

CHAPTER

25

EQUIPMENT/ FURNISHINGS

MD-80 AIRCRAFT MAINTENANCE MANUAL

CHAPTER 25 EQUIPMENT/FURNISHINGS

Subject/Page	Date	COC	Subject/Page	Date	COC	Subject/Page	Date	COC
25-EFFECTIVE PAGES			25-00-00 (cont)			25-13-00		
1 thru 8	AUG 01/2016		809	Feb 01/2015		1	Feb 01/2016	
25-CONTENTS			810	Feb 01/2015		2	Feb 01/2016	
1	Feb 01/2016		811	Feb 01/2015		3	Feb 01/2015	
2	Feb 01/2016		812	Feb 01/2015		4	Feb 01/2015	
3	Feb 01/2016		813	Feb 01/2015		5	Feb 01/2015	
4	Feb 01/2016		814	Feb 01/2015		6	BLANK	
5	Feb 01/2016		815	Feb 01/2015		25-13-00		
6	Feb 01/2016		816	Feb 01/2015		201	Feb 01/2015	
7	Feb 01/2016		817	Feb 01/2015		202	Feb 01/2015	
8	Feb 01/2016		818	Feb 01/2015		25-13-01		
9	Feb 01/2016		25-10-00			1	Feb 01/2016	
10	Feb 01/2016		1	Feb 01/2016		2	Feb 01/2016	
11	Feb 01/2016		2	Feb 01/2015		25-13-01		
12	BLANK		25-11-00			201	Feb 01/2016	
25-00-00			1	Feb 01/2016		202	Feb 01/2016	
1	May 01/2016		2	BLANK		203	Feb 01/2016	
2	May 01/2016		25-11-00			204	Feb 01/2016	
3	May 01/2016		201	Feb 01/2015		205	Feb 01/2016	
4	May 01/2016		202	Feb 01/2015		206	Feb 01/2016	
5	May 01/2016		203	Feb 01/2015		207	Feb 01/2016	
6	May 01/2016	C	204	Feb 01/2015		208	Feb 01/2016	
7	May 01/2016		25-12-00			209	Feb 01/2016	
8	May 01/2016		201	Feb 01/2016		210	Feb 01/2016	
9	May 01/2016	C	202	Feb 01/2016		211	Feb 01/2016	
10	May 01/2016		203	Feb 01/2016		212	Feb 01/2016	
11	May 01/2016		204	Feb 01/2016		213	Feb 01/2016	
12	May 01/2016		205	Feb 01/2016		214	Feb 01/2016	
25-00-00			206	Feb 01/2016		215	Feb 01/2015	
801	Feb 01/2015		207	Feb 01/2015		216	Feb 01/2015	
802	Feb 01/2015		208	Feb 01/2016		217	Feb 01/2015	
803	Feb 01/2015		209	Feb 01/2016		218	Feb 01/2015	
804	Feb 01/2015		210	Feb 01/2016		219	Feb 01/2015	
805	Feb 01/2015		211	Feb 01/2016		220	BLANK	
806	Feb 01/2015		212	Feb 01/2016		25-13-01		
807	Feb 01/2015		213	Feb 01/2016		501	Feb 01/2015	
808	Feb 01/2015		214	BLANK		502	BLANK	

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CHAPTER 25 EQUIPMENT/FURNISHINGS

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25-13-01			25-20-00 (cont)			25-23-00		
601	Feb 01/2015		14	Feb 01/2016		1	Feb 01/2016	C
602	BLANK		15	Feb 01/2016		2	Feb 01/2016	
25-13-02			16	Feb 01/2016		25-23-00		
1	Feb 01/2015		17	Feb 01/2016		201	Feb 01/2016	C
2	BLANK		18	BLANK		202	Feb 01/2015	
25-13-02			25-21-00			203	Feb 01/2015	
201	Feb 01/2015		1	Feb 01/2015		204	Feb 01/2016	
202	Feb 01/2015		2	BLANK		205	Feb 01/2015	
25-13-02			25-21-00			206	Feb 01/2016	
501	Feb 01/2015		201	Feb 01/2016		207	Feb 01/2016	
502	BLANK		202	Feb 01/2016		208	Feb 01/2016	C
25-13-02			203	Aug 01/2015		209	Feb 01/2015	C
601	Feb 01/2015		204	Feb 01/2016		210	Feb 01/2015	
602	BLANK		25-21-01			25-23-00		
25-13-05			1	Feb 01/2015		501	Feb 01/2016	
1	Feb 01/2015		2	BLANK		502	BLANK	
2	Feb 01/2015		25-21-01			25-23-00		
25-13-05			201	Feb 01/2016		601	Feb 01/2015	
201	Feb 01/2015		202	Feb 01/2015		602	BLANK	
202	Feb 01/2015		25-22-00			25-23-01		
203	Feb 01/2015		1	Feb 01/2016		1	Feb 01/2016	
204	Feb 01/2015		2	BLANK		2	BLANK	
25-20-00			25-22-00 Config 1			25-23-01		
1	Feb 01/2016		201	Feb 01/2016		201	Feb 01/2015	
2	Feb 01/2016	C	202	Feb 01/2016		202	Feb 01/2015	
3	Feb 01/2016		203	Feb 01/2016		203	Feb 01/2015	
4	Feb 01/2016		204	Feb 01/2016		204	Feb 01/2016	
5	Feb 01/2016		25-22-00 Config 2			25-23-01		
6	Feb 01/2016		201	Feb 01/2015	C	501	Feb 01/2015	
7	Feb 01/2016		202	Feb 01/2015	C	502	BLANK	
8	Feb 01/2016		203	Feb 01/2015	C	25-23-01		
9	Feb 01/2016		204	Feb 01/2015	C	601	Feb 01/2015	
10	Feb 01/2016		205	Feb 01/2015	C	602	BLANK	
11	Feb 01/2016		206	Feb 01/2015	C	25-23-02		
12	Feb 01/2016		207	Feb 01/2015	C	1	Feb 01/2015	
13	Feb 01/2016		208	BLANK		2	BLANK	

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Subject/Page	Date	COC	Subject/Page	Date	COC	Subject/Page	Date	COC
25-23-02			25-23-03			25-24-00 Config 2 (cont)		
201	Feb 01/2016		601	Feb 01/2016		216	Feb 01/2016	
202	Feb 01/2016		602	BLANK		217	Feb 01/2016	
203	Feb 01/2016		25-23-03			218	Feb 01/2016	
204	Feb 01/2015		801	Feb 01/2016		219	Feb 01/2016	
205	Feb 01/2015		802	Feb 01/2016		220	Feb 01/2016	
206	Feb 01/2015		803	Feb 01/2016		221	Feb 01/2016	
207	Feb 01/2015		804	Feb 01/2016		222	Feb 01/2016	
208	Feb 01/2015		805	Feb 01/2016		223	Feb 01/2016	
209	Feb 01/2015		806	Feb 01/2015		224	Feb 01/2016	
210	Feb 01/2015		807	Feb 01/2016		225	Feb 01/2016	
25-23-02			808	Feb 01/2016		226	Feb 01/2016	
501	Feb 01/2015		25-24-00			227	Feb 01/2016	
502	BLANK		1	Feb 01/2016		228	Feb 01/2016	
25-23-02			2	Feb 01/2016		229	Feb 01/2016	
601	Feb 01/2015		3	Feb 01/2016		230	Feb 01/2016	
602	BLANK		4	Feb 01/2016		231	Feb 01/2016	
25-23-03			5	Feb 01/2016		232	Feb 01/2016	
1	Feb 01/2016		6	Feb 01/2016		233	Feb 01/2016	
2	Feb 01/2016		7	Feb 01/2016		234	Feb 01/2016	
3	Feb 01/2016		8	BLANK		235	Feb 01/2016	
4	Feb 01/2016		25-24-00 Config 2			236	Feb 01/2016	
5	Feb 01/2016		201	Feb 01/2016		237	Feb 01/2016	
6	BLANK		202	Feb 01/2016		238	Feb 01/2016	
25-23-03			203	Feb 01/2016		239	Feb 01/2016	
201	Feb 01/2016		204	Feb 01/2016		240	Feb 01/2016	
202	Feb 01/2016		205	Feb 01/2016		241	Feb 01/2016	
203	Feb 01/2016		206	Feb 01/2016		242	Feb 01/2016	
204	Feb 01/2016		207	Feb 01/2016		243	Feb 01/2016	
205	Feb 01/2016		208	Feb 01/2016		244	Feb 01/2016	
206	Feb 01/2016		209	Feb 01/2016		245	Feb 01/2016	
207	Feb 01/2016		210	Feb 01/2016		246	Feb 01/2016	
208	Feb 01/2016		211	Feb 01/2016		247	Feb 01/2016	
25-23-03			212	Feb 01/2016		248	Feb 01/2016	
501	Feb 01/2016		213	Feb 01/2016		249	Feb 01/2016	
502	BLANK		214	Feb 01/2016		250	Feb 01/2016	
			215	Feb 01/2016		251	Feb 01/2016	

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25-24-00 Config 2 (cont)			25-28-00			25-31-00 (cont)		
252	BLANK		701	Feb 01/2015		212	Feb 01/2016	
25-25-00			702	Feb 01/2015		213	Feb 01/2015	
1	Feb 01/2016		25-30-00			214	BLANK	
2	Feb 01/2016		1	Feb 01/2016		25-32-00 Config 1		
3	Feb 01/2016		2	Feb 01/2016		201	Feb 01/2016	
4	BLANK		3	Feb 01/2016		202	Feb 01/2015	
25-25-00			4	Feb 01/2016		203	Feb 01/2015	
201	Feb 01/2016		5	Feb 01/2016		204	Feb 01/2015	
202	Feb 01/2016		6	Feb 01/2016		205	Feb 01/2016	
203	Feb 01/2016		7	Feb 01/2016		206	Feb 01/2016	
204	Feb 01/2016		8	Feb 01/2016		207	Feb 01/2015	
205	Feb 01/2016		9	Feb 01/2016		208	Feb 01/2015	
206	Feb 01/2016		10	Feb 01/2016		209	Feb 01/2015	
207	Feb 01/2016		11	Feb 01/2016		210	Feb 01/2016	
208	Feb 01/2016		12	Feb 01/2016		211	Feb 01/2016	
209	Feb 01/2016		13	Feb 01/2016		212	May 01/2016	
210	Feb 01/2016		14	Feb 01/2016		213	May 01/2016	
211	Feb 01/2015		15	Feb 01/2016		214	May 01/2016	
212	BLANK		16	May 01/2016		215	May 01/2016	
25-26-00			17	May 01/2016		216	May 01/2016	
1	Feb 01/2016		18	BLANK		217	May 01/2016	
2	BLANK		25-30-00 Config 1			218	Feb 01/2016	
25-27-00			1	Feb 01/2015	C	25-33-00		
1	Feb 01/2016	C	2	BLANK		201	Feb 01/2016	
2	Feb 01/2016	C	25-31-00			202	Feb 01/2016	
3	Feb 01/2015	C	201	Feb 01/2016		203	Feb 01/2016	
4	BLANK		202	Feb 01/2016		204	Feb 01/2016	
25-28-00			203	Feb 01/2016		205	Feb 01/2016	
1	Feb 01/2015		204	Feb 01/2016	C	206	Feb 01/2016	
2	BLANK		205	Feb 01/2016		207	Feb 01/2016	
25-28-00			206	Feb 01/2016		208	Feb 01/2016	
201	Feb 01/2016		207	Feb 01/2015		209	Feb 01/2016	
202	Feb 01/2016		208	Feb 01/2015		210	Feb 01/2016	
203	Feb 01/2016		209	Feb 01/2016		211	Feb 01/2016	
204	Feb 01/2015		210	Feb 01/2015		212	Feb 01/2016	
			211	Feb 01/2016		213	Feb 01/2015	

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25-33-00 (cont)			25-35-00 (cont)			25-41-00 (cont)		
214	Feb 01/2015		206	May 01/2016		205	Feb 01/2016	
215	Feb 01/2016		207	May 01/2016		206	Feb 01/2016	
216	Feb 01/2015		208	May 01/2016		207	Feb 01/2015	
217	Feb 01/2016		209	May 01/2016		208	Feb 01/2016	
218	Feb 01/2016		210	May 01/2016		209	Feb 01/2015	
219	Feb 01/2016		211	May 01/2016		210	Feb 01/2015	
220	Feb 01/2015		212	May 01/2016		211	Feb 01/2015	
221	Feb 01/2016		213	May 01/2016		212	Feb 01/2015	
222	BLANK		214	May 01/2016		213	Feb 01/2015	
25-34-00			215	May 01/2016		214	BLANK	
201	Feb 01/2016		216	May 01/2016		25-41-00		
202	Feb 01/2016		25-36-00			501	Feb 01/2015	
203	Feb 01/2015		201	Feb 01/2016		502	BLANK	
204	Feb 01/2015		202	Feb 01/2016		25-41-00		
205	Feb 01/2015		203	Feb 01/2016		601	Feb 01/2015	
206	Feb 01/2016		204	Feb 01/2015		602	BLANK	
207	Feb 01/2015		25-37-00			25-42-00		
208	Feb 01/2016		201	Feb 01/2016		201	Feb 01/2016	
209	Feb 01/2016		202	Feb 01/2016		202	Feb 01/2015	
210	Feb 01/2016		203	Feb 01/2016		203	Feb 01/2015	
211	Feb 01/2016		204	Feb 01/2016		204	Feb 01/2015	
212	Feb 01/2016		25-38-00			205	Feb 01/2015	
213	Feb 01/2016		201	Feb 01/2016		206	Feb 01/2015	
214	Feb 01/2016		202	Feb 01/2016		207	Feb 01/2015	
215	Feb 01/2016		25-40-00			208	Feb 01/2015	
216	Feb 01/2016		1	May 01/2016		209	Feb 01/2016	
217	Feb 01/2016		2	May 01/2016		210	Feb 01/2016	
218	Feb 01/2016		3	Feb 01/2016		211	Feb 01/2016	
219	Feb 01/2015		4	Feb 01/2016		212	Feb 01/2016	
220	BLANK		5	Feb 01/2016		213	Feb 01/2016	
25-35-00			6	Feb 01/2016		214	Feb 01/2016	
201	Feb 01/2016		25-41-00			215	Feb 01/2016	
202	Feb 01/2016		201	Feb 01/2015		216	Feb 01/2016	
203	Feb 01/2016		202	Feb 01/2016		217	Feb 01/2016	
204	May 01/2016		203	Feb 01/2015		218	Feb 01/2016	
205	May 01/2016		204	Aug 01/2015		219	Feb 01/2016	

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25-42-00 (cont)			25-52-02			25-54-00		
220	Feb 01/2016		201	Feb 01/2016		1	Feb 01/2016	
25-42-00			202	Feb 01/2016		2	BLANK	
501	Feb 01/2015		203	Feb 01/2016		25-55-00		
502	BLANK		204	Feb 01/2015		1	Feb 01/2015	
25-42-00			205	Feb 01/2015		2	BLANK	
601	Feb 01/2015		206	BLANK		25-56-00		
602	BLANK		25-52-02			1	Feb 01/2015	
25-50-00			401	Feb 01/2015		2	BLANK	
1	Feb 01/2016		402	Feb 01/2015		25-56-01		
2	Feb 01/2016		403	Feb 01/2015		201	Aug 01/2015	
3	Feb 01/2016		404	Feb 01/2015		202	Aug 01/2015	
4	Feb 01/2016		405	Feb 01/2015		203	Aug 01/2015	
25-51-00			406	Feb 01/2015		204	Aug 01/2015	
1	Feb 01/2016		407	Feb 01/2015		205	Aug 01/2015	
2	Feb 01/2016		408	Feb 01/2015		206	BLANK	
3	Feb 01/2016		409	Feb 01/2015		25-60-00 Config 11		
4	Feb 01/2016		410	BLANK		1	Feb 01/2016	
25-52-00			25-52-03			2	Feb 01/2016	
1	Feb 01/2016		201	Feb 01/2015	C	3	Feb 01/2016	
2	Feb 01/2016		202	Feb 01/2016		4	Feb 01/2016	
3	Feb 01/2016		25-53-00			5	Feb 01/2016	
4	Feb 01/2016		1	Feb 01/2015		6	Feb 01/2015	
25-52-01			2	Feb 01/2016		7	Feb 01/2016	
201	Feb 01/2016	C	3	Feb 01/2016		8	Feb 01/2015	
202	Feb 01/2015	C	4	Feb 01/2016		25-60-00 Config 13		
203	Feb 01/2015		5	Feb 01/2016		1	Feb 01/2015	
204	Feb 01/2016		6	Feb 01/2016		2	Feb 01/2015	
205	Feb 01/2015	C	7	Feb 01/2016		25-60-00 Config 14		
206	Feb 01/2015		8	Feb 01/2016		1	Feb 01/2015	
207	Feb 01/2015		9	Feb 01/2016		2	Feb 01/2015	
208	Feb 01/2015		10	Feb 01/2016		3	Feb 01/2015	
209	Feb 01/2015		11	Feb 01/2016		4	Feb 01/2015	
210	Feb 01/2016		12	Feb 01/2016		5	Feb 01/2015	
211	Feb 01/2015	C	13	Feb 01/2016		6	Feb 01/2015	
212	BLANK		14	Feb 01/2016				

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25-60-00	Config 18		25-61-00	(cont)		25-62-00	(cont)	
1	May 01/2016	C	205	Feb 01/2016		214	Feb 01/2016	
2	Feb 01/2016	C	206	BLANK		215	Feb 01/2016	
3	May 01/2016		25-61-00			216	Feb 01/2016	
4	May 01/2016	C	601	Feb 01/2016		217	Feb 01/2016	
25-60-00			602	Feb 01/2016		218	BLANK	
201	Feb 01/2016		25-62-00			25-62-00		
202	BLANK		1	Feb 01/2016		401	Feb 01/2015	
25-60-00			2	Feb 01/2016		402	Feb 01/2015	
401	Feb 01/2015		3	Feb 01/2016		25-62-00		
402	BLANK		4	Feb 01/2016		601	Feb 01/2015	
25-60-00			5	Feb 01/2016		602	BLANK	
501	Feb 01/2015		6	Feb 01/2016		25-62-01		
502	BLANK		7	Feb 01/2016		201	Feb 01/2016	
25-60-01			8	Feb 01/2016		202	Feb 01/2016	
201	Feb 01/2015	C	9	Feb 01/2016		203	Feb 01/2016	
202	Feb 01/2015	C	10	Feb 01/2016		204	Feb 01/2016	
203	Feb 01/2015	C	11	Feb 01/2016		205	Feb 01/2016	
204	Feb 01/2015	C	12	Feb 01/2016		206	Feb 01/2015	
205	Feb 01/2015	C	13	Feb 01/2016		207	Feb 01/2016	
206	Feb 01/2015	C	14	Feb 01/2016		208	Feb 01/2015	
207	Feb 01/2015	C	15	Feb 01/2016		209	Feb 01/2015	
208	BLANK		16	BLANK		210	Feb 01/2015	
25-60-02			25-62-00			211	Feb 01/2015	
401	Feb 01/2015		201	Feb 01/2016		212	Feb 01/2015	
402	BLANK		202	Feb 01/2016		213	Feb 01/2015	
25-60-02			203	Feb 01/2016		214	Feb 01/2015	
601	Feb 01/2015		204	Feb 01/2016		215	Feb 01/2015	
602	BLANK		205	Feb 01/2016		216	Feb 01/2015	
25-61-00			206	Feb 01/2016		217	Feb 01/2015	
1	Feb 01/2016		207	Feb 01/2015		218	Feb 01/2015	
2	BLANK		208	Feb 01/2015		25-62-01		
25-61-00			209	Feb 01/2016		401	Feb 01/2015	
201	Feb 01/2016	C	210	Feb 01/2016		402	Feb 01/2015	
202	Feb 01/2016		211	Feb 01/2016		25-62-01		
203	Feb 01/2016		212	Feb 01/2016		601	Feb 01/2015	
204	Feb 01/2016		213	Feb 01/2016		602	BLANK	

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25-62-02			25-63-00 (cont)					
201	Feb 01/2016		4	Feb 01/2016				
202	Feb 01/2016		5	Feb 01/2016				
203	Feb 01/2015		6	BLANK				
204	Feb 01/2016		25-64-01					
25-62-02			401	Feb 01/2015				
401	Feb 01/2016		402	BLANK				
402	Feb 01/2016		25-64-01					
25-62-02			601	Feb 01/2015				
601	Feb 01/2016		602	BLANK				
602	Feb 01/2016		25-64-03					
25-62-03			401	Feb 01/2015				
201	Feb 01/2016		402	BLANK				
202	Feb 01/2016		25-64-03					
203	Feb 01/2016		601	Feb 01/2015				
204	Feb 01/2016		602	BLANK				
205	Feb 01/2016		25-65-00					
206	BLANK		501	Feb 01/2015				
25-62-04			502	Feb 01/2015				
201	Feb 01/2016		503	Feb 01/2015				
202	Feb 01/2016		504	BLANK				
203	Feb 01/2016		25-65-01					
204	Feb 01/2016		501	Feb 01/2015				
205	Feb 01/2016		502	Feb 01/2015				
206	Feb 01/2016		25-67-02					
25-62-04			401	Feb 01/2015				
501	Feb 01/2015		402	BLANK				
502	Feb 01/2015		25-67-02					
25-62-05			501	Feb 01/2015				
201	Feb 01/2016		502	BLANK				
202	Feb 01/2016							
203	Feb 01/2015							
204	BLANK							
25-63-00								
1	Feb 01/2015							
2	Feb 01/2015							
3	Feb 01/2016							

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<u>SUBJECT</u>	<u>CHAPTER SECTION</u>	<u>CONF</u>	<u>PAGE</u>	<u>EFFECT</u>
<u>GENERAL - DESCRIPTION AND OPERATION</u>	25-00-00		1	WJE ALL
<u>INTERIOR COMPONENTS - APPROVED REPAIRS</u>	25-00-00		801	WJE ALL
<u>FLIGHT COMPARTMENT - DESCRIPTION AND OPERATION</u>	25-10-00		1	WJE ALL
<u>FLIGHT COMPARTMENT LINING AND INSULATION - DESCRIPTION AND OPERATION</u>	25-11-00		1	WJE ALL
<u>FLIGHT COMPARTMENT LINING AND INSULATION - MAINTENANCE PRACTICES</u>	25-11-00		201	WJE ALL
<u>FLIGHT COMPARTMENT GLARESHIELD - MAINTENANCE PRACTICES</u>	25-12-00		201	WJE ALL
<u>FLIGHT COMPARTMENT EQUIPMENT - DESCRIPTION AND OPERATION</u>	25-13-00		1	WJE ALL
<u>FLIGHT COMPARTMENT EQUIPMENT - MAINTENANCE PRACTICES</u>	25-13-00		201	WJE ALL
<u>CAPTAIN'S AND FIRST OFFICER'S SEATS - DESCRIPTION AND OPERATION</u>	25-13-01		1	WJE ALL
<u>CAPTAIN'S AND FIRST OFFICER'S SEATS - MAINTENANCE PRACTICES</u>	25-13-01		201	WJE ALL
<u>CAPTAIN'S AND FIRST OFFICER'S SEATS - ADJUSTMENT/TEST</u>	25-13-01		501	WJE ALL
Operational Check of the Captain and First Officer Seats Shoulder Harness Inertial Reel TASK 25-13-01-710-801			501	WJE ALL
Functional Check of the Captain and First Officer Seatbelt Attach Bolts for Proper Torque TASK 25-13-01-720-801			501	WJE ALL
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GENERAL - DESCRIPTION AND OPERATION

1. General

WJE 405, 406, 409, 881, 883, 884

- A. Equipment and furnishings for the aircraft interior include removable items in the flight, passenger, cargo, and accessory compartments. The equipment includes buffet/galley, lavatory, and emergency equipment; but does not include structures or equipment assigned specifically to other chapters within the Maintenance Manual. Equipment such as galleys, lavatories, and class-divider partition and coatrooms (if installed) make the aircraft interior easily convertible to a variety of configurations.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- B. Equipment and furnishings for the aircraft interior include removable items in the flight, passenger, cargo, and accessory compartments. The equipment includes buffet/galley, lavatory, and emergency equipment; but does not include structures or equipment assigned specifically to other chapters within the Maintenance Manual. Equipment such as galleys, lavatories, coatroom/stowage compartments, and a movable cabin-divider curtain makes the aircraft interior easily convertible to a variety of configurations.

WJE 406-408, 411, 880

- C. Equipment and furnishings for the aircraft interior include removable items in the flight, passenger, cargo, and accessory compartments. The equipment includes buffet/galley, lavatory, and emergency equipment; but does not include structures or equipment assigned specifically to other chapters within the Maintenance Manual. Equipment such as galleys, lavatories, passenger seats, and stowage compartments, makes the aircraft interior easily convertible to a variety of configurations.

WJE 412, 414

- D. Equipment and furnishings for the aircraft interior include removable items in the flight, passenger, cargo, and accessory compartments. The equipment includes buffet/galley, lavatory, and emergency equipment; but does not include structures or equipment assigned specifically to other chapters within the Maintenance Manual. Equipment such as galleys, lavatories, passenger seats, and a stowage compartment/coatroom makes the aircraft interior easily convertible to a variety of configurations.

WJE 886, 887

- E. Equipment and furnishings for the aircraft interior include removable items in the flight, passenger, cargo, and accessory compartments. The equipment includes buffet/galley, lavatory, and emergency equipment; but does not include structures or equipment assigned specifically to other chapters within the Maintenance Manual. Equipment such as galleys, lavatories, coatrooms, a class-divider partition, and passenger seats, makes the aircraft interior easily convertible to a variety of configurations.

WJE 410

- F. Equipment and furnishings for the aircraft interior include removable items in the flight, passenger, cargo, and accessory compartments. The equipment includes buffet/galley, lavatory, emergency equipment and a coatroom; but does not include structures or equipment assigned specifically to other chapters within the Maintenance Manual. Equipment such as the coatroom, galleys, lavatories, passenger seats, and stowage compartments, makes the aircraft interior easily convertible to a variety of configurations.

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- G. Equipment and furnishings for the aircraft interior include removable items in the flight, passenger, cargo, and accessory compartments. The equipment includes buffet/galley, lavatory, and emergency equipment; but does not include structures or equipment assigned specifically to other chapters within the Maintenance Manual. Equipment such as galleys, lavatories, lounge partitions, windscreens, a coatroom, and passenger seats, makes the aircraft interior easily convertible to a variety of configurations.

WJE 873, 874, 892, 893

- H. Equipment and furnishings for the aircraft interior include removable items in the flight, passenger, cargo, and accessory compartments. The equipment includes buffet/galley, coatroom, lavatory, and emergency equipment; but does not include structures or equipment assigned specifically to other chapters within the Maintenance Manual. Equipment such as galleys, lavatories, stowage compartments, and a coatroom makes the aircraft interior easily convertible to a variety of configurations.

WJE 401-404, 412, 414

- I. Equipment and furnishings for the aircraft interior include removable items in the flight, passenger, cargo, and accessory compartments. The equipment includes buffet/galley, lavatory, and emergency equipment; but does not include structures or equipment assigned specifically to other chapters within the Maintenance Manual. Equipment such as galleys, lavatories, passenger seats, coatrooms, and a class-divider partition makes the aircraft interior easily convertible to a variety of configurations.

WJE ALL

2. Flight Compartment

- A. Furnishings in the flight compartment include duplicate accommodations for the captain and first officer, and a seat with accommodations for the observer.

The compartment sidewalls are lined and insulated, and the floor is covered with nonslip material.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

A stowage compartment for crew coats, hats, and luggage is provided on the inboard side of galley unit No. 1.

WJE ALL

3. Passenger Compartment

WJE 405, 406, 409, 881, 883, 884

- A. Furnishings in the passenger compartment include passenger and attendant seats, overhead stowage compartments, class-divider partition with lower stowage compartments (on aircraft with a mixed-class passenger cabin), an aft left coatroom galley units, lavatories, doghouse-type stowage compartments attached to the aft left coatroom and galley G3. The all economy (single-class) passenger section extends aft from the electrical power center bulkhead and galley unit No. G1 to the compartment aft pressure bulkhead. Ceiling panels, sidewall panels, and floor covering in the compartment are removable. Overhead sidewall stowage compartments extend almost the full length of the passenger section and are removable as individual units without the use of special tools.

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WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868

- B. The furnishings in the passenger compartment include passenger and attendant seats, overhead stowage compartments, coatroom/stowage units, doghouse-type stowage compartments, galley units, lavatories, and a cabin-divider curtain. The mixed-class passenger section, provided as a basic configuration, extends aft from the electrical power center bulkhead and galley unit No. 1 to the compartment aft pressure bulkhead.

WJE 416, 418, 420, 424, 426, 429, 869, 871, 872, 891

- C. The furnishings in the passenger compartment include passenger and attendant seats, overhead stowage compartments, coatroom/stowage units, a doghouse-type stowage compartment, galley units, and lavatories. The single-class (all coach) passenger section extends aft from the electrical power center bulkhead and galley unit No. 1 to the compartment aft bulkhead.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- D. Ceiling panels, sidewall panels, and floor covering in the compartment on all aircraft are removable. Overhead sidewall stowage compartments extend almost the full length of the passenger section and are removable as individual units without the use of special tools.

WJE 406

- E. Furnishings in the passenger compartment include passenger and attendant seats, overhead and doghouse-type stowage compartments, galley units, lavatories, and an aft coatroom. The single-class (all coach) passenger section, provided as a basic configuration, extends aft from the electrical power center bulkhead and galley unit No. 1 to the compartment aft pressure bulkhead. Ceiling panels, sidewall panels, and floor covering in the compartment are removable. Overhead sidewall stowage compartments extend almost the full length of the passenger section and are removable as individual units without the use of special tools.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- F. Furnishings in the passenger compartment include passenger and attendant seats, overhead and doghouse-type stowage compartments, galley units, lavatories, and a forward coatroom and stowage compartment. The single-class (all coach) passenger section, provided as a basic configuration, extends aft from the electrical power center bulkhead and galley unit No. 1 to the compartment aft pressure bulkhead. Ceiling panels, sidewall panels, and floor covering in the compartment are removable. Overhead sidewall stowage compartments extend almost the full length of the passenger section and are removable as individual units without the use of special tools.

- G. The furnishings in the passenger compartment include passenger and attendant seats, overhead stowage compartments, galley units, lavatories, and an aft coatroom with an attached doghouse-type stowage compartment. The single-class (all coach) passenger section, provided as a basic configuration, extends aft from the electrical power center bulkhead and galley unit No. 1 to the compartment aft pressure bulkhead.

WJE 410

- H. Furnishings in the passenger compartment include passenger and attendant seats, overhead stowage compartments, galley units, and lavatories. The single-class (all coach) passenger section, provided as a basic configuration, extends aft from the electrical power center bulkhead and galley unit No. 1 to the compartment aft pressure bulkhead; with a break for the aft left G3 and G4 lavatories. Ceiling panels, sidewall panels, and floor covering in the compartment are removable. Overhead sidewall stowage compartments extend almost the full length of the passenger section and are removable as individual units without the use of special tools.

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WJE 892, 893

- I. Furnishings in the passenger compartment include passenger and attendant seats, overhead stowage compartments, an aft left coatroom, galley units, doghouse-type stowage compartments, and lavatories. The single-class and mixed-class passenger sections extend aft from the electrical power center bulkhead and galley unit No. 1 to the compartment aft pressure bulkhead. Ceiling panels, sidewall panels, and floor covering in the compartment are removable. Overhead sidewall stowage compartments extend almost the full length of the passenger section and are removable as individual units without the use of special tools.

WJE 873, 874

- J. Furnishings in the passenger compartment include passenger and attendant seats, overhead stowage compartments, an aft left coatroom, galley units, doghouse-type stowage compartments, and lavatories, and a class divider partition with floor level stowage compartments. The single-class and mixed-class passenger sections extend aft from the electrical power center bulkhead and galley unit No. 1 to the compartment aft pressure bulkhead. Ceiling panels, sidewall panels, and floor covering in the compartment are removable. Overhead sidewall stowage compartments extend almost the full length of the passenger section and are removable as individual units without the use of special tools.

WJE 875-879

- K. The furnishings in the passenger compartment include passenger and attendant seats, overhead stowage compartments, forward passenger door and service door windscreens, galley units, and lavatories. The single-class (all coach) passenger section, provided as a basic configuration, extends aft from the electrical power center bulkhead and galley unit No. 1 to the compartment aft pressure bulkhead. Ceiling panels, sidewall panels, and floor covering in the compartment are removable. Overhead sidewall stowage compartments extend almost the full length of the passenger section and are removable as individual units without the use of special tools.

WJE 886, 887

- L. Furnishings in the passenger compartment include passenger and attendant seats, overhead stowage compartments, coatroom unit or coatroom units, cabin class divider partition and an aft cabin cross-aisle privacy curtain, galley units, and lavatories. The mixed-class passenger section extends aft from the electrical power center bulkhead and galley unit No. 1 to the compartment aft pressure bulkhead. Ceiling panels, sidewall panels, and floor covering in the compartment are removable. Overhead sidewall stowage compartments extend almost the full length of the passenger section and are removable as individual units without the use of special tools.

WJE 401-404, 412, 414

- M. Furnishings in the passenger compartment include passenger and attendant seats, overhead stowage compartments, galley units, lavatories, coatrooms, a class divider partition with lower doghouse-type stowage units, and a windscreen with attachments for an attendant seat. The mixed-class passenger section, provided as a basic configuration, extends aft from the electrical power center bulkhead and galley unit No. 1 to the compartment aft pressure bulkhead. Ceiling panels, sidewall panels, and floor covering in the compartment are removable. Overhead sidewall stowage compartments extend almost the full length of the passenger section and are removable as individual units without the use of special tools.

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WJE ALL

4. Buffet/Galley

WJE 405, 406, 409, 881, 883, 884

- A. Four galley units are provided for the passenger compartment, two forward and two aft. The G1 and G2 galley units are installed on the right side of the compartment adjacent to the forward galley service door. The G3 and G4 galley units are installed on the left side of the compartment adjacent to the aft galley service door. Sliding curtains are installed to separate the forward and aft galley work areas from adjacent passenger areas. A doghouse stowage compartment is installed on the forward side of galley unit No. 3. An attendant seat is installed on the inboard side of galley unit No. 4.

WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868

- B. Eleven galley units are provided for the passenger compartment, five forward and six aft. The G1 galley unit is installed on the right side of the compartment forward of the forward galley service door. The G2 and G2A galley units are installed on the right side of the compartment aft of the forward galley service door. The G3 and G3A galley units are installed on the left side of the compartment adjacent to the forward passenger door. The G4 galley unit is installed on the left side of the compartment forward of the aft galley service door. The G5, G6, G7, and G7A galley units are also installed on the left side of the compartment, between the aft galley service door and the aft left lavatory. The G8 galley unit is installed on the right side of the compartment forward of the aft coatroom/stowage unit. Doghouse stowage compartments are installed on the forward side of galley units No. 4 and No. 8. Sliding curtains are installed to separate the forward and aft galley work areas from adjacent passenger areas. An attendant seat is installed on the inboard side of galley unit No. 5.

WJE 416, 418, 420, 424, 426, 429, 869, 871, 872, 891

- C. Six galley units are provided for the passenger compartment, three forward and three aft. The G1 and G2 galley units are installed on the right side of compartment adjacent to the forward galley service door. The G3 galley unit is installed on the left side of the compartment aft of the forward passenger door. The G4 and G5 galley units are installed on the left side of the compartment adjacent to the aft galley service door. The G7A galley unit is installed on the left side of the compartment forward of the aft left lavatory. An upright stowage compartment is installed on the aft side of galley unit No. 3. A doghouse stowage compartment is installed on the forward side of galley unit No. 7A. Sliding curtains are installed to separate the forward and aft galley work areas from adjacent passenger areas. An attendant seat is installed on the inboard side of galley unit No. 5.

WJE 407, 408, 411, 880

- D. Six galley units are provided for the passenger compartment, three forward and three aft. The G1 and G2 galley units are installed on the right side of the compartment adjacent to the forward galley service door. The G3 galley unit is installed on the left side of the compartment just aft of the forward passenger door. The G4 and G5A galley units are installed on the left side of the compartment just aft of the aft galley service door. The G6 galley unit is installed on the forward side of the lavatory on the left side of the passenger compartment. An upright stowage compartment is installed on the aft side of the forward G2 galley unit. Sliding curtains are provided to separate the forward and aft galley work areas from the adjacent passenger areas. An attendant seat is installed on a windscreen partition just forward of the G4 galley unit.

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WJE 873, 874, 892, 893

- E. Four galley units are provided for the passenger compartment, two forward and two aft. The G1 and G2 galley units are installed on the right side of the compartment adjacent to the forward galley service door. The G3 and G4 galley units are installed on the left side of the compartment adjacent to the aft galley service door. A G3A galley unit is installed in lieu of the G3 galley unit. The G3 and G3A galley units are installed just forward of the aft galley service door. A G4B galley unit is installed aft of the G4 galley unit, and a G5 galley unit is installed on the forward side of the aft left lavatory. Sliding curtains are installed to separate the forward and aft galley work areas from adjacent passenger areas. A doghouse-type stowage compartment is installed on the forward side of galley unit No. 3 or No. 3A. An attendant seat is installed on the inboard side of galley unit No. 4 on all aircraft.

WJE 875-879

- F. Two galley units are provided for the passenger compartment, on forward and one aft. The G1 galley unit is installed on the right side of the compartment forward of the forward galley service door. The G4 galley unit is installed on the left side of the compartment aft of the aft galley service door. Sliding curtains are installed between the galleys and adjacent partitions to separate the forward and aft galley work areas from passenger areas.

WJE 410

- G. Four galley units are provided for the passenger compartment, two forward and two aft. The G1 and G2 galley units are installed on the right side of the compartment adjacent to the forward galley service door. The G3 and G4 galley units are installed on the left side of the compartment adjacent to the aft galley service door. Sliding curtains are installed to separate the forward and aft galley work areas from adjacent passenger areas.

WJE 886, 887

- H. Five galley units are provided for the passenger compartment, two forward and three aft. The G1 and G2 galley units are installed on the right side of the compartment adjacent to the forward galley service door. The G4, G4B, and G5 galley units are installed aft of the aft galley service door. Sliding curtains are installed to separate the galley work areas from adjacent passenger areas.

WJE 401-404, 412, 414

- I. Five galley units are provided for the passenger compartment, two forward and three aft. The G1 and G2 galley units are installed on the right side of the compartment adjacent to the forward galley service door. The G3 and G4 galley units are installed on the left side of the compartment aft of the aft galley service door. The G5 galley unit is installed on the right side of the compartment just forward of the aft lavatory. Sliding curtains are installed to separate the aft galley work area from the adjacent passenger area. Aircraft 113-999 are almost identical to aircraft 101-112, but are not provided with a G5 galley unit.

WJE 412, 414

5. Lavatories

- WJE A. Three lavatories are provided for the passenger compartment, one forward and two aft. The forward
WJE lavatory is installed on the left side of the compartment just aft of the coatroom at the forward
WJE passenger door. The aft lavatories are installed against the aft pressure bulkhead, one on each side
WJE of the upper ventral stairway entrance door.

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WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

6. Lavatories and Coatrooms

WJE 410

- A. Three lavatories are provided for the passenger compartment, one forward and two aft. The forward lavatory is installed on the left side of the compartment just aft of the forward passenger door. The aft lavatories are installed against the aft pressure bulkhead, one on each side of the upper ventral stairway entrance door. A coatroom is installed on the forward side of the aft left coatroom.

WJE 405, 406, 409, 873, 874, 881, 883, 884, 892, 893

- B. Three lavatories are provided for the passenger compartment, one forward and two aft. The forward lavatory is installed on the left side of the compartment just aft of the forward passenger door. The aft lavatories are installed against the aft pressure bulkhead, one on each side of the upper ventral stairway entrance door.

WJE 405, 406, 409, 881, 883, 884

- C. A doghouse-type stowage compartment and a coatroom are installed forward of the aft left lavatory.

WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868

- D. Three modular-type lavatories are provided for the passenger compartment, one forward and two aft. The forward lavatory is installed on the left side of the compartment just aft of the G3 and attached G3A galley unit. The aft lavatories (on all aircraft) are installed against the aft pressure bulkhead, one on each side of the upper ventral stairway entrance door.

WJE 416, 418, 420, 424, 426, 429, 869, 871, 872, 891

- E. Three modular-type lavatories are provided for the passenger compartment, one forward and two aft. The forward lavatory is installed on the left side of the compartment just aft of the G3. The aft lavatories (on all aircraft) are installed against the aft pressure bulkhead, one on each side of the upper ventral stairway entrance door.

WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868

- F. An aft coatroom/stowage compartment is installed forward of the aft right lavatory. A coatroom/stowage compartment is installed aft of the forward G2A and G3A galley units, and forward of the aft G4 and G5 galley units.

WJE 416, 418, 420, 424, 426, 429, 869, 871, 872, 891

- G. An aft coatroom/stowage compartment is installed forward of the aft right lavatory. A forward coatroom/stowage compartment is installed aft of the forward G2A galley unit, or aft of the forward G2 and G3 galley units. A coatroom/stowage compartment is installed aft of the forward G2A and G3A galley units, and forward of the aft G4 and G5 galley units.

WJE 406-408, 411, 880

- H. Three lavatories are provided for the passenger compartment, one forward and two aft. The forward lavatory is installed on the left side of the compartment just aft of the forward passenger door. The aft lavatories are installed against the aft pressure bulkhead, one on each side of the upper ventral stairway entrance door. A doghouse stowage compartment is installed on the forward side of the aft right lavatory.
- I. A single coatroom (on aircraft 101-103), also used for stowage of miscellaneous equipment, is installed just forward of the aft left lavatory. A doghouse stowage compartment is installed on the forward side of the coatroom. A coatroom unit is installed on the aft side of the forward lavatory.

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- J. Three lavatories are provided for the passenger compartment, one forward and two aft. The forward lavatory is installed on the left side of the compartment just aft of the forward G2A galley unit. The aft lavatories are installed against the aft pressure bulkhead, one on each side of the upper ventral stairway entrance door.
- K. Three coatrooms are installed, one aft of the G2 galley on the forward right of the cabin, one forward of the forward lavatory on the left side of the cabin, and one on the forward side of the aft right lavatory.

WJE 401-404

- L. Three lavatories are provided for the passenger compartment, one forward and two aft. The forward lavatory is installed on the left side of the compartment just aft of the coatroom at the forward passenger door. The aft lavatories are installed against the aft pressure bulkhead, one on each side of the upper ventral stairway entrance door.
- M. Two coatrooms, also used for stowage of miscellaneous equipment, are installed in the passenger cabin, one forward of the forward lavatory, and one aft of the G2 galley unit at the forward service door.

WJE 873, 874, 892, 893

7. Lavatories, Partitions, and Coatrooms/Stowage Units

- A. An aft coatroom is installed forward of the aft left lavatory. A doghouse-type stowage compartment is installed on the forward side of the coatroom.

WJE 875-879

8. Lavatories, Partitions, and Coatrooms

- A. Two lavatories are provided for the passenger compartment. The lavatories are installed against the aft pressure bulkhead, one on each side of the upper ventral stairway entrance door. Three windscreen partitions with seat track and ceiling attachments are installed in the passenger cabin; one each just aft of the forward passenger and galley service doors, and one on the left side of the cabin just forward of the aft galley service door (two single attendant seats are installed on the aft side of the aft service door windscreen).

WJE ALL

9. Cargo Compartments

- A. Three cargo compartments are provided in the lower fuselage just below the passenger compartment. The cargo compartments are designed for hand loading and are identified as the forward, mid, and aft compartments. Each compartment is enclosed by the passenger compartment floor beams, the cargo compartment floor, the cargo compartment floor beam side braces, and the compartment fore and aft bulkheads. The compartment ceiling, sidewalls, and floor are covered with removable laminated, glass-fiber, lining panels. The portion of the forward cargo compartment just forward of the cargo door is used for transporting animals.

WJE 405, 406, 409, 873-879, 881, 883, 884, 892, 893

- B. The doors for the forward, mid, and aft lower cargo compartments are each 53 x 50 inches (1,346 x 1,270 mm) in size and are located in the lower fuselage on the right side of the aircraft. The doors are equipped with latches actuated by external handles, which become flush with the door when the door is locked in the open or closed position.

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- C. The doors for the forward, mid, and aft lower cargo compartments are each 53 x 50 inches (1,346 x 1,270 mm) in size and are located in the lower fuselage on the right side of the aircraft. On aircraft 151-999, the door for the aft lower cargo compartment is 36 x 50 inches (914.4 x 1,270 mm) in size. The doors are equipped with latches actuated by external handles, which become flush with the door when the door is locked in the open or closed position.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- D. The doors for the forward, mid, and aft lower cargo compartments are each 53 x 50 inches (1,346 x 1,270 mm) in size and are located in the lower fuselage on the right side of the aircraft. On aircraft 201-999, the door for the aft lower cargo compartment is 36 X 50 inches (914.4 X 1,270 mm) in size. The doors are equipped with latches actuated by external handles, which become flush with the door when the door is locked in the open or closed position.

WJE 412, 414

- WJE E. The doors for the forward and mid lower cargo compartments are each 53 x 50 inches (1,346 x 1,270 mm) in size and are located in the lower fuselage on the right side of the aircraft. The door for the aft lower cargo compartment is 36 x 50 inches (914.4 x 1270 mm) in size. The doors are equipped with latches actuated by external handles, which become flush with the door when the door is locked in the open or closed position.

WJE 410

- F. The doors for the forward, mid, and aft lower cargo compartment are all 53 x 50 inches (1,346 x 1,270 mm) in size. The doors on all aircraft are equipped with latches actuated by external handles, which become flush with the door when the door is locked in the open or closed position.

WJE 886, 887

- G. The doors for the forward and mid lower cargo compartments are each 53 x 50 inches (1,346 x 1,270 mm) in size and are located in the lower fuselage on the right side of the aircraft. The door for the aft lower cargo compartment is 36 x 50 inches (914.4 x 1,270 mm) in size. Some doors are equipped with latches actuated by external handles, which become flush with the door when the door is locked in the open or closed position.

WJE 401-404, 412, 414

- H. The doors for the forward and mid lower cargo compartments are each 53 x 50 inches (1,346 x 1,270 mm) in size and are located in the lower fuselage on the right side of the aircraft. The door for the aft lower cargo compartment is 36 x 50 inches (914.4 x 1270 mm) in size. The doors are equipped with latches actuated by external handles, which become flush with the door when the door is locked in the open or closed position.

WJE ALL

- I. A manually operated cargo door barrier is installed around each cargo loading opening to prevent cargo from moving into the door area so that the cargo door can be opened or closed. Installation or removal of the door barrier attach fittings can be accomplished with gloved hands.

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10. Emergency

WJE 410

- A. Emergency equipment provided in the aircraft consists of a fire axe, installed in the flight compartment; escape lines, installed in the flight and passenger compartments; evacuation slides, installed on the galley service doors, forward entrance door, and in the tail cone compartment; life vest provisions are incorporated at each passenger seat and at each flight crew member and cabin attendant seat; two double compartments for the stowage of four 38-man life rafts, installed in the passenger cabin ceiling, one in the forward area of the cabin and the other in the overwing area of the cabin; and provisions for the installation of an emergency transmitter. In addition, the passenger seat bottom cushion and pilot seat back cushion are removable for use as flotation equipment. A manually controlled portable emergency light is installed near the forward entrance door. Self-illuminating emergency exit signs (with instructions) are installed above emergency exit doors.

WJE 405, 406, 409, 881, 883, 884

- B. Emergency equipment provided in the aircraft consists of a fire ax, installed in the flight compartment; escape lines, installed in the flight and passenger compartments (with tie-down lines in the passenger compartment at the aft overwing exits); evacuation slides, installed on the galley service doors, forward entrance door, and in the tail cone compartment; life vest provisions are incorporated at each passenger seat and at each flight crew member and cabin attendant seat; and include provisions for the installation of an emergency transmitter. In addition, the passenger seat bottom cushion and pilot seat back cushion are removable for use as flotation equipment. Two double compartments are provided in the cabin ceiling for the stowage of four 46-man life rafts, one aft of the class divider partition (or above the fifth row of passenger seats) and one above the aft overwing exits. A manually controlled portable emergency light is installed near the forward entrance door. Self-illuminating emergency exit signs (with instructions) are installed above emergency exit doors.

WJE 406-408, 411, 880

- C. Emergency equipment provided in the aircraft consists of a fire axe, installed in the flight compartment; escape lines, installed in the flight and passenger compartments; evacuation slides, installed on the galley service doors, forward entrance door, and in the tail cone compartment; life vest provisions are incorporated at each passenger seat and at each flight crew member and cabin attendant seat; two double compartments for the stowage of four 38-man life rafts, installed in the passenger cabin ceiling, one in the forward area of the cabin and the other in the overwing area of the cabin; and provisions for the installation of an emergency transmitter. In addition, the passenger seat bottom cushion and pilot seat back cushion are removable for use as flotation equipment. A manually controlled portable emergency light is installed near the forward entrance door. Self-illuminating emergency exit signs (with instructions) are installed above emergency exit doors.

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- D. Emergency equipment provided in the aircraft consists of a fire ax, installed in the flight compartment; escape lines, installed in the flight and passenger compartments (with tie-down lines in the passenger compartment at the aft overwing exits); evacuation slides, installed on the galley service doors, forward entrance door, and in the tail cone compartment; life vest provisions are incorporated at each passenger seat and at each flight crew member and cabin attendant seat; and include provisions for the installation of an emergency transmitter. In addition, the passenger seat bottom cushion and pilot seat back cushion are removable for use as flotation equipment. Two double compartments are provided in the cabin ceiling for the stowage of four 46 man life rafts, one above the seventh row of passenger seats at the front end of the cabin, and one above the aft overwing exists. A manually controlled portable emergency light is installed near the forward entrance door. Self-illuminating emergency exit signs (with instructions) are installed above emergency exit doors.

WJE 875-879

- E. Emergency equipment provided in the aircraft consists of a fire axe, installed in the flight compartment; escape lines, installed in the flight and passenger compartments; evacuation slides, installed on the galley service doors, forward entrance door, and in the tail cone compartment; life vest provisions are incorporated at each passenger seat and at each flight crew member and cabin attendant seat; and provisions for the installation of an emergency transmitter. In addition, the passenger seat bottom cushion and pilot seat back cushion are removable for use as flotation equipment. Two double compartments are provided in the cabin ceiling for the stowage of four 46-man life rafts, above the overwing emergency exits. A manually controlled portable emergency light is installed near the forward entrance door. Self-illuminating emergency exit signs (with instructions) are installed above emergency exit doors.

WJE 886, 887

- F. Emergency equipment provided in the aircraft consists of a fire axe, installed in the flight compartment; escape lines, installed in the flight and passenger compartments; evacuation slides, installed on the forward galley service door, forward entrance door, and in the tail cone compartment, an evacuation slide is also installed on the aft galley service door); life vest provisions are incorporated at each passenger seat and at each flight crew member and cabin attendant seat; two double compartments for the stowage of four 46-man life rafts, installed in the forward and overwing areas of the passenger cabin ceiling, or in the overhead stowage compartments, one double compartment in the forward area of the cabin and the other in the overwing area of the cabin; and provisions for the installation of an emergency transmitter. In addition, the passenger seat bottom cushion and pilot seat back cushion are removable for use as flotation equipment. A manually controlled portable emergency light is installed near the forward entrance door. Self-illuminating emergency exit signs (with instructions) are installed above emergency exit doors.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- G. Emergency equipment provided in the aircraft consists of a fire axe, installed in the flight compartment; escape lines, installed in the flight compartment; evacuation slides, installed on the galley service doors, forward entrance door, and in the tail cone compartment; life vest provisions are incorporated at each passenger seat and at each flight crew member and cabin attendant seat; and provisions for the installation of an emergency transmitter. In addition, the passenger seat bottom cushion and pilot seat back cushion are removable for use as flotation equipment. A manually controlled portable emergency light is installed near the forward entrance door. Self-illuminating emergency exit signs (with instructions) are installed above emergency exit doors.

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WJE 401-404, 412, 414

- H. Emergency equipment provided in the aircraft consists of a fire axe, installed in the flight compartment; escape lines, installed in the flight compartment; evacuation slides, installed on the galley service doors, forward entrance door, and in the tail cone compartment; life vest provisions are incorporated at each passenger seat and at each flight crew member and cabin attendant seat; four 46-man life rafts installed in the cabin ceiling for overwater flights; and two emergency transmitters, one at the forward left end and one at the aft right end in the overhead stowage compartments. In addition, the passenger seat bottom cushion and pilot seat back cushion are removable for use as flotation equipment. A manually controlled portable emergency light is installed near the forward entrance door. Self-illuminating emergency exit signs (with instructions) are installed above emergency exit doors.

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11. Accessory Compartments

- A. Four equipment accessory compartments are provided for the aircraft, with two of the compartments located in pressurized areas.
- (1) Forward Accessory Compartment - The pressurized forward accessory compartment is located just aft of the radome and above the nose landing gear wheelwell. Access to the compartment is through a plug-type door in the upper bulkhead of the wheelwell.
 - (2) Electrical/Electronics Compartment - The pressurized electrical/electronics compartment is located in the lower fuselage between the nose wheelwell and the forward lower cargo compartment. External access to the compartment is through a hinge-type door just aft of the nose wheelwell. Internal access to the compartment is through a door in the flight compartment floor.
 - (3) Hydraulic Accessories/Main Landing Gear Wheelwell Compartments - The major portion of hydraulic accessories are located in the main landing gear wheelwell compartments. Access to the compartments is through the wheelwell doors.
 - (4) Aft Accessory Compartment - The aft accessory compartment is located in the tail section of the fuselage aft of the pressure bulkhead. Access to the compartment is through the tail cone access door, in the bottom forward section of the tail cone, or the ventral stairway door, in the aft pressure bulkhead.
 - (5) APU Compartment - The APU compartment is located directly below the aft accessory compartment, just aft of the pressure bulkhead. Access to the APU compartment is through the aft accessory compartment.

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INTERIOR COMPONENTS - APPROVED REPAIRS

1. General

A. This section contains simple repairs for interior components. Some of the repairs can be accomplished on the aircraft; however, there are repairs that will require that the component be removed from the aircraft and repaired on a bench. Covered repairs are as follows:

- (1) Repair of crushed core and sandwich panels.
- (2) Repair of decorative surfaces.
- (3) Repair of DTL* covered honeycomb core sandwich panels.
- (4) Repair of DTL* covered aluminum panels.
- (5) Repair of polycarbonate (Lexan), ULTEM, and Declar formed panels.

NOTE: *All references to decorative Tedlar laminates will be abbreviated DTL, an accepted industry acronym.

- (6) Repair of the heat diverter panel in the E/E compartment

B. References for interior repairs are as follows:

- (1) Maintenance Manual (MM), Chapter 25.
- (2) Structural Repair Manual (SRM), Chapter 51.
- (3) Douglas Process Standards (DPS).
- (4) Douglas Process Materials (DPM).
- (5) Douglas Material Specification (DMS).

C. Access to interior repairs is through the passenger, crew and cargo compartments, galleys and lavatories.

D. Access to the Electrical/Electronics (E/E) compartment is through access panel 4501A.

2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed items:

NOTE: It is possible that some materials in the Equipment and Materials List cannot be used for some or all of their necessary applications. Before you use the materials, make sure the types, quantities, and applications of the materials necessary are legally permitted in your location. All persons must obey all applicable federal, state, local, and provincial laws and regulations when it is necessary to work with these materials.

Table 801

Name and Number	Manufacturer
Abrasive paper (400 grit), DPM 5126	Minnesota Mining & Mfg. Co. Los Angeles, CA
Abrasive paper (240-320 grit), (400-600 grit), DPM 3427	Minnesota Mining & Mfg. Co. Los Angeles, CA
Adhesive Bostik 7132, BMS 5-127, type III	Commercially available
Adhesive DAPCO 3003 or SLE 3012 A/B DPM 5429	D. Aircraft Products Co. Sub. of CYTEC Industries Anaheim, CA
Adhesive DAPCO 3021C, DPM 5397	D. Aircraft Products Co. Sub. of CYTEC Industries Anaheim, CA
Adhesive Elastomeric con- tact adhesive, P/N C-148B DPM 6307	Stabond Corp. Gardena, CA

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Table 801 (Continued)

Name and Number	Manufacturer
Adhesive Epocast 50-A/9816, Formulated Materials Group equivalent to BMS 8-201, DPM 6231-1	Ciba Geigy Corporation Los Angeles, CA
Batting (Insulation) general purpose DMS 2385, Type 2	Johns Manville Corp. Corona, CA
Batting (Insulation) high temperature DMS 1966 Class AA	Hi-Temp Insulation, Inc. Newberry Park, CA
Breather - cloth nylon, silicone treated DPM 2576	Specialized Sales Co. Costa Mesa, CA
Cleaner Joy DPM 3673	Procter & Gamble Co. Cincinnati, OH
Cleaner Formula 409 DPM 3673-1	The Clorox Co. Oakland, CA
Cover material plastic film general purpose DMS 2450, Type 1	Facile Holdings, Inc. Paterson, NJ
Cover material silicone rubber, coated glass cloth, high temperature applications, DMS 1953, Type 2	Fabri Cote Los Angeles, CA
NOTE: Any cover material that meets the requirements of DMS 2446 and DMS 1511 may be used for general purpose applications.	
Fabric woven fiberglass, DPM 5545 or MIL -C-9084, Type 8A or 8B	BFG Industries, Inc. Greensboro, NC
Fasteners nylon, P/N 3D0067-3	Dennison Manufacturing Co. Framingham, MA
Foam Last-A-Foam FR3725 & 6725, 25# density, DMS 1937	General Plastics Mfg. Co. Tacoma, WA
Form tool	Commercially available
Heat gun standard 1200 1500 watts	Commercially available
Heat sealer heat or ultra sonic seal DPS 3.070	Commercially available
Hole saw	Commercially available
Knife	Commercially available
Laminate decorative (DTL)	Schneller Prod. Kent, OH
Paint polyurethane, DPM 5391	Courtaulds Aerospace, Inc. Adhesives & Coatings Div. Berkeley, CA
Paint, water base, DPM 5948	Continental Coatings, Inc. Fontana, CA
Release film	Hexcel Corp. Trevano Div. Seguin, TX
Scissors	Commercially available
Sealant (high temperature application) DMS 1880	D. Aircraft Products Co. Sub. of CYTEC Industries Anaheim, CA
Silicone rubber, Dow Silastiv RTV B, DPM 5614	Courtaulds Aerospace, Inc. Glendale, CA

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Table 801 (Continued)

Name and Number	Manufacturer
<p><u>WARNING:</u> USE THE HAZARDOUS MATERIAL WARNINGS GIVEN BELOW FOR THE STEPS THAT FOLLOW.</p> <p>THE HAZARDOUS MATERIAL WARNINGS ARE LISTED AFTER THE INTRODUCTION SECTION IN THE FRONT OF THE AMM.</p> <p>Hazardous Material Warnings</p> <p>HAZMAT 1588, SOLVENT/MPK BLEND (DMS QPL 2458)</p> <p>HAZMAT 1000, REFER TO MSDS</p>	
MPK Blend Solvent DMS 2458	Chemetall Oakite, La Mirada, CA
<p><u>WARNING:</u> METHYL ETHYL KETONE (MEK) IS HIGHLY FLAMMABLE AND SHOULD NOT BE USED IN AIRCRAFT OR AROUND OPEN FLAME. MEK SHOULD BE USED IN WELL-VENTED AREA. WHEN USING MEK, PROTECTIVE CLOTHING AND EYE PROTECTION SHOULD BE WORN.</p>	
Solvent Methyl Ether Ketone (MEK), Boscodur 24 DPM 535	Commercially available
Spray gun paint	Commercially available
Tape double-sided, 2 inches wide Permacel 94	Permacel Buena Park, CA
Tape masking, 1-2 inches wide, DMS 1861 or equivalent	Permacel Buena Park, CA
Tape Mylar, DPM 2252, or equivalent	Permacel A Nitto Denko Co. New Brunswick, NJ
Tape DMS 1984 Type 5, Class 2 (vendor P/N 770-3FRD)	E & H Laminating and Slitting Co. Paterson, NJ
Thread DPM 2907-2	Belding-Corticelli Atlanta, GA
Wipers DMS 1820 Type 1 Class A, Grade 1	Nuway Laundry and Cleaners Los Angeles, CA
Finish water base, semigloss #5083-Series (DMQR No. 1171) DPM 5948	Continental Coatings, Inc. Fontana, CA
Finish water base, lusterless #5183-Series, (DMQR No. 1171) DPM 5949	Continental Coatings, Inc. Fontana, CA
Tape, Nylon Closure Loop, 2 x 6, DMS 2138	Aplix, Inc. Charlotte, NC
Tape, Nylon Closure Loop, 2 x 22, DMS 2138	Aplix, Inc. Charlotte, NC
Tape, Nylon Closure Loop, 1 x 8, DMS 2138	Aplix, Inc. Charlotte, NC

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Table 801 (Continued)

Name and Number	Manufacturer
Tape, Nylon Closure Loop, 1 x 7, DMS 2138	Aplix, Inc. Charlotte, NC
Tape, Adhesive, Insulation Cover Splicing DMS 1984, Type 6, Class 2	E&H Laminating & Slitting Co. Patterson, NJ
Thread, Para-Aramid (Kevlar) DPM 6571, (A-A-55220)	Synthetic Thread Bethlehem, PA
Reinforcement, Fiberglass/Neoprene Rubber Fire Resistant DMS 2034, (CRP 21273)	Chemprene, Inc. Beacon, NY
Patch, Fiberglass/Neoprene Rubber Fire Resistant DMS 2034, (CRP 21273)	Chemprene, Inc. Beacon, NY
Cloth, Fiberglass/Neoprene Rubber Fire Resistant, 16 x 45 DMS 2034, (CRP 21273)	Chemprene, Inc. Beacon, NY

3. Repair of Crushed Core and Sandwich Panels

A. The types of damage covered by repairs in this section are as follows:

- (1) Small scratches and dents.
- (2) Large dents in thin crushed core panels.
- (3) Small holes and gouges.
- (4) Damaged area more than 0.5 square inches without core damage.
- (5) Damaged area more than 0.5 square inches with core damage.

NOTE: The damaged area may not exceed 144 square inches due to strict flammability requirements specified in FAR 25.853. If damage to the part exceeds 144 square inches, the part should be removed from the aircraft and be reworked or replaced, per standard shop practice.

B. Repair Small Scratches and Dents

NOTE: Repair instructions for panels that are 0.25 inch thick or more, use this procedure to repair scratches and small dents that are 0.010 inches, or less, deep. For panels that are less than 0.25 inches thick, use this procedure to repair scratches and small dents that are not more than 0.005 inches deep.

NOTE: This repair is for damage that does not penetrate the fiberglass or carbon face sheets of the damaged panel.

- (1) Mix DAPCO 3021C filler using 2 parts A to 1 part B.

NOTE: 100 grams of mixture has pot life of 40 minutes at 77°F.

- (2) Fill damaged area with filler, making crown above damaged and adjacent area.
- (3) Cure filler 6 hours at room temperature or 45 minutes at 160°-180°F.
- (4) When filler is hard, sand with abrasive paper to smooth panel surface.
- (5) If panel is decorative, perform repair for decorative surfaces. Paragraph 6.

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C. Repair Large Dents in Crushed Core Panels

NOTE: This repair is for panels that are 0.25 inches thick or less, with dents that are more than 0.005 inches deep.

CAUTION: EXCESSIVE HEAT WILL DAMAGE DECORATIVE TEDLAR LAMINATE (DTL) MATERIAL. WHEN WORKING WITH DTL, NEVER APPLY MORE THAN 220°F.

CAUTION: PANEL WILL BECOME VERY HOT. USE CAUTION WHEN HANDLING PANEL.

- (1) On backside of damage, increase temperature of panel. Using standard 1200 to 1500 watt heat gun, heat damaged area of panel to 200+20, -10°F.
- (2) Push backside of damaged area forward, using round tool.
- (3) When panel has cooled, repair small scratches and dents.
- (4) Sand and clean surface prior to repairing decorative surface.
- (5) Repair decorative surface.

D. Repair Small Holes and Gouges

NOTE: Use this repair for damage less than 0.5 square inches and which penetrates the face sheets but not the fiberglass.

- (1) Remove particles and contaminates from damaged area/hole.

WARNING: DOUGLAS SOLVENT #64, OR ALIPHATIC NAPHTHA SOLVENT IS HIGHLY FLAMMABLE AND SHOULD NOT BE USED IN AIRCRAFT (REF. DPS 1.079).

- (2) Clean area with wiper dampened with Douglas Solvent #64, or Aliphatic Naphtha solvent, or equivalent.
- (3) Dry area with wiper.
- (4) Mix DAPCO 3003 or SLE 3012 adhesive using equal parts A and B.
- (5) Fill hole with adhesive mixture.
- (6) Let mixture cure for 8 hours at room temperature or 45 minutes at 160°-180°F.
- (7) Sand and clean surface prior to repairing decorative surface.
- (8) Repair decorative surface.

E. Repair Panels Without Core Damage

NOTE: Use this repair for panels that have damage greater than 0.5 square inches without core damage.

- (1) Remove damaged part of panel skin.
- (2) Sand area smooth.

WARNING: USE THE HAZARDOUS MATERIAL WARNINGS GIVEN BELOW FOR THE STEPS THAT FOLLOW.

THE HAZARDOUS MATERIAL WARNINGS ARE LISTED AFTER THE INTRODUCTION SECTION IN THE FRONT OF THE AMM.

Hazardous Material Warnings

HAZMAT 1588, SOLVENT/MPK BLEND (DMS QPL 2458)

HAZMAT 1000, REFER TO MSDS

- (3) Clean area with wiper dampened with MPK Blend Solvent DMS 2458 or equivalent.
- (4) Dry area with wiper.

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- (5) Mix adhesive by weight using 100 parts Epocast 50-A resin with 15 parts 9816 hardener.
NOTE: Epocast 50-A is equivalent to BMS 8-201.
- (6) Apply glass fabric impregnated with adhesive mixture overlapping damaged area by minimum 0.5 inches.
NOTE: Use 50 percent more fabric than initial skin thickness.
- (7) Let fabric/adhesive cure for 24 hours at room temperature or 2 hours at 150°-200°F.
- (8) Sand clean surface prior to repairing decorative surface.
- (9) Repair decorative surface.

F. Repair Panels with Core Damage

NOTE: Use this repair for panels with greater than 0.5 square inches damage, with core damage. Two repair procedures are provided.

- (1) Remove damaged skin until minimum of 0.5 inches of undamaged core is exposed.
- (2) Remove damaged area of core.

WARNING: USE THE HAZARDOUS MATERIAL WARNINGS GIVEN BELOW FOR THE STEPS THAT FOLLOW.

THE HAZARDOUS MATERIAL WARNINGS ARE LISTED AFTER THE INTRODUCTION SECTION IN THE FRONT OF THE AMM.

Hazardous Material Warnings

HAZMAT 1588, SOLVENT/MPK BLEND (DMS QPL 2458)

HAZMAT 1000, REFER TO MSDS

- (3) Clean area with wiper dampened with MPK Blend Solvent DMS 2458, or equivalent.
- (4) Dry area with wiper.
- (5) Repair panel as follows (Procedure 1):
 - (a) Mix adhesive by weight using 100 parts Epocast 50-A resin with 15 parts 9816 hardener.
NOTE: Epocast 50-A is equivalent to BMS 8-201.
 - (b) Add chopped fiberglass.
 - (c) Cut 1/8 inch fiberglass or equivalent to thicken resin mixture.
 - (d) Bond foam, with adhesive mixture, to area where damaged core was removed.
NOTE: Foam should be the same thickness as the honeycomb core that was removed.
 - (e) Repair to cure for 24 hours at room temperature or 2 hours at 150°-200°F.
 - (f) Mix adhesive by weight using 100 parts Epocast 50-A resin with 15 parts 9816 hardener.
NOTE: Epocast 50-A is equivalent to BMS 8-201.
 - (g) Apply glass fabric impregnated with adhesive mixture overlapping damaged area by a minimum of 0.5 inches.
NOTE: Use 50 percent more fabric than initial skin thickness.
 - (h) Let fabric/adhesive cure for 24 hours at room temperature or 2 hours at 150°-200°F.
 - (i) Sand and clean surface prior to repairing decorative surface.
 - (j) Repair decorative surface.
- (6) Repair panel as follows (Procedure 2):
 - (a) Mix DAPCO 3003 (100/100) or Epocast 50-A/9816 (100/15).

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- (b) Fill damaged area with adhesive mixture.
- (c) Repair to cure for 24 hours at room temperature or 2 hours room temperature followed by 2 hours 120°-140°F.
- (d) Mix adhesive by weight using 100 parts Epocast 50-A resin with 15 parts 9816 hardener.
NOTE: Epocast 50-A is equivalent to BMS 8-201.
- (e) Apply glass fabric impregnated with adhesive mixture overlapping damaged area by a minimum of 0.5 inches.
NOTE: Use 50 percent more fabric than initial skin thickness.
- (f) Let fabric/adhesive cure for 24 hours at room temperature or 2 hours at 150°-200°F.
- (g) Sand and clean surface prior to repairing decorative surface.
- (h) Repair DTL surface.

4. Repair of Potted Insert

A. Repair Insert. Refer to DPS 1.902

- (1) Remove damaged skin until minimum of 0.5 inches on all sides of damaged area is exposed.

WARNING: USE THE HAZARDOUS MATERIAL WARNINGS GIVEN BELOW FOR THE STEPS THAT FOLLOW.

THE HAZARDOUS MATERIAL WARNINGS ARE LISTED AFTER THE INTRODUCTION SECTION IN THE FRONT OF THE AMM.

Hazardous Material Warnings

HAZMAT 1588, SOLVENT/MPK BLEND (DMS QPL 2458)

HAZMAT 1000, REFER TO MSDS

- (2) Clean area with wiper dampened with MPK Blend Solvent DMS 2458, or equivalent.
- (3) Dry area with wiper.
- (4) Cut around insert, from backside of panel, using hole saw or equivalent tool.

NOTE: Do not cut front side of panel.

CAUTION: EXCESSIVE HEAT WILL DAMAGE DTL MATERIAL. WHEN WORKING WITH DTL, DO NOT EXCEED 220°F.

- (5) With heat gun, increase temperature of insert until it can be easily removed from panel.

NOTE: If heat is not used to remove the insert, damage can occur to the front side of the panel.

- (6) Mix DAPCO 3003 or SLE 3012 adhesive, 100 parts A to 100 parts B.
- (7) Fill hole using adhesive mixture.
- (8) Push new insert slowly into mixture. Let mixture flow around insert and completely fill hole.
- (9) Repair to cure for 24 hours at room temperature or 2 hours room temperature followed by 2 hours at 120°-140°F.
- (10) Remove excess adhesive, sand and clean area around insert.
- (11) Repair skin with repair for panels with no core damage.

5. Repair of Bassinet Fittings

A. Repair Fittings

- (1) Remove old epoxy residue.

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- (2) Remove some material from under top skin.
- (3) Mix DAPCO 3003 or SLE 3012 adhesive, 100 parts A to 100 parts B.
- (4) Fill hole with adhesive mixture.
- (5) Apply Mylar tape, or equivalent, to make cover on end of hole in fitting.
- (6) Slowly push fitting into hole.
- (7) Remove excess adhesive from around fitting.
- (8) Repair to cure for 24 hours at room temperature or 2 hours at room temperature followed by 2 hours at 120°-140°F.

6. Repair of Decorative Tedlar Laminate (DTL) Surfaces

A. Repair DTL Surfaces

NOTE: Repair instructions for damaged decorative surfaces which have small scratches, small holes and gouges. The depth of the damaged area cannot exceed 0.010 inches in a DTL covered, crushed core panel that is 0.25 inches thick or larger. The depth of the damaged area cannot exceed 0.005 inches in a panel that is less than 0.25 inches thick.

(1) Paint Touch-up Repair DTL Surfaces:

- (a) It is acceptable to use paint touch-up for a damaged area of 9.0 in² (58.1 cm²).

WARNING: USE THE HAZARDOUS MATERIAL WARNINGS GIVEN BELOW FOR THE STEPS THAT FOLLOW.

THE HAZARDOUS MATERIAL WARNINGS ARE LISTED AFTER THE INTRODUCTION SECTION IN THE FRONT OF THE AMM.

Hazardous Material Warnings

HAZMAT 1339, FINISH/WATER BASE/LUSTERLESS (DPM 5949)

HAZMAT 1000, REFER TO MSDS

- (b) It is acceptable to use the paint finishes DPM 5948, Finish Water Base, Semigloss, or DPM 5949, Finish Water Based, Lusterless.

B. Repair Small Scratches and Marks

NOTE: Do not rub the DTL layer off of the panel. If the DTL is damaged, the DTL will have to be replaced.

- (1) Lightly sand area until smooth.
- (2) Polish area with buffing wheel and buffing compound until area matches adjacent area.

C. Repair Glossy Areas

- (1) Polish area with buffing wheel and buffing compound until area is as glossy as adjacent area.

NOTE: Do not rub DTL layer off of panel. If DTL is damaged, DTL will have to be replaced.

D. Repair Small Holes and Gouges

- (1) Mix DAPCO 3021C filler using 2 parts A to 1 part B.
- (2) Apply filler to damaged area.
- (3) Make certain hole is completely filled.
NOTE: Excess will be removed later.
- (4) When filler is hard, sand area until smooth and surface is level.
- (5) If necessary, refinish decorative surface.

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- E. Apply DTL Heat Activated Adhesive. Refer to DPS 1.094

NOTE: Repair panel before applying DTL.

- (1) Remove trim strips from panel.
- (2) Sand until area has matte finish (not glossy).

WARNING: USE THE HAZARDOUS MATERIAL WARNINGS GIVEN BELOW FOR THE STEPS THAT FOLLOW.

THE HAZARDOUS MATERIAL WARNINGS ARE LISTED AFTER THE INTRODUCTION SECTION IN THE FRONT OF THE AMM.

Hazardous Material Warnings

HAZMAT 1588, SOLVENT/MPK BLEND (DMS QPL 2458)

HAZMAT 1000, REFER TO MSDS

- (3) Clean area with wiper dampened with MPK Blend Solvent DMS 2458.
- (4) Dry area with wiper.
- (5) Mix 9 parts, by weight, of Bostik 7132 adhesive with 1 part Boscodur 24.
- (6) Let mixture stand for 2 minutes.

WARNING: METHYL ETHYL KETONE (MEK) IS HIGHLY FLAMMABLE AND SHOULD NOT BE USED IN AIRCRAFT OR AROUND OPEN FLAME. MEK SHOULD BE USED IN WELL-VENTED AREA. WHEN USING MEK, PROTECTIVE CLOTHING AND EYE PROTECTION SHOULD BE WORN.

- (7) If mixture is to be sprayed, use, by volume, 1 part adhesive mixture with 1 part MEK.
- (8) Spray or apply mixture to panel surface with brush.
- (9) Let surface dry for minimum of 2 hours.

NOTE: Surface must be thoroughly dry before DTL is bonded on. If DTL is placed on wet surface, the bond will not hold.

NOTE: Make certain that correct DTL is applied to panel.

- (10) Lay DTL in position and secure DTL with masking tape.
- (11) Smooth DTL to ensure there are no bubbles or creases.

CAUTION: EXCESSIVE HEAT WILL DAMAGE DTL MATERIAL. WHEN WORKING WITH DTL, NEVER APPLY MORE THAN 220°F.

- (12) Use heat gun to increase temperature of DTL to activate adhesive.

- F. Apply Decorative DTL with Pressure Sensitive Adhesive

NOTE: Use this procedure to apply DTL to non-acoustical panels, with flat surfaces or simple contours.

NOTE: Douglas Aircraft Company (DAC) never delivered aircraft with pressure sensitive adhesive. DAC aircraft only use heat-activated adhesive.

NOTE: Repair panel before applying the DTL.

- (1) Remove trim strips from panel.
- (2) Sand area where adhesive will be applied to remove debris and contaminants.

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WARNING: USE THE HAZARDOUS MATERIAL WARNINGS GIVEN BELOW FOR THE STEPS THAT FOLLOW.

THE HAZARDOUS MATERIAL WARNINGS ARE LISTED AFTER THE INTRODUCTION SECTION IN THE FRONT OF THE AMM.

Hazardous Material Warnings

HAZMAT 1588, SOLVENT/MPK BLEND (DMS QPL 2458)

HAZMAT 1000, REFER TO MSDS

- (3) Clean area with wiper dampened with MPK Blend Solvent DMS 2458 or equivalent.
- (4) Dry area with wiper.
- (5) Remove release paper from laminate. Make certain patterned laminate is positioned correctly.

NOTE: If patterns are not aligned, repair may not be acceptable.

- (6) Apply DTL. If air bubbles form between DTL and panel, use squeegee to smooth out air bubbles.

CAUTION: EXCESSIVE HEAT WILL DAMAGE DTL MATERIAL. WHEN WORKING WITH DTL, NEVER APPLY MORE THAN 220°F.

- (7) Use heat gun to increase temperature of DTL material.

NOTE: A constant temperature should be maintained across surface of DTL.

- (8) Rub DTL until bond is smooth and no bubbles are visible.
- (9) Use vacuum to ensure that DTL is thoroughly bonded to panel. Refer to Ref. DPS 1.094.
- (10) Use vacuum as follows:
 - (a) Use max vacuum that will not damage panel.
 - (b) Let DTL cure for 8 minutes at 180 to 190°F.
 - (c) Let panel cool (<90°F) before removing vacuum pressure.

7. Repair Nomex Honeycomb Sandwich Panels with DTL Cover

NOTE: The damaged area may not exceed 144 square inches due to strict flammability requirements specified in FAR 25.853. If damage to the part exceeds the above limit, the part should be removed from the aircraft to be reworked and/or replaced, per standard shop practice.

A. Repair Flat Panels or Simple Contoured Panels with Large Radii

- (1) Secure template with correct hole diameter on damaged area with double-faced tape.
- (2) Remove damaged area using hole saw.

NOTE: Use a guard to protect backside of the panel.

- (3) Mix adhesive by weight using 100 parts Epocast 50-A resin with 15 parts 9816 hardener.

NOTE: Epocast 50-A is equivalent to BMS 8-201.

- (4) Attach template to 25# density foam with double-sided tape.

NOTE: The hole diameter of the foam must equal the inner diameter of the hole in the panel.

NOTE: The foam must be the same thickness as the honeycomb core cut from the damaged area.

- (5) Cut repair plug from foam.
- (6) Sand plug to fit hole.

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- (7) Bond foam plug to DTL contour with adhesive mix. Cure for 24 hours at room temperature or 2 hours at 150°-200°F.
- (8) Fill clearance around plug with adhesive mixture. Make certain hole is completely filled.
- (9) Cure for 24 hours at room temperature or 2 hours at 150°-200°F.
- (10) Mask area around repair.
- (11) Sand and clean surface prior to repairing decorative surface.
- (12) Repair decorative surface.

B. Repair Panels with Compound Curvature

- (1) Attach template with correct hole diameter over damaged area, using double-faced tape.
- (2) Cut out damaged area cutting through entire thickness of panel.

NOTE: In areas where a template cannot be used, drill a 1/4 inch hole through damaged area. Use hole saw with a 1/4 inch pilot to remove the damaged area.

- (3) Fill hole from non-decorative side of panel with adhesive, 100 parts 50-A resin to 15 parts 9816 hardener.
- (4) Cure for 24 hours at room temperature or for 2 hours at 150°-200°F.
- (5) Sand and clean surface prior to repairing the DTL surface.
- (6) Repair decorative surface.

8. Repair DTL Covers on Aluminum Panels

NOTE: To repair scratches or small dents, of no more than 1.5 inches in diameter, use procedures for crushed core panels.

NOTE: Damaged area may not exceed 144 square inches due to strict flammability requirements specified in FAR 25.853. If damage to part exceeds above limit, part should be removed from aircraft and reworked and/or replaced, per standard shop practice.

9. Repair Polycarbonate (Lexan), Ultem and Declar Plastics

NOTE: Refer to SRM Thermoplastic Repair Chapter 51 and DPS 1.441.

NOTE: The following repairs are for cracks and gouges in decorative and non-decorative plastics.

NOTE: The damaged area may not exceed 144 square inches due to strict flammability requirements specified in FAR 25.853. If the damage to the part exceeds the above limit, the part should be removed from the aircraft and be reworked or replaced, per standard shop practice.

A. Repair Cracked Areas

- (1) Mix adhesive by weight using 100 parts Epocast 50-A resin with 15 parts 9816 hardener.

NOTE: Epocast 50-A is equivalent to BMS 8-201.

- (2) Impregnate glass cloth with adhesive mixture.
- (3) Apply glass cloth to underside of damaged area as follows:
 - (a) Apply 1 ply to panels which are 0.010 to 0.039 inches thick.
 - (b) Apply 2 plies to panels which are 0.040 to 0.080 inches thick.
 - (c) Apply 3 plies to panels which are 0.081 inches thick, or greater.
- (4) Overlap damaged area by 1 inch on all sides.
- (5) Sand surface to smooth/matte.

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WARNING: USE THE HAZARDOUS MATERIAL WARNINGS GIVEN BELOW FOR THE STEPS THAT FOLLOW.

THE HAZARDOUS MATERIAL WARNINGS ARE LISTED AFTER THE INTRODUCTION SECTION IN THE FRONT OF THE AMM.

Hazardous Material Warnings

HAZMAT 1588, SOLVENT/MPK BLEND (DMS QPL 2458)

HAZMAT 1000, REFER TO MSDS

- (6) Clean surface with wiper and MPK Blend Solvent DMS 2458, or equivalent.
- (7) Cure repair for 24 hours at room temperature or for 2 hours at 150°-200°F.
- (8) Repair decorative surface.

NOTE: If part is decorative, apply glass cloth to back of part. Glass may be applied to the front side of the damaged part if it will not be visible. Glass layers must be as thick as the part, at the crack.

B. Repair Gouged Areas

- (1) Mix adhesive by weight using 100 parts Epocast 50-A resin with 15 parts 9816 hardener.

NOTE: Epocast 50-A is equivalent to BMS 8-201.

- (2) Apply glass cloth impregnated with adhesive mixture to underside of damaged area as follows:
 - (a) Apply 1 ply to panels which are 0.010 to 0.039 inches thick.
 - (b) Apply 2 plies to panels which are 0.040 to 0.080 inches thick.
 - (c) Apply 3 plies to panels which are 0.081 inches thick, or greater.
- (3) Fill hole, from top, with milled glass fibers impregnated with adhesive mixture, to flush condition.
- (4) Cure for 24 hours at room temperature or for 2 hours at 150°-200°F.
- (5) Apply glass fabric impregnated with adhesive mixture over damaged area overlapping damaged area by 1.00 inch on all sides. Paragraph 9.B.(2)(a) and Paragraph 9.B.(2)(c)
- (6) Sand and clean repaired area.
- (7) Cure for 24 hours at room temperature or for 2 hours at 150°-200°F.
- (8) Finish surface, as necessary.

NOTE: Dents are repaired the same as a gouge. Remove the damaged area and repair as a gouge/hole.

C. Repair Radius Damage

NOTE: Form tool to radius dimensions.

- (1) Place release film between tool and damaged area.
- (2) Mix adhesive by weight using 100 parts Epocast 50-A resin with 15 parts 9816 hardener.

NOTE: Epocast 50-A is equivalent to BMS 8-201.
- (3) Fill gap from underside of damaged area with milled glass cloth impregnated with adhesive mixture.
- (4) Add glass cloth plies as required to underside of damaged area as follows:
 - (a) Add 1 ply if panel is 0.010 to 0.039 inches thick.
 - (b) Add 2 plies if panel is 0.040 to 0.80 inches thick.
 - (c) Add 3 plies if panel is 0.081 inches thick, or greater.

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- (5) Overlap damaged area with glass cloth by 1.00 inch on all sides.
- (6) Remove tool and release film.
- (7) Sand and clean surface.
- (8) Cure 24 hours at room temperature or 2 hours at 150°-200°F.

10. Repair of Insulation Blankets

NOTE: All cuts, tears, holes and abrasions must be repaired. No fiberglass batting may be exposed. Replace badly damaged blankets. If the batting is wet, dry the batting and repair the cover, or replace the blanket.

NOTE: The repairs are for both plastic films and vinyl-coated glass cloth blanket cover materials.

A. Repair Cuts, Tears, Holes and Abrasions

- (1) Repair blankets using 770-3FRD tape.
- (2) Cut tape to cover damaged area plus 1/2 inch overlap of undamaged area.
- (3) Repair larger damaged areas with patch made from cover material.
- (4) Cut patch to cover damaged area, plus minimum of 1 inch overlap of undamaged area.
- (5) Cement patch to blanket with Elastomeric contact adhesive or use 770-3FRD tape.

11. Fabrication of Insulation Blankets

NOTE: Replace all excessively damaged or wet insulation blankets. The procedures in this paragraph include the fabrication of new or replacement insulation blankets.

NOTE: Insulation blankets that are wet will reduce the thermal and acoustic properties of the blankets. Wet blankets may also add weight to the aircraft.

CAUTION: NO FIBERGLASS BATTING MAY BE EXPOSED. USE PRECAUTIONS WHEN WORKING WITH FIBERGLASS MATERIAL. DO NOT GET GLASS FIBERS ON SKIN. USE CAUTION WHEN CUTTING FIBERGLASS BATTING. DO NOT BREATHE LOOSE GLASS FIBERS.

A. Fabricate General Purpose Interior Insulation Blankets

- (1) Select cover material as follows:
 - (a) General application, plastic film.
 - (b) High temperature, silicone rubber coated glass.
- (2) Select batting material as follows:
 - (a) Fiberglass
 - (b) Fiberglass, silicone bonded.
- (3) Use damaged blanket as template for overall dimensions of new blanket.
- (4) Mark new cover with location of breathers and other details, per following instructions or per applicable blueprint/standards drawing.
- (5) Mark cover with DMS designation for cover material and part number of blanket.

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- (6) Add breathers, as marked, to cover.

NOTE: There are three types of breathers which consist of perforated, nylon cloth and guarded breathers:

NOTE: A perforated breather is a series of pinholes in a tight circular pattern, about 2 inches in diameter. Perforated breathers are added to the blanket after the blanket is sealed.

NOTE: A nylon cloth breather is a hole, about 1 1/2 inches in diameter, in the cover material with a silicone nylon material breather, held in place by a larger piece of cover material, which has a hole corresponding to the hole in the blanket cover. Cement the breather and breather cover to the blanket cover.

NOTE: A guarded breather is a hole, about 1 1/2 inches in diameter, in the cover material that is covered by a silicone treated nylon patch that is held in place by an 8 inch diameter circular piece of cover material. The large patch has a 1 1/2 inch hole in the center. In between the nylon breather and the breather cover, add 2-3 layers of 2 inch square pieces of batting which are large enough to cover the hole. Cement the large circular patch over the breather and the batting.

NOTE: Breathers for blanket constructions used on the DC-8/DC-10/MD-11 aircraft should be installed on the inboard face of the blanket. Breathers used on the DC-9/MD-80/MD-90 should be installed on the outboard face of the blanket, except that the window "horse collar" blankets and the forward/aft lower cargo compartment blanket breathers should be installed facing inboard.

- (7) Seal (or stitch) 3 sides of cover. Sealing is preferred for plastic film material. Inside seams, such as window cutouts, need to be stitched.

NOTE: If stitched, apply sealant or tape over the stitches to ensure a watertight seam.

- (8) Cut batting in 2 to 3 1 inch layers to fit cover envelope.
- (9) Insert batting, keeping scrim side of batting facing outside of blanket construction.
- (10) Seal/stitch remaining edge and large cutouts.
- (11) Make certain that all seams are watertight and no batting is exposed.
- (12) Sew or tape all holes made to accommodate wire bundles, support struts, etcetera.
- (13) Insert nylon fasteners through blanket, at 18-inch intervals to reduce shifting of batting in cover.
- NOTE: In very thick blankets, a stovepipe may be required to protect controlled opening. A stovepipe is a piece of cover material that is sealed to form tube that is as long as thickness of the blanket. A flange is added to both ends of the tube. The flange serves as a bonding surface on both sides of the blanket.

- (14) Insert stovepipe through blanket and cement flanges to surface of blanket.

- (15) Make certain that all seams are sealed and opening is watertight.

12. Repair of the Electrical/Electronics Compartment Heat Diverter Panel (Option 1)

- A. Repair the heat diverter panel as follows: (Figure 801)

NOTE: This repair is applicable to equivalent damaged panels.

- (1) Do a small or full removal of nylon tape 2 x 6 and nylon tape 2 x 22 or nylon tape 1 x 8 and nylon tape 1 x 7 to put the fiberglass/neoprene patch in position to sew on the fiberglass/neoprene cloth.
- (2) Use 6 to 8 stitches of Kevlar for each 1 in. (25 mm) to sew the fiberglass/neoprene cloth together.
- (3) Sew the fiberglass/neoprene patch on each side of the fiberglass/neoprene cloth with the fiberglass/neoprene reinforcement.

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- (4) Sew nylon tape 2 x 6 and nylon tape 2 x 22 or nylon tape 1 x 8 and nylon tape 1 x 7 back on the fiberglass/neoprene cloth.
- (5) Sew a minimum of 2 rows of stitches on the perimeter edges of the fiberglass/neoprene patch.
- (6) From the inner row of repair stitches, keep a 1 in. (25 mm) overlap between the damaged tear curves or adjacent cutouts and the fiberglass/neoprene patch.
- (7) Seal the edge of the fiberglass/neoprene patch with insulation cover splicing adhesive tape.

13. Repair of the Electrical/Electronics Compartment Heat Diverter Panel (Option 2)

A. Repair the heat diverter panel as follows: (Figure 801)

NOTE: This repair is applicable to equivalent damaged panels.

- (1) Do a small or full removal of nylon tape 2 x 6 and nylon tape 2 x 22 or nylon tape 1 x 8 and nylon tape 1 x 7 to put the insulation cover splicing adhesive tape in position to bond on the fiberglass/neoprene cloth.
- (2) Use 6 to 8 stitches of Kevlar for each 1 in. (25 mm) to sew the fiberglass/neoprene cloth together.
- (3) Bond the insulation cover splicing adhesive tape on each side of the fiberglass/neoprene cloth with the fiberglass/neoprene reinforcement.
- (4) Sew nylon tape 2 x 6 and nylon tape 2 x 22 or nylon tape 1 x 8 and nylon tape 1 x 7 back on the fiberglass/neoprene cloth.
- (5) Sew a minimum of 2 rows of stitches on the perimeter edges of the insulation cover splicing adhesive tape.
- (6) From the inner row of repair stitches, keep a 1 in. (25 mm) overlap between the damaged tear curves or adjacent cutouts and the insulation cover splicing adhesive tape.

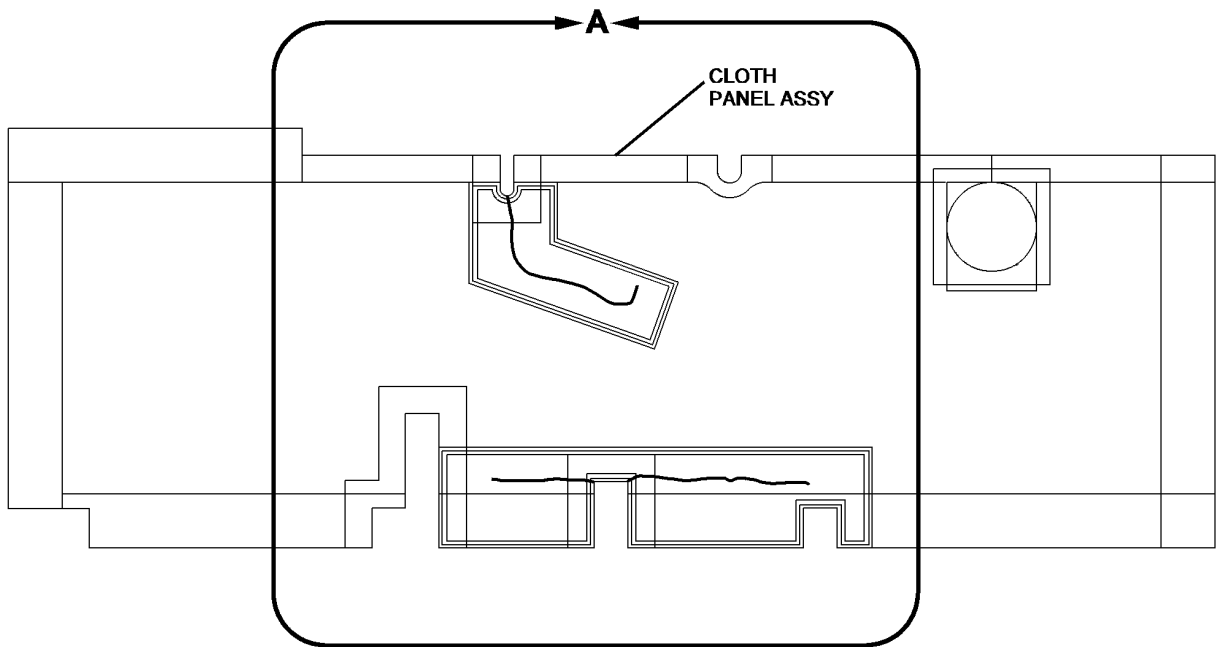
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**TYPICAL TEARING DAMAGE REPAIR
(PANEL ASSEMBLY SHOWN)**

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S0000470764V1

**E/E Heat Diverter Panel Repair
Figure 801/25-00-00-990-801 (Sheet 1 of 3)**

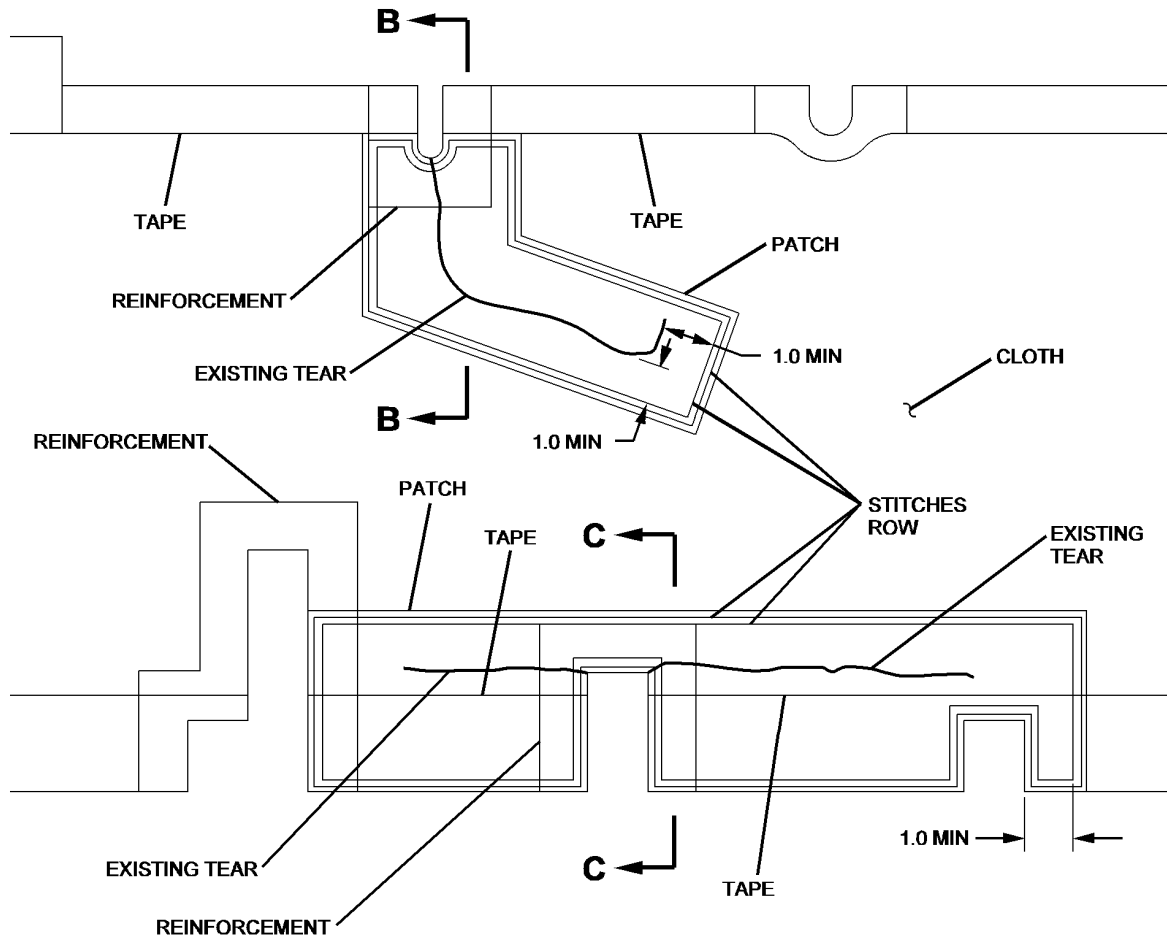
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VIEW A

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S0000470765V1

**E/E Heat Diverter Panel Repair
Figure 801/25-00-00-990-801 (Sheet 2 of 3)**

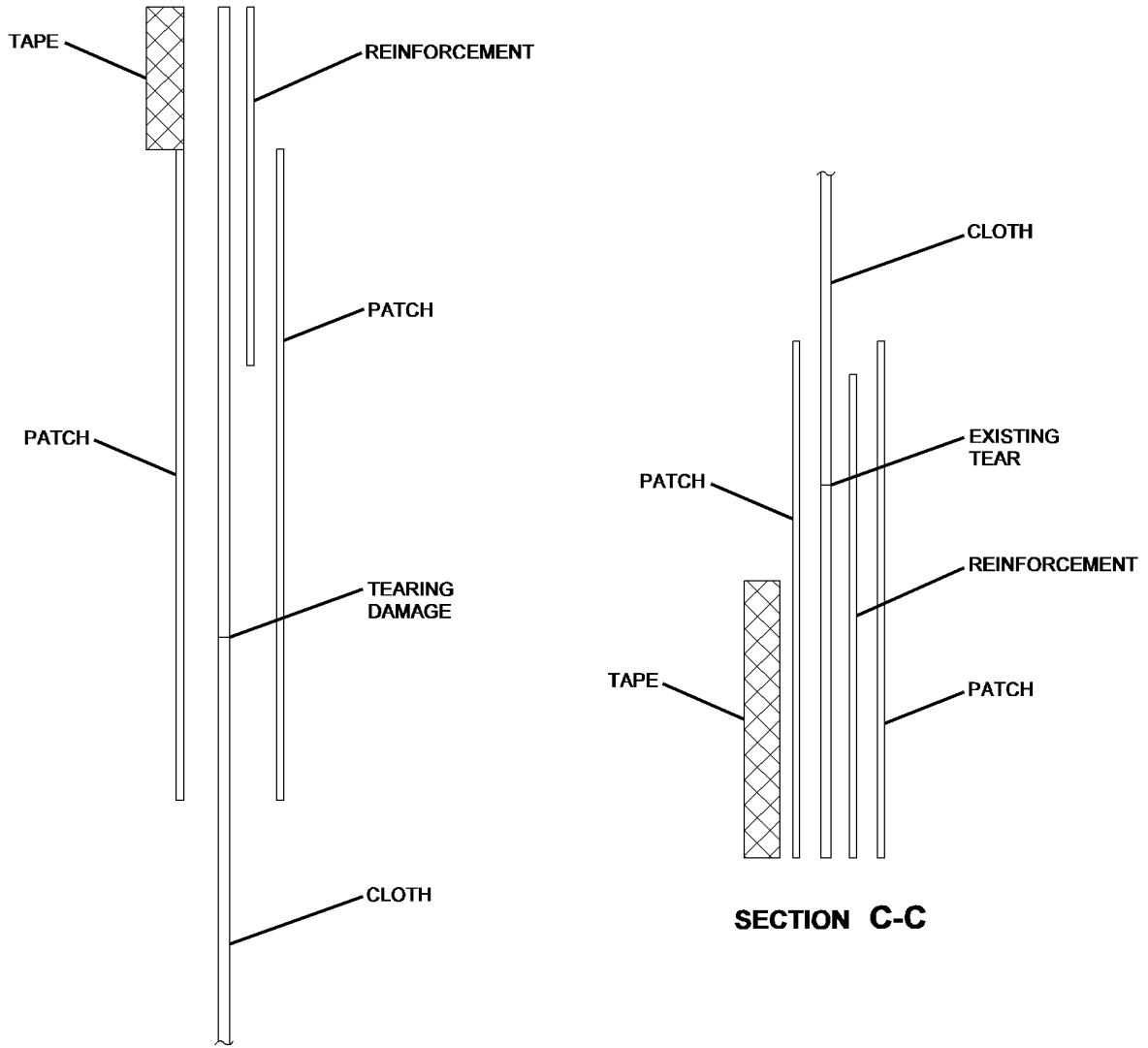
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SECTION B-B

SECTION C-C

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**E/E Heat Diverter Panel Repair
Figure 801/25-00-00-990-801 (Sheet 3 of 3)**

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FLIGHT COMPARTMENT - DESCRIPTION AND OPERATION

1. General

- A. The flight compartment, located in the nose section of the aircraft, has stations accommodating flight crew members which include a captain, a first officer, and a flight observer.
- B. The flight compartment is separated from the passenger compartment by galley unit No. 1 on the right side, the electrical power center (EPC) bulkhead on the left side, and a folding door between the EPC bulkhead and galley unit No. 1.
- C. A fire ax is mounted on the forward face of the electrical power center. (For locations and types of fire extinguishers, refer to PORTABLE FIRE EXTINGUISHERS - MAINTENANCE PRACTICES, PAGEBLOCK 26-20-05/201

2. Flight Compartment

A. Description

- (1) Pilot's Equipment - The flight compartment pilot's equipment includes adjustable seats, shoulder harnesses, seat belts, and necessary instruments and controls for the operation of the airplane.
- (2) Pilot's Accommodations - The flight compartment has accommodations on the left side for the captain, and on the right side for the first officer. The captain's and first officer's instrument panels contain duplicate flight instruments. A single set of engine instruments is installed in the center for the captain's and first officer's use.
 - (a) Side consoles are located outboard of the captain's and first officer's seats; and contain ashtrays, coffee cup holders, writing tables, and storage space for oxygen masks, headsets and briefcase. A briefcase restraint strap is also provided for the side consoles.

WJE 405-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (b) A data stowage compartment is located on the right side, aft of the first officer's console. A nosewheel steering control and parking brake is located on the left side, forward of the captain's console. The control pedestal, located between the captain's and the first officer's seats, contains the engine controls, autopilot controls, radio controls, and flight trim controls.

WJE 401-404, 412, 414

- (c) A data stowage compartment, including an automatic communications addressing and reporting system (ACARS) printer is located on the right side just aft of the first officer's console. A nosewheel steering control and parking brake is located on the left side, forward of the captain's console. The control pedestal, located between the captain's and the first officer's seats, contains the engine controls, autopilot controls, radio controls, and flight trim controls.

WJE ALL

- (3) Observers Seat and Side Console - The observer's seat is located between the electrical power center bulkhead and galley unit No. 1, just forward of the folding door. A side console, consisting of an ashtray, coffee cup holder, and stowage compartment is installed adjacent to the rigid folding observer's seat.
- (4) Lining and Insulation - The ceiling and sidewalls of the flight compartment are covered with a flame-resistant plastic lining, easily washable, and readily removable for structural inspection. The soundproofing insulation used in the compartment consists of flame-resistant, low-density, fiberglass material, also readily removable for structural inspection.

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- (5) Floor Panels - The flight compartment floor area is covered with aluminum-alloy panels in the forward raised floor section and between the compartment lower seat tracks aft to EPC bulkhead and G1 galley unit. The outboard and center floor areas aft of the raised floor section are covered with nonmetallic-sandwich panels. For details on flooring, refer to FLIGHT AND PASSENGER COMPARTMENT FLOOR PANELS, SUBJECT 53-20-01, Page 201.

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FLIGHT COMPARTMENT LINING AND INSULATION - DESCRIPTION AND OPERATION

1. General

- A. The habitable portion of the fuselage nose section is insulated for acoustical and thermal requirements and is lined for appearance and durability.

2. Flight Compartment Lining and Insulation

A. Description

- (1) Lining - The lining is installed over the insulation to form the finished interior of the flight compartment. The lining is made of formed plastic sheet material and is attached to the interior of the nose section by screws. Removable sections of lining provide access for inspection and structural repair.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (2) Insulation - Insulation blanket sections are made of low-density fiberglass batting, covered with a light flexible coated cloth. Blanket sections are attached to the fuselage skin and frames by spot cementing or by screw-on plastic retaining discs.

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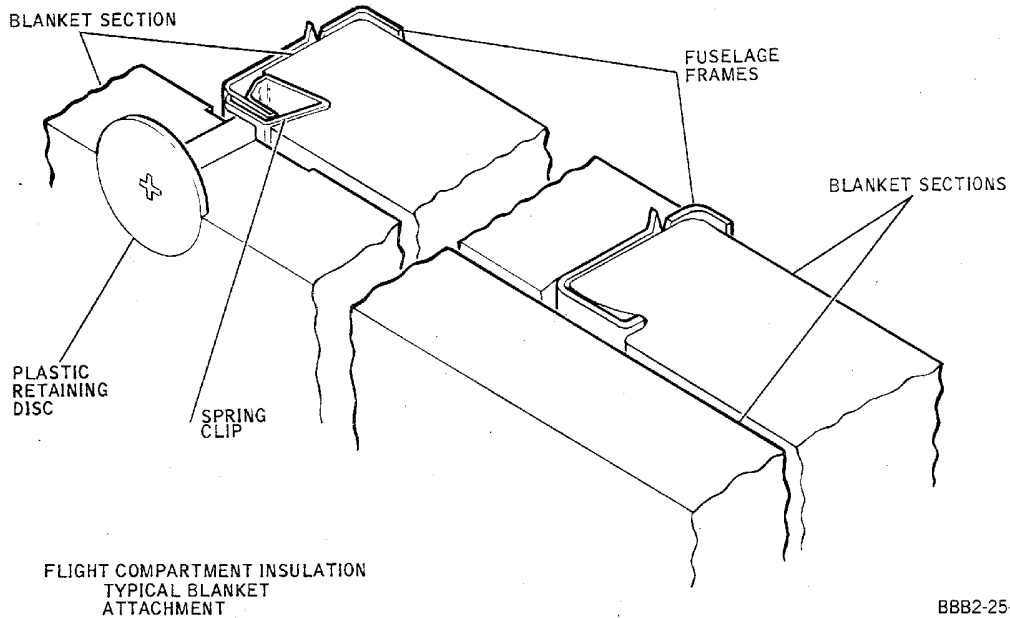
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FLIGHT COMPARTMENT LINING AND INSULATION - MAINTENANCE PRACTICES

1. General

- A. Maintenance of flight compartment lining and insulation consists of removal, installation, cleaning, and approved repairs by patching of affected sections. When lining and insulation (blanket sections) are damaged excessively, the section should be replaced with a new section. Approved repairs can be made normally without removing the section from its location. (Figure 201)
- B. To remove Corrosion Inhibiting Compounds (CICs) that may be used, clean per Paragraph 5..



**Flight Compartment Insulation
Figure 201/25-11-00-990-801**

2. Equipment and Materials

WARNING: ITEM IDENTIFIED WITH AN ASTERISK (*) IS FLAMMABLE. SUPPLY ADEQUATE VENTILATION AND EXERCISE APPROPRIATE PRECAUTIONARY MEASURES. CONSULT LOCAL AUTHORITY OR REGULATORY AGENCY, FOR FIRE PREVENTION AND PERSONNEL HEALTH AND SAFETY WHEN USING FLAMMABLE MATERIAL.

NOTE: Equivalent substitutes may be used instead of the following listed items.

NOTE: It is possible that some materials in the Equipment and Materials List cannot be used for some or all of their necessary applications. Before you use the materials, make sure the types, quantities, and applications of the materials necessary are legally permitted in your location. All persons must obey all applicable federal, state, local, and provincial laws and regulations when it is necessary to work with these materials.

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Table 201

Name and Number	Manufacturer
Tape, adhesive transfer radiant panel tested DPM 6570	Minn. Mining & Mfg. Co., Los Angeles, CA, # Scotch 468MP
Blanket material, Insulfab 330, Type 2 DMS 2450	Chase Facile, Inc. 185 Sixth Avenue Paterson, NJ 07509
Tape adhesive 770-3 FRD Type 6, Class 2 DMS 1984	E & H Laminating & Slitting Co. 138 Grand St. Paterson, NJ 07501
Sheet, rigid, thermoformable plastic (lining), Boltarion 6800 Series	Diversitech Gen Inc. Plastic Film Div. Newcomberstorm, Ohio
Adhesive, EC-1099	Minnesota Mining & Mfg. Co.
* Denatured alcohol	Commercially available
Mild detergent (Joy) DPM 3673 or Mild detergent (Formula 409) DPM 3673-1 or Aircraft interior cleaner DPM 6146 No. 25010	Proctor & Gamble Co. Cincinnati, Ohio The Clorox Co. Oakland, Calif. AQUANESS Chemical Calla Works Div. of Magna Corp. Stanton, Calif.
Mild cleaner Aliphatic Naphtha Citra-Safe Biogenic SE377C	

3. Removal/Installation Flight Compartment Lining and Insulation

A. Remove Lining and Blanket Section

- (1) Remove only necessary equipment to gain access to affected area.
- (2) Remove attach screws from lining.
- (3) Remove lining.
- (4) Remove plastic retaining discs from blanket section.
- (5) Break seal at blanket flaps. Remove blanket section.

B. Install lining and Blanket Section

- (1) Ensure area is clean where blanket section is to be installed by using denatured alcohol to clean surface, as necessary.
- (2) Apply 2-inch spots of adhesive (DPM 6570) or equivalent, approximately 10 inches (254.0 mm) from center line to outer edge of blanket section.
- (3) Hold blanket in place and install plastic retaining discs.
- (4) Press blanket in place with light hand pressure.
- (5) Cement over frame blanket flaps, as applicable, to adjacent blanket section with adhesive (745-D5).
- (6) Hold lining section in place and install attaching screws.
- (7) Replace removed equipment.

4. Approved Repairs Flight Compartment Lining and Insulation

A. Repair Lining

- (1) Clean area surrounding damage with denatured alcohol.

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(2) Cement a piece of lining material over hole or crack in lining with adhesive (EC-1099), or equivalent.

B. Repair Blanket Section

(1) Clean area surrounding damage with denatured alcohol.

(2) Cement a piece of blanket material (DMS 2450) over hole or tear in blanket section with adhesive (DPM 6570), or equivalent.

5. Cleaning Blankets

A. Clean Blankets

WARNING: LIQUID DETERGENT IS AN AGENT THAT IS AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN LIQUID DETERGENT IS USED.

- DO NOT USE IN AREAS WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
- USE IN AN AREA OPEN TO THE AIR.
- CLOSE THE CONTAINER WHEN NOT USED.
- DO NOT GET LIQUID DETERGENT IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
- DO NOT BREATHE THE GAS.

WARNING: REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIER'S MSDS FOR:

- MORE PRECAUTIONARY DATA
- APPROVED SAFETY EQUIPMENT
- EMERGENCY MEDICAL AID.

TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE PROCEDURES TO DISCARD THESE HAZARDOUS AGENTS.

WARNING: LIQUID OR SPRAY CLEANER IS AN AGENT THAT IS AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN LIQUID OR SPRAY CLEANER IS USED.

- DO NOT USE IN AREAS WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
- USE IN AN AREA OPEN TO THE AIR.
- CLOSE THE CONTAINER WHEN NOT USED.
- DO NOT GET LIQUID OR SPRAY CLEANER IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
- DO NOT BREATHE THE GAS.

CAUTION: CORROSION INHIBITING COMPOUNDS (CICS), SOLVENTS, OR ADHESIVES ARE A FUEL SOURCE WHICH INCREASE THE RISKS OF FIRES. WHEN YOU USE THESE SUBSTANCES, CLEAN THE WORK AREA AND INSULATION BLANKETS IMMEDIATELY. IF THE COVER MATERIAL OF A BLANKET IS BREACHED OR A BLANKET IS HEAVILY CONTAMINATED, REPLACE THE BLANKET.

(1) Clean insulation blankets of Corrosion Inhibiting Compounds (CICs) that may be used during installation of blankets.

(2) Use mild detergent with a soft cloth to remove CICs from blanket.

NOTE: The amount and type of contamination will determine if the blanket can be cleaned or should be replaced. If the cover material of a blanket has been breached and solvents or CICs (flammable agents) have been absorbed by the batting, replace the blanket.

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- (3) Use care when cleaning insulation blankets. Lint and dust can be wiped or vacuumed from the blanket surface. Lightly soiled blankets can be cleaned using mild detergent and soft cloth or brush. Use DPM 3673 (Joy) or DPM 3673-1 (Formula 409) for light cleaning or DPM 6146 (Calla, Aircraft Interior Cleaner No. 25010). These materials are non-flammable and may be used in enclosed areas.
- (4) Metallization on insulation blankets is fragile, therefore, heavily contaminated blankets should be replaced.
- (5) You can use Aliphatic Naphtha, Citra-Safe, Biogenic SE377C or equivalent for cleaning lightly soiled blankets.

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FLIGHT COMPARTMENT GLARESHIELD - MAINTENANCE PRACTICES

1. General

- A. The maintenance practices in this section provide removal/installation instructions for the flight compartment glareshield located below the pilot's windshield, just above the cockpit instrument panels. (Figure 201)

2. Removal/Installation Flight Compartment Glareshield

- A. Remove Glareshield

WARNING: YOU MUST OPEN, SAFETY, AND TAG THE CIRCUIT BREAKERS BEFORE YOU DO WORK ON THE SYSTEM. IF THE CIRCUIT BREAKERS ARE NOT SAFETIED, THEY CAN BE CLOSED AND THE SYSTEM CAN OPERATE. THIS CAN CAUSE AN INJURY AND/OR DAMAGE.

- (1) Open these circuit breakers and install safety tags:

LOWER EPC, AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
X	23	B1-589	CAPTAIN'S STALL WARNING
Z	23	B1-590	FIRST OFFICER'S STALL WARNING

LOWER EPC, DC TRANSFER BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
Z	31	B10-341	DFGS AP & AT OFF LIGHTS A
Z	41	B1-22	MASTER WARNING
Z	42	B1-227	MASTER CAUTION

LOWER EPC, LIGHTS - LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
M	32	B1-845	CAPTAIN'S DIGITAL DISPLAY

LOWER EPC, LIGHTS - R DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
N	32	B1-846	DIGITAL DISPLAY CENTER
N	33	B1-847	DIGITAL DISPLAY FIRST OFFICER'S
N	34	B1-848	DIGITAL DISPLAY WARNING LIGHT & TEST

LOWER EPC, MISCELLANEOUS RIGHT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-404, 406-408, 410-412, 414-427, 429, 861-866, 868, 869, 871-879, 881, 883, 891, 892			
R	30	B1-762	AUTO BRAKE ANN

OVERHEAD EMERGENCY AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893			
A	4	B10-77	VHF NAV-1 28 VAC
WJE 410			
A	5	B10-77	VHF NAV-1 28 VAC

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WJE 410 (Continued)

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893			
A	15	B1-479	CAPT & F/O WHITE FLOOD LIGHTS
WJE 410			
A	16	B1-479	CAPT & F/O WHITE FLOOD LIGHTS
WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893			
B	9	B10-22	VHF NAV-1
WJE 410			
B	10	B10-22	VHF NAV-1
WJE ALL			

UPPER EPC, 28 VAC

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
C	17	B10-367	DIGITAL FLIGHT GUIDANCE SYSTEM SWITCH A
C	18	B10-368	DIGITAL FLIGHT GUIDANCE SYSTEM SWITCH B
C	19	B10-369	DIGITAL FLIGHT GUIDANCE SYSTEM SWITCH C

UPPER EPC, LEFT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
D	20	B10-351	DIGITAL FLIGHT GUIDANCE SYSTEM-1

UPPER EPC, LEFT RADIO BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
C	10	B10-361	DIGITAL FLIGHT GUIDANCE SYSTEM-1
C	11	B10-363	DIGITAL FLIGHT GUIDANCE SYSTEM-2

UPPER EPC, LEFT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
E	20	B10-349	DIGITAL FLIGHT GUIDANCE SYSTEM-1
E	21	B10-348	DIGITAL FLIGHT GUIDANCE SYSTEM-2
E	24	B10-353	AUTOPILOT-1

UPPER EPC, LIGHTS - LEFT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
K	10	B1-727	STROBE
K	11	B1-98	LOWER ANTI-COLLISION
K	12	B1-13	LEFT WING LANDING
K	13	B1-14	LEFT WING LANDING LIGHT CONTROL
K	14	B1-19	LEFT NOSE GEAR LANDING & TAXI
K	15	B1-300	INTEGRAL LIGHTS CAPTAIN'S INST PANEL
K	16	B1-312	INTEGRAL LIGHTS OVERHEAD PANEL FWD
K	17	B1-315	INTEGRAL LIGHTS OVERHEAD PANEL AFT
K	18	B1-306	INTEGRAL LIGHTS CENTER INST PANEL

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UPPER EPC, LIGHTS - LEFT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
K	19	B1-309	INTEGRAL LIGHTS PEDESTAL

UPPER EPC, LIGHTS - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	16	B1-839	DFGS LIGHT CONTROL
L	17	B1-303	INTEGRAL LIGHTS F/O INST PANEL

UPPER EPC, RIGHT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
D	8	B10-352	DIGITAL FLIGHT GUIDANCE SYSTEM-2

UPPER EPC, RIGHT RADIO BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
B	5	B10-78	VHF NAV-2
C	1	B10-360	DIGITAL FLIGHT GUIDANCE SYSTEM-1
C	2	B10-362	DIGITAL FLIGHT GUIDANCE SYSTEM-2

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
E	8	B10-350	DIGITAL FLIGHT GUIDANCE SYSTEM-2
E	9	B10-347	DIGITAL FLIGHT GUIDANCE SYSTEM-1

WJE 405-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

E	12	B10-354	AUTOPILOT-2
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WJE ALL

G	7	B10-24	VHF NAV-2
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- (2) Remove instruments from captain's instrument panel. Tag instruments and connectors; retain instruments to facilitate installation. (Table 201)
- (3) Remove captain's instrument panel from cockpit . Retain panel with tagged instruments. (PAGEBLOCK 31-00-02/201)
- (4) Remove instruments from first officer's instrument panel. Tag instruments and connectors; retain instruments to facilitate installation. (Table 201)
- (5) Remove first officer's instrument panel from cockpit. Retain panel with tagged instruments.(PAGEBLOCK 31-00-02/201)
- (6) Remove instruments from center instrument panel. Tag instruments and connectors; retain instruments to facilitate installation. (Table 201)
- (7) Remove center instrument panel from cockpit. Retain panel with tagged instruments. (PAGEBLOCK 31-00-02/201)
- (8) Disconnect flight guidance control panel electrical connectors (7 places) below forward edge of glareshield.
- (9) Disconnect glareshield electrical harness disconnects (3 places on left side just forward of captain's instrument panel, and 3 places on right side just forward of first officer's instrument panel, just above rudder pedal).
- (10) Disconnect air hoses (2 places) on forward side of glareshield.

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Table 201 INSTRUMENT REFERENCE LIST

INSTRUMENT	PANEL(S)	SECTION REFERENCE
General	General	INSTRUMENT PANELS - GENERAL - MAINTENANCE PRACTICES, PAGEBLOCK 31-00-02/201
Fuel Flow	Center Instrument	INSTRUMENTS - GENERAL - MAINTENANCE PRACTICES, PAGEBLOCK 31-00-01/201
Altimeter	Captain's & First Officer's	ALTIMETER (ELECTRIC) - MAINTENANCE PRACTICES, PAGEBLOCK 34-12-01/201
Mach Airspeed	Captain's & First Officer's	MACH AIRSPEED INDICATOR - MAINTENANCE PRACTICES, PAGEBLOCK 34-13-01/201
Standby Altimeter/ Airspeed	Center and/or Captain's	STANDBY ALTIMETER/AIRSPEED INDICATOR (PNEUMATIC) - MAINTENANCE PRACTICES, PAGEBLOCK 34-13-02/201
Vertical Speed	Captain's & First Officer's	VERTICAL SPEED INDICATOR - MAINTENANCE PRACTICES, PAGEBLOCK 34-14-01/201
WJE 401-404, 406-408, 411, 412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873, 874, 880, 891		
True Airspeed and Static Air Temperature	Flight Officer's (when installed)	TAS/SAT INDICATOR - MAINTENANCE PRACTICES, PAGEBLOCK 34-15-01/201
WJE ALL		
Ram Air Temperature & Thrust Rating	Center Instrument	RAT/THRUST RATING INDICATOR - MAINTENANCE PRACTICES, PAGEBLOCK 34-18-02/201
WJE 406-408, 411, 877		
Radio Magnetic (RMI) Indicator	Captain's & First Officer's (as applicable to aircraft)	RADIO MAGNETIC INDICATOR - MAINTENANCE PRACTICES, PAGEBLOCK 34-21-05/201 Config 2
WJE 405, 409, 410, 415, 416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873, 874, 880, 881, 883, 884, 891-893		
Compass Indicator (CI)	Captain's & First Officer's (as applicable to aircraft)	COMPASS INDICATOR - MAINTENANCE PRACTICE, PAGEBLOCK 34-21-07/201 Config 1
WJE 401-404, 412, 414, 417, 419, 421, 423, 865, 869, 871, 872, 875-879, 886, 887		
Radio Distance Magnetic Indicator (RDMI)	Captain's & First Officer's (as applicable to aircraft)	RADIO DISTANCE MAGNETIC INDICATOR, SUBJECT 34-21-12, Page 201
WJE 405, 409, 416, 420, 422, 424-427, 429, 861, 862, 868, 873, 874, 880, 881, 883, 884, 891-893		
Horizontal Situation Indicator (HSI)	Captain's & First Officer's (as applicable to aircraft)	HORIZONTAL SITUATION INDICATOR, SUBJECT 34-22-03, Page 201
WJE 401-404, 406-408, 410-412, 414, 415, 417-419, 421, 423, 863-866, 869, 871, 872, 875-879, 886, 887		
Navigation Display (ND)	Captain's & First Officer's (as applicable to aircraft)	EFIS NAVIGATION DISPLAY UNIT, SUBJECT 34-22-06, Page 201
Primary Flight Display (PFD)	Captain's & First Officer's	PRIMARY FLIGHT DISPLAY (PFD), SUBJECT 34-23-06PRIMARY FLIGHT DISPLAY (PFD), SUBJECT 34-23-06Page 201

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WJE 401-404, 406-408, 410-412, 414, 415, 417-419, 421, 423, 863-866, 869, 871, 872, 875-879, 886, 887
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Table 201 INSTRUMENT REFERENCE LIST (Continued)

INSTRUMENT	PANEL(S)	SECTION REFERENCE
WJE 405, 409, 416, 420, 422, 424-427, 429, 861, 862, 868, 874, 880, 881, 883, 884, 891-893		
Attitude Director Indicator (ADI)	Captain's & First Officer's	ATTITUDE DIRECTOR INDICATOR, SUBJECT 34-23-02, Page 201
WJE ALL		
Standby Attitude	Center Instrument	STANDBY HORIZON INDICATOR - MAINTENANCE PRACTICES, PAGEBLOCK 34-28-01/201
WJE 405, 409, 416, 420, 422, 424-427, 429, 861, 862, 868, 873, 874, 880, 881, 883, 884, 891-893		
Marker Beacon Lights	Captain's & First Officer's	MARKER BEACON LIGHTS - MAINTENANCE PRACTICES, PAGEBLOCK 34-31-02/201 Config 1
WJE 407-409, 411, 416, 420, 422, 424-427, 429, 861, 862, 868, 873, 874, 880, 881, 883, 884, 891-893		
N ₁ - N ₂ & EPR Indicators	Center Instrument	POWER - MAINTENANCE PRACTICES, PAGEBLOCK 77-10-00/201
EGT Indicator	Center Instrument	EGT INDICATORS - MAINTENANCE PRACTICES, PAGEBLOCK 77-21-01/201
WJE 401-406, 410, 412, 414, 415, 417-419, 421, 423, 863-866, 869, 871, 872, 875-879, 886, 887		
Engine Display Panel (EDP)	Center Instrument	ENGINE DISPLAY PANEL - MAINTENANCE PRACTICES, PAGEBLOCK 77-42-00/201

WJE 401-404, 406-408, 410-412, 414-427, 429, 861-866, 868, 869, 871, 872, 880, 886, 887, 891

- (11) Disconnect electrical bonding straps (2 places) from aircraft structure at outboard sides under glareshield.

WJE ALL

- (12) Disconnect attachment bolts (2 places) securing outboard edges of glareshield to aircraft structure.
- (13) Pull glareshield aft, clear of forward guide pins, and remove glareshield from cockpit.

B. Install Glareshield

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Make sure that these circuit breakers are open and have safety tags:

LOWER EPC, AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
X	23	B1-589	CAPTAIN'S STALL WARNING
Z	23	B1-590	FIRST OFFICER'S STALL WARNING

LOWER EPC, DC TRANSFER BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
Z	31	B10-341	DFGS AP & AT OFF LIGHTS A

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LOWER EPC, DC TRANSFER BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
Z	41	B1-22	MASTER WARNING
Z	42	B1-227	MASTER CAUTION

LOWER EPC, LIGHTS - LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
M	32	B1-845	CAPTAIN'S DIGITAL DISPLAY

LOWER EPC, LIGHTS - R DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
N	32	B1-846	DIGITAL DISPLAY CENTER
N	33	B1-847	DIGITAL DISPLAY FIRST OFFICER'S
N	34	B1-848	DIGITAL DISPLAY WARNING LIGHT & TEST

LOWER EPC, MISCELLANEOUS RIGHT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-404, 406-408, 410-412, 414-427, 429, 861-866, 868, 869, 871-879, 881, 883, 891, 892			
R	30	B1-762	AUTO BRAKE ANN

OVERHEAD EMERGENCY AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893			
A	4	B10-77	VHF NAV-1 28 VAC
WJE 410			
A	5	B10-77	VHF NAV-1 28 VAC

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893			
A	15	B1-479	CAPT & F/O WHITE FLOOD LIGHTS
WJE 410			
A	16	B1-479	CAPT & F/O WHITE FLOOD LIGHTS
WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893			
B	9	B10-22	VHF NAV-1
WJE 410			
B	10	B10-22	VHF NAV-1
WJE ALL			

UPPER EPC, 28 VAC

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
C	17	B10-367	DIGITAL FLIGHT GUIDANCE SYSTEM SWITCH A
C	18	B10-368	DIGITAL FLIGHT GUIDANCE SYSTEM SWITCH B

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UPPER EPC, 28 VAC

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
C	19	B10-369	DIGITAL FLIGHT GUIDANCE SYSTEM SWITCH C

UPPER EPC, LEFT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
D	20	B10-351	DIGITAL FLIGHT GUIDANCE SYSTEM-1

UPPER EPC, LEFT RADIO BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
C	10	B10-361	DIGITAL FLIGHT GUIDANCE SYSTEM-1
C	11	B10-363	DIGITAL FLIGHT GUIDANCE SYSTEM-2

UPPER EPC, LEFT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
E	20	B10-349	DIGITAL FLIGHT GUIDANCE SYSTEM-1
E	21	B10-348	DIGITAL FLIGHT GUIDANCE SYSTEM-2
E	24	B10-353	AUTOPILOT-1

UPPER EPC, LIGHTS - LEFT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
K	10	B1-727	STROBE
K	11	B1-98	LOWER ANTI-COLLISION
K	12	B1-13	LEFT WING LANDING
K	13	B1-14	LEFT WING LANDING LIGHT CONTROL
K	14	B1-19	LEFT NOSE GEAR LANDING & TAXI
K	15	B1-300	INTEGRAL LIGHTS CAPTAIN'S INST PANEL
K	16	B1-312	INTEGRAL LIGHTS OVERHEAD PANEL FWD
K	17	B1-315	INTEGRAL LIGHTS OVERHEAD PANEL AFT
K	18	B1-306	INTEGRAL LIGHTS CENTER INST PANEL
K	19	B1-309	INTEGRAL LIGHTS PEDESTAL

UPPER EPC, LIGHTS - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	16	B1-839	DFGS LIGHT CONTROL
L	17	B1-303	INTEGRAL LIGHTS F/O INST PANEL

UPPER EPC, RIGHT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
D	8	B10-352	DIGITAL FLIGHT GUIDANCE SYSTEM-2

UPPER EPC, RIGHT RADIO BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
B	5	B10-78	VHF NAV-2
C	1	B10-360	DIGITAL FLIGHT GUIDANCE SYSTEM-1
C	2	B10-362	DIGITAL FLIGHT GUIDANCE SYSTEM-2

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UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
E	8	B10-350	DIGITAL FLIGHT GUIDANCE SYSTEM-2
E	9	B10-347	DIGITAL FLIGHT GUIDANCE SYSTEM-1

WJE 405-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

E	12	B10-354	AUTOPILOT-2
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WJE ALL

G	7	B10-24	VHF NAV-2
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- (2) Move glareshield into approximate position for cockpit installation and proceed as follows:
- (a) Place attached electrical harness and disconnects over cockpit center structure.
NOTE: Be sure to feed glareshield harness and disconnects over center structure to facilitate installation.
 - (b) Align and secure glareshield against structure guide pins at forward side of glareshield.
 - (c) Install, but do not tighten attachment bolts (2 places) at outboard edges of glareshield.
 - (d) Connect air hoses (2 places) at forward side of glareshield.

WJE 401-404, 406-408, 410-412, 414-427, 429, 861-866, 868, 869, 871, 872, 880, 886, 887, 891

- (e) Connect electrical bonding straps (2 places) to aircraft structure at outboard sides under glareshield.

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- (f) Adjust and secure attachment bolts (2 places) at outboard edges of glareshield.
- (3) Connect and tie-wrap glareshield electrical harness disconnects (3 places on left side just forward of captain's instrument panel, and 3 places on right side just forward of first officer's instrument panel, just above rudder pedal).
- (4) Connect flight guidance control panel electrical connectors (7 places) below forward edge of glareshield.
- (5) Install captain's instrument panel in cockpit. (PAGEBLOCK 31-00-02/201)
- (6) Install instruments in captain's instrument panel. (Table 201)
- (7) Install first officer's instrument panel in cockpit. (PAGEBLOCK 31-00-02/201)
- (8) Install instruments in first officer's instrument panel. (Table 201)
- (9) Install center instrument panel in cockpit. (PAGEBLOCK 31-00-02/201)
- (10) Install instruments in center instrument panel. (Table 201)
- (11) Remove the safety tags and close these circuit breakers:

LOWER EPC, AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
X	23	B1-589	CAPTAIN'S STALL WARNING
Z	23	B1-590	FIRST OFFICER'S STALL WARNING

LOWER EPC, DC TRANSFER BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
Z	31	B10-341	DFGS AP & AT OFF LIGHTS A
Z	41	B1-22	MASTER WARNING
Z	42	B1-227	MASTER CAUTION

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LOWER EPC, LIGHTS - LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
M	32	B1-845	CAPTAIN'S DIGITAL DISPLAY

LOWER EPC, LIGHTS - R DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
N	32	B1-846	DIGITAL DISPLAY CENTER
N	33	B1-847	DIGITAL DISPLAY FIRST OFFICER'S
N	34	B1-848	DIGITAL DISPLAY WARNING LIGHT & TEST

LOWER EPC, MISCELLANEOUS RIGHT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-404, 406-408, 410-412, 414-427, 429, 861-866, 868, 869, 871-879, 881, 883, 891, 892			
R	30	B1-762	AUTO BRAKE ANN

OVERHEAD EMERGENCY AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893			
A	4	B10-77	VHF NAV-1 28 VAC
WJE 410			
A	5	B10-77	VHF NAV-1 28 VAC

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893			
A	15	B1-479	CAPT & F/O WHITE FLOOD LIGHTS
WJE 410			
A	16	B1-479	CAPT & F/O WHITE FLOOD LIGHTS
WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893			
B	9	B10-22	VHF NAV-1
WJE 410			
B	10	B10-22	VHF NAV-1
WJE ALL			

UPPER EPC, 28 VAC

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
C	17	B10-367	DIGITAL FLIGHT GUIDANCE SYSTEM SWITCH A
C	18	B10-368	DIGITAL FLIGHT GUIDANCE SYSTEM SWITCH B
C	19	B10-369	DIGITAL FLIGHT GUIDANCE SYSTEM SWITCH C

UPPER EPC, LEFT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
D	20	B10-351	DIGITAL FLIGHT GUIDANCE SYSTEM-1

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UPPER EPC, LEFT RADIO BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
C	10	B10-361	DIGITAL FLIGHT GUIDANCE SYSTEM-1
C	11	B10-363	DIGITAL FLIGHT GUIDANCE SYSTEM-2

UPPER EPC, LEFT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
E	20	B10-349	DIGITAL FLIGHT GUIDANCE SYSTEM-1
E	21	B10-348	DIGITAL FLIGHT GUIDANCE SYSTEM-2
E	24	B10-353	AUTOPILOT-1

UPPER EPC, LIGHTS - LEFT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
K	10	B1-727	STROBE
K	11	B1-98	LOWER ANTI-COLLISION
K	12	B1-13	LEFT WING LANDING
K	13	B1-14	LEFT WING LANDING LIGHT CONTROL
K	14	B1-19	LEFT NOSE GEAR LANDING & TAXI
K	15	B1-300	INTEGRAL LIGHTS CAPTAIN'S INST PANEL
K	16	B1-312	INTEGRAL LIGHTS OVERHEAD PANEL FWD
K	17	B1-315	INTEGRAL LIGHTS OVERHEAD PANEL AFT
K	18	B1-306	INTEGRAL LIGHTS CENTER INST PANEL
K	19	B1-309	INTEGRAL LIGHTS PEDESTAL

UPPER EPC, LIGHTS - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	16	B1-839	DFGS LIGHT CONTROL
L	17	B1-303	INTEGRAL LIGHTS F/O INST PANEL

UPPER EPC, RIGHT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
D	8	B10-352	DIGITAL FLIGHT GUIDANCE SYSTEM-2

UPPER EPC, RIGHT RADIO BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
B	5	B10-78	VHF NAV-2
C	1	B10-360	DIGITAL FLIGHT GUIDANCE SYSTEM-1
C	2	B10-362	DIGITAL FLIGHT GUIDANCE SYSTEM-2

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
E	8	B10-350	DIGITAL FLIGHT GUIDANCE SYSTEM-2
E	9	B10-347	DIGITAL FLIGHT GUIDANCE SYSTEM-1

WJE 405-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

E	12	B10-354	AUTOPILOT-2
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WJE ALL

G	7	B10-24	VHF NAV-2
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- (12) Perform return to service STATUS/TEST on overhead panel as required.

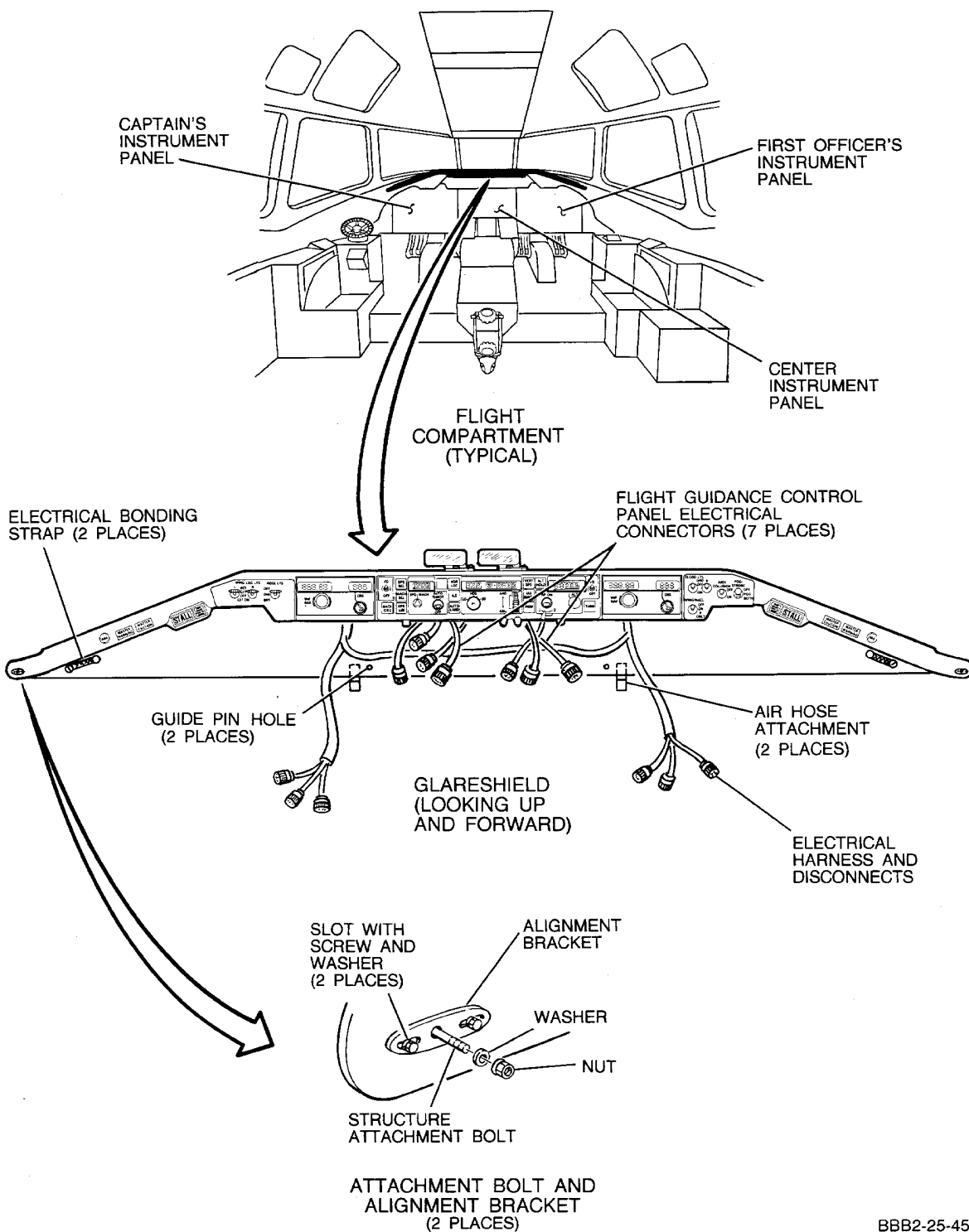
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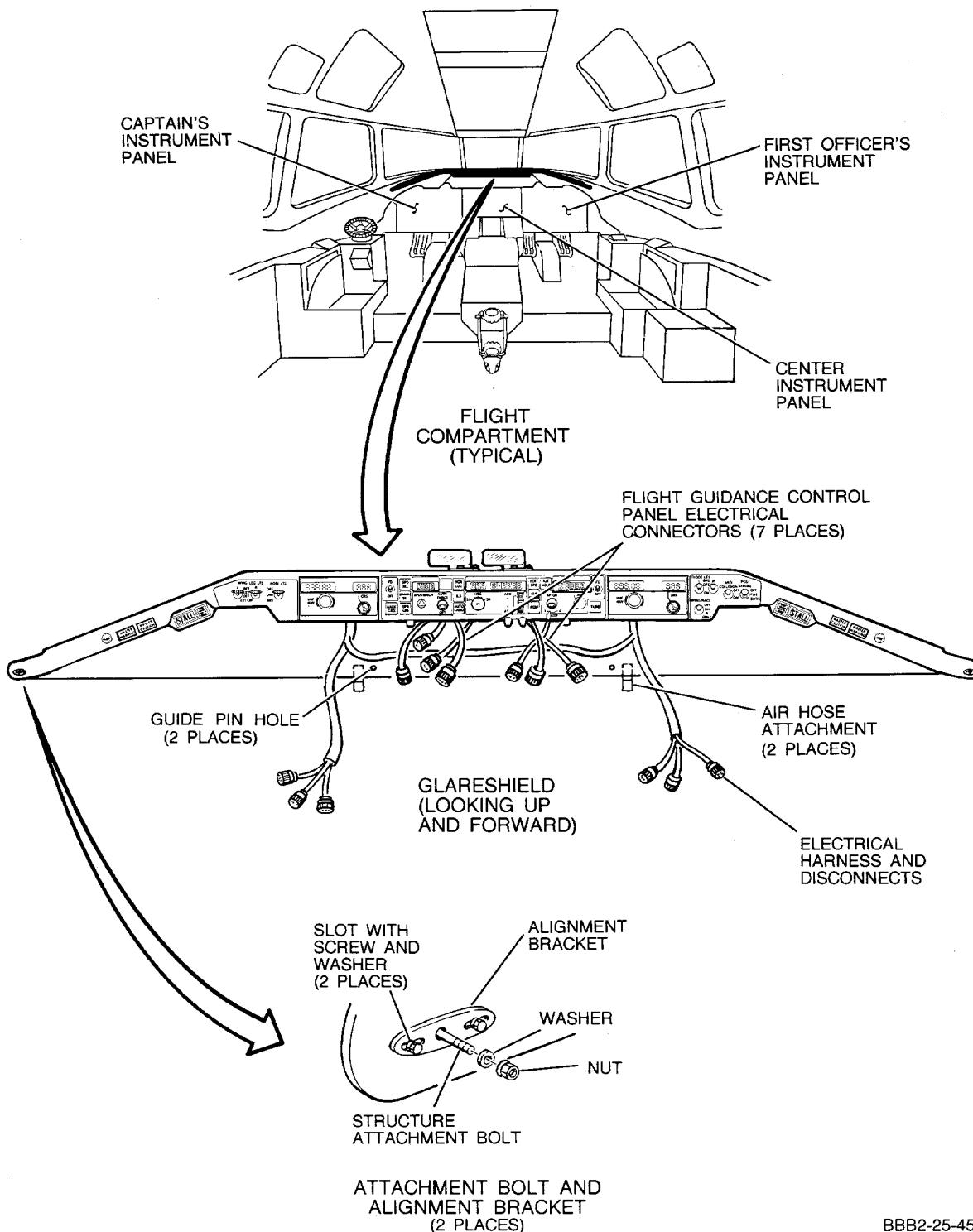
BBB2-25-458

Glareshield -- Removal/Installation
 Figure 201/25-12-00-990-802 (Sheet 1 of 2)

EFFECTIVITY
 WJE 401-404, 406-408, 410-412, 414-427, 429,
 861-866, 868, 869, 871, 872, 880, 886, 887, 891

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Glareshield -- Removal/Installation
Figure 201/25-12-00-990-802 (Sheet 2 of 2)

EFFECTIVITY
WJE 405, 409, 873-879, 881, 883, 884, 892, 893

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FLIGHT COMPARTMENT EQUIPMENT - DESCRIPTION AND OPERATION

1. General

- A. Flight compartment equipment includes the items installed for the flight crew's comfort and convenience.(Figure 1)

2. Flight Compartment Equipment

A. Description

- (1) Pilot's Station - Each pilot's station is equipped with a side console containing a writing table, a coffee cup holder, an ash tray, a trash container, and stowage space for smoke goggles, earphones, oxygen masks, and briefcase. A briefcase restraint strap is also provided for each side console.
- (2) Other Pilot's Equipment - Other equipment in the flight compartment includes a pilot's check list holder attached to the glareshield structure, a pilot's eye position locator (one on each side under the glareshield) for seat positioning, a microphone holder, a sun visor for each pilot, a landing chart holder attached to each control column, a data stowage compartment located aft of the first officer's console, a spare light bulb holder on the left side console, and a footrest adjacent and below each pilot's instrument panel.
- (3) Observer's Equipment - The equipment installed at the observer's station includes a coffee cup holder, an ash tray, and a folding footrest. When not in use, the footrest folds up against sides of the control pedestal.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (4) Crew Stowage Compartment - A crew stowage compartment is located on the inboard side of the G1 galley unit. The compartment is provided with a coatrod for crew coat stowage, three hat clips, and a webgate for restraining crew baggage in the lower section of the compartment.

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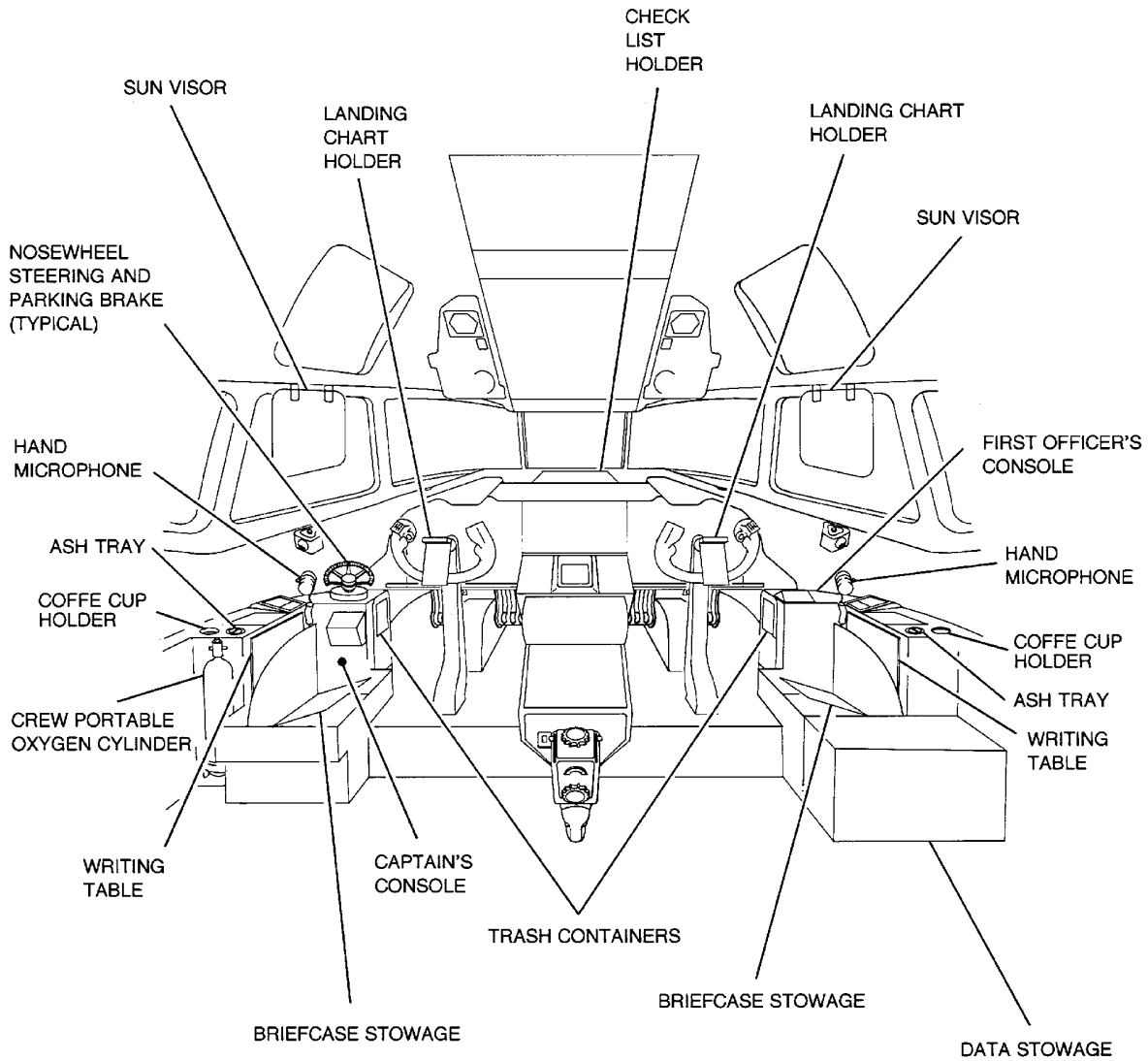
EFFECTIVITY
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CAG(IGDS)

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Flight Compartment Equipment
Figure 1/25-13-00-990-802 (Sheet 1 of 4)

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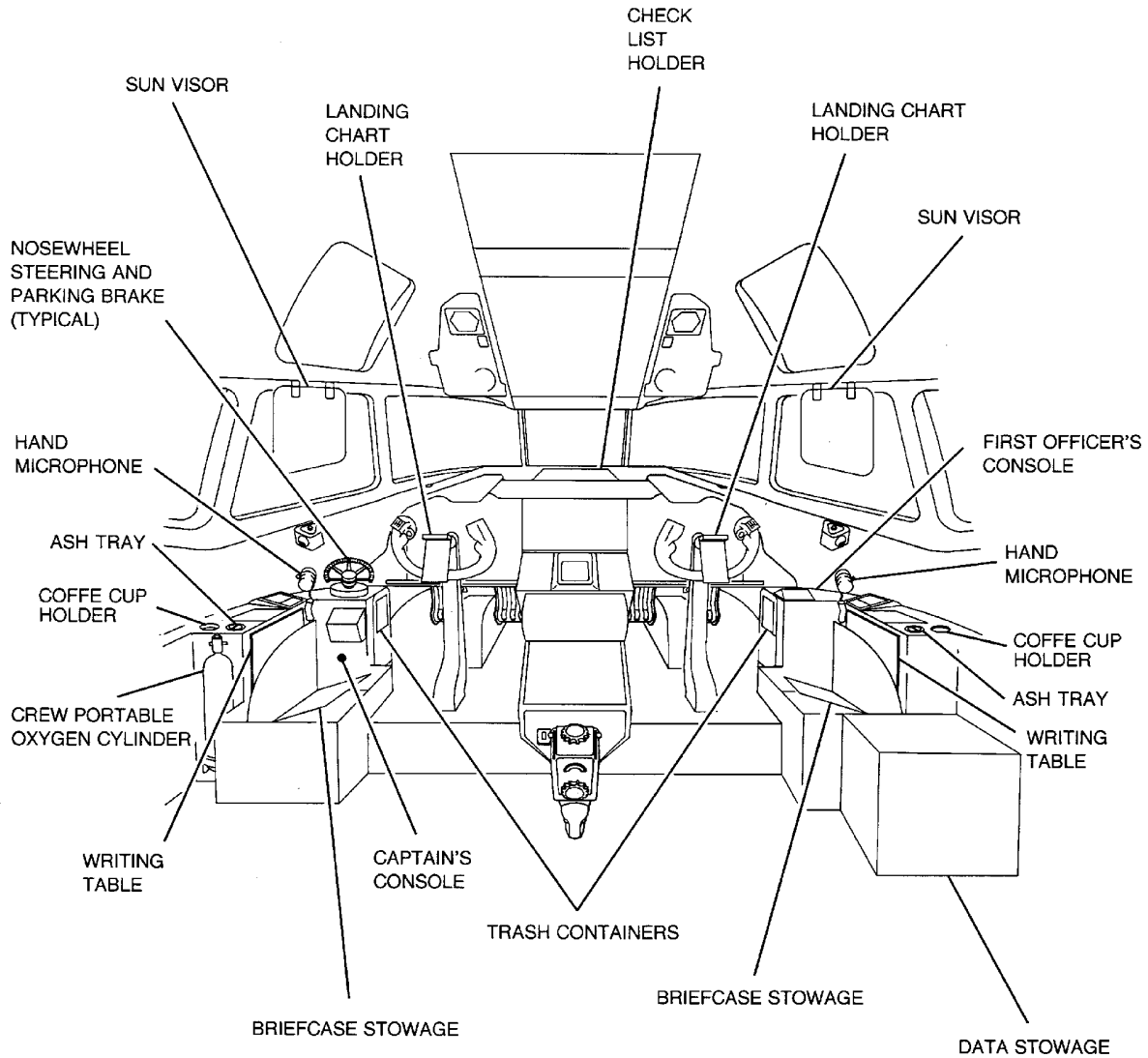
WJE 416, 420, 422, 424-427, 429, 861, 862, 868,
873-879, 886, 887, 891-893

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CAG(IGDS)

BBB2-25-479

**Flight Compartment Equipment
Figure 1/25-13-00-990-802 (Sheet 2 of 4)**

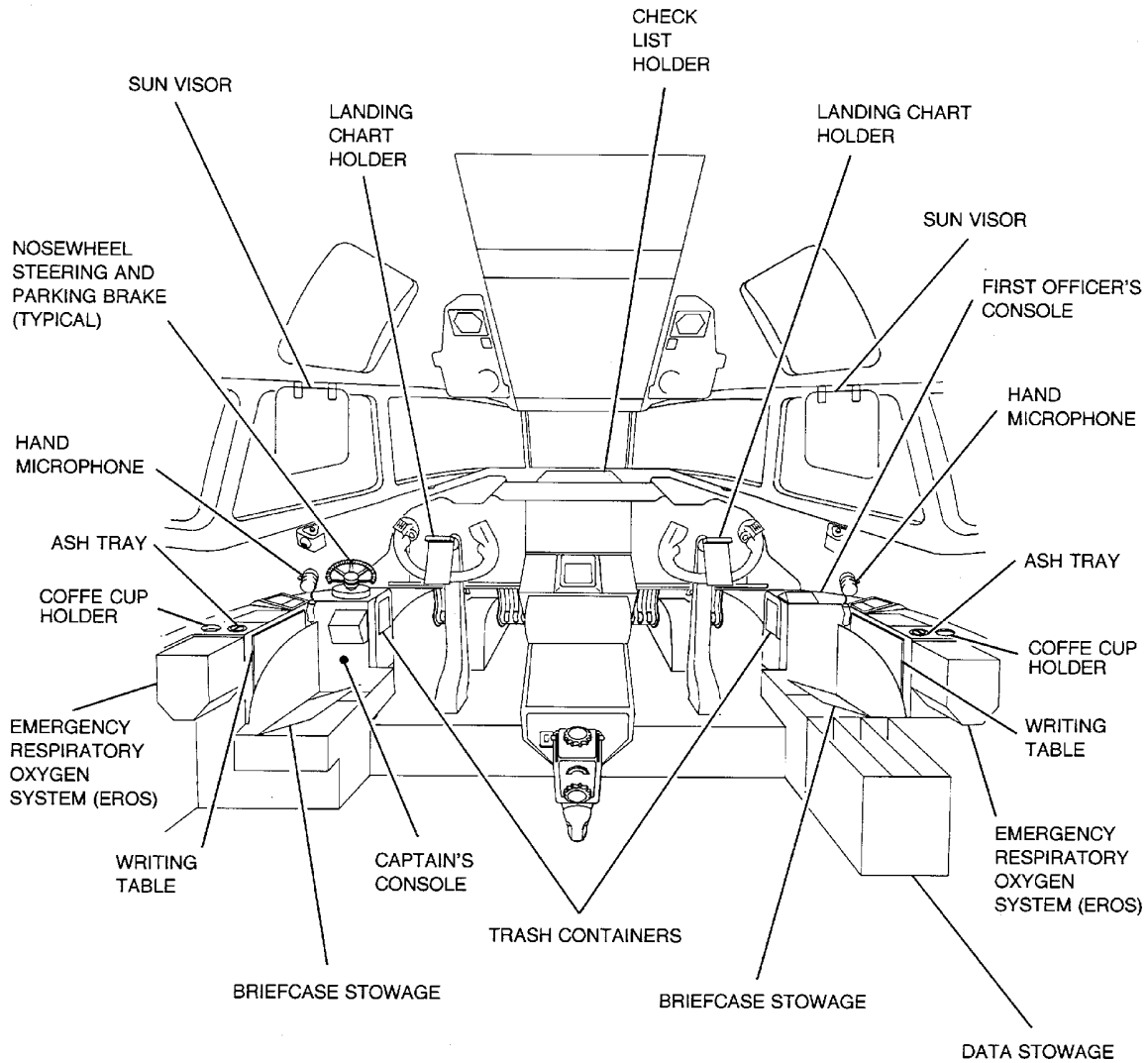
EFFECTIVITY
WJE 405-411, 880, 881, 883, 884

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CAG(IGDS)

BBB2-25-425A

Flight Compartment Equipment
Figure 1/25-13-00-990-802 (Sheet 3 of 4)

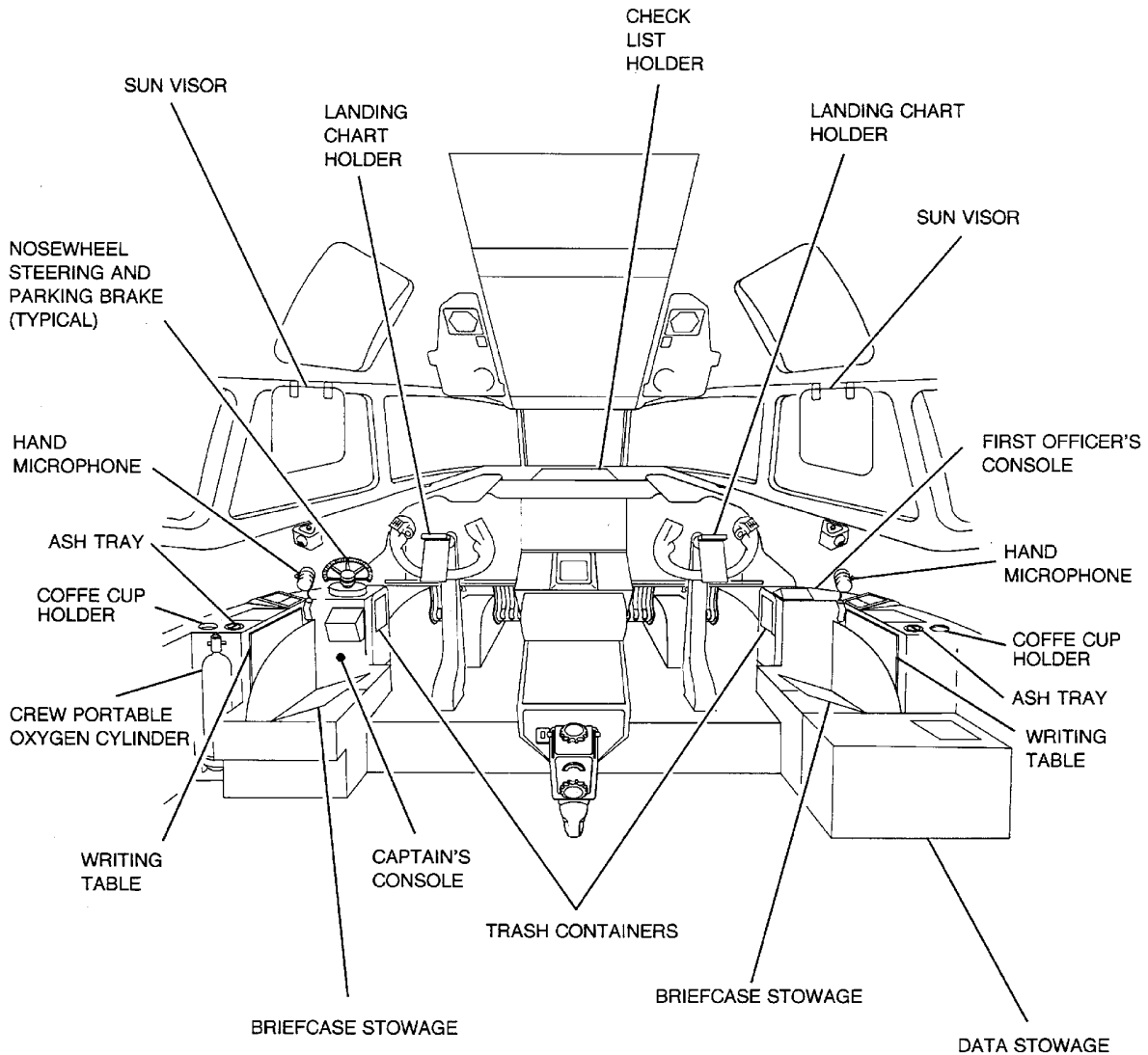
EFFECTIVITY
WJE 415, 417-419, 421, 423, 863-866, 869, 871, 872

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CAG(IGDS)

BBB2-25-482

**Flight Compartment Equipment
Figure 1/25-13-00-990-802 (Sheet 4 of 4)**

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WJE 401-404, 412, 414

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FLIGHT COMPARTMENT EQUIPMENT - MAINTENANCE PRACTICES

1. General

- A. The maintenance practices in this section provide removal/installation instructions for the captain's and first officer's writing tables, located outboard of the pilot seats. (Figure 201)
- B. Removal and installation procedures are given only for items that may require maintenance or repair. Items that are simple to remove and install, such as ash trays, trash containers, and microphone holders are not covered.

2. Removal/Installation Flight Compartment Equipment

A. Remove Table

NOTE: Removal/Installation procedures for captain's and first officer's writing tables are identical.

- (1) Unlock fasteners on cover panel. Remove panel.
- (2) Remove attach screws from support tube.
- (3) Remove table.

B. Install Table

- (1) Hold writing table in position and align holes with holes in support tube.
- (2) Install attach screws.
- (3) Install cover panel.
- (4) Raise table up and fold table top to writing position.
- (5) Fold up table top and lower table to stowed position.

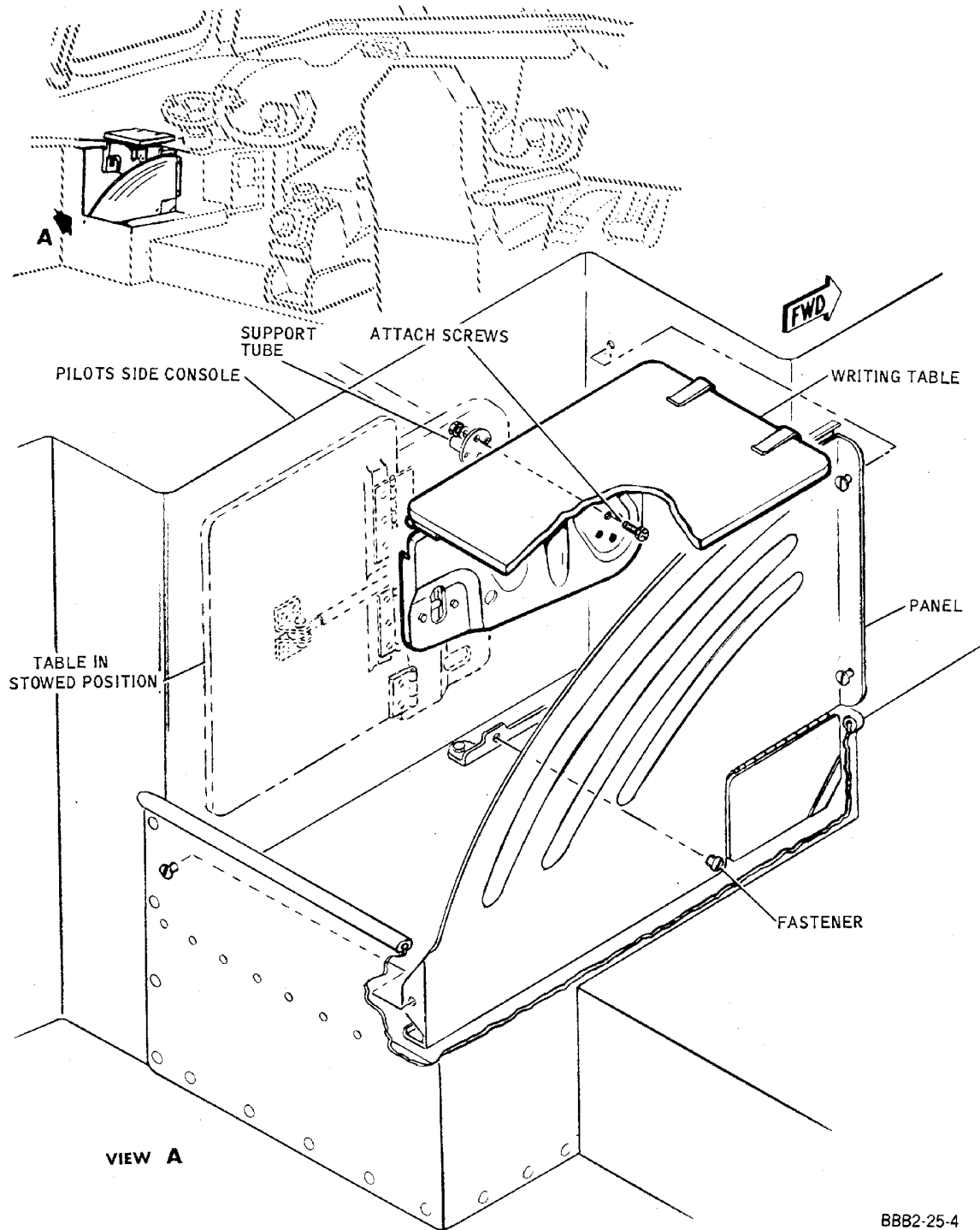
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WJE ALL

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Writing Table
Figure 201/25-13-00-990-801

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WJE ALL

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CAPTAIN'S AND FIRST OFFICER'S SEATS - DESCRIPTION AND OPERATION

1. General

- A. The flight compartment provides accommodations for the flight crew and consists of stations for a captain, first officer, and observer. The description and operation data in this section provides information for the captain's and first officer's seats only. (For information on the observer's seat, refer to OBSERVER'S SEAT - DESCRIPTION AND OPERATION, PAGEBLOCK 25-13-02/001.)

2. Captain's and First Officer's Seats

- A. Description

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

- (1) Captain's and First Officer's Seats - The captain's and first officer's seats differ only in location of the seat adjustment controls. The height lock handle and recline control lever are located on the outboard side of each seat. The track lock (fore and aft adjustment) handle is located on the inboard side of each seat. The adjustable armrests fold up on both seats for easy access to and from the pilots' stations. The left and right foot on the forward and aft sides of the seats are mounted on roller-type seat track attachments in the flight compartment. Back cushion (lumbar support) handwheels for in/out and up/down adjustments are located on the aft inboard and outboard sides of the seats just below the armrests. The upholstery is made of flame-resistant material that is removable for cleaning or repair.

WJE 875-879

- (2) Captain's and First Officer's Seats - The captain's and first officer's seats differ only in location of the seat adjustment controls. The controls are located on the right side of the captain's seat and on the left side of the first officer's seat. The adjustable armrests fold up on both seats for easy access to and from the pilots' stations. The seats are mounted on seat tracks in the flight compartment and have positive horizontal, vertical, and recline adjustments. The upholstery is made of flame-resistant material that is removable for cleaning or repair.

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

- (3) Seat Restraints - Each seat is equipped with restraints consisting of a seat belt, shoulder harness, and an inertia reel. The seat belts are adjustable through a range of approximately 12 inches (304.8 mm) and are equipped with a rotary-type, quick-release buckle. The shoulder harness is attached to an inertia reel that has a manual locking feature. The inertia reel lock lever is located on the aft inboard side of the seat (below the armrest). When pressure is exerted against the harness, the reel permits the occupant to move forward as desired and takes up the slack as the occupant returns to his original position. When sudden loads of approximately 1 G are exerted on the harness, the reel locks automatically, preventing the occupant from moving forward.

WJE 875-879

- (4) Seat Restraints - Each seat is equipped with restraints consisting of a seat belt, shoulder harness, and an inertia reel. The seat belts are adjustable through a range of approximately 12 inches (304.8 mm) and are equipped with a rotary-type, quick-release buckle. The shoulder harness is attached to an inertia reel that is mounted within the frame structure of the seat back. When pressure is exerted against the harness, the reel permits the occupant to move forward as desired and takes up the slack as the occupant returns to his original position. When sudden loads of approximately 1 G are exerted on the harness, the reel locks automatically, preventing the occupant from moving forward.

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WJE 401-412, 414-419, 421, 423, 425, 426, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 892, 893

- (5) Rotary Buckle - A rotary buckle is attached to the lap belt on each seat with attachments for the shoulder harness and crotch strap.
- (6) Life Vest Pouches - Two pouches, one at each seat, provide stowage space for the pilots' life vests. The stowage pouch for the captain's seat is attached to the lower aft side of the seat structure. The stowage pouch for the first officer's seat is attached to the aft side of the seatback.

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CAPTAIN'S AND FIRST OFFICER'S SEATS - MAINTENANCE PRACTICES

1. General

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

- A. Removal, installation, and lubrication procedures for the captain's and first officer's seats are identical except as noted. (Figure 202)

WJE 875-879

- B. Removal, installation, adjustment, and lubrication procedures for the captain's and first officer's seats are identical except as noted. (Figure 201)

WJE ALL

2. Equipment and Materials

WARNING: ITEMS IDENTIFIED WITH AN ASTERISK (*) ARE FLAMMABLE. SUPPLY ADEQUATE VENTILATION AND EXERCISE APPROPRIATE PRECAUTIONARY MEASURES. CONSULT LOCAL AUTHORITY OR REGULATORY AGENCY, FOR FIRE PREVENTION AND PERSONNEL HEALTH AND SAFETY WHEN USING THESE MATERIALS.

NOTE: Equivalent substitutes may be used instead of the following listed items.

NOTE: It is possible that some materials in the Equipment and Materials List cannot be used for some or all of their necessary applications. Before you use the materials, make sure the types, quantities, and applications of the materials necessary are legally permitted in your location. All persons must obey all applicable federal, state, local, and provincial laws and regulations when it is necessary to work with these materials.

Table 201

Name and Number	Manufacturer
WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893	
Lockpin, seat 3A071-0227	IPECO Inc. Lawndale, Calif.
WJE 875-879	
Lockpin, seat AMI 4801542-1	Douglas Aircraft Co. Long Beach, CA.
WJE ALL	
Oil, general purpose, VV-L-800	
Solid film lubricant, Lubribond 220	Electrofilm, Inc. No. Hollywood, Calif.
*Solvent, cleaning P-D-680 DPM 518	
**Check, tool - crew seat track lock pin, 5965684-503	Douglas Aircraft Co. Long Beach, CA.
Check, tool - crew seat track alignment, 5965877-501	Douglas Aircraft Co. Long Beach, CA.
Wipers, cotton	A. Sobelman
WJE 875-879	
Cotter pin, MS24665-132	

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WJE 875-879 (Continued)

Table 201 (Continued)

Name and Number	Manufacturer
WJE ALL	
**Consists of 5965684-15 pin check tool, 5965684-17 jackscrew assembly, and 5965684-25 shim blocks.	

WJE 420, 422, 424, 429, 875-879, 891

Table 202 SERVICE CHART1 - RECOMMENDED LUBRICATION

ITEM NO.	ITEM DESCRIPTION	LUBE TYPE	APPLICATION	NUMBER OF FITTINGS OR AREAS
*1	Seat Tracks	SFL	--	--
2	Seat Movement Control Handles and Flexible Linkage	OGP	Oil Can	--
3	Seat-Up and Down Movement Linkage	OGP	Oil Can	--
4	Seat-Forward and Aft Movement Linkage	OGP	Oil Can	--
5	Seat Back Adjusting Mechanism	OGP	Oil Can	--
*SFL Denotes Solid Film Lubricant, Lubribond 220.				
OGP Denotes Oil General Purpose, VV-L-800.				

WJE 401-412, 414-419, 421, 423, 425, 426, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 892, 893

Table 203 SERVICE CHART 2 - RECOMMENDED LUBRICATION

ITEM NO.	ITEM DESCRIPTION	LUBE TYPE	APPLICATION	NUMBER OF FITTINGS OR AREAS
*1	Seat Tracks	SFL	--	--
2	Seat Track Rollers and Lockpins	OGP	**Oil can	--
3	Seat Control Handles, Levers, Handwheels, and Linkage	OGP	**Oil Can	--
4	Seat-Up and Down Movement Linkage	OGP	**Oil Can	--
5	Seat-Forward and Aft Movement Linkage	OGP	**Oil Can	--
6	Seat Back Recline Control Mechanism	OGP	**Oil Can	--
7	Seat Back Lumbar Support Mechanism	OGP	**Oil Can	--
*SFL Denotes Solid Film Lubricant, Lubribond 220.				
OGP Denotes Oil General Purpose, VV-L-800.				
**Oil Can Denotes Oil Lightly - Wipe Off Excess Oil.				

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WJE 401-412, 414-419, 421, 423, 425, 426, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 892, 893
(Continued)

Table 203 SERVICE CHART 2 - RECOMMENDED LUBRICATION (Continued)

ITEM NO.	ITEM DESCRIPTION	LUBE TYPE	APPLICATION	NUMBER OF FITTINGS OR AREAS
<p>Frequency Interval Recommended--on all items except seat tracks, further lubrication should not be necessary. However, should any new parts be fitted, or if any mechanism appears unduly stiff, lubricate with Oil General Purpose as required. Lubricate seat tracks with Solid Film Lubricant as required.</p>				

WJE ALL

3. Removal/Installation Captain's and First Officer's Seats

WJE 420, 422, 424, 427, 429, 875-879, 891

A. Remove Seat

- (1) Remove any flight compartment equipment to facilitate removal of seat.
- (2) Remove any equipment obstructing removal of seat including attachment bolts from upper reel support if necessary.
- (3) To facilitate removal of first officer's seat only, remove housing from bulkhead aft of seat. Housing is secured to bulkhead with screws (10 places). (Figure 203)
- (4) Remove bolts from each seat track stop, located at aft end of lower seat tracks.
- (5) Lift fore-and-aft control to release lockpins and move seat aft until free of seat tracks.
- (6) To facilitate seat removal from flight compartment, remove armrests from seat (armrests are secured with axle bolts).
- (7) Remove seat. Change seat covers and cushions as required.

WARNING: CLEANING SOLVENT IS COMBUSTIBLE AND VAPOR MAY BE TOXIC. AVOID PROLONGED BREATHING OF VAPOR AND PROLONGED OR REPEATED CONTACT WITH SKIN. AVOID CONTACT WITH EYES. CLEAN SEAT TRACKS IN WELL-VENTILATED AREA AND USE APPROVED SAFETY EQUIPMENT.

- (8) Using P-D-680 cleaning solvent and clean cotton wipers, remove accumulated residue from seat tracks and seat track attachments; then, dry components with clean, dry wipers.
- (9) Lubricate seat tracks and seat items as required. (Table 202)

WJE 401-412, 414-419, 421, 423, 425, 426, 863-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 892, 893

B. Remove Seat

- (1) Remove any flight compartment equipment to facilitate removal of seat.
- (2) Remove bolts (2 places) from seat track attachments at forward and aft, left and right sides of seat (4 places). Remove and mark attachments for proper installation.

NOTE: Seat track attachments should be marked for installation on applicable seat foot (i.e., forward or aft, left or right seat foot).

- (3) Place and hold track lock handle on seat in rear position (against spring pressure) to disengage seat lockpins from holes in tracks; then, lift and remove seat from seat track attachments. Release track lock handle.
- (4) Remove seat track attachments from seat track and in turn, install attachments as required at forward and aft, left and right sides of seat.

NOTE: Each seat track attachment should be installed on applicable seat foot and retained with seat to preclude loss of attachment.

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WJE 401-412, 414-419, 421, 423, 425, 426, 863-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 892, 893
(Continued)

- (5) Remove seat; change seat covers and cushions as required.

WARNING: CLEANING SOLVENT IS COMBUSTIBLE AND VAPOR MAY BE TOXIC. AVOID PROLONGED BREATHING OF VAPOR AND PROLONGED OR REPEATED CONTACT WITH SKIN. AVOID CONTACT WITH EYES. CLEAN SEAT TRACKS IN WELL-VENTILATED AREA AND USE APPROVED SAFETY EQUIPMENT.

- (6) Using P-D-680 cleaning solvent and clean cotton wipers, remove accumulated residue from seat tracks and seat track attachments; then, dry components with clean, dry wipers.
- (7) Lubricate seat tracks and seat items. (Table 203)

WJE 420, 422, 424, 427, 429, 875-879, 891

C. Install Seat

- (1) Hold seat in position and align seat track rollers with tracks.
- (2) Lift fore-and-aft control to keep lockpins retracted.
- (3) Slide seat forward on seat tracks.
- (4) Install seat stops at aft end of lower seat tracks and tighten seat track stop bolts.
 - (a) At first officer's seat only, install small housing on bulkhead aft of seat. Housing is secured to bulkhead with screws (10 places).
- (5) If removed, install attachment bolts in upper reel support.
 - (a) Install armrests on seat with axle bolts.
- (6) Actuate seat controls to check freedom of movement and lock action in horizontal, vertical, and recline planes.
- (7) Adjust seat. Paragraph 4.

WJE 401-412, 414-419, 421, 423, 425, 426, 863-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 892, 893

D. Install Seat

- (1) Remove bolts (2 places) from seat track attachments at forward and aft, left and right sides of seat (4 places). Remove and mark seat track attachments for installation.

NOTE: Seat track attachments should be marked for installation on applicable seat foot (i.e., forward or aft, left or right seat foot).
- (2) Place forward seat track attachments on cabin upper floor seat tracks (in flight compartment) with nutplates positioned toward center of tracks.

NOTE: Inner plate on seat track attachment includes captive nuts.
- (3) Place aft seat track attachments on lower floor seat tracks (in flight compartment) with nutplates also positioned toward center of tracks.

NOTE: The cut-away portion of plates on aft seat track attachments should face forward to assure correct relationship between track stop blocks and seat lockpins.
- (4) Position seat on seat track attachments, while holding track lock handle in rear position (against spring pressure), until seat lockpins engage holes in tracks; then, release handle.
- (5) Install bolts (2 places) in each seat track attachment at forward and aft, left and right sides of seat (4 places).
- (6) Using track lock handle, check fore and aft movement of seat on seat tracks, and that lockpins engage holes in tracks as required.

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WJE 401-412, 414-419, 421, 423, 425, 426, 863-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 892, 893
(Continued)

- (7) Install equipment previously removed from flight compartment.

WJE 420, 422, 424, 427, 429, 875-879, 891

4. Adjustment/Test Captain's and First Officer's Seats

A. Adjust Seat Track Rollers

- (1) Remove lock tab retaining screw from roller assembly to be adjusted.
- (2) Remove lock tab.
- (3) Loosen cam retaining nut.
- (4) Move seat forward and aft, tightening hex head adjustment until seat stops moving, then loosen adjustment until seat rolls freely.
- (5) Install lock tab. If tab retaining screw hole does not align after engaging hex, turn tab over and install.
- (6) Install lock tab retaining screw.
- (7) Tighten cam retaining nut.

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5. Check Captain's and First Officer's Seats and Belts

WJE 401-412, 414-419, 421, 423, 425, 426, 863-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 892, 893

A. Check IPECO Seat Lockpin (Track Lock) and Seat Track Alignment

- (1) Check lockpin on captain's and first officer's IPECO seat for wear and condition. (Figure 204)
NOTE: Lockpins are installed one each on each aft seat foot (2 places) on captain's and first officer's IPECO seat.
- (2) If necessary, inspect seat lockpin engagement in seat track as follows: (Figure 206)
 - (a) Move applicable crew seat forward, until lockpins engage third detent hole from end of each seat track.
 - (b) Position jackscrew assembly on floor, under aft edge of seat frame.
 - (c) Rotate adjustment wheel to raise and support seat track at the top of it's travel.
 - (d) Position pin check tool on the right side of the aft seat track.
 - (e) Make sure plunger is aligned with the same detent hole that lockpin is in.
 - (f) Make sure pin check tool is seated against the edge of seat track and secure with clamping screw.
 - (g) Push pin check tool plunger to the left.
 - 1) No work is required if plunger protrudes beyond the pin check tool surface.
 - 2) Replace lockpins if plunger is flush with pin check tool surface (Paragraph 5.A.(3)).
 - (h) Remove the pin check tool and jackscrew assembly.
 - (i) Reposition the crew seat at mid-position and reinstall jackscrew assembly and pin check tool.
 - (j) Push pin check tool plunger to the left.
 - 1) No work is required if plunger protrudes beyond the pin check tool surface.
 - 2) Replace lockpins if plunger is flush with pin check tool surface (Paragraph 5.A.(3)).

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WJE 401-412, 414-419, 421, 423, 425, 426, 863-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 892, 893
(Continued)

- (k) Remove the pin check tool and jackscrew assembly.
- (l) Reposition the crew seat to aft-position and reinstall jackscrew assembly and pin check tool.
- (m) Push pin check tool plunger to the left.
 - 1) No work is required if plunger protrudes beyond the pin check tool surface.
 - 2) Replace lockpins if plunger is flush with pin check tool surface (Paragraph 5.A.(3)).
- (n) Do Paragraph 5.A.(2)(a) thru Paragraph 5.A.(2)(m)2) for the left side of the aft seat track.
- (3) Lockpin not meeting requirements shown, must be removed from seat foot and replaced as follows: (Figure 204)
 - (a) Remove cover from aft seat foot.
 - (b) Remove cotter pin, washer, and shear pin; then, remove unacceptable lockpin from clevis (on lever linkage to track lock handle).
 - (c) Install replacement lockpin (P/N 3A071-0227) and secure to clevis with shear pin, washer, and cotter pin.
 - (d) Check operation of lockpin; then, install cover on aft seat foot.
- (4) If necessary, do a check of the seat track alignment of the applicable crew seat as follows: (Figure 206)
 - (a) Install the jackscrew assembly (stored in crew seat track lock pin check tool kit) to the aft seat track.

NOTE: Do not install the pin check tool.
 - (b) Raise the seat until contact is made with the underside of seat track.
 - (c) Measure and record the distance from top of seat track to the top surface inside the aft seat foot.
 - (d) Subtract 0.937 in. (23.800 mm) from the measurement, then add 0.155 in. (3.937 mm) to the remainder.
 - 1) Make sure the measurement is 1.5 in. (38.1 mm).

WJE 420, 422, 424, 427, 429, 875-879, 891

B. Check AMI Seat Lockpin (Figure 205)

- (1) Check lockpin on captain's and first officer's seat for incorrect taper as follows:
 - (a) If taper is approximately 23 degrees, lockpin is acceptable. No further work is required.
 - (b) If taper is approximately 46 degrees, lockpin is not acceptable. Proceed with Paragraph 5.B.(3).
- (2) If necessary, inspect seat lockpin engagement in seat track as follows: (Figure 206)
 - (a) Move applicable crew seat forward, until lockpins engage the third detent hole from end of each seat track.
 - (b) Remove shim blocks from tool and position jackscrew assembly on floor under aft edge of seat frame.
 - (c) Rotate adjustment wheel to raise and support seat track at the top of it's travel.
 - (d) Position pin check tool on the right side of the aft seat track.
 - (e) Make sure plunger is aligned with the same detent hole that lockpin is in.

EFFECTIVITY
WJE ALL

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WJE 420, 422, 424, 427, 429, 875-879, 891 (Continued)

- (f) Make sure pin check tool is seated against the edge of seat track and secure with clamping screw.
- (g) Push pin check tool plunger to the left.
 - 1) No work is required if plunger protrudes beyond the pin check tool surface.
 - 2) Replace lockpins if plunger is flush with pin check tool surface (Paragraph 5.B.(3)).
- (h) Remove the pin check tool and jackscrew assembly.
- (i) Reposition the crew seat at mid-position and reinstall jackscrew assembly and pin check tool.
- (j) Push pin check tool plunger to the left.
 - 1) No work is required if plunger protrudes beyond the pin check tool surface.
 - 2) Replace lockpins if plunger is flush with pin check tool surface (Paragraph 5.B.(3)).
- (k) Remove the pin check tool and jackscrew assembly.
- (l) Reposition the crew seat to aft-position and reinstall jackscrew assembly and pin check tool.
- (m) Push pin check tool plunger to the left.
 - 1) No work is required if plunger protrudes beyond the pin check tool surface.
 - 2) Replace lockpins if plunger is flush with pin check tool surface (Paragraph 5.B.(3)).
- (n) Do Paragraph 5.B.(2)(a) thru Paragraph 5.B.(2)(m)2) for the left side of the aft seat track.
- (3) Lockpin not meeting requirements shown, must be removed from seat foot and replaced as follows: (Figure 205)
 - (a) Remove cotter pin, washer, and shear pin from aft seat foot; then, remove unacceptable lockpin from tube clevis (on linkage to track lock handle).
 - (b) Install replacement lockpin (AMI4801542-1) and secure to tube clevis with shear pin, washer, and new cotter pin (MS24665-132).
 - (c) Check operation of seat with new lockpin installed.
- (4) If necessary, do a check of the seat track alignment of the applicable crew seat as follows: (Figure 206)
 - (a) Install the jackscrew assembly (stored in crew seat track lock pin check tool kit) to the aft seat track.

NOTE: Do not install the pin check tool.
 - (b) Raise the seat until contact is made with the underside of seat track.
 - (c) Measure and record the distance from top of seat track to the top surface inside the aft seat foot.
 - (d) Subtract 0.937 in. (23.800 mm) from the measurement, then add 0.155 in. (3.937 mm) to the remainder.
 - 1) Make sure the measurement is 1.5 in. (38.1 mm).

WJE ALL

- C. Check Crew Shoulder Harness and Seat Belt Connecting Links
 - (1) Check harness for deterioration, fraying and condition.
 - (2) Check links for damage and condition.

EFFECTIVITY
WJE ALL

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- D. Check Inertial Reels
 - (1) Make sure the harness can be moved smoothly throughout full travel.
 - (2) Make sure inertia reel locks automatically when a sudden load is applied.
- E. Check Seat Belt Attach Bolt
 - (1) Check each belt has correct part number bolt installed.
 - (2) Check each belt attach bolt is properly torqued.

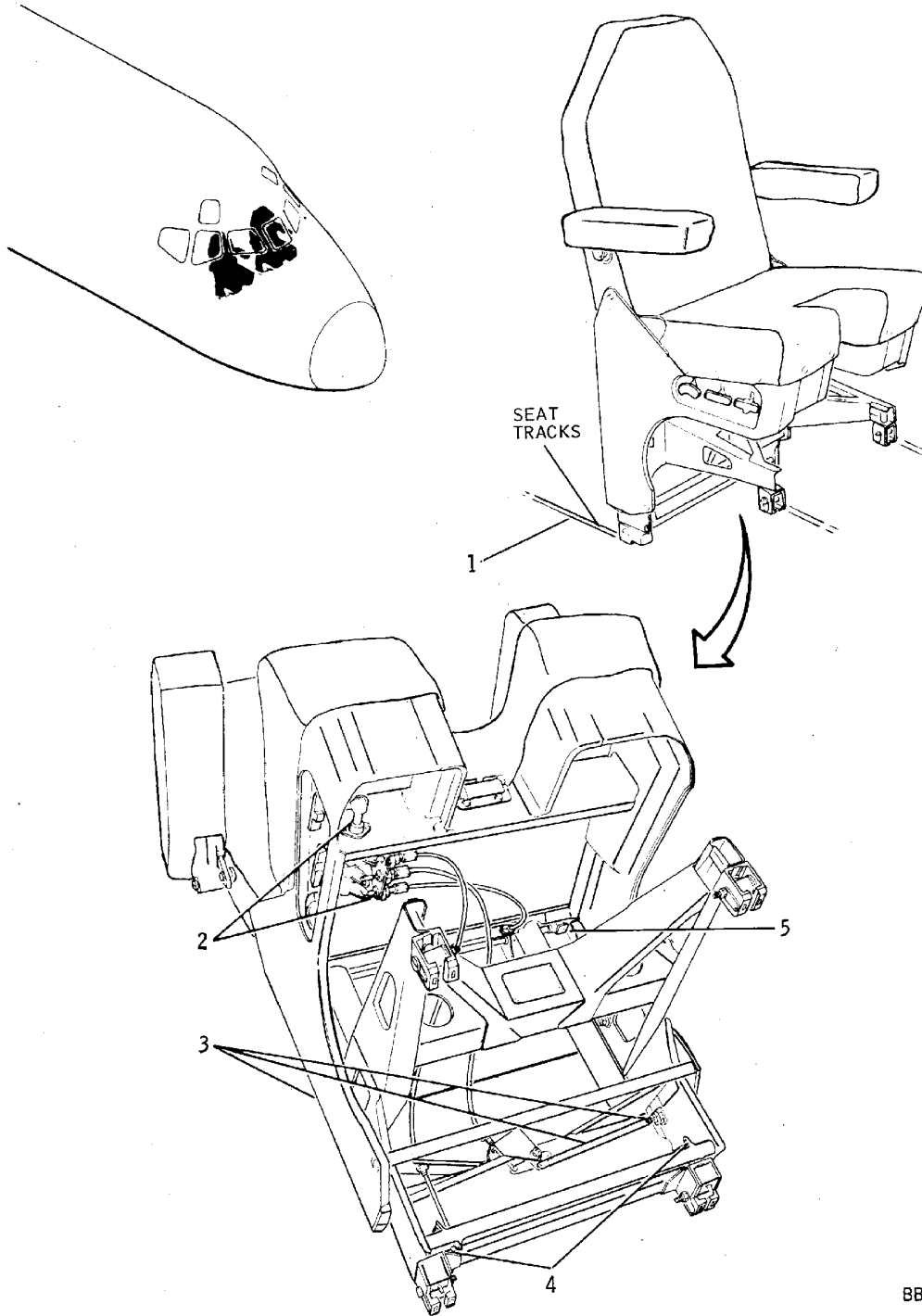
EFFECTIVITY
WJE ALL

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8882-25-5

Captain's and First Officer's Seats -- Lubrication
Figure 201/25-13-01-990-805

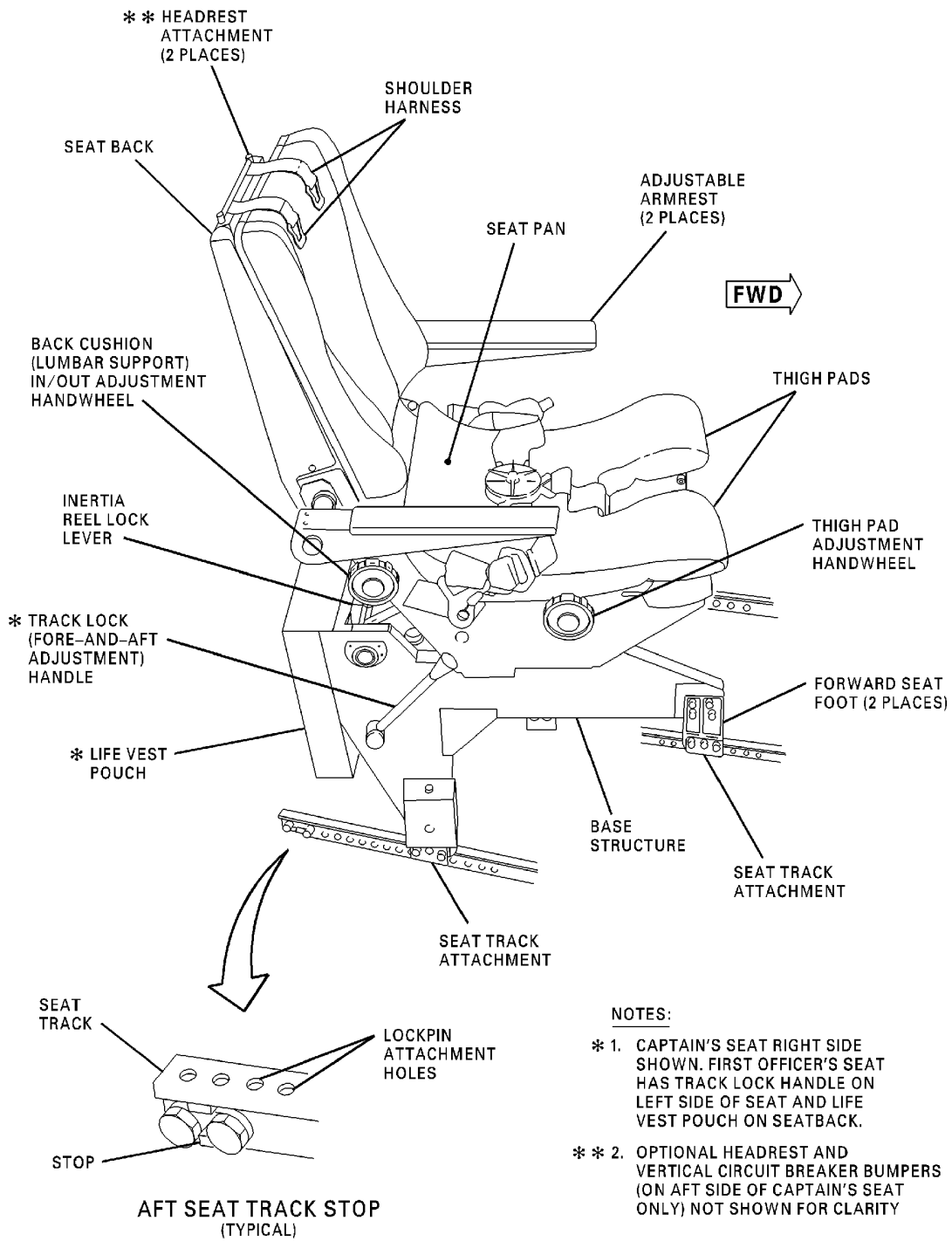
EFFECTIVITY
WJE 420, 422, 424, 427, 429, 875-879, 891

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CAG(IGDS)

BBB2-25-355A

**Captain's/First Officer's Seat -- Typical
Figure 202/25-13-01-990-806 (Sheet 1 of 2)**

EFFECTIVITY

WJE 401-412, 414-419, 421, 423, 425, 426, 863-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 892, 893

TP-80MM-WJE

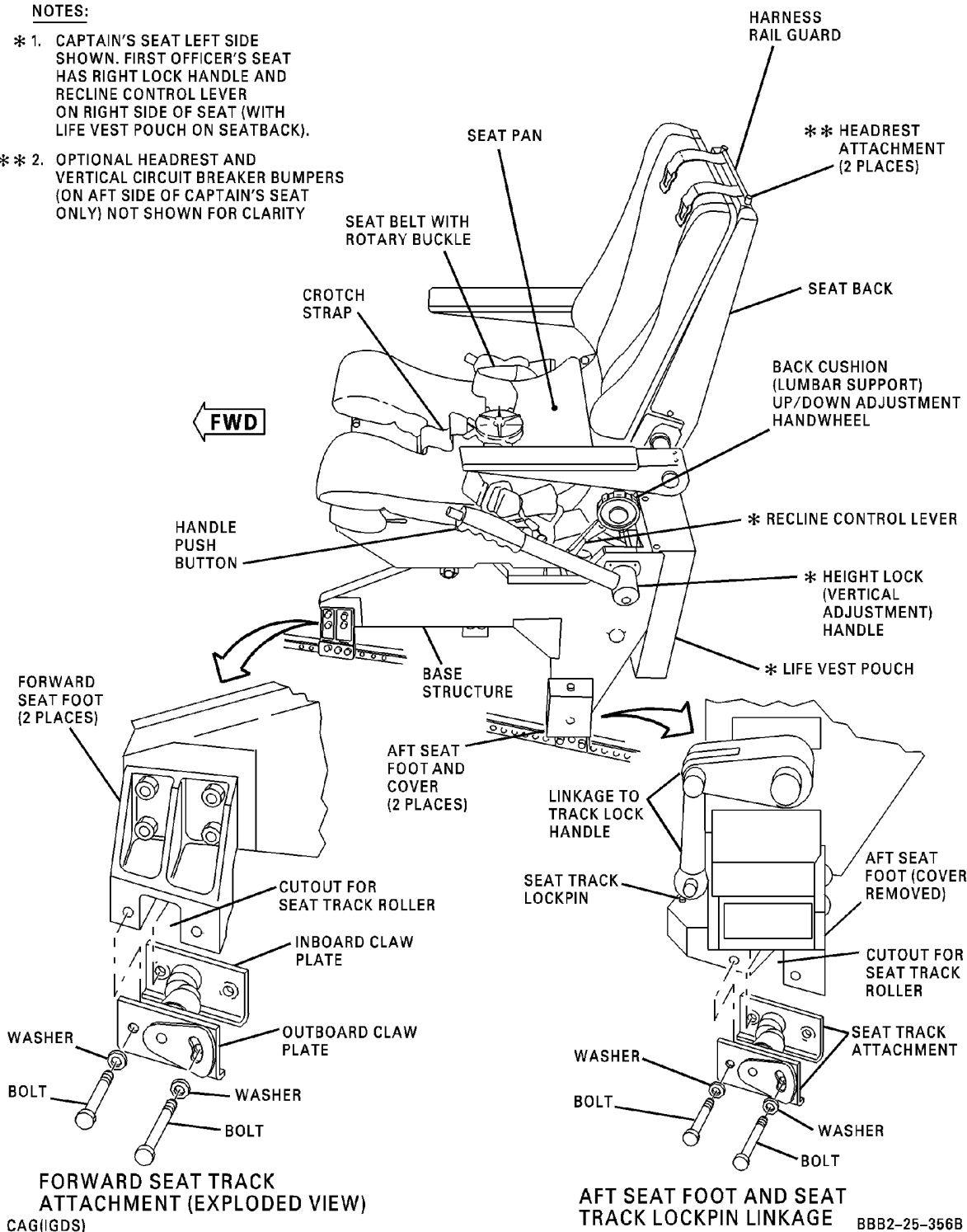
25-13-01

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NOTES:

- * 1. CAPTAIN'S SEAT LEFT SIDE SHOWN. FIRST OFFICER'S SEAT HAS RIGHT LOCK HANDLE AND RECLINE CONTROL LEVER ON RIGHT SIDE OF SEAT (WITH LIFE VEST POUCH ON SEATBACK).
- ** 2. OPTIONAL HEADREST AND VERTICAL CIRCUIT BREAKER BUMPERS (ON AFT SIDE OF CAPTAIN'S SEAT ONLY) NOT SHOWN FOR CLARITY



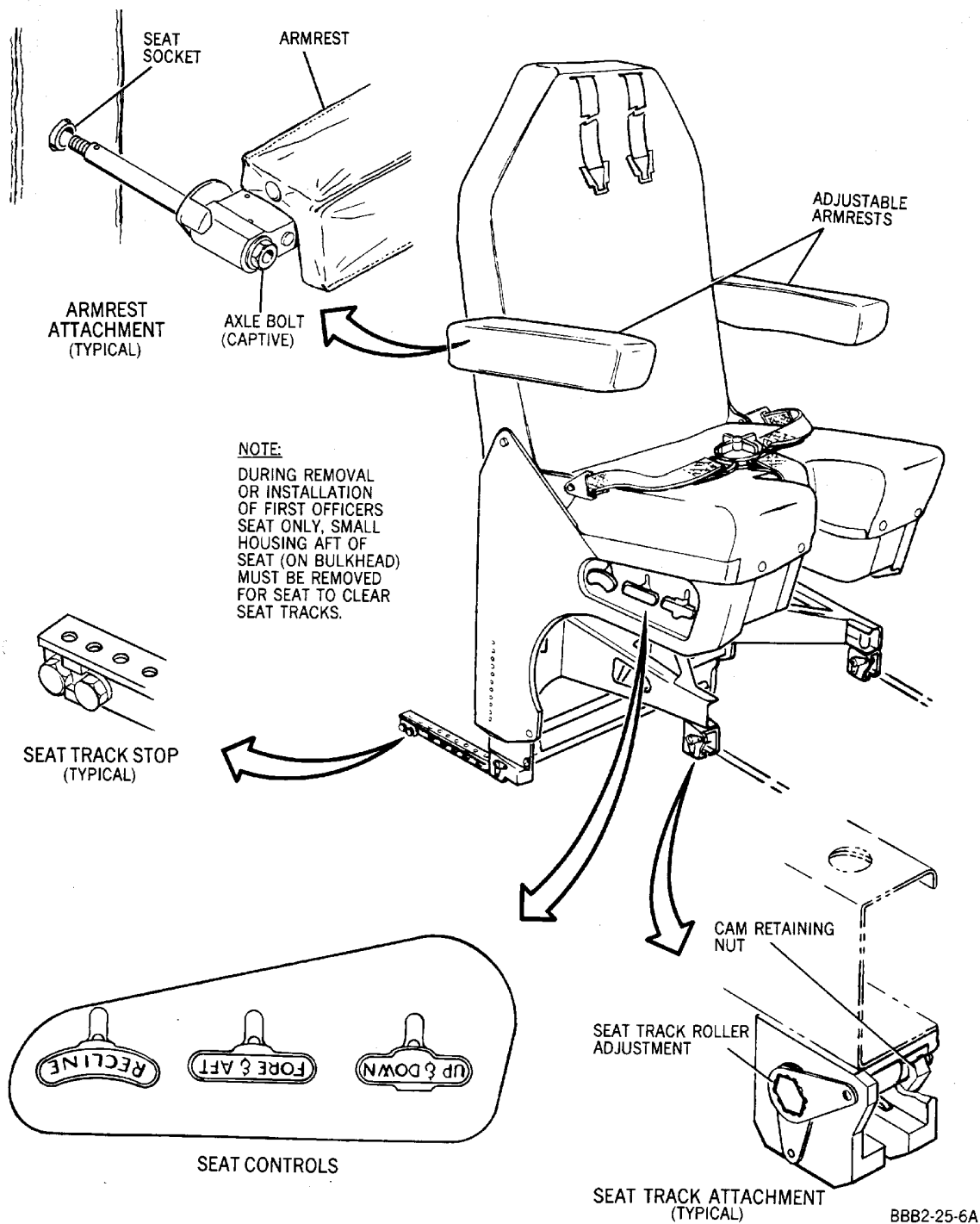
**Captain's/First Officer's Seat -- Typical
Figure 202/25-13-01-990-806 (Sheet 2 of 2)**

EFFECTIVITY
WJE 401-412, 414-419, 421, 423, 425, 426, 863-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 892, 893

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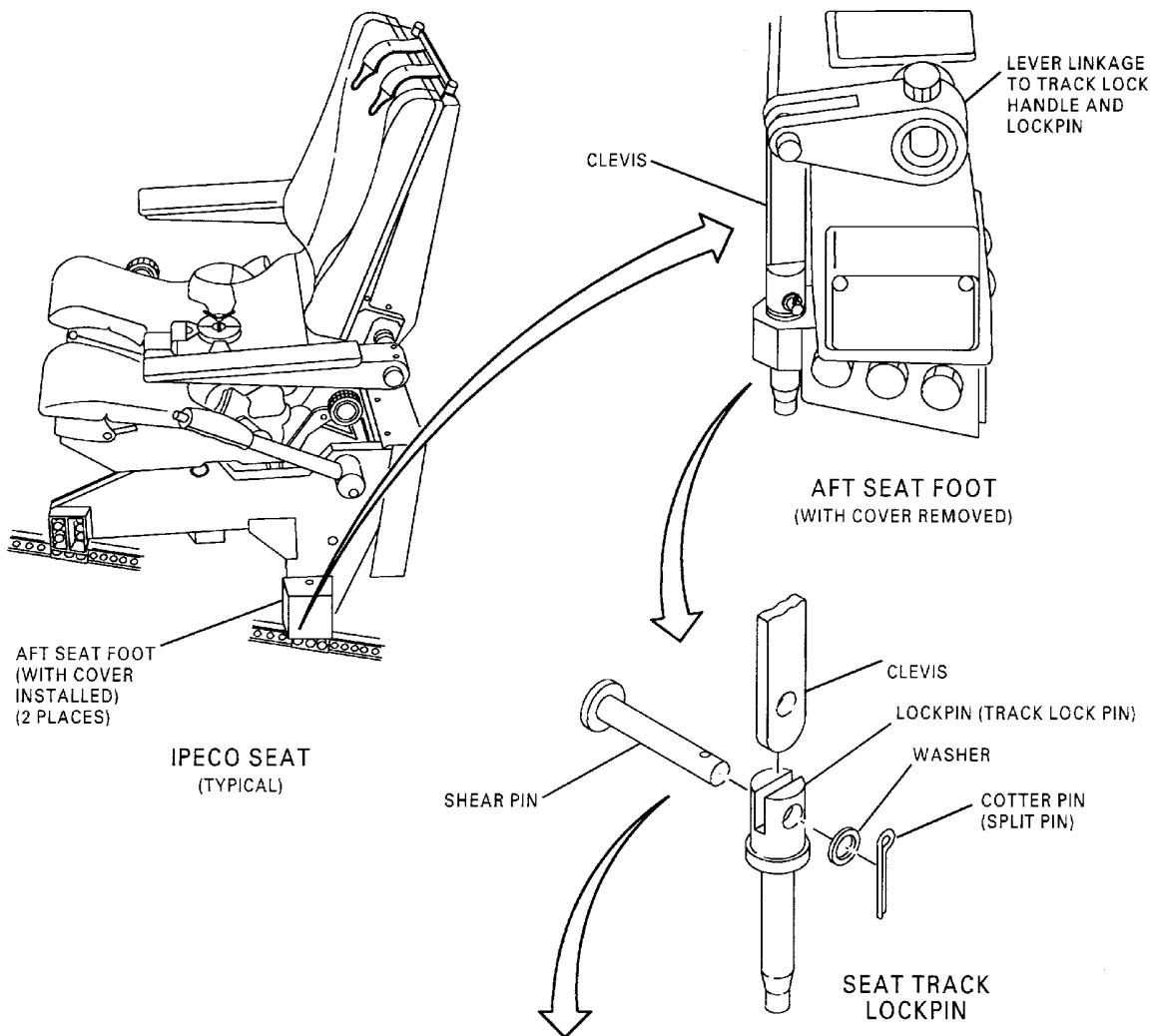
**Captain's and First Officer's Seats
Figure 203/25-13-01-990-802**

EFFECTIVITY
WJE 420, 422, 424, 427, 429, 875-879, 891

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SEAT LOCKPIN (TRACK LOCK PIN) CONDITION		
 NEW PIN	 ACCEPTABLE WEAR	 UNACCEPTABLE WEAR

CAG(IGDS)

BBB2-25-610

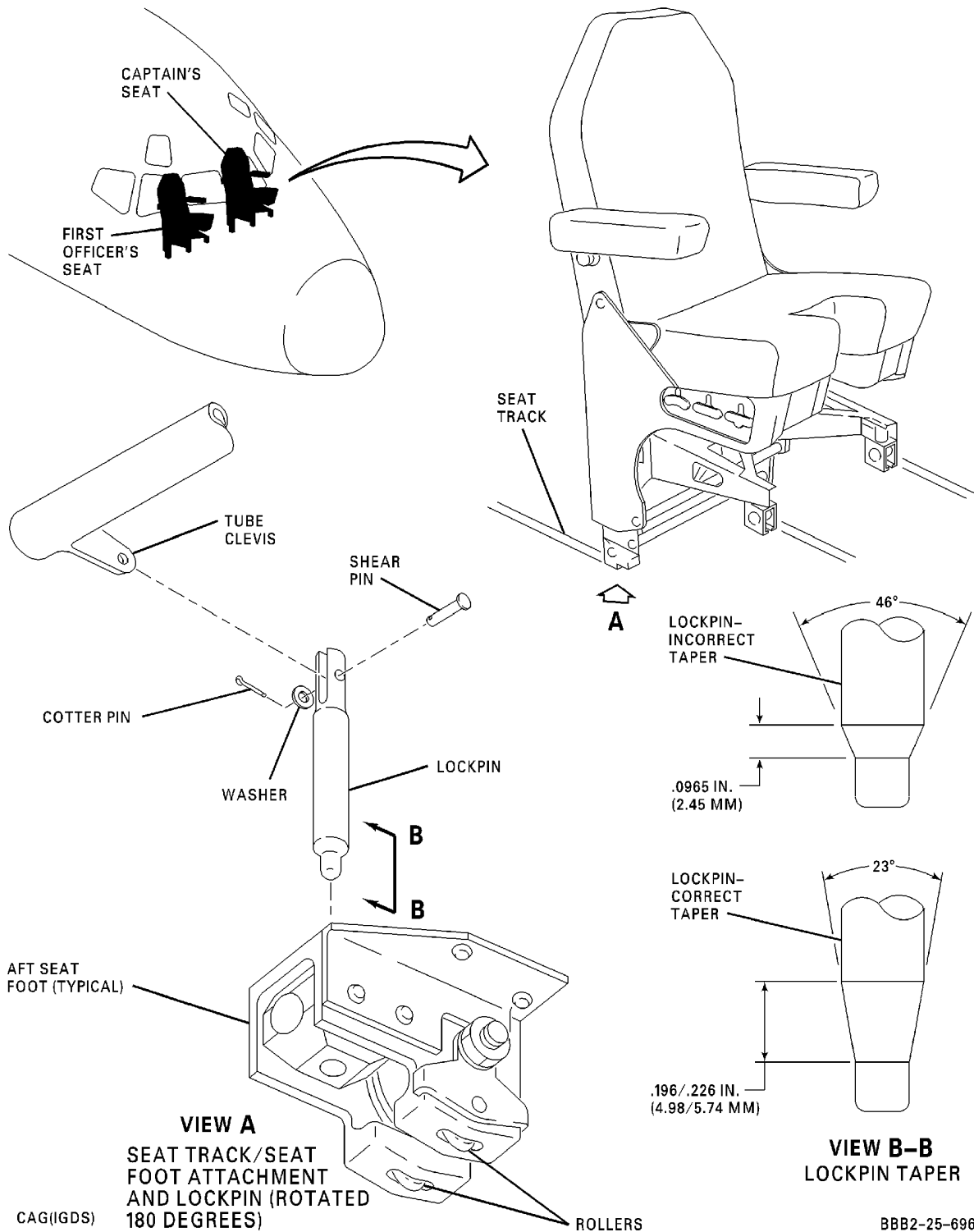
**IPECO Seat Lockpin -- Check
 Figure 204/25-13-01-990-807**

EFFECTIVITY
 WJE 401-412, 414-419, 421, 423, 425, 426, 863-866,
 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 892,
 893

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**AMI Seat Lockpin - Check
Figure 205/25-13-01-990-808**

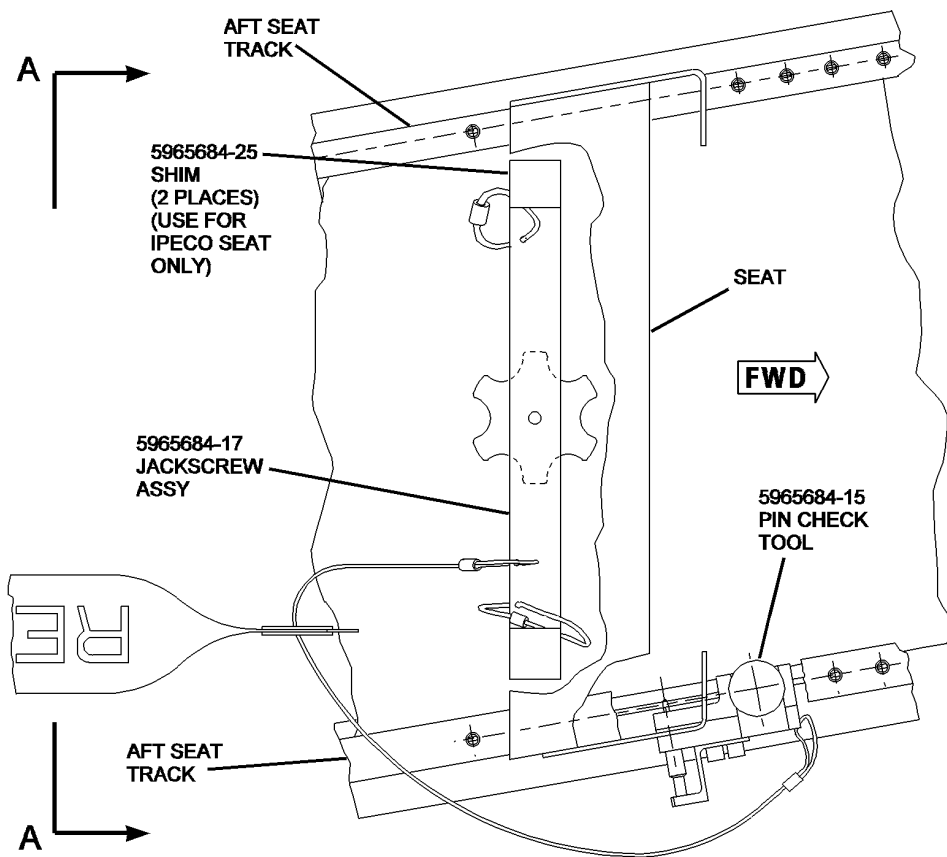
EFFECTIVITY
WJE 420, 422, 424, 427, 429, 875-879, 891

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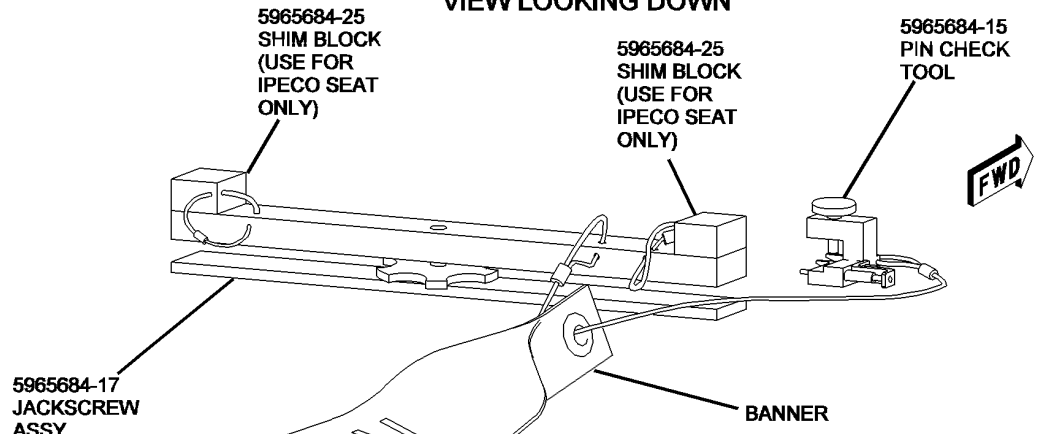
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VIEW LOOKING DOWN



**VIEW A-A
LOOKING FORWARD
SEAT, SEAT TRACK AND
FLOOR PANEL NOT SHOWN**

BBB2-25-841
S0000178821V1

**Captain's and First Officer's Seat Lockpin Engagement - Inspection
Figure 206/25-13-01-990-809 (Sheet 1 of 5)**

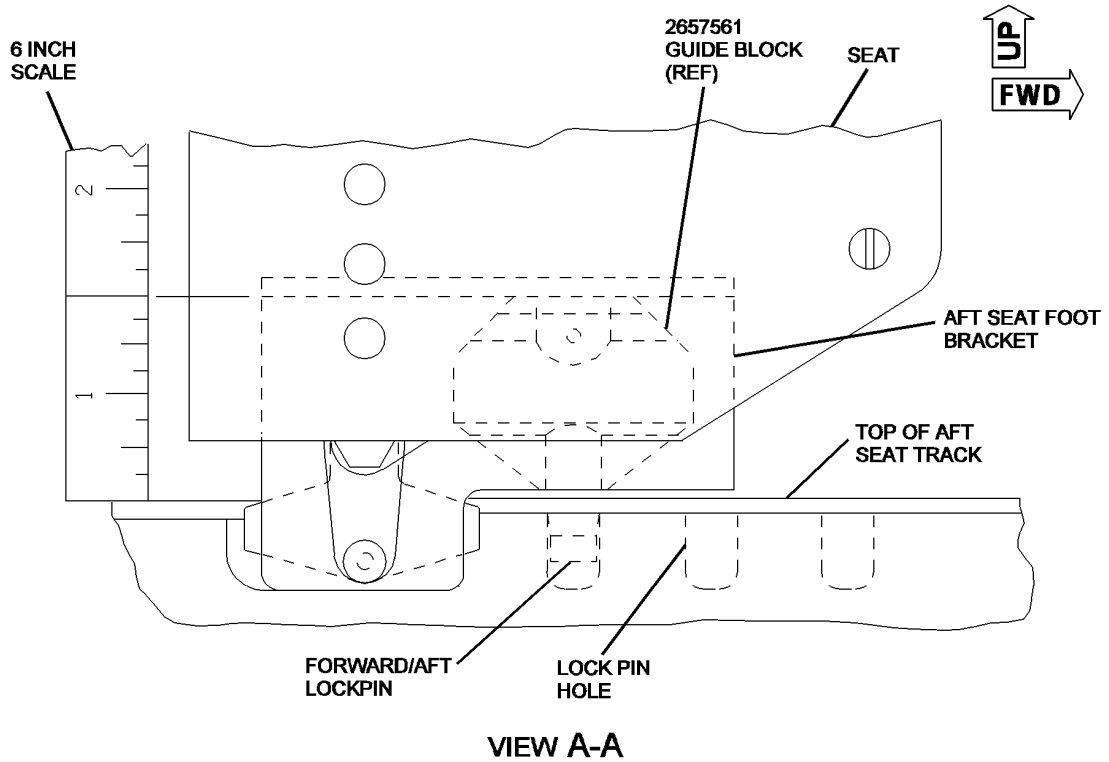
EFFECTIVITY
WJE ALL

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BBB2-25-842
S0000178822V1

Captain's and First Officer's Seat Lockpin Engagement - Inspection
Figure 206/25-13-01-990-809 (Sheet 2 of 5)

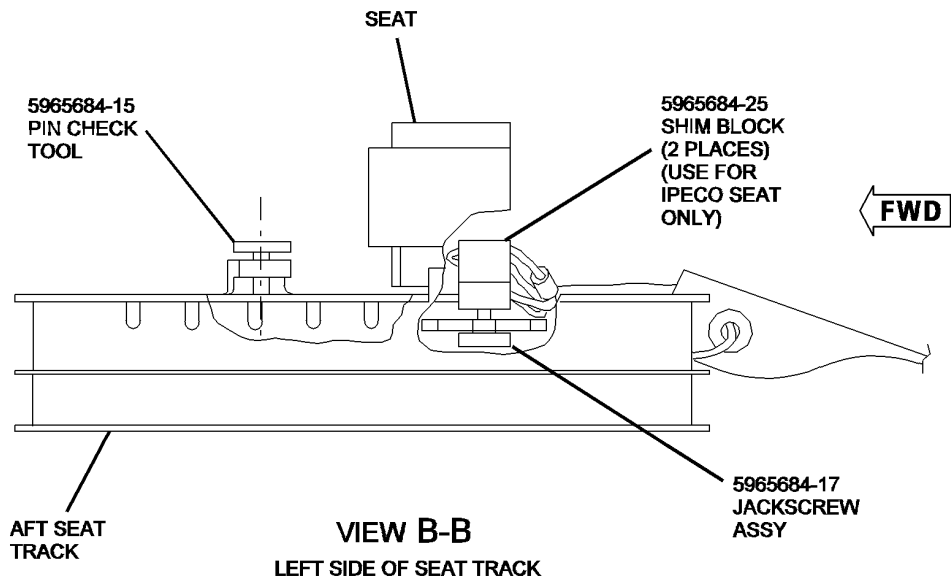
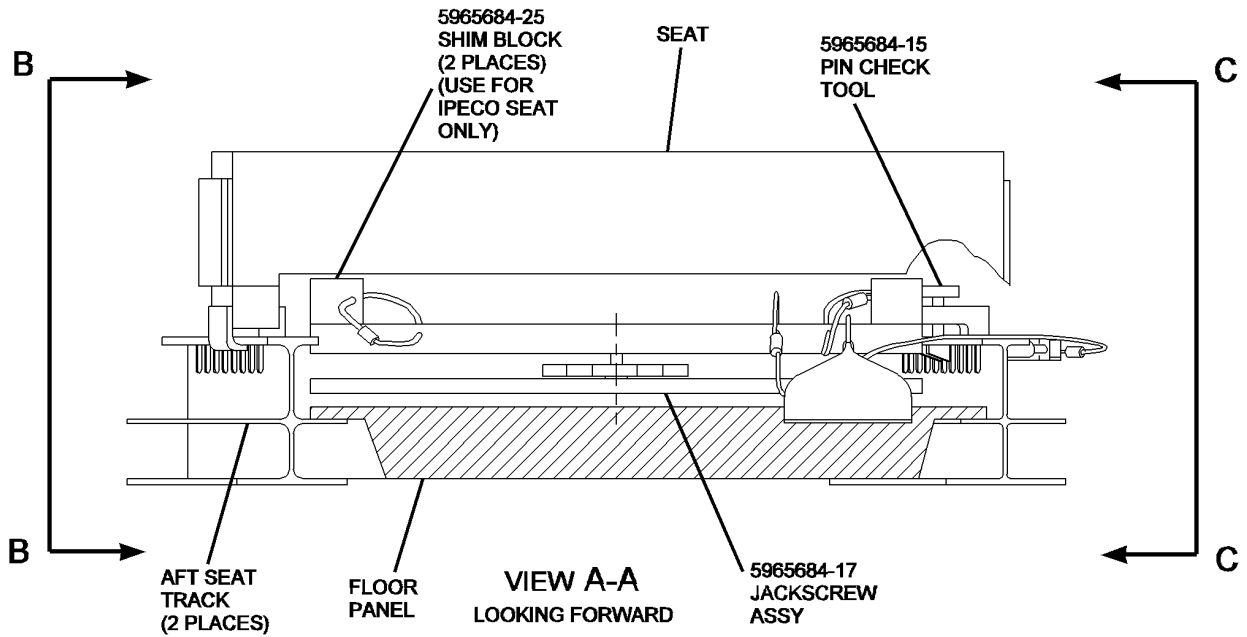
EFFECTIVITY
WJE ALL

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Captain's and First Officer's Seat Lockpin Engagement - Inspection
Figure 206/25-13-01-990-809 (Sheet 3 of 5)

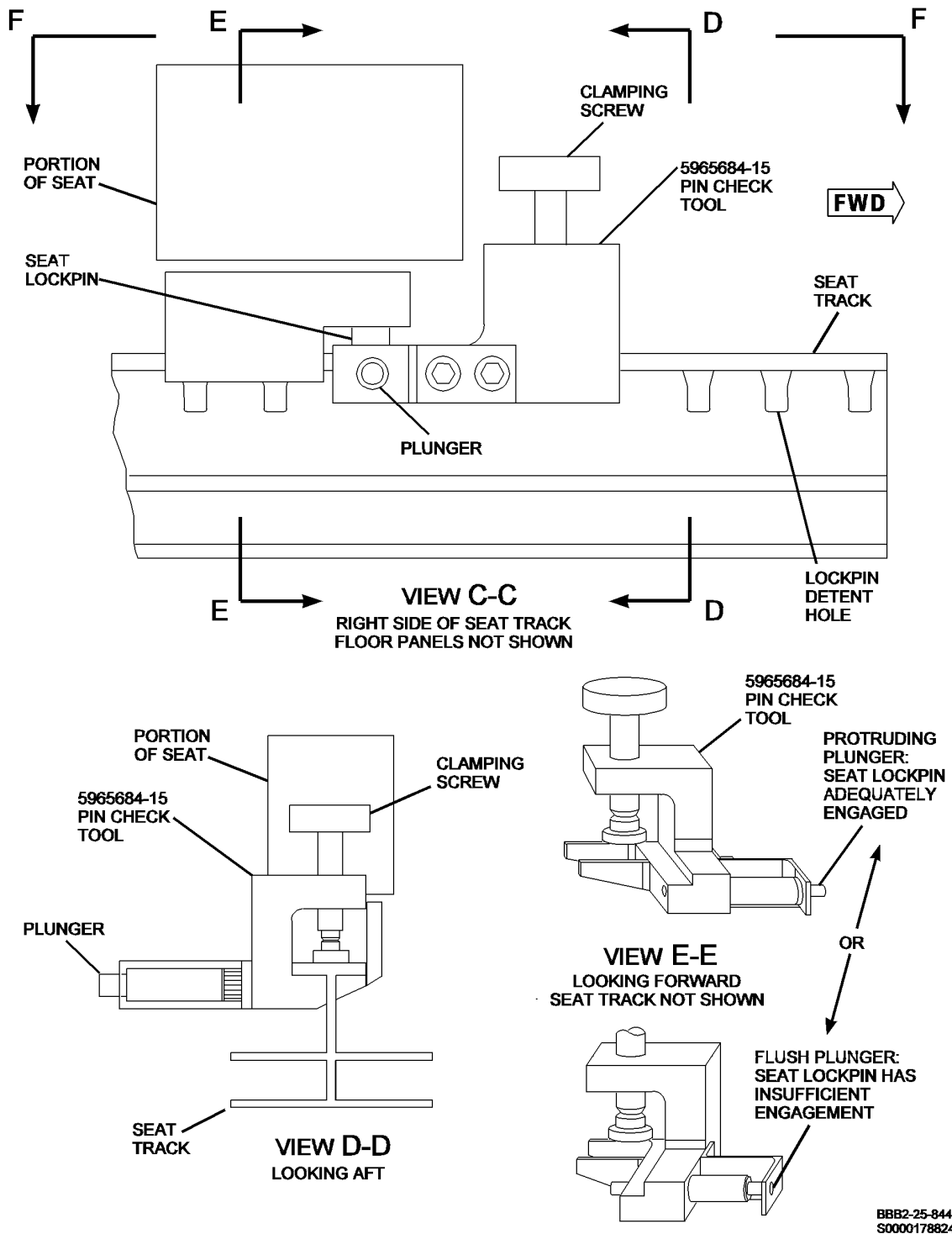
EFFECTIVITY
WJE ALL

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Captain's and First Officer's Seat Lockpin Engagement - Inspection
Figure 206/25-13-01-990-809 (Sheet 4 of 5)

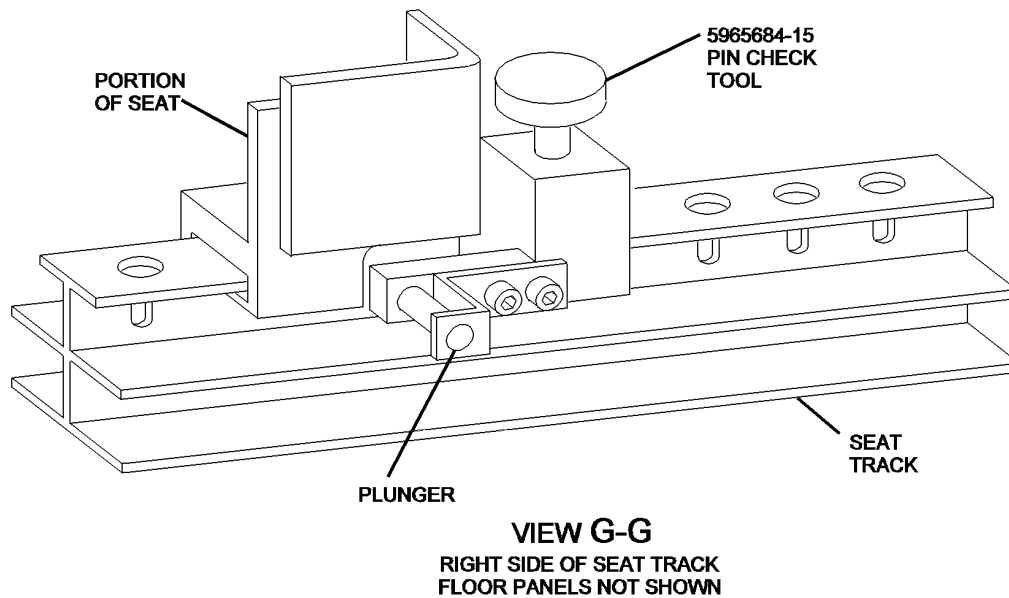
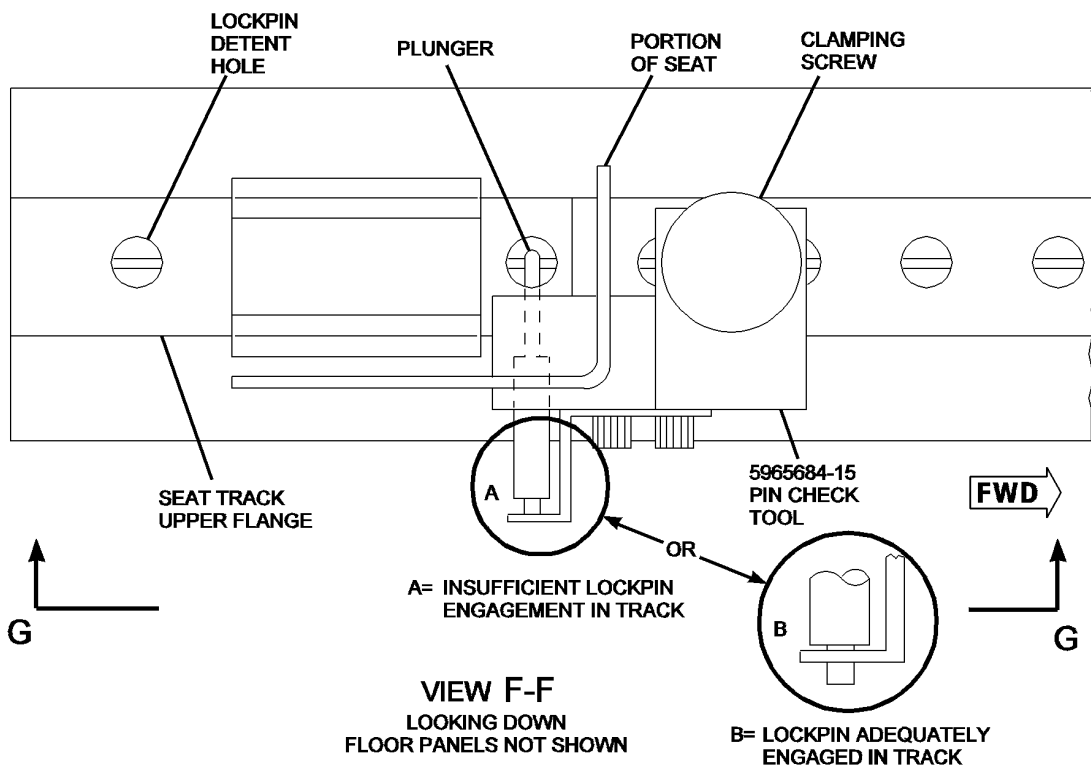
EFFECTIVITY
WJE ALL

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BBB2-25-845
S0000178825V1

**Captain's and First Officer's Seat Lockpin Engagement - Inspection
Figure 206/25-13-01-990-809 (Sheet 5 of 5)**

EFFECTIVITY
WJE ALL

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CAPTAIN'S AND FIRST OFFICER'S SEATS - ADJUSTMENT/TEST

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-13-01-710-801

2. Operational Check of the Captain and First Officer Seats Shoulder Harness Inertial Reel

A. Captain and First Officer Seats Shoulder Harness Inertial Reel Operational Check

SUBTASK 25-13-01-710-001

- (1) Check operation of shoulder harness by pulling out and releasing several times. Harness should not drag or bind. Harness should fully retract into backrest until stopped by buckle clips on ends of shoulder straps.
- (2) Make sure inertial reel locks automatically when a sudden load is applied.

B. Job Close-up

SUBTASK 25-13-01-942-002

- (1) Remove all the tools and equipment from the work area. Make sure the work area is clean.

————— **END OF TASK** —————

TASK 25-13-01-720-801

3. Functional Check of the Captain and First Officer Seatbelt Attach Bolts for Proper Torque

A. Captain's and First Officer's Seatbelt Attach Bolts Functional Check for Proper Torque

SUBTASK 25-13-01-720-001

- (1) Check each belt attach bolt is properly torqued.

B. Job Close-up

SUBTASK 25-13-01-942-003

- (1) Remove all the tools and equipment from the work area. Make sure the work area is clean.

————— **END OF TASK** —————

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CAPTAIN'S AND FIRST OFFICER'S SEATS - INSPECTION/CHECK

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-13-01-211-801

2. Detailed Inspection of the Captain and First Officer Seatbelt Connecting Links

A. Captain and First Officer Seatbelt Connecting Links Detailed Inspection

SUBTASK 25-13-01-211-001

(1) Do a detailed inspection of the seatbelt connecting links for damage and condition.

B. Job Close-up

SUBTASK 25-13-01-942-001

(1) Remove all the tools and equipment from the work area. Make sure the area is clean.

———— **END OF TASK** ————

EFFECTIVITY
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OBSERVER'S SEAT - DESCRIPTION AND OPERATION

1. General

- A. The flight compartment provides accommodations for the flight crew and consists of stations for a captain, first officer, and observer. The description and operation data in this section provides information for the observer's seat only. For information on the captain's and first officer's seat, refer to CAPTAIN'S AND FIRST OFFICER'S SEATS - DESCRIPTION AND OPERATION, PAGEBLOCK 25-13-01/001.

2. Observer's Seat

A. Description

- (1) Observer's Seat - The observer's seat is located in the flight compartment passageway, aft of the pilot's stations, and between galley unit No. 1 and electrical power center. The seat is positioned so that the observer may view the cockpit instruments and controls. The rigid, folding type seat is readily stowable or removable. The seat is equipped with a seat belt and a single-strap shoulder harness. A fold-down footrest is provided for the observer on each side of pilots' center console.
- (2) Seat Stowage - The seat can be stowed by folding the seat-back forward against the seat bottom, fastening the stowage strap, depressing the seat lock levers, and raising the seat to the top of the channels. The seat folds to the stowed position as it is raised in the channels. The stowage strap may then be snapped to hold the seat in the folded position. The lockpins then snap into holes in the top of the channels.

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OBSERVER'S SEAT - MAINTENANCE PRACTICES

1. General

- A. These maintenance practices provide removal and installation procedures for the observer's seat installed in the flight compartment. (Figure 201)

2. Removal/Installation Observer's Seat

A. Remove Seat

- (1) Remove attach bolts from lower end of seat braces.
- (2) Remove upper attach bolts from aft channel and bracket.
- (3) Loosen remaining aft channel attach bolts enough to free riders.

CAUTION: MAKE CERTAIN RIDERS ARE SECURED TO LOCKING PINS.

- (4) Release seat locking pins and remove seat, securing riders to locking pins.

B. Install Seat

- (1) Position seat to allow riders entry into forward channel.
- (2) Bring seat into place and ensure correct alignment of riders in channels.
- (3) Install attach bolts through aft channel and bracket. Tighten all attach bolts.
- (4) Install and tighten attach bolts in lower end of seat braces.

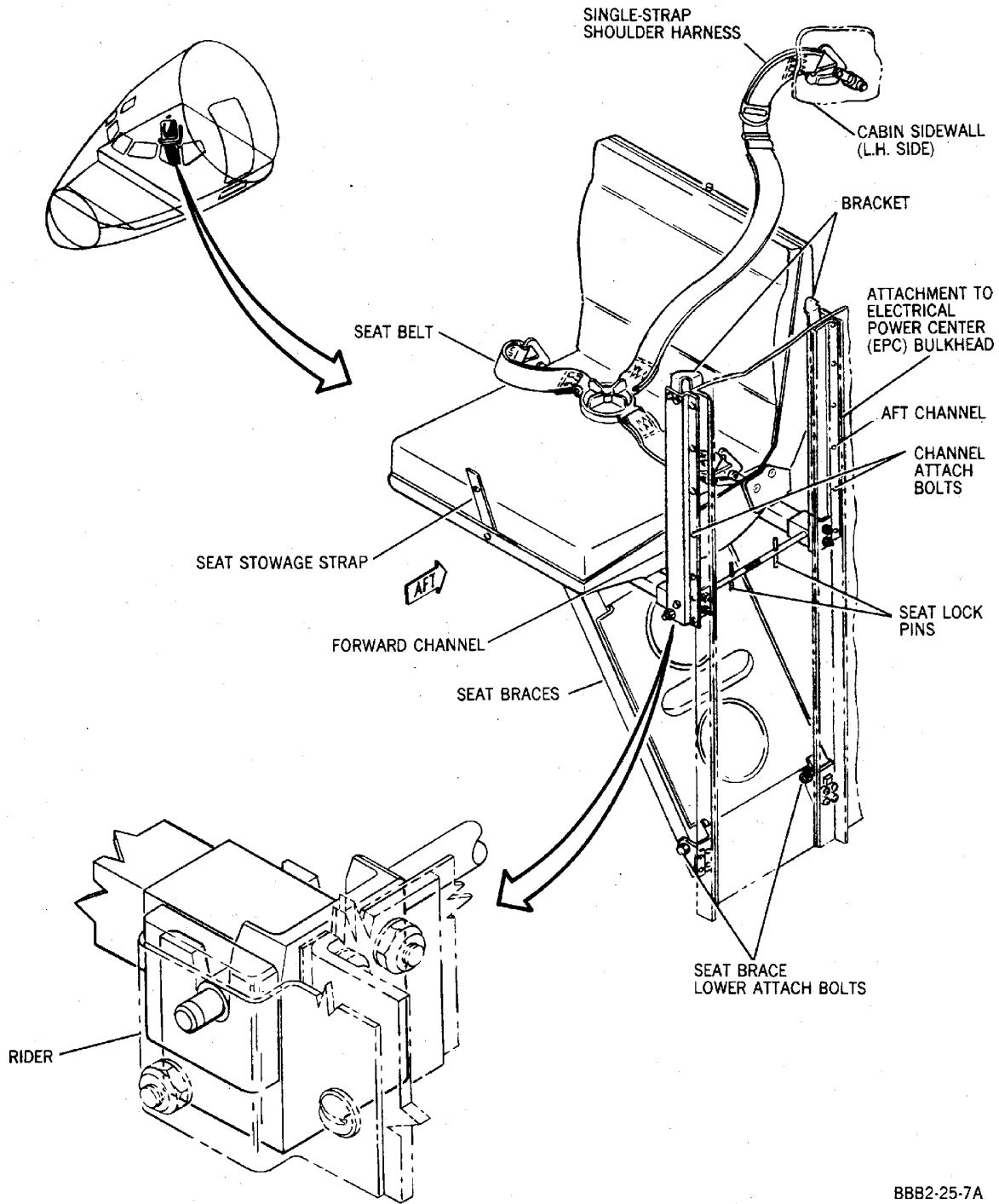
EFFECTIVITY
WJE ALL

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BBB2-25-7A

Observer's Seat
Figure 201/25-13-02-990-801

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OBSERVER'S SEAT - ADJUSTMENT/TEST

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-13-02-720-801

2. Functional Check of the Observer Seatbelt Attach Bolts for Proper Torque

A. Observer Seatbelt Attach Bolts Functional Check for Proper Torque

SUBTASK 25-13-02-720-001

(1) Check each belt attach bolt is properly torqued.

B. Job Close-up

SUBTASK 25-13-02-942-002

(1) Remove all the tools and equipment from the work area. Make sure the work area is clean.

———— **END OF TASK** ————

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OBSERVER'S SEAT - INSPECTION/CHECK

1. **General**

A. This procedure contains MSG-3 task card data.

TASK 25-13-02-211-801

2. **Detailed Inspection of the Observer Seatbelt Connecting Links**

A. Observer Seatbelt Connecting Links Detailed Inspection

SUBTASK 25-13-02-211-001

(1) Do a detailed inspection of the seatbelt connecting links for damage and condition.

B. Job Close-up

SUBTASK 25-13-02-942-001

(1) Remove all the tools and equipment from the work area. Make sure the area is clean.

———— **END OF TASK** ————

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PILOT'S EYE POSITION LOCATOR - DESCRIPTION AND OPERATION

1. General

- A. The pilot's eye position locator in the flight compartment is provided as an aid in adjusting the captain's and first officer's seats to obtain the most desirable seating and viewing position for takeoff and landing. (Figure 1)

2. Flight Compartment Pilot's Eye Position Locator

A. Description

- (1) The pilot's eye position locator, one each for the captain and first officer, consists of a fixed eye locator ring/target dot located below the flight compartment glareshield. The locator installed above the first officer's instrument panel is for positioning the captain's seat. The locator installed above the captain's instrument panel is for positioning the first officer's seat. (Figure 1)
- (2) The pilot's eye position locator is a self-luminous item and has tritium gas filled capsules. The radioactive tritium gas presents no radiological problem when the items are intact. Minor nicks or scratches on the item present no hazard.

NOTE: Tritium is considered to be a low level toxic isotope and presents no health hazard as long as the item is intact and not broken.

- (3) In the event, the pilot's eye position locator becomes broken, proceed immediately to PILOT'S EYE POSITION LOCATOR - MAINTENANCE PRACTICES, PAGEBLOCK 25-13-05/201
- (4) To utilize the pilot's eye position locator for seat positioning, proceed as follows:
- (a) Sit normally in seat.
 - (b) Rotate head vertically and look directly at applicable eye position locator.
 - (c) Close left eye and sight through eye locator ring with right eye.
 - (d) Adjust seat as required until target dot is centered in eye locator ring.

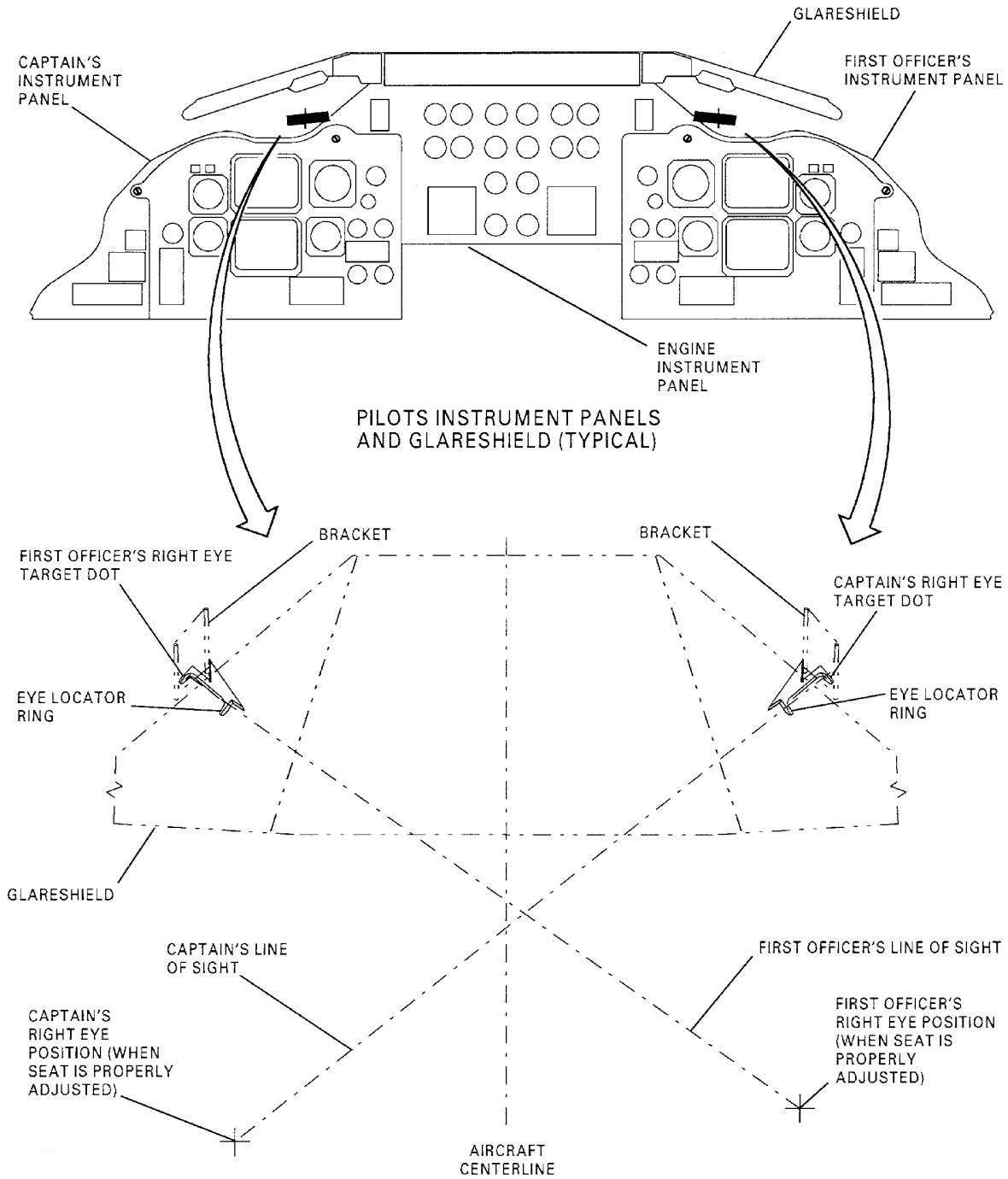
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CAG(IGDS) PILOTS EYE POSITION LOCATORS (LOOKING DOWN THROUGH GLARESHIELD) BB82-25-641

**Pilot's Eye Position Locator
Figure 1/25-13-05-990-802**

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WJE ALL

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PILOT'S EYE POSITION LOCATOR - MAINTENANCE PRACTICES

1. General

WARNING: IF AN ITEM CONTAINING TRITIUM IS CRACKED OR BROKEN, RADIOACTIVE TRITIUM GAS ESCAPING MAY PRESENT A HEALTH HAZARD IF GAS IS INHALED. SEEK MEDICAL ADVICE.

- A. These maintenance practices provide removal and installation procedures for the pilot's eye position locator devices installed one each above the captain's and first officer's instrument panel (just below the compartment glareshield). Removal and installation for both eye position locator devices are identical except as noted (Figure 201).
- B. Radioactive (self-illuminating) items (target dot and eye locator ring) containing tritium gas filled capsules are connected and imbedded in a durable plastic. The radioactive tritium gas presents no radiological problem when the items are intact. Minor nicks or scratches on the items present no hazard.

NOTE: Tritium is considered to be a low level toxic isotope and presents no health hazard as long as the item is intact and not broken.

- C. These items operate without batteries, bulbs, or external power source. The items are luminous symbols on a plexiglas housing containing tritium gas. Life of the tritium exciter has been established as one-half (1/2) luminescence at the end of a twelve year period. Because of relatively long life of the tritium exciter, the decrease in the item's brightness is gradual. Sudden or total loss of brightness does not occur unless there is a loss of the tritium gas. No maintenance is necessary other than visual examination to detect damaged items. No item may continue to be used if its luminescence (brightness) decreases below 100 microlamberts. The radioactive tritium gas presents no danger to personnel as long as the items remain intact. Dispose of damaged items or those which have exceeded their useful life.
- D. Following precautionary measures must be observed during handling of radioactive pilot's eye position locator:
 - (1) Aircraft air conditioning system should be operated whenever possible while changing or providing maintenance on pilot's eye position locator. If aircraft air conditioning system cannot be used, electrical fans should be used to move and circulate air in cabin. If this is not possible, workers should evacuate cabin immediately until adequate ventilation can be provided. If ventilation cannot be provided, individuals will wear a radionuclide respirator and rubber gloves. Pilot's eye position locator should be handled with care and not placed on floor or ground to avoid crushing.
 - (2) Disposal of damaged units or those which have exceeded their useful life must be handled through radioactive material disposal service authorized by the appropriate governmental agency. (Procedures and regulations vary from state to state and country to country.)
 - (3) Alteration of the pilot's eye position locator in any manner can only be made by original manufacturer.
 - (4) Store the pilot's eye position locator in protective containers in a well ventilated area.

2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed items:

Table 201

Name & Number	Manufacturer
Comparator CAN/DB/45/1	Self Powered Lighting Ltd. 8 Westchester Plaza Elmsford, New York
Rubber gloves	

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Table 201 (Continued)

Name & Number	Manufacturer
Plastic bag	
Protective container, (metal, wood, or fiberboard)	
Cushioning material	

3. Removal/Installation Pilot's Eye Position Locator

A. Remove Pilot's Eye Position Locator (Undamaged)

- (1) Mark and note position of installed eye position locator.
- (2) Remove attachment screws, washers, and nuts (two places), securing locator device to bracket below glareshield.
- (3) Carefully lift and remove locator device clear of bracket pin and bracket.
- (4) Wrap eye position locator in protective material, place in protective container and seal prior to storage or shipping.

NOTE: Any type of metal, wooden, or fiberboard container may be used to contain eye position locator. Eye position locator should be packed so it has adequate cushioning for protection.

B. Remove Pilot's Eye Position Locator (Damaged)

WARNING: IF ITEM CONTAINING TRITIUM IS DAMAGED OR BROKEN, ALL PERSONNEL MUST LEAVE AIRCRAFT IMMEDIATELY.

- (1) Turn on aircraft air conditioning system .GENERAL - DESCRIPTION AND OPERATION, PAGEBLOCK 21-00-00/001 If this is not possible, large capacity portable circulating fans should be placed within cabin. Fans or air conditioning system should be run at high speeds for at least one half hour.

WARNING: DO NOT BREATHE TRITIUM GAS OR ALLOW RADIOACTIVE MATERIAL TO COME IN CONTACT WITH BODY. DO NOT HANDLE ITEM ANY MORE THAN NECESSARY.

- (2) Wearing rubber gloves, remove pilot's eye position locator, place in plastic bag and tightly close plastic bag.
- (3) Immediately remove pilot's eye position locator and rubber gloves to outside of aircraft to well ventilated area away from personnel for approximately 4.0 hours.
- (4) After 4.0 hours place plastic bag and rubber gloves in air-tight metal container.
- (5) Store container in a well ventilated area.
- (6) Notify authorized radioactive material disposal personnel.

C. Install Pilot's Eye Position Locator

- (1) Place eye position locator over pin on bracket just below glareshield as required (noting marked position of removed locator device).

NOTE: Make certain attaching surfaces are clear to facilitate installation of locator device.

- (2) Secure locator device to bracket in marked position with screws, washers and nuts (two places).
- (3) Check seat position using locator device. (PILOT'S EYE POSITION LOCATOR - DESCRIPTION AND OPERATION, PAGEBLOCK 25-13-05/001)

EFFECTIVITY
WJE ALL

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4. Inspection/Check Radioactive Pilot's Eye Position Locator

A. Check Pilot's Eye Position Locator

WARNING: IF DAMAGE TO PILOT'S EYE POSITION LOCATOR IS OBSERVED PROCEED IMMEDIATELY TO PARAGRAPH 3.B.

- (1) Check pilot's eye position locator for cracks or breakage.
- (2) With comparator held in front of pilot's eye position locator, focus on center of target dot.

NOTE: The use of a comparator is not necessary, but it is recommended.

NOTE: Betalight comparator internal luminous source must be calibrated at 100 microlamberts to provide accurate comparison.

- (3) Compare brightness of pilot's eye position locator with comparator internal luminous source. If luminescence of any locator is less than comparator luminous source, replace pilot's eye position locator.

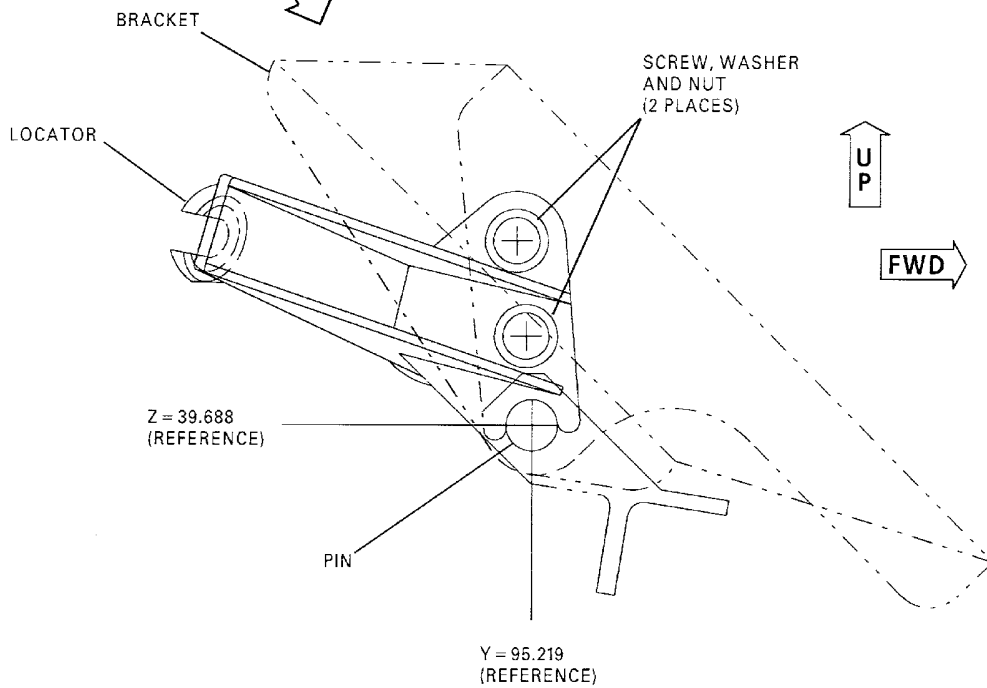
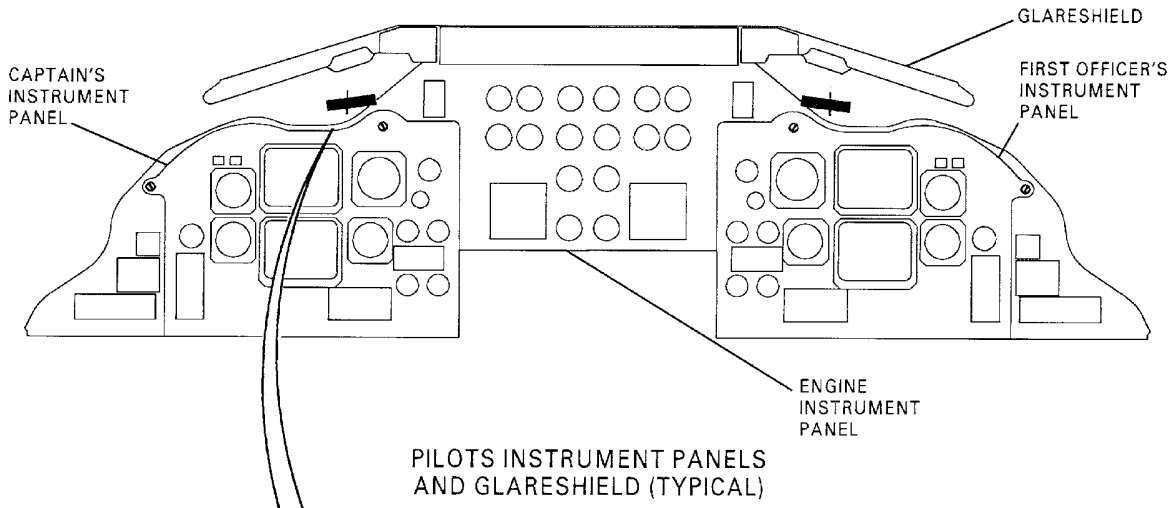
EFFECTIVITY
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EYE POSITION LOCATOR
(DEVICE ABOVE CAPTAIN'S PANEL
SHOWN - DEVICE ABOVE FIRST
OFFICER'S PANEL OPPOSITE)

CAG(IGDS)

BBB2-25-642

**Pilot's Eye Position Locator -- Removal/Installation
Figure 201/25-13-05-990-801**

EFFECTIVITY
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PASSENGER COMPARTMENT - DESCRIPTION AND OPERATION

1. General

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- A. The passenger compartment is the main cabin area between the flight compartment and the aft pressure bulkhead. The compartment is designed for an all coach or mixed class configuration.

WJE 412, 414

- B. The passenger compartment is the main cabin area between the flight compartment and the aft pressure bulkhead. The compartment is designed for an all coach, all business or mixed class configuration.

WJE ALL

2. Passenger Compartment

- A. Description

WJE 893

- (1) Passenger and Crew Accommodations - The passenger and crew accommodations include seats, overhead stowage compartments, galleys, lavatories, and coatrooms (on aircraft 102-104, 107, 109-111, 113-115, 151), and doghouse-type stowage compartments (on aircraft 102-104, 107- 111, 113-114, 151). An aft cart stowage compartment is installed on aircraft 105-106, 112 in lieu of an aft coatroom. A G3A galley unit is installed on aircraft 102, 104-106, 112, 151 in place of the G3 galley. G4B and G5 galley units are only provided on aircraft 108. All aircraft have a double aft-facing cabin attendant's seat installed against the electrical power center bulkhead in the forward end of the compartment; a single forward-facing cabin attendant's seat installed on the inboard side of galley unit No. 4; and a double forward-facing cabin attendant's seat is installed on the aft passenger entrance door. (Figure 13)

WJE 873, 874, 892

- (2) Passenger and Crew Accommodations - The passenger and crew accommodations include seats, overhead stowage compartments, galleys, lavatories, and coatrooms, and doghouse-type stowage compartments. All aircraft have a double aft-facing cabin attendant's seat installed against the electrical power center bulkhead in the forward end of the compartment; a single forward-facing cabin attendant's seat installed on the inboard side of galley unit No. 4; and a double forward-facing cabin attendant's seat is installed on the aft passenger entrance door. (Figure 12 or Figure 13)

WJE 405, 406, 409, 881, 883, 884

- (3) Passenger and Crew Accommodations - The passenger and crew accommodations include seats, overhead stowage compartments, class-divider partition with lower stowage compartments, galleys, lavatories, an aft left coatroom, and doghouse-type stowage compartments, if installed, attached to the forward side of the aft G3 galley and coatroom units. A double aft-facing cabin attendant's seat is installed against the electrical power center bulkhead in the forward end of the compartment. A single forward-facing cabin attendant's seat is installed on the inboard side of galley unit No. 4. A double forward-facing cabin attendant's seat is installed on the aft passenger entrance door. (Figure 2 or Figure 3 or Figure 4)

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WJE 886, 887

- (4) Passenger and Crew Accommodations - The passenger and crew accommodations include seats, overhead stowage compartments, galleys, lavatories, and a single forward coatroom. One aft and two forward coatrooms, a class divider partition with floor-level stowage compartments and a cross-aisle privacy curtain just forward of the aft lavatories is installed in passenger compartment. All aircraft have a double aft-facing cabin attendant's seat installed against the electrical power center bulkhead in the forward end of the compartment, and a double forward-facing cabin attendant's seat installed on the aft passenger entrance door. (Figure 8)

WJE 412, 414

- WJE** (5) Passenger and Crew Accommodations - The passenger and crew accommodations include seats, overhead stowage compartments, galleys, lavatories, a windscreen and coat rooms. A
WJE double aft-facing cabin attendant's seat is installed against the electrical power center
WJE bulkhead in the forward end of the compartment. A single aft facing cabin attendant's seat is
WJE installed on the windscreen at the aft galley service door. A double forward facing cabin
WJE attendant's seat is installed on the aft passenger entrance door.

WJE 401-404, 412, 414

- (6) Passenger and Crew Accommodations - The passenger and crew accommodations include seats, overhead stowage compartments, a class-divider partition with doghouse-type stowage compartments, galleys, lavatories, a windscreen, and coatrooms. Fittings for four bassinets (one each) are provided on the aft left and right sides of the class divider partition, on the aft side of the forward lavatory, and one the aft side of the forward coatroom. A double aft-facing cabin attendant's seat is installed against the electrical power center bulkhead in the forward end of the compartment. A single aft facing cabin attendant's seat is installed on the windscreen at the aft galley service door. A single aft-facing cabin attendant's seat is installed on the aft side of galley unit No. 3. A double forward-facing cabin attendant's seat is installed on the aft passenger entrance door.

WJE 405, 406, 409, 884

- (7) Passenger and Crew Accommodations - The passenger and crew accommodations include seats, overhead stowage compartments, class-divider partition with lower stowage compartments, galleys, lavatories, an aft left coatroom, and doghouse-type stowage compartments, if installed, attached to the forward side of the aft G3 galley and coatroom units. A double aft-facing cabin attendant's seat is installed against the electrical power center bulkhead in the forward end of the compartment. A single forward-facing cabin attendant's seat is installed on the inboard side of galley unit No. 4. A double forward-facing cabin attendant's seat is installed on the aft passenger entrance door. (Figure 2 or Figure 3 or Figure 4)

WJE 410

- (8) Passenger and Crew Accommodations - The passenger and crew accommodations include seats, overhead stowage compartments, galleys, and lavatories. A double aft-facing cabin attendant's seat is installed against the electrical power center bulkhead in the forward end of the compartment. A single forward-facing attendant's seat is installed on the inboard side of galley unit No. 4. A double forward-facing cabin attendant's seat is installed on the aft passenger entrance door. (Figure 1)

EFFECTIVITY
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WJE 407, 408, 411

- (9) Passenger and Crew Accommodations - The passenger and crew accommodations include seats, overhead and doghouse-type stowage compartments, galleys, lavatories, an aft coatroom (on aircraft 101-103), and a forward coatroom and stowage unit (on aircraft 105-109, 129-130). All aircraft have a double aft-facing cabin attendant's seat installed against the electrical power center bulkhead in the forward end of the compartment. On aircraft 104, 126-128, a single forward-facing attendant's seat is installed on the inboard side of galley unit No. 4. On aircraft 105-109, 129-130, a single aft-facing cabin attendant's seat is installed on a windscreen partition adjacent to the aft galley service door. Aircraft 151-153 do not have an aft galley service door and do not require an attendant's seat at that station. All aircraft have a double forward-facing cabin attendant's seat installed on the aft passenger entrance door. (Figure 7)

WJE 880

- (10) Passenger and Crew Accommodations - The passenger and crew accommodations include seats, overhead and doghouse-type stowage compartments, galleys, lavatories, and a coatroom. All aircraft have a double aft-facing cabin attendant's seat installed against the electrical power center bulkhead in the forward end of the compartment. A single attendant's seat is installed on the inboard side of galley unit No. 4. All aircraft have a double forward-facing cabin attendant's seat installed on the aft passenger entrance door. (Figure 6)

WJE 415-427, 429

- (11) Passenger and Crew Accommodations
- (a) On aircraft 101-150, 175-200, the passenger and crew accommodations include seats, overhead stowage compartments, forward and aft coatroom/stowage compartments, aft doghouse-type stowage compartments, a cabin divider curtain (partition) for "Euroclass", business class, and economy seat sections, and galleys and lavatories. Fittings for two bassinets (one each) are provided on the aft sides of the forward coatroom/stowage compartment and lavatory.
 - (b) On aircraft 151-174, the passenger accommodations include seats, overhead stowage compartments, forward and aft coatroom/stowage compartments, a forward upright stowage compartment, an aft doghouse-type stowage compartment, and galleys and lavatories. Fittings for two bassinets are provided on the aft sides of the forward coatroom/ stowage compartment and lavatory.
 - (c) On aircraft 201-999, the passenger accommodations include seats, overhead stowage compartments, forward and aft coatroom/stowage compartments, cabin divider curtain for business and economy seat sections, and galleys and lavatories. The aircraft is not provided with an aft galley service door.
 - (d) All aircraft have a double aft-facing cabin attendant's seat installed against the electrical power center bulkhead in the forward end of the compartment. A double, forward-facing cabin attendant's seat is installed on the aft passenger entrance door. In addition, a single forward-facing cabin attendant's seat is installed on the inboard side of the G5 galley unit at the aft galley service door (not applicable to aircraft 201-999). (Figure 9 or Figure 10)

WJE 861-866, 868, 869, 871, 872, 891

- (12) Passenger and Crew Accommodations
- (a) The passenger accommodations include seats, overhead stowage compartments, forward and aft coatroom/stowage compartments, cabin divider curtain for business and economy seat sections, and galleys and lavatories. The aircraft is not provided with an aft galley service door.

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WJE 861-866, 868, 869, 871, 872, 891 (Continued)

- (b) All aircraft have a double aft-facing cabin attendant's seat installed against the electrical power center bulkhead in the forward end of the compartment. A double, forward-facing cabin attendant's seat is installed on the aft passenger entrance door. In addition, a single forward-facing cabin attendant's seat is installed on the inboard side of the G5 galley unit at the aft galley service door. (Figure 9 or Figure 10)

WJE 875-879

- (13) Passenger and Crew Accommodations
 - (a) The passenger and crew accommodations include seats, overhead stowage compartments, windscreens for the forward passenger and galley service doors, galleys, and lavatories. A double, aft-facing cabin attendant's seat is installed against the electrical power center bulkhead in the forward end of the compartment. A double, forward-facing cabin attendant's seat is installed on the aft passenger entrance door. In addition, two single aft-facing cabin attendant seats (with an electrical control panel) are provided on the windscreen forward of the aft galley service door. (Figure 5)

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

- (14) Passenger Utilities - The passenger utilities are installed in the lower surface of the overhead stowage compartments and are adjustable fore-and-aft to provide for variations in seat spacing.

WJE 875-879

- (15) Passenger Utilities - The passenger utilities are installed in the lower surface of the overhead stowage compartments and are adjustable fore-and-aft to provide for variations in seat spacing.

WJE ALL

- (16) Lining and Insulation - The ceiling and sidewalls of the passenger compartment are covered with a flame-resistant metallic lining, easily washable, and readily removable for structural inspection. Except for linings installed in extreme forward and aft areas, and in the emergency exit areas of the compartment, all linings are removable in 38-inch sections. The soundproofing insulation used in the compartment consists of flame-resistant, low-density, fiberglass material, readily removable for structural repair.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (17) Floor Panels - The passenger floor area is covered with nonmetallic-sandwich panels except for the forward lavatory area and galley areas, where glass-fiber laminate panels are used; the area outboard of the seat tracks, where aluminum-alloy panels are used; the area between left and right seat tracks (on both sides of the aircraft centerline) where metallic sandwich panels are used; and at each aft lavatory, where a molded glass-fiber laminate pan is installed directly over the aluminum floor beams. (For details on flooring, refer to FUSELAGE, CHAPTER 53)

WJE 412, 414

- (18) Floor Panels - The passenger floor area is covered with nonmetallic-sandwich panels except for the galley areas, where glass-fiber laminate panels are used; the area out-board of the seat tracks, where aluminum-alloy panels are used; the area between the left and right seat tracks (on both sides of the aircraft centerline) where metallic sandwich panels are used; and at each aft lavatory, where a molded glass-fiber laminate pan is installed directly over the aluminum floor beams. (For details on flooring, refer to FUSELAGE, CHAPTER 53)

WJE ALL

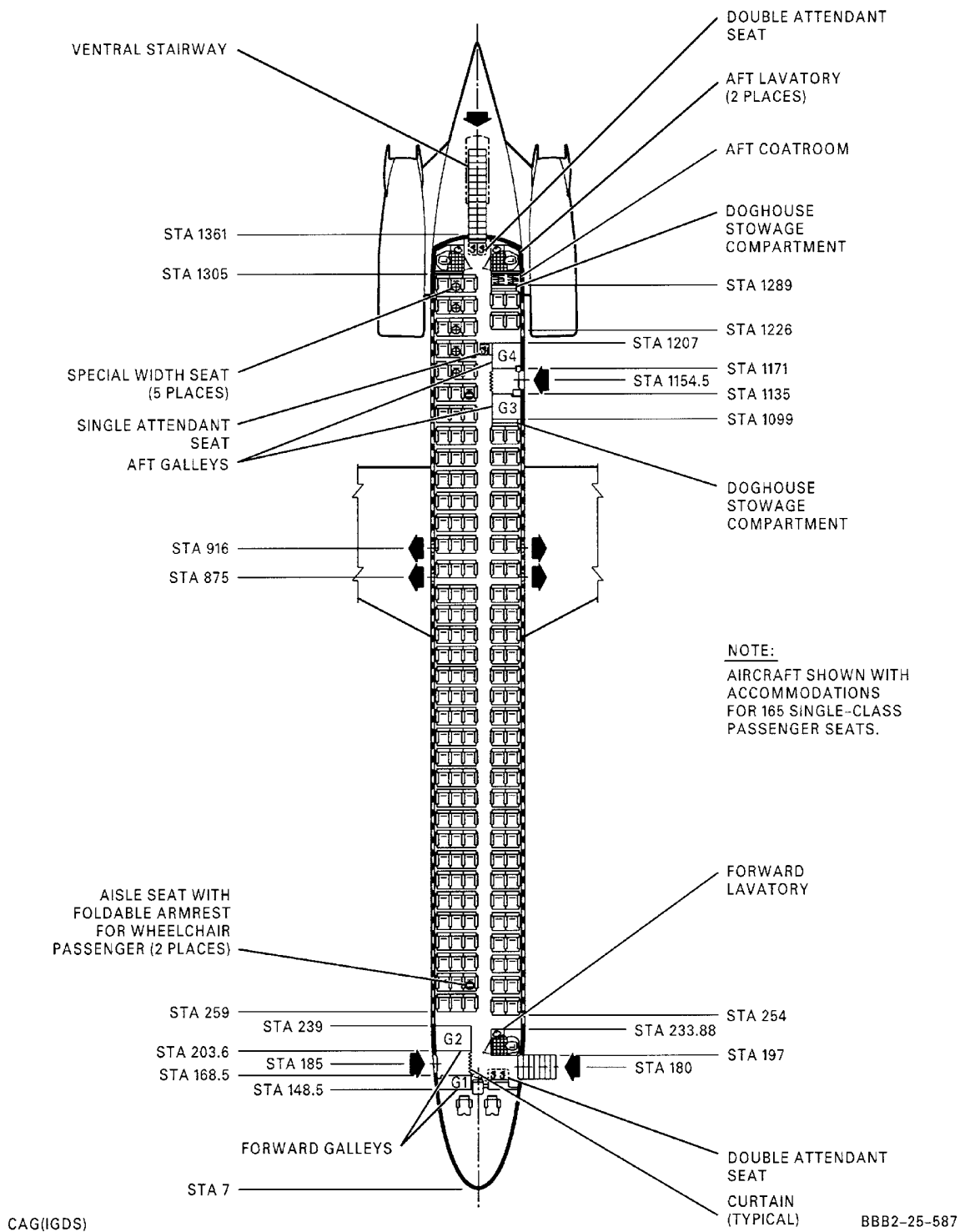
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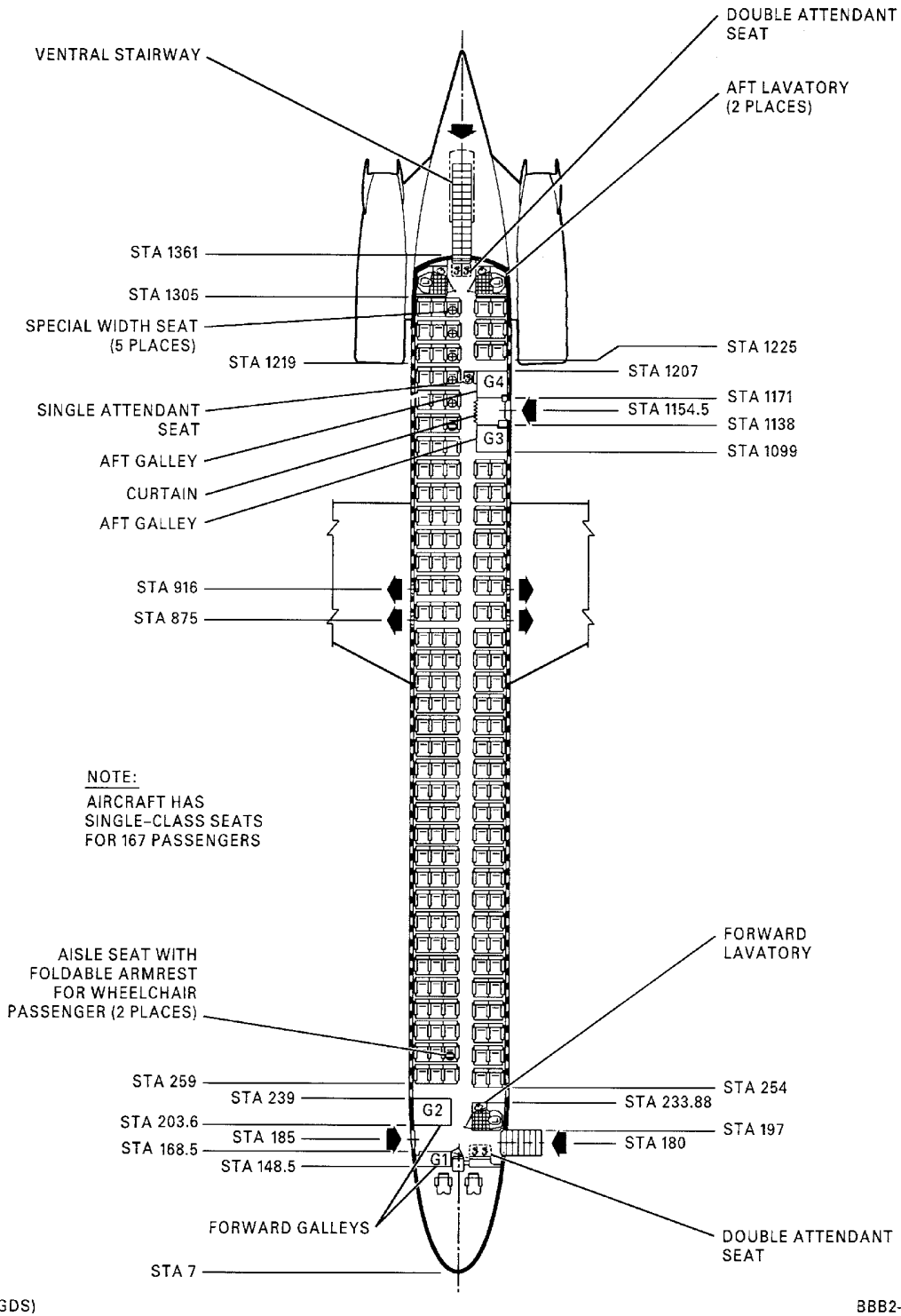


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WJE 410

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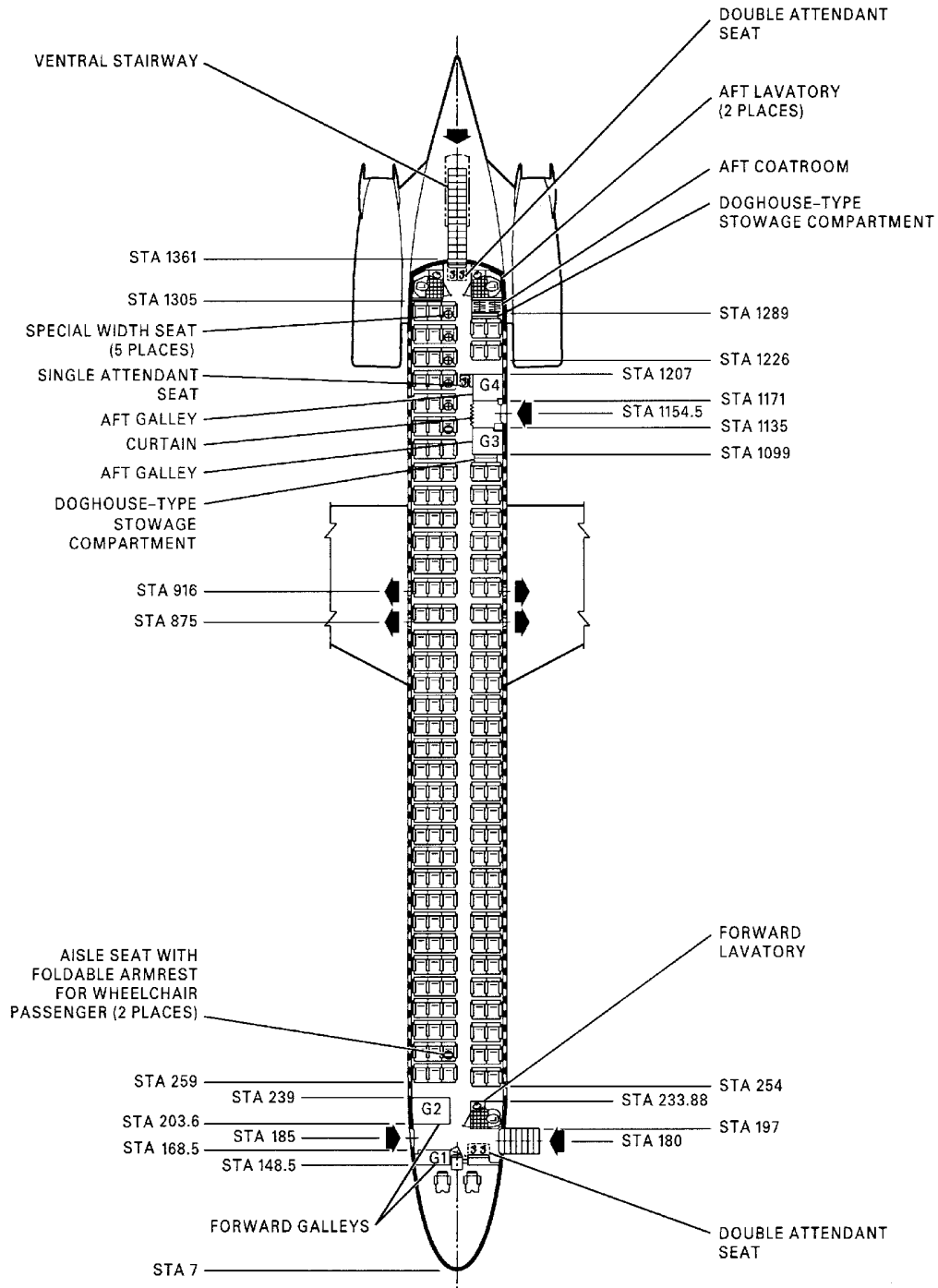
**Interior Arrangement
Figure 2/25-20-00-990-813**

EFFECTIVITY
WJE 409, 881, 883, 884

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CAG (IGDS)

BBB2-25-558B

Interior Arrangement
Figure 3/25-20-00-990-814

EFFECTIVITY
WJE 405, 409, 884

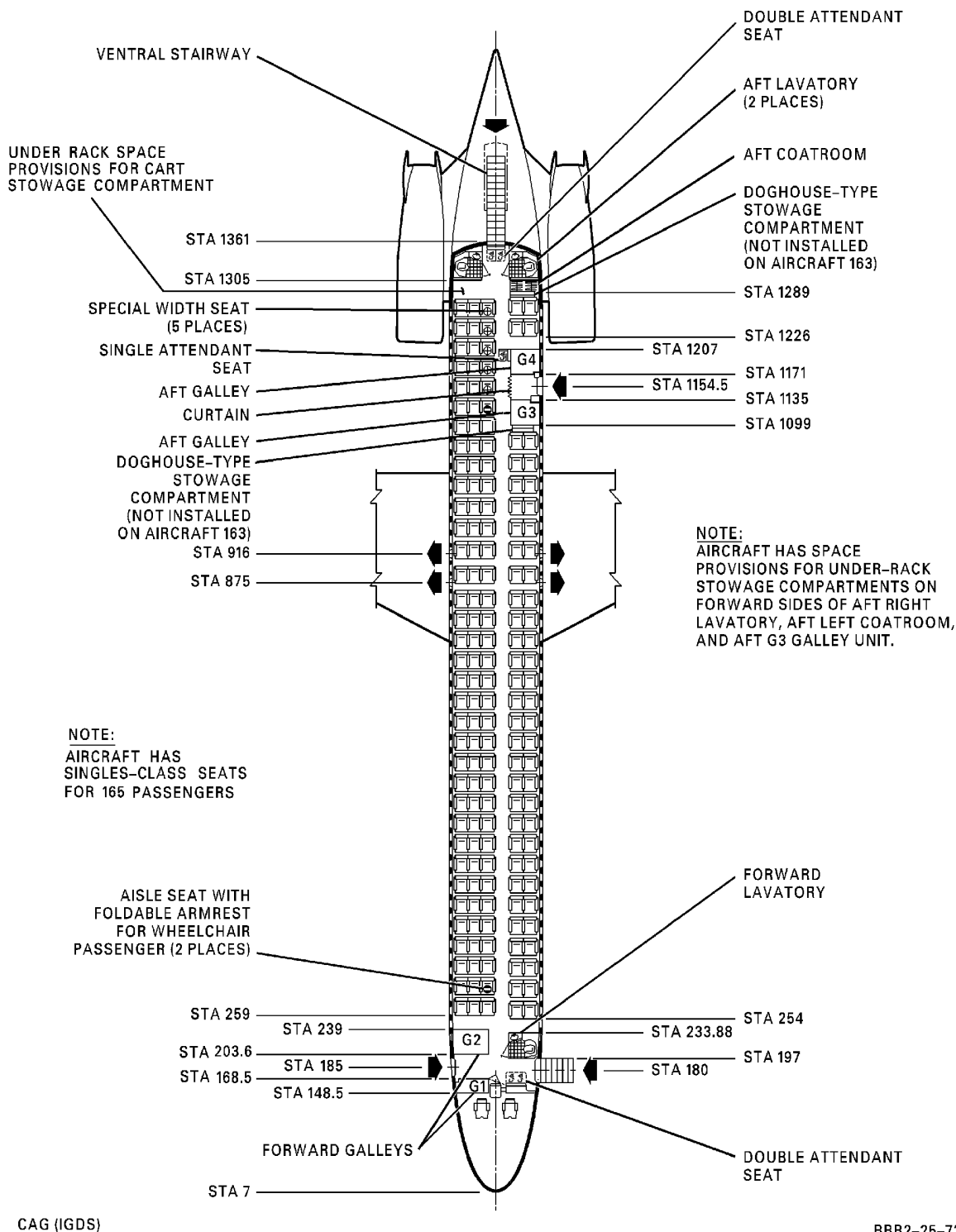
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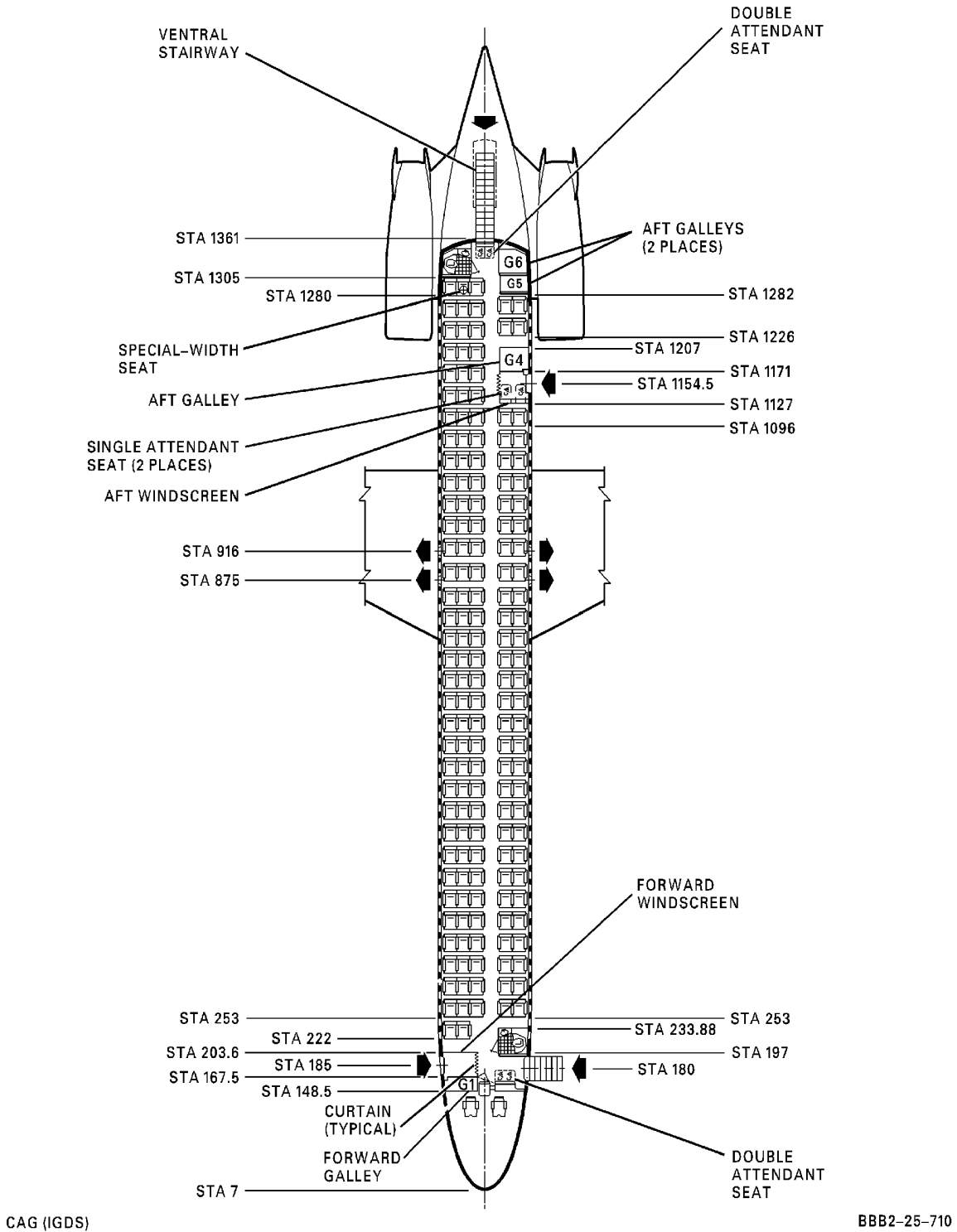
**Interior Arrangement
Figure 4/25-20-00-990-815**

EFFECTIVITY
WJE 406

25-20-00

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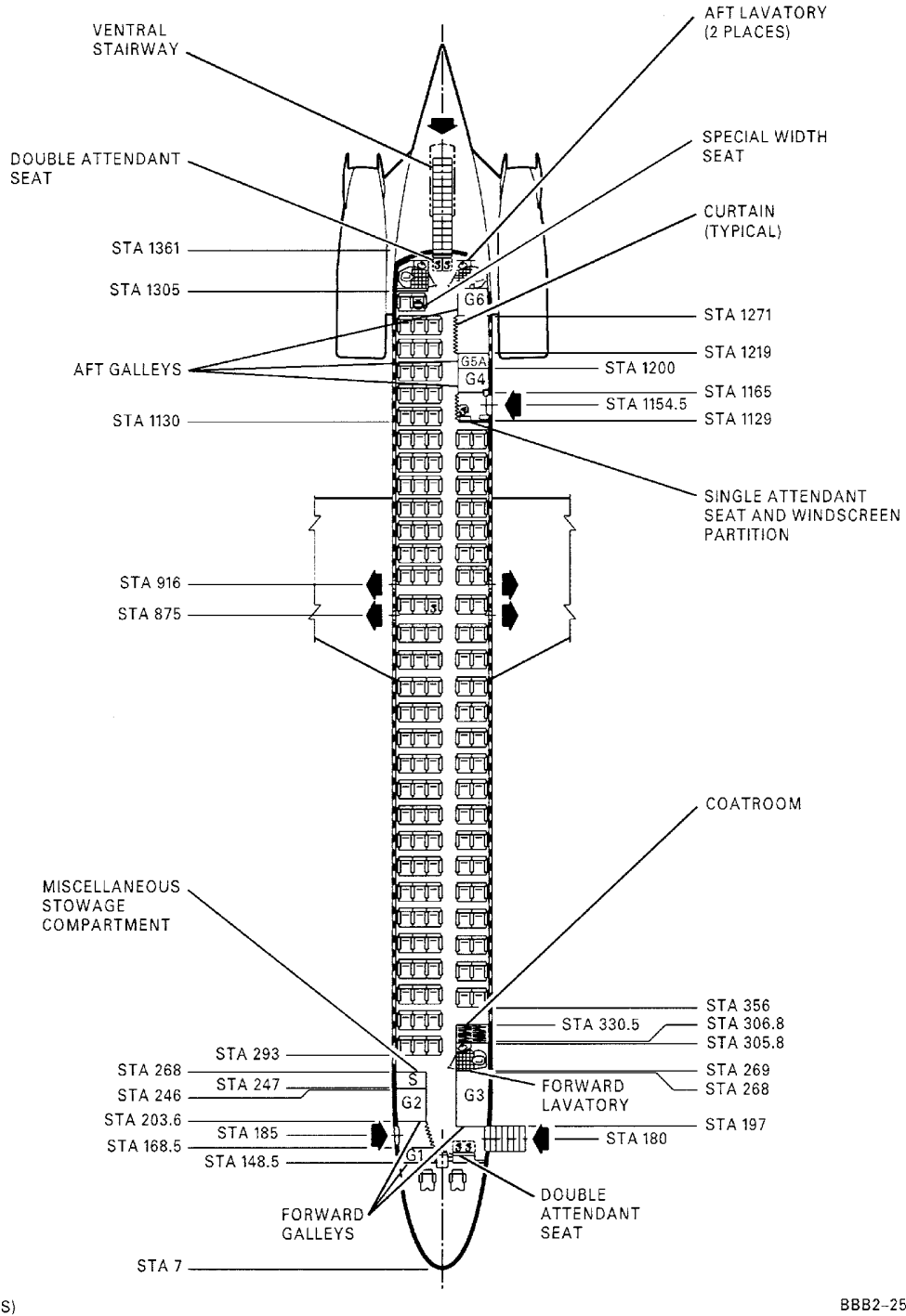
Interior Arrangement
Figure 5/25-20-00-990-825

EFFECTIVITY
WJE 875-879

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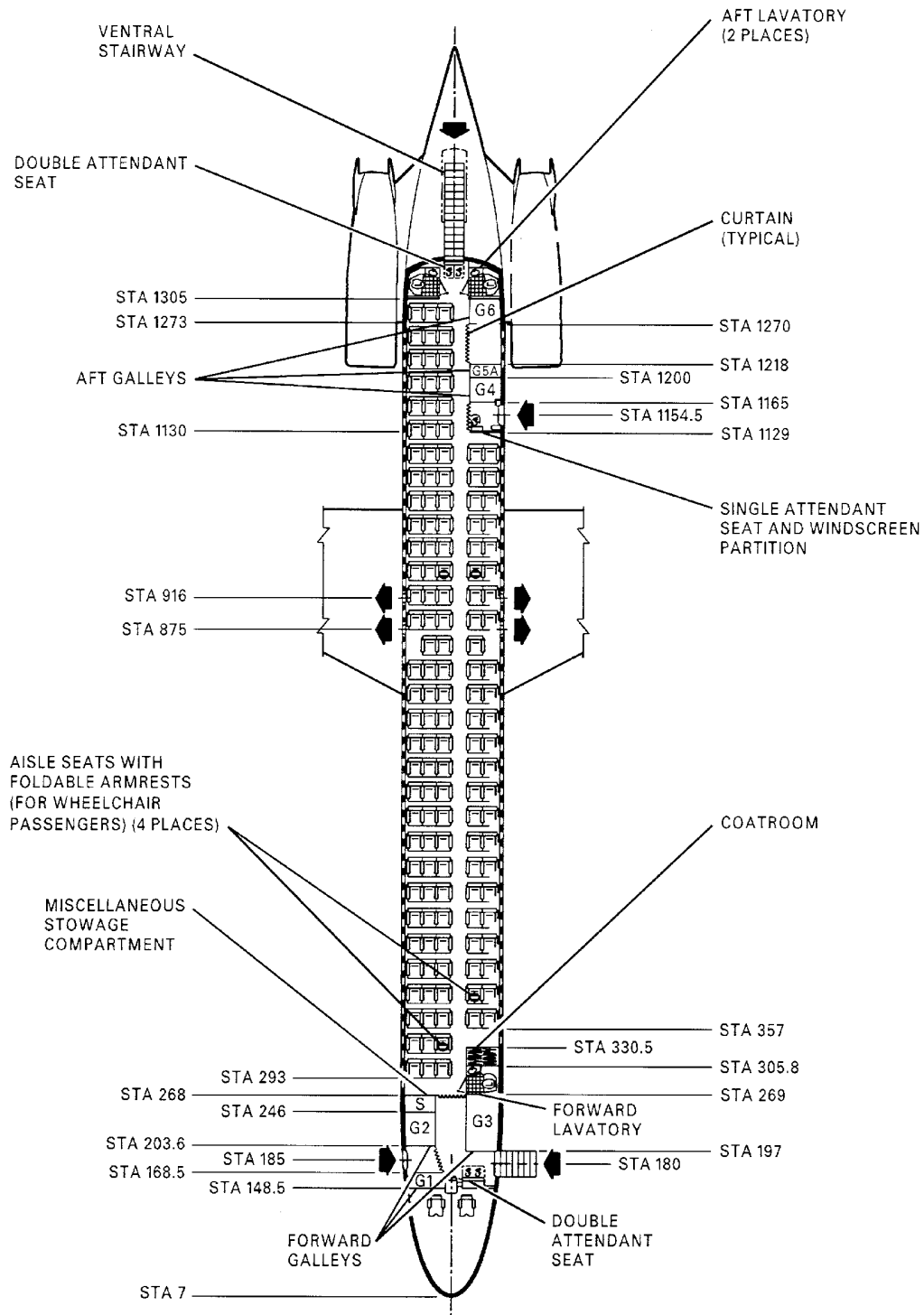
**Interior Arrangement
Figure 6/25-20-00-990-868**

EFFECTIVITY
WJE 405, 409, 410, 880, 884

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CAG(IGDS)

BBB2-25-609

**Interior Arrangement
Figure 7/25-20-00-990-869**

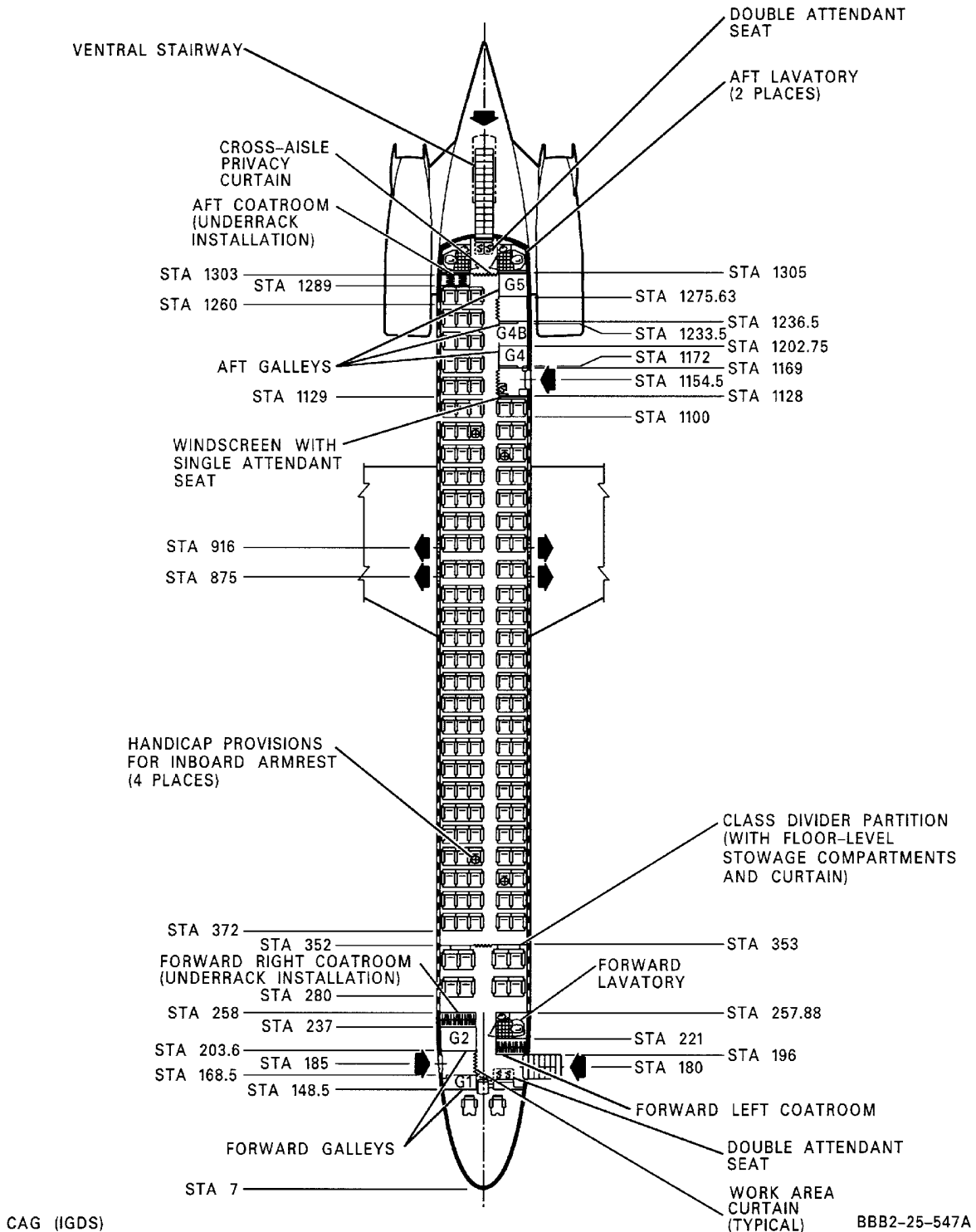
EFFECTIVITY
WJE 406-408, 411

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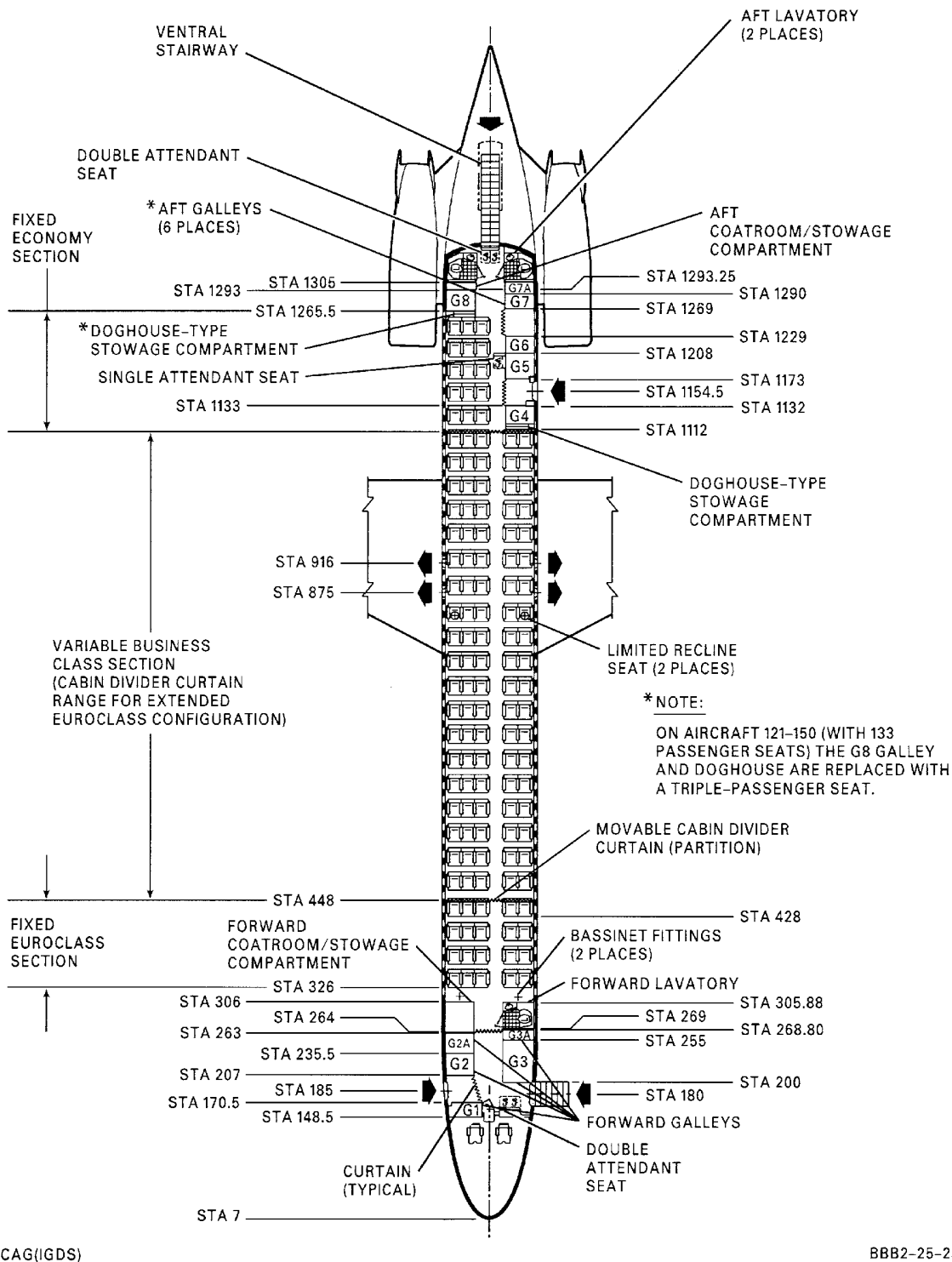
**Interior Arrangement
Figure 8/25-20-00-990-888**

EFFECTIVITY
WJE 886, 887

25-20-00

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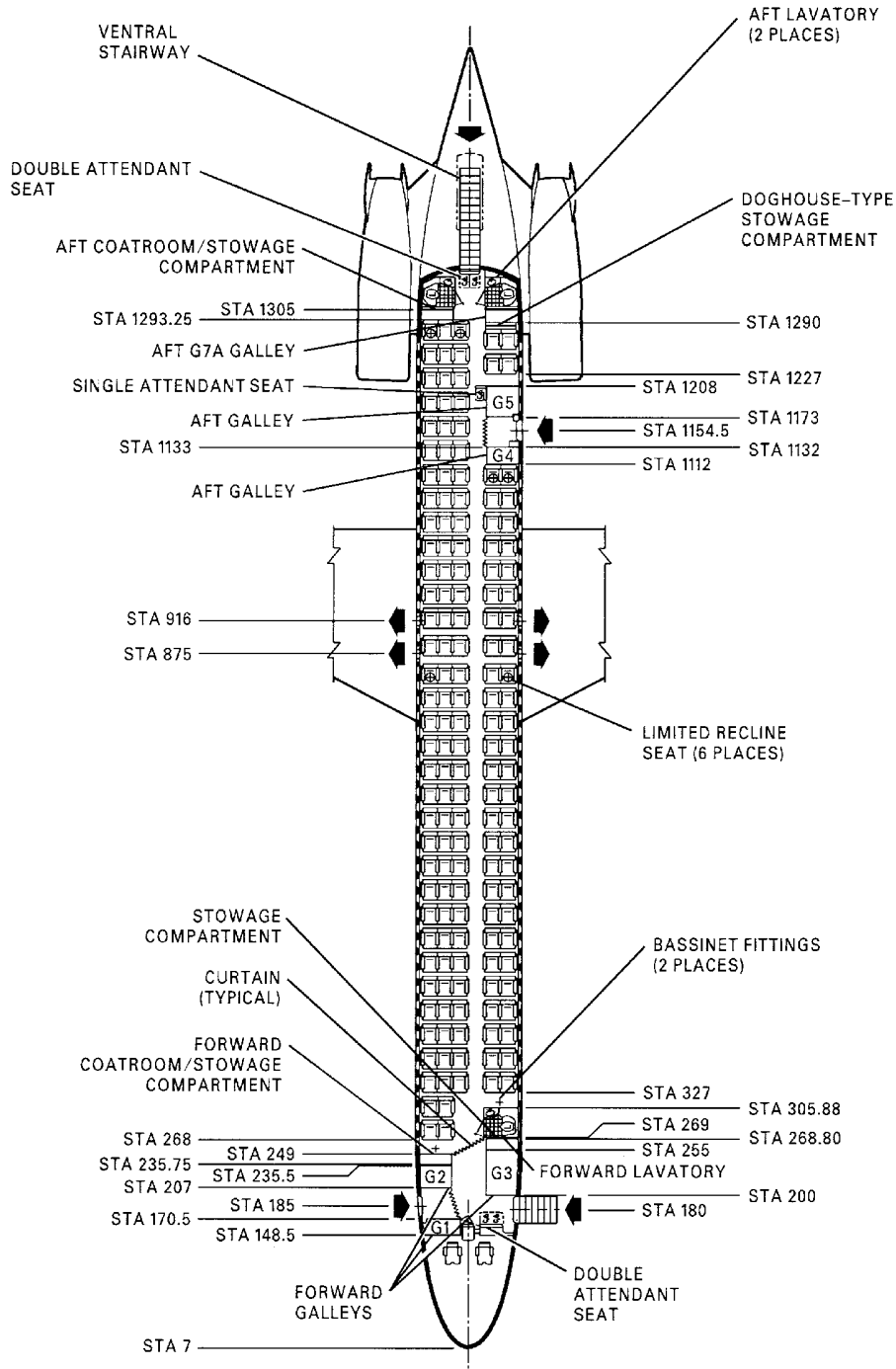
**Interior Arrangement
Figure 9/25-20-00-990-889**

EFFECTIVITY
WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868

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CAG(I/GDS)

BBB2-25-284A

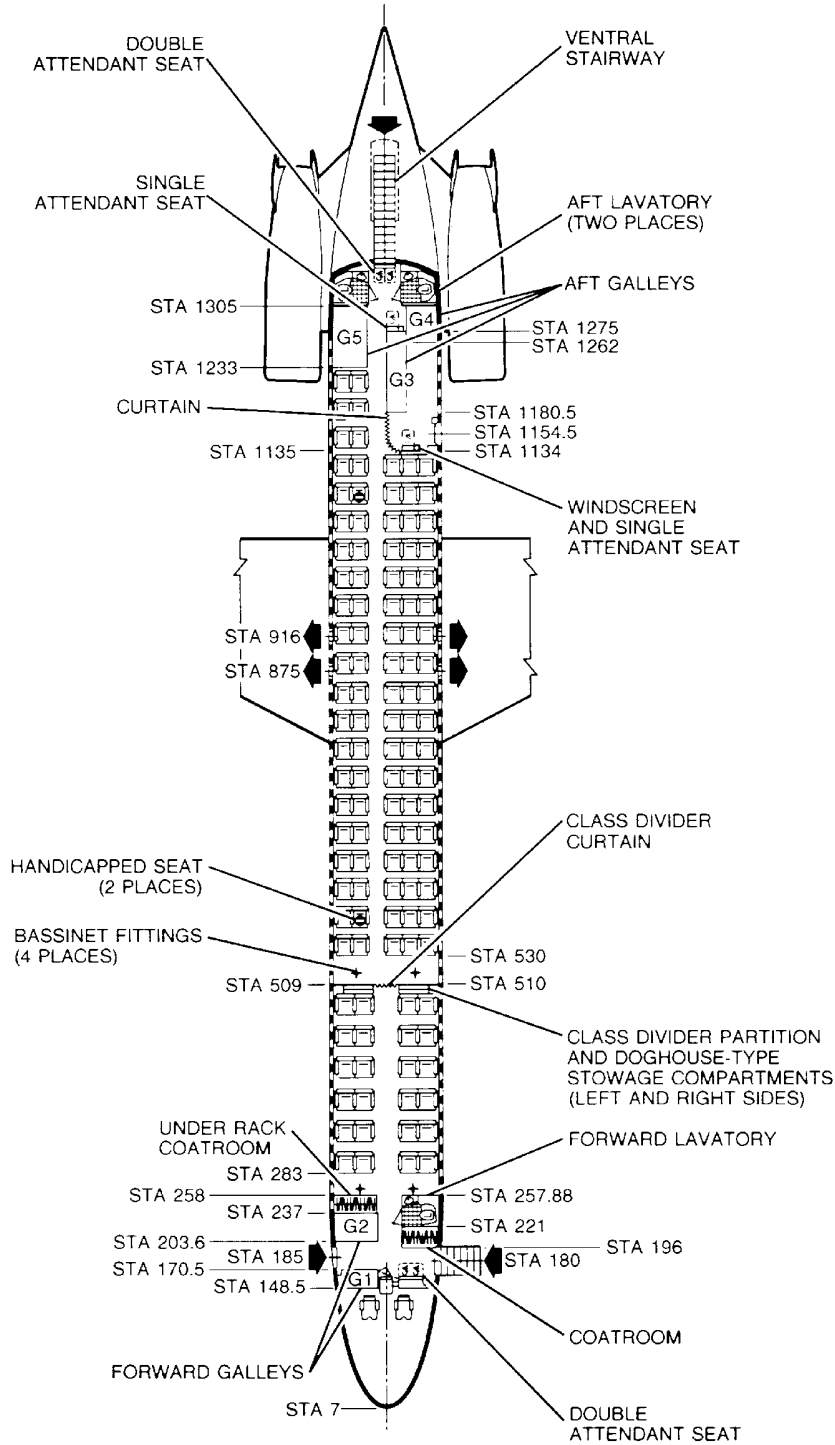
**Interior Arrangement
Figure 10/25-20-00-990-890**

EFFECTIVITY
WJE 416, 418, 420, 424, 426, 429, 869, 871, 872, 891

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CAG(IGDS)

BBB2-25-536

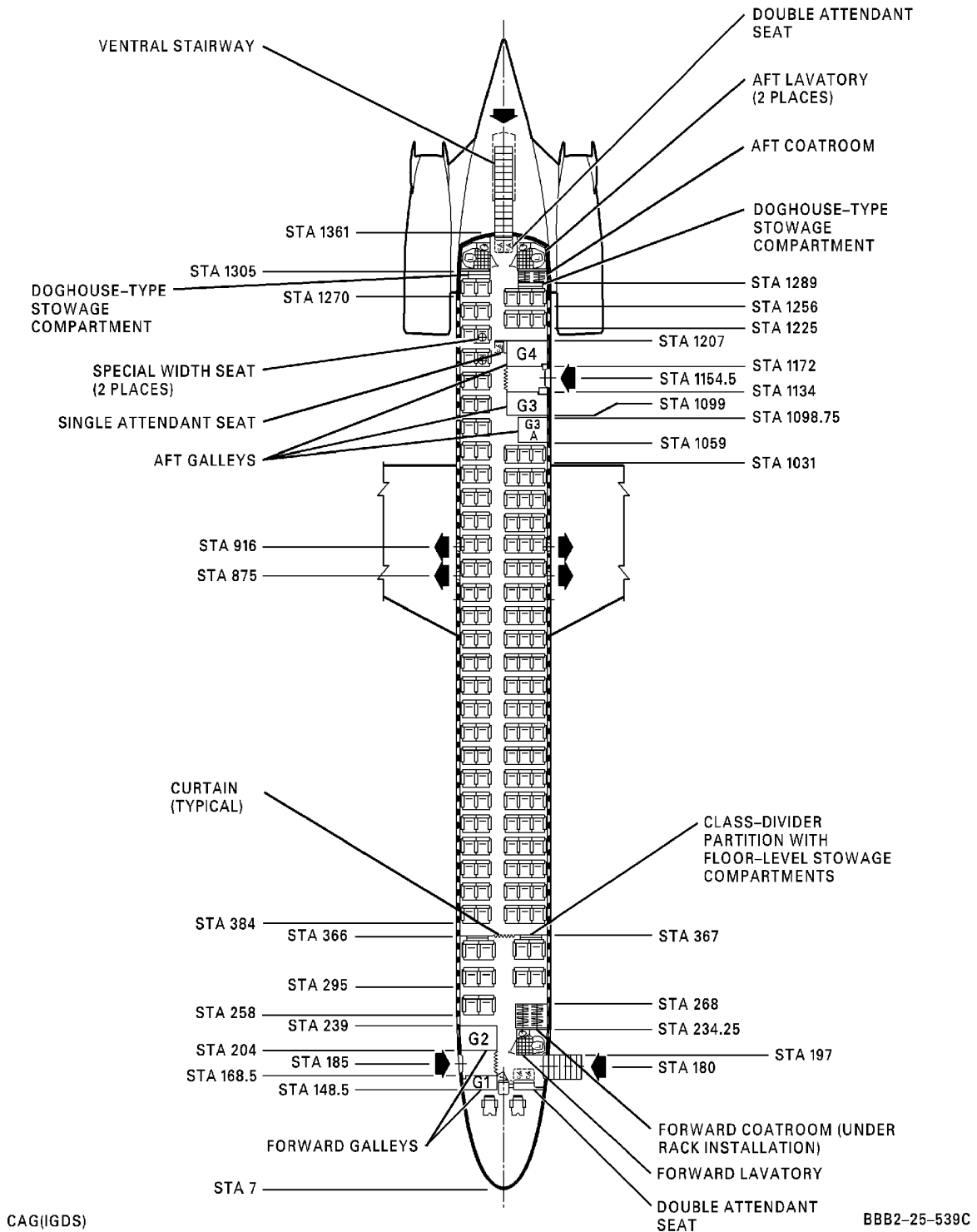
**Interior Arrangement
Figure 11/25-20-00-990-901**

EFFECTIVITY
WJE 401-404

25-20-00

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**Interior Arrangement
Figure 12/25-20-00-990-926**

CAG(IGDS)

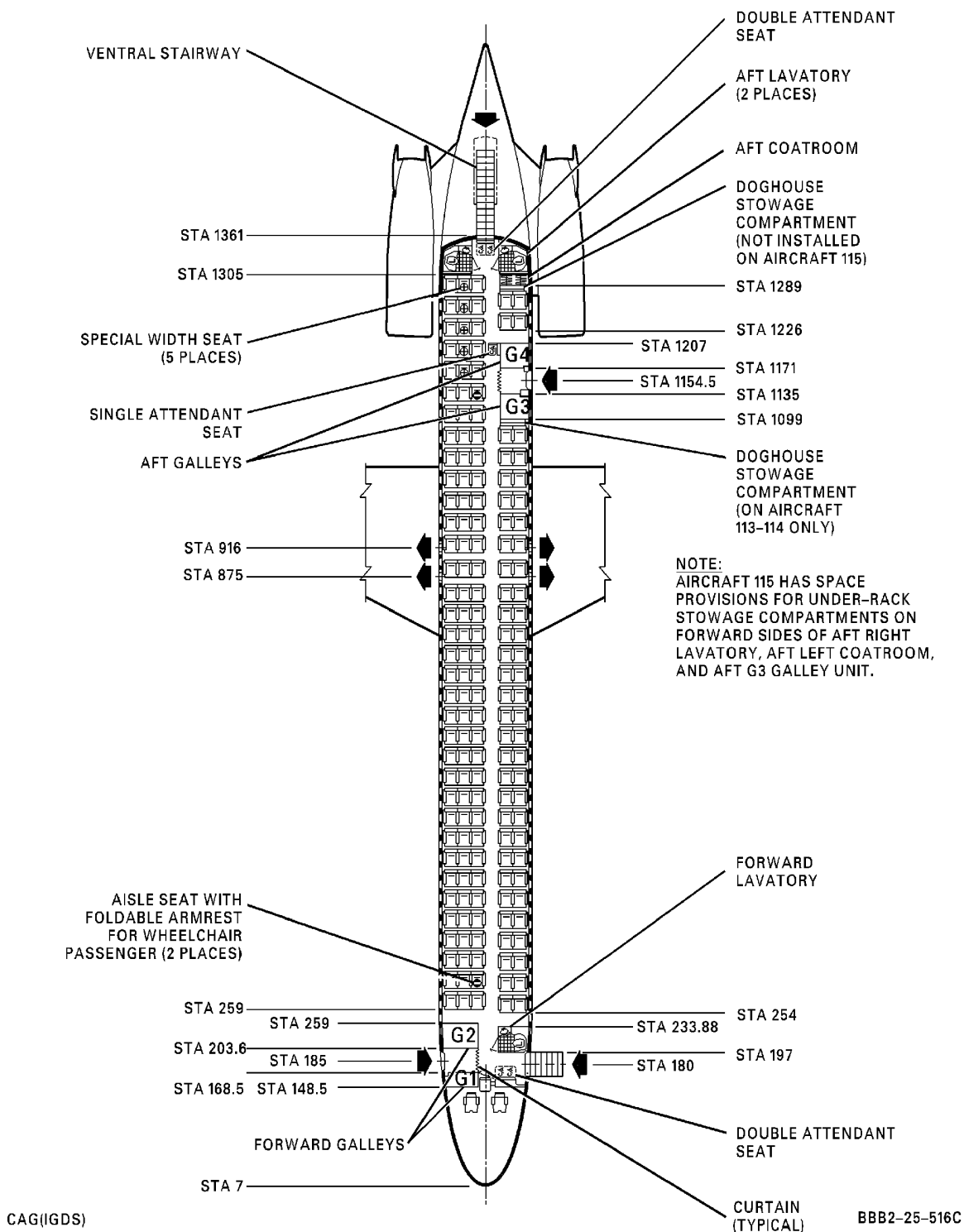
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EFFECTIVITY
WJE 873, 874

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Interior Arrangement
Figure 13/25-20-00-990-927

EFFECTIVITY
WJE 892, 893

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PASSENGER COMPARTMENT LINING - DESCRIPTION AND OPERATION

1. General

- A. Lining in the passenger compartment consists of panels that cover the area from the floor level to the bottom surface of the overhead stowage compartments. The lining panels include air-conditioning duct openings, and window trim and lower side sections.

2. Passenger Compartment Lining

A. Description

- (1) Panel Linings - All panels that form the interior lining of the passenger compartment are attached with fasteners that are quickly removable for repair or for structural inspection.

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PASSENGER COMPARTMENT LINING - MAINTENANCE PRACTICES

1. General

- A. The maintenance instructions in this section provide for the removal and installation of the single-piece metallic lining (panel) that forms the finished interior of the passenger compartment. The panel, consisting of an upper window trim section and a lower side section, is secured to inserts in the compartment sidewall structure with screws and clip-type fasteners. Side trim strips are removed from the panel for access to the panel fasteners. (Figure 201 or Figure 202 or Figure 203)

2. Removal/Installation Passenger Compartment Lining

A. Remove Lining

- (1) Disconnect captive screws and remove lower sidewall light panel (above lining being removed) for access to fasteners on upper edge of sidewall panel.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

CAUTION: DAMAGE TO TRIM STRIPS WILL RESULT WITH IMPROPER REMOVAL.

- (2) Remove vertical trim strips by sliding strips up or down as required from panel sides.

WJE ALL

- (3) Remove screws from inserts at upper edge of panel.
(4) Remove screws from inserts at lower side of panel.
(5) Disengage and remove panel from sidewall.

B. Install Lining

- (1) Position upper edge of panel against inserts outboard of lower sidewall light panel.
(2) Position lower side of panel against lower sidewall structure.
(3) Align panel and secure clip-type fasteners to inserts on upper and lower sides of panel with screws.
(4) Install vertical trim strips at sides of panel.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (5) Install lower sidewall light panel (above applicable lining) and secure sidewall panel with captive screws.

WJE ALL

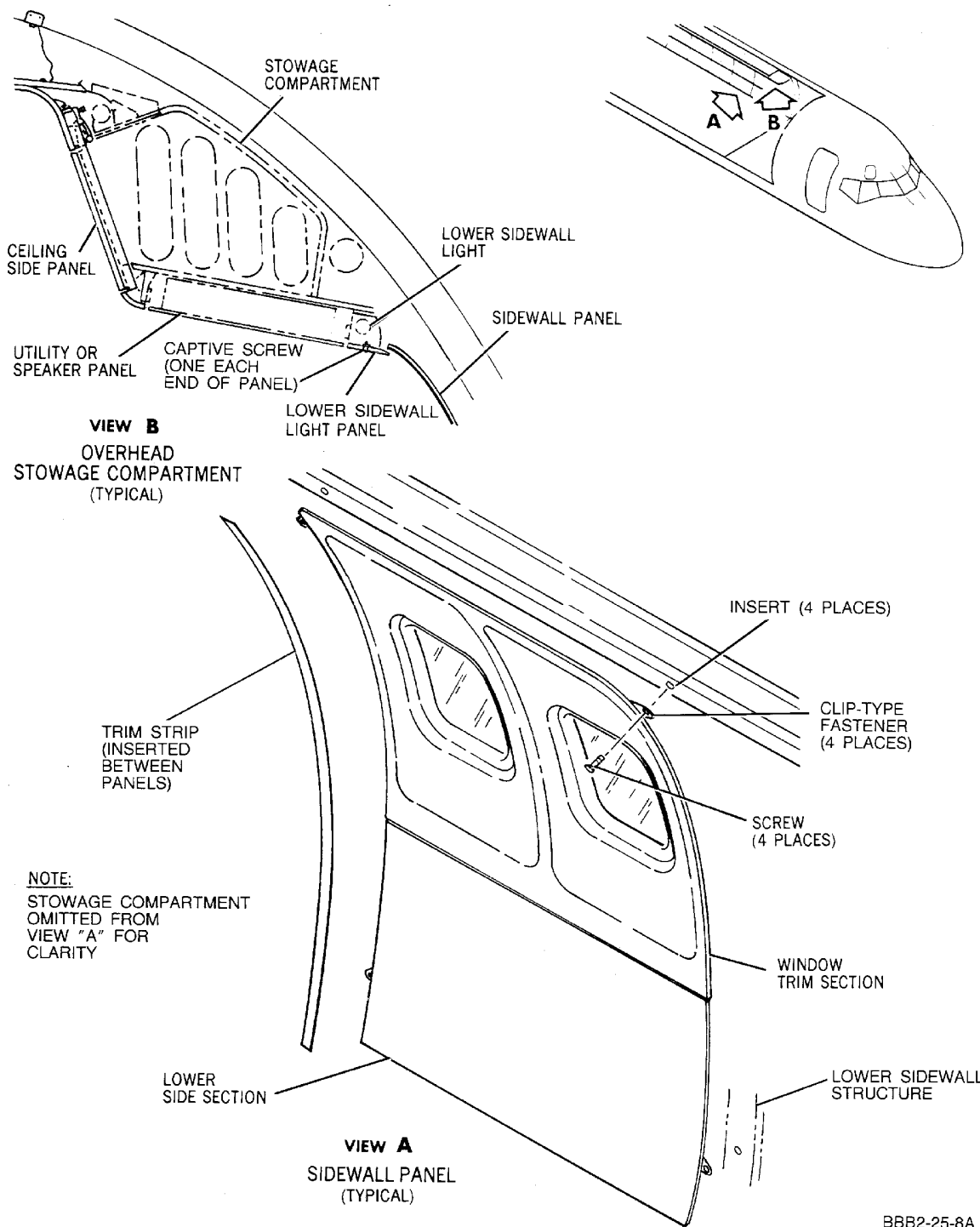
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WJE ALL

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**Passenger Compartment Lining -- Basic Configuration
Figure 201/25-21-00-990-801**

EFFECTIVITY

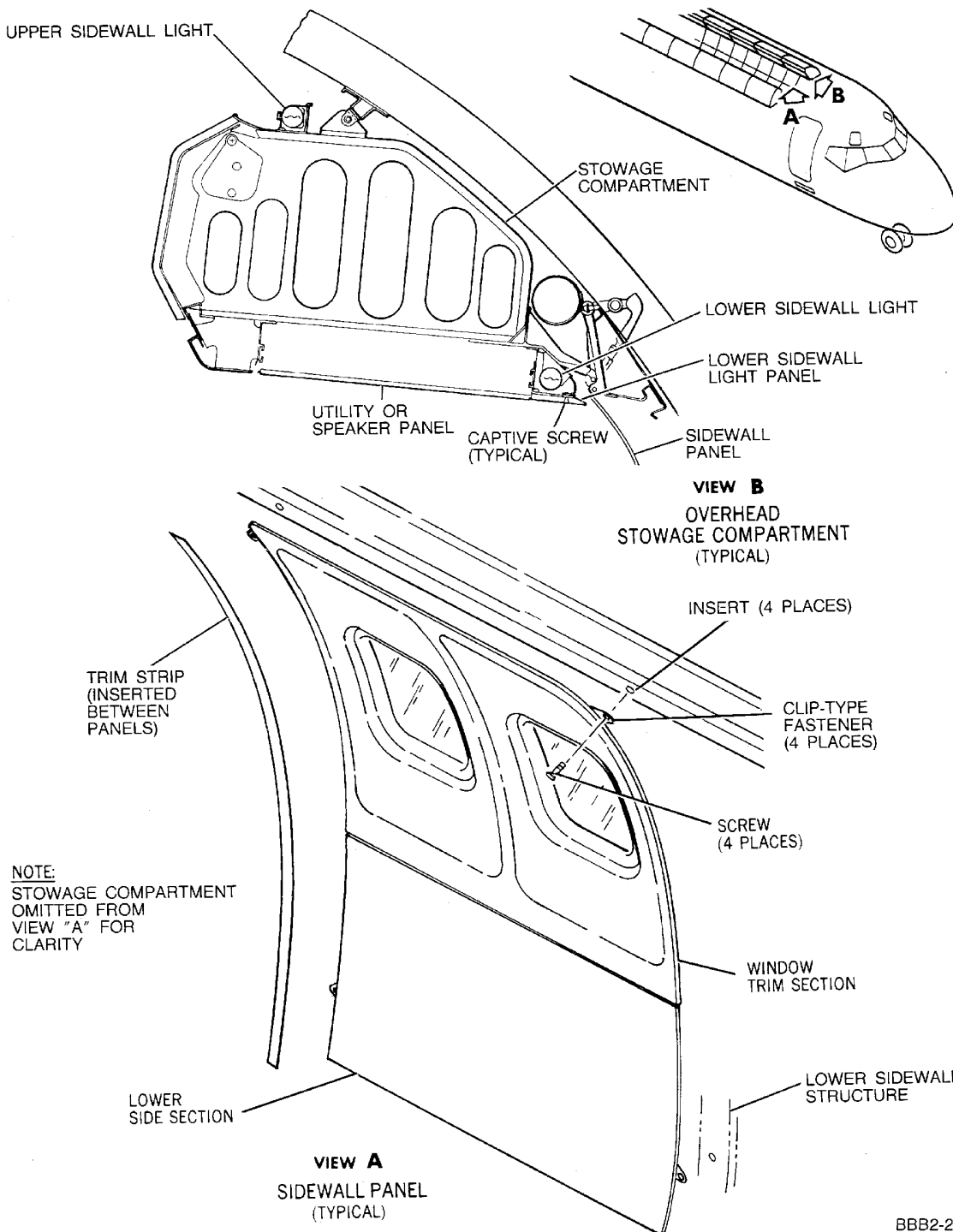
WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 886, 887, 891-893

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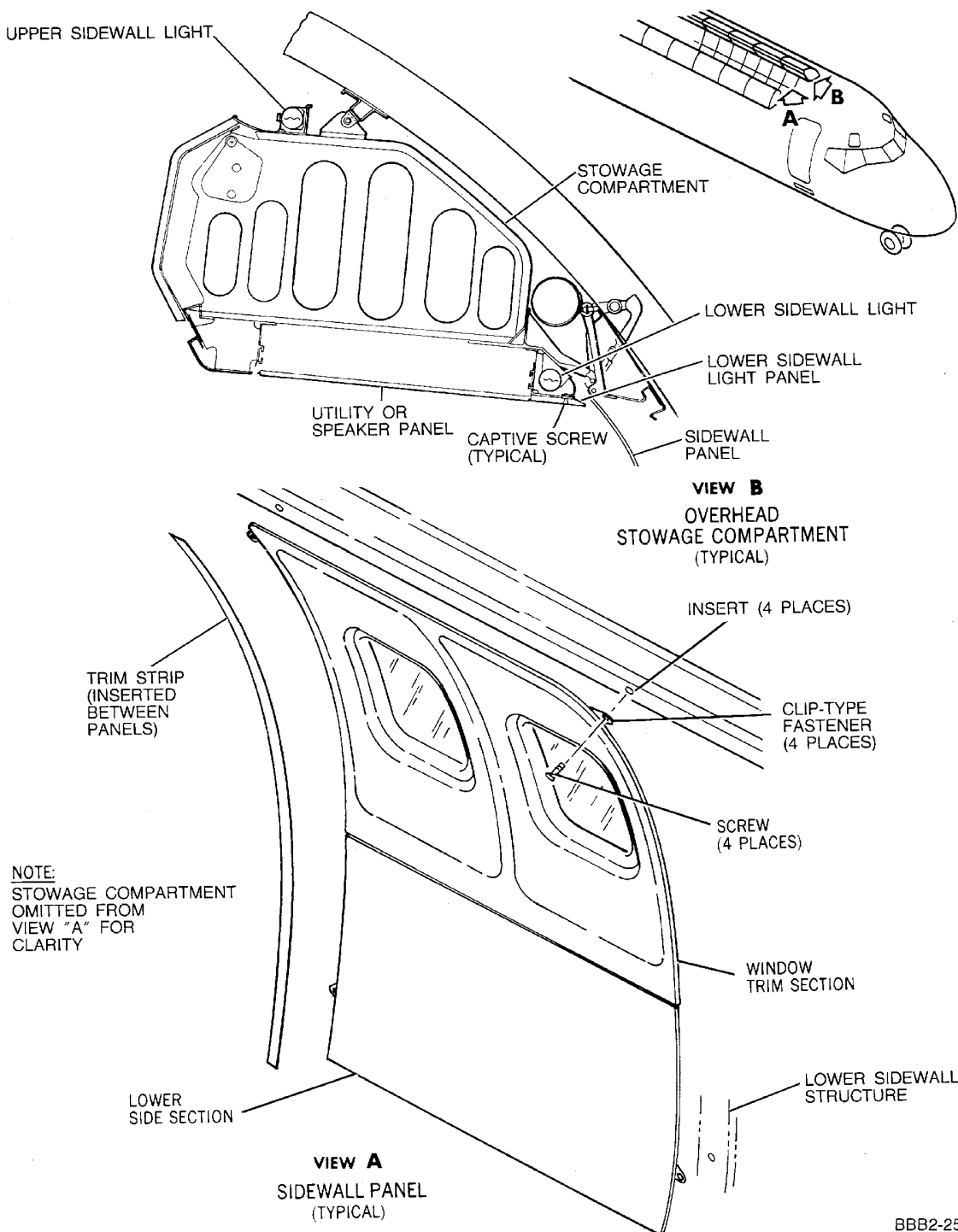
**Passenger Compartment Lining -- Spacial Concept Configuration
Figure 202/25-21-00-990-802**

EFFECTIVITY
WJE ALL

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**Passenger Compartment Lining
Figure 203/25-21-00-990-803**

EFFECTIVITY
WJE ALL

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WINDOW SHADE - DESCRIPTION AND OPERATION

1. Description

- A. A window shade is attached to the outboard side of each window trim section on the lining panel and is integral with the panel when assembled. Procedures are provided for removal/installation of the shade from the window trim section, after the lining panel has been removed.

2. Window Shades

A. Description

- (1) Handle and Stiffener - The vertically moving shade of self-coiling material is attached to a handle and stiffener. The stiffener, on the bottom edge of the shade, engages a track on each side of the window frame and is held in the desired position by velcro tape inside the tracks. The velcro tape exerts pressure against the outer ends of the stiffener and prevents light leakage at the sides of the shade.
- (2) Window Frame - The window frame is made of moulded plastic and is bolted to the window trim section of the lining panel and the inner pane. Shades and panels are made of washable material, and they can be hand cleaned without being removed from the aircraft. (CABIN - MAINTENANCE PRACTICES, PAGEBLOCK 56-20-00/201)

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WJE ALL

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MD-80 AIRCRAFT MAINTENANCE MANUAL

WINDOW SHADES - MAINTENANCE PRACTICES

1. General

- A. Window shades are an integral part of the window trim sections on lining panels. Removal/ installation procedures for window shades presented in this section are identical for single, double, or overwing exit panels incorporating window trim sections. (Figure 201)

2. Removal/Installation Window Shades

A. Remove Window Shade

- (1) Remove lining panel from sidewall of passenger compartment. (PAGEBLOCK 25-21-00/201)
- (2) Move shade to full up position on panel window.
- (3) Remove attach screws from shade retainer brackets.
- (4) Remove shade retainer brackets from window frame.
- (5) Depress shade stiffener and handle to clear slide tracks and window frame; then, remove shade.

B. Install Window Shade

- (1) Check that slide tracks and attached velcro tape are clean.
- (2) Feed shade into slide tracks until shade stiffener and handle are positioned below upper edge of window frame. (Figure 201)
NOTE: Shade stiffener and handle must be depressed to clear upper edge of window frame.
- (3) Install shade retainer brackets on window frame and secure brackets with attach screws.
- (4) Move shade through full range of travel several times and check for proper operation.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (5) Install lining panel on sidewall of passenger compartment. (PAGEBLOCK 25-21-00/201)

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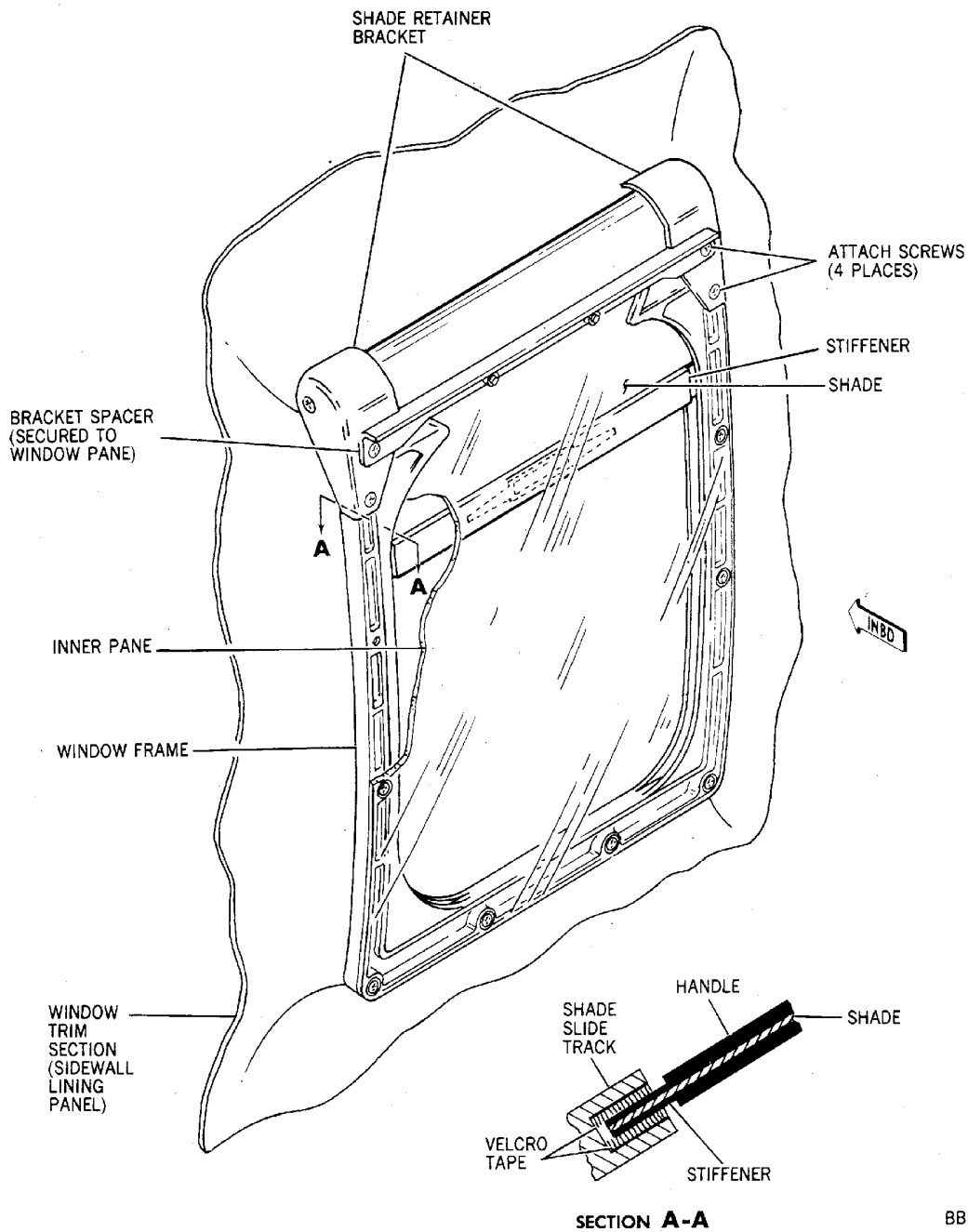
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Window Shade Installation
Figure 201/25-21-01-990-803

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MD-80 AIRCRAFT MAINTENANCE MANUAL

PASSENGER COMPARTMENT INSULATION - DESCRIPTION AND OPERATION

1. General

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- A. The interior of the passenger compartment is lined with insulation blankets for thermal isolation, acoustic treatment and corrosion protection. The blankets consist of low density fiberglass batting covered with a metallized plastic reenforced film.

WJE ALL

2. Passenger Compartment Insulation

- A. Description

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (1) Insulation Blankets - The insulation blankets are installed between the fuselage skin and interior lining of the compartment. Blankets are attached to the fuselage by spring clips, and all joints are taped together to form a vapor barrier.
- (2) Breathers - The breathers consist of perforations in the insulation blanket to equalize air pressure inside the blanket with the fuselage passenger compartment.

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PASSENGER COMPARTMENT INSULATION - MAINTENANCE PRACTICES

1. General

- A. The maintenance practices in this section provide removal/installation and cleaning instructions for the insulation blankets installed between the fuselage skin and interior lining of the passenger compartment. (Figure 201)
- B. To gain access to insulation blanket sections in the passenger compartment, remove necessary interior lining panels as described in PASSENGER COMPARTMENT LINING - DESCRIPTION AND OPERATION, PAGEBLOCK 25-21-00/001.

2. Equipment and Materials

WARNING: ITEM IDENTIFIED WITH AN ASTERISK (*) IS FLAMMABLE. SUPPLY ADEQUATE VENTILATION AND EXERCISE APPROPRIATE PRECAUTIONARY MEASURES. CONSULT LOCAL AUTHORITY OR REGULATORY AGENCY, FOR FIRE PREVENTION AND PERSONNEL HEALTH AND SAFETY WHEN USING FLAMMABLE MATERIAL.

NOTE: Equivalent substitutes may be used instead of the following listed items.

NOTE: It is possible that some materials in the Equipment and Materials List cannot be used for some or all of their necessary applications. Before you use the materials, make sure the types, quantities, and applications of the materials necessary are legally permitted in your location. All persons must obey all applicable federal, state, local, and provincial laws and regulations when it is necessary to work with these materials.

Table 201

Name and Number	Manufacturer
Tape, adhesive, 770-3 FRD Type 6, Class 2, DMS 1984	E & H Laminating & Slitting 138 Grand St. Patterson, NJ 07501
Adhesive, EC-1099	Minnesota Mining & Mfg. Co.
Clean cotton cloth	
Adhesive H-155	Staybound Corp., Gardena, Calif.
* Denatured alcohol	Commercially available
Blanket material, Insulfab 330, Type 2 DMS 2450	Chase Facile, Inc. 185 Sixth Avenue Paterson, NJ 07509
Sheet, rigid thermoformable plastic (lining) Boltaron 6800 Series	Diversitech Gen Inc. Plastic Film Div., Newcomerstown, Ohio
Mild detergent (Joy) DPM 3673 or Mild detergent (Formula 409) DPM 3673-1 or Aircraft interior cleaner DPM 6146 No. 25010	Proctor & Gamble Co. Cincinnati, Ohio The Clorox Co. Oakland, Calif. AQUANESS Chemical Calla Works Div. of Magna Corp. Stanton, Calif.
Mild cleaner Aliphatic Naphtha Citra-Safe Biogenic SE377C	

3. Removal/Installation Passenger Compartment Insulation

- A. Remove Blanket
 - (1) Remove equipment and lining as necessary to gain access to affected area.
(PAGEBLOCK 25-21-00/201)

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**WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 886, 887, 891-893**

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- (2) Remove tape from blanket joints and remove spring retaining clips.
 - (3) Remove blanket.
- B. Install Blanket
- (1) Ensure area is clean where blanket is to be installed. Use denatured alcohol and cotton cloth to clean surfaces as necessary.
 - (2) Hold blanket in place, with breathers positioned on inboard side, and install spring retaining clips.
 - (3) Tape blanket flaps to adjacent blankets, including gaps or spaces between blankets existing after installation, with adhesive tape (DMS 1984), or equivalent.
 - (4) If required, patch all slits, tears, or holes in individual blankets with adhesive tape (DMS 1984) or adhesive (EC-1099) and strips of blanket covering material (DMS 2450).

4. Cleaning Blankets

A. Clean Blankets

WARNING: LIQUID DETERGENT IS AN AGENT THAT IS AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN LIQUID DETERGENT IS USED.

- DO NOT USE IN AREAS WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
- USE IN AN AREA OPEN TO THE AIR.
- CLOSE THE CONTAINER WHEN NOT USED.
- DO NOT GET LIQUID DETERGENT IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
- DO NOT BREATHE THE GAS.

WARNING: LIQUID OR SPRAY CLEANER IS AN AGENT THAT IS AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN LIQUID OR SPRAY CLEANER IS USED.

- DO NOT USE IN AREAS WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
- USE IN AN AREA OPEN TO THE AIR.
- CLOSE THE CONTAINER WHEN NOT USED.
- DO NOT GET LIQUID OR SPRAY CLEANER IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
- DO NOT BREATHE THE GAS.

WARNING: REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIER'S MSDS FOR:

- MORE PRECAUTIONARY DATA
- APPROVED SAFETY EQUIPMENT
- EMERGENCY MEDICAL AID.

TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE PROCEDURES TO DISCARD THESE HAZARDOUS AGENTS.

EFFECTIVITY
WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 886, 887, 891-893

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(WARNING PRECEDES)

CAUTION: CORROSION INHIBITING COMPOUNDS (CICS), SOLVENTS, OR ADHESIVES ARE A FUEL SOURCE WHICH INCREASE THE RISKS OF FIRES. WHEN YOU USE THESE SUBSTANCES, CLEAN THE WORK AREA AND INSULATION BLANKETS IMMEDIATELY. IF THE COVER MATERIAL OF A BLANKET IS BREACHED OR A BLANKET IS HEAVILY CONTAMINATED, REPLACE THE BLANKET.

- (1) Clean insulation blankets of Corrosion Inhibiting Compounds (CICs) that may be used during installation of blankets.
- (2) Use mild detergent with a soft cloth to remove CICs from blanket.

NOTE: The amount and type of contamination will determine if the blanket can be cleaned or should be replaced. If the cover material of a blanket has been breached and solvents or CICs (flammable agents) have been absorbed by the batting, replace the blanket.

- (3) Use care when cleaning insulation blankets. Lint and dust can be wiped or vacuumed from the blanket surface. Lightly soiled blankets can be cleaned using mild detergent and soft cloth or brush. Use DPM 3673 (Joy) or DPM 3673-1 (Formula 409) for light cleaning or DPM 6146 (Calla, Aircraft Interior Cleaner No. 25010). These materials are non-flammable and may be used in enclosed areas.
- (4) Metallization on insulation blanket is fragile, therefore, heavily contaminated blankets should be replaced.
- (5) You can use Aliphatic Naphtha, Citra-Safe, Biogenic SE377C or equivalent for cleaning lightly soiled blankets.

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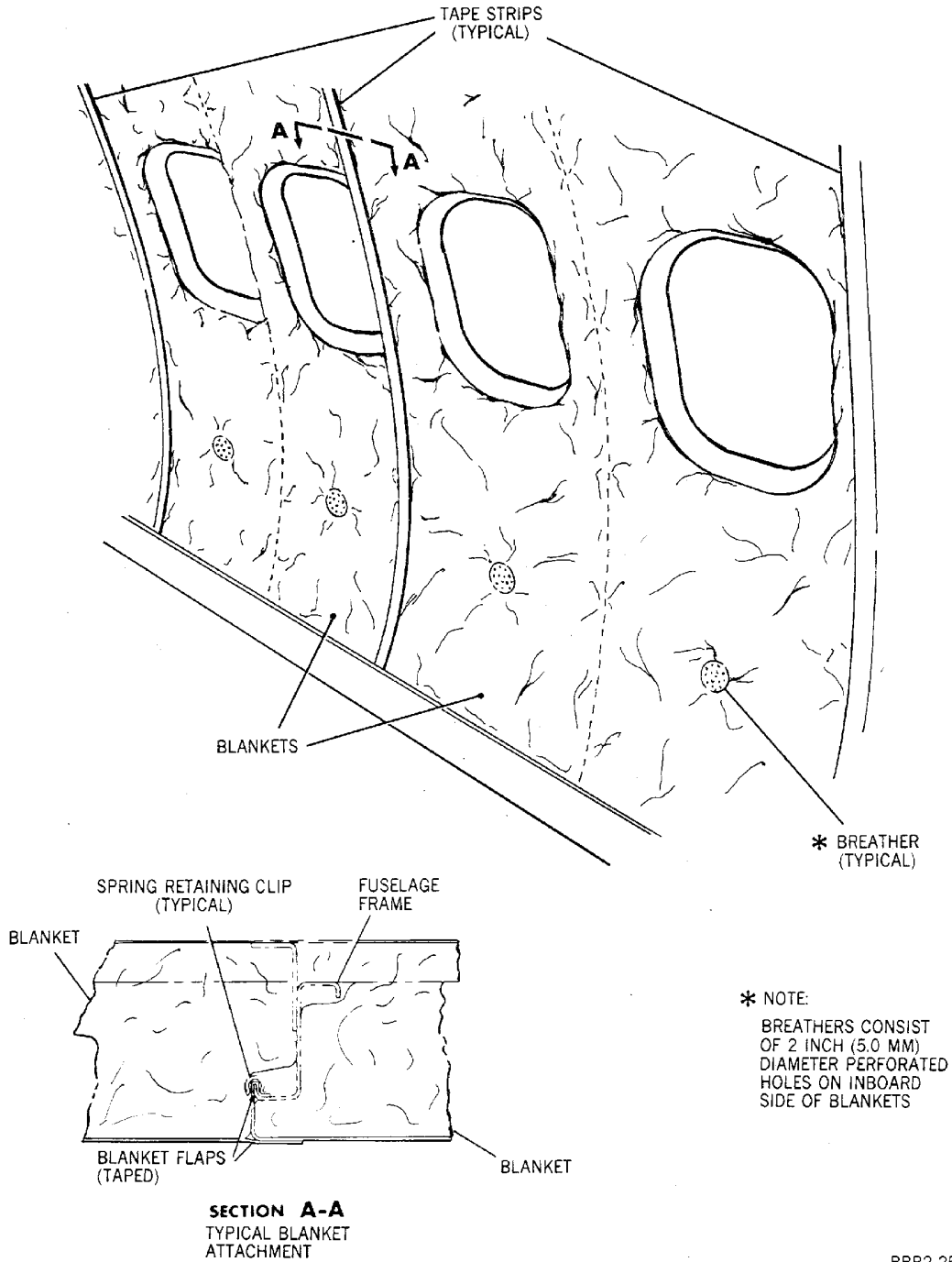
WJE 401-411, 415-427, 429, 861-866, 868, 869,
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**Passenger Compartment Insulation
Figure 201/25-22-00-990-801**

EFFECTIVITY
WJE 401-411, 415-427, 429, 861-866, 868, 869,
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PASSENGER COMPARTMENT INSULATION - MAINTENANCE PRACTICES

WJE

1. General

WJE

WJE A. The maintenance practices in this section provide removal/installation and cleaning instructions for
WJE the insulation blankets installed between the fuselage skin and interior lining of the passenger
WJE compartment (Figure 201) through (Figure 203).

WJE B. To gain access to insulation blanket sections in the passenger compartment, remove necessary
WJE interior lining panels as described in PASSENGER COMPARTMENT LINING - MAINTENANCE
WJE PRACTICES, PAGEBLOCK 25-21-00/201.

WJE C. Refer to The MEXMIL Company Component Maintenance Manual 25-09-04 or 25-29-05 for more
WJE information on the polyamide (yellow/orange) insulation.

2. Equipment and Materials

WJE

WJE **WARNING:** ITEMS IDENTIFIED WITH AN ASTERISK(*) ARE FLAMMABLE. SUPPLY ADEQUATE
WJE VENTILATION AND EXERCISE APPROPRIATE PRECAUTIONARY MEASURES.
WJE CONSULT LOCAL AUTHORITY OR REGULATORY AGENCY, FOR FIRE PREVENTION
WJE AND PERSONNEL HEALTH AND SAFETY WHEN USING THESE MATERIALS.

WJE **NOTE:** Equivalent substitutes may be used instead of the following listed items.

WJE **NOTE:** It is possible that some materials in the Equipment and Materials List cannot be used for some or
WJE all of their necessary applications. Before you use the materials, make sure the types, quantities,
WJE and applications of the materials necessary are legally permitted in your location. All persons
WJE must obey all applicable federal, state, local, and provincial laws and regulations when it is
WJE necessary to work with these materials.

WJE A. For the gray metalized plastic insulation use:

Table 201

Name and Number	Manufacturer
Tape, adhesive, 770-3 FRD Type 6, Class 2, DMS 1984	E & H Laminating & Slitting 138 Grand St. Patterson, NJ 07501
Adhesive, EC-1099	Minnesota Mining & Mfg. Co.
Clean cotton cloth	
Adhesive H-155	Staybound Corp., Gardena, Calif.
* Denatured alcohol	Commercially available
Blanket material, Insulfab 330, Type 2 DMS 2450	Chase Facile, Inc. 185 Sixth Avenue Paterson, NJ 07509
Sheet, rigid thermoformable Plastic (lining) Boltaron 6800 Series	Diversitech Gen Inc. Plastic Film Div., Newcomerstown, Ohio
Mild detergent (Joy) DPM 3673	Proctor & Gamble Co. Cincinnati, Ohio
or	

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Table 201 (Continued)

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Name and Number	Manufacturer
Mild detergent (Formula 409) DPM 3673-1	The Clorox Co. Oakland, Calif.
or	
Aircraft interior cleaner DPM 6146 No. 25010	AQUANESS Chemical Calla Works Division of Magna Corp. Stanton, Calif.
Mild cleaner Aliphatic Naphtha Citra-Safe Biogenic SE377C	

WJE

B. For the Polyamide (yellow/orange) insulation use:

WJE

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Table 202

Item	Number	Manufacturer
Tape, Polyamide, 1"	14001-01	The MEXMIL Co.
Tape, Polyamide, 2"	14002-01	The MEXMIL Co.
Tape, Polyamide, 3"	14003-01	The MEXMIL Co.
Tape, Edge Coated, 2.25"	14006-01	The MEXMIL Co.
Tape, Edge Coated, 2.5"	14006-02	The MEXMIL Co.
Tape, Edge Coated, 3.5"	14006-03	The MEXMIL Co.
Tape, PI, One Edge Coated, 6"	14014-01	The MEXMIL Co.
Isopropyl Alcohol	TT-I-735	Commercially Available

WJE

3. Removal/Installation Passenger Compartment Insulation

WJE

A. Remove Blanket

WJE

(1) Remove equipment and lining as necessary to gain access to affected area. (PASSENGER COMPARTMENT LINING - MAINTENANCE PRACTICES, PAGEBLOCK 25-21-00/201)

WJE

(2) Remove tape from blanket joints and remove spring retaining clips.

WJE

(3) Remove blanket.

WJE

B. Install Blanket

WJE

WARNING: ISOPROPYL ALCOHOL IS AN AGENT THAT IS FLAMMABLE, EXPLOSIVE, AND POISONOUS. MAKE SURE ALL PERSONS OBEY ALL OF THE PRECAUTIONS WHEN ISOPROPYL ALCOHOL IS USED.

WJE

- GAS/AIR MIXTURES MORE THAN THE LOWER EXPLOSIVE LIMIT (LEL) CAN CAUSE AN EXPLOSION IF HIGH HEAT, SPARKS, OR FLAMES SUPPLY IGNITION.

WJE

- USE IN AN AREA OPEN TO THE AIR.

WJE

- CLOSE THE CONTAINER WHEN NOT USED.

WJE

- DO NOT GET ISOPROPYL ALCOHOL IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.

WJE

- DO NOT BREATHE THE GAS.

WJE

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WJE (WARNING PRECEDES)

WJE **WARNING:** REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIER'S MSDS FOR:

- WJE • MORE PRECAUTIONARY DATA
- WJE • APPROVED SAFETY EQUIPMENT
- WJE • EMERGENCY MEDICAL AID.

WJE TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE
WJE PROCEDURES TO DISCARD THIS HAZARDOUS AGENT.

- WJE (1) Ensure area is clean where blanket is to be installed. Use alcohol and cotton cloth to clean
WJE surfaces as necessary.
- WJE (2) For gray insulation, hold blanket in place, with breathers positioned on inboard side, and install
WJE spring retaining clips.
- WJE (3) Tape blanket flaps to adjacent blankets, including gaps or spaces between blankets existing
WJE after installation, with adhesive tape (DMS 1984), or equivalent.
- WJE (4) If required, patch all slits, tears, or holes in individual blankets with adhesive tape (DMS 1984)
WJE or adhesive (EC-1099) and strips of blanket covering material (DMS 2450).
- WJE (5) Reinstall all previously removed lining and equipment removed for access. (PASSENGER
WJE COMPARTMENT LINING - MAINTENANCE PRACTICES, PAGEBLOCK 25-21-00/201)

WJE 4. Cleaning Blankets

WJE A. Clean Blankets

WJE **WARNING:** LIQUID DETERGENT IS AN AGENT THAT IS AN IRRITANT. MAKE SURE ALL
WJE PERSONS OBEY THE PRECAUTIONS WHEN LIQUID DETERGENT IS USED.

- WJE • DO NOT USE IN AREAS WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
- WJE • USE IN AN AREA OPEN TO THE AIR.
- WJE • CLOSE THE CONTAINER WHEN NOT USED.
- WJE • DO NOT GET LIQUID DETERGENT IN THE EYES, ON THE SKIN, OR ON YOUR
WJE CLOTHES.
- WJE • DO NOT BREATHE THE GAS.

WJE **WARNING:** LIQUID OR SPRAY CLEANER IS AN AGENT THAT IS AN IRRITANT. MAKE SURE
WJE ALL PERSONS OBEY THE PRECAUTIONS WHEN LIQUID OR SPRAY CLEANER IS
WJE USED.

- WJE • DO NOT USE IN AREAS WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
- WJE • USE IN AN AREA OPEN TO THE AIR.
- WJE • CLOSE THE CONTAINER WHEN NOT USED.
- WJE • DO NOT GET LIQUID OR SPRAY CLEANER IN THE EYES, ON THE SKIN, OR ON
WJE YOUR CLOTHES.
- WJE • DO NOT BREATHE THE GAS.

WJE **WARNING:** REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIERS'S MSDS FOR:

- WJE • MORE PRECAUTIONARY DATA
- WJE • APPROVED SAFETY EQUIPMENT
- WJE • EMERGENCY MEDICAL AID.

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(WARNING PRECEDES)

WJE

TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE PROCEDURES TO DISCARD THESE HAZARDOUS AGENTS.

WJE

WJE

CAUTION: CORROSION INHIBITING COMPOUNDS (CIC'S, SOLVENTS, OR ADHESIVES) ARE A FUEL SOURCE WHICH INCREASE THE RISK OF FIRES. WHEN YOU FIND THESE SUBSTANCES, CLEAN THE WORK AREA AND THE INSULATION BLANKETS IMMEDIATELY. IF THE COVER MATERIAL OF A BLANKET IS DAMAGED OR A BLANKET IS CONTAMINATED, REPLACE THE BLANKET.

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(1) For metalized plastic (gray) insulation:

WJE

(a) Clean insulation blankets of Corrosion Inhibiting Compounds (CICs) that may be used during installation of blankets.

WJE

WJE

(b) Use mild detergent with a soft cloth to remove CICs from blanket.

WJE

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NOTE: The amount and type of contamination will determine if the blanket can be cleaned or should be replaced. If the cover material of a blanket has been breached and solvents or CICs (flammable agents) have been absorbed by the batting, replace the blanket.

WJE

(c) Use care when cleaning insulation blankets. Lint and dust can be wiped or vacuumed from the blanket surface. Lightly soiled blankets can be cleaned using mild detergent and soft cloth or brush. Use DPM 3673 (Joy) or DPM 3673-1 (Formula 409) for light cleaning or DPM 6146 (Calla, Aircraft Interior Cleaner No. 25010). These materials are non-flammable and may be used in enclosed areas.

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(d) Metallization on insulation blanket is fragile, therefore, heavily contaminated blankets should be replaced.

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(e) You can use Aliphatic Naphtha, Citra-Safe, Biogenic SE377C or equivalent for cleaning lightly soiled blankets.

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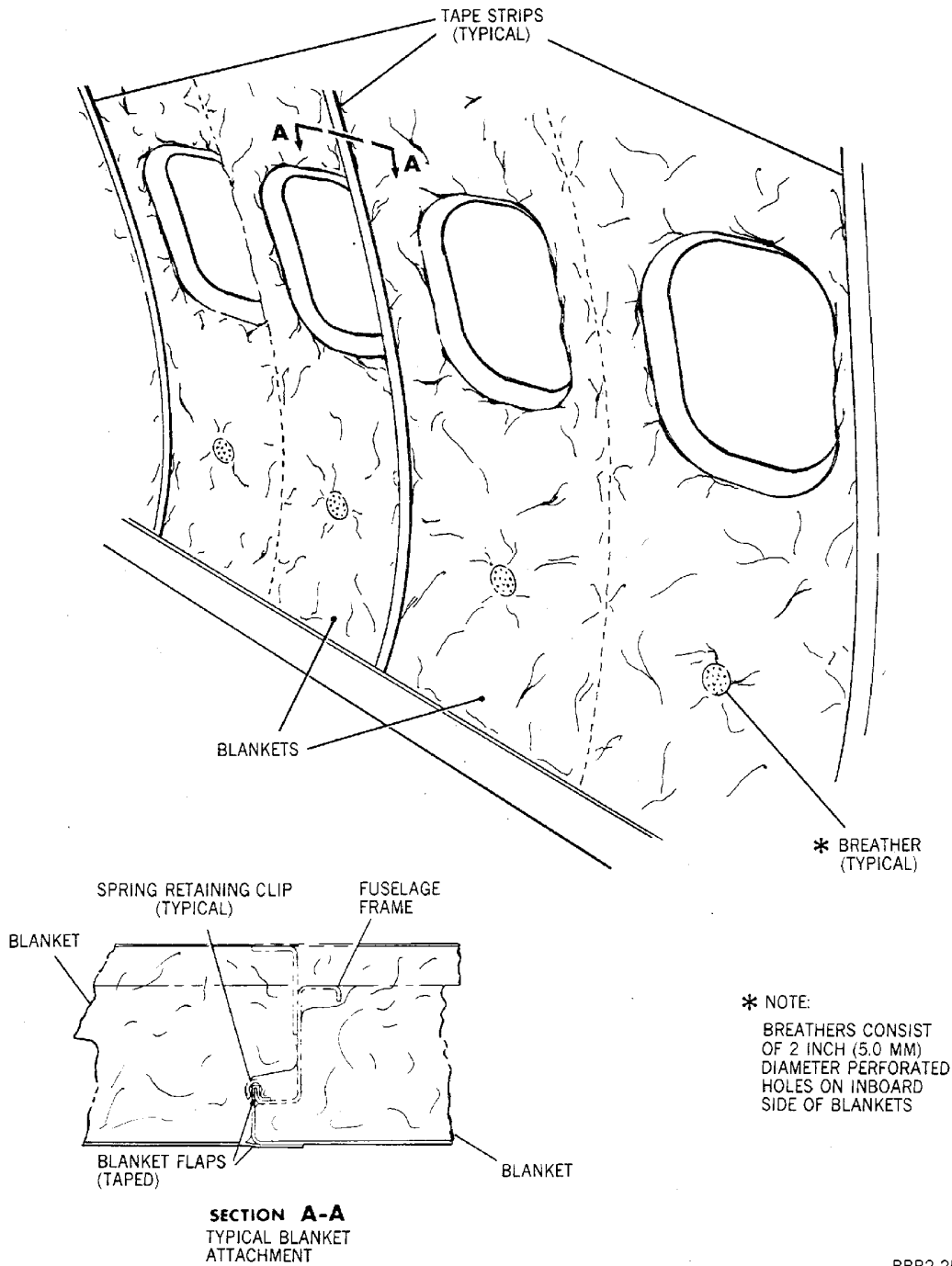
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**Passenger Compartment Insulation
Figure 201/25-22-00-990-802**

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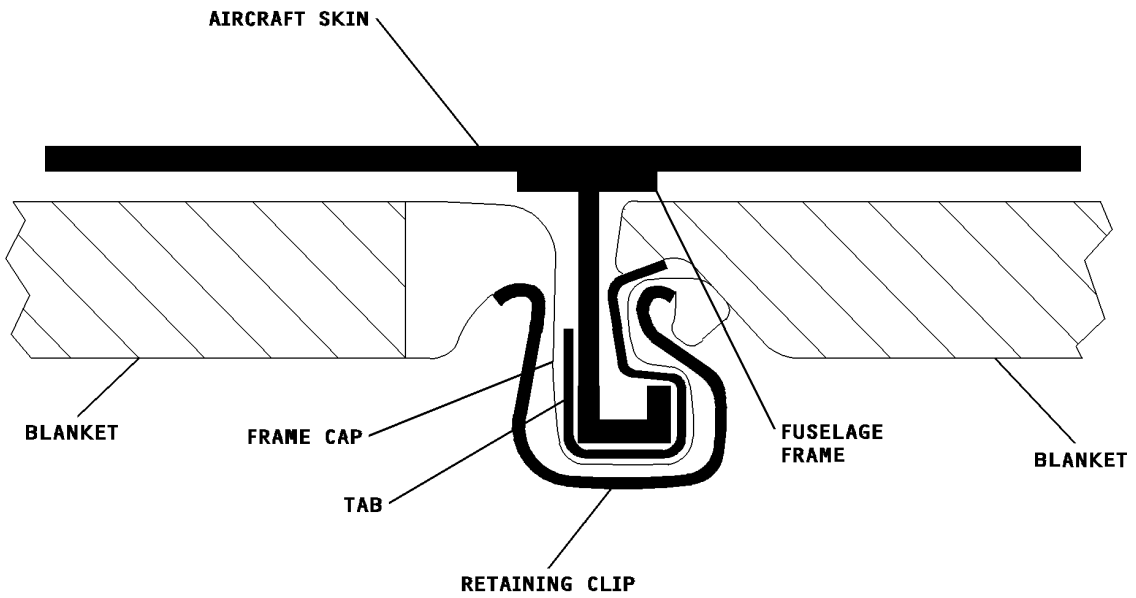
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Polyamide Insulation Blanket Retaining Clip
Figure 203/25-22-00-990-804

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PASSENGER SEATS - DESCRIPTION AND OPERATION

1. General

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- A. Each passenger compartment seat is part of a double-or triple-seat unit consisting of an aluminum riveted and welded frame with supporting legs, flame-resistant fabric, plastic foam cushions, individual movable seat backs with a breakover feature, folding armrests, seat back recline control mechanisms, seat belts, a folding food tray in the back of each seat, an underseat baggage restraint, and seat accessories.

WJE 412, 414

- WJE B. Each passenger compartment seat is part of a double or triple seat unit consisting of an aluminum riveted and welded frame with supporting legs, flame-resistant fabric, plastic foam cushions, individual movable seat backs with a breakover feature, folding armrests, seat back recline control mechanisms, seat belts, a folding food tray in the back of each seat, an underseat baggage restraint, and seat accessories. On MD 81/82/88 aircraft, the tourist class seats have breakover while the business class seats do not have breakover.
- WJE C. For MD81/82 aircraft (except N804ME and N805ME), refer to B/E Aerospace CMM 25-29-92 for B/E Aerospace business class seats, PTC Aerospace CMM 25-28-01 for PTC Seats, and the MD80 IPC for integrated Resources (Weber) tourist class seats. Refer to MA drawing MA 25-299 for Interior Cabin Seat Locations.
- WJE D. For aircraft configured in charter configuration (N804ME and N805ME), refer to B/E Aerospace CMM 25-29-92 for B/E Aerospace business class seats and Airbase Services AB10016 and PTC 950 CMM 25-29-02 for aft facing club seats. Refer to MA Drawing MA 25-310 for MD80 Charter Cabin Passenger Seat Locations.
- WJE E. For aircraft N601ME and N701ME, refer to B/E Aerospace CMM 25-29-92 for B/E Aerospace business class seats, PTC Aerospace CMM 25-28-01 for PTC Seats, and the MD80 IPC for Integrated Resources (Weber) tourist seats. Refer to MA 25-300 for Interior Cabin Seat Locations.
- WJE F. For aircraft N822ME and N823ME, refer to B/E Aerospace CMM 25-29-92 for B/E Aerospace business class seats, PTC Aerospace CMM 25-28-01 for PTC Seats, Burns/Jepson Burns CMM 25-25-35 and 25-27-21 for tourist seats, and the MD80 IPC for Integrated Resources (Weber) tourist class seats at the exit rows. Refer to MA drawing MA 25-301 for Interior Cabin Seat Locations.

WJE **WJE ALL**

2. Passenger Seats

- A. Description
- (1) Seat Units - The seat units are attached to the passenger compartment floor seat tracks by a single stud-type attachment fitting located at each front leg and by a double attachment fitting located at each rear leg. The seat unit is locked securely to the seat tracks by a lever operated plunger at the aft fittings, which aligns with a cutout in the seat tracks. The plunger is locked by moving the lever up.
- (2) Seat Back - Movement of the seat back is controlled by the seat recline cylinder (hydrolok) which is actuated by a pushbutton located at the front inside of the right armrest.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (3) Folding Food Tray - A folding food tray is located in a recess in the back of each seat. The support arms are attached to the seat frame and pivot to allow the food tray to fold down to the level position for use. For seats not immediately aft of another seat row, provisions are provided for a plug-in-type utility tray.

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- (4) Underseat Baggage Restraint - The underseat baggage restraint prevents baggage which has been carried aboard from sliding forward due to sudden stops or landing impact.
- (5) Seat Accessories - Seat accessories include a seat safety belt of woven washable material and a metal-to-metal-type buckle, an ashtray as an integral part of each armrest, and stowage pockets on the seat back for literature and paper containers.

3. Operation

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- A. To move the seat back from upright to any intermediate or fully reclined position, depress the applicable recline control pushbutton and apply pressure against the seat back. Releasing the recline control pushbutton will stop movement at any seat position between upright and fully reclined. To return a reclined seat back to the upright position, depress the recline control pushbutton and remove pressure from the seat back; seat back will automatically return to the upright position. With pressure applied to the top of the seat back in a forward direction, the seat back can be folded forward in a 45 degree breakover position without using the recline control pushbutton. With additional pressure applied, the seat back can be folded forward against the seat bottom. Each outboard seat located immediately forward of an overwing exit door has the seat back adjusted to prevent the seat back from reclining into the exit area. Each outboard seat located aft of an overwing exit door has the breakover feature blocked to prevent the seat back from being folded into the exit area.

NOTE: For seat stowage, back cushions should be removed before seat back is folded forward.

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PASSENGER SEATS - MAINTENANCE PRACTICES

1. General

- A. Maintenance of a passenger seat unit consists of seat removal/installation, replacement and adjustment of seat recline cylinder, replacement of recline cylinder hydraulic control assembly, replacement and adjustment of food tray, and cleaning of seat structure, upholstery, and adjacent area. For removal/installation of seat belt. (Paragraph 7.)
- B. For cleaning of seat structure, upholstery and adjacent area, Paragraph 6.

WJE 412, 414

- WJE** C. In addition to the following Maintenance Practices, Refer to the following CMMs:
 - WJE** NOTE: For aircraft configured in an all-business class arrangement (except 401-402), refer to B/E
 - WJE** Aerospace Interiors CMM 25-29-92. Refer to MEA drawing ME25-131 For MD81/82
 - WJE** Interior Cabin Passenger Seat Locations.
 - WJE** NOTE: For aircraft configured in charter configuration (except 401-402), refer to B/E Aerospace
 - WJE** Interiors EO 25-29-92. For Aft facing club seat information, refer to Airbase Services Dwg
 - WJE** AB10016 and PTC950 CMM 25-29-02. Refer to MEA Drawing ME25-227 for MD80
 - WJE** Charter Cabin Passenger Seat Locations.
 - WJE** NOTE: For aircraft configured in all-tourist configuration, refer to the IPC.
 - WJE** NOTE: For aircraft 401-402 configured in an-all business class arrangement, refer to PTC Seats
 - WJE** CMM 25-29-04, Pages 1-1 to 2-8. Refer to Midwest Airlines Drawing ME25-130 for MD88
 - WJE** Interior Cabin Passenger Seat Locations.
 - WJE** NOTE: For aircraft 403 and 404 configured business and tourist class, refer to the following:
 - WJE** • B/E New Millennium: CMM 25-29-92
 - WJE** • Jepson Burns Seats: CMM 25-25-35
 - WJE** • Burns: CMM 25-27-21
 - WJE** • Integrated Resources: IPC
 - WJE** • Refer to Midwest Airlines MA25-301 for Business/Tourist Interior Cabin Passenger Seat
 - WJE** Locations.

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2. Removal/Installation Passenger Seats

- A. Remove Seats

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (1) Fold seat backs forward and down against seat bottoms, except for the outboard seat immediately forward of the overwing exit doors.

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- (2) Unlock seat track lock on each rear leg. (Figure 201 view B)
- (3) Push seat fore or aft about one-half inch (13.0 mm) to free seat retaining studs from seat tracks.
- (4) Lift seat from seat tracks and relocate or remove unit as necessary.

- B. Install Seats

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (1) Fold seat backs forward and down against seat bottoms, except for the outboard seat immediately forward of the overwing exit doors.

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- (2) Place seat assembly over seat tracks at desired location and guide seat retaining studs into seat track openings. Ensure seat assembly is positioned squarely across seat track axis.
- (3) Lock seat track lock on rear legs. (Figure 201, View B)
- (4) Raise seat back to normal upright position.

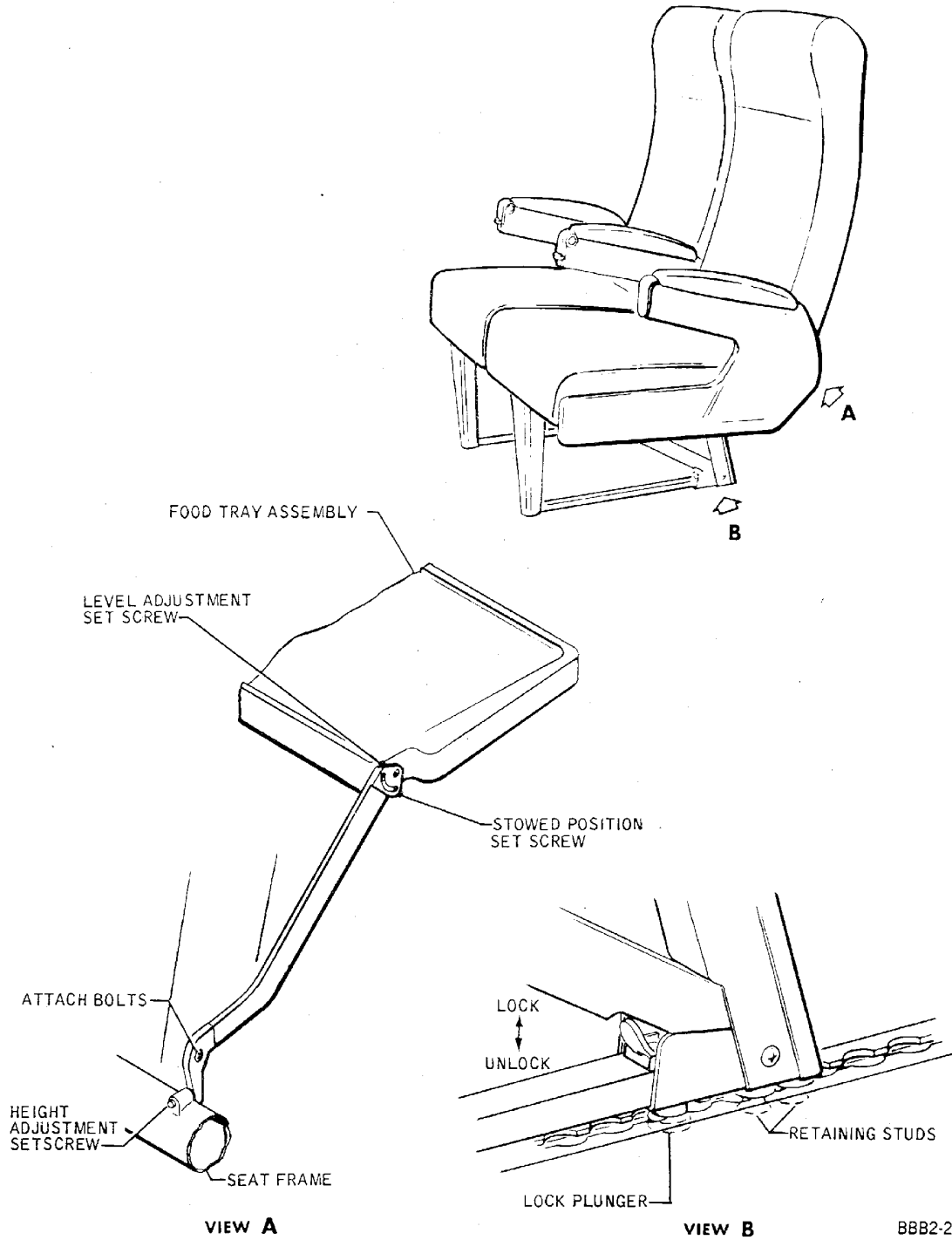
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Passenger Seats
Figure 201/25-23-00-990-804

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WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

3. Removal/Installation Food Tray

- A. Remove Tray
 - (1) Turn latch to free food tray from recess in seat back.
 - (2) Disconnect attach bolts and remove food tray. (Figure 201 View A)
- B. Install Tray
 - (1) Position food tray in place and install attach bolts. (Figure 201, View A)
 - (2) Fold food tray up, and into seat back recess and secure latch.

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4. Removal/Installation Seat Recline Cylinder

- A. Remove Recline Cylinder (Figure 202)
 - (1) Ensure seat back is in normal upright position.
 - (2) Remove seat bottom cushion.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (3) Loosen set screw and remove slave cylinder from forward end of seat recline cylinder.

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- (4) Remove bolt from aft end of seat recline cylinder.
- (5) Remove seat recline cylinder from mounting trunnion.
- B. Install Recline Cylinder (Figure 202)
 - (1) Position jamnut and aft retaining nut toward cylinder to allow for adjustment clearance.
 - (2) Install washer against retaining nut.
 - (3) Insert threaded end of cylinder into mounting trunnion.
 - (4) Bolt aft end of cylinder to recline arm.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (5) Locate seat back to 15-degree recline position (normal upright) by aligning with adjacent seat backs or by using template.
- (6) Hold seat back in 15-degree recline position and screw aft retaining nut against mounting trunnion.

NOTE: Outboard seat immediately forward of an overwing emergency exit must be adjusted to preclude reclining into area required for emergency exit door opening.

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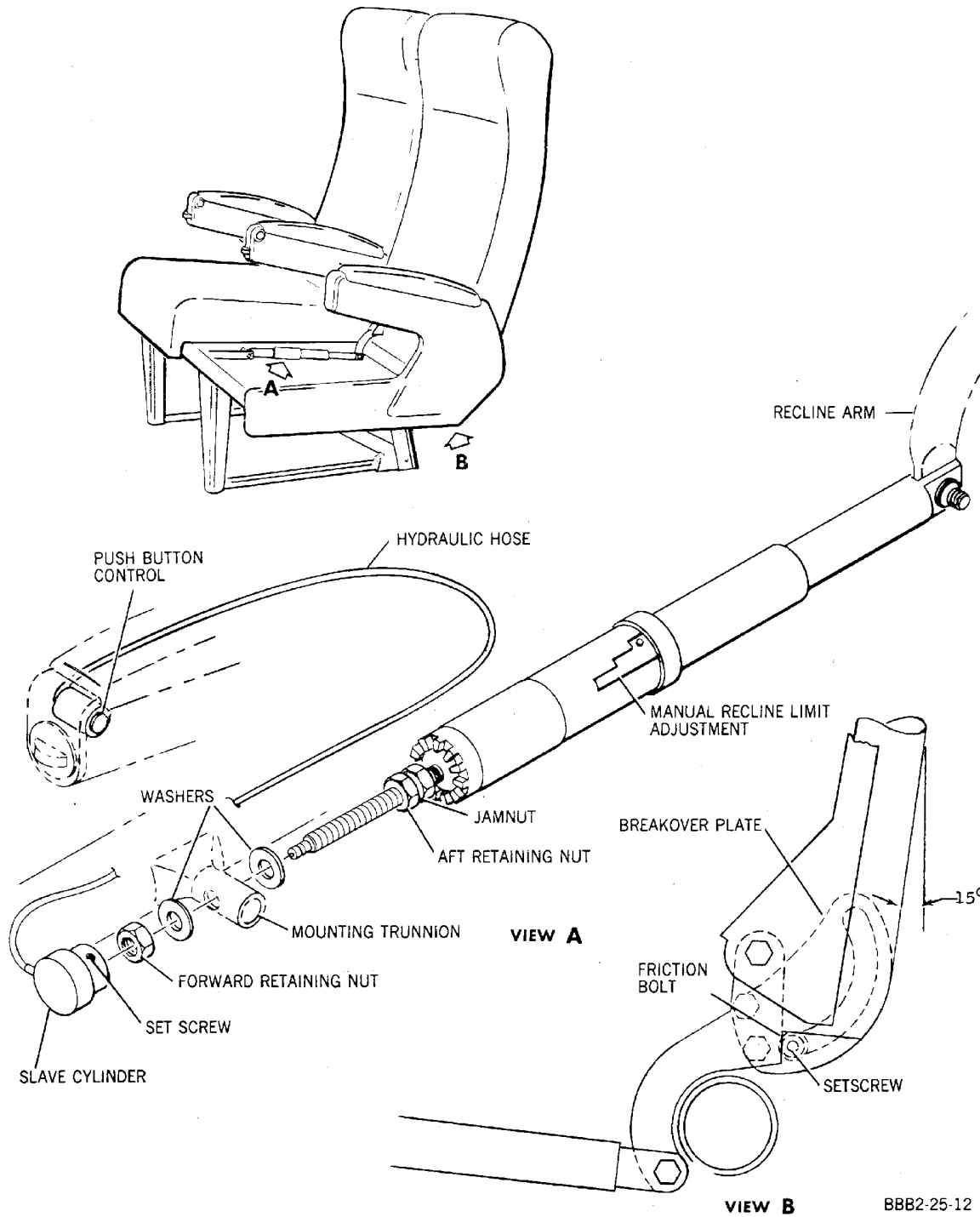
- (7) Tighten jamnut against retaining nut.
- (8) Install washer and forward retaining nut, and tighten nut against forward side of trunnion.
- (9) Install slave cylinder and tighten setscrew.
- (10) Install seat bottom cushion.
- (11) Actuate seat back through full recline range. Check for lock in various positions and check that seat back returns to desired position when control button is depressed and released.

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**Passenger Seat Recline Cylinder -- Installation
Figure 202/25-23-00-990-805**

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5. Adjustment Seat Back Breakover, Food Tray, and Recline Cylinder

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

A. Seat Back Breakover Adjustment (Figure 202)

- (1) Loosen setscrew.
- (2) Adjust breakover tension by loosening or tightening friction bolt until a force of 20 to 30 pounds (9.1-13.6 kg) applied to top of seat is required to overcome seat back resistance to forward movement.

NOTE: Outboard seat back immediately aft of overwing exit must be blocked with stop installed in breakover plate slot to preclude seat back folding forward into area required for overwing exit door opening.

- (3) Tighten setscrew.

B. Food Tray Adjustment

- (1) Turn latch and lower food tray to serving position.
- (2) Remove lower seat cushion for access to height adjustment setscrews.
- (3) Rotate setscrews until desired height position is obtained.
- (4) Install lower seat cushion.
- (5) Adjust level of food tray by rotating setscrews located in top of food tray support until level position is obtained.
- (6) Raise food tray to stowed position; if adjustment is required to latch food tray, rotate setscrews located under food tray upper attachment on seat back.

WJE 412, 414

C. Tourist Back-mounted Food Tray Adjustment

- (1) Turn latch and lower food tray to serving position.
- (2) Remove lower seat cushion for access to height adjustment setscrews.
- (3) Rotate setscrews until desired height position is obtained.
- (4) Install lower seat cushion.
- (5) Adjust level of food tray by rotating setscrews located in top of food tray support until level position is obtained.
- (6) Raise food tray to stowed position; if adjustment is required to latch food tray, rotate setscrews located under food tray upper attachment on seat back.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

D. Recline Cylinder Adjustment

(Figure 202)

NOTE: Recline cylinder on outboard seats immediately forward of overwing exit doors must be adjusted to prevent the seat back from reclining into the area required for overwing exit door opening.

- (1) Loosen jamb nut.
- (2) Loosen aft retaining nut, if seat back is less than 15 degrees (full upright position), and turn jamb nut and aft retaining nut until desired position is gained. Secure cylinder in this position by tightening forward retaining nut against mounting trunnion.

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WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893 (Continued)

- (3) Loosen forward retaining nut, if seat back is more than 15 degrees, and turn nut forward a few turns. Turn aft retaining nut and jamb nut until desired position is gained. Secure cylinder in this position by tightening forward retaining nut against mounting trunnion.
- (4) Adjust seat back range to predetermined stroke limits by turning recline cylinder housing to desired position.

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6. Cleaning/Painting

WARNING: ITEMS IDENTIFIED WITH AN ASTERISK (*) ARE FLAMMABLE SOLVENTS. PROVIDE FOR ADEQUATE VENTILATION AND EXERCISE APPROPRIATE PRECAUTIONARY MEASURES. CONSULT LOCAL AUTHORITY OR REGULATORY AGENCY FOR FIRE PREVENTION AND PERSONNEL HEALTH AND SAFETY WHEN USING THESE SOLVENTS.

A. Aircraft Interior Cleaning Materials

NOTE: Equivalent substitutes may be used instead of the following listed items:

NOTE: It is possible that some materials in the Equipment and Materials List cannot be used for some or all of their necessary applications. Before you use the materials, make sure the types, quantities, and applications of the materials necessary are legally permitted in your location. All persons must obey all applicable federal, state, local, and provincial laws and regulations when it is necessary to work with these materials.

Table 201

Name and Number	Manufacturer
*Solvent, isopropyl alcohol, TT-I-753, Grade A	
Host-Dry cleaning compound	Host of California, Pasadena, Calif.
Wet-Rug shampoo	
*Solvent, cleaning, P-D-680	
Mild soap detergent	

B. Cleaning Interior Decorative Materials

WARNING: CLEANING SOLVENT IS COMBUSTIBLE AND VAPOR MAY BE TOXIC. AVOID PROLONGED BREATHING OF VAPOR AND PROLONGED OR REPEATED CONTACT WITH SKIN. AVOID CONTACT WITH EYES. CLEAN IN WELL-VENTILATED AREA AND USE APPROVED SAFETY EQUIPMENT.

- (1) Clean metal and plastic parts with P-D-680 cleaning solvent (or equivalent) as follows:
 - (a) Spray or wipe on over soiled area.
 - (b) Wipe off with clean cloth dampened in water.

WARNING: CLEANING OPERATIONS USING SOLVENTS SHOULD BE PERFORMED IN A WELL VENTILATED ATMOSPHERE. EXERCISE NORMAL SAFETY PRECAUTIONS DURING USE.

- (2) Follow up with TT-I-735 isopropyl alcohol solvent as follows:
 - (a) Wipe surface with clean cloth dampened with isopropyl alcohol and wipe dry with clean cloth.

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- (b) When removing tar, asphalt, or chewing gum, remove as much as possible with knife or other mechanical means. Apply isopropyl alcohol to residue and then wipe dry with clean cloth; this buffing effect eliminates possibility of solution stain.

C. Cleaning Metal Fittings and Trim

- (1) Remove oxide, tarnish, and dirt from non-lacquered metal surfaces, and polish metal as outlined in following steps:
 - (a) Apply small amount of metal polish with soft, clean cotton cloth.
 - (b) Polish surface with dry cotton cloth before it is completely dry.
 - (c) After drying, hand buff all heavily oxidized metal until desired polish is obtained.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

D. Cleaning Rugs, Drapes, Curtains and Upholstery Fabric

- (1) Dry clean commercially as applicable.
- (2) Dry clean with Host-Dry cleaning compound as applicable.
 - (a) Sprinkle compound liberally on soiled area.
 - (b) Rub compound into soiled area.
 - (c) Remove compound with vacuum cleaner.
NOTE: This material is non-flammable and may be used on fueled aircraft.
- (3) Clean with Wet-Rug shampoo as applicable.
 - (a) Vacuum rugs and upholstery, removing as much surface dirt and dust as possible.
 - (b) Place tablespoon of shampoo in pail and direct jet of water into shampoo to produce abundant foam.
 - (c) Apply foam uniformly over surface to be cleaned.
 - (d) Remove suds by wiping with brush or clean cotton cloth. Since there is very little moisture in foam, wetting of fabric or retention of moisture will not occur.
NOTE: A rug shampoo machine should be used for extensive carpet cleaning.
 - (e) If tar, asphalt, or chewing gum is present, remove as much of deposits as possible by mechanical means; then perform Paragraph 6.D.(3)(a), Paragraph 6.D.(3)(b), Paragraph 6.D.(3)(c), Paragraph 6.D.(3)(d).

WJE 412, 414

- WJE** E. Cleaning Rugs, Drapes, Curtains and Upholstery Fabric
- WJE** (1) Dry clean flame resistant wool and wool blend fabrics as applicable.
- WJE** NOTE: Recommended cleaning interval is twice annually or as required
- WJE** (a) Discard material if item has previously been cleaned ten times or if it is damaged.
- WJE** (b) Route repairable items to stockroom for disposition.
- WJE** (2) Machine wash flame resistant non-wool fabrics
- WJE** NOTE: Clean as necessary
- WJE** (a) Discard anti-macassar if it has been cleaned twenty times or if it is damaged.
- WJE** NOTE: All ten numbers will be circled and crossed to represent twenty cleanings.
- WJE** (b) Load machine to a minimum of 33% load capacity.
- WJE** (c) Machine water temperature should not exceed 100°F (38°C).

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WJE **WJE 412, 414 (Continued)**

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WJE 412, 414 (Continued)

- (d) Detergent will be all in one nonionic based.
- (e) Dryer exhaust temperature is not to exceed 131°F (55°C).
- (f) Remove fabric promptly to avoid wrinkling.
- (g) Mark "number of washings" tag with indelible ink upon completion.

NOTE: Circle the appropriate number 1–10 for the first ten cleanings and an "X" over the same numbers for ten additional cleanings.

- (3) Clean the leather seat covers as applicable.

NOTE: Clean as necessary

(a) Leather seat covers may be cleaned topically using a mild soap and water solution such as Ivory Liquid Soap or leather manufacturer recommended leather cleaner(s)/conditioner(s), and wiped clean and dry.

(b) Do not use solvent-type cleaners.

- (4) Clean with Wet-Rug shampoo as applicable.

(a) Vacuum rugs and upholstery, removing as much surface dirt and dust as possible.

(b) Place tablespoon of shampoo in pail and direct jet of water into shampoo to produce abundant foam.

(c) Apply foam uniformly over surface to be cleaned.

(d) Remove studs by wiping with brush or clean cloth. Since there is very little moisture in foam, wetting of fabric or retention of moisture will not occur.

NOTE: A rug shampoo machine should be used for extensive carpet cleaning.

(e) If tar, asphalt or chewing gum is present, remove as much of deposits as possible by mechanical means; then perform steps (a) through (d).

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7. Approved Repairs Seat Belt

NOTE: The seat belt provided for each passenger seat is not normally removed except for seat belt replacement. Each seat belt is removed and installed identically except as noted.

A. Remove Seat Belt

- (1) Pull upward and remove seat bottom cushion from seat.

NOTE: Seat cushion is retained on seat unit by Velcro tape (hook and pile material).

- (2) Unlatch seat belt ends from either ring or link attached to seat structure.
- (3) Remove seat belt.

B. Install Seat Belt

- (1) Position seat belt on seat.

NOTE: Buckle is normally positioned on left side of seat during installation of seat belt.

- (2) Latch seat belt ends to either ring or link attached to seat structure.
- (3) Position and install seat bottom cushion on seat.

8. Check Passenger Seats and Belts

A. Check Seat Belt Attach Bolts

- (1) Check seat belt attach bolts per manufacturer's specifications for the following:

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- (a) Correct part number bolt is installed in each seat belt attachment.
 - (b) Bolts are torqued to the correct value.
- B. Check Shackle Assembly
- (1) Check each shackle assembly for freedom of movement.

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PASSENGER SEATS - ADJUSTMENT/TEST

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-23-00-720-801

2. Functional Check of the Passenger Seat Breakover Mechanism (If Installed)

A. Passenger Seat Breakover Mechanism Functional Check

SUBTASK 25-23-00-720-001

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (1) Apply a forward force to top of each seat back. Make sure that force required to overcome resistance is 20 to 30 pounds (9.1-13.6 kg).
- (2) Make sure that outboard seat back immediately aft of overwing exit is blocked with stop installed in breakover plate slot to preclude seat back folding forward into area required for overwing exit door opening.

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B. Job Close-up

SUBTASK 25-23-00-942-002

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

TASK 25-23-00-720-802

3. Seat Belt Attach Bolt Assembly

A. Inspect the Seat Belt Attach Bolt Assembly

SUBTASK 25-23-00-720-002

- (1) Do a detailed inspection of the seat belt attach bolt assembly.
- (2) For castellated nuts, check for cotter pin proper installation.
- (3) Check each shackle assembly for freedom of movement.

B. Job Close-up

SUBTASK 25-23-00-942-003

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

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PASSENGER SEATS - INSPECTION/CHECK

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-23-00-211-801

2. Detailed Inspection of the Passenger Seat for Attachment and Locking to Structure

A. Prepare for the Passenger Seat for Attachment and Locking to Structure Detailed Inspection

SUBTASK 25-23-00-030-001

(1) Gain access to the passenger's seat and seat tracks attachment and locking to structure by pulling seat track covers back.

B. Passenger Seat for Attachment and Locking to Structure Detailed Inspection

SUBTASK 25-23-00-211-001

(1) Do a detailed inspection on passenger seat for proper installation, attachment and locking to structure.

(2) Do a detailed inspection of the seat assembly lock mechanisms for proper engagement.

C. Job Close-up

SUBTASK 25-23-00-430-001

(1) Put seat track cover back to its normal configuration.

SUBTASK 25-23-00-942-001

(2) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

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FORWARD CABIN ATTENDANT'S SEAT - DESCRIPTION AND OPERATION

1. General

- A. A cabin attendant's double seat is installed on the aft side of the electrical power center (EPC) panel, in the forward end of the passenger compartment, and faces aft.

2. Forward Cabin Attendant's Seat

A. Description

- (1) Seat - The seat is attached to the EPC panel structure by screws provided for attachment holes in the seatback frame that engage locknuts attached to the panel structure. The base of the seat frame is attached to the floor with camloc fasteners.

WJE 401-411, 873-881, 883, 884, 886, 887, 892, 893

- (2) Seat Cushions and Headrest - The back cushion for the seat is attached to the seat frame with snap fasteners and velcro tape. The padded headrest for the seat is secured to the EPC panel structure with attachment clips and screws. When not in use, the seat bottom with cushion folds upward into the stowed position.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

(3) Seat Cushions and Headrest

- (a) The back cushion for the seat is attached to the seat frame with snap fasteners and velcro tape. The padded headrest for the seat is secured to the EPC panel structure with attachment clips and screws. When not in use, the seat bottom with cushion folds upward into the stowed position.

WJE 863-866, 868

- (b) The heater elements are incorporated in the seat back and seat bottom cushions. The heater electrical cable on the forward side of the seat is connected to a 28 VAC power outlet on the EPC panel. When a switch adjacent to the outlet is placed in the ON position, power is supplied to each cushion heater element. Heating is cycled on and off automatically by thermostatic switches in each cushion.

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- (4) Seat Restraints - Individual seat belts and shoulder harness straps with retractors are attached to the EPC panel and seat frame structures, and are provided for two occupants of the seat.
- (5) Intercommunication Panel - An intercommunication panel for a cabin attendant is installed on the aft side of the EPC panel structure, just above the seat headrest.
- (6) Support Strap - Provisions for a cabin attendant, handle-type, support strap is provided on the upper outboard side of the EPC panel structure, adjacent to the intercommunication panel.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (7) Lifevests - Stowage provisions for two lifevests are provided beneath the seat.

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FORWARD CABIN ATTENDANT'S SEAT - MAINTENANCE PRACTICES

1. General

- A. This section provides procedures for removal and installation of the cabin attendant's seat from the aft side of the electrical power center panel and the cabin floor in the forward entrance area.

2. Removal/Installation Forward Cabin Attendant's Seat

- A. Remove Seat (Figure 201 or Figure 202)
- (1) If applicable, remove bolt, screw, and optional support strap located above and outboard of headrest. Retain support strap, bolt, screw, washers, and retainer for installation.

WJE 422 PRE DC9-25-255

- (2) Remove shoulder harness support bar as follows:
 - (a) Remove screws securing support bar to headrest lower attachment brackets on EPC panel.
 - (b) Remove support bar and allow shoulder harness straps to rest on seat back. Retain support bar, screws, and fitting-type washers for installation.

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- (3) Remove shoulder harness guide as follows:
 - (a) Remove screws securing guide to headrest lower attachment brackets on EPC panel.
 - (b) Remove guide, detach shoulder harness straps from guide slots, and allow straps to rest on seat back. Retain guide, screws, and fitting-type washers for installation.
- (4) If required, lift and remove headrest from upper attachment clips on EPC panel.
- (5) Place and hold seat bottom in down (extended) position for access to floor attachments.
- (6) Unlock camloc fastener on each seat leg.
- (7) Allow seat bottom to fold in up (stowed) position.
- (8) Remove back cushion for access to attachment screws at outboard top corners of seat back.
NOTE: Back cushion is secured to seat frame with velcro tape and snap fasteners.
- (9) Remove attachment screws securing seat back frame to EPC panel.
- (10) Lift seat up and aft to clear EPC panel; then, remove seat from aircraft.

B. Install Seat (Figure 201 or Figure 202)

- (1) Move seat in approximate position in aircraft.
- (2) Align and hold seat in position; then, secure seat back frame to EPC panel with attachment screws. Install back cushion.
NOTE: Back cushion is secured to seat frame with velcro tape and snap fasteners.
- (3) Place and hold seat bottom in down (extended) position for access to floor attachments.
- (4) Align and lock camloc fastener on each seat leg.
- (5) If removed, attach headrest to upper attachment clips on EPC panel.

WJE 422 PRE DC9-25-255

- (6) Install shoulder harness support bar as follows:
 - (a) Place support bar under shoulder harness straps; then, align and hold support bar in position against headrest lower attachment brackets and EPC panel.

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WJE 422 PRE DC9-25-255 (Continued)

- (b) Install and secure support bar to EPC panel using screws and fitting-type washers as required.

NOTE: Shoulder harness support bar screws also secure headrest lower attachment brackets to EPC panel.

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- (7) Install shoulder harness guide as follows:
 - (a) Place guide under shoulder harness straps; then, align and hold guide in position against headrest lower attachment brackets and EPC panel.
 - (b) Install and secure guide to EPC panel using screws and fitting-type washers as required. Attach shoulder harness straps to guide slots.

NOTE: Shoulder harness guide screws also secure headrest lower attachment brackets to EPC panel.

- (8) If applicable, install handle-type support strap to EPC panel (above and outboard of headrest) using bolt, screw, washers, and retainer, as required.
- (9) Check seat for damage to mounting area at seat back and floor attachments. Note condition of seat pivot links for excessive wear or looseness.

NOTE: After any seat maintenance, seat bottom must automatically retract to full up (stowed) position without assistance from occupant.

NOTE: In the retracted position, the amount that the seat bottom protrudes beyond the back cushion may vary between 0 - 6 inches (0 - 152.4 mm). A retracted position in excess of 6 inches (152.4 mm) may indicate faulty parts or improper operation and should be corrected.

3. Check Forward Cabin Attendant's Seat and Shoulder Harness

A. Check Seat Belt Attach Bolts

- (1) Check seat belt attach bolts per manufacturer's specifications for following:
 - (a) Correct part number bolt is installed in each seat belt attachment.
 - (b) Bolts are torqued to correct value.

B. Check Shackle Assembly

- (1) Check each shackle assembly for freedom of movement.

C. Operational Check of Shoulder Harness

- (1) Do an operational check of shoulder harness (all positions).
 - (a) Make sure harness can be moved smoothly throughout full travel.
 - (b) Make sure inertia reels lock automatically when sudden load is applied.

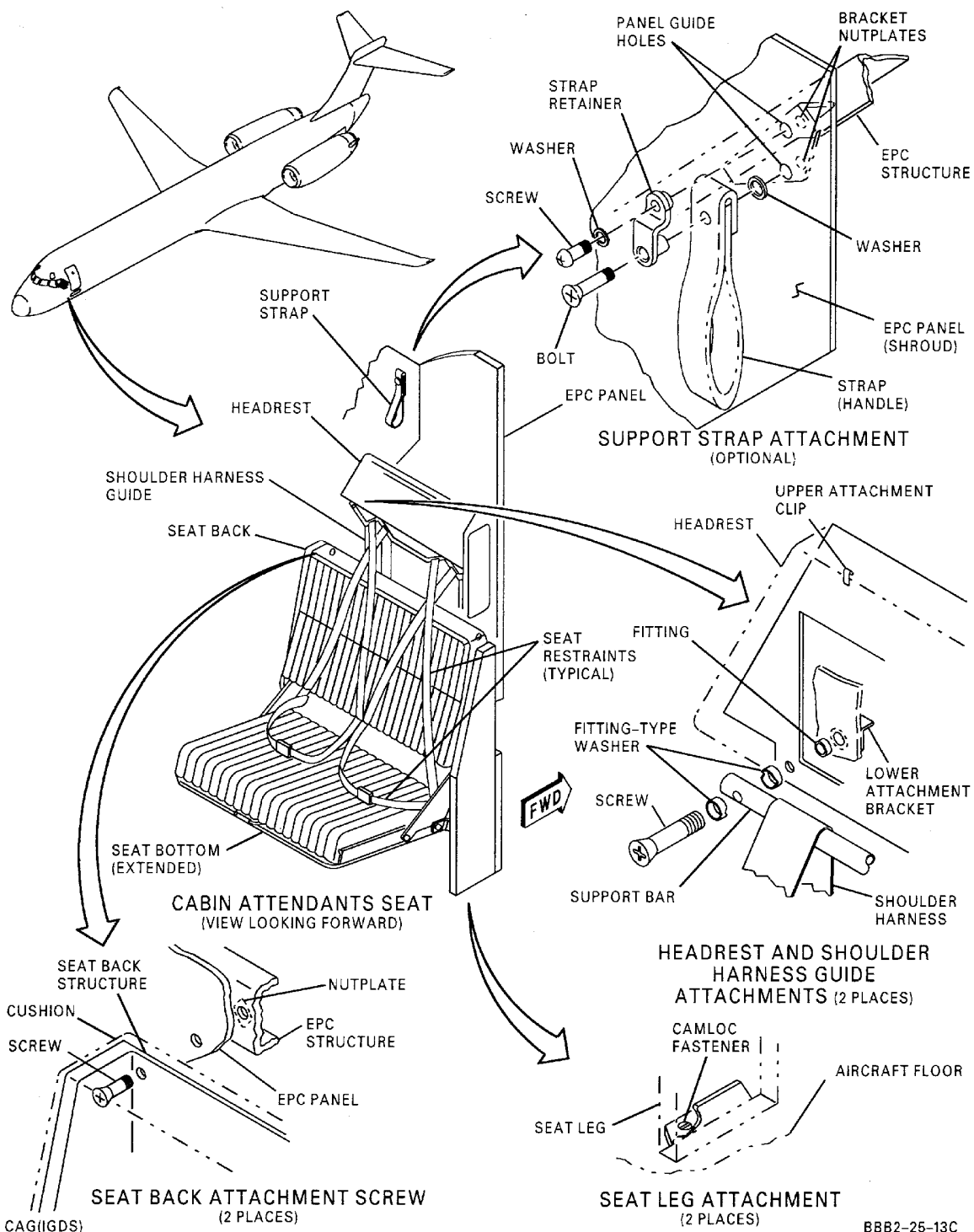
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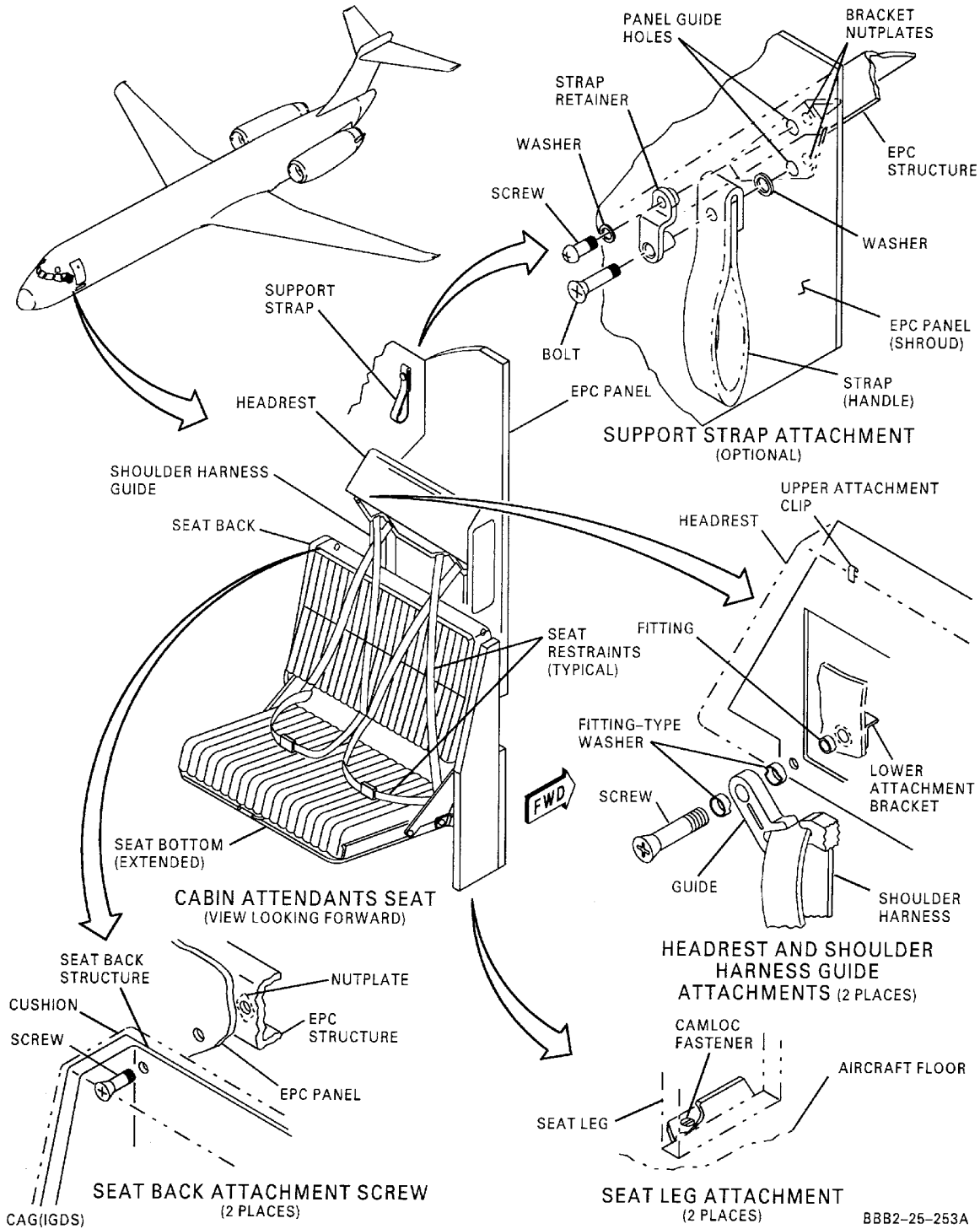
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**Forward Cabin Attendants' Seat
Figure 201/25-23-01-990-801**

EFFECTIVITY
WJE 422 PRE DC9-25-255

25-23-01

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BBB2-25-253A

**Forward Cabin Attendants' Seat
 Figure 202/25-23-01-990-802**

EFFECTIVITY

WJE 401-412, 414-421, 423-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893; WJE 422 POST DC9-25-255

TP-80MM-WJE

25-23-01

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FORWARD CABIN ATTENDANT'S SEAT - ADJUSTMENT/TEST

1. General

- A. This procedure contains MSG-3 task card data.

TASK 25-23-01-710-801

2. Operational Check of the FWD Cabin Flight Attendant Seat Shoulder Harness/Inertial Reel

A. **FWD Cabin Flight Attendant Seat Shoulder Harness/Inertial Reel Operational Check**

SUBTASK 25-23-01-710-001

- (1) Do an operational check of shoulder harness by pulling out and releasing several times. Make sure harness does not drag or bind and can be moved smoothly throughout full travel.
- (2) Make sure inertial reel locks automatically when a sudden load is applied.

B. **Job Close-up**

SUBTASK 25-23-01-942-003

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

TASK 25-23-01-720-801

3. Functional Check of the Forward Cabin Attendant Seat Belt Attach Bolt for Proper Torque

A. **Forward Cabin Attendant Seat Belt Attach Bolt Functional Check for Proper Torque**

SUBTASK 25-23-01-720-001

- (1) Do a functional check of the bolt for correct torque value.
- (2) For castellated nuts, check for cotter pin proper installation.
- (3) Check each shackle assembly for freedom of movement.

B. **Job Close-up**

SUBTASK 25-23-01-942-002

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

TASK 25-23-01-720-802

4. Functional Check of the Folding Fwd Attendant Hydraulic/Pneumatic Seat Snubber

A. **Folding Fwd Attendant Hydraulic/Pneumatic Seat Snubber Functional Check**

SUBTASK 25-23-01-720-002

- (1) Pull seat bottom to extended position and release.
- (2) Make sure seat retracts (folds) to closed position, with slight drag of seat slides, in approximately 3 ½ seconds.

B. **Job Close-up**

SUBTASK 25-23-01-942-006

- (1) Remove all the tools and equipment from the work area. Make sure the work area is clean.

————— **END OF TASK** —————

EFFECTIVITY
WJE ALL

25-23-01

TP-80MM-WJE

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FORWARD CABIN ATTENDANT'S SEAT - INSPECTION/CHECK

1. General

- A. This procedure contains MSG-3 task card data.

TASK 25-23-01-211-801

2. Detailed Inspection of the Forward Cabin Attendant Seat for Attachment and Locking to Structure

A. Prepare for the Forward Cabin Attendant Seat Attaching and Locking to Structure Detailed Inspection

SUBTASK 25-23-01-840-001

- (1) Place and hold seat bottom in down (extended) position for access to floor attachments.

SUBTASK 25-23-01-020-001

- (2) Remove back cushion for access to attachment screws at outboard top corners of seat back.

NOTE: Back cushion is secured to seat frame with velcro tape and snap fasteners.

B. Forward Cabin Attendant Seat Attachment and Locking to Structure Detailed Inspection

SUBTASK 25-23-01-211-001

- (1) Do a detailed inspection of the screws attaching seat back frame to EPC panel are not missing and secure.

SUBTASK 25-23-01-211-002

- (2) Do a detailed inspection of the camloc fastener on each seat leg are not missing and secure.

C. Job Close-up

SUBTASK 25-23-01-420-001

- (1) Install the back cushion.

NOTE: Back cushion is secured to seat frame with velcro tape and snap fasteners.

SUBTASK 25-23-01-840-002

- (2) Allow seat bottom to fold in up (stowed) position.

SUBTASK 25-23-01-942-001

- (3) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

TASK 25-23-01-211-802

3. Detailed Inspection of the Fwd Cabin Attendant Seat Hydraulic/Pneumatic Snubber

A. Fwd Cabin Attendant Seat Hydraulic/Pneumatic Snubber Detailed Inspection

SUBTASK 25-23-01-211-003

- (1) Do a detailed inspection of the snubber for leaks, security, wear and loose or missing hardware.

B. Job Close-up

SUBTASK 25-23-01-942-005

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

EFFECTIVITY
WJE ALL

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AFT CABIN ATTENDANT'S SEAT - DESCRIPTION AND OPERATION

1. General

- A. The aft cabin attendant's double seat is recessed into the aft passenger entrance door and faces forward.

2. Aft Cabin Attendant's Seat

A. Description

- (1) Seat Cushions and Headrests - The back cushion and padded headrests for the seat are secured to the aft passenger entrance door. When not in use, or during operation of the aft passenger entrance door, the seat bottom with cushion folds upward into the recess provided in the door.
- (2) Seat Restraints - Individual seat belts and shoulder harness restraints with belt retractors are attached to the aft passenger entrance door, and provided for the two occupants of the seat.
- (3) Intercommunication Panel - An intercommunication panel for the attendants is installed on the aisle side of the left lavatory.
- (4) Lifevests - Two lifevests for the aft attendants are stowed adjacent to the seat at floor level.

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WJE ALL

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AFT CABIN ATTENDANT'S SEAT - MAINTENANCE PRACTICES

1. General

- A. This section provides procedures for removal and installation of the cabin attendant's seat from the forward side of the aft passenger entrance door with door in closed position. (Figure 201 or Figure 202) For removal/installation of seat fold-up spring, refer to Approved Repairs in Paragraph 4..

2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed item.

Table 201

Name and Number	Manufacturer
Spring loading tool(Figure 203)	

3. Removal/Installation Aft Cabin Attendant's Seat

A. Remove Seat

- (1) Remove seat bottom and seat back cushions.

NOTE: Cushions for the seat back are held in place with Velcro tape and are hand removable.

- (2) Remove upper panel from forward side of ventral door. Panel is secured to door frame with attachment bolts.
- (3) Remove shoulder strap restraint harness and inertia reel attachments from upper portion of ventral door.

WJE 422 PRE DC9-25-255

- (4) Disconnect seat belt restraint harness attachments from lower portion of ventral door.

WJE 401-412, 414-421, 423-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893; WJE 422 POST DC9-25-255

- (5) Disconnect seat belt and shoulder strap restraint harness attachments from lower portion of ventral door.

WJE ALL

- (6) Remove restraint harness from ventral door.
- (7) Disconnect upper end of hydraulic snubber at bearing.
- (8) Attach piece of nylon cord to hook on fold-up spring and pull hook from pin on link.
- (9) Unhook spring on other side of seat in same manner.
- (10) Remove lower link attach bolts.
- (11) Remove upper link attach bolts.
- (12) Remove seat from door.
- (13) If seat fold-up spring removal from aft entrance door structure is required, refer to spring removal in Paragraph 4.A..
- (14) If required, remove attachment screws securing headrest cushions and door handle cover to ventral door. Remove cushions and cover.

B. Install Seat

- (1) If seat fold-up spring installation on aft entrance door structure is required, refer to spring installation in Paragraph 4.B..

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WJE ALL

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- (2) Hold seat in place and install lower link attach bolts with spring, disc, link and bushing assembled as shown. (Figure 201 or Figure 202)
- (3) Attach piece of nylon cord to hook on fold-up spring and pull spring up until hook can be placed on pin.
- (4) Hook spring on other side of seat in same manner.
- (5) Install and tighten upper link attach bolts.
- (6) Loosen upper link attach nut, rotate hex-head eccentric bushing for best working position in link and tighten nut.
- (7) Attach upper end of hydraulic snubber.

NOTE: If adjustment is required, loosen upper end jamnut and rotate upper bearing.

WJE 422 PRE DC9-25-255

- (8) Install seat belt restraint harness attachments to lower portion of ventral door.

WJE 401-412, 414-421, 423-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893; WJE 422 POST DC9-25-255

- (9) On aircraft with SB 25-255 incorporated, install seat belt and shoulder strap restraint harness attachments to lower portion of ventral door.

WJE ALL

- (10) Check condition of seat belt bungee cord. If frayed or damaged, replace with new cord. If missing, install as required.
- (11) Install shoulder strap restraint harness and inertia reel attachments to upper portion of ventral door.
- (12) If removed, secure headrest cushions and door handle cover to ventral door with attachment screws as required.
- (13) Install upper panel to ventral door and secure panel with attachment screws.

WARNING: DOOR HANDLE COVER MUST BE SECURED IN UP POSITION TO PREVENT INADVERTENT USE OF EMERGENCY HANDLE (CAUSING TAILCONE TO JETTISON).

- (14) Check that emergency handle is in closed position on aft entrance passenger door; then, secure door handle cover in up position. (Figure 201 or Figure 202)
- (15) Install seat back and seat bottom cushions.
- (16) Check overall seat condition for excessive wear or looseness, particularly at link pivot points.

NOTE: After any maintenance of seat, seat bottom must automatically retract to full upright position without assistance from occupant.

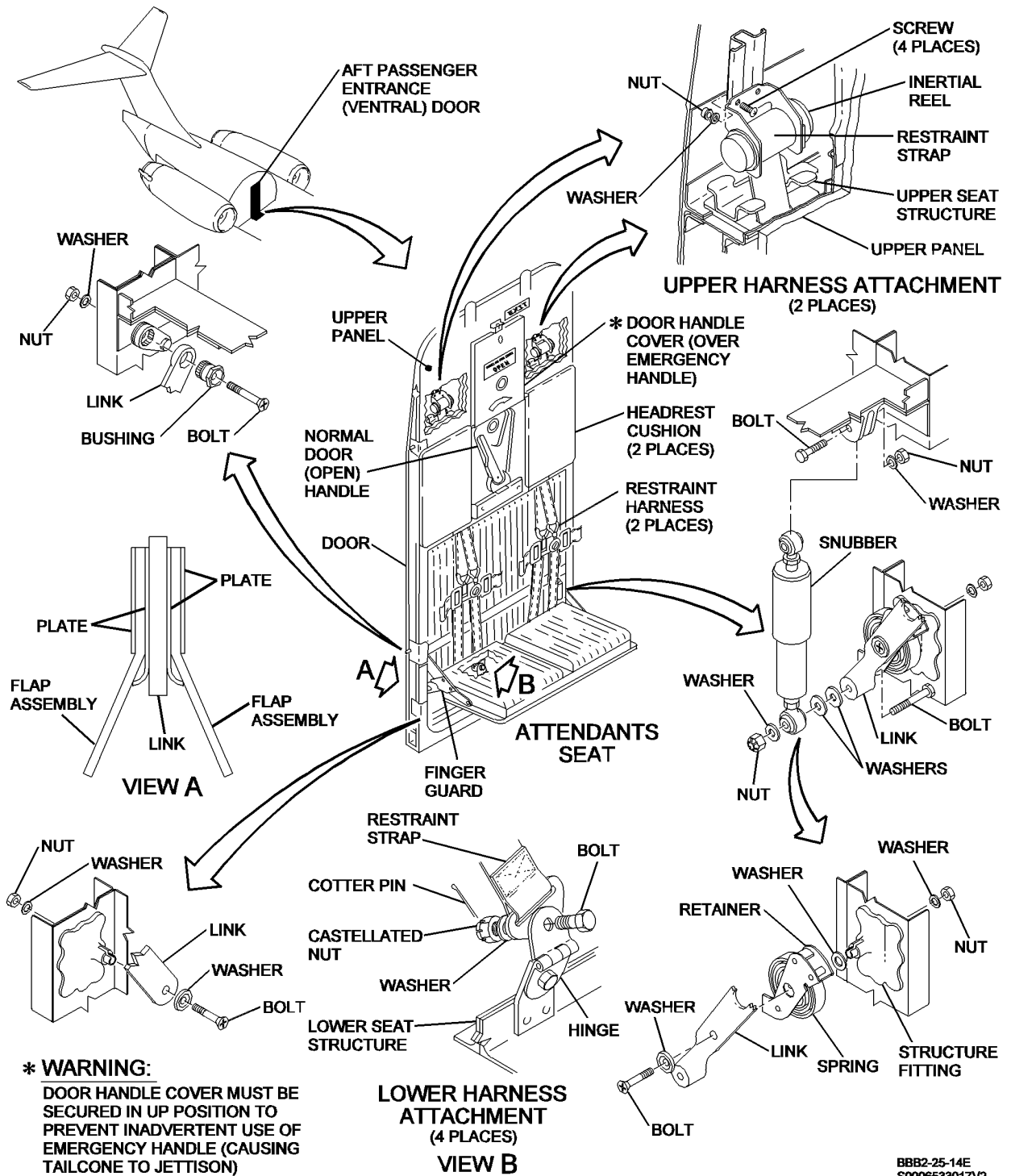
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*** WARNING:**
DOOR HANDLE COVER MUST BE SECURED IN UP POSITION TO PREVENT INADVERTENT USE OF EMERGENCY HANDLE (CAUSING TAILCONE TO JETTISON)

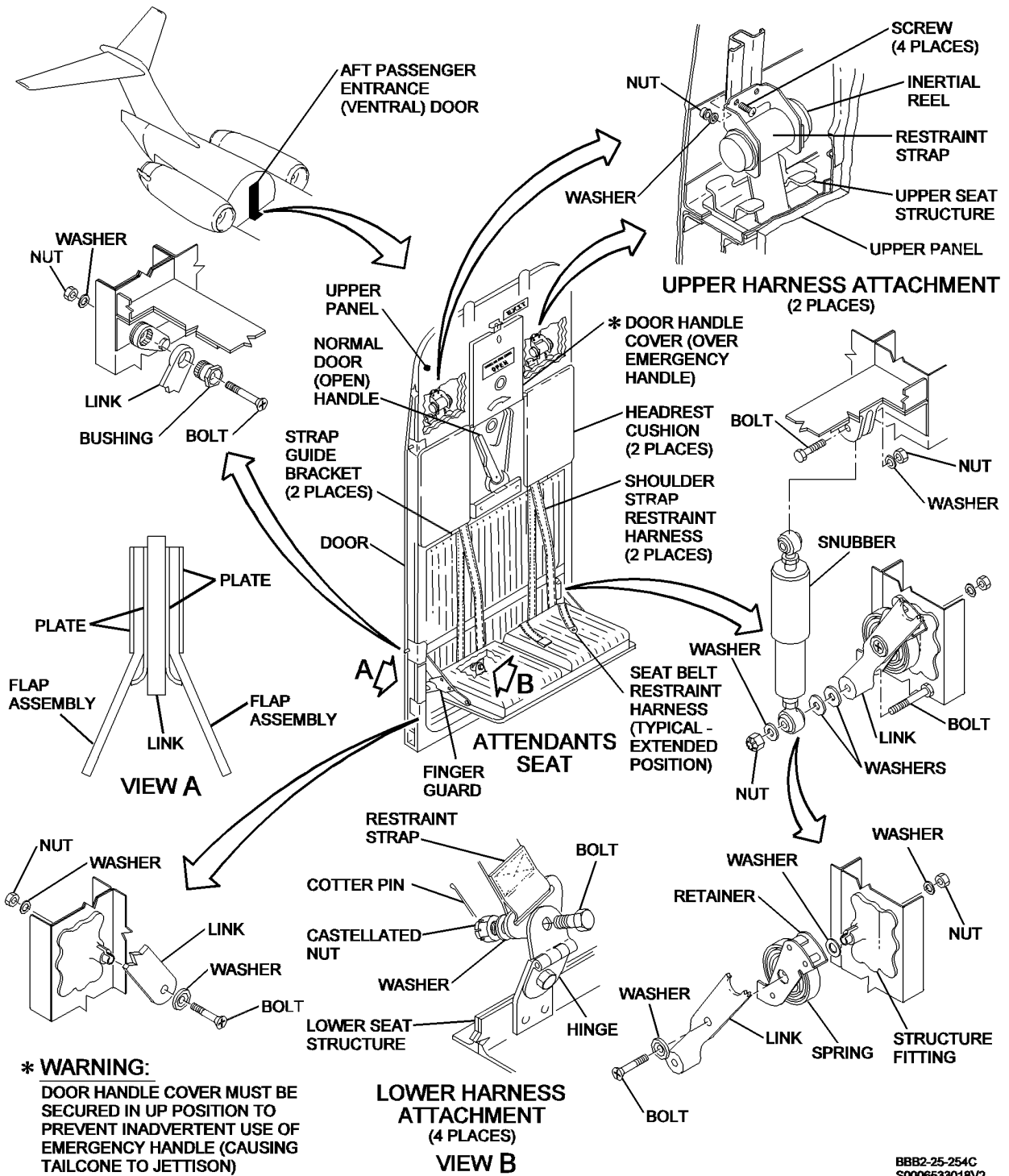
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**Aft Cabin Attendant's Seat
Figure 201/25-23-02-990-801**

EFFECTIVITY
WJE 401-412, 414-421, 423-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893; WJE 422 POST DC9-25-255

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Aft Cabin Attendant's Seat
Figure 202/25-23-02-990-805

EFFECTIVITY
WJE 422 PRE DC9-25-255

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4. Approved Repairs Aft Cabin Attendant Seat

WARNING: FOLD-UP SPRING IS UNDER TENSION; USE CARE WHEN HANDLING SPRING.

A. Remove Fold-Up Spring

- (1) Remove retainer, spring, and washer from aft entrance door structure fitting as follows:

NOTE: Retainer and spring are secured to structure fitting with link, washers, bolt, and nut.
(Figure 201 or Figure 202)

- (a) Install spring loading tool on fitting in aft service door and secure loading tool with $\frac{1}{4}$ by 28 (M6 x 0.75) bolt per Step 1, (Figure 203, Figure 204)

NOTE: Spring loading tool must be in loaded position with $\frac{1}{4}$ -inch (6.35 mm) diameter pin installed.

- (b) Slide retainer and spring onto spring loading tool.
(c) Remove $\frac{1}{4}$ by 28 (M6 x 0.75) bolt from structure fitting; then, remove loading tool with retainer and spring attached from aft entrance door.
(d) Remove washer from structure fitting.

WARNING: FOLD-UP SPRING IS UNDER TENSION. USE CARE WHEN HANDLING SPRING.

- (2) Remove retainer and spring from loading tool as follows:

- (a) Place spring loading tool in vise per Step 2, Figure 204.
(b) Using $\frac{1}{2}$ -inch (12.7 mm) open-end wrench, slowly turn shaft on loading tool clockwise to unload $\frac{1}{4}$ -inch (6.35 mm) diameter pin. Retain pressure on shaft, remove pin from loading tool, and slowly turn shaft counterclockwise to unload spring; then, remove wrench from shaft.
(c) Remove retainer and spring from loading tool.
(d) Remove spring loading tool from vise.

B. Install Fold-Up Spring

- (1) Install retainer, spring, and washer on aft entrance door structure fitting as follows:

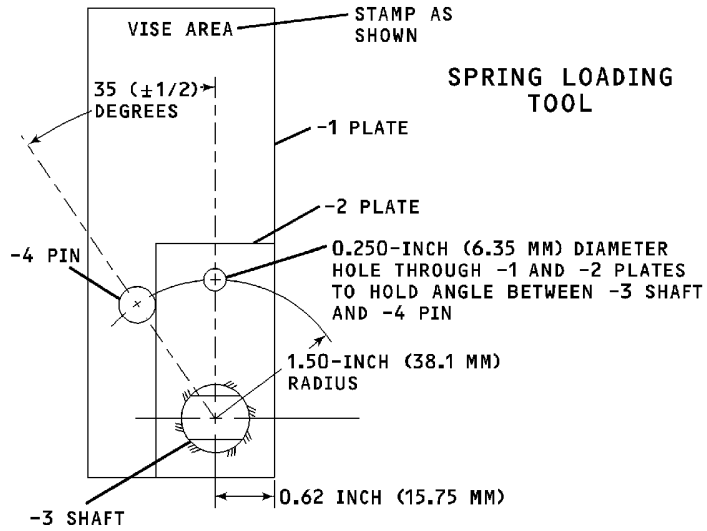
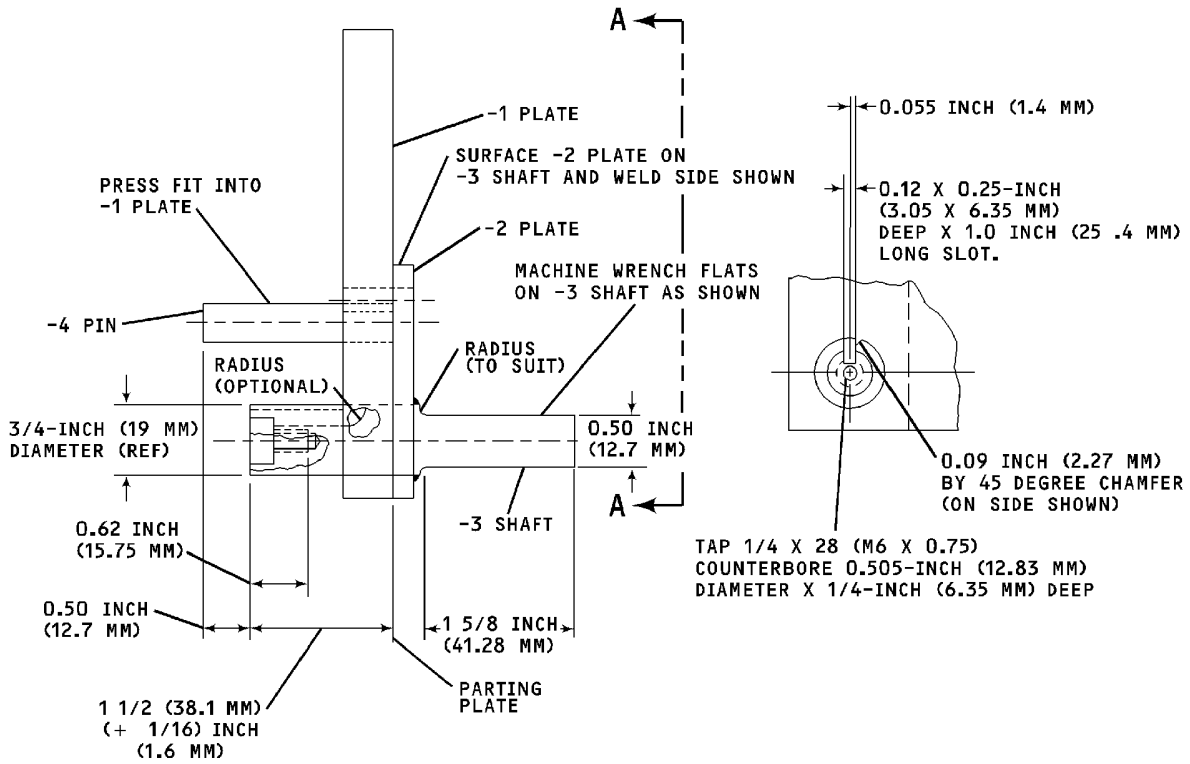
- (a) Install spring in retainer and install retainer on spring loading tool per Step 1. (Figure 205)

NOTE: For data on spring loading tool, refer to Figure 203.

- (b) Install spring loading tool in vise. Using $\frac{1}{2}$ -inch open-end wrench, slowly turn shaft clockwise to load spring. Install $\frac{1}{4}$ -inch (6.35 mm) diameter pin into loading tool to lock spring in loaded position per Step 2. (Figure 205)
(c) Install washer on structure fitting at aft entrance door.
(d) Install spring loading tool on structure fitting and secure loading tool with $\frac{1}{4}$ by 28 (M6 x 0.75) bolt per Step 3. (Figure 205)
(e) Slide retainer and spring onto structure fitting at aft entrance door per Step 4. (Figure 205)
(f) Remove $\frac{1}{4}$ by 28 (M6 x 0.75) bolt from spring loading tool and remove loading tool from structure fitting per Step 5. (Figure 205)

NOTE: Retainer and spring are secured to structure fitting with link, washers, bolt and nut. (Figure 201 or Figure 202)

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MATERIAL LIST	
-1 PLATE	1/2 X 2 X 11 INCHES (12.7 X 6.35 MM) (HOT ROLLED STEEL)
-2 PLATE	1/4 X 1 1/4 X 2 1/2 INCHES (6.35 X 31.7 X 63.5 MM) (HOT ROLLED STEEL)
-3 SHAFT	3/4-INCH (19 MM) DIA X 3 1/2-INCHES (88.9 MM) (COLD ROLLED STEEL)
-4 PIN	3/8-INCH (9.6 MM) DIA X 2-INCHES (50.8 MM) (COLD ROLLED STEEL)

**VIEW A-A
TOOL ROTATED 90 DEGREES**

CAG(IGDS)

BBB2-25-342B

**Spring Loading Tool -- Fabrication Figure 202
Figure 203/25-23-02-990-802**

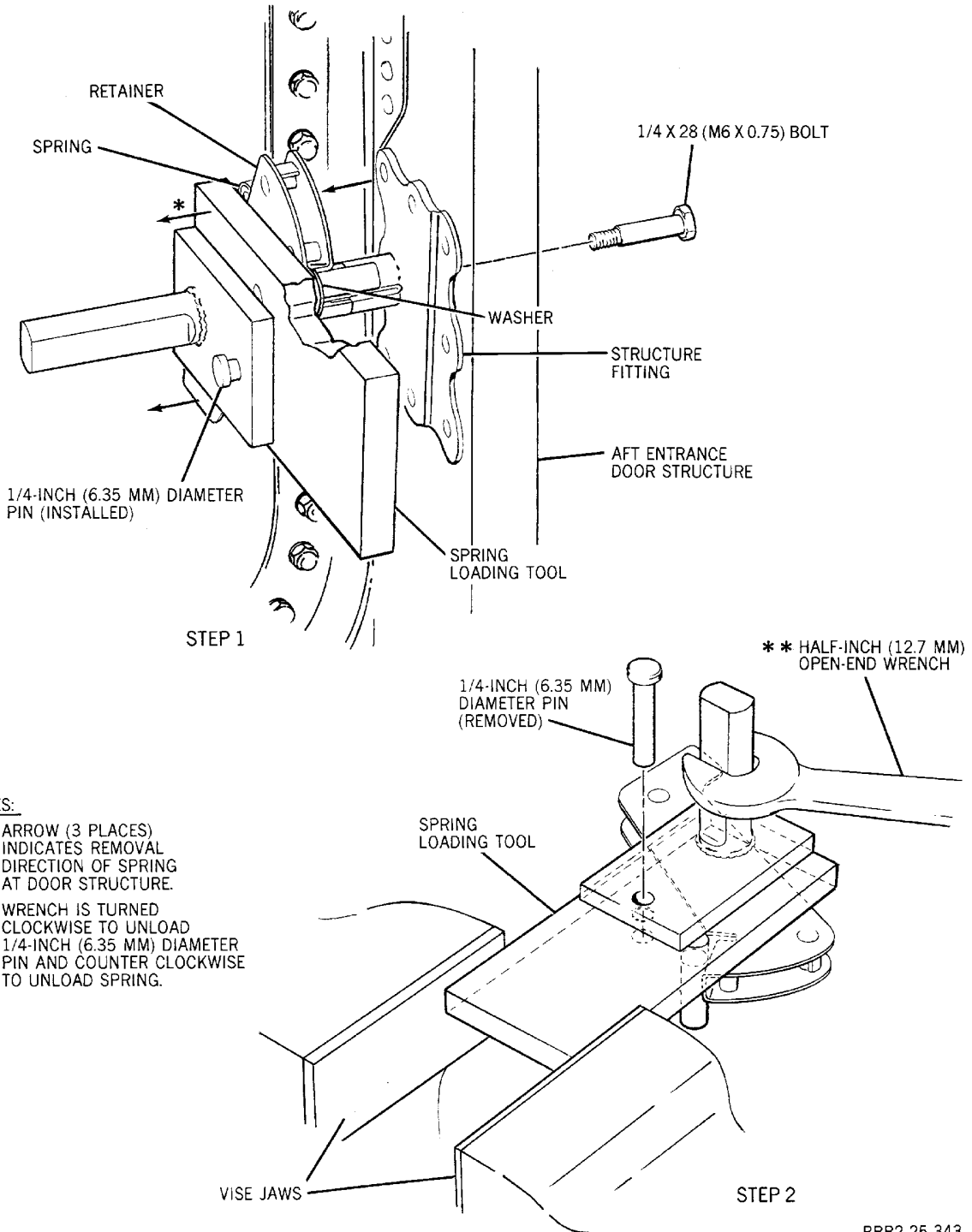
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NOTES:

- * 1. ARROW (3 PLACES) INDICATES REMOVAL DIRECTION OF SPRING AT DOOR STRUCTURE.
- ** 2. WRENCH IS TURNED CLOCKWISE TO UNLOAD 1/4-INCH (6.35 MM) DIAMETER PIN AND COUNTER CLOCKWISE TO UNLOAD SPRING.

BBB2-25-343

**Aft Cabin Attendant's Seat -- Spring Removal Figure 203
Figure 204/25-23-02-990-803**

EFFECTIVITY
WJE ALL

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5. Check Aft Cabin Attendant's Seat and Shoulder Harness

- A. Check Seat Belt Attach Bolts
 - (1) Check seat belt attach bolts per manufacturer's specifications for following:
 - (a) Correct part number bolt is installed in each seat belt attachment.
 - (b) Bolts are torqued to correct value.
- B. Check Shackle Assembly
 - (1) Check each shackle assembly for freedom of movement.
- C. Operational Check of Shoulder Harness
 - (1) Do an operational check of shoulder harness (all positions).
 - (a) Make sure harness can be moved smoothly throughout full travel.
 - (b) Make sure inertia reels lock automatically when sudden load is applied.

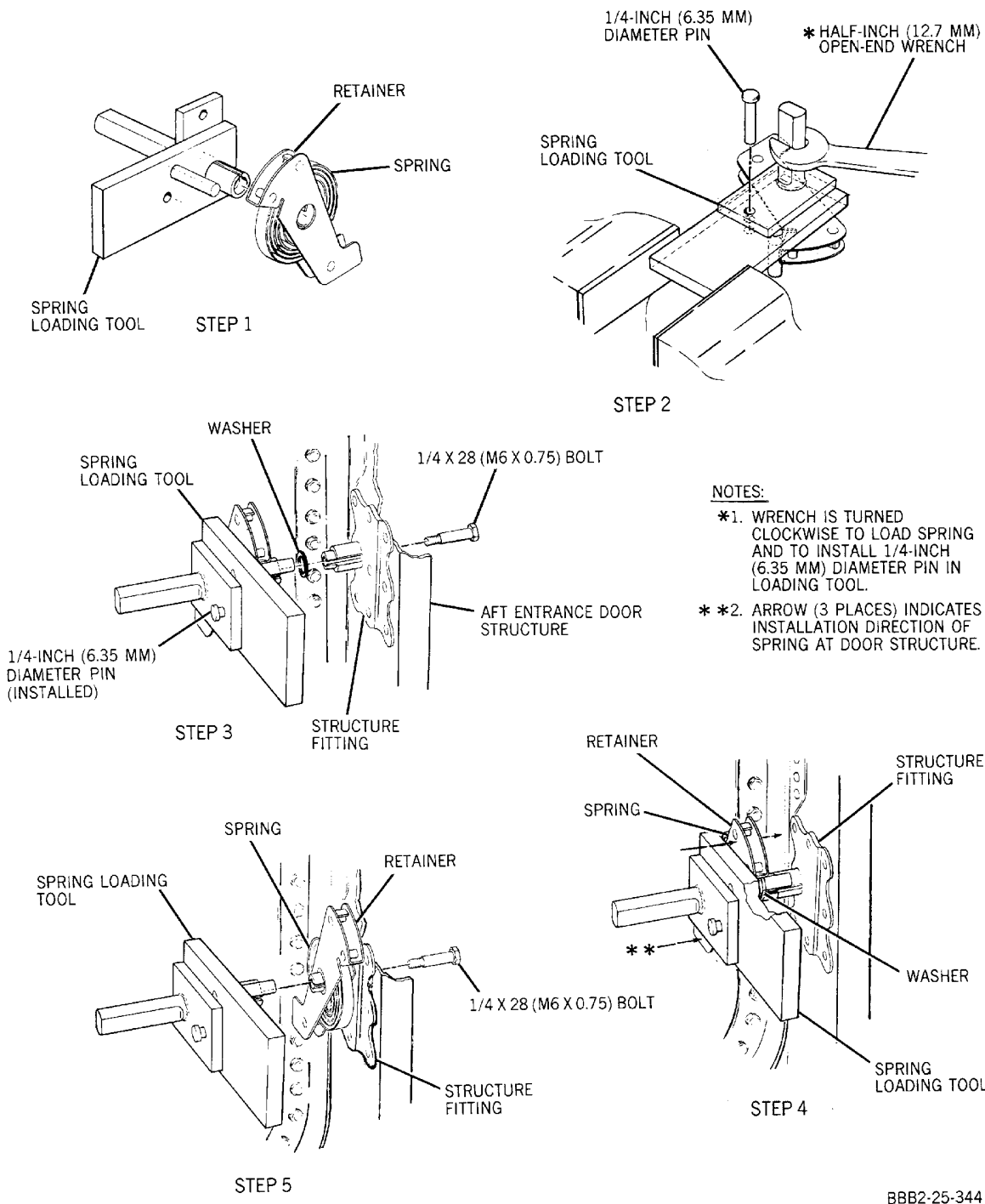
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**Aft Cabin Attendant's Seat -- Spring Installation Figure 204
Figure 205/25-23-02-990-804**

EFFECTIVITY
WJE ALL

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TP-80MM-WJE

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6. Inspection of Attendant Hydraulic/Pneumatic Seat Snubber

A. Inspect Folding Attendant Hydraulic/Pneumatic Seat Snubber

- (1) Pull seat bottom to extended position and release.
 - (a) Seat should retract (fold) to closed position, with slight drag of seat slides, in approximately 3 ½ seconds.
- (2) If required, adjust seat-retracting time by turning rate adjustment nut at top of retractor cylinder.
 - (a) Adjustment nut is accessible through access door at base of seat shroud.
- (3) If adjustment was required, repeat step Paragraph 6.A.(1).

EFFECTIVITY
WJE ALL

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AFT CABIN ATTENDANT'S SEAT - ADJUSTMENT/TEST

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-23-02-710-801

2. Operational Check of the Aft Cabin Flight Attendant Seat Shoulder Harness/Inertial Reel

A. Aft Cabin Flight Attendant Seat Shoulder Harness/Inertial Reel Operational Check

SUBTASK 25-23-02-710-001

- (1) Do an operational check of shoulder harness by pulling out and releasing several times. Make sure harness does not drag or bind and can be moved smoothly throughout full travel.
- (2) Make sure inertial reel locks automatically when a sudden load is applied.

B. Job Close-up

SUBTASK 25-23-02-942-005

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

TASK 25-23-02-720-801

3. Functional Check of the Aft Cabin Attendant Seat Belt Attach Bolt for Proper Torque

A. Aft Cabin Attendant Seat Belt Attach Bolt Functional Check for Proper Torque

SUBTASK 25-23-02-720-001

- (1) Do a functional check of the bolt for correct torque value.
- (2) For castellated nuts, check for cotter pin proper installation.
- (3) Check each shackle assembly for freedom of movement.

B. Job Close-up

SUBTASK 25-23-02-942-002

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

TASK 25-23-02-720-802

4. Functional Check of the Folding Aft Attendant Hydraulic/Pneumatic Seat Snubber

A. Folding Aft Attendant Hydraulic/Pneumatic Seat Snubber Functional Check

SUBTASK 25-23-02-720-002

- (1) Pull seat bottom to extended position and release.
- (2) Make sure seat retracts (folds) to closed position, with slight drag of seat slides, in approximately 3 ½ seconds.

B. Job Close-up

SUBTASK 25-23-02-942-006

- (1) Remove all the tools and equipment from the work area. Make sure the work area is clean.

————— **END OF TASK** —————

EFFECTIVITY
WJE ALL

25-23-02

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AFT CABIN ATTENDANT'S SEAT - INSPECTION/CHECK

1. General

- A. This procedure contains MSG-3 task card data.

TASK 25-23-02-211-801

2. Detailed Inspection of the Aft Cabin Attendant Seat for Attaching and Locking to Structure

A. **Prepare for the Aft Cabin Attendant Seat Attaching and Locking to Structure Detailed Inspection**

SUBTASK 25-23-02-020-001

- (1) Remove seat bottom and seat back cushions.

B. **Aft Cabin Attendant Seat Attachment and Locking to Structure Detailed Inspection**

SUBTASK 25-23-02-211-001

- (1) Do a detailed inspection of the upper and lower links attachment bolts, nuts and washers are not missing and secure.

NOTE: To gain access to the hardware, seat bottom can be moved through different angles.

C. **Job Close-up**

SUBTASK 25-23-02-420-001

- (1) Install seat bottom and seat back cushions.

SUBTASK 25-23-02-942-001

- (2) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

TASK 25-23-02-211-802

3. Detailed Inspection of the Aft Attendant Seat Hydraulic/Pneumatic Snubber

A. **Aft Attendant Seat Hydraulic/Pneumatic Snubber Detailed Inspection**

SUBTASK 25-23-02-211-002

- (1) Do a detailed inspection of the snubber for leaks, security, wear and loose or missing hardware.

B. **Job Close-up**

SUBTASK 25-23-02-942-004

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

EFFECTIVITY
WJE ALL

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AFT SERVICE ENTRY CABIN ATTENDANT SEAT - DESCRIPTION AND OPERATION

1. General

WJE 401-404, 412, 414, 886, 887

- A. The aft service entry cabin attendant seat faces aft and is installed on the aft side of the aft service door windscreen.

WJE 401-404, 412, 414

- B. A single seat (without an intercommunication panel), also facing aft, is installed on the aft side of the G3 galley unit.

WJE 875-879

- C. Two aft service entry cabin attendant seats are installed on the aft side of the aft service door windscreen. The seats are identical, utilize the same intercommunication panel and oxygen compartment, and face aft on the windscreen.

WJE 873, 874, 892, 893

- D. The aft service entry cabin attendant seat faces forward and is installed on the inboard (aisle) side of the G4 galley unit.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- E. The aft service entry cabin attendant seat faces forward and is installed on the inboard (aisle) side of the G5 galley unit.

WJE 405, 406, 409, 410, 883, 884

- F. The aft service entry cabin attendant seat faces forward and is installed on the inboard (aisle) side of the G4 galley unit.

WJE 407, 408, 411, 880, 881

- G. The aft service entry attendant seat faces aft and is installed on the aft side of the aft service door windscreen.

WJE ALL

2. Aft Service Entry Cabin Attendant Seat

- A. Description

WJE 873, 874, 892, 893

- (1) Seat - The attendant seat is a unit consisting of a back cushion and seat cushion, and is spring-loaded into the upward or stowed position. Movement of the seat downward and raising the seatback locks the seat in the usable position. The seat returns to the stowed position automatically when not in use. As the occupant rises, after releasing the seat belt and shoulder harness restraint, the seatback is folded down and the seat bottom folds upward against the galley. The unit is secured to the inboard side of the G4 galley with attachment screws.

EFFECTIVITY
WJE ALL

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WJE 886, 887

- (2) Seat - The attendant seat is a unit consisting of a partition, headrest, back cushion, seat cushion, intercommunication panel, and oxygen compartment. The seat cushion is spring-loaded into the upward or stowed position. Movement of the seat downward into the usable position results in the automatic elevation of the headrest. The seat returns to the stowed position automatically when not in use. As the occupant rises, after releasing the seat belt and shoulder harness restraint, the seatback remains stationary, the seat bottom folds upward against the back, and the headrest retracts into the seatback. The unit is secured to the cabin floor seat tracks with attachment bolts.

WJE 401-404, 412, 414

- (3) Seat - The attendant seat, one attached to the aft service door windscreen and one to the G3 galley unit consists of a headrest, back cushion, and a seat cushion which is spring-loaded into the upward or stowed position. Movement of the seat downward in the usable position results in the automatic elevation of the headrest. The seat returns to the stowed position automatically when not in use. As the occupant rises, after releasing the seat belt and shoulder harness restraint, the seatback remains stationary, the seat bottom folds upward against the seatback, and the headrest retracts against the seatback. The seats are secured to the aft side of the windscreen and G3 galley unit with attachment screws.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (4) Seat - The attendant seat is a unit consisting of a back cushion and seat cushion, and is spring-loaded into the upward or stowed position. Movement of the seat downward and raising the seatback locks the seat in the usable position. The seat returns to the stowed position automatically when not in use. As the occupant rises, after releasing the seat belt and shoulder harness restraint, the seatback is folded down and the seat bottom folds upward against the galley. The unit is secured to the inboard side of the G5 galley with attachment screws.

WJE 875-879, 886, 887

- (5) Seat - The attendant seat, attached to the aft service door windscreen is a unit consisting of a headrest, back cushion, and a seat cushion which is spring-loaded into the upward or stowed position. Movement of the seat downward in the usable position results in the automatic elevation of the headrest. The seat returns to the stowed position automatically when not in use. As the occupant rises, after releasing the seat belt and shoulder harness restraint, the seatback remains stationary, the seat bottom folds upward against the seatback, and the headrest retracts against the seatback. The unit is secured to the aft side of the windscreen with attachment screws.

WJE 405, 406, 409, 410, 884

- (6) The attendant seat is a unit consisting of a back cushion and seat cushion, and is spring-loaded into the upward or stowed position. Movement of the seat downward and raising the seatback locks the seat in the usable position. The seat returns to the stowed position automatically when not in use. As the occupant rises, after releasing the seat belt and shoulder harness restraint, the seatback is folded down and the seat bottom folds upward against the galley. The unit is secured to the inboard side of the G4 galley with attachment screws.

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WJE 407, 408, 411

- (7) The attendant seat, attached to the aft service door windscreen, is a unit consisting of a headrest, back cushion, and a seat cushion which is spring-loaded into the upward or stowed position. Movement of the seat downward in the usable position results in the automatic elevation of the headrest. The seat returns to the stowed position automatically when not in use. As the occupant rises, after releasing the seat belt and shoulder harness restraint, the seatback remains stationary, the seat bottom folds upward against the seatback, and the headrest retracts against the seatback. The unit is secured to the aft side of the windscreen with attachment screws.

WJE 883

- (8) Seat - The attendant seat is a unit consisting of a back cushion and seat cushion, and is spring-loaded into the upward or stowed position. Movement of the seat downward and raising the seatback locks the seat in the usable position. The seat returns to the stowed position automatically when not in use. As the occupant rises, after releasing the seat belt and shoulder harness restraint, the seatback is folded down and the seat bottom folds upward against the galley. The unit is secured to the inboard side of the G4 galley with attachment screws.

WJE 880, 881

- (9) Seat - The attendant seat, attached to the aft service door windscreen, is a unit consisting of a headrest, back cushion, and a seat cushion which is spring-loaded into the upward or stowed position. Movement of the seat downward in the usable position results in the automatic elevation of the headrest. The seat returns to the stowed position automatically when not in use. As the occupant rises, after releasing the seat belt and shoulder harness restraint, the seatback remains stationary, the seat bottom folds upward against the seatback, and the headrest retracts against the seatback. The unit is secured to the aft side of the windscreen with attachment screws.

WJE 405-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (10) Seat Restraints - A seat belt and shoulder harness restraint is provided for the occupant of the seat.

WJE 401-404, 412, 414

- (11) Seat Restraints - A seat belt and shoulder harness restraint is provided for the occupant of the seat at the windscreen and at the G3 galley unit.

WJE 401-404, 412, 414, 886, 887

- (12) Intercommunication panel - An intercommunication (control) panel for the cabin attendant is installed outboard and adjacent to the seat just above the oxygen compartment, on the aft side of the aft service door windscreen. Wiring to the panel is routed from the floor through the oxygen compartment into the control panel.

WJE 405, 406, 409, 410, 884

- (13) Intercommunication Panel - an intercommunication panel for the cabin attendant is installed adjacent to the seat, on the inboard side of the G4 galley unit.

WJE 407, 408, 411

- (14) Intercommunication Panel- an intercommunication (control) panel for the cabin attendant is installed outboard and adjacent to the seat just above the oxygen compartment, on the aft side of the aft service door windscreen. Wiring to the panel is routed from the floor through the oxygen compartment into the control panel.

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WJE 883

- (15) Intercommunication Panel - An intercommunication panel for the cabin attendant is installed adjacent to the seat, on the inboard side of the G4 galley unit. Wiring to the panel is routed from the floor through the oxygen compartment into the control panel.

WJE 880, 881

- (16) Intercommunication Panel - An intercommunication (control) panel for the cabin attendant is installed outboard and adjacent to the seat just above the oxygen compartment, on the aft side of the aft service door windscreen. Wiring to the panel is routed from the floor through the oxygen compartment into the control panel.

WJE 873, 874, 892, 893

- (17) Intercommunication Panel - An intercommunication panel for the cabin attendant is installed adjacent to the seat, on the inboard side of the G4 galley unit.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (18) Intercommunication Panel - An intercommunication panel for the cabin attendant is installed adjacent to the seat, on the inboard side of the G5 galley unit.

WJE 875-879

- (19) Intercommunication Panel - An intercommunication (control) panel for the seat occupant is installed between the seats just above the oxygen compartment, on the aft side of the aft service door windscreen. Wiring to the panel is routed from the floor through the oxygen compartment into the control panel.

WJE 875-879, 886, 887

- (20) Life Vests - A life vest for the attendant is stowed in a stowage compartment under the seat, on the aft side of the aft service door windscreen.

WJE 401-404, 412, 414

- (21) Life Vests - A life vest for the attendant is stowed in a stowage compartment under the seat, on the aft side of the aft service door windscreen and on the aft side of the G3 galley unit.

WJE 405, 406, 409, 410, 884

- (22) Life Vests - A life vest for the attendant is stowed in a pouch installed adjacent to the seat, on the inboard side of the G4 galley unit.

WJE 407, 408, 411

- (23) Life Vests - A life vest for the attendant is stowed in a stowage compartment under the seat, on the aft side of the aft service door windscreen.

WJE 883

- (24) Life Vests - A life vest for the attendant is stowed in a pouch installed adjacent to the seat, on the inboard side of the G4 galley unit.

WJE 880, 881

- (25) Life Vests - A life vest for the attendant is stowed in a stowage compartment under the seat, on the aft side of the aft service door windscreen.

WJE 873, 874, 892, 893

- (26) Life Vests - A life vest for the attendant is stowed in a pouch installed adjacent to the seat, on the inboard side of the G4 galley unit.

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WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (27) Life Vests - A life vest for the attendant is stowed in a pouch installed adjacent to the seat, on the inboard side of the G5 galley unit.

WJE 401-404, 412, 414

- (28) Door Guard - A door guard is installed on the windscreen to prevent possible damage to the cabin attendants oxygen compartment and control panel by the aft service door.

WJE 886, 887

- (29) Door Guard - A door guard is installed on the windscreen to prevent possible damage to the cabin attendants oxygen compartment and control panel by the aft service door.

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AFT SERVICE ENTRY CABIN ATTENDANT SEAT - MAINTENANCE PRACTICES

1. General

WJE 407, 408, 411, 880, 886, 887

- A. This section provides procedures for removal and installation of the cabin attendant seat installed on the aft side of the windscreen, just forward of the aft galley service door. The seat belt and shoulder harness does not have to be removed during removal/installation procedures.

WJE 401-404, 412, 414

- B. This section provides procedures for removal and installation of the cabin attendant seat installed on the aft side of the windscreen, just forward of the aft galley service door. These procedures are also applicable for the seat installed on the G3 galley except that seat does not have a control panel.

WJE 875-879

- C. This section provides procedures for removal and installation of each cabin attendant seat (2 places) installed on the aft side of the windscreen, just forward of the aft galley service door. The seat belt and shoulder harness does not have to be removed during removal/installation procedures.

WJE 405, 406, 409, 410, 873, 874, 881, 883, 884, 892, 893

- D. This section provides procedures for removal and installation of the cabin attendant seat installed on the inboard (aisle) side of the G4 galley unit, just aft of the aft galley service door. The seat belt and shoulder harness does not have to be removed during removal/installation procedures.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- E. This section provides procedures for removal and installation of the cabin attendant seat installed on the inboard (aisle) side of the G5 galley unit, just aft of the aft galley service door. The seat belt and shoulder harness does not have to be removed during removal/installation procedures.

WJE 401-404, 407, 408, 411, 412, 414, 875-880, 886, 887

2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed item.

Table 201

Name and Number	Manufacturer
NASM20995N32, DPM 684	Not specified
NASM20995C32, DPM 5865	Not specified

WJE ALL

3. Removal/Installation Aft Service Entry Cabin Attendant Seat

WJE 405, 406, 409, 410, 415-427, 429, 861-866, 868, 869, 871-874, 881, 883, 884, 891-893

- A. Remove Seat And Unit Partition
 - (1) Place attendant seat in forward facing position on inboard side of galley unit.
 - (2) Remove nuts, bolts, bushings, and associated washers, securing seat to seat bracket attachments (2 places) on galley unit. Remove seat from seat bracket.
 - (3) Remove screws (7 places) securing seat bracket to captive nuts on galley unit. Remove seat bracket from galley unit.

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WJE 405, 406, 409, 410, 415-427, 429, 861-866, 868, 869, 871-874, 881, 883, 884, 891-893 (Continued)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (4) Open these circuit breakers and install safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-376	AFT LEFT LAV MIRROR LIGHTS
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS
		B1-7	AFT RIGHT LAV MIRROR LIGHT

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 405, 406, 409, 415-427, 429, 861-866, 868, 869, 871-874, 881, 883, 884, 891-893			
A	8	B10-118	PASSENGER ADDRESS
WJE 410			
A	9	B10-118	PASSENGER ADDRESS

UPPER EPC, LEFT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 405, 409, 410, 873, 874, 884, 892, 893			
F	22	B10-117	PASSENGER ADDRESS

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 405, 406, 409, 410, 415-427, 429, 861-866, 868, 869, 871-874, 881, 883, 884, 891-893			
G	8	B10-65	SERVICE INTERPHONE

- (5) Remove screws (8 places) securing control panel to captive nuts on galley unit; then, carefully remove control panel and disconnect electrical connector from receptacle located inside galley unit. Secure connector to panel.

WJE 401-404, 407, 408, 411, 412, 414, 875-880, 886, 887

B. Remove Seat

- (1) Remove headrest and seatback cushions from attendant seat. Retain cushions for installation.
- (2) Open access door below seat and proceed as follows:
 - (a) Remove cotter pin, washer, and clevis pin securing seat retractor from retaining bar.
- (3) Place and hold seat in usable (down) position, as required.
- (4) Break lockwire and loosen captive screws (2 places) securing upper seatback to seat enclosure.

EFFECTIVITY
WJE ALL

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WJE 401-404, 407, 408, 411, 412, 414, 875-880, 886, 887 (Continued)

- (5) Pull upper seatback out from against enclosure; then, remove screws (6 places), one at each side of headrest and two at each side of backrest. Retain remaining two headrest screws at this time.
- (6) Allow seat to fold up against seatback and open access door below seat.
- (7) Open access door below seat and remove retaining bar from inboard gusset of aft side of windscreen as follows:
NOTE: Unless removed, retaining bar for seat retractor and harness reel will prevent separation of seat from windscreen gusset.
 - (a) Remove nut, washer, and bolt (2 places) securing harness reel to retaining bar.
 - (b) Remove screws (2 places each side) securing retaining bar to seat enclosure brackets.
 - (c) Remove retaining bar from hole provided in windscreen gusset. Retain seat components for installation.
- (8) Remove bolts (2 places) securing bottom of seat enclosure to windscreen. Close access door below seat.
- (9) Remove screws (2 places) securing top of seat enclosure to windscreen.
- (10) Remove seat with enclosure from windscreen.
NOTE: If seat is to be removed from area, retaining bar should be attached to seat enclosure. Also, seat retractor and harness reel should be attached to retaining bar.
- (11) If required, remove flashlight and bracket from windscreen. Flashlight bracket is secured to windscreen with screws (2 places) just above attendant's control panel.

WJE 875-879

- (12) If applicable, remove flashlights from windscreen. Flashlight brackets are secured to windscreen with screws (2 places) just right of each attendant's headrest.

WJE 401-404, 407, 408, 411, 412, 414, 875-880, 886, 887

- (13) If required, remove attendant's control panel from windscreen as follows:

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (a) Open these circuit breakers and install safety tags:

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
A	8	B10-118	PASSENGER ADDRESS

UPPER EPC, LEFT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 877, 880, 886, 887			
F	22	B10-117	PASSENGER ADDRESS

EFFECTIVITY WJE ALL

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MD-80 AIRCRAFT MAINTENANCE MANUAL

WJE 877, 880, 886, 887 (Continued)

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
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WJE 401-404, 407, 408, 411, 412, 414, 875-880, 886, 887

G	8	B10-65	SERVICE INTERPHONE
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- (b) Open oxygen compartment door and disconnect electrical connectors (3 places) from bottom of control panel.
- NOTE: Access hole in upper left side of oxygen compartment is provided so that door can be unlatched with pin.
- (c) Loosen captive screws (2 places) at top of control panel cover.
 - (d) Remove control panel cover by pulling top of cover out from windscreen and disengaging spring clip at bottom of cover from top of oxygen compartment.
 - (e) Remove screws (4 places) securing panel bracket to windscreen.
- (14) If required, remove oxygen compartment from windscreen as follows:
- (a) Verify that oxygen compartment door is open.
 - (b) Remove screws (4 places) securing compartment cover and bracket to windscreen.
- (15) If required, remove door guard and back up plates from windscreen as follows:
- (a) Remove screws and bolts (8 places) securing door guard and back up plates to windscreen.

NOTE: Door guard protects cabin attendants oxygen compartment and control panel from possible damage by aft service door.

WJE 405, 406, 409, 410, 415-427, 429, 861-866, 868, 869, 871-874, 881, 883, 884, 891-893

C. Install Seat and Control Panel

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Make sure that these circuit breakers are open and have safety tags:

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
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P	37	B1-8	CALL SYSTEM
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OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

WJE 405, 406, 409, 415-427, 429, 861-866, 868, 869, 871-874, 881, 883, 884, 891-893

A	8	B10-118	PASSENGER ADDRESS
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WJE 410

A	9	B10-118	PASSENGER ADDRESS
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UPPER EPC, LEFT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

WJE 405, 409, 410, 873, 874, 884, 892, 893

F	22	B10-117	PASSENGER ADDRESS
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WJE 405, 409, 410, 873, 874, 884, 892, 893 (Continued)

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

WJE 405, 406, 409, 410, 415-427, 429, 861-866, 868, 869, 871-874, 881, 883, 884, 891-893

G	8	B10-65	SERVICE INTERPHONE
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- (2) Place attendant control panel in approximate position and connect electrical connector to receptacle located inside galley unit.
- (3) Secure control panel to galley unit with screws (8 places).
- (4) Install seat bracket to inboard side of galley unit with screws (7 places).
- (5) Using nuts, bolts, bushings, and associated washers, secure seat to attachments (2 places) on seat bracket.
- (6) Check seat operation in forward facing position; then, place seat in stowed position against galley unit.
- (7) Remove the safety tags and close these circuit breakers:

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

P	37	B1-8	CALL SYSTEM
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OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

WJE 405, 406, 409, 415-427, 429, 861-866, 868, 869, 871-874, 881, 883, 884, 891-893

A	8	B10-118	PASSENGER ADDRESS
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WJE 410

A	9	B10-118	PASSENGER ADDRESS
---	---	---------	-------------------

UPPER EPC, LEFT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

WJE 405, 409, 410, 873, 874, 884, 892, 893

F	22	B10-117	PASSENGER ADDRESS
---	----	---------	-------------------

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

WJE 405, 406, 409, 410, 415-427, 429, 861-866, 868, 869, 871-874, 881, 883, 884, 891-893

G	8	B10-65	SERVICE INTERPHONE
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- (8) Perform functional test on attendant control panel as required.

WJE 401-404, 407, 408, 411, 412, 414, 875-880, 886, 887

D. Install Seat

- (1) Check that retaining bar is removed from seat enclosure; then, position seat with enclosure on windscreen.

WJE 401-404, 412, 414, 875-879

NOTE: Retaining bar should be removed from seat enclosure to facilitate installation of seat on windscreen. Reference Paragraph 3.B.(7)

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WJE 407, 408, 411, 880, 886, 887

NOTE: Retaining bar should be removed from seat enclosure to facilitate installation of seat on windscreen.

WJE 401-404, 407, 408, 411, 412, 414, 875-880, 886, 887

- (2) Check that headrest and seatback cushions are removed from seat for access to seat installation screws.
- (3) Check that captive screws (2 places) securing upper seatback to seat enclosure are loose so that upper seatback can be pulled out from against enclosure.
- (4) Install screws (8 places) at headrest and seatback securing seat enclosure to windscreen as follows:
 - (a) Before tightening screws, measure to confirm that distance between seat and headrest slide channels are equal at bottom and top of seat enclosure.
 - (b) If distance is not equal, adjust distance so that seat slides up and down smoothly and without interference.

NOTE: If necessary, seat can be held in down position for better access to seatback screws.
- (5) Open access door below seat and install retaining bar through inboard gusset on windscreen as follows:
 - (a) Position retaining bar through hole provided in gusset.
 - (b) Install screws (2 places each side) securing retaining bar to seat enclosure brackets.
 - (c) Using clevis pin, washer, and cotter pin, secure seat retractor to retaining bar.
 - (d) Using bolt, washer, and nut (2 places), secure harness reel to retaining bar.
- (6) Install bolts (2 places) securing bottom of seat enclosure to windscreen. Close access door below seat.
- (7) Using captive screws (2 places) on upper seatback, secure seatback to seat enclosure. Safety screw heads as required with lockwire. (LOCKWIRE SAFETYING - MAINTENANCE PRACTICES, PAGEBLOCK 20-10-18/201)
- (8) Install headrest and seatback cushion on attendant's seat.
- (9) If removed, install oxygen compartment on windscreen as follows:
 - (a) Place compartment bracket and cover in position and secure unit to windscreen using screws (4 places).
 - (b) Do not close compartment door at this time.
- (10) If removed, install door guard and back up plates on windscreen as follows:
 - (a) Place door guard and back up plates in position and secure to windscreen with screws and bolts (8 places).
- (11) If removed, install attendant's control panel as follows:

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (a) Make sure that these circuit breakers are open and have safety tags:

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

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OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
A	8	B10-118	PASSENGER ADDRESS

UPPER EPC, LEFT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 877, 880, 886, 887			
F	22	B10-117	PASSENGER ADDRESS

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-404, 407, 408, 411, 412, 414, 875-880, 886, 887			
G	8	B10-65	SERVICE INTERPHONE

- (b) Using screws (4 places), secure control panel bracket to windscreen.
- (c) Install panel cover by engaging spring clip at bottom of cover to top of oxygen compartment; then, push top of cover against windscreen.
- (d) Secure top of cover to panel bracket on windscreen with captive screws (2 places) on cover.
- (e) Route electrical cable from windscreen cutout through oxygen compartment; then, install electrical connectors (3 places) to bottom of control panel. Close door on oxygen compartment below control panel.
- (f) Remove the safety tags and close these circuit breakers:

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
A	8	B10-118	PASSENGER ADDRESS

UPPER EPC, LEFT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 877, 880, 886, 887			
F	22	B10-117	PASSENGER ADDRESS

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-404, 407, 408, 411, 412, 414, 875-880, 886, 887			
G	8	B10-65	SERVICE INTERPHONE

WJE 407, 408, 411, 880, 886, 887

- (12) If removed, install flashlight and bracket to windscreen. Flashlight bracket is secured to windscreen with screws (2 places) just above attendant's control panel.

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WJE 875-879

- (13) If applicable, install flashlights on windscreen. Flashlight brackets are secured to windscreen with screws (2 places) just right of each attendant's headrest.

WJE 401-404, 407, 408, 411, 412, 414, 875-880, 886, 887

- (14) Check operation of attendant's seat and control panel.

WJE ALL

4. Check Aft Service Entry Cabin Attendant's Seat and Shoulder Harness

A. Check Aft Cabin Attendant's Seat Belt

- (1) Check seat belt attach bolts per manufacturer's specifications for following:
 - (a) Correct part number bolt is installed in each seat belt attachment.
 - (b) Bolts are torqued to correct value.

B. Check Shackle Assembly

- (1) Check each shackle assembly for freedom of movement.

C. Operational Check of Shoulder Harness

- (1) Do an operational check of shoulder harness (all positions).
 - (a) Make sure harness can be moved smoothly throughout full travel.
 - (b) Make sure inertia reels lock automatically when sudden load is applied.

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AFT SERVICE ENTRY/AISLEWAY CABIN ATTENDANT SEAT (IF INSTALLED) - ADJUSTMENT/TEST

1. General

- A. This procedure contains MSG-3 task card data.

TASK 25-23-03-710-801

2. Operational Check of the Aft Service Entry Cabin Flight Attendant Seat Shoulder Harness/Inertial Reel

A. **Aft Service Entry Cabin Flight Attendant Seat Shoulder Harness/Inertial Reel Operational Check**

SUBTASK 25-23-03-710-001

- (1) Do an operational check of shoulder harness by pulling out and releasing several times. Make sure harness does not drag or bind and can be moved smoothly throughout full travel.
- (2) Make sure inertial reel locks automatically when a sudden load is applied.

B. **Job Close-up**

SUBTASK 25-23-03-942-003

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

TASK 25-23-03-720-801

3. Functional Check of the Aft Service Entry Cabin Attendant Seat Belt Attach Bolt for Proper Torque

A. **Aft Service Entry Cabin Attendant Seat Belt Attach Bolt Functional Check for Proper Torque**

SUBTASK 25-23-03-720-001

- (1) Do a functional check of the bolt for correct torque value.
- (2) For castellated nuts, check for cotter pin proper installation.
- (3) Check each shackle assembly for freedom of movement.

B. **Job Close-up**

SUBTASK 25-23-03-942-001

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

TASK 25-23-03-720-802

4. Functional Check of the Folding Aft Service Entry Cabin Attendant Hydraulic/Pneumatic Seat Snubber

A. **Folding Aft Service Entry Cabin Attendant Hydraulic/Pneumatic Seat Snubber Functional Check**

SUBTASK 25-23-03-720-002

- (1) Pull seat bottom to extended position and release.
- (2) Make sure seat folds to stowed position automatically in 4 seconds maximum.

B. **Job Close-up**

SUBTASK 25-23-03-942-006

- (1) Remove all the tools and equipment from the work area. Make sure the work area is clean.

————— **END OF TASK** —————

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AFT SERVICE ENTRY/AISLEWAY CABIN ATTENDANT SEAT - INSPECTION/CHECK

1. General

- A. This procedure contains MSG-3 task card data.

TASK 25-23-03-211-801

2. Detailed Inspection of the Aft Service Entry Cabin Attendant Seat for Attaching and Locking to Structure

A. **Aft Service Entry Cabin Attendant Seat Attachment and Locking to Structure Detailed Inspection**

SUBTASK 25-23-03-211-001

- (1) Do a detailed inspection of seat to structure attachment bolts and screws for condition, security and tightness.

B. **Job Close-up**

SUBTASK 25-23-03-942-002

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

TASK 25-23-03-211-802

3. Detailed Inspection of the Aft Service Entry Cabin Attendant Seat Hydraulic/Pneumatic Snubber

A. **Aft Service Entry Cabin Attendant Seat Hydraulic/Pneumatic Snubber Detailed Inspection**

SUBTASK 25-23-03-211-002

- (1) Do a detailed inspection of the snubber for leaks, security, wear and loose or missing hardware.

B. **Job Close-up**

SUBTASK 25-23-03-942-005

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

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AFT SERVICE ENTRY CABIN ATTENDANT SEAT - APPROVED REPAIRS

1. General

WJE 407, 408, 886, 887

- A. These approved repair procedures provide removal and installation instructions for major components of the cabin attendant seat installed on the aft service door windscreen in the passenger compartment. (Figure 802)

WJE 401-404

- B. These approved repair procedures provide removal and installation instructions for major components of the cabin attendant seat installed on the aft service door windscreen or on the aft partition of the G3 galley unit in the passenger compartment. (Figure 802)

WJE 875-879

- C. These approved repair procedures provide removal and installation instructions for major components of each cabin attendant seat (2 places) installed on the aft service door windscreen in the passenger compartment. (Figure 802)

WJE 405, 406, 408-411, 880, 881, 883, 884

- D. These approved repair procedures provide removal and installation instructions for major components of the cabin attendant seat installed on the inboard (aisle) side of the aft G4 galley unit in the passenger compartment. (Figure 801)

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- E. These approved repair procedures provide removal and installation instructions for major components of the cabin attendant seat installed on the inboard (aisle) side of the aft G5 galley unit in the passenger compartment. (Figure 801)

WJE 412, 414

- F. These approved repair procedures provide removal and installation instructions for major components of the cabin attendant seat installed on the aft service door windscreen or on the aft partition of the G3 galley unit in the passenger compartment. (Figure 802)

WJE 405, 406, 408-411, 415-427, 429, 861-866, 868, 869, 871, 872, 880, 881, 883, 884, 891

- G. All major seat components can be removed or installed without removing the seat from the galley partition in the aircraft. An operational test of the seat should establish the most probable cause of malfunction and determine the extent of disassembly required.

WJE 401-404, 407, 408, 412, 414, 875-879, 886, 887

- H. All major seat components can be removed or installed without removing the seat enclosure (shroud) from the windscreen in the aircraft. An operational test of the seat should establish the most probable cause of malfunction and determine the extent of disassembly required.

WJE 401-404

- I. All major seat components can be removed or installed without removing the seat enclosure (shroud) from the windscreen or from the galley partition in the aircraft. An operational test of the seat should establish the most probable cause of malfunction and determine the extent of disassembly required.

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WJE 401-412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-881, 883, 884, 886, 887, 891

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WJE 412, 414

- J. All major seat components can be removed or installed without removing the seat enclosure (shroud) from the windscreen seat partition, or from the galley partition in the aircraft. An operational test of the seat should establish the most probable cause of malfunction and determine the extent of disassembly required.

WJE 401-404, 407, 408, 412, 414, 875-879, 886, 887

- K. The seatback and seat bottom cushions are held in place by upholstery covers which are fastened to the seat structure by velcro attachments and button fasteners. The headrest cushion is secured to the headrest panel with clip-type attachments.

WJE 405, 406, 408-411, 415-427, 429, 861-866, 868, 869, 871, 872, 880, 881, 883, 884, 891

- L. The seatback, seat bottom, and headrest cushions are held in place by upholstery covers which are fastened to the seat frame by velcro attachments.
- M. There are two hydro lock retractors employed for seat operation, one behind the seatback and one in the bracket that secures the seat to the galley.

WJE 401-404, 407, 408, 412, 414, 875-879, 886, 887

2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed item.

Table 801

Name and Number	Manufacturer
NASM20995N32, DPM 684	Not specified
NASM20995C32, DPM 5865	Not specified

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-881, 883, 884, 886, 887, 891

3. General Repair Practices

WJE 401-404, 407, 408, 412, 414, 875-879, 886, 887

- A. The seat internal mechanism can be viewed by disengaging the captive screws located at top on each side of the seatback frame, then moving the seatback outward sufficiently to view and/or check the seat mechanism for defective parts. The entire seat bottom and seatback can be removed as a unit by temporarily installing the seatback captive screws, then removing the pin from the upper end of the seat and headrest pneumatic retractor which is accessible through the separation between the seat bottom and seatback. Disengaging the seatback captive screws and lowering the seat assembly will free the seat slides from the bottom end of the slide channels and allow removal of the complete seat bottom and seatback assembly.
- B. When seat repair is required, remove seat and headrest cushions to prevent soil damage.

WJE 405, 406, 408-411, 415-427, 429, 861-866, 868, 869, 871, 872, 880, 881, 883, 884, 891

- C. The seat internal components are accessible or viewed by removing the shroud on the seatback. The one-piece shroud is secured to the seatback with three velcro attachments, one behind the headrest and one each on each side of the seatback centerline. No further disassembly is required for normal repairs.
- D. It is not necessary to remove seat bottom, seatback and cushions for seat repair; however, caution should be taken to avoid soil damage if seat repair is required.

EFFECTIVITY

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-881, 883, 884, 886, 887, 891

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WJE 401-412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-881, 883, 884, 886, 887, 891

- E. During disassembly for repair or replacement of worn or defective parts, remove parts only as required for access to, and replacement of defective parts. Damage to riveted, welded, or bonded components will usually require replacement of next higher assembly.

EFFECTIVITY

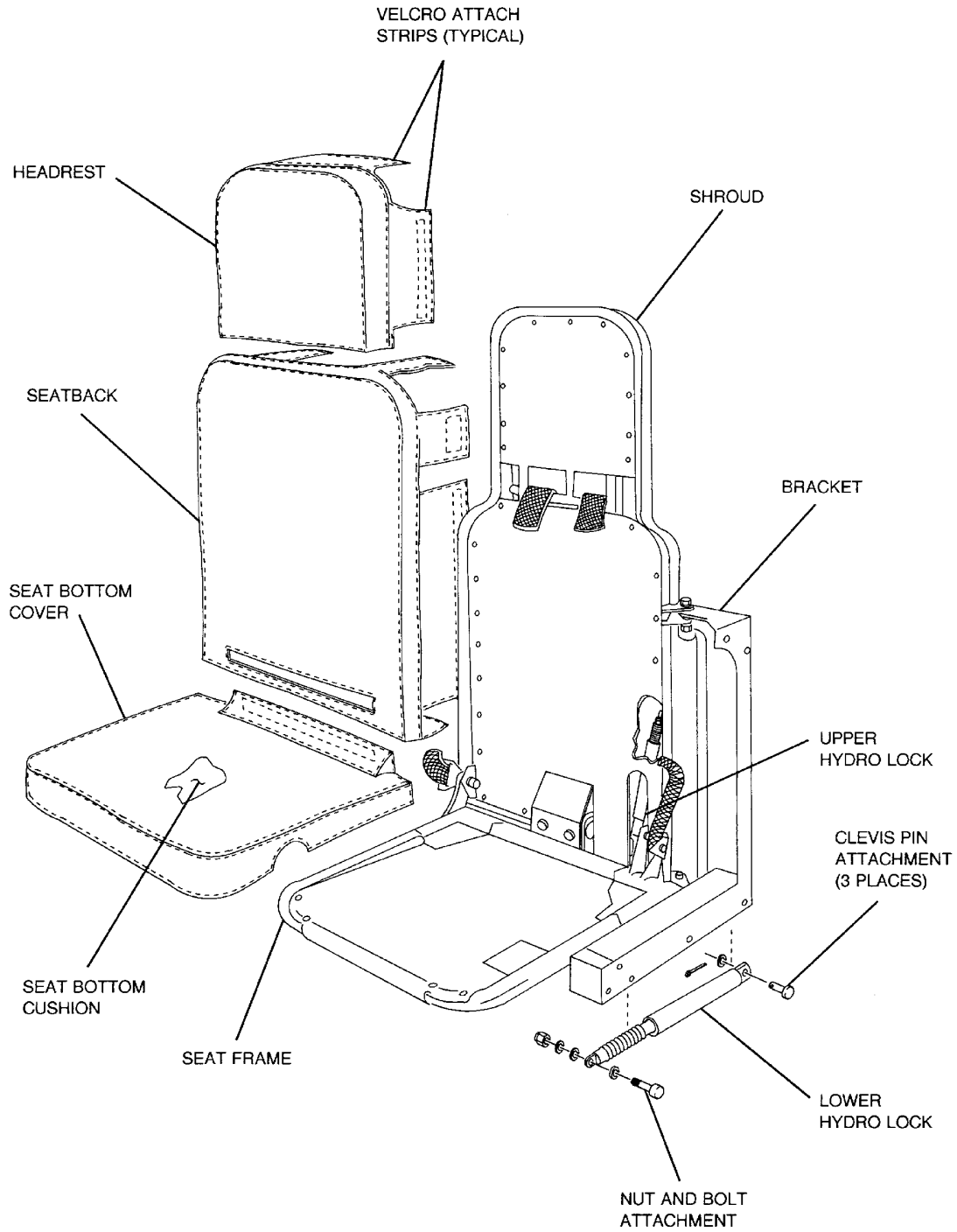
**WJE 401-412, 414-427, 429, 861-866, 868, 869, 871,
872, 875-881, 883, 884, 886, 887, 891**

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Aft Service Entry Cabin Attendant Seat - Approved Repairs
Figure 801/25-23-03-990-801

EFFECTIVITY

WJE 405, 406, 408-411, 415-427, 429, 861-866, 868, 869, 871, 872, 880, 881, 883, 884, 891

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WJE 401-404, 407, 408, 412, 414, 875-879, 886, 887

4. Removal/Installation - Pneumatic Retractor

A. Remove Pneumatic Retractor

- (1) Remove cotter pin, washer, and clevis pin from tube link at upper end of pneumatic retractor (while holding tube of headrest yoke to prevent headrest from dropping); then, slowly lower tube and headrest.

NOTE: Access to upper end of pneumatic retractor is through separation between seatback and seat bottom.

- (2) Open access door at base of seat and disconnect lower end of retractor from retaining bar retractor bracket. Retractor is secured to bracket with clevis pin, washer, and cotter pin.

NOTE: Disassembly of the pneumatic retractor for repair is not recommended.

B. Install Pneumatic Retractor

- (1) Open access door at base of seat and secure lower end of pneumatic retractor in retaining bar retractor bracket with clevis pin, washer, and cotter pin.

- (2) Align headrest yoke tube link, seat retractor bracket, and upper end of pneumatic retractor; then, secure retractor to bracket and tube link with clevis pin, washer, and cotter pin.

EFFECTIVITY

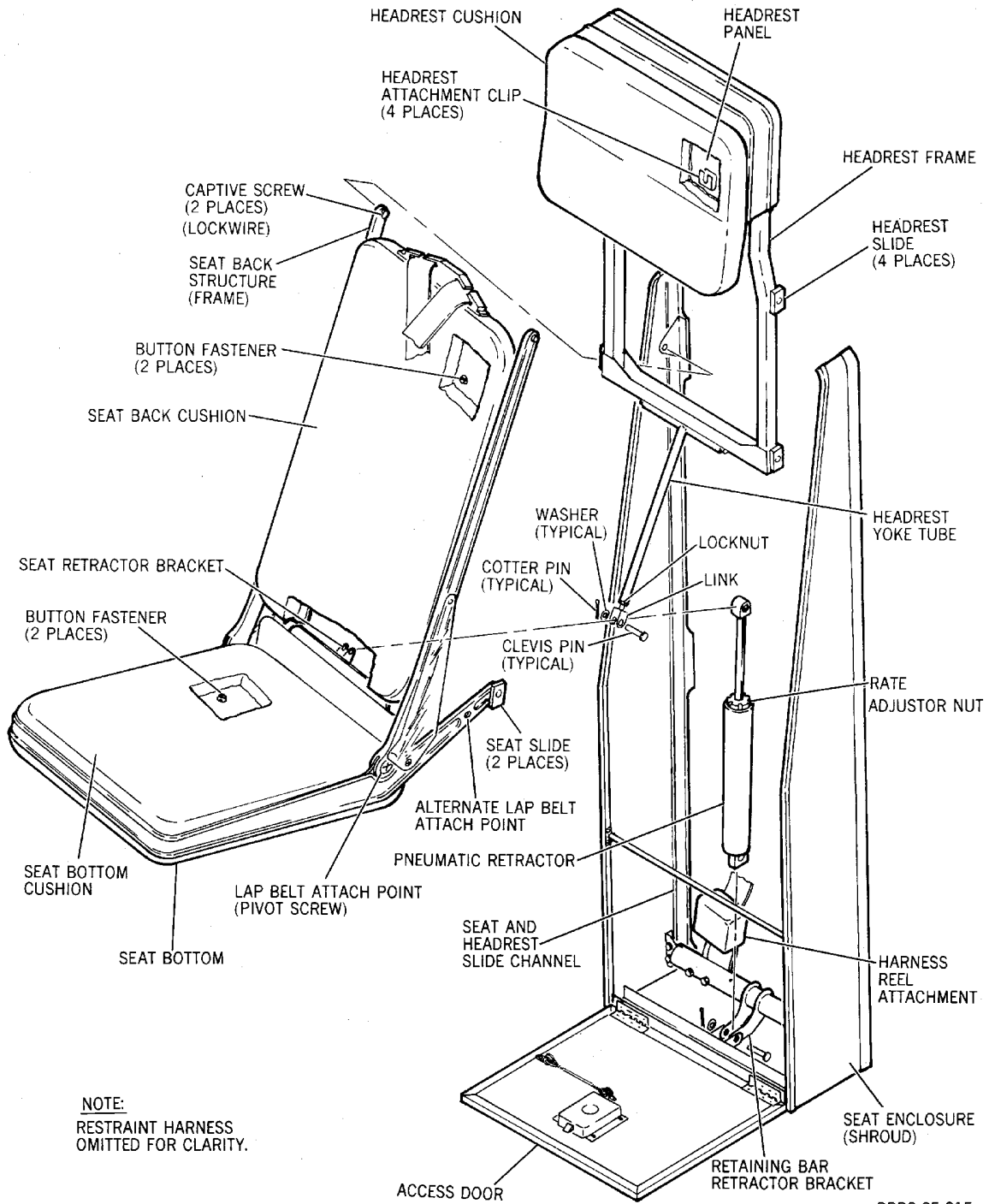
WJE 401-412, 414-427, 429, 861-866, 868, 869, 871,
872, 875-881, 883, 884, 886, 887, 891

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**Aft Service Entry Cabin Attendant Seat - Approved Repairs
Figure 802/25-23-03-990-802**

EFFECTIVITY
WJE 401-404, 407, 408, 412, 414, 875-879, 886, 887

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WJE 405, 406, 408-411, 415-427, 429, 861-866, 868, 869, 871, 872, 880, 881, 883, 884, 891

5. Removal/Installation - Hydro Lock Retractors

A. Remove Hydro Lock Retractor

- (1) Remove shroud from back of seat. Place shroud in safe place to prevent soil damage.
- (2) On upper hydro lock, remove cotter pin, washer, and clevis pin from upper and lower attach points. Remove hydro lock from seat.
- (3) On lower hydro lock, remove cotter pin, washer, and clevis pin from one end of unit.

NOTE: Disassembly of the hydro lock retractor for repair is not recommended.

- (4) Remove nut, washer, and bolt from remaining end of unit.
- (5) Remove hydro lock from seat.

B. Install Hydro Lock Retractor

- (1) Properly position hydro lock (Figure 801); then, install clevis pins, washers and cotter pins as required (lower hydro lock uses bolt, washers, and nut at one end of unit).
- (2) Install shroud on back of seat. Align velcro attachments and press velcro firmly into place.
- (3) Check seat operation. Seat should fold to stowed position automatically in 4 seconds maximum. If adjustment is necessary, adjust by using hex-type wrench on end of hydro lock cylinder as required.

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-881, 883, 884, 886, 887, 891

6. Removal/Installation - Seat Bottom/Seatback and Headrest

WJE 401-404, 407, 408, 412, 414, 875-879, 886, 887

A. Remove Seat Bottom/Seatback and Headrest

- (1) Remove cotter pin, washer, and clevis pin from tube link at upper end of pneumatic retractor (while holding tube of headrest yoke to prevent headrest from dropping); then, slowly lower tube and attached headrest.
- (2) Loosen captive screws at top sides of seatback frame while holding seat bottom and seatback.
- (3) Lower seat bottom and seatback to disengage slides from channels on seat enclosure (shroud); then, carefully remove seat bottom and seatback from seat shroud.

NOTE: If slides are removed from seat bottom and seatback, bag and tag slides to prevent loss of detail parts. Slides are not repairable and should be replaced if damaged or worn.

- (4) Position headrest as required to disengage slides from channels on seat enclosure (shroud); then, remove headrest from seat shroud.

NOTE: If slides are removed from headrest, bag and tag slides to prevent loss of detail parts. Slides are not repairable and should be replaced if damaged or worn.

WJE 405, 406, 408-411, 415-427, 429, 861-866, 868, 869, 871, 872, 880, 881, 883, 884, 891

B. Remove Seat Bottom/Seatback and Headrest

- (1) Remove shroud from back of seat. Velcro attachments for headrest, seatback and seat bottom are on back of seat frame.
- (2) Detach velcro and remove seatback, seat bottom, and headrest from seat frame.

NOTE: Seat bottom cover slides over cushion and seat frame, and must be removed for access to seat frame.

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WJE 401-412, 414-427, 429, 861-866, 868, 869, 871,
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WJE 401-404, 407, 408, 412, 414, 875-879, 886, 887

C. Install Seat Bottom/Seatback and Headrest

- (1) Position headrest and engage slides in upper channels of seat shroud. Hold headrest as required to facilitate installation of seat bottom and seatback.
- (2) Engage slides on arms of seat bottom in lower channels of seat shroud.
- (3) Install captive screws at top on either side of seatback frame in seat shroud.
- (4) Safety the captive screws in seatback with lockwire. (LOCKWIRE SAFETYING - MAINTENANCE PRACTICES, PAGEBLOCK 20-10-18/201)
- (5) Align and attach headrest yoke tube link to seat retractor bracket and top of pneumatic retractor; then, insert clevis pin. Do not install clevis pin until headrest height measurement is made.
- (6) Pull seat bottom down to extended position and measure headrest height.
NOTE: The measurement from top of seat shroud to top of headrest should be 5 13/16 (+1/8, -0) inches.
- (7) If headrest requires adjustment, proceed as follows:
 - (a) Remove clevis pin, loosen link locknut on yoke tube, and turn tube link to increase or decrease height of headrest to specified measurement.
 - (b) Align and attach yoke tube link to seat retractor bracket and top of pneumatic retractor; then, secure tube link to bracket and retractor with clevis pin, washer, and cotter pin.
 - (c) Tighten tube link locknut.
- (8) Pull seat bottom down to extended position and release. Seat should retract (fold) to closed position, with slight drag of slides, in approximately 3 1/2 seconds.
- (9) If required, adjust seat retracting time by turning rate adjustment nut at top of retractor cylinder. Adjustment nut is accessible through access door at base of seat shroud.

WJE 405, 406, 408-411, 415-427, 429, 861-866, 868, 869, 871, 872, 880, 881, 883, 884, 891

D. Install Headrest, Seatback and Seat Bottom

- (1) Position headrest and engage velcro attachments. Press velcro firmly into place.
- (2) Position seatback, fold velcro flaps around seat frame, and press velcro firmly into place.
- (3) Position seat bottom cushion on seat frame; then, slide seat bottom cover over seat frame and engage velcro to secure seat bottom to frame.
- (4) Install shroud to back of seat; then, align and press velcro attachments firmly into place.

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WJE 401-412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-881, 883, 884, 886, 887, 891

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REMOVABLE PARTITIONS - DESCRIPTION AND OPERATION

1. General

WJE 405-411, 880, 881, 883, 884

- A. Partitions classified as removable include those forming the coatroom in the passenger cabin. Partitions not readily removable from the aircraft such as those used for lavatories are covered in AFT LAVATORY - MAINTENANCE PRACTICES, PAGEBLOCK 25-41-00/201 and FORWARD LAVATORY - MAINTENANCE PRACTICES, PAGEBLOCK 25-42-00/201.

WJE 873, 874, 892, 893

- B. Partitions classified as removable include those forming the aft coatroom and the doghouse stowage compartments in the passenger cabin. Partitions not readily removable from the aircraft such as those used for lavatories are covered in AFT LAVATORY - MAINTENANCE PRACTICES, PAGEBLOCK 25-41-00/201 and FORWARD LAVATORY - MAINTENANCE PRACTICES, PAGEBLOCK 25-42-00/201.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- C. Partitions classified as removable include those forming the class divider curtain (partition), forward and aft coatroom/stowage compartments, and the doghouse-type stowage compartments in the passenger cabin. Partitions such as the modular lavatories.
(AFT LAVATORY - MAINTENANCE PRACTICES, PAGEBLOCK 25-41-00/201)
(FORWARD LAVATORY - MAINTENANCE PRACTICES, PAGEBLOCK 25-42-00/201)

WJE 401-404, 412, 414

- D. Partitions classified as removable include those forming the class divider partition, forward coatrooms and the aft service door windscreen in the passenger cabin. Partitions not readily removable from the aircraft such as those used for lavatories are covered in AFT LAVATORY - MAINTENANCE PRACTICES, PAGEBLOCK 25-41-00/201 and FORWARD LAVATORY - MAINTENANCE PRACTICES, PAGEBLOCK 25-42-00/201.

WJE 875-879

- E. Partitions classified as removable in the passenger cabin include those forming the forward windscreens, the aft service door windscreen (on all aircraft), and the S1 and S2 stowage compartment partitions. Partitions not readily removable from the aircraft are covered in AFT LAVATORY - MAINTENANCE PRACTICES, PAGEBLOCK 25-41-00/201 and FORWARD LAVATORY - MAINTENANCE PRACTICES, PAGEBLOCK 25-42-00/201.

WJE 886, 887

- F. Partitions classified as removable includes the forward coatrooms, aft coatroom, class divider with curtain, and windscreen with cabin attendant seat. Partitions not readily removable from the aircraft such as those used for lavatories are covered in AFT LAVATORY - MAINTENANCE PRACTICES, PAGEBLOCK 25-41-00/201 and FORWARD LAVATORY - MAINTENANCE PRACTICES, PAGEBLOCK 25-42-00/201.

WJE ALL

- G. All removable partition panels are made of lightweight honeycomb material covered with facing material. Panels are framed with wood, then covered with appropriate interior finish material. Partitions are attached to the interior of the passenger compartment by screws, fittings, and clips; thus making the partitions removable for changes in aircraft configuration, if required.

WJE 405-411, 884

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WJE 405-411, 884 (Continued)

2. Removable Partitions

A. Description

WJE 405, 406, 409, 410, 884

- (1) Aft Coatroom - A coatroom unit is installed just forward of the aft lavatory on the left side of the passenger compartment. The coatroom is provided with an upper shelf, coatrods, an interior light, and a lavatory occupied sign; and is secured to the cabin floor by seat track attach fittings. A doghouse stowage compartment is installed forward of the coatroom.

WJE 405-411, 884

- (2) Forward Coatroom - A coatroom unit is installed just aft of the forward lavatory on the left side of the passenger compartment. The coatroom is provided with an upper shelf, coatrods, an interior light, and a lavatory occupied sign; and is secured to the cabin floor by seat track attachment fittings.
- (3) Stowage Compartment - An upright unit-type stowage compartment is installed just aft of the G2 galley on the forward right side of the passenger compartment. The unit is secured to the cabin floor by seat track attachment fittings.

WJE 405, 406, 409, 410, 884

- (4) Doghouse Stowage Compartment - Doghouse-type stowage compartments are installed two places in the passenger cabin; one forward of the G3 galley unit on the left aft side of the cabin, and one forward of the aft right lavatory. The units are secured to inserts provided in the galley and lavatory forward partitions with screws and washers.

WJE 405-411, 884

- (5) Windscreen - The windscreen partition is installed just forward of the aft galley service door on the left side of the passenger compartment. The windscreen (including an attached cabin attendant seat with control panel), is secured to the cabin floor by seat track attachment fittings. A stowable work table can be installed between the windscreen and the G4 galley unit (against the aft galley service door) during flight. In addition, a header with a sliding curtain is installed in the ceiling between the windscreen and G4 galley unit to isolate the work area from the passengers.

WJE 880, 881, 883

3. Removable Partitions

A. Description

- (1) Forward Coatroom - A coatroom unit is installed just aft of the forward lavatory on the left side of the passenger compartment. The coatroom is provided with an upper shelf, coatrods, an interior light, and a lavatory occupied sign; and is secured to the cabin floor by seat track attachment fittings.
- (2) Stowage Compartment - An upright unit-type stowage compartment is installed just aft of the G2 galley on the forward right side of the passenger compartment. The unit is secured to the cabin floor by seat track attachment fittings.

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WJE 880, 881, 883 (Continued)

- (3) Windscreen - The windscreen partition is installed just forward of the aft galley service door on the left side of the passenger compartment. The windscreen (including an attached cabin attendant seat with control panel), is secured to the cabin floor by seat track attachment fittings. A stowable work table can be installed between the windscreen and the G4 galley unit (against the aft galley service door) during flight. In addition, a header with a sliding curtain is installed in the ceiling between the windscreen and G4 galley unit to isolate the work area from the passengers.

WJE 415-427, 429

4. Removable Partitions

A. Description

WJE 415, 417, 419, 421-423, 425, 427

- (1) Class Divider Curtain - The movable cabin divider curtain (partition) is installed between the "Euroclass," business class, and economy sections in the passenger compartment. The partition consists of two outboard sections and a center section with a header and curtain. The outboard headers are secured to tracks on the bottom of the overhead stowage compartments with locking levers. The outboard curtain sliders are attached to rails on the bottom of the headers and secured to the rails with spring stops. The header on the center section is secured to the overhead stowage compartments (on each side of the passenger aisleway) and is provided with a rail for the installation of a sliding curtain.
- (2) Coatrooms - Two coatroom/stowage compartment units are located in the passenger compartment; one aft of the forward G2A galley and one forward of the aft right lavatory. The units are provided with coatrods, hangers, and space for the stowage of miscellaneous equipment. Both units are secured to the ceiling with an upper attachment and to the cabin floor with seat track attachment bolts.

WJE 416, 418, 420, 424, 426, 429

- (3) Coatrooms - Two coatroom/stowage compartment units are located in the passenger compartment; one aft of the forward G2 galley on the right side of the cabin, and one forward of the aft right lavatory. The units are provided with coatrods, hangers, and space for the stowage of miscellaneous equipment. Both units are secured to the ceiling with an upper attachment and to the cabin floor with seat track attachment bolts.

WJE 415-427, 429

- (4) Doghouse Stowage Compartments

WJE 415, 422, 425, 427

- (a) Two doghouse-type stowage compartments are located in the aft section of the passenger compartment, one on the forward side of the G4 galley on the left side of the cabin, and one on the forward side of the G8 galley on the right side of the cabin. (On aircraft 121,123-134, the G8 galley and attached doghouse-type stowage unit are replaced with a triple-unit passenger seat.) The units are secured to the galleys with attachment bolts. (G4, G4A, G4B GALLEY - MAINTENANCE PRACTICES, PAGEBLOCK 25-34-00/201, G8 GALLEY - MAINTENANCE PRACTICES, PAGEBLOCK 25-38-00/201)

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WJE 417, 419, 421, 423

- (b) Two doghouse-type stowage compartments are located in the aft section of the passenger compartment, one on the forward side of the G4 galley on the left side of the cabin, and one on the forward side of the G8 galley on the right side of the cabin. The G8 galley and attached doghouse-type stowage unit have been replaced with a triple-unit passenger seat. The units are secured to the galleys with attachment bolts. (G4, G4A, G4B GALLEY - MAINTENANCE PRACTICES, PAGEBLOCK 25-34-00/201, G8 GALLEY - MAINTENANCE PRACTICES, PAGEBLOCK 25-38-00/201)

WJE 416, 418, 420, 424, 426, 429

- (c) A doghouse-type stowage compartment is installed on the forward side of the G7A galley on the left side of the cabin. The unit is secured to the cabin floor with attachment bolts. (PAGEBLOCK 25-37-00/201) .
- (5) Upright Stowage Compartment
 - (a) An upright stowage compartment is attached to the aft side of the G3 galley on the left side of the cabin. The stowage compartment is normally removed or installed with the G3 galley. (PAGEBLOCK 25-33-00/201)

WJE 861-866, 868, 869, 871, 872, 891

5. Removable Partitions

A. Description

- (1) Class Divider Curtain - The movable cabin divider curtain (partition) is installed between the "Euroclass," business class, and economy sections in the passenger compartment. The partition consists of two outboard sections and a center section with a header and curtain. The outboard headers are secured to tracks on the bottom of the overhead stowage compartments with locking levers. The outboard curtain sliders are attached to rails on the bottom of the headers and secured to the rails with spring stops. The header on the center section is secured to the overhead stowage compartments (on each side of the passenger aisleway) and is provided with a rail for the installation of a sliding curtain.
- (2) Coatrooms - Two coatroom/stowage compartment units are located in the passenger compartment; one aft of the forward G2A galley or the G2 galley on the right side of the cabin, and one forward of the aft right lavatory. The units are provided with coatrods, hangers, and space for the stowage of miscellaneous equipment. Both units are secured to the ceiling with an upper attachment and to the cabin floor with seat track attachment bolts.
- (3) Doghouse Stowage Compartments
 - (a) Two doghouse-type stowage compartments are located in the aft section of the passenger compartment, one on the forward side of the G4 galley on the left side of the cabin, and one on the forward side of the G8 galley on the right side of the cabin. The G8 galley and attached doghouse-type stowage unit are replaced with a triple-unit passenger seat. The units are secured to the galleys with attachment bolts. (G4, G4A, G4B GALLEY - MAINTENANCE PRACTICES, PAGEBLOCK 25-34-00/201, G8 GALLEY - MAINTENANCE PRACTICES, PAGEBLOCK 25-38-00/201)
 - (b) A doghouse-type stowage compartment is installed on the forward side of the G7A galley on the left side of the cabin. The unit is secured to the cabin floor with attachment bolts. (PAGEBLOCK 25-37-00/201) .
- (4) Upright Stowage Compartment

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WJE 861-866, 868, 869, 871, 872, 891 (Continued)

- (a) An upright stowage compartment is attached to the aft side of the G3 galley on the left side of the cabin. The stowage compartment is normally removed or installed with the G3 galley. (PAGEBLOCK 25-33-00/201)

WJE 886, 887

6. Removable Partitions

A. Description

- (1) Forward Coatroom - The forward coatroom unit is installed aft of the forward lavatory on the left side of the passenger compartment. The coatroom has an upper shelf, coatrod, and lavatory occupied sign; and is secured to the cabin floor with screws and attachment fittings.
- (2) Forward Coatrooms - Two forward coatrooms are installed in the forward end of the passenger compartment, one aft of the G2 galley on the right side of the cabin and one forward of the lavatory on the left side of the cabin.
 - (a) The forward left coatroom is provided with a folding door, coatrod, and magazine/miscellaneous/emergency equipment stowage compartments. The unit is secured to the cabin floor with seat track attachment fittings and to the cabin ceiling by an adjustable rod-type attachment. The coatroom is not lighted.
 - (b) The forward right coatroom is installed below the overhead sidewall stowage compartments and is provided with a door and pullout coatrods and is secured to the cabin floor with seat track attachment fittings. A light, controlled by a switch, is installed in the coatroom.
- (3) Aft Coatroom - The aft coatroom unit is installed just forward of the lavatory on the aft right side of the passenger compartment. The coatroom, provided with a light controlled by a switch, door and pullout coatrods, is secured to the cabin floor with seat track attachment fittings.
- (4) Windscreen - The windscreen partition is installed just forward of the aft galley service door on the left side of the passenger compartment. The windscreen (including an attached cabin attendant seat with control panel), is secured to the cabin floor by seat track attachment fittings. A stowable work table can be installed between the windscreen and the G4 galley unit (against the aft galley service door) during flight. In addition, a header with a sliding curtain is installed in the ceiling between the windscreen and G4 galley unit to isolate the work area from the passengers.
- (5) Class Divider Partition - The class divider partition is installed between the first class and economy sections in the passenger compartment. The partition consists of two partition halves and a partition header with curtain. The partition halves each incorporate base supports and footwells which are secured to the cabin floor with seat track attachment bolts. The partition header is secured to the overhead stowage compartments (on each side of the passenger aisleway) and is provided with a track for the installation of a sliding curtain.

WJE 893

7. Removable Partitions

A. Description

- (1) Aft Coatroom - A coatroom unit is installed just forward of the aft left lavatory in the passenger compartment. The coatroom is provided with an upper shelf, coatrods, an interior light, and a lavatory occupied sign; and is secured to the cabin floor by seat track attachment fittings. A doghouse stowage compartment is installed on the forward side of the coatroom.

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WJE 893 (Continued)

- (2) Doghouse Stowage Compartment - A doghouse-type stowage unit is installed just forward of the aft coatroom. Each unit is secured to inserts provided in the forward partition of the galley or coatroom with screws and washers.

WJE 873, 874, 892

8. Removable Partitions

A. Description

- (1) Aft Coatroom - A coatroom unit is installed just forward of the aft left lavatory in the passenger compartment. The coatroom is provided with an upper shelf, coatrods, an interior light, and a lavatory occupied sign; and is secured to the cabin floor by seat track attachment fittings. A doghouse stowage compartment is installed on the forward side of the coatroom.
- (2) Forward Coatroom - A double-width coatroom unit is installed just aft of the forward lavatory on the left side of the passenger cabin. The coatroom height terminates below the overhead stowage compartment and is provided with an upper stowage compartment, has aisle-facing doors for the coatroom section, and a lavatory occupied sign. The unit is secured to the cabin floor by seat track attach fittings.
- (3) Doghouse Stowage Compartment - Two doghouse-type stowage units are also installed, one forward of the aft right lavatory and one forward of the aft left coatroom. A doghouse-type stowage unit is installed just forward of the aft coatroom. Each unit is secured to inserts provided in the forward partition of the galley or coatroom with screws and washers.
- (4) Class Divider Partition - The class divider partition is installed between the first class and economy sections in the passenger compartment. The partition consists of two partition halves and a partition header with curtain. The partition halves each incorporate lower doghouse-type stowage compartments with seat track attachment bolts. The partition header is secured to the overhead stowage compartments (on each side of the cabin aisleway) and is provided with a track for the installation of a sliding curtain.

WJE 875-879

9. Removable Partitions

A. Description

- (1) Forward Windscreens - Two windscreen partitions are installed in the extreme forward end of the passenger cabin; one aft of the forward passenger door and one aft of the forward galley service door. Each windscreen is attached to the cabin floor by seat track attachment fittings, to the cabin ceiling by a rod-type attachment, and to the cabin sidewall with attachment screws and brackets. The windscreen at the forward passenger door is provided with a transparent viewing panel. A header with a sliding curtain is installed in the ceiling between the windscreen and the G1 galley unit to isolate the galley work area from the passengers.
- (2) Aft Windscreen - All aircraft have an aft windscreen installed just forward of the aft galley service door on the left side of the passenger cabin. The windscreen (including two cabin attendant seats with a control panel between the seats), is secured to the cabin floor by seat track attachment fittings. A header with a sliding curtain is installed in the ceiling between the windscreen and the G4 galley unit or the S1 stowage compartment to isolate the galley work area from the passengers.

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WJE 401-404, 412, 414

10. Removable Partitions

A. Description

- (1) Class Divider Partition - The class divider partition is installed between the first class and economy sections in the passenger compartment. The partition consists of two partition halves and a track installation for the partition curtain. The partition halves each incorporate doghouse-type base supports and footwells which are secured to the cabin floor with seat track attachment bolts. The two-piece track installation is secured to the overhead life raft compartment doors in the aisleway ceiling and is provided with screw stops to retain the curtain in the tracks.
- (2) Coatrooms - Two forward coatroom units are located in the passenger compartment; one forward of the forward lavatory on the left side of the cabin and one aft of the G2 galley on the right side of the cabin. The coatrooms are provided with coatrods, hangers, and floor space for the stowage of miscellaneous equipment. Both units are secured to seat tracks in the cabin floor with attachment bolts. The left coatroom unit is attached to the ceiling structure with an upper attachment.
- (3) Windscreen - The windscreen partition is installed just forward of the aft galley service door on the left side of the passenger compartment. The windscreen (including an attached cabin attendant seat with control panel), is secured to the cabin floor by seat track attachment fittings. A header with a sliding curtain is installed in the ceiling between the windscreen and G3 galley unit to isolate the work area from the passengers.

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REMOVABLE PARTITIONS - MAINTENANCE PRACTICES

1. General

WJE 401-404, 412, 414, 886, 887

- A. This section provides instructions for removing and installing the class divider partition between the first class and economy sections in the passenger compartment. The partition is not normally removed except for change in aircraft configuration or repair. The procedures for the left and right partitions are identical except as noted.

WJE 401-404, 412, 414

- B. This section also provides instructions for removing and installing the forward coatroom units, one located aft of the G2 galley and one located forward of the forward lavatory; and the aft windscreen, located forward of the aft galley service door.

WJE 886, 887

- C. This section also provides instructions for removing and installing the windscreen at the aft galley service door, the forward coatroom units located aft of the G2 galley and forward of the forward lavatory, and the aft coatroom unit located forward of the aft right lavatory.

WJE 410

- D. This section provides instructions for removing and installing the unit-type coatroom partition on the aft left side of the passenger compartment. The coatroom is not normally removed except for change in aircraft configuration or repair.

WJE 407, 408, 411, 880

- E. This section provides instructions for removing and installing the forward coatroom, located aft of the forward lavatory; and the forward stowage compartment located aft of the forward G2 galley unit.
- F. This section also provides instructions for removing and installing the aft windscreen, located forward of the aft galley service door.

WJE 405, 406, 409, 881, 883, 884

- G. This section provides instructions for removing and installing the aft coatroom unit located forward of the aft left lavatory.

WJE 875-879

- H. This section provides instructions for removing and installing the two forward windscreen partitions (on aircraft 103-999), one each aft of the forward passenger and galley service doors; the aft windscreen partition (on all aircraft) just forward of the aft galley service door; and the S1 and S2 upright stowage compartment partitions (on aircraft 101-102), in the aft section of the passenger compartment one on each side of the cabin aisle. The windscreens and stowage compartment partitions are not normally removed from the cabin except for change in aircraft configuration or repair.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- I. This section provides instructions for removing and installing the cabin divider curtain (partition) between the "Euroclass", business class and economy sections (on aircraft 101-150, 175-200), and between the business and economy sections (on aircraft 201-999). The partition is designed as a movable three-piece unit but is not normally removed except for change in aircraft configuration or repair. The procedures for the left and right sections of the partition are identical except as noted.

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WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891 (Continued)

- J. This section also provides instructions for removing and installing the right forward large coatroom/stowage unit, located aft of the G2A galley (on aircraft 101-150, 175-200); the right forward small coatroom/stowage unit, located aft of the G2 galley (on aircraft 151-174); the aft small coatroom unit, located forward of the aft right lavatory (on aircraft 101-200); the doghouse-type stowage compartments located in the aft section of the passenger cabin (two on aircraft 101-120, 151-200 and one on aircraft 121-150); and the upright stowage compartments located forward and aft in the passenger compartment (on aircraft 201-999).

WJE 873, 874, 892, 893

- K. This section provides instructions for removing and installing the unit-type coatrooms on the left side of the passenger compartment (aft left on aircraft 102-104, 107, 109-111, 113-115, 151 and forward left on aircraft 102, 104, 151). The coatroom is not normally removed except for change in aircraft configuration or repair.
- L. This section also provides removal/installation instructions for the cart stowage compartment on the aft right side of the passenger compartment (on aircraft 105-106, 112), and the class divider partition (on aircraft 102, 104, 108 and 151).

WJE 875-879

2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed items.

Table 201

Name and Number	Manufacturer
Sealant, Pro-Seal 735	Coast Pro-Seal and Mfg. Co., Los Angeles, Calif.

WJE ALL

3. Removal/Installation Removable Partitions

WJE 401-404, 412, 414

- A. Remove Class Divider Partition (Figure 204)
- (1) Remove partition curtain as follows:
 - (a) Remove screw stops from outboard sides of curtain tracks (on overhead life raft compartment doors).
 - (b) Slide curtain halves free of tracks.
 - (c) Remove curtain from aircraft.
 - (2) Remove literature from partition pockets to lighten weight of partition.
 - (3) In turn, remove partition halves from seat tracks as follows:
 - (a) Remove nuts and washers securing partition base support brackets to seat track porshe88 attachment bolts.

CAUTION: USE CARE WHEN HANDLING UNIT INSIDE AIRCRAFT TO PREVENT DAMAGE TO CEILING, SIDEWALL, OR INTERIOR EQUIPMENT.

- (b) Disengage and lift partition clear of seat tracks.
 - (4) Remove partition from aircraft.
- B. Install Class Divider Partition (Figure 204)

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WJE 401-404, 412, 414 (Continued)

CAUTION: USE CARE WHEN HANDLING UNIT INSIDE AIRCRAFT TO PREVENT DAMAGE TO CEILING, SIDEWALL, OR INTERIOR EQUIPMENT.

- (1) Move partition into approximate location at aft end of aircraft first-class section.
 - (2) In turn, install partition-halves in seat tracks as follows:
 - (a) Move partition in desired position; then, guide and engage partition base support brackets with seat track attachment bolts.
 - (b) Install nuts and washers to secure partition in place.
 - (3) Install partition curtain as follows:
 - (a) Attach curtain halves to curtain tracks (on overhead life raft compartment doors).
 - (b) Secure curtain to curtain tracks with stop screws.
 - (c) Check operation of curtain.
 - (4) Install literature previously removed from partition pockets.
- C. Remove Forward Coatroom (Aft of G2 Galley) (Figure 205)
- (1) Open roll-up door on coatroom unit; then, remove all equipment to lighten weight of unit and to provide access to seat track attachments.
 - (2) If required, remove passenger seats from aft side of coatroom. (PAGEBLOCK 25-23-00/201).
 - (3) Remove trim from edges of coatroom.
 - (4) Remove nuts and washers from seat track attachment bolts at coatroom floor.
 - (5) Check that telescopic coatrod is flush with aft side of coatroom.
 - (6) Remove coatroom from aircraft.
- D. Install Forward Coatroom (Aft of G2 Galley) (Figure 205)
- (1) Check that telescopic coatrod is flush with aft side of coatroom.
 - (2) Move coatroom into position and align unit with bolts on seat track attachments.

NOTE: In case unit cannot be lifted onto seat track attachments, because of overhead interference, base attachment angles may be removed then installed after bolts and retainers are positioned in seat tracks.
 - (3) Using nuts and washers, secure coatroom to seat track attachment bolts.
 - (4) Install trim to edges of coatroom.
 - (5) If removed, install passenger seats on aft side of coatroom. (PAGEBLOCK 25-23-00/201).
 - (6) Install all equipment previously removed from coatroom; then close coatroom roll-up door.
- E. Remove Forward Coatroom (Forward of Lavatory) (Figure 205)
- (1) Open bi-fold door on coatroom unit; then, remove all equipment to lighten unit weight and to provide access to seat track attachments. Remove equipment as required from unit upper stowage compartments.
 - (2) Remove upper support attachment from coatroom.
 - (3) Remove trim from edges of coatroom.
 - (4) Remove studs and attachment fittings securing coatroom floor to seat tracks.
 - (5) Remove screws (as required) securing coatroom emergency equipment stowage compartment to lavatory forward partition.

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WJE 401-404, 412, 414 (Continued)

- (6) Remove screws (as required) securing coatroom lower aft partition to lavatory forward partition.
- (7) Remove coatroom from aircraft.
- F. Install Forward Coatroom (Forward of Lavatory) (Figure 205)
 - (1) Move coatroom unit into position and align unit with seat tracks.
 - (2) Using studs and attachment fittings, secure coatroom to seat tracks.
 - (3) Install screws (as required) securing coatroom lower aft partition to lavatory forward partition.
 - (4) Install screws (as required) securing coatroom emergency equipment stowage compartment to lavatory forward partition.
 - (5) Install coatroom upper support attachment.
 - (6) Install trim to edges of coatroom.
 - (7) Install all equipment previously removed from coatroom; then, close and secure coatroom bi-fold door and upper stowage compartment doors.
- G. Remove Windscreen (Figure 206)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Open these circuit breakers and install safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
A	8	B10-118	PASSENGER ADDRESS

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
G	8	B10-65	SERVICE INTERPHONE

- (2) Remove passenger triple-seat unit from forward side of windscreen as required (PAGEBLOCK 25-23-00/201).
- (3) Check that curtain between windscreen and G3 galley unit is open and secured against galley.
- (4) Disconnect electrical connector (3 places) from cabin attendant's panel on aft side of windscreen. Access to connectors is through oxygen compartment below control panel.
- (5) Disconnect electrical connector from lavatory occupied sign on forward side of windscreen. Wiring is routed through enclosure on aft side of windscreen.

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WJE 401-404, 412, 414 (Continued)

- (6) If required, remove door guard and back up plates from windscreen.
(PAGEBLOCK 25-23-03/201).
- (7) If required, remove cabin attendant seat, oxygen compartment, and control panel from aft side of windscreen.(PAGEBLOCK 25-23-03/201).
- (8) Hold windscreen upright, loosen nuts at seat track attachment fittings on windscreen gussets, and lift windscreen clear of seat tracks.

CAUTION: USE CARE WHEN HANDLING WINDSCREEN INSIDE AIRCRAFT TO PREVENT DAMAGE TO CEILING, SIDEWALL, OR INTERIOR EQUIPMENT.

- (9) Remove windscreen from aircraft.
- H. Install Windscreen Figure 206

- (1) Make sure that these circuit breakers are open and have safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
A	8	B10-118	PASSENGER ADDRESS

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
G	8	B10-65	SERVICE INTERPHONE

CAUTION: USE CARE WHEN HANDLING WINDSCREEN INSIDE AIRCRAFT TO PREVENT DAMAGE TO CEILING, SIDEWALL, OR INTERIOR EQUIPMENT.

- (2) Place windscreen in desired position within aircraft and hold perpendicular to floor; then, align seat track attachment fittings at windscreen gussets with seat tracks as required.
- (3) Tighten nuts on windscreen gussets to secure windscreen to seat tracks on forward and aft sides of windscreen.
- (4) Install passenger triple-seat unit on forward side of windscreen as required.
(PAGEBLOCK 25-23-00/201).
- (5) If removed, install cabin attendant's seat, oxygen compartment, and control panel on aft side of windscreen. (PAGEBLOCK 25-23-03/201).
- (6) If removed, install door guard and back up plates on windscreen.
(PAGEBLOCK 25-23-03/201).
- (7) Connect electrical connector to lavatory occupied sign on forward side of windscreen. Wiring is routed through enclosure on aft side of windscreen.
- (8) Connect electrical connector (3 places) to cabin attendant's panel on windscreen. Access to connectors is through oxygen compartment below control panel.

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WJE 401-404, 412, 414 (Continued)

- (9) Check that curtain can be closed and secured between G3 galley unit and windscreen.
- (10) Remove the safety tags and close these circuit breakers:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
A	8	B10-118	PASSENGER ADDRESS

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
G	8	B10-65	SERVICE INTERPHONE

- (11) Check operation of cabin attendant's panel and lavatory occupied sign.

WJE 886, 887

- I. Remove Class Divider Partition (Figure 207)
 - (1) Remove partition header and curtain as follows:
 - (a) Remove setscrew and curtain from header.
 - (b) Remove attachment bolts (2 places) securing header to brackets on overhead stowage compartments.
 - (c) Carefully lower and remove header.
 - (2) Remove equipment from lower stowage compartments to lighten weight of partition.
 - (3) In turn, remove partition halves from seat tracks as follows:
 - (a) Remove nuts and washers securing partition base support brackets to seat track attachment bolts.

CAUTION: USE CARE WHEN HANDLING UNIT INSIDE AIRCRAFT TO PREVENT DAMAGE TO CEILING, SIDEWALL, OR INTERIOR EQUIPMENT.

- (b) Disengage and lift partition clear of seat tracks.
 - (4) Remove partition from aircraft
- J. Install Class Divider Partition (Figure 207)

CAUTION: USE CARE WHEN HANDLING UNIT INSIDE AIRCRAFT TO PREVENT DAMAGE TO CEILING, SIDEWALL, OR INTERIOR EQUIPMENT.

- (1) Move partition into approximate location at aft end of cabin first-class section.
- (2) In turn, install partition halves in seat tracks as follows:
 - (a) Move partition in desired position; then, guide and engage partition base support brackets with seat track attachment bolts.

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WJE 886, 887 (Continued)

- (b) Install nuts and washers to secure partition in place.
- (3) Install partition header and curtain as follows:
 - (a) Carefully hold header in desired position and secure header to brackets on overhead stowage compartments with attachment bolts.
 - (b) Install curtain and retain curtain with setscrew.
 - (c) Check operation of curtain.
- (4) Install equipment previously removed from partition lower stowage compartments.
- K. Remove Windscreen Partition (Figure 208)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Open these circuit breakers and install safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
A	8	B10-118	PASSENGER ADDRESS

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
G	8	B10-65	SERVICE INTERPHONE

- (2) Remove passenger double-seat unit from forward side of windscreen as required. (PAGEBLOCK 25-23-00/201).
- (3) Check that curtain between windscreen and G4 galley unit is open and secured against galley.
- (4) Check that stowable work table between windscreen and G4 galley unit is removed and stowed in G5 galley unit.
- (5) Disconnect electrical wiring from lavatory occupied sign at top of windscreen.
- (6) Disconnect electrical connectors (3 places) from cabin attendant's panel on aft side of windscreen. Access to connectors is through oxygen compartment below control panel.
- (7) If required, remove cabin attendant's seat, oxygen compartment, control panel and flashlight with bracket from aft side of windscreen. (PAGEBLOCK 25-23-03/201).
- (8) Hold windscreen upright, loosen nuts at seat track attachment fittings on windscreen gussets, and lift windscreen clear of seat tracks.

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WJE 886, 887 (Continued)

CAUTION: USE CARE WHEN HANDLING WINDSCREEN INSIDE AIRCRAFT TO PREVENT DAMAGE TO CEILING, SIDEWALL, OR INTERIOR EQUIPMENT.

- (9) Remove windscreen from aircraft.
- L. Install Windscreen (Figure 208)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Make sure that these circuit breakers are open and have safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
A	8	B10-118	PASSENGER ADDRESS

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
G	8	B10-65	SERVICE INTERPHONE

CAUTION: USE CARE WHEN HANDLING WINDSCREEN INSIDE AIRCRAFT TO PREVENT DAMAGE TO CEILING, SIDEWALL, OR INTERIOR EQUIPMENT.

- (2) Place windscreen in desired position within aircraft and hold perpendicular to floor; then, align seat track attachment fittings at windscreen gussets with seat tracks as required.
- (3) Tighten nuts on windscreen gussets to secure windscreen to seat tracks on forward and aft sides of windscreen.
- (4) Install passenger double-seat unit on forward side of windscreen as required. (PAGEBLOCK 25-23-00/201).
- (5) If removed, install cabin attendant's seat, oxygen compartment, control panel, and flashlight with bracket on aft side of windscreen. (PAGEBLOCK 25-23-03/201).
- (6) Connect electrical connector (3 places) to cabin attendant's panel on windscreen. Access to connectors is through oxygen compartment below control panel.
- (7) Connect electrical wiring to lavatory occupied sign at top of windscreen.
- (8) Check that stowable work table can be installed between G4 galley unit and windscreen. Work table is stowed in G5 galley unit.
- (9) Check that curtain can be closed and secured between G4 galley unit and windscreen.

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WJE 886, 887 (Continued)

- (10) Remove the safety tags and close these circuit breakers:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
A	8	B10-118	PASSENGER ADDRESS

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
G	8	B10-65	SERVICE INTERPHONE

- (11) Check operation of cabin attendant's panel.
- M. Remove Forward Left Coatroom (Figure 209)
- (1) Open bi-fold door on coatroom unit; then, remove all equipment to lighten unit weight and to provide access to seat track attachments. Remove equipment as required from unit upper miscellaneous stowage compartment (Figure 208).
 - (2) Remove trim from edges of coatroom, as required.
 - (3) Disconnect upper support attachment from top of coatroom, then stow attachment rod in cabin ceiling.
 - (4) Remove studs and attachment fittings securing coatroom floor to seat tracks.
 - (5) Remove screws (as required) securing coatroom miscellaneous stowage compartment to lavatory forward partition.
 - (6) Remove screws (as required) securing coatroom lower aft partition to lavatory forward partition.
 - (7) Remove coatroom from aircraft.
- N. Install Forward Left Coatroom (Figure 209)
- (1) Move coatroom unit into position and align unit with seat tracks (Figure 209).
 - (2) Using studs and attachment fittings, secure coatroom to seat tracks.
 - (3) Install screws (as required) securing coatroom lower aft partition to lavatory forward partition.
 - (4) Install screws (as required) securing coatroom miscellaneous stowage compartment to lavatory forward partition.
 - (5) Install upper support attachment at top of coatroom.
 - (6) Install trim to edges of coatroom, as required.
 - (7) Install all equipment previously removed from coatroom; then, close and secure coatroom bi-fold door and upper miscellaneous stowage compartment doors.
- O. Remove Forward Right Coatroom (Figure 210)

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WJE 886, 887 (Continued)

- (1) Remove all equipment to lighten weight of coatroom unit and to provide access to unit wiring and seat track attachments.

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (2) Open this circuit breaker and install safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (3) Disconnect electrical connector at top inboard side of unit, adjacent to galley unit No. 2.
- (4) Disconnect bolts from coatroom seat track attachments.
- (5) Remove coatroom from aircraft.

P. Install Forward Right Coatroom (Figure 210)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Make sure that this circuit breaker is open and has safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (2) Move coatroom into position and install seat track attachment bolts.
- (3) Connect electrical connector to coatroom light at top inboard side of unit, adjacent to galley unit No. 2.
- (4) Remove the safety tag and close this circuit breaker:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (5) Check operation of coatroom light.
- (6) Install all equipment previously removed from coatroom.

Q. Remove Aft Right Coatroom (Figure 211)

- (1) Remove all equipment to lighten weight of coatroom and to provide access to unit wiring and seat track attachments.
- (2) Remove passenger seats from forward side of coatroom. (PAGEBLOCK 25-23-00/201).
- (3) Remove trim from edges of coatroom including filler strip between unit and lavatory.

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WJE 886, 887 (Continued)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (4) Open this circuit breaker and install safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (5) Disconnect electrical connector from coatroom light and lavatory occupied sign at top inboard side of unit, adjacent to lavatory.
- (6) Disconnect bolts from coatroom seat track attachments.
- (7) Remove coatroom from aircraft.

- R. Install Aft Right Coatroom (Figure 211)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Make sure that this circuit breaker is open and has safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (2) Move coatroom into position and install seat track attachment bolts.
- (3) Connect electrical connector to coatroom light and lavatory occupied sign at top inboard side of unit, adjacent to lavatory.
- (4) Install filler strip between coatroom and lavatory; then, install trim to edges of coatroom unit.
- (5) Remove the safety tag and close this circuit breaker:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (6) Check operation of lavatory occupied sign on coatroom and coatroom light.
- (7) Install all equipment previously removed from coatroom.
- (8) Install passenger seats on forward side of coatroom. (PAGEBLOCK 25-23-00/201).

WJE 407, 408, 411, 880

- S. Remove Forward Coatroom Unit (Figure 212)

- (1) Remove all equipment to lighten weight of coatroom and to provide access to unit wiring and seat track attachments.
- (2) Remove trim from edges of unit, as required.

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WJE 407, 408, 411, 880 (Continued)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (3) Open this circuit breaker and install safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (4) Disconnect upper support attachment from top of coatroom, then stow attachment rod in cabin ceiling.
- (5) Disconnect wiring from coatroom light and lavatory occupied sign on coatroom unit. Access to wiring is at top inboard side of unit, adjacent to lavatory.
- (6) Disconnect nuts and washers from seat track attachment bolts at unit floor.
- (7) Remove coatroom unit from aircraft.

T. Install Forward Coatroom Unit (Figure 212)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Make sure that this circuit breaker is open and has safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (2) Move unit into position and align unit with bolts on seat track attachments.
- (3) Using nuts and washers, secure unit to seat track attachment bolts.
- (4) Install upper support attachment at top of coatroom.
- (5) Install trim to edges of unit as required.
- (6) Connect wiring to coatroom light and lavatory occupied sign on coatroom unit. Access to wiring is at top inboard side of unit, adjacent to lavatory.
- (7) Remove the safety tag and close this circuit breaker:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (8) Check operation of lavatory occupied sign on coatroom unit.
- (9) Install all equipment previously removed from coatroom unit.

U. Remove Forward Stowage Compartment (Figure 213)

- (1) Remove all equipment to lighten weight of stowage compartment and to provide access to seat track attachments.
- (2) Remove passenger seats from aft side of stowage compartment, as required. (PAGEBLOCK 25-23-00/201).

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WJE 407, 408, 411, 880 (Continued)

- (3) Remove trim from between stowage compartment and galley, as required.
 - (4) Disconnect upper support attachment from top of stowage unit, then stow attachment rod in ceiling.
 - (5) Disconnect nuts and washers from compartment seat track attachment bolts at unit floor.
 - (6) Remove stowage compartment from aircraft.
- V. Install Forward Stowage Compartment (Figure 213)
- (1) Move stowage compartment into position and align unit with bolts on seat track attachments.
 - (2) Using nuts and washers, secure unit to seat track attachment bolts.
 - (3) Install upper support attachment at top of unit.
 - (4) Install trim between stowage compartment and galley, as required.
 - (5) Install passenger seats on aft side of stowage compartment, as required. (PAGEBLOCK 25-23-00/201).
 - (6) Install all equipment previously removed from stowage compartment.
- W. Remove Windscreen (Figure 214)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Open these circuit breakers and install safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
A	8	B10-118	PASSENGER ADDRESS

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
G	8	B10-65	SERVICE INTERPHONE

- (2) Remove passenger double-seat unit from forward side of windscreen as required. (PAGEBLOCK 25-23-00/201)
- (3) Check that curtain between windscreen and G4 galley unit is open and secured against galley.
- (4) Check that stowable work table between windscreen and G4 galley unit is removed and stowed in galley.
- (5) Disconnect electrical connector (3 places) from cabin attendant's panel on aft side of windscreen. Access to connectors is through oxygen compartment below control panel.

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WJE 407, 408, 411, 880 (Continued)

- (6) Disconnect electrical connector from lavatory occupied sign on forward side of windscreen. Wiring is routed through enclosure on aft side of windscreen.
- (7) If required, remove door guard and back up plates from windscreen. (PAGEBLOCK 25-23-03/201).
- (8) If required, remove cabin attendant seat, oxygen compartment, and control panel from aft side of windscreen. (PAGEBLOCK 25-23-03/201).
- (9) Hold windscreen upright, loosen nuts at seat track attachment fittings on windscreen gussets, and lift windscreen clear of seat tracks.

CAUTION: USE CARE WHEN HANDLING WINDSCREEN INSIDE AIRCRAFT TO PREVENT DAMAGE TO CEILING, SIDEWALL, OR INTERIOR EQUIPMENT.

- (10) Remove windscreen from aircraft.
- X. Install Windscreen (Figure 214)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Make sure that these circuit breakers are open and have safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
A	8	B10-118	PASSENGER ADDRESS

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
G	8	B10-65	SERVICE INTERPHONE

CAUTION: USE CARE WHEN HANDLING WINDSCREEN INSIDE AIRCRAFT TO PREVENT DAMAGE TO CEILING, SIDEWALL, OR INTERIOR EQUIPMENT.

- (2) Place windscreen in desired position within aircraft and hold perpendicular to floor; then, align seat track attachment fittings at windscreen gussets with seat tracks as required.
- (3) Tighten nuts on windscreen gussets to secure windscreen to seat tracks on forward and aft sides of windscreen.
- (4) Install passenger double-seat unit on forward side of windscreen as required. (PAGEBLOCK 25-23-00/201).
- (5) If removed, install cabin attendant's seat, oxygen compartment, and control panel on aft side of windscreen (PAGEBLOCK 25-23-03/201).

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WJE 407, 408, 411, 880 (Continued)

- (6) If removed, install door guard and back up plates on windscreen. (PAGEBLOCK 25-23-03/201).
- (7) Connect electrical connector to lavatory occupied sign on forward side of windscreen. Wiring is routed through enclosure on aft side of windscreen.
- (8) Connect electrical connector (3 places) to cabin attendant's panel on windscreen. Access to connectors is through oxygen compartment below control panel.
- (9) Check that stowable work table can be installed between G4 galley unit and windscreen. Work table is stowed in galley.
- (10) Check that curtain can be closed and secured between G4 galley unit and windscreen.
- (11) Remove the safety tags and close these circuit breakers:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
A	8	B10-118	PASSENGER ADDRESS

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
G	8	B10-65	SERVICE INTERPHONE

- (12) Check operation of cabin attendant's panel and lavatory occupied sign.

WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868

- Y. Remove Cabin Divider Curtain (Figure 216)

NOTE: Tracks (one on each side) are provided on top of the cross-aisle overhead stowage compartments for retaining the center header and curtain. Four tracks (two on each side) are provided on the bottom of the overhead stowage compartments for retaining the side headers and curtains. Manually operated levers secure the headers to the overhead tracks. Sliders attached to the curtains engage a rail installed on the bottom of the headers and are secured to the rail with spring stops.

- (1) Remove center header and curtain as follows:
 - (a) Remove center spring stop and curtain from header rail. Replace spring stop in rail slot.
 - (b) Unlatch levers securing header to tracks on top of overhead stowage compartments. Slide header forward or aft to clear tracks.
 - (c) Remove center header and curtain from aircraft.
- (2) In turn, remove each side header and curtain as follows:
 - (a) Remove inboard spring stop and curtain from header rail. Replace spring stop in rail slot.

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WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868 (Continued)

- (b) Unlatch levers securing header to tracks on bottom of outboard overhead stowage compartment (inboard side). Slide header forward or aft to clear tracks
 - (c) Remove side headers and curtain from aircraft.
- Z. Install Cabin Divider Curtain (Figure 216)
- (1) Move center header, side headers, and curtain components into approximate locations for required cabin "Euroclass" configuration.
 - (2) In turn, install each side header and curtain as follows:
 - (a) Place header in track segments at bottom of overhead stowage compartments and slide header in desired cabin location. Check that lever on header is in up (unlocked) position.
 - (b) Remove inboard spring stop from header rail, install curtain, and secure curtain in rail slot with spring stop.
 - (c) Align header and curtain as required (with seatbacks in upright position); then, secure header in inboard track segment by placing lever in down (locked) position.
 - (3) Install center header and curtain as follows:
 - (a) Place header in tracks on top of overhead stowage compartments and slide header in desired location. Check that levers on header are in down (unlocked) position.
 - (b) Remove center spring stop from header rail, install curtain, and replace spring stop in rail slot.
 - (c) Align header and curtain (with side headers and curtains) as required; then, secure header in tracks by placing levers in up (locked) position.
- AA. Remove Forward Coatroom/Stowage Compartment (Figure 217)
- (1) Remove lower drawer and all equipment to lighten weight of coatroom/stowage compartment and to provide access to unit seat track attachment fittings.
 - (2) Remove sliding curtain from aisle side of coatroom, as required.
 - (3) Remove trim from edges of coatroom/stowage compartment.

WARNING: MAKE CERTAIN FOLLOWING CIRCUIT BREAKERS ARE OPEN BEFORE ATTEMPTING MAINTENANCE PROCEDURES, OR INJURY TO PERSONNEL COULD RESULT.

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (4) Open this circuit breaker and install safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (5) Disconnect upper attachment at top of unit.
- (6) Remove hold down bolts from unit seat track attachment fittings (6 places).
- (7) Move coatroom/stowage compartment inboard from sidewall; then, disconnect wiring to coatroom and emergency equipment drawer lights, and wiring to 110 volt outlet, at lower forward outboard side of unit.

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WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868 (Continued)

- (8) Remove section attachment screws and separate unit into forward and aft sections.
 - (9) Remove coatroom/stowage compartment sections from aircraft.
- AB. Install Forward Coatroom/Stowage Compartment (Figure 217)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Make sure that this circuit breaker is open and has safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (2) Move coatroom/stowage compartment sections into aircraft; then, secure aft section to forward section with section attachment screws.
- (3) Move assembled unit into approximate position just inboard of sidewall; then, connect wiring to emergency equipment drawer and coatroom lights, and wiring to 110 volt outlet at lower forward outboard side of unit.
- (4) Move coatroom/stowage compartment into position and install hold down bolts in seat track attachment fittings (6 places).
- (5) Connect upper attachment at top of unit.
- (6) Remove the safety tag and close this circuit breaker:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (7) Check operation of coatroom section and emergency equipment drawer lights.
- (8) Install lower drawer and all equipment previously removed from coatroom/stowage compartment.
- (9) Install sliding curtain on aisle side of unit, as required.

WJE 416, 418, 420, 424, 426, 429, 869, 871, 872, 891

- AC. Remove Forward Coatroom/Stowage Compartment (Figure 218)
- (1) Remove lower drawer and all equipment to lighten weight of coatroom/stowage compartment and to provide access to unit seat track attachment fittings.
 - (2) Remove sliding curtain from aft inboard (aisle) side of unit, as required.
 - (3) Remove trim from edges of coatroom/stowage compartment.

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WJE 416, 418, 420, 424, 426, 429, 869, 871, 872, 891 (Continued)

WARNING: MAKE CERTAIN FOLLOWING CIRCUIT BREAKERS ARE OPEN BEFORE ATTEMPTING MAINTENANCE PROCEDURES, OR INJURY TO PERSONNEL COULD RESULT.

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (4) Open this circuit breaker and install safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (5) Disconnect upper (rod-type) attachment at top of unit.
 (6) Remove hold down bolts from unit seat track attachment fittings (2 places).
 (7) Move coatroom/stowage compartment inboard from sidewall; then, disconnect wiring to emergency equipment drawer light and wiring to 110 volt outlet at lower outboard side of unit.
 (8) Remove coatroom/stowage compartment from aircraft.

AD. Install Forward Coatroom/Stowage Compartment (Figure 218)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Make sure that this circuit breaker is open and has safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (2) Move coatroom/stowage compartment into approximate position just inboard of sidewall; then, connect wiring to emergency drawer light, and wiring to 110 volt outlet at lower outboard side of unit.
 (3) Move unit into position and install hold down bolts in seat track attachment fittings (2 places).
 (4) Connect upper (rod-type) attachment at top of unit.
 (5) Install trim to edges of unit.
 (6) Remove the safety tag and close this circuit breaker:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (7) Check operation of emergency equipment drawer light.
 (8) Install lower drawer and all equipment previously removed from coatroom/stowage compartment.
 (9) Install sliding curtain on aft inboard (aisle) side of unit, as required.

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WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

AE. Remove Aft Coatroom/Stowage Compartment (Figure 219)

- (1) Remove lower drawer and all equipment to lighten weight of coatroom/stowage compartment and to provide access to unit seat track attachment fittings.

WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868

- (2) Remove G8 galley and doghouse as required from forward side of unit.
(PAGEBLOCK 25-38-00/201).

WJE 416, 418, 420, 424, 426, 429, 869, 871, 872, 891

- (3) Remove passenger seats from forward side of unit. (PAGEBLOCK 25-23-00/201).

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (4) Remove trim from edges of coatroom/stowage compartment including filler strip between unit and lavatory.

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (5) Open this circuit breaker and install safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (6) Disconnect upper (rod-type) attachment at top of unit.
- (7) Disconnect hold down bolts from unit seat track attachment fittings (2 places).
- (8) Move coatroom/stowage compartment inboard from sidewall; then, disconnect wiring to coatroom and emergency equipment drawer lights, and wiring to 110 volt outlet at lower outboard side of unit.
- (9) Remove coatroom/stowage compartment from aircraft.

AF. Install Aft Coatroom/Stowage Compartment (Figure 219)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Make sure that this circuit breaker is open and has safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (2) Move coatroom/stowage compartment into approximate position just inboard of sidewall; then, connect wiring to coatroom and emergency drawer lights, and wiring to 110 volt outlet at lower outboard side of unit.
- (3) Move unit into position and install hold down bolts in seat track attachment fittings (2 places).
- (4) Connect upper (rod-type) attachment at top of unit.

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WJE 415, 422, 425, 427, 861-866, 868

- (5) Install G8 galley and doghouse as required on forward side of unit.
(PAGEBLOCK 25-38-00/201).

WJE 416, 418, 420, 424, 426, 429, 869, 871, 872, 891

- (6) Install passenger seats on forward side of unit (PAGEBLOCK 25-23-00/201).

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (7) Install filler strip between coatroom/stowage compartment and lavatory; then, install trim to edges of unit.
- (8) Remove the safety tag and close this circuit breaker:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (9) Check operation of coatroom lights and emergency equipment drawer lights.
- (10) Install lower drawer and all equipment previously removed from coatroom/stowage compartment.

WJE 873, 874, 892, 893

AG. Remove Aft Coatroom (Figure 201)

- (1) Remove all equipment from coatroom to provide access to unit wiring and floor attachments.
- (2) Remove sliding curtain from aisle side of coatroom as required.
- (3) Remove passenger seats from forward side of coatroom. (PAGEBLOCK 25-23-00/201).
- (4) Remove trim from edges of coatroom including filler strip between unit and lavatory.
- (5) Remove attachment bolts (6 places) securing doghouse-type stowage compartment to forward side of coatroom, and remove doghouse. Attachment bolts are accessible when sliding drawer is removed from doghouse.

WARNING: MAKE CERTAIN FOLLOWING CIRCUIT BREAKERS ARE OPEN BEFORE ATTEMPTING MAINTENANCE PROCEDURES, OR INJURY TO PERSONNEL COULD RESULT.

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (6) Open this circuit breaker and install safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (7) Disconnect wiring from lavatory occupied sign on coatroom. Access to wiring is at top inboard side of unit, adjacent to lavatory.
- (8) Disconnect bolts from coatroom seat track attachments.
- (9) Remove coatroom from aircraft.

AH. Install Aft Coatroom (Figure 201)

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WJE 873, 874, 892, 893 (Continued)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Make sure that this circuit breaker is open and has safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (2) Move coatroom into position and install seat track attachment bolts.
- (3) Connect wiring to lavatory occupied sign on coatroom. Access to wiring is at top inboard side of unit, adjacent to lavatory.
- (4) Position and secure doghouse-type stowage compartment to forward side of unit partition with attachment bolts (6 places). Install sliding drawer previously removed from doghouse.
- (5) Install filler strip between coatroom and lavatory; then, install trim to edges of coatroom unit.
- (6) Remove the safety tag and close this circuit breaker:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (7) Check operation of lavatory occupied sign.
- (8) Install all equipment previously removed from coatroom.
- (9) Install sliding curtain on aisle side of coatroom, as required.
- (10) Install passenger seats on forward side of coatroom. (PAGEBLOCK 25-23-00/201).

AI. Remove Aft Cart Stowage Compartment

- (1) Remove cart and other equipment from cart stowage compartment to provide access to unit floor attachments.
- (2) Remove passenger seats from forward side of unit. (PAGEBLOCK 25-23-00/201).
- (3) Remove trim and filler strip from between unit and lavatory.
- (4) Disconnect bolts (4 places) from unit seat track attachments.
- (5) Remove cart stowage compartment from aircraft.

AJ. Install Aft Cart Stowage Compartment

- (1) Move unit into position and install seat track attachment bolts (4 places).
- (2) Install filler strip between unit and lavatory.
- (3) Install cart and all equipment previously removed from unit.
- (4) Install passenger seats on forward side of unit. (PAGEBLOCK 25-23-00/201).

AK. Remove Class Divider Partition (Figure 203)

- (1) Remove partition header and curtain as follows:
 - (a) Remove setscrew and curtain from header.
 - (b) Remove attachment bolts securing header to brackets on overhead stowage compartments.

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- (c) Carefully lower and remove header.
- (2) Remove literature from partition pockets to lighten weight of partition.
- (3) In turn, remove partition halves from seat tracks as follows:
 - (a) Remove nuts and washers securing partition base support brackets to seat track attachment bolts.

CAUTION: USE CARE WHEN HANDLING UNIT INSIDE AIRCRAFT TO PREVENT DAMAGE TO CEILING, SIDEWALL, OR INTERIOR EQUIPMENT.

- (b) Disengage and lift partition clear of seat tracks.
 - (4) Remove partition from aircraft.
- AL. Install Class Divider Partition (Figure 203)

CAUTION: USE CARE WHEN HANDLING UNIT INSIDE AIRCRAFT TO PREVENT DAMAGE TO CEILING, SIDEWALL, OR INTERIOR EQUIPMENT.

- (1) Move partition into approximate location at aft end of cabin first-class section.
 - (2) In turn, install partition halves in seat tracks as follows:
 - (a) Move partition in desired position; then, guide and engage partition base support brackets with seat track attachment bolts.
 - (b) Install nuts and washers to secure partition in place.
 - (3) Install partition header and curtain as follows:
 - (a) Carefully hold header in desired position and secure header to brackets on overhead stowage compartments with attachment bolts.
 - (b) Install curtain and retain curtain with setscrew.
 - (c) Check operation of curtain.
 - (4) Install literature previously removed from partition pockets.
- AM. Remove Forward Coatroom (Figure 220)
- (1) Remove all equipment to lighten weight of coatroom and to provide access to unit wiring and seat track attachments.

WARNING: MAKE CERTAIN FOLLOWING CIRCUIT BREAKERS ARE OPEN BEFORE ATTEMPTING MAINTENANCE PROCEDURES, OR INJURY TO PERSONNEL COULD RESULT.

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (2) Open this circuit breaker and install safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (3) Disconnect wiring from lavatory occupied sign on coatroom. Access to wiring is at top inboard side of unit, adjacent to lavatory.
- (4) Disconnect bolts from coatroom seat track attachments.

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WJE 873, 874, 892, 893 (Continued)

- (5) Remove coatroom from aircraft.
AN. Install Forward Coatroom (Figure 220)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Make sure that this circuit breaker is open and has safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (2) Move coatroom into position and install seat track attachment bolts.
(3) Connect wiring to lavatory occupied sign on coatroom. Access to wiring is at top inboard side of unit, adjacent to lavatory.
(4) Remove the safety tag and close this circuit breaker:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (5) Check operation of lavatory occupied sign on coatroom.
(6) Install all equipment previously removed from coatroom.

WJE 410

- AO. Remove Aft Coatroom (Figure 202)

- (1) Open door and remove all equipment from coatroom to provide access to unit wiring and floor attachments.
(2) Remove passenger seats from forward side of coatroom. (PAGEBLOCK 25-23-00/201).
(3) Remove trim from edges of coatroom including filler strip between unit and lavatory.
(4) Remove attachment bolts (6 places) securing doghouse-type stowage compartment to forward side of coatroom, and remove doghouse. Attachment bolts are accessible when sliding drawer is removed from doghouse.

WARNING: MAKE CERTAIN FOLLOWING CIRCUIT BREAKERS ARE OPEN BEFORE ATTEMPTING MAINTENANCE PROCEDURES, OR INJURY TO PERSONNEL COULD RESULT.

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (5) Open this circuit breaker and install safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

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WJE 410 (Continued)

- (6) Disconnect wiring from coatroom light and lavatory occupied sign on coatroom. Access to wiring is at top inboard side of unit, adjacent to lavatory.
- (7) Disconnect bolts from coatroom seat track attachments.
- (8) Remove coatroom from aircraft.

AP. Install Aft Coatroom (Figure 202)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Make sure that this circuit breaker is open and has safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (2) Move coatroom into position and install seat track attachment bolts.
- (3) Connect wiring to coatroom light and lavatory occupied sign on coatroom. Access to wiring is at top inboard side of unit, adjacent to lavatory.
- (4) Position and secure doghouse-type stowage compartment to forward side of coatroom with attachment bolts (6 places). Install sliding drawer previously removed from doghouse.
- (5) Install filler strip between coatroom and lavatory; then, install trim to edges of coatroom unit.
- (6) Remove the safety tag and close this circuit breaker:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (7) Check operation of coatroom light and lavatory occupied sign.
- (8) Install all equipment previously removed from coatroom and close coatroom door.
- (9) Install passenger seats on forward side of coatroom. (PAGEBLOCK 25-23-00/201).

WJE 405, 406, 409, 881, 883, 884

AQ. Remove Aft Coatroom Unit (Figure 215)

- (1) Remove sliding curtain or open door on aisle side of coatroom, as required.
- (2) Remove all equipment to lighten weight of coatroom and to provide access to unit wiring and seat track attachments.
- (3) Remove passenger seats from forward side of coatroom. (PAGEBLOCK 25-23-00/201).
- (4) Remove trim from edges of coatroom including filler strip between unit and lavatory.
- (5) If required, remove attachment bolts (6 places) securing doghouse-type stowage compartment to forward side of coatroom, and remove doghouse. Attachment bolts are accessible when sliding drawer is removed from doghouse.

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WJE 405, 406, 409, 881, 883, 884 (Continued)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (6) Open this circuit breaker and install safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (7) Disconnect electrical connector from lavatory occupied sign on coatroom or from coatroom light, as required. Access to wiring is at top inboard side of unit, adjacent to lavatory.
- (8) Disconnect bolts from coatroom seat track attachments.
- (9) Remove coatroom from aircraft.

AR. Install Aft Coatroom Unit (Figure 215)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Make sure that this circuit breaker is open and has safety tag:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (2) Move coatroom into position and install seat track attachment bolts.
- (3) Connect electrical connector to lavatory occupied sign on coatroom or to coatroom light, as required. Access to wiring is at top inboard side of unit, adjacent to lavatory.
- (4) If removed, position and secure doghouse-type stowage compartment to forward side of coatroom with attachment bolts (6 places). Install sliding drawer previously removed from doghouse.
- (5) Install filler strip between coatroom and lavatory; then, install trim to edges of coatroom unit.
- (6) Remove the safety tag and close this circuit breaker:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

- (7) Check operation of lavatory occupied sign on coatroom.
- (8) Install all equipment previously removed from coatroom.
- (9) Install sliding curtain or close door on aisle side of coatroom, as required.
- (10) Install passenger seats on forward side of coatroom. (PAGEBLOCK 25-23-00/201).

WJE 875-879

AS. Remove Aft Windscreen (Figure 222)

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WJE 875-879 (Continued)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Open these circuit breakers and install safety tags:

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
A	8	B10-118	PASSENGER ADDRESS

UPPER EPC, LEFT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
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WJE 877

F	22	B10-117	PASSENGER ADDRESS
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UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
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WJE 875-879

G	8	B10-65	SERVICE INTERPHONE
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- (2) Remove passenger seats from forward side of windscreen as required. (PAGEBLOCK 25-23-00/201).
- (3) Check that curtain between windscreen and G4 galley unit is open and secured against galley.
- (4) Disconnect electrical connectors (3 places) from cabin attendant's panel on aft side of windscreen and pull wiring free from partition. Access to connectors is through oxygen compartment below control panel.
- (5) Remove shrouds from windscreen gussets as required.
- (6) If required, remove cabin attendant's seat (2 places), oxygen compartment, control panel, and flashlights from aft side of windscreen. (PAGEBLOCK 25-23-03/201).
- (7) Hold windscreen upright, loosen nuts at seat track attachment fittings on windscreen gussets, and lift windscreen clear of seat tracks.

CAUTION: USE CARE WHEN HANDLING WINDSCREEN INSIDE AIRCRAFT TO PREVENT DAMAGE TO CEILING, SIDEWALL, OR INTERIOR EQUIPMENT.

- (8) Remove windscreen from aircraft.
- (9) Remove the safety tags and close these circuit breakers:

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

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WJE 875-879 (Continued)

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
A	8	B10-118	PASSENGER ADDRESS

UPPER EPC, LEFT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 877			
F	22	B10-117	PASSENGER ADDRESS

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 875-879			
G	8	B10-65	SERVICE INTERPHONE

(10) Check operation of cabin attendant's panel.

AT. Install Aft Windscreen (Figure 222)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

(1) Make sure that these circuit breakers are open and have safety tags:

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
A	8	B10-118	PASSENGER ADDRESS

UPPER EPC, LEFT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 877			
F	22	B10-117	PASSENGER ADDRESS

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 875-879			
G	8	B10-65	SERVICE INTERPHONE

CAUTION: USE CARE WHEN HANDLING WINDSCREEN INSIDE AIRCRAFT TO PREVENT DAMAGE TO CEILING, SIDEWALL, OR INTERIOR EQUIPMENT.

- (2) Place windscreen in desired position within aircraft and hold perpendicular to floor; then, align seat track attachment fittings at windscreen gussets with seat tracks as required.
- (3) Tighten nuts on windscreen gussets to secure windscreen to seat tracks on forward and aft sides of windscreen.
- (4) Install shrouds on windscreen gussets as required.

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WJE 875-879 (Continued)

- (5) Install passenger seats on forward side of windscreen as required. (PAGEBLOCK 25-23-00/201).
- (6) If removed, install cabin attendant's seat (2 places), oxygen compartment, control panel, and flashlights on aft side of windscreen. (PAGEBLOCK 25-23-03/201).
- (7) Install wiring through cutout in partition and connect electrical connectors (3 places) to cabin attendant's panel on aft side of windscreen. Access to connectors is through oxygen compartment below control panel.
- (8) Check that curtain can be closed and secured between G4 galley unit and windscreen.
- (9) Remove the safety tags and close these circuit breakers:

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
A	8	B10-118	PASSENGER ADDRESS

UPPER EPC, LEFT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 877			
F	22	B10-117	PASSENGER ADDRESS

UPPER EPC, RIGHT RADIO DC BUS

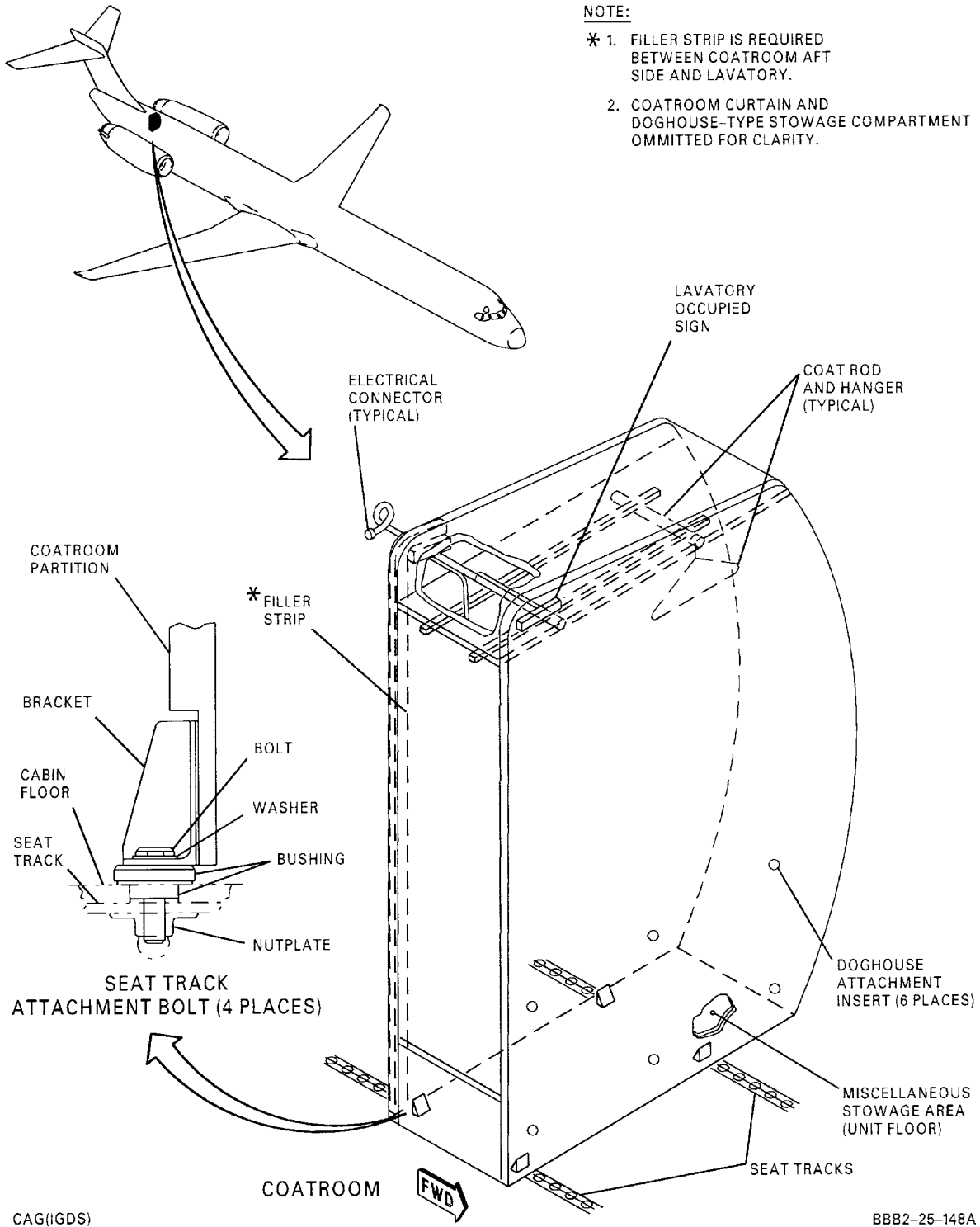
<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 875-879			
G	8	B10-65	SERVICE INTERPHONE

- (10) Check operation of cabin attendant's panel.

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NOTE:

- * 1. FILLER STRIP IS REQUIRED BETWEEN COATROOM AFT SIDE AND LAVATORY.
- 2. COATROOM CURTAIN AND DOGHOUSE-TYPE STOWAGE COMPARTMENT OMMITTED FOR CLARITY.



**Removable Aft Coatroom Unit
Figure 201/25-24-00-990-806**

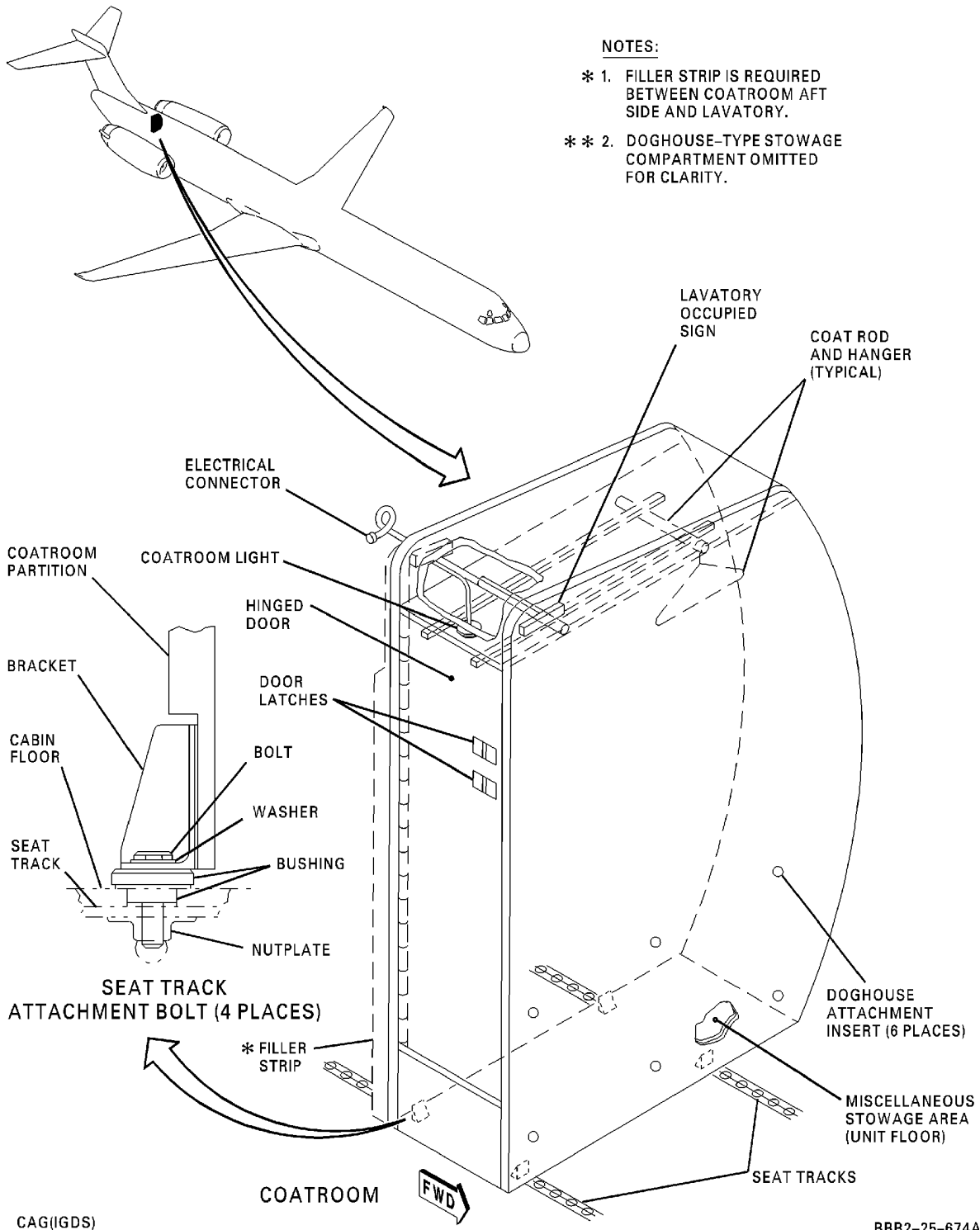
EFFECTIVITY
WJE 873, 874, 892, 893

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TP-80MM-WJE

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NOTES:

- * 1. FILLER STRIP IS REQUIRED BETWEEN COATROOM AFT SIDE AND LAVATORY.
- ** 2. DOGHOUSE-TYPE STORAGE COMPARTMENT OMITTED FOR CLARITY.

**Removable Aft Coatroom
Figure 202/25-24-00-990-856**

BBB2-25-674A

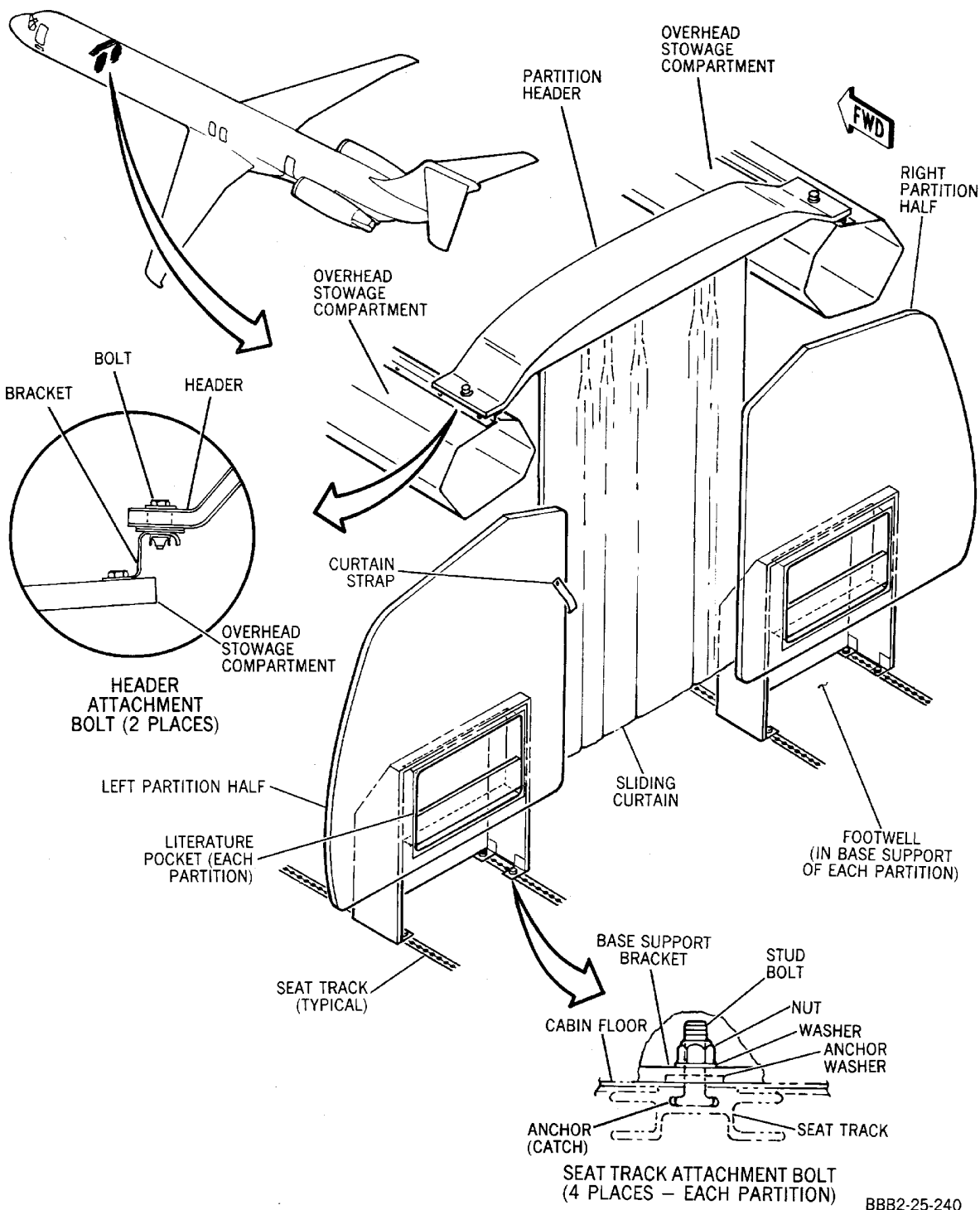
EFFECTIVITY
WJE 410

TP-80MM-WJE

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**Removable Class Divider Partition
Figure 203/25-24-00-990-825**

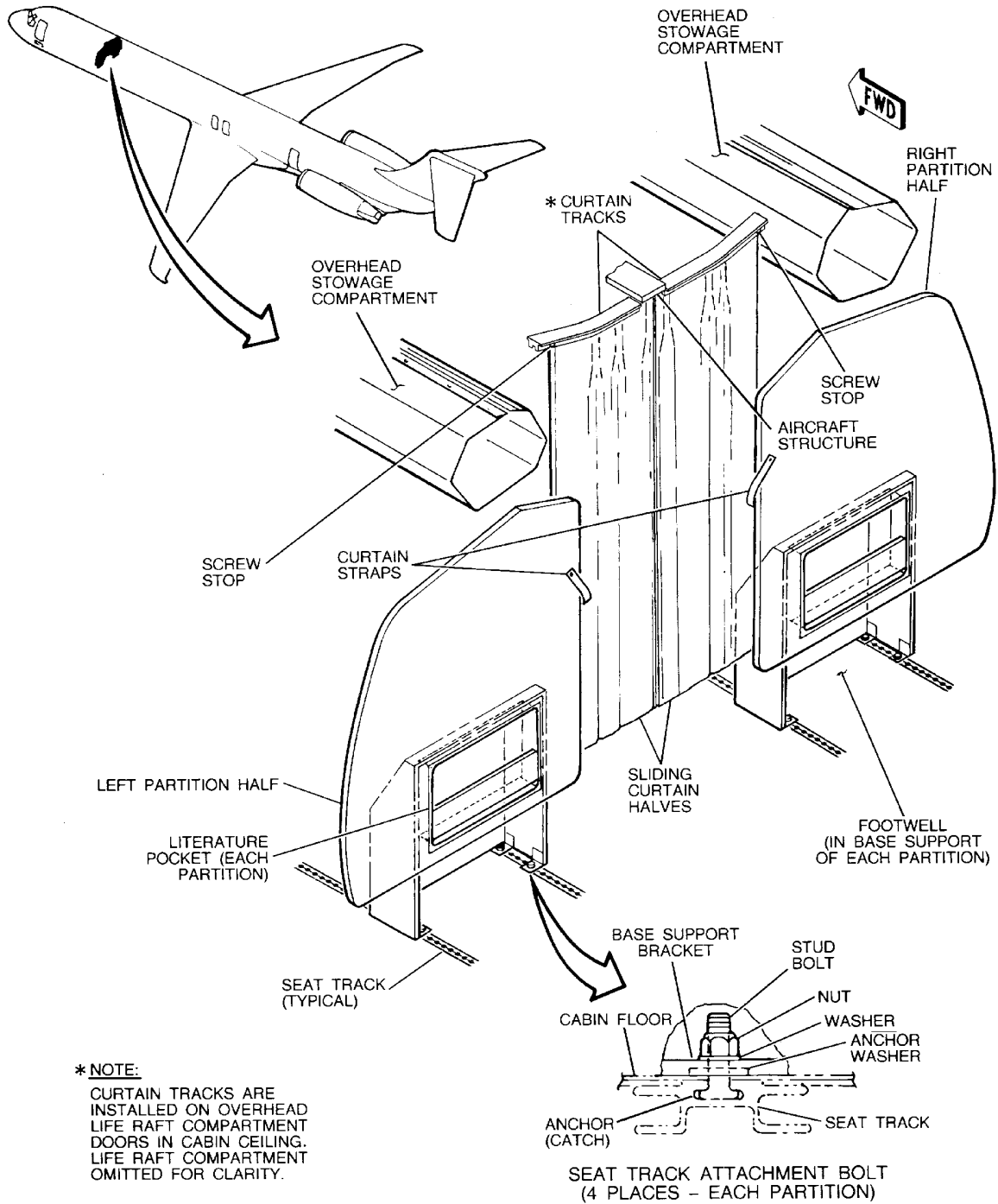
EFFECTIVITY
WJE 873, 874, 892, 893

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BBB2-25-537

**Removable Class Divider Partition
Figure 204/25-24-00-990-822**

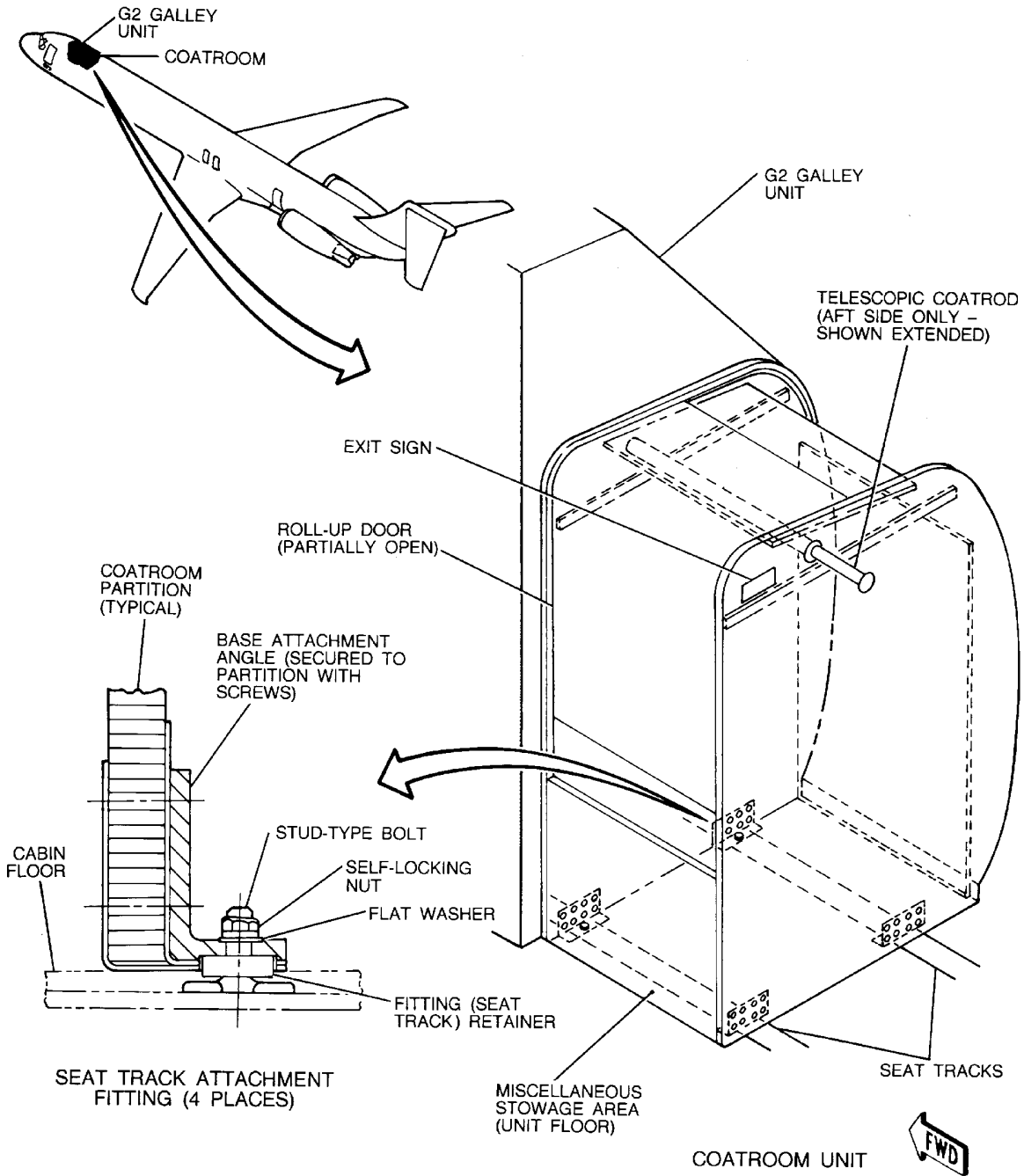
EFFECTIVITY
WJE 401-404, 412, 414

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NOTE:
OVERHEAD STOWAGE
COMPARTMENT
(ABOVE COATROOM)
OMITTED FOR CLARITY

BBB2-25-474

**Removable Forward Coatrooms
Figure 205/25-24-00-990-823 (Sheet 1 of 2)**

EFFECTIVITY
WJE 401-404, 412, 414

TP-80MM-WJE

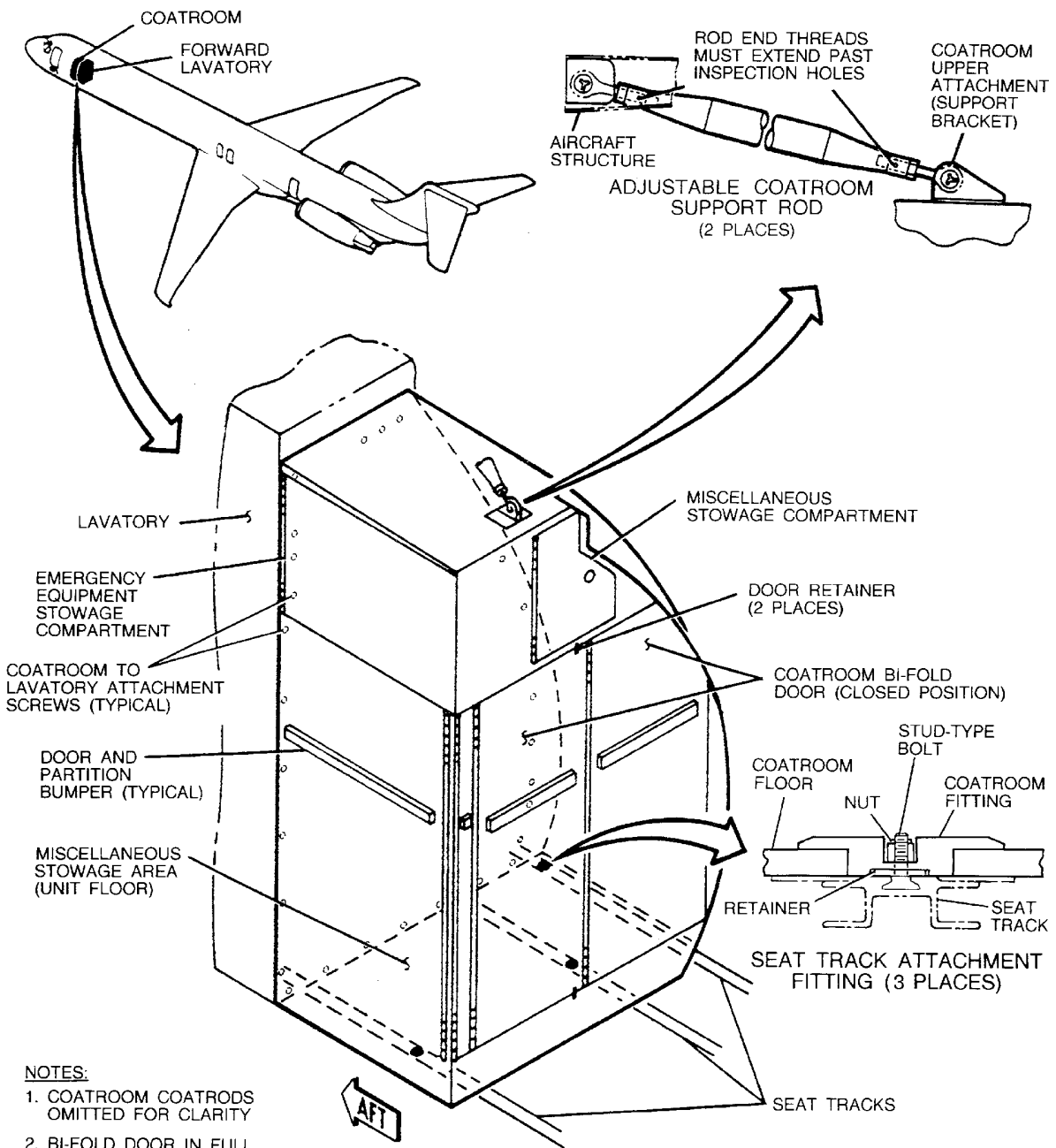
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- NOTES:**
1. COATROOM COATRODS OMITTED FOR CLARITY
 2. BI-FOLD DOOR IN FULL OPEN POSITION RESTS AGAINST INBOARD PARTITION OF UNIT

COATROOM UNIT

BBB2-25-573

**Removable Forward Coatrooms
 Figure 205/25-24-00-990-823 (Sheet 2 of 2)**

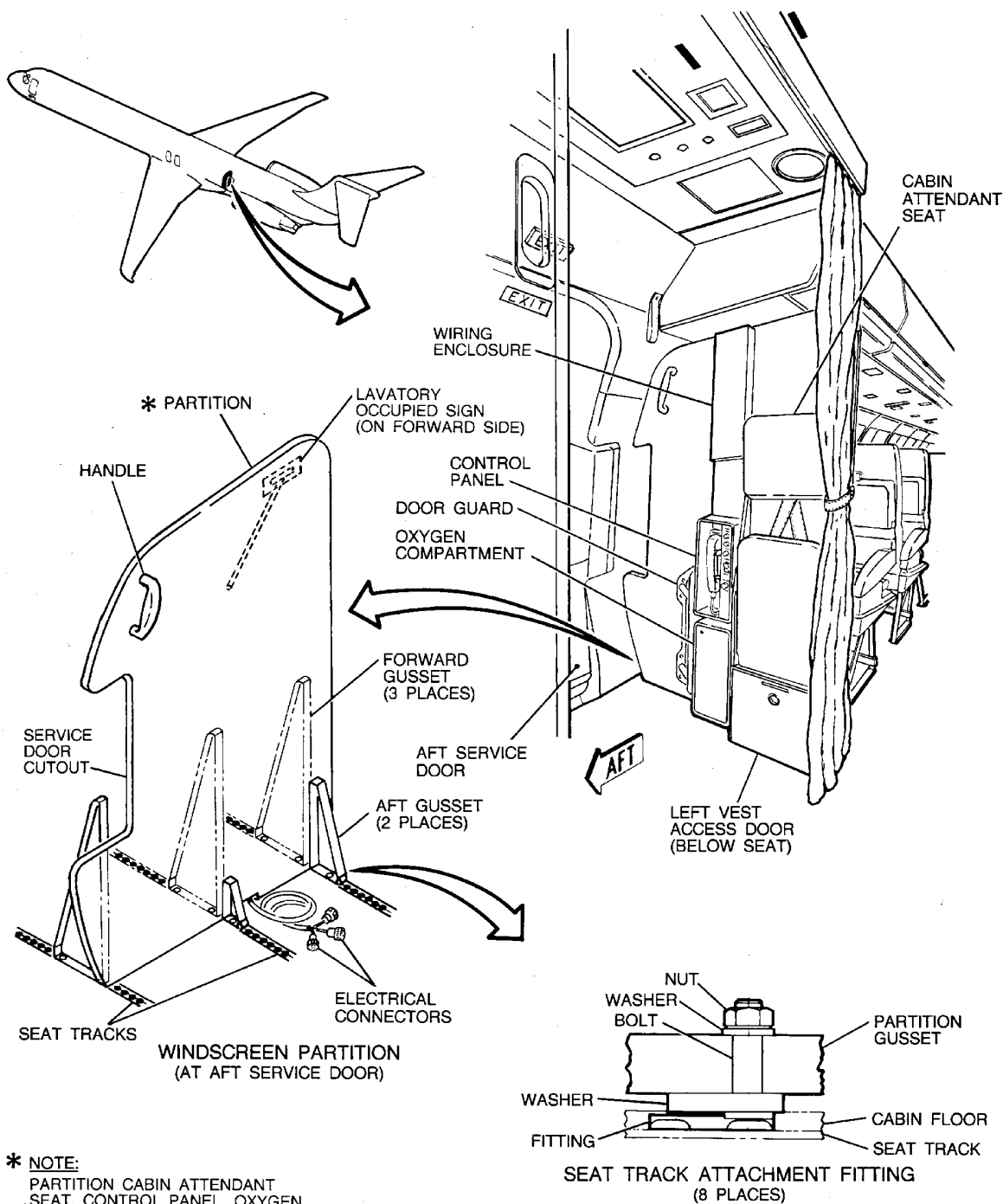
EFFECTIVITY
 WJE 401-404, 412, 414

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BBB2-25-475A

**Removable Windscreen Partition
Figure 206/25-24-00-990-898**

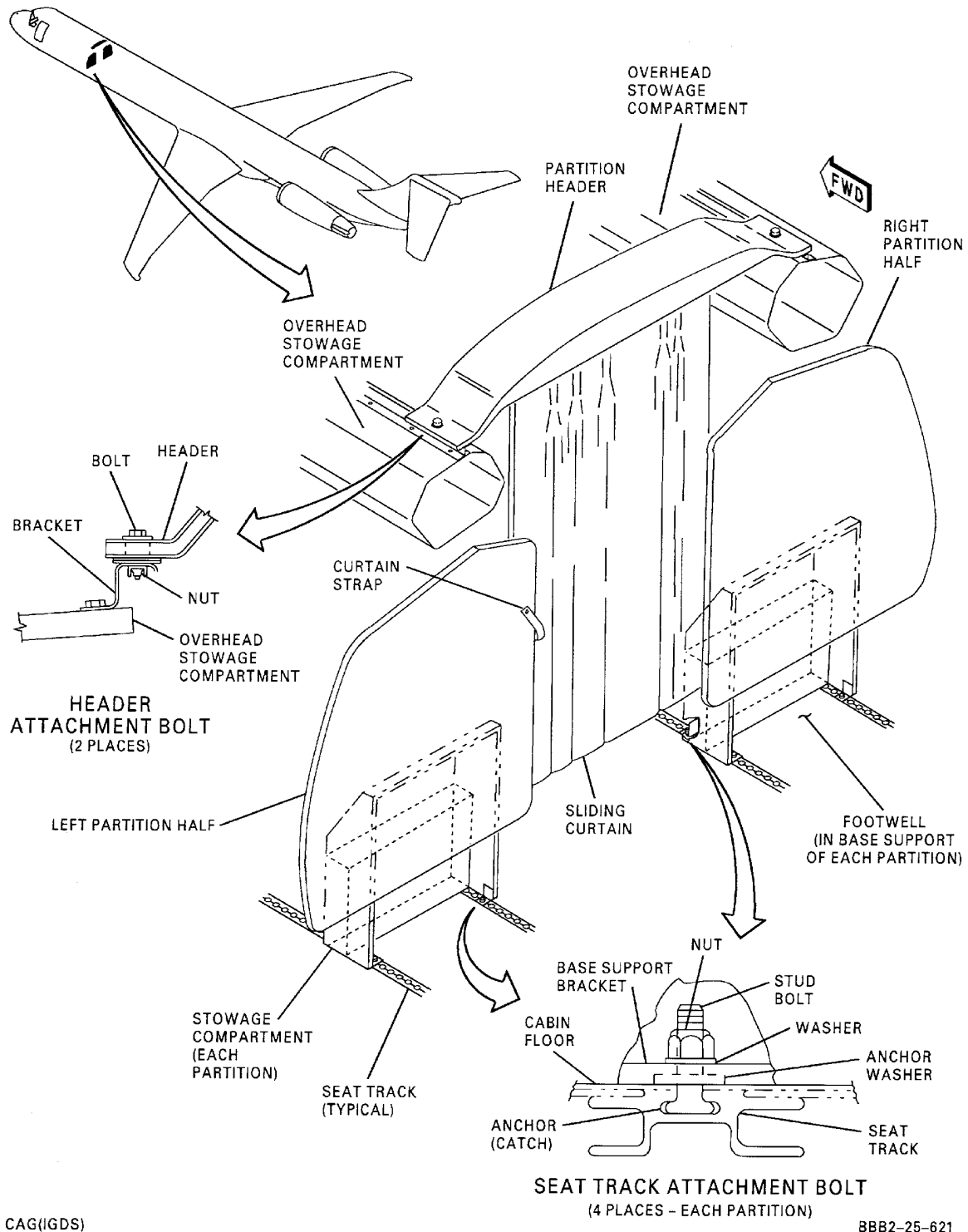
EFFECTIVITY
WJE 401-404, 412, 414

TP-80MM-WJE

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CAG(IIGDS)

8BB2-25-621

**Removable Class Divider Partition
Figure 207/25-24-00-990-839**

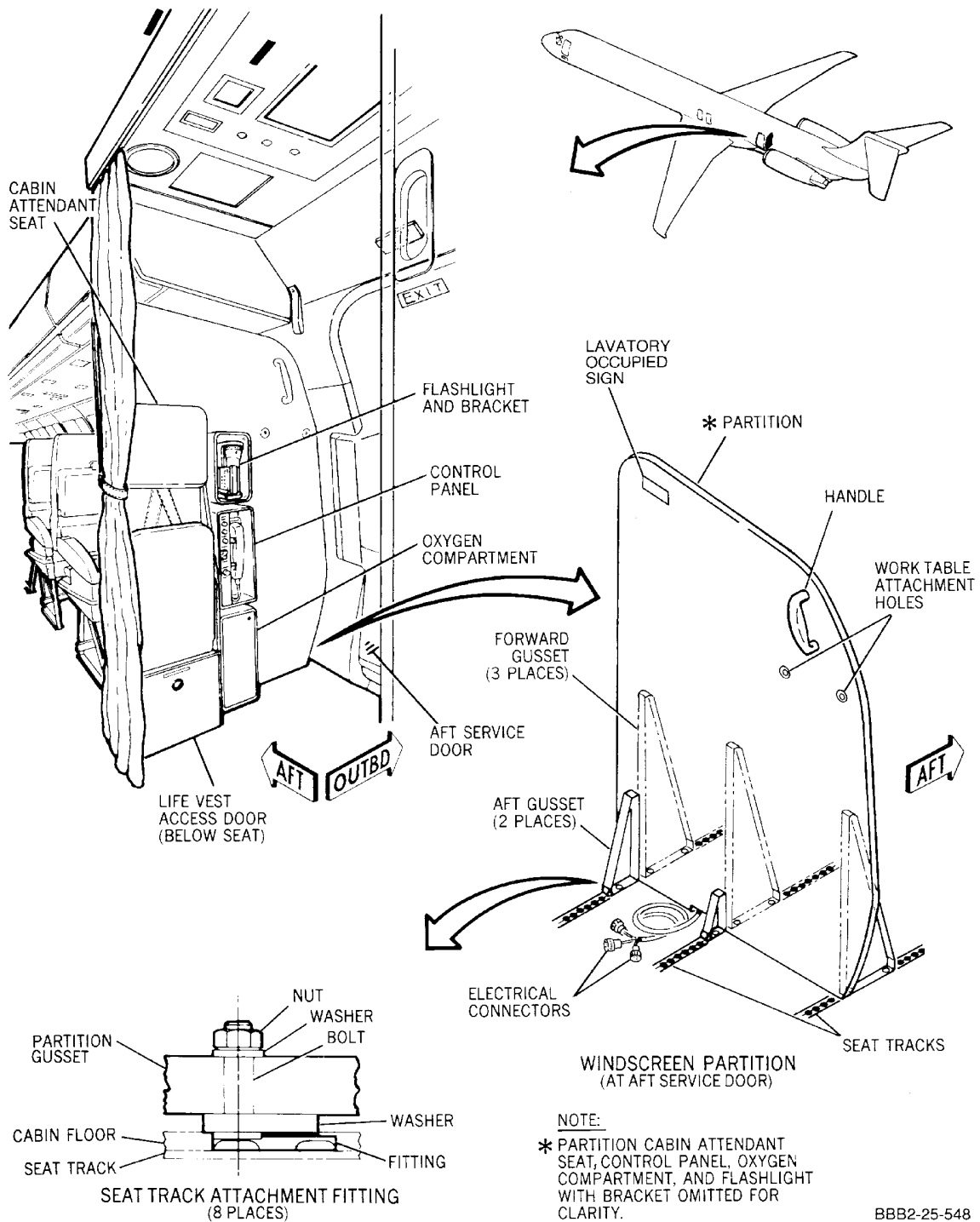
EFFECTIVITY
WJE 886, 887

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**Removable Windscreen Partition
Figure 208/25-24-00-990-866**

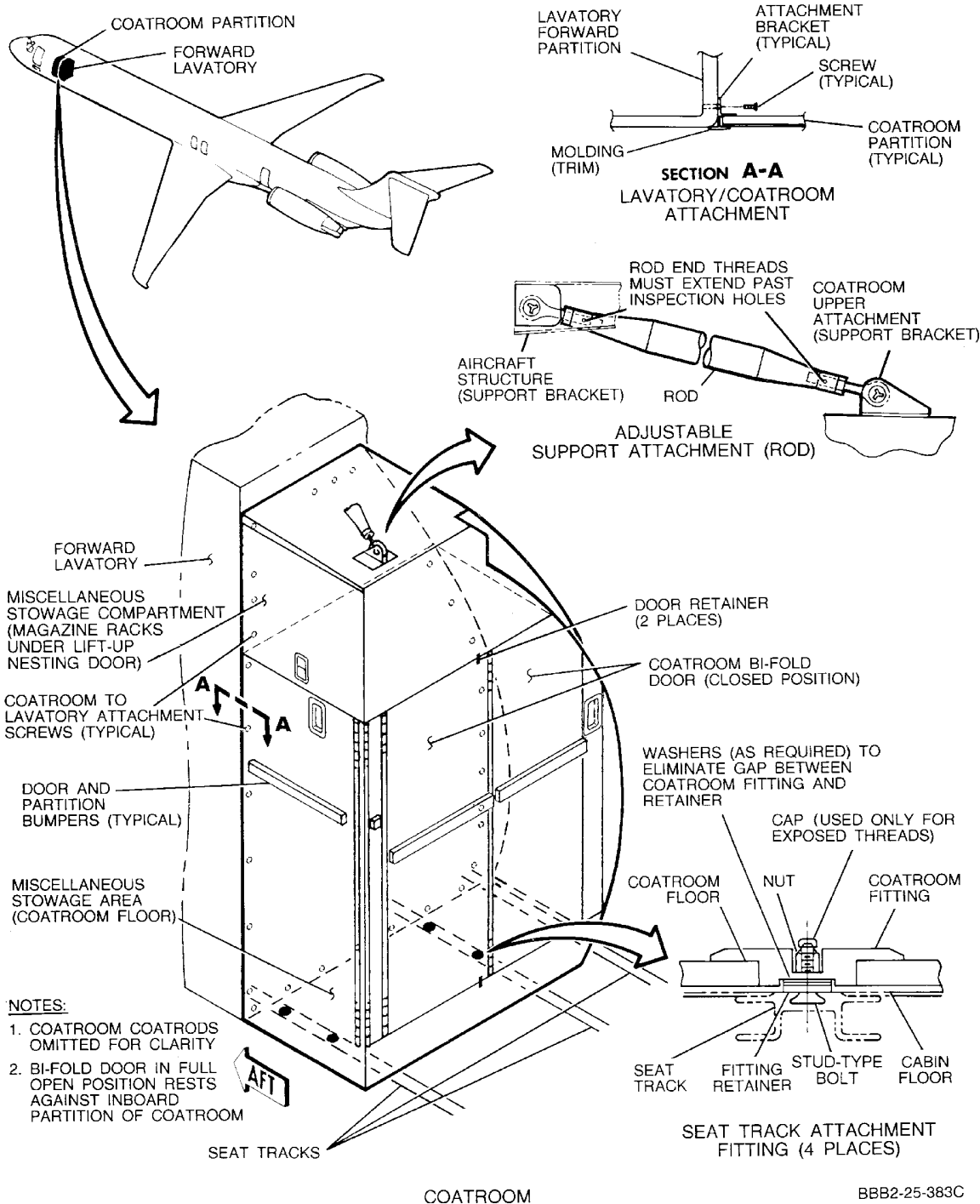
EFFECTIVITY
WJE 886, 887

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**Removable Forward Coatroom
Figure 209/25-24-00-990-877**

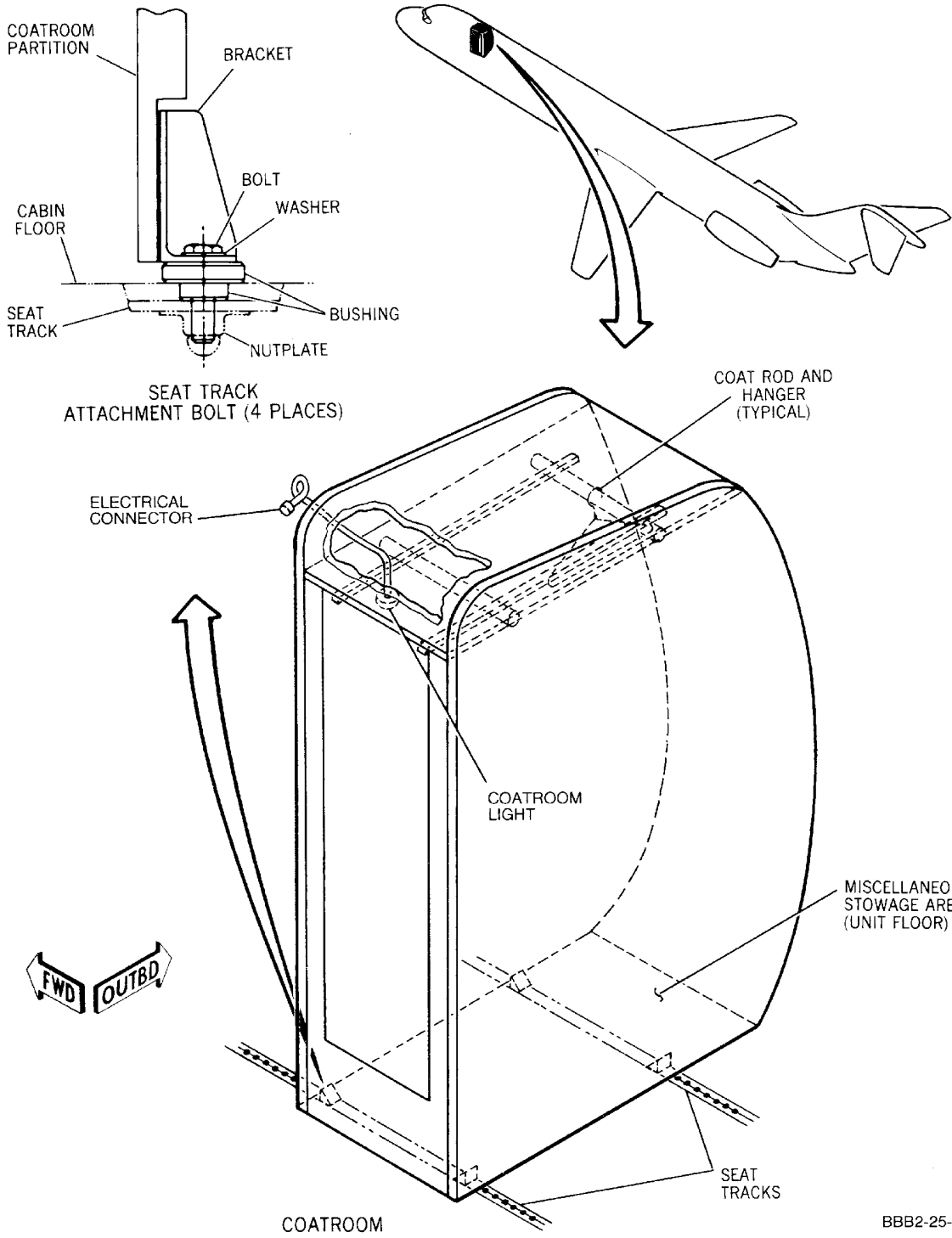
EFFECTIVITY
WJE 886, 887

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BBB2-25-549A

**Removable Forward Right Coatroom
Figure 210/25-24-00-990-881**

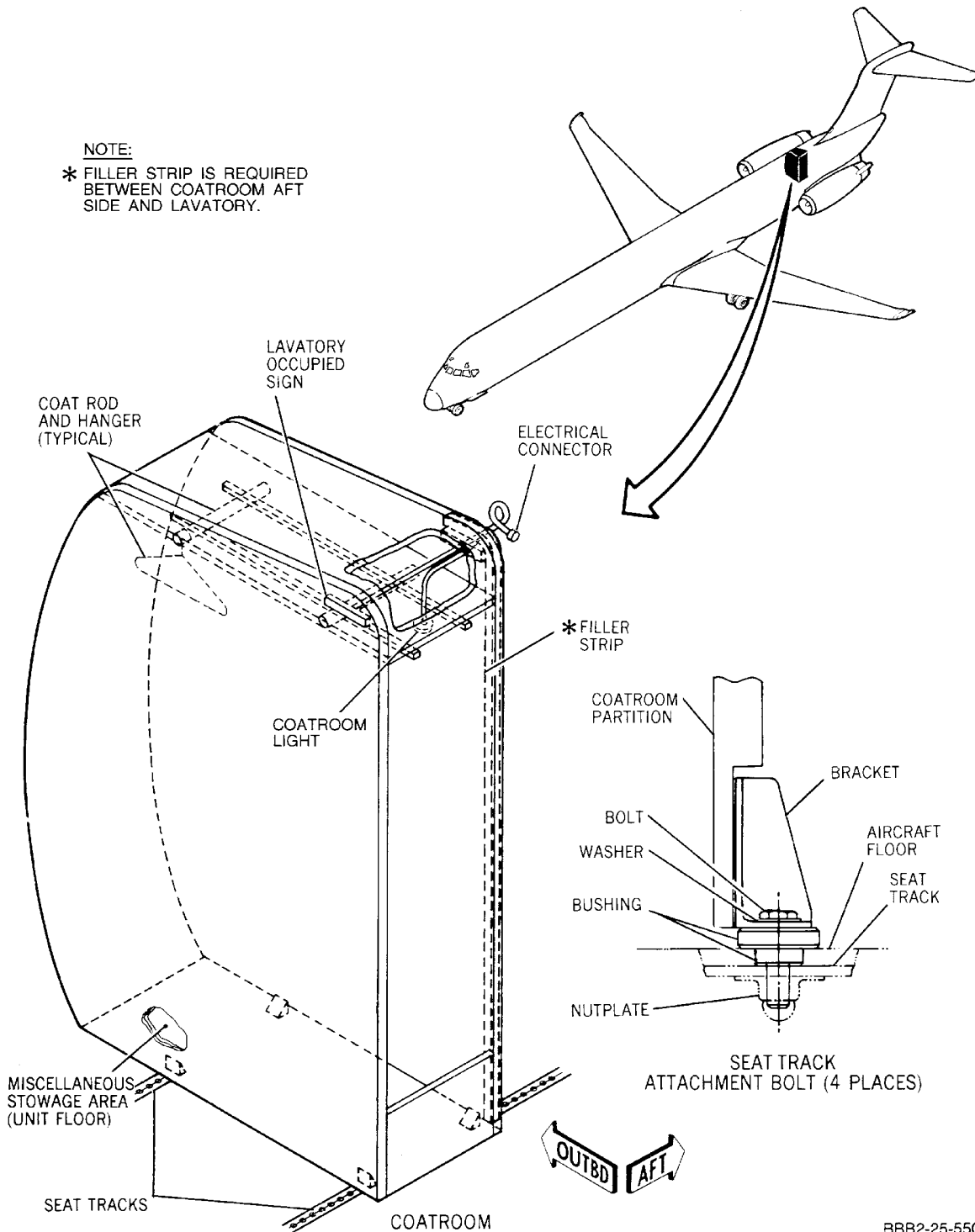
EFFECTIVITY
WJE 886, 887

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BBB2-25-550

**Removable Aft Right Coatroom
Figure 211/25-24-00-990-855**

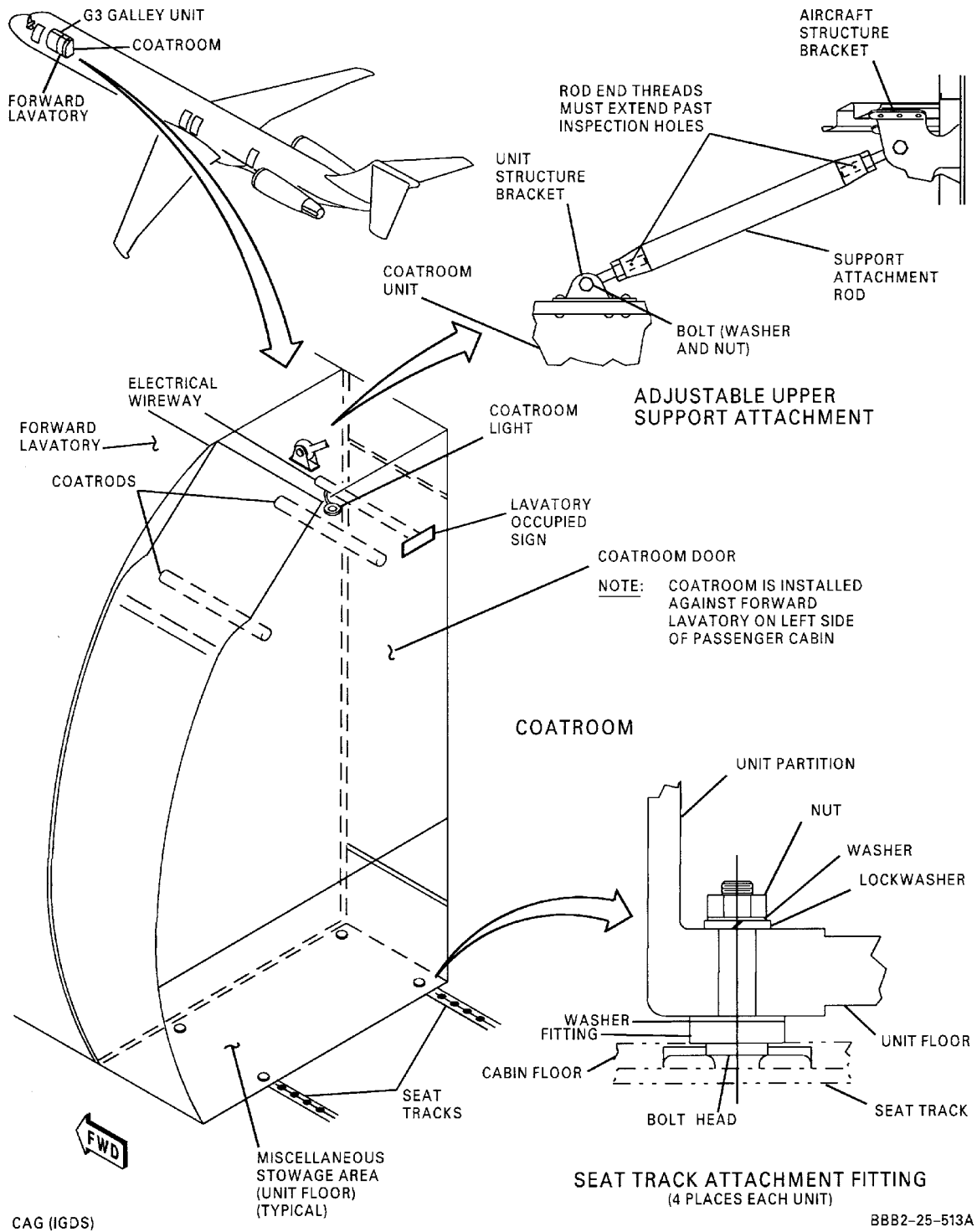
EFFECTIVITY
WJE 886, 887

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**Removable Forward Coatroom Unit
Figure 212/25-24-00-990-886**

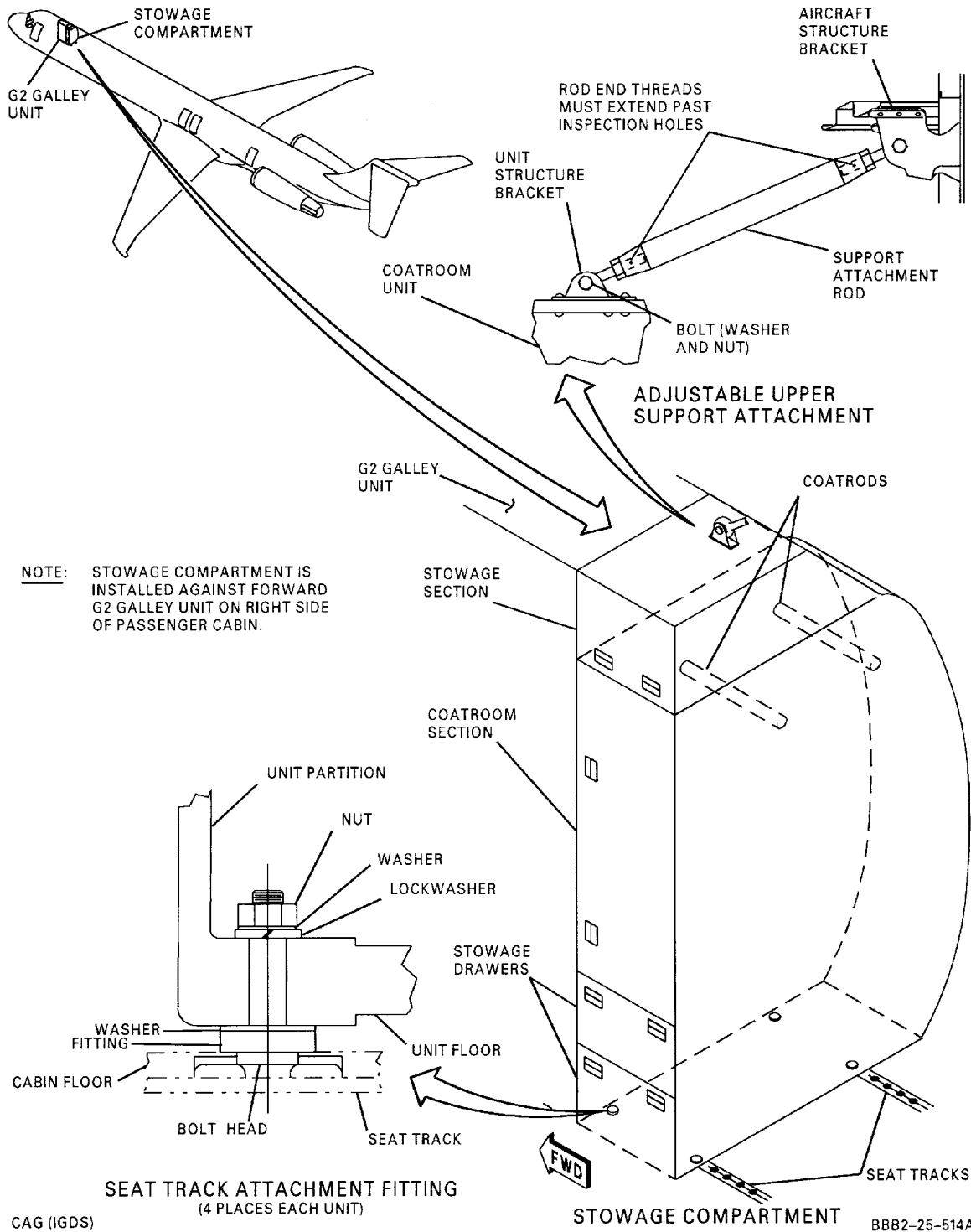
EFFECTIVITY
WJE 407, 408, 411, 880

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Removable Stowage Compartment
Figure 213/25-24-00-990-888

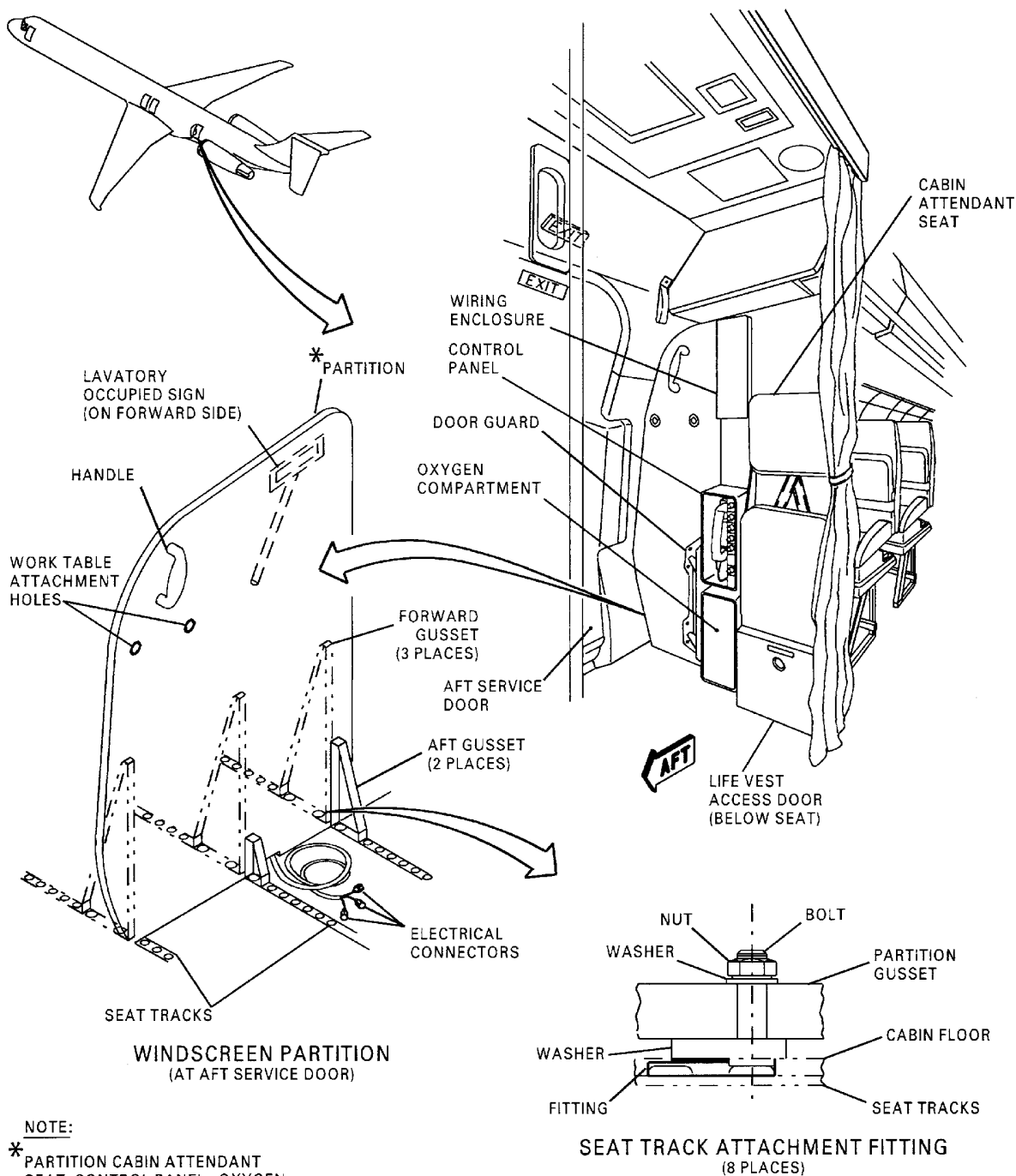
EFFECTIVITY
WJE 407, 408, 411, 880

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NOTE:

* PARTITION CABIN ATTENDANT SEAT, CONTROL PANEL, OXYGEN COMPARTMENT AND WIRING ENCLOSURE OMITTED FOR CLARITY.

CAG(IGDS)

BBB2-25-571

**Removable Windscreen Partition
Figure 214/25-24-00-990-889**

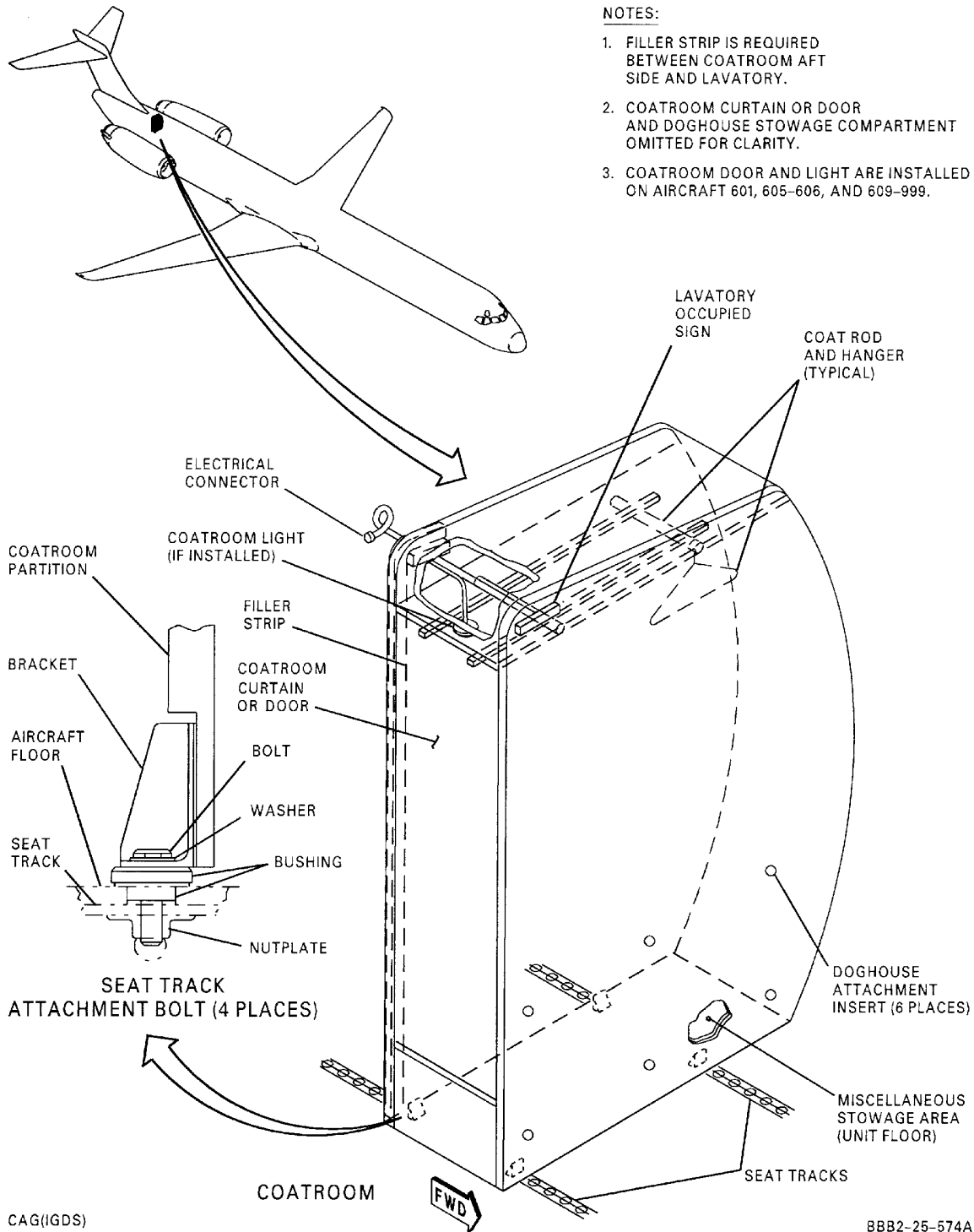
EFFECTIVITY
WJE 407, 408, 411, 880

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NOTES:

1. FILLER STRIP IS REQUIRED BETWEEN COATROOM AFT SIDE AND LAVATORY.
2. COATROOM CURTAIN OR DOOR AND DOGHOUSE STOWAGE COMPARTMENT OMITTED FOR CLARITY.
3. COATROOM DOOR AND LIGHT ARE INSTALLED ON AIRCRAFT 601, 605-606, AND 609-999.

**Removable Aft Coatroom Unit
Figure 215/25-24-00-990-827**

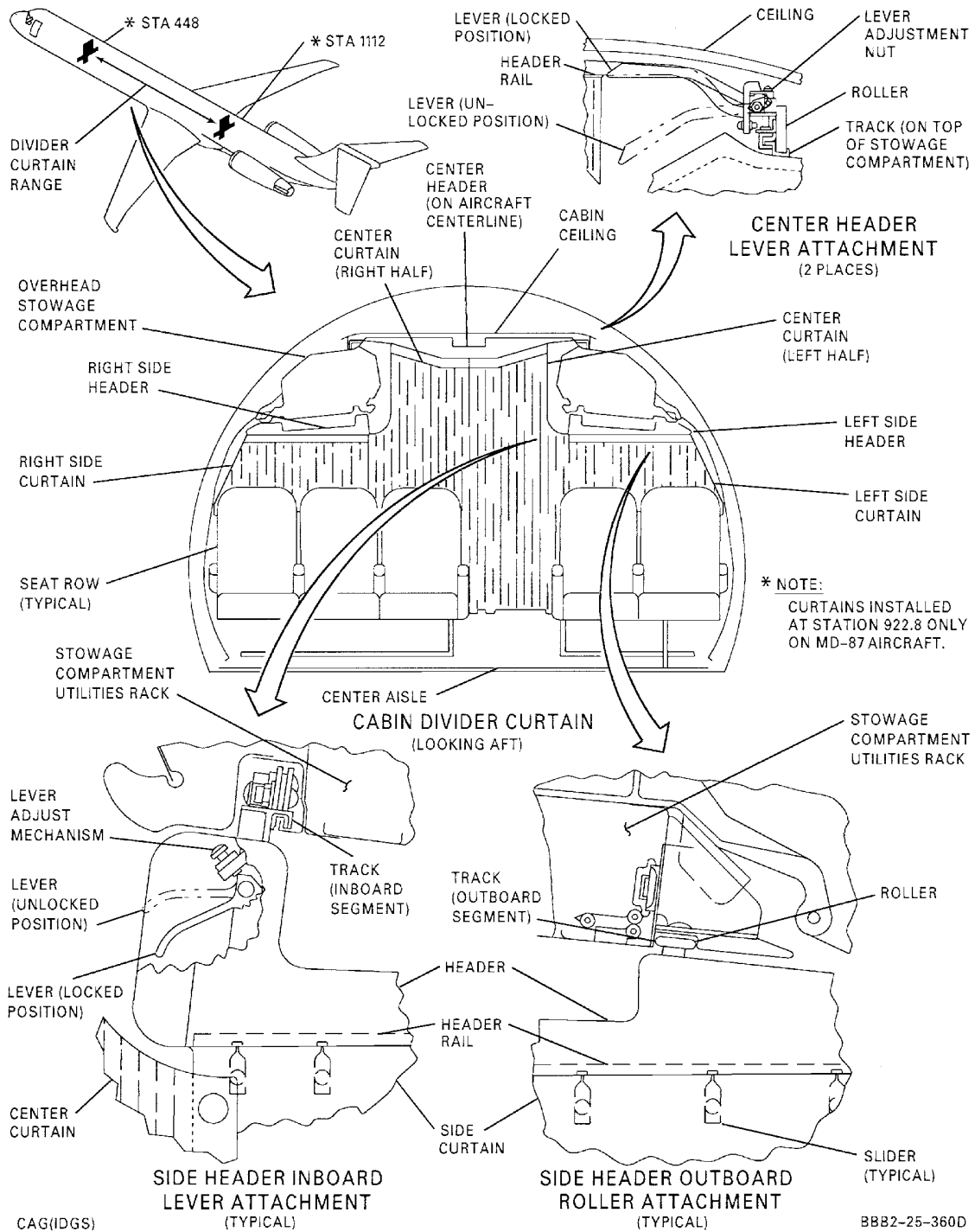
EFFECTIVITY
WJE 405, 406, 409, 881, 883, 884

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**Removable Cabin Divider Curtain
Figure 216/25-24-00-990-846**

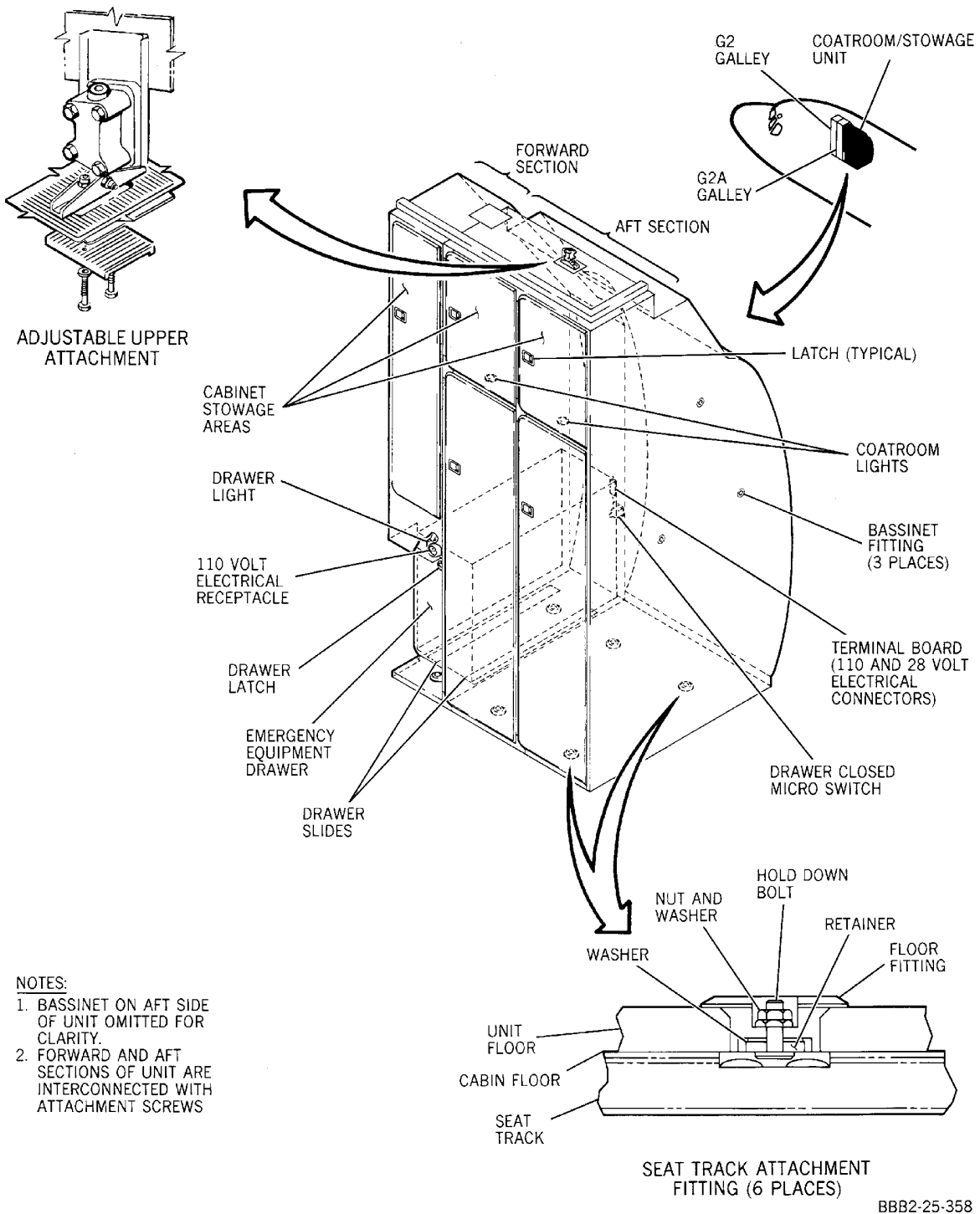
EFFECTIVITY
WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868

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Removable Forward Coathroom/Stowage Unit
Figure 217/25-24-00-990-847

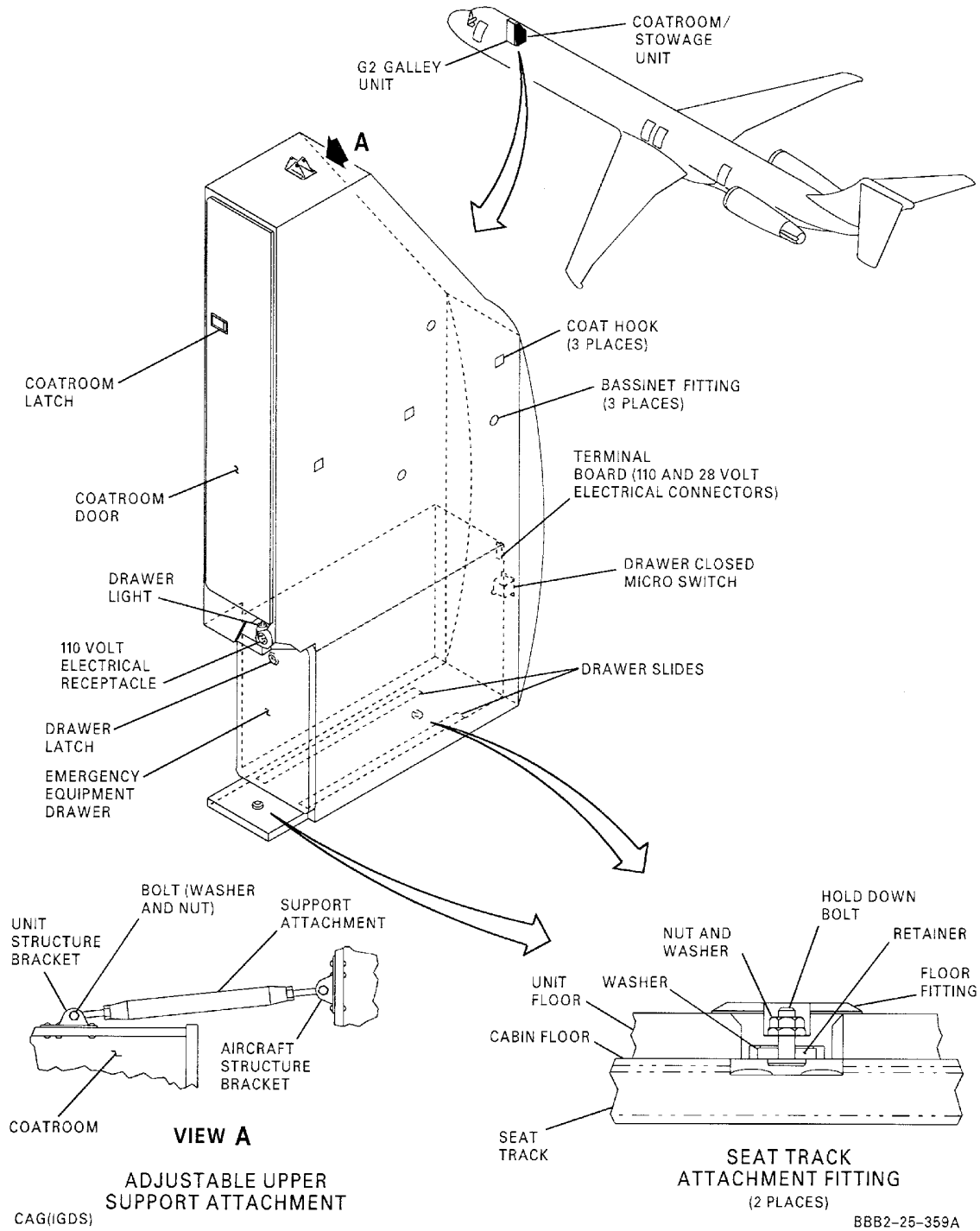
EFFECTIVITY
WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868

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**Removable Forward Coatrroom/Stowage Unit
Figure 218/25-24-00-990-869**

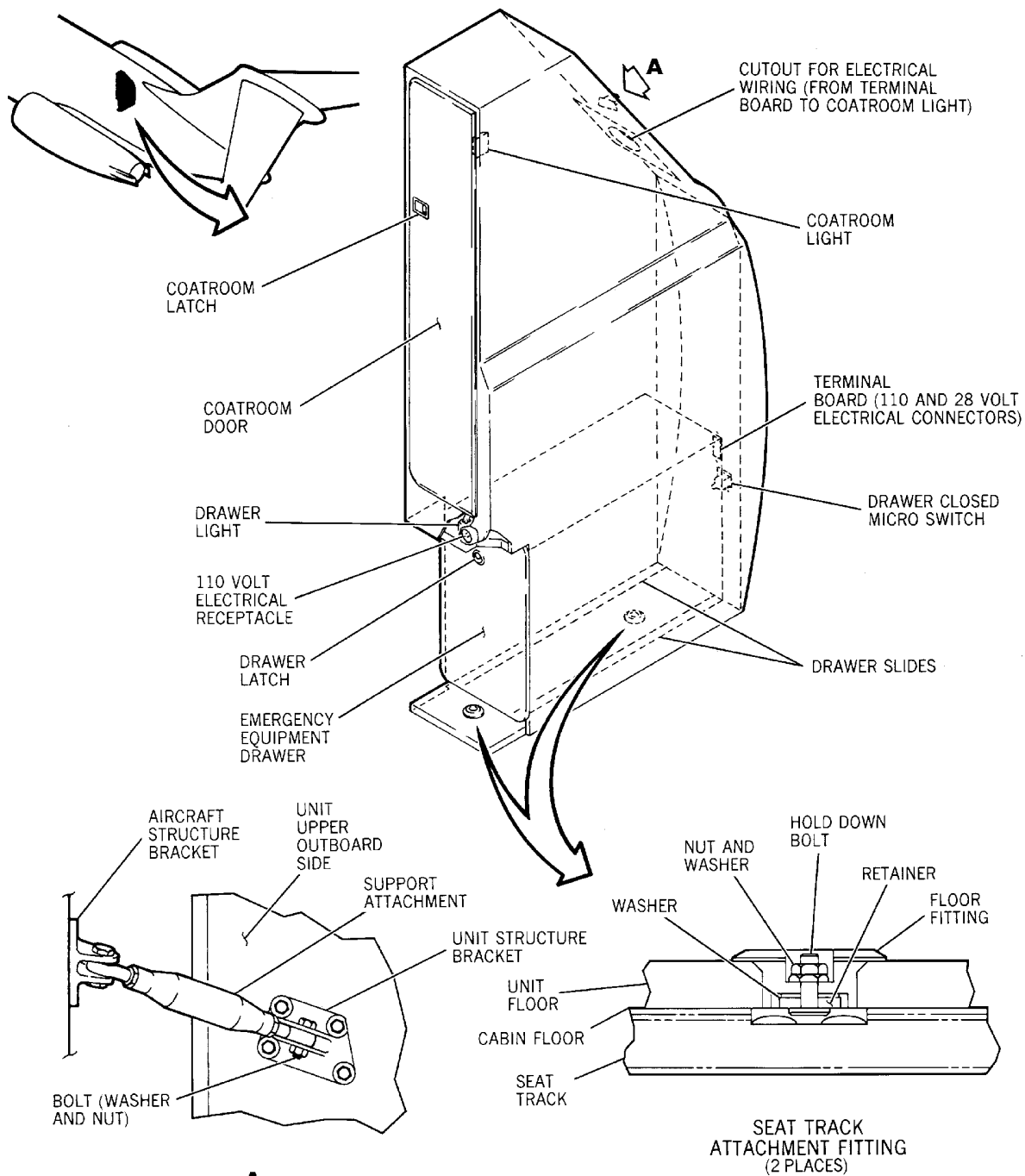
EFFECTIVITY
WJE 416, 418, 420, 424, 426, 429, 869, 871, 872, 891

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VIEW A
 ADJUSTABLE UPPER
 SUPPORT ATTACHMENT

BBB2-25-357

**Removable Aft Coathook/Storage Unit
 Figure 219/25-24-00-990-883**

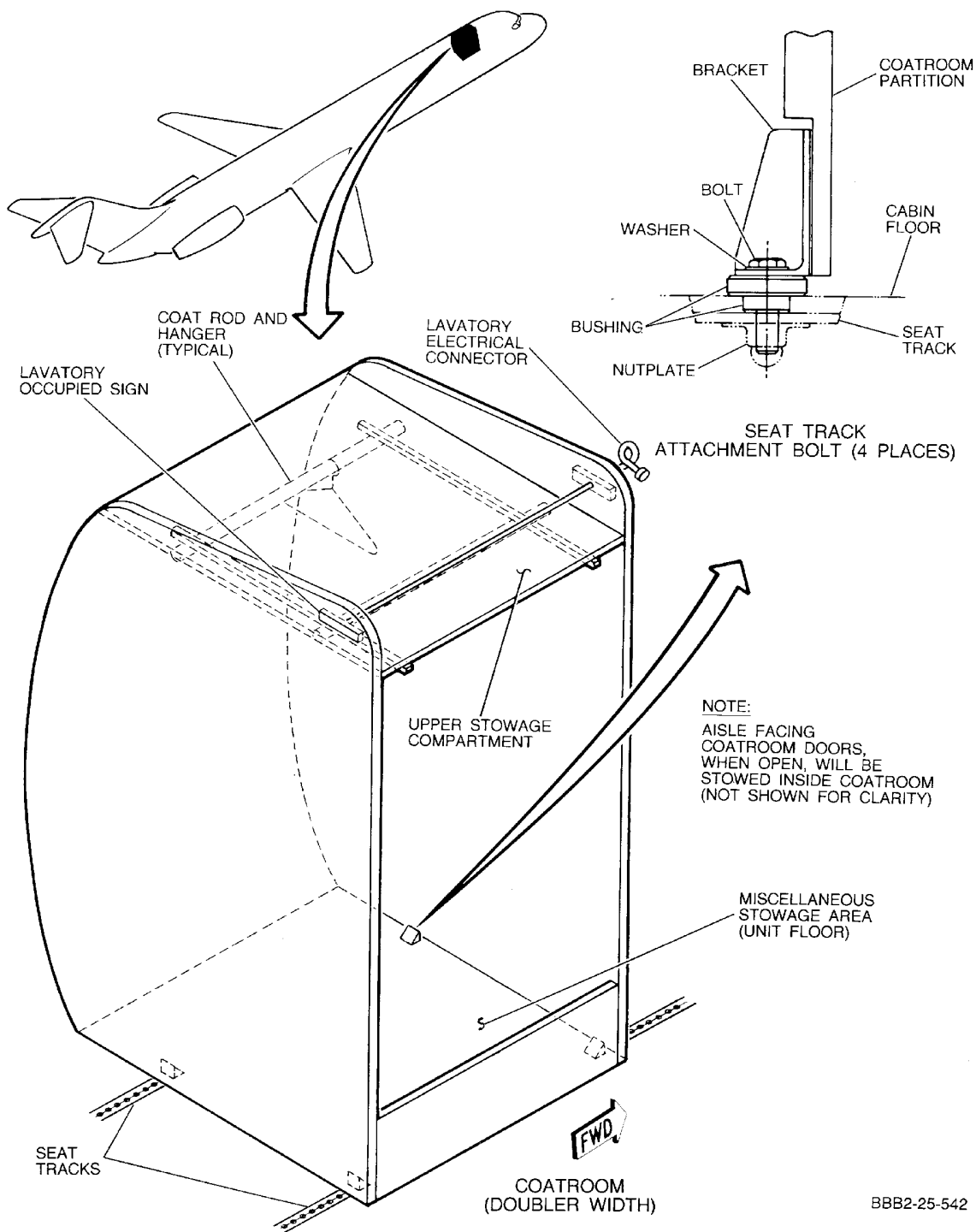
EFFECTIVITY
 WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

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BBB2-25-542

**Removable Forward Coatroom
Figure 220/25-24-00-990-912**

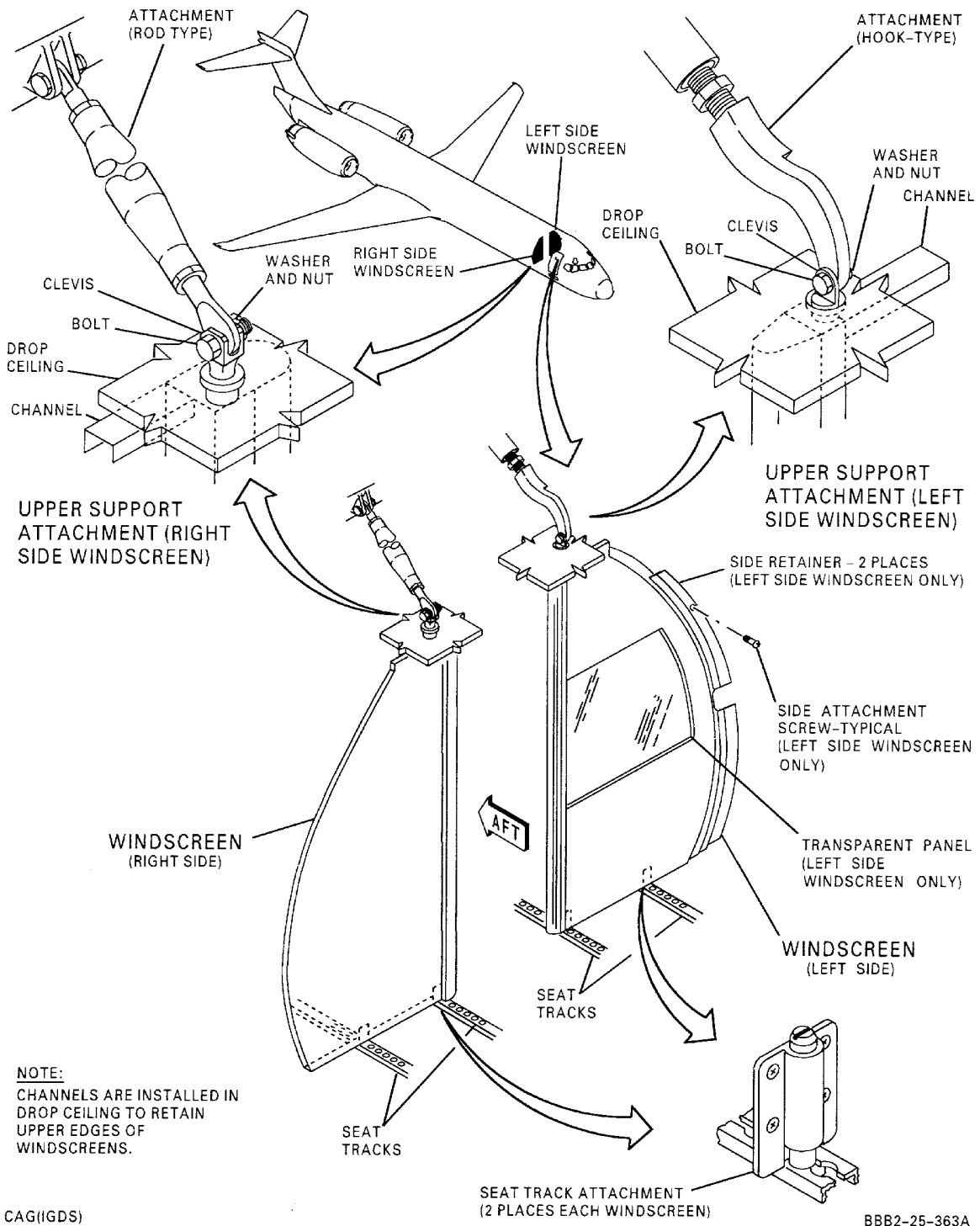
EFFECTIVITY
WJE 873, 874, 892, 893

TP-80MM-WJE

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**Removable Forward Windscreen Partitions
Figure 221/25-24-00-990-834**

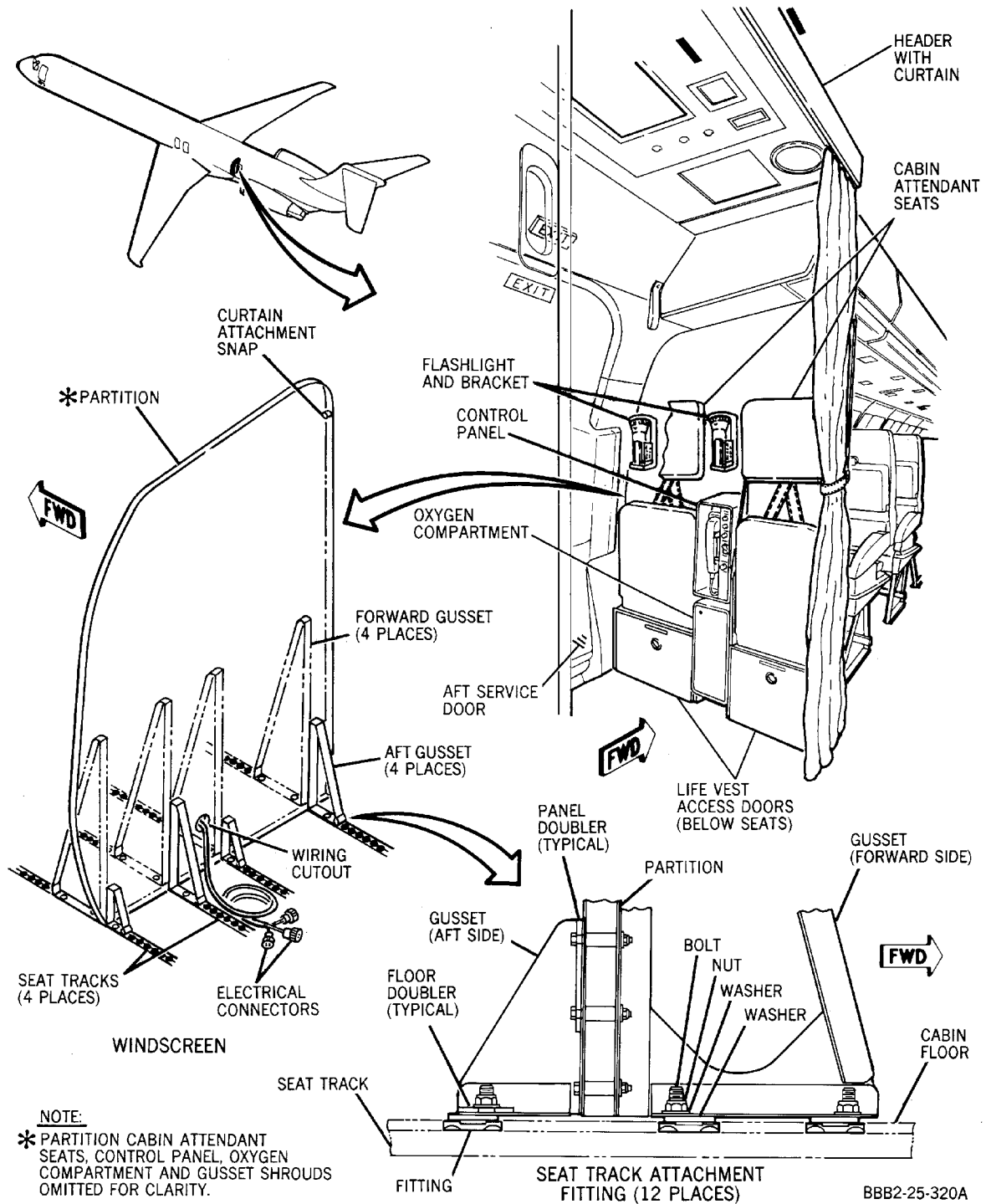
EFFECTIVITY
WJE 875-879

TP-80MM-WJE

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Removable Aft Windscreen Partition
Figure 222/25-24-00-990-842

EFFECTIVITY
WJE 875-879

25-24-00

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OVERHEAD STOWAGE COMPARTMENT AND UTILITIES - DESCRIPTION AND OPERATION

1. General

WJE 405-411, 884

- A. The overhead stowage compartments and utilities (under the stowage compartments) are installed on both sides of the passenger cabin and extend aft from the forward G2 galley unit and lavatory to the aft lavatories, with a break for the customer furnished galley units on the left side of the cabin (on aircraft 101-103, 110, 131-137), the G3 through G6 galley units (on aircraft 104, 126-128), the G3 through G5 galley units (on aircraft 151-153), or the G4 through G6 galley units (on aircraft 105-109, 129-130). The compartments are suitable for stowage of hats, coats, blankets, pillows, briefcases, and miscellaneous lightweight items.

WJE 880, 881, 883

- B. The overhead stowage compartments and utilities (under the stowage compartments) are installed on both sides of the passenger cabin and extend aft from the forward G2 galley unit and lavatory to the aft lavatories, with a break for the customer furnished galley units on the left side of the cabin. The compartments are suitable for stowage of hats, coats, blankets, pillows, briefcases, and miscellaneous lightweight items.

WJE 415-427, 429

- C. The overhead stowage compartments and utilities (under the stowage compartments) are installed on both sides of the passenger cabin and extend aft from the forward coatroom/ stowage compartment and lavatory to the aft coatroom/stowage compartment and G4 galley unit. On aircraft 151-165, additional overhead stowage modules with utilities are installed on the left side of the cabin between the aft G5 galley and aft lavatory. The compartments are suitable for stowage of hats, coats, blankets, pillows, briefcases, and miscellaneous lightweight items.

WJE 861-866, 868, 869, 871, 872, 891

- D. The overhead stowage compartments and utilities (under the stowage compartments) are installed on both sides of the passenger cabin and extend aft from the forward coatroom/ stowage compartment and lavatory to the aft coatroom/stowage compartment and G4 galley unit. The compartments are suitable for stowage of hats, coats, blankets, pillows, briefcases, and miscellaneous lightweight items.

WJE 875-879

- E. The overhead stowage compartments and utilities (under the stowage compartments) are installed on both sides of the passenger cabin and extend aft from the forward windscreens to the aft lavatories, with a break for the G4 galley unit on the left side of the cabin. The compartments are suitable for stowage of hats, coats, blankets, pillows, briefcases, and miscellaneous lightweight items.

WJE 886, 887

- F. The overhead stowage compartments and utilities (under the stowage compartments) are installed on both sides of the passenger cabin and extend aft from the forward G2 galley unit and lavatory to the aft left and right lavatories. The compartments are suitable for stowage of hats, coats, blankets, pillows, briefcases, and miscellaneous lightweight items.

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WJE 893

- G. The overhead stowage compartments and utilities (under the stowage compartments) are installed on both sides of the passenger cabin and extend aft from the forward G2 galley unit and lavatory to the aft lavatories, with a break for the G3 or G3A (on aircraft 105-106, 112), or G3 and G3A (on aircraft 102-104, 151), or G3, G4, G4B, and G5 (on aircraft 108), and G4 galley units on the left side of the cabin. The compartments are suitable for stowage of hats, coats, blankets, pillows, briefcases, and miscellaneous lightweight items.

WJE 873, 874, 892

- H. The overhead stowage compartments and utilities (under the stowage compartments) are installed on both sides of the passenger cabin and extend aft from the forward G2 galley unit and lavatory to the aft lavatories, with a break for each galley. The compartments are suitable for stowage of hats, coats, blankets, pillows, briefcases, and miscellaneous lightweight items.

WJE 401-404

- I. The overhead stowage compartments and utilities (under the stowage compartments) are installed on both sides of the passenger cabin and extend aft from the forward G2 galley unit and lavatory to the aft G5 galley unit or lavatory on the right side of the cabin, and to the windscreen at the galley service door on the left side of the cabin. Aircraft 113-999 do not have a G5 galley unit. The compartments are suitable for stowage of hats, coats, blankets, pillows, briefcases, and miscellaneous lightweight items.

WJE 401-411, 415-427, 429, 884, 886, 887, 893

- J. The overhead stowage compartments and utilities (under the stowage compartments) are installed on both sides of the passenger cabin and extend aft from the forward coatrooms (or G2 galley and lavatory) with a break on the right side of the cabin at galley units 6 or 6B (on aircraft 109-112), galley unit G3 (on aircraft 101-108), and the G5 galley unit or lavatory (on aircraft 401-402) and a break on the left side of the cabin at galley unit 3 (on aircraft 109-112), the G2 galley unit (on aircraft 101-108), and at the windscreen at the galley service door (on aircraft 401-402). The compartments are suitable for stowage of hats, coats, blankets, pillows, briefcases, and miscellaneous lightweight items.

WJE ALL

2. Overhead Stowage Compartments and Utilities

- A. Description

WJE 401-412, 414, 873-881, 883, 884, 886, 887, 892, 893

- (1) Overhead Stowage Compartments - The overhead stowage compartments on both sides of the passenger cabin consist of hinged sections that can be lowered individually to provide inspection or maintenance access for the utility duct, conditioned air ducts, electrical power outlets, and oxygen generating and dispensing units. The compartment hinges are supported by a dual turnbuckle arrangement which provides a universal adjustment for the hinge point. This permits adjusting the individual sections so the linear continuity can be maintained for the full length of the passenger compartment. Passenger utility and speaker panels are mounted on the lower surface of the stowage compartment for each row of passenger seats.

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WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (2) Overhead Stowage Compartments - The overhead stowage compartments on both sides of the passenger cabin consist of hinged sections that can be lowered individually to provide inspection or maintenance access for the utility duct, conditioned air ducts, electrical power outlets, and oxygen generating and dispensing units. The compartment hinges are supported by a dual turnbuckle arrangement which provides a universal adjustment for the hinge point. This permits adjusting the individual sections so the linear continuity can be maintained for the full length of the passenger compartment. Passenger utility and speaker panels are mounted on the lower surface of the stowage compartment for each row of passenger seats. A handrail is incorporated on the lower aisleway side of the overhead stowage compartments extending the full length of the passenger cabin.

WJE 401-411, 873-881, 883, 884, 886, 887, 892, 893

- (3) Passenger Utility Panel - The passenger utility panel, consisting of reading lights, cold air outlets, attendant call buttons, and oxygen masks, is mounted on the stowage compartment lower surface. The panel is supported by slide channels, can be adjusted forward or aft, and is secured by latch levers inside the panel. Fasteners on the inboard edge permit the panel to be opened for access to the slide channel latch levers. The utility panel is fitted with an umbilical cord which incorporates quick-disconnect fittings to the aircraft supply of cold air, electrical power, and oxygen. The panel door is hinged from the outboard side of the compartment and can be lowered for servicing or inspection without removing the panel from the stowage compartment.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (4) Passenger Utility Panel - The passenger utility panel, consisting of reading lights, cold air outlets, attendant call buttons, and oxygen masks, is mounted on the stowage compartment lower surface. The panel is supported by slide channels, can be adjusted forward or aft, and is secured by a captive screw-attached hinge on the outboard side the panel. The utility panel is fitted with an umbilical cord which incorporates a cold air hose and an electrical wire bundle with a quick-disconnect fitting . The panel door is hinged from the outboard side of the compartment which allows the panel to be lowered for servicing or inspection without removing the panel from the stowage compartment.

WJE 401-411, 873-881, 883, 884, 886, 887, 892, 893

- (5) Passenger Speaker Panel - The passenger speaker panel, consisting of a speaker and transformer, is mounted on the stowage compartment lower surface. The speaker panel is supported by slide channels, can be adjusted forward or aft, and is secured by bolts inside the panel. The adjacent utility panel must be opened for access to the slide channel bolts in the speaker panel. The panel door is hinged from the outboard side of the compartment and can be lowered for servicing or inspection without removing the panel from the stowage compartment. The speaker electrical disconnect is located inside the speaker panel.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (6) Passenger Speaker Panel - The passenger speaker panel, consisting of a speaker, or a speaker with a no smoking fasten seat belt sign, or a speaker with a flotation cushion/life vest sign, is mounted on the stowage compartment lower surface. The speaker panel is supported by slide channels, can be adjusted forward or aft, and is secured by a captive screw-attached hinge on the outboard side of the panel. The adjacent utility panel must be opened for access to the slide channel bolts in the speaker panel. The panel door is hinged from the outboard side of the compartment and can be lowered for servicing or inspection without removing the panel from the stowage compartment. The speaker electrical disconnect is located inside the utility panel.

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OVERHEAD STOWAGE COMPARTMENTS AND UTILITIES - MAINTENANCE PRACTICES

1. General

A. This section provides removal and installation procedures for the overhead stowage compartments located on both sides of the passenger cabin above the passenger seats. Individual utility and speaker panels are mounted on the lower surface of the stowage compartments for each row of passenger seats. Stowage compartment door adjustment instructions are also included in this section.

2. Removal/Installation Overhead Stowage Compartment

A. Remove Compartment (Figure 201)

WARNING: TAG AND SAFETY ALL CIRCUIT BREAKERS OPENED.

(1) Open these circuit breakers and install safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-699	SIDEWALL LIGHTS - LOWER CONTROL
		B1-698	SIDEWALL LIGHTS - LOWER LEFT
		B1-697	SIDEWALL LIGHTS - LOWER RIGHT
		B1-703	SIDEWALL LIGHTS - UPPER CONTROL
		B1-702	SIDEWALL LIGHTS - UPPER LEFT
		B1-701	SIDEWALL LIGHTS - UPPER RIGHT

LOWER EPC, DC AIR CONDITIONING & MISCELLANEOUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
W	30	B1-365	PASSENGER WARNING SIGNS

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

UPPER EPC, L AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 417, 419, 421, 423, 865, 869, 871, 872			
K	31	B1-870	PASSENGER OXYGEN RELEASE

WJE 401-412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873-881, 883, 884, 886, 887, 891-893

K	34	B1-870	PASSENGER OXYGEN RELEASE
---	----	--------	--------------------------

UPPER EPC, LEFT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE ALL			
F	19	B10-120	PASSENGER MUSIC
WJE 405, 409, 410, 873, 874, 877, 880, 884, 886, 887, 892, 893			
F	22	B10-117	PASSENGER ADDRESS

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WJE 405, 409, 410, 873, 874, 877, 880, 884, 886, 887, 892, 893 (Continued)

(Continued)

UPPER EPC, LEFT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

WJE ALL

UPPER EPC, LIGHTS - LEFT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

K	20	B1-489	PASSENGER READING-FWD
K	21	B1-296	PASSENGER READING - CENTER
K	22	B1-490	PASSENGER READING-AFT
K	23	B1-366	PASSENGER WARNING SIGNS

UPPER EPC, R AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

WJE 417, 419, 421, 423, 865, 869, 871, 872

L	31	B1-871	ALTERNATE PASSENGER OXYGEN RELEASE
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WJE 401-412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873-881, 883, 884, 886, 887, 891-893

L	34	B1-871	ALTERNATE PASSENGER OXYGEN RELEASE
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WJE ALL

- (2) Remove fasteners from lower sidewall panel, below stowage compartment being removed; then, disengage and remove panel for access to lower attachments on compartment.
- (3) Remove lower sidewall lights from stowage compartment.
- (4) Remove applicable ceiling panels as required for access to upper attachments on stowage compartment. (PAGEBLOCK 25-28-00/201)

CAUTION: DISCONNECT THE ELECTRICAL CONNECTORS BEFORE LOWERING THE STOWAGE COMPARTMENT. DAMAGE WILL OCCUR TO THE ELECTRICAL CONNECTORS IF THEY ARE NOT DISCONNECTED FROM EACH OTHER WHEN THE STOWAGE COMPARTMENT IS LOWERED.

- (5) Remove upper sidewall lights from stowage compartment and disconnect sidewall lights electrical connector from forward and aft ends of compartment. Disconnect connector from aircraft side wiring if applicable.

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

- (6) Disengage fasteners on outboard side of utility panel and lower panel to full open position.

WJE 875-879

- (7) Disengage fasteners on outboard side of utility panel and lower panel to full open position. Take care to prevent gap filler from falling as panel is lowered.

WJE ALL

- (8) Disconnect cold air supply hose and panel electrical connector. (Figure 202)
- (9) Disconnect speaker electrical connections from utility panel terminal strip.
- (10) Disengage and remove utility panel from stowage compartment.
- (11) Disengage fasteners on outboard side of speaker panel and lower panel to full open position.

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WJE ALL

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(12) Disengage and remove speaker panel from stowage compartment.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

(13) Remove vertical trim (gap cover) from between stowage compartment breaks.

WJE ALL

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

(14) Remove horizontal trim strips from between stowage compartment breaks at bottom of compartment (bullnose area).

WJE ALL

(15) If applicable, remove filler panel from between stowage compartment ends at galley or lavatory partition. Screws attach filler trim to compartment and partition.

(16) Hold stowage compartment in place and disconnect upper attachments, then, lower compartment until it rests on top of seat backs.

(Figure 202)

(17) Remove hinge bolts from lower attachments.

(18) Remove stowage compartment.

B. Install Compartment (Figure 201)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

(1) Make sure that these circuit breakers are open and have safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-699	SIDEWALL LIGHTS - LOWER CONTROL
		B1-698	SIDEWALL LIGHTS - LOWER LEFT
		B1-697	SIDEWALL LIGHTS - LOWER RIGHT
		B1-703	SIDEWALL LIGHTS - UPPER CONTROL
		B1-702	SIDEWALL LIGHTS - UPPER LEFT
		B1-701	SIDEWALL LIGHTS - UPPER RIGHT

LOWER EPC, DC AIR CONDITIONING & MISCELLANEOUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
W	30	B1-365	PASSENGER WARNING SIGNS

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

UPPER EPC, L AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>	
WJE 417, 419, 421, 423, 865, 869, 871, 872	K	31	B1-870	PASSENGER OXYGEN RELEASE

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MD-80 AIRCRAFT MAINTENANCE MANUAL

WJE 417, 419, 421, 423, 865, 869, 871, 872 (Continued)

(Continued)

UPPER EPC, L AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
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WJE 401-412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873-881, 883, 884, 886, 887, 891-893

K	34	B1-870	PASSENGER OXYGEN RELEASE
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UPPER EPC, LEFT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

WJE ALL

F	19	B10-120	PASSENGER MUSIC
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WJE 405, 409, 410, 873, 874, 877, 880, 884, 886, 887, 892, 893

F	22	B10-117	PASSENGER ADDRESS
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WJE ALL

UPPER EPC, LIGHTS - LEFT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

K	20	B1-489	PASSENGER READING-FWD
K	21	B1-296	PASSENGER READING - CENTER
K	22	B1-490	PASSENGER READING-AFT
K	23	B1-366	PASSENGER WARNING SIGNS

UPPER EPC, R AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

WJE 417, 419, 421, 423, 865, 869, 871, 872

L	31	B1-871	ALTERNATE PASSENGER OXYGEN RELEASE
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WJE 401-412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873-881, 883, 884, 886, 887, 891-893

L	34	B1-871	ALTERNATE PASSENGER OXYGEN RELEASE
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WJE ALL

- (2) Hold stowage compartment in position against lower attachments and install hinge bolts.
- (3) Raise stowage compartment into upright position and install upper attachments.
- (4) Align compartment with adjacent compartments by adjusting serrated plates at upper attachments.
- (5) Install sidewall lights electrical connector to forward and aft ends of compartment. Install electrical connector to aircraft side of wiring if applicable.
- (6) Install upper and lower sidewall lights in stowage compartment. Do not rotate upper light fixture in locked position at this time. (Fixture will be locked when applicable ceiling panel is installed.)
- (7) Install utility and speaker panels, as applicable, into slide channel at lower outboard side of stowage compartment. Do not close panels at this time.

CAUTION: MAKE CERTAIN COVERS ARE CLOSED AND LOCKED ON ALL UNUSED UTILITY SUPPLY RECEPTACLES.

- (8) Connect utility panel cold air supply hose and electrical connector. (Figure 202)
- (9) Connect speaker electrical connections to utility panel terminal strip.

EFFECTIVITY
WJE ALL

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WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

- (10) Secure panel in outboard slide channel; then, raise panel to full up position and secure outboard side of panel with fasteners. Verify that inboard edge of panel engages inboard channel.

WJE 875-879

- (11) Secure panel in outboard slide channel; then, raise panel to full up position. Ensure that gap fillers are installed snugly fit to cover gaps. Secure outboard side of panel with fasteners. Verify that inboard edge of panel engages inboard channel.

WJE ALL

- (12) Install ceiling panels. (PAGEBLOCK 25-28-00/201)
- (13) Install lower sidewall light panel and secure panel with fasteners.
- (14) Check the distance between the lower sidewall panel and air grill. If the gap is less than .12 inches, install a white bumper on the edge of the outboard light panel. (Figure 201)
- (15) Remove the safety tags and close these circuit breakers:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-699	SIDEWALL LIGHTS - LOWER CONTROL
		B1-698	SIDEWALL LIGHTS - LOWER LEFT
		B1-697	SIDEWALL LIGHTS - LOWER RIGHT
		B1-703	SIDEWALL LIGHTS - UPPER CONTROL
		B1-702	SIDEWALL LIGHTS - UPPER LEFT
		B1-701	SIDEWALL LIGHTS - UPPER RIGHT

LOWER EPC, DC AIR CONDITIONING & MISCELLANEOUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
W	30	B1-365	PASSENGER WARNING SIGNS

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

UPPER EPC, L AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 417, 419, 421, 423, 865, 869, 871, 872			
K	31	B1-870	PASSENGER OXYGEN RELEASE

WJE 401-412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873-881, 883, 884, 886, 887, 891-893

K	34	B1-870	PASSENGER OXYGEN RELEASE
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UPPER EPC, LEFT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE ALL			
F	19	B10-120	PASSENGER MUSIC

WJE 405, 409, 410, 873, 874, 877, 880, 884, 886, 887, 892, 893

F	22	B10-117	PASSENGER ADDRESS
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WJE 405, 409, 410, 873, 874, 877, 880, 884, 886, 887, 892, 893 (Continued)

(Continued)

UPPER EPC, LEFT RADIO AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

WJE ALL

UPPER EPC, LIGHTS - LEFT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

K	20	B1-489	PASSENGER READING-FWD
K	21	B1-296	PASSENGER READING - CENTER
K	22	B1-490	PASSENGER READING-AFT
K	23	B1-366	PASSENGER WARNING SIGNS

UPPER EPC, R AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

WJE 417, 419, 421, 423, 865, 869, 871, 872

L	31	B1-871	ALTERNATE PASSENGER OXYGEN RELEASE
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WJE 401-412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873-881, 883, 884, 886, 887, 891-893

L	34	B1-871	ALTERNATE PASSENGER OXYGEN RELEASE
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WJE ALL

(16) Check passenger utilities as follows:

- (a) Check passenger sidewall lights, and attendant call system for proper operation.
- (b) Turn on passenger address amplifier.
- (c) Check passenger address speakers for proper operation.
- (d) Check oxygen dispensing units for proper operation. (PASSENGER - MAINTENANCE PRACTICES, PAGEBLOCK 35-20-00/201 Config 1)
- (e) Check passenger reading light focal point and adjust as required.

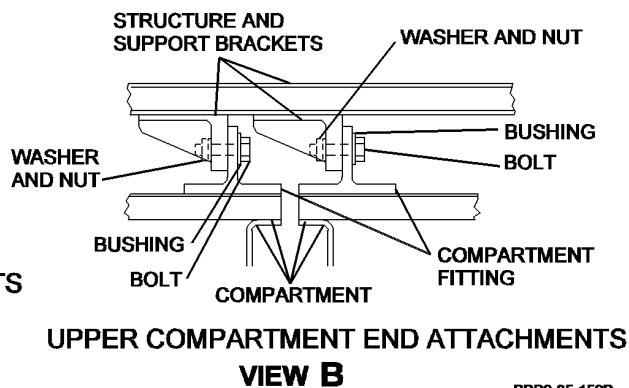
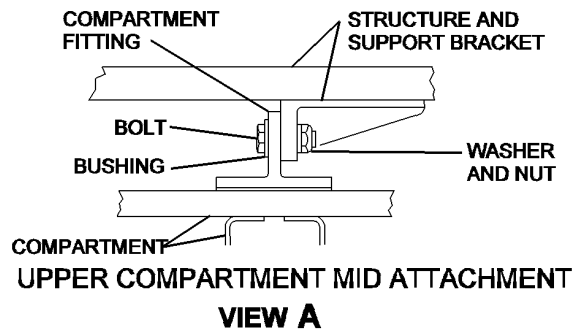
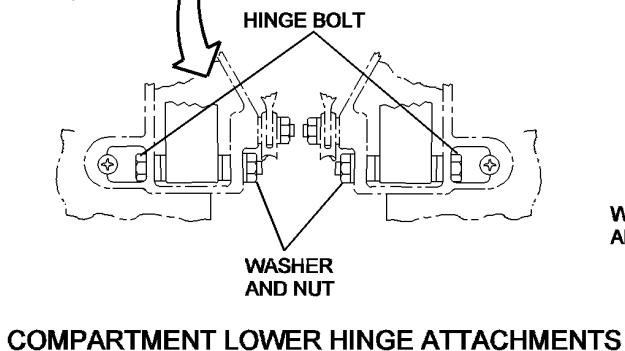
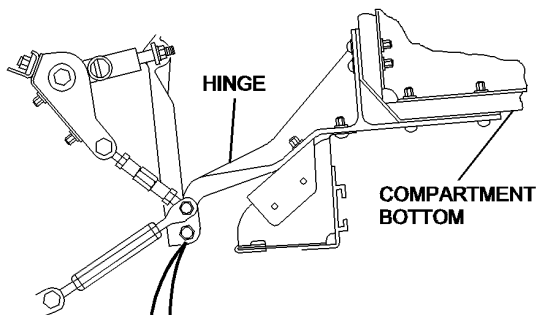
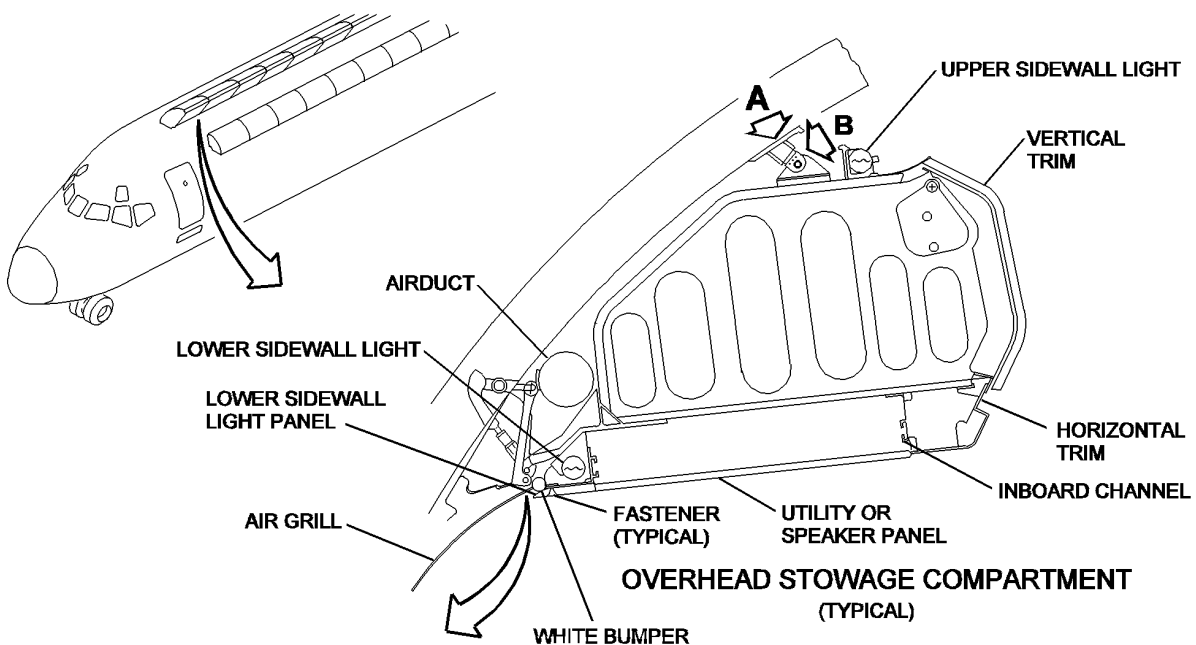
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WJE ALL

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BBB2-25-159B
S0006533262V2

Overhead Stowage Compartments -- Removal/Installation
Figure 201/25-25-00-990-804 (Sheet 1 of 2)

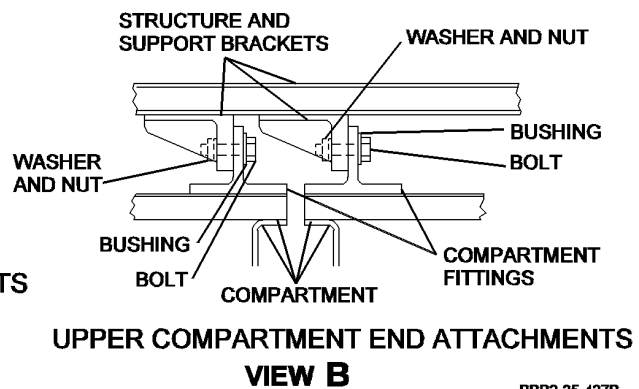
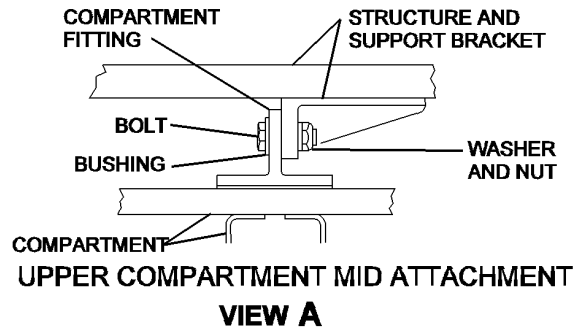
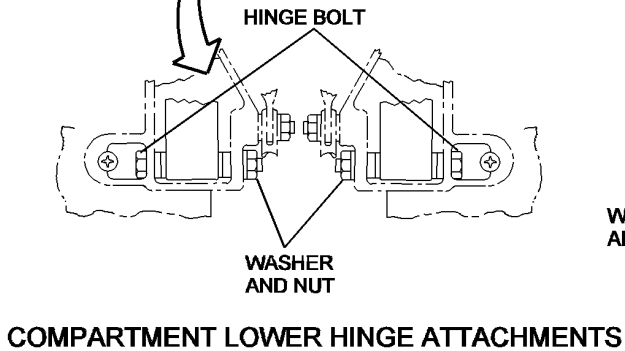
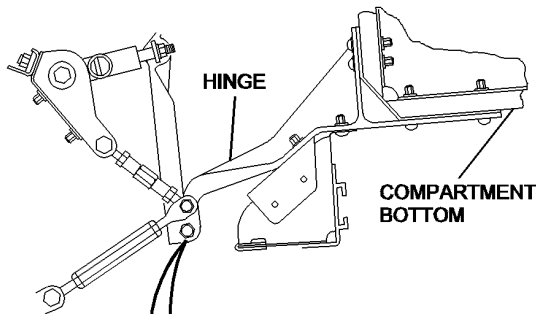
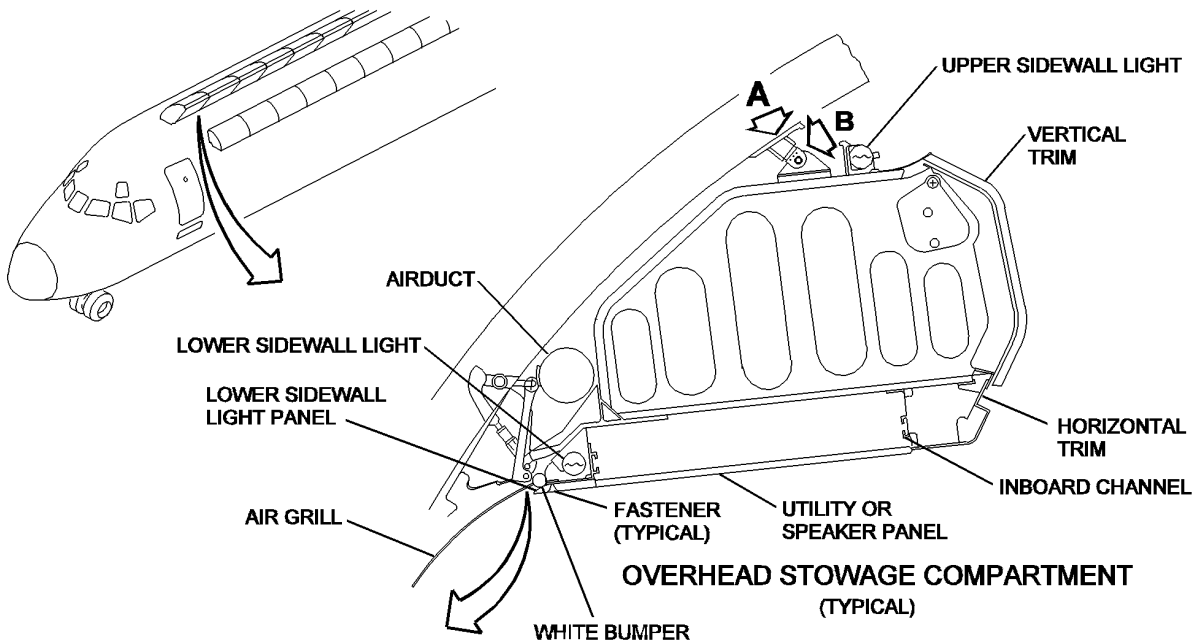
EFFECTIVITY
WJE 405-411, 873-881, 883, 884, 886, 887, 892, 893

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BBB2-25-427B
S0006533268V2

**Overhead Stowage Compartments -- Removal/Installation
Figure 201/25-25-00-990-804 (Sheet 2 of 2)**

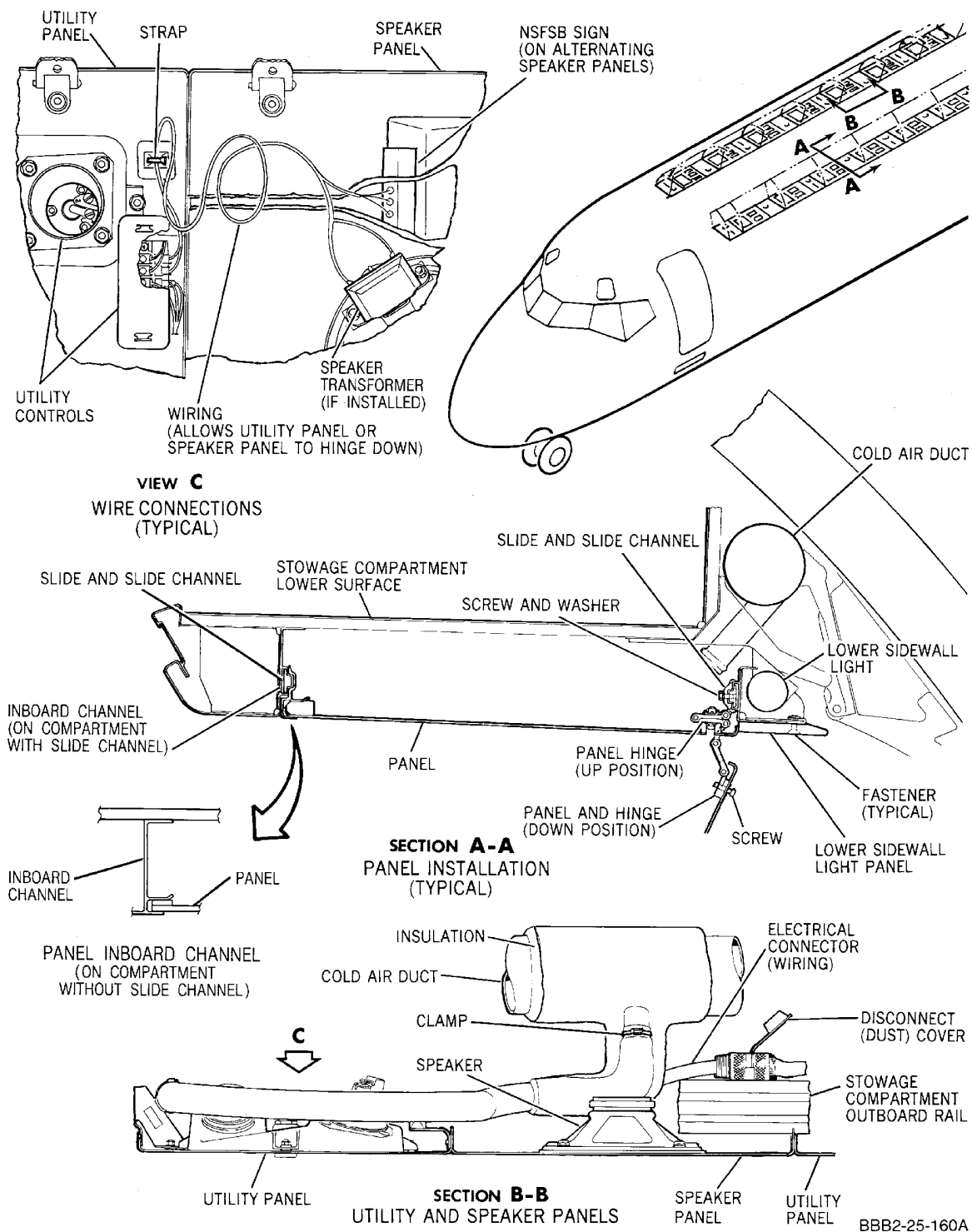
EFFECTIVITY
WJE 401-404, 412, 414-427, 429, 861-866, 868, 869,
871, 872, 891

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Utility and Speaker Panels -- Removal/Installation
Figure 202/25-25-00-990-805 (Sheet 1 of 2)

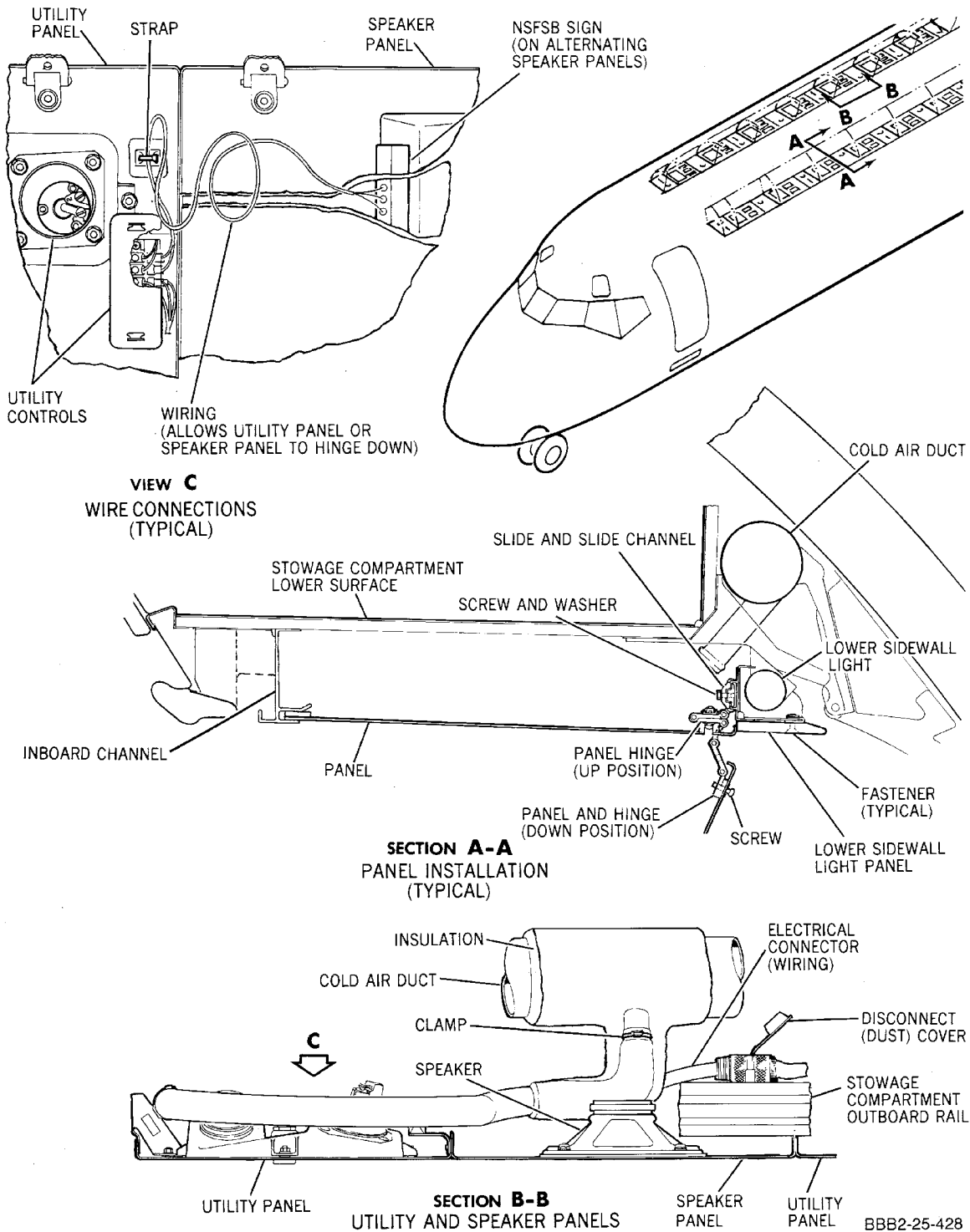
EFFECTIVITY
WJE 405-411, 873-881, 883, 884, 886, 887, 892, 893

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Utility and Speaker Panels -- Removal/Installation
Figure 202/25-25-00-990-805 (Sheet 2 of 2)

EFFECTIVITY
WJE 401-404, 412, 414-427, 429, 861-866, 868, 869,
871, 872, 891

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3. Stowage Compartment Door Adjustment

A. Door Adjustment

NOTE: The following instructions are typical for alignment of overhead stowage compartment doors on either side of passenger compartment.

- (1) Open all overhead stowage compartment on either side of passenger compartment.
- (2) Ensure that all doors are aligned.
- (3) If minor adjustment is required to align doors (on compartments with mechanical springs), adjust spring adjustment screw in door hinge at each end of individual door.

NOTE: It may be necessary to repeat individual door adjustment to obtain alignment on some doors.

- (4) If minor adjustment is required to align doors (on compartments with gas springs) proceed as follows:
 - (a) Loosen screws (4 places) on gas spring support bracket.
 - (b) Move bracket inboard or outboard as required to achieve adjustment; then, tighten screws (4 places) to secure bracket. Slotted holes in spring bracket are provided for door adjustment.
 - (c) Repeat Paragraph 3.A.(4)(a) and Paragraph 3.A.(4)(b) for adjustment of spring bracket at opposite end of door (if required).

NOTE: It may be necessary to repeat individual door adjustment to obtain alignment on some doors.

- (5) Close doors opened in Paragraph 3.A.(1).
- (6) Repeat steps Paragraph 3.A.(1) through Paragraph 3.A.(4) for alignment of doors on opposite side of passenger compartment.

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CABIN ATTENDANT'S PANELS - DESCRIPTION AND OPERATION

1. General

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871-879, 891-893

- A. A cabin attendant's panel is located adjacent to the cabin attendant's double seat at the forward and aft passenger entrance doors, and the cabin attendant single seat at the aft service entry door.

WJE 401-404

- B. A cabin attendant single seat, without an attendant's panel, is installed on the aft side of the aft G3 galley unit.

WJE 405-411, 884

- C. A cabin attendant's panel is located adjacent to the cabin attendant's double seat at the forward and aft passenger entrance doors on all aircraft. However, on aircraft 104, 126-128, 105-125, 129-150, an aft cabin attendant's panel is also installed adjacent to the single cabin attendant's seat at the aft service entry door.

WJE 880, 881, 883

- D. A cabin attendant's panel is located adjacent to the cabin attendant's double seat at the forward and aft passenger entrance doors on all aircraft. However, an aft cabin attendant's panel is also installed adjacent to the single cabin attendant's seat at the aft service entry door.

WJE 886, 887

- E. A cabin attendant's panel is located adjacent to the cabin attendant's double seat at the forward and aft passenger entrance doors on aircraft 101-150. However, on aircraft 151-154, an aft cabin attendant's panel is also installed adjacent to the single cabin attendant's seat at the aft service entry door.
- F. A cabin attendant's panel is located adjacent to the cabin attendant's double seat at the forward and aft passenger entrance doors. A cabin attendant's panel is also installed adjacent to the single cabin attendant's seat at the aft service entry door on some aircraft.

WJE ALL

2. Cabin Attendant's Panels

A. Description

- (1) Forward Cabin Attendant's Panel - The forward cabin attendant's panel is provided with a hand set and switches for making announcements, calling the pilot, and other attendants. The panel is provided with cabin, entry, and aisle lighting controls and controls for operating the forward stair and emergency lights, attendant work light, and forward lavatory mirror light.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (2) Aft Cabin Attendant's Panel - The aft cabin attendant's panel is similar to the forward cabin attendant's panel, and is provided with controls for the aft ventral stair lights and aft lavatory mirror lights. The panel does not have controls for the cabin lights, forward stair, or emergency lights.

WJE ALL

- (3) Cabin Attendant's Intercommunication System - For maintenance of the cabin attendant's intercommunication system. Refer to PASSENGER ADDRESS AND ENTERTAINMENT - MAINTENANCE PRACTICES, PAGEBLOCK 23-30-00/201 Config 1.
- (4) Cabin Attendant's Call System - For maintenance of the cabin attendant's call system, including the panel lighting controls. (CABIN PANELS, SUBJECT 33-23-02, Page 201)

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PASSENGER COMPARTMENT FLOOR COVERING - DESCRIPTION AND OPERATION

1. General

WJE 412, 414

WJE A. The passenger compartment floor is covered with carpets, floor covering, and a moisture-proof
WJE shield as shown in Figure 1.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

B. The passenger compartment floor is covered with carpets, floor covering, and a fiberglass underlay.

WJE ALL

2. Passenger Compartment Floor Covering

A. Description

WJE 412, 414

WJE (1) Floor Covering - The floor covering in the passenger compartment consists of fiber carpeting
WJE provided in the passenger seating area and plastic floor covering installed in the entrance,
WJE forward lavatory and galley areas. A moisture-proof shield is provided under the floor covering,
WJE galleys, forward lavatory, between the aft lavatories and entry and service doors. Preformed
WJE fiberglass floor pans are installed in the aft two lavatories.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

(2) Floor Covering - The floor covering in the passenger compartment consists of fiber carpeting
provided in the passenger seating area and plastic floor covering installed in the entrance,
forward of the forward lavatory, and galley areas. A moisture-proof fiberglass underlay is
provided under the floor covering and galleys. Preformed fiberglass floor pans are installed in
the lavatories.

WJE 412, 414

WJE (3) Carpeting and Floor Covering - The cabin carpeting is attached to the floor with double-faced
WJE tape (DMS 1971) applied to all edges and along the aircraft centerline. The moisture-proof
WJE plastic floor covering and moisture-proof shield in the entryways, galleys, and forward lavatory
WJE are cemented to the aircraft floor. A shield of polyurethane protective tape is also provided
WJE between the floor and coverings. Metal thresholds and strips, attached with screws, cover
WJE mating edges of carpet and floor coverings. Plastic snap-in covers are installed in all exposed
WJE sections of seat track between passenger seat assemblies. A seam is cut at FS 988 to provide
WJE access to the Gear Down Inspection Port. A red identifier is installed to assist crew
WJE identification of this seam.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

(4) Carpeting and Floor Covering - The cabin carpeting is attached to the floor with double-faced
tape applied to all edges. The moisture-proof plastic floor covering and fiberglass underlay in
the entryways, galleys and forward lavatory are cemented to the aircraft floor. Metal thresholds
and strips, attached with screws, cover mating edges of carpet and floor coverings. Plastic
snap-in-type covers are installed in all exposed sections of seat track between passenger seat
assemblies.

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WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893 (Continued)

- (5) Alternate Floor Covering - An alternate moisture-proof method of floor covering for the galleys, forward lavatory, and entryways, consists of cleaning the floor with alodine, and treating the floor with epoxy primer and white epoxy topcoat. High adhesive strength pressure sensitive mylar film (Protex No. 223-5, Mask-Off Company, Monrovia, California) is applied over butt and joint fills, in lieu of mylar film now used. Fiberglass is installed over the mylar and secured with adhesive film (Type 1 or 2). Exposed edges are sealed as in present installation. For maintenance of passenger compartment floors and floor covering, refer to FLIGHT AND PASSENGER COMPARTMENT FLOOR PANELS, SUBJECT 53-20-01, Page 201.

WJE 412, 414

- WJE (6) Alternate Floor Covering - An alternate moisture-proof method of floor covering for the galleys, forward lavatory, and entryways, consists of cleaning the floor with alodine, and treating the floor with epoxy primer and white epoxy topcoat. Polyurethane protective tape, 4 inch wide (3M 8694) is applied over butt and joint fills, and a layer of polyurethane protective tape, 24 inch wide (3M 8693DL) is applied over the area. Exposed edges are sealed as in present installation. For maintenance of passenger compartment floors and floor covering, refer to FLIGHT AND PASSENGER COMPARTMENT FLOOR PANELS, SUBJECT 53-20-01, Page 201.
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MD-80 AIRCRAFT MAINTENANCE MANUAL

CEILING PANELS - DESCRIPTION AND OPERATION

1. General

- A. The main cabin ceiling of the passenger compartment is covered with panel sections, each incorporating a center panel and two outboard panels.

2. Ceiling Panels

A. Description

- (1) Ceiling Panels - The ceiling panel sections, consisting of a center and two outboard panels, are made of insulated honeycomb material with a solid fiberglass backsheet and a perforated fiberglass facesheet to decrease interior noise levels.
- (2) Outboard Panels - The outboard edge of each outboard ceiling panel is attached to the sidewall structure by two captive fasteners. When loosened, the fasteners allow the outboard edge of the panel to be disengaged from the cabin sidewall structure and the panel can then be moved outboard until the inboard edge is also disengaged from the center ceiling panel. Two spring clips secure the inboard edge of the outboard panel to the center ceiling panel. The outboard panels must be removed prior to removing the center ceiling panel.
- (3) Center Panel - The center ceiling panel is attached to the cabin ceiling rails with four screws, one at each corner of the panel. The outboard ceiling panels must be removed for access to the center ceiling panel screws. Access panels are provided in two of the center panels, between the overwing exits, for checking a temperature sensor probe and the overhead anti-collision light components installed in the ceiling area.
- (4) Tether Cords - The center ceiling panels are also attached to the ceiling by easily detachable tether cords which provide protection for the panel light fixtures and wiring. The tether cords allow the panels to hang at a lowered position for access to the panel light wiring and equipment in the ceiling.

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CEILING PANELS - MAINTENANCE PRACTICES

1. General

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- A. This section provides instructions for removal and installation of ceiling panel sections located above the overhead storage compartments in the passenger compartment. (Figure 201)

WJE ALL

- B. Instructions are also provided in this section for opening or closing three hinged drop panels (access doors) in the passenger compartment ceiling; one each between the aft lavatories, between the forward passenger entrance and service doors, and inboard of the aft galley service door.

2. Removal/Installation Ceiling Panels

- A. Remove Ceiling Panel

CAUTION: BEFORE OPENING CIRCUIT BREAKERS, MAKE CERTAIN EMERGENCY POWER AND LIGHT SWITCHES ARE IN OFF POSITION.

- (1) Place EMER PWR and EMER LTS switches on forward overhead switch panel in OFF position.
- (2) Place EMERGENCY LIGHT switch at forward cabin attendants panel in OFF position.

WARNING: TAG AND SAFETY ALL CIRCUIT BREAKERS OPENED.

- (3) Open these circuit breakers and install safety tags:

LOWER EPC, DC TRANSFER BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
Z	37	B1-387	EMERGENCY LIGHTS CHARGING

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893			
A	13	B1-42	CABIN STANDBY LIGHTS

WJE 410

A	14	B1-42	CABIN STANDBY LIGHTS
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WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

A	14	B1-41	EMERGENCY LIGHTS ARM AND CHARGE
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WJE 410

A	15	B1-41	EMERGENCY LIGHTS ARM AND CHARGE
---	----	-------	---------------------------------

WJE ALL

- (4) If required, open hinged drop panel (access door) in passenger compartment ceiling as follows:
 - (a) Manually disengage latches (2 places) at edge of panel opposite hinge. Panel will partially open.

WJE 405-411, 415-427, 429, 861-866, 868, 869, 871, 872, 875-881, 883, 884, 891

NOTE: Hook-type secondary latch, on aircraft with SB 25-275 incorporated, prevents drop ceiling from falling down in full open position.

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WJE 401-404, 412, 414, 873, 874, 886, 887, 892, 893

NOTE: Hook-type secondary latch prevents drop ceiling from falling down in full open position.

WJE ALL

- (b) Manually disengage hook-type catch (above drop panel) from ceiling panel latch clip.
- (c) Allow panel to swing down in full open position. Hinge secures drop panel to ceiling panel.

CAUTION: LIGHT FIXTURES ON UPPER SIDE OF OVERHEAD STOWAGE COMPARTMENTS MUST BE LOWERED TO PREVENT DAMAGE TO FIXTURES AND TO PROVIDE ACCESS TO SIDEWALL FASTENERS ON OUTBOARD CEILING PANELS.

- (5) Open upper sidewall light access door from inside applicable overhead stowage compartment and rotate light fixture downward. For removal of upper sidewall light, refer to CABIN SIDEWALL LIGHTS - MAINTENANCE PRACTICES, PAGEBLOCK 33-21-03/201.
- (6) In turn, loosen fasteners (2 places) securing outboard ceiling panel to cabin sidewall, move panel toward sidewall to disengage spring clips from center ceiling panel; then, remove panel.
- (7) Remove screws (4 places) from center ceiling panel clip nuts on ceiling rail and allow panel to hang on tether cords.
- (8) Disconnect wiring from center ceiling panel lights and remove lights. Retain lights for installation.

NOTE: If panel is not being replaced, lights may be retained on panel.

- (9) Remove tether cords and attachment screws from center ceiling panel, and remove panel. Retain screws with tether cords for installation.

NOTE: If panel is not being replaced, tether cords may be retained on panel. Retaining hooks can be lifted from ceiling bracket to release panel from ceiling.

B. Install Ceiling Panel

- (1) Check that emergency power control and emergency lights switches are in OFF position.
- (2) Make sure that these circuit breakers are open and have safety tags:

LOWER EPC, DC TRANSFER BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
Z	37	B1-387	EMERGENCY LIGHTS CHARGING

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893			
A	13	B1-42	CABIN STANDBY LIGHTS
WJE 410			
A	14	B1-42	CABIN STANDBY LIGHTS
WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893			
A	14	B1-41	EMERGENCY LIGHTS ARM AND CHARGE
WJE 410			
A	15	B1-41	EMERGENCY LIGHTS ARM AND CHARGE

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WJE ALL

- (3) Install lights in center ceiling panel, if removed.
- (4) Attach center ceiling panel to tether cords with attachment screws at required locations, if removed (otherwise, attach retaining hooks to ceiling brackets). Connect wiring to panel lights.
- (5) Carefully lift center ceiling panel and align panel into position with clip nuts on ceiling rail. Secure panel to clip nuts with screws (4 places).
- (6) In turn, carefully attach spring clips on inboard edge of each outboard ceiling panel to center ceiling panel; then, secure outboard edge of panel to cabin sidewall with fasteners (2 places).
- (7) Check condition of upper sidewall light and rotate light fixture upward on applicable overhead stowage compartment. Close and secure light access door from inside stowage compartment. For installation of upper sidewall light (if removed), refer to CABIN SIDEWALL LIGHTS - MAINTENANCE PRACTICES, PAGEBLOCK 33-21-03/201.
- (8) Remove the safety tags and close these circuit breakers:

LOWER EPC, DC TRANSFER BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
Z	37	B1-387	EMERGENCY LIGHTS CHARGING

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
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WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

A	13	B1-42	CABIN STANDBY LIGHTS
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WJE 410

A	14	B1-42	CABIN STANDBY LIGHTS
---	----	-------	----------------------

WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

A	14	B1-41	EMERGENCY LIGHTS ARM AND CHARGE
---	----	-------	---------------------------------

WJE 410

A	15	B1-41	EMERGENCY LIGHTS ARM AND CHARGE
---	----	-------	---------------------------------

WJE ALL

- (9) If opened, close hinged drop panel (access door) in passenger cabin ceiling as follows:
 - (a) Carefully lift drop panel until hook-type catch on panel engages ceiling panel latch clip.

WJE 405-411, 415-427, 429, 861-866, 868, 869, 871, 872, 875-881, 883, 884, 891

NOTE: Hook-type secondary latch, on aircraft with SB 25-275 incorporated prevents drop ceiling from falling down in full open position.

WJE 401-404, 412, 414, 873, 874, 886, 887, 892, 893

NOTE: Hook-type secondary latch prevents drop ceiling from falling down in full open position.

WJE ALL

- (b) Check that opening is clear of obstructions; then, fully close drop panel.
 - (c) Manually engage latches (2 places) opposite hinge to secure drop panel against ceiling panel.
- (10) Check operation of center ceiling panel and upper sidewall lights, as required.

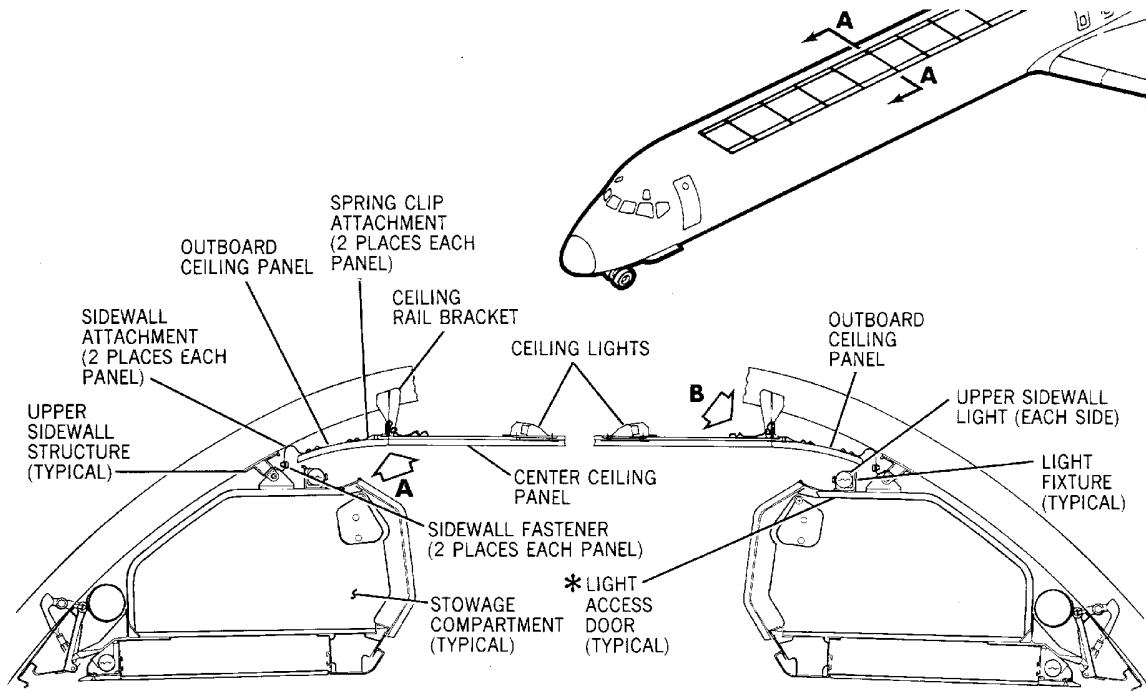
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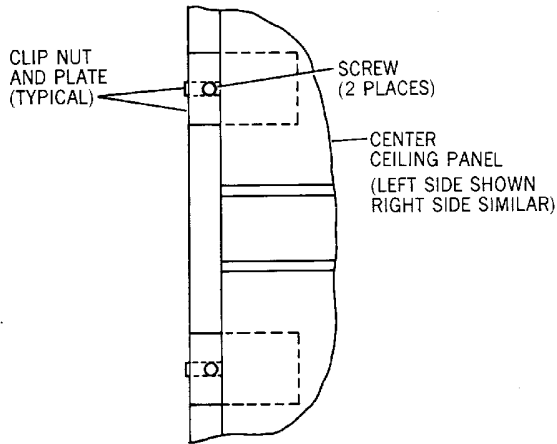
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* NOTE:
LIGHT ACCESS DOOR AND FASTENERS (2 PLACES - EACH SIDE) ARE ACCESSIBLE FROM INSIDE OF STOWAGE COMPARTMENT)

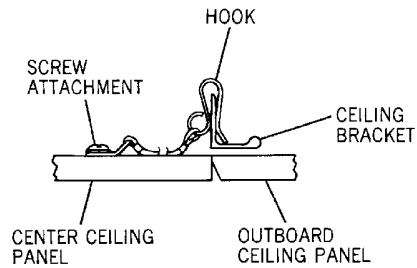
SECTION A-A

CEILING PANELS (CROSS-SECTION LOOKING FORWARD)



VIEW A

CENTER CEILING PANEL ATTACHMENT SCREWS



VIEW B

TETHER CORD ATTACHMENTS

BBB2-25-161A

Ceiling Panels -- Removal/Installation (Typical)
Figure 201/25-28-00-990-801

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CEILING PANELS - CLEANING/PAINTING

1. General

WARNING: USE NORMAL SAFETY PRECAUTIONS WHEN USING FLAMMABLE MATERIALS DURING CLEANING AND PAINTING PROCEDURES.

- A. This section is provided for aircraft operators who wish to repair their discolored ceiling panels prior to the availability of new panel material.
- B. The decorative covering on the panel cannot be painted. Only the discolored and adjacent areas are painted.
- C. The polyurethane covering used for the panel is a DeSoto product, available through Courtaulds Aerospace. (Paragraph 2.)

NOTE: Ceiling panel repairs are restricted to an area of 144 sq. in. per Federal Aviation Regulation 25.853. Ceiling panels with damaged areas which exceed 144 sq. in. must be replaced.

2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed items:

NOTE: Some materials in the Equipment and Materials list may not be permitted to be used in your location. Persons in each location must make sure they are permitted to use these materials. All persons must obey all applicable federal, state, local, and provincial regulations for their location.

Table 701

Name and Number	Manufacturer
Sandpaper, No. 180 grit	Commercially available
Cleaner/Solvent, Handwipe DPM 6380-4	Dynamic Solvents, Inc. Ft. Worth, TX
White cotton wipers, Type 1, Class A	Commercially available
Thinner, DeSoto No. 020T204, DPM 5392	Commercially available
DeVilbiss syphon cup gun, JGA-502 (with No. 30 air cap and No. E needle and nozzle)	Commercially available
Polyurethane coating, interior (DeSoto) DPM 5391-0131	Courtaulds Aerospace Berkeley, CA., FAX 510 526-1525; Woodstock, GA., FAX 404 924-2734; Shildon, Durham, England FAX 44 388 774-373, and Singapore 2263, FAX 65 861-6162
<u>NOTE:</u> DeSoto White DPM 5391-0131 utilizes DeSoto No. 910T228 catalyst compound, No. 821x574 base compound, and No. 020T204 thinner.	

3. Ceiling Panel Removal and Installation

- A. For ceiling panel removal and installation, refer to CEILING PANELS - MAINTENANCE PRACTICES, PAGEBLOCK 25-28-00/201.

4. Preparation of Panel Discolored Areas

- A. Panel Treatment
 - (1) Sand discolored areas and adjacent undamaged areas to be spray coated with 180 grit sandpaper. All loose discolored areas should be sanded off, and adjacent undamaged areas lightly sanded.

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WARNING: HANDWIPE CLEANER/SOLVENT IS AN AGENT THAT IS FLAMMABLE AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN HANDWIPE CLEANER/SOLVENT IS USED.

- DO NOT USE IN AREAS WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
- USE IN AN AREA OPEN TO THE AIR.
- CLOSE THE CONTAINER WHEN NOT USED.
- DO NOT GET HANDWIPE CLEANER/SOLVENT IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
- DO NOT BREATHE THE GAS.

WARNING: REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIER'S MSDS FOR:

- MORE PRECAUTIONARY DATA
- APPROVED SAFETY EQUIPMENT
- EMERGENCY MEDICAL AID.

TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE PROCEDURES TO DISCARD THESE HAZARDOUS AGENTS.

- (2) Clean sanded areas with cleaner/solvent, handwipe (DPM 6380-4).

5. **Preparation of Panel Coating**

A. Coating Preparation

- (1) Agitate base component for 10 minutes before mixing.
- (2) Add one part by volume of catalyst compound to two parts by volume of base component.
- (3) Thin above mixture one-to-one by volume with thinner.
- (4) Allow coating to sit for 15 minutes (induction time) prior to application.

6. **Application of Panel Coating**

A. Coating Application

NOTE: A DeVilbiss JGA-502 spray gun with a No. 30 air cap and a No. E needle with nozzle is required for the application of the panel coating.

- (1) Regulate air pressure to 40 psi at the spray gun.
- (2) In turn, apply five thin coats with spray gun in order to achieve full cover. No drying time is required between each coat of paint. In order to blend touch up, spray a one-to-two inch overlap of coating in undamaged areas surrounding discolored area.

NOTE: The painted areas will be acceptable but not a perfect color match to the original decorative covering.

7. **Handling of Panels (After Painting)**

A. Panel Handling

- (1) Painted panels can be handled four hours after painting.
- (2) Panels can be stacked on top of each other eight hours after painting. Protective paper should be placed between panels.
- (3) The panels can be installed in aircraft after twelve hours. (CEILING PANELS - MAINTENANCE PRACTICES, PAGEBLOCK 25-28-00/201 for panel installation)

NOTE: The panel painted areas should not be touched during installation.

- (4) The panels can have direct exposure to lights 24 hours after painting.

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BUFFET/GALLEY - DESCRIPTION AND OPERATION

1. General

WJE 405, 406, 409, 410, 873, 874, 881, 883, 884, 892, 893

- A. There are four galley units installed in the passenger compartment, two in the forward end and two in the aft end of the compartment. All units are removable from the aircraft for repair or for changes in configuration. B-nuts are provided for water lines, and quick-disconnects are provided for electrical power connectors.

WJE 401-404, 873, 874

- B. There are five galley units installed in the passenger compartment, two in the forward end and three in the aft end of the compartment. All units are removable from the aircraft for repair or for changes in configuration. B-nuts are provided for water lines, and quick-disconnects are provided for electrical power connectors.

WJE 415-427, 429

- C. On aircraft 101-150, 175-200, there are eleven galley units (G1, G2, G2A, G3, G3A, G4, G5, G6, G7, G7A, and G8) installed in the passenger compartment, five in the forward end and six in the aft end of the compartment. On aircraft 151-174, there are six galley units (G1, G2, G3, G4, G5, and G7A) installed in the passenger compartment, three in the forward end and three in the aft end of the compartment. On aircraft 201-999, there are seven galley units (G1, G2, G2A, G3, G3A, G4, and G5) installed in the passenger compartment, five in the forward end and two in the aft end of the compartment. All units are removable from the aircraft for repair or for changes in configuration. B-nuts are provided for water lines, and quick-disconnects are provided for electrical power connectors.

WJE 861-866, 868, 869, 871, 872, 891

- D. There are eleven galley units (G1, G2, G2A, G3, G3A, G4, G5, G6, G7, G7A, and G8) installed in the passenger compartment, five in the forward end and six in the aft end of the compartment. All units are removable from the aircraft for repair or for changes in configuration. B-nuts are provided for water lines, and quick-disconnects are provided for electrical power connectors.

WJE 407, 408, 411

- E. On aircraft 101-103, there are two galley units installed in the forward end of the passenger compartment, one forward and one aft of the service door. Both units are removable from the aircraft for repair or for changes in configuration. B-nuts are provided for water lines, and quick-disconnects are provided for electrical power connectors. Any additional galleys, normally located adjacent to the aft galley service door, are customer furnished and not covered in this section. For galley electrical power and control, see Figure 5.
- F. On aircraft 104, 126-128, there are six galley units installed in the aircraft; two in the forward end adjacent to the forward galley service door, and four in the aft end adjacent to and aft of the aft galley service door. On aircraft 105-125, 129-150, there are also six galley units installed in the aircraft; three in the forward end adjacent to the forward passenger and forward galley service doors, and three in the aft end adjacent to and aft of the aft galley service door. All units are removable from the aircraft for repair or for changes in configuration. B-nuts are provided for water lines, and quick-disconnects are provided for electrical power connectors. For galley electrical power and control, see Figure 5.

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**WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 886, 887, 891-893**

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WJE 880

- G. There are also six galley units installed in the aircraft; three in the forward end adjacent to the forward passenger and forward galley service doors, and three in the aft end adjacent to and aft of the aft galley service door. All units are removable from the aircraft for repair or for changes in configuration. B-nuts are provided for water lines, and quick-disconnects are provided for electrical power connectors. For galley electrical power and control, see Figure 5.

WJE 407, 408, 411

- H. On aircraft 151-999, there are five galley units installed in the aircraft; two in the forward end adjacent to the forward galley service door, and three in the aft end adjacent to and aft of the aft galley service door. All units are removable from the aircraft for repair or for changes in configuration. B-nuts are provided for water lines, and quick-disconnects are provided for electrical power connectors. For galley electrical power and control, see Figure 5.

WJE 875-879

- I. There are four galley units (G1, G4, G5, G6) installed in the passenger compartment, one in the forward end and three in the aft end of the compartment. All units are removable from the aircraft for repair or for changes in configuration. B-nuts are provided for water lines, and quick-disconnects are provided for electrical power connectors.

WJE 886, 887

- J. There are five galley units in the passenger compartment, two in the forward right end and three in the aft left end of the compartment. All units are removable from the aircraft for repair or for changes in configuration. B-nuts are provided for water lines, and quick-disconnects are provided for electrical power connectors.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

2. Buffet/Galley

WJE 401-406, 409, 410, 873, 874, 881, 883, 884, 892, 893

- A. Description

WJE 892, 893

- (1) G1 Galley - The G1 galley unit is located forward of the forward galley service door on the right side of the aircraft. The unit is provided with electric power, water, and a work light. A crew stowage compartment is built into the inboard side of the unit and contains a coat rod (for coat hangers) and hat clips.
- (2) G2 Galley - The G2 galley unit is located aft of the forward galley service door on the right side of the aircraft. The unit is provided with electric power and a work light.

WJE 893

- (3) G3 Galley - The G3 galley unit (on aircraft 103, 107, 109-111, 113-114) is located on the left side of the aircraft just forward of the aft galley service door. The unit is provided with electric power, water drain line, and work light.

WJE 892

- (4) G3 Galley - The G3 galley unit is located on the left side of the aircraft just forward of the aft galley service door. The unit is provided with electric power, water drain line, and work light.

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WJE 401-411, 415-427, 429, 861-866, 868, 869,
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WJE 893

- (5) G3A Galley - The G3A galley unit (on aircraft 105-106, 112) is located on the left side of the aircraft just forward of the aft galley service door. The unit is provided with electrical power, water drain line, and work light.

WJE 892, 893

- (6) G4 Galley - The G4 galley unit is located on the left side of the aircraft just aft of the aft galley service door. The unit is provided with electric power, water, and work light. A single cabin attendant seat and control panel are installed on the aisle side of the galley unit.

WJE 873, 874

- (7) G1 Galley - The G1 galley unit is located forward of the forward galley service door on the right side of the passenger compartment. The unit is provided with electrical power, water inlet and outlet lines, and a work light. A crew stowage compartment is built into the inboard side of the unit and contains a coat rod (for coat hangers) and hat clips.
- (8) G2 Galley - The G2 galley unit is located aft of the forward galley service door on the right side of the passenger compartment. The unit is provided with electrical power, water inlet and outlet lines, and a work light.
- (9) G3 Galley - The G3 galley unit is located on the left side of the passenger compartment just forward of the aft galley service door. The unit is provided with electrical power, water inlet and outlet lines, and a work light.
- (10) G3A Galley - The G3A galley unit is located on the left side of the passenger compartment just forward of the G3 galley at the aft galley service door. The unit does not have provisions for water, electrical power, or lighting.
- (11) G4 Galley - The G4 galley unit is located on the left side of the passenger compartment just aft of the aft galley service door. The unit is provided with electrical power, water inlet and outlet lines, and a work light. A single cabin attendant seat (with control panel, life vest compartment, and oxygen compartment) is installed on the forward inboard side of the unit.

WJE 401-404

- (12) G1 Galley - The G1 galley unit is located forward of the forward galley service door on the right side of the aircraft. The unit contains a work light, work counter, pull-out table, electrical control panel, refrigerator unit, refrigerator inserts for meal carriers, air inlet/outlet grills, food trolley compartments, a waste compartment, and miscellaneous stowage compartments.
- (13) G2 Galley - The G2 galley unit is located aft of the forward galley service door on the right side of the aircraft. The unit contains a double oven, coffee makers, hot cup receptacle, work light, work counter, electrical control panel, water faucet, sink, water inlet and drain lines, meal carrier and miscellaneous stowage compartments, and food trolley compartments. A mirror for the cabin attendants is provided on the inboard side of the unit.
- (14) G3 Galley - The G3 galley unit is located on the left center side of the aircraft just aft of the aft galley service door. The unit contains ovens, a pull-out work table, an electrical control panel, coffee makers, meal carriers, food trolley compartments, and miscellaneous stowage compartments. A single cabin attendant seat (without control panel) is installed on the aft partition of the galley unit.
- (15) G4 Galley - The G4 galley unit is located on the left side of the aircraft center line just aft of the aft galley service door. The unit contains a water boiler with a shut-off, work light, work counter, flip-up table, water faucet and sink, refrigerator unit, refrigerator inserts for meal carriers, a food trolley compartment, trash compactor compartment, and miscellaneous stowage compartments. The unit receives electrical power from the G3 galley unit. A heat vent is installed on top of the G4 galley. An assist handle is installed on the aft inboard side of the unit.

EFFECTIVITY

WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 886, 887, 891-893

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WJE 401-404 (Continued)

- (16) G5 Galley - The G5 galley unit is located on the right side of the aircraft just forward of the aft lavatory. The unit contains a work light, food trolley compartments, stowage compartments for meal carriers, and miscellaneous stowage compartments. Electrical power for the work light is provided through a cutout in the aft upper section of the unit. The lavatory occupied sign for the aft right lavatory is installed on the forward side of the G5 galley unit.

WJE 405, 406, 409, 881, 883, 884

- (17) G1 Galley - The G1 galley unit is located forward of the forward galley service door on the right side of the aircraft. The unit is provided with an electric power panel, coffee maker, water heater, hot cup, work light, water inlet and drain lines, beverage and meal carts, waste container and waste cart, and miscellaneous stowage compartments. A crew stowage compartment is built into the inboard side of the unit and contains a coat rod (for coat hangers) and hat clips.

WJE 405, 406, 409, 884

- (18) G2 Galley - The G2 galley unit is located aft of the forward galley service door on the right side of the aircraft. The unit is provided with an electric power panel, work light, ovens, meal carts, waste container, auxiliary table, an atlas box, and miscellaneous stowage drawers. On aircraft 151, 156-159, 164-178, a double coatroom is installed on the aft side of the galley. On aircraft 152-155, a single coatroom is installed on the aft side of the galley.

WJE 881, 883

- (19) G2 Galley - The G2 galley unit is located aft of the forward galley service door on the right side of the aircraft. The unit is provided with an electric power panel, work light, ovens, meal carts, waste container, auxiliary table, an atlas box, and miscellaneous stowage drawers.

WJE 405, 406, 409, 884

- (20) G3 Galley - The G3 galley unit is located on the left side of the aircraft just forward of the aft galley service door. The unit is provided with an electric power panel, ovens, meal carts, auxiliary table, waste container, miscellaneous stowage compartments, a water drain line, and a work light. A doghouse-type stowage unit is installed on the forward side of the galley on all aircraft except aircraft 160-163.

WJE 881, 883

- (21) G3 Galley - The G3 galley unit is located on the left side of the aircraft just forward of the aft galley service door. The unit is provided with an electric power panel, ovens, meal carts, auxiliary table, waste container, miscellaneous stowage compartments, a water drain line, and a work light. A doghouse-type stowage unit is installed on the forward side of the galley.

WJE 405, 406, 409, 884

- (22) G4 Galley - The G4 galley unit is located on the left side of the aircraft just aft of the aft galley service door. The unit is provided with an electric power panel, water heater, coffee maker/water boiler, oven, meal cart, waste container, water inlet and drain lines, and a work light. A single cabin attendant seat and control panel are installed on the aisle side of the galley unit. On aircraft 152-155, an upright stowage unit is installed on the aft side of the galley.

EFFECTIVITY

WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 886, 887, 891-893

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WJE 881, 883

- (23) G4 Galley - The G4 galley unit is located on the left side of the aircraft just aft of the aft galley service door. The unit is provided with an electric power panel, water heater, coffee maker/water boiler, oven, meal cart, waste container, water inlet and drain lines, and a work light. A single cabin attendant seat and control panel are installed on the aisle side of the galley unit.

WJE 410

- (24) G1 Galley - The G1 galley unit is located forward of the forward galley service door on the right side of the aircraft. The unit is provided with electric power, water (inlet and drain), and a work light. A crew stowage compartment is built into the inboard side of the unit and contains a coat rod (for coat hangers) and hat clips.
- (25) G2 Galley - The G2 galley unit is located aft of the forward galley service door on the right side of the aircraft. The unit is provided with electric power and a work light.
- (26) G3 Galley - The G3 galley unit is located on the left side of the aircraft just forward of the aft galley service door. The unit is provided with electric power, a water drain line, and a work light.
- (27) G4 Galley - The G4 galley unit is located on the left side of the aircraft just aft of the aft galley service door. The unit is provided with electric power, water (inlet and drain), and a work light. A single cabin attendant seat and control panel are installed on the aisle side of the galley unit.

WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868

B. Description

- (1) G1 Galley - The G1 galley unit is located forward of the forward galley service door on the right side of the passenger compartment. The unit is provided with electric power and a work light. A crew stowage compartment is built into the inboard side of the unit and contains a coat rod (for coat hangers) and hat clips.
- (2) G2 Galley - The G2 galley unit is located aft of the forward galley service door on the right side of the passenger compartment. The unit is provided with electric power, water, and a work light.
- (3) G2A Galley - The G2A galley unit is located aft of the G2 galley on the right side of the passenger compartment. The unit is provided for stowage of food and miscellaneous galley equipment.
- (4) G3 Galley - The G3 galley unit is located aft of the forward passenger door on the left side of the passenger compartment. The unit is provided with electrical power and a work light.
- (5) G3A Galley - The G3A galley unit is located aft of the G3 galley and forward of the forward lavatory on the left side of the passenger compartment. The unit is provided for stowage of food and miscellaneous galley equipment.
- (6) G4 Galley - The G4 galley unit is located on the left side of the passenger compartment just forward of the aft galley service door. The unit is provided with electric power, water, and a work light. A doghouse-type stowage compartment is attached to the forward side of the galley.
- (7) G5 Galley - The G5 galley unit is located on the left side of the passenger compartment just aft of the aft galley service door. The unit is provided with electric power and a work light. A single cabin attendant seat and control panel are installed on the inboard side of the galley.
- (8) G6 Galley - The G6 galley unit is located on the left side of the passenger compartment just aft of the G5 galley. The unit is provided for stowage of food and miscellaneous galley equipment.
- (9) G7 Galley - The G7 galley unit is located aft of the G6 galley on the left side of the passenger compartment. The unit is provided for stowage of food and miscellaneous galley equipment.

EFFECTIVITY

WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 886, 887, 891-893

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WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868 (Continued)

- (10) G7A Galley - The G7A galley unit is located aft of the G7 galley and forward of the lavatory on the left aft side of the passenger compartment. The unit is provided for stowage of food and miscellaneous galley equipment.
- (11) G8 Galley - The G8 galley unit is located forward of the coatroom/stowage compartment in the aft end of the passenger compartment. The unit is provided for stowage of food and miscellaneous galley equipment. A doghouse-type stowage unit is attached to the forward side of the galley.

WJE 416, 418, 420, 424, 426, 429, 869, 871, 872, 891

C. Description

- (1) G1 Galley - The G1 galley unit is located forward of the forward galley service door on the right side of the passenger compartment. The unit is provided with electric power and a work light. A crew stowage compartment is built into the inboard side of the unit and contains a coat rod (for coat hangers) and hat clips.
- (2) G2 Galley - The G2 galley unit is located aft of the forward galley service door on the right side of the passenger compartment. The unit is provided with electric power, water, and a work light.
- (3) G3 Galley - The G3 galley unit is located aft of the forward passenger door on the left side of the passenger compartment. The unit is provided with electrical power and a work light. A stowage unit is attached to the aft end of the galley, just forward of the forward lavatory.
- (4) G4 Galley - The G4 galley unit is located on the left side of the passenger compartment just forward of the aft galley service door. The unit is provided with electrical power, water, and a work light.
- (5) G5 Galley - The G5 galley unit is located on the left side of the passenger compartment just aft of the aft galley service door. The unit is provided with electrical power and a work light. A single cabin attendant seat and control panel are installed on the inboard side of the galley.
- (6) G7A Galley - The G7A galley unit is located forward of the lavatory on aft left side of the passenger compartment. The unit is provided for stowage of food and miscellaneous galley equipment. A doghouse-type stowage compartment is attached to the forward side of the galley.

WJE 407, 408, 411, 880 PRE MD80-34-285

D. Description

WJE 407, 408, 411 PRE MD80-34-285

- (1) G1 Galley - The G1 galley is located forward of the forward galley service door on the right side of the passenger compartment. The unit contains coffeemakers, a hot cup, electrical control panel, meal carriers, a sink and faucet, water inlet line, overboard drain line, and miscellaneous stowage compartments. (On aircraft 105-125, 129-150, the galley is modified to include an ice container and waste container.) The forward side of the unit is equipped with nutplates for the observer console, an overhead light, oxygen equipment and a fire extinguisher.

EFFECTIVITY

**WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 886, 887, 891-893**

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WJE 880 PRE MD80-34-285

- (2) G1 Galley - The G1 galley is located forward of the forward galley service door on the right side of the passenger compartment. The unit contains coffeemakers, a hot cup, electrical control panel, meal carriers, a sink and faucet, water inlet line, overboard drain line, and miscellaneous stowage compartments. The galley is modified to include an ice container and waste container.) The forward side of the unit is equipped with nutplates for the observer console, an overhead light, oxygen equipment and a fire extinguisher.

WJE 407, 408, 411 PRE MD80-34-285

- (3) G2 Galley - The G2 galley is located aft of the forward galley service door on the right side of the passenger compartment. The unit contains ovens, an electrical control panel, and stowage compartments for meal trolleys, auxiliary table, and miscellaneous equipment. On aircraft 105-125, 129-150, the modified unit does not have an auxiliary table but includes an ice container and meal carriers.

WJE 880 PRE MD80-34-285

- (4) G2 Galley - The G2 galley is located aft of the forward galley service door on the right side of the passenger compartment. The unit contains ovens, an electrical control panel, and stowage compartments for meal trolleys, auxiliary table, and miscellaneous equipment. The modified unit does not have an auxiliary table but includes an ice container and meal carriers.

WJE 407, 408, 411 PRE MD80-34-285

- (5) G3 Galley - On aircraft 104, 126-128 the G3 galley is located forward of the aft galley service door on the left side of the passenger compartment. (On aircraft 151-999, which does not have an aft galley service door, the galley is installed in line with the wing trailing edge.) The unit contains a water drain line, electrical control panel, and stowage compartments for meal carriers, meal trolleys, and an auxiliary table. A lavatory occupied sign for the aft left lavatory is installed on the forward side of the galley unit. On aircraft 105-125, 129-150, an extended G3 galley unit is located on the left side of the passenger compartment between the forward passenger door and the forward lavatory. The unit is dry, has an electrical control panel, ovens, hot jugs, stowage compartments for meal trolleys, and a waste container.

WJE 880 PRE MD80-34-285

- (6) G3 Galley - An extended G3 galley unit is located on the left side of the passenger compartment between the forward passenger door and the forward lavatory. The unit is dry, has an electrical control panel, ovens, hot jugs, stowage compartments for meal trolleys, and a waste container.

WJE 407, 408, 411 PRE MD80-34-285

- (7) G4 Galley - The G4 galley is located aft of the aft galley service door on the left side of the passenger compartment. The unit contains an electrical control panel, water boiler, water inlet line, overboard drain line, waste container, and trolley stowage compartments. The unit on aircraft 105-109, 129-130 contains an electrical control panel, ovens, water inlet and overboard drain lines, waste container, ice container, and trolley stowage compartments. On all aircraft except aircraft 151-153, the inboard side of the unit is equipped with nutplates for the single cabin attendant seat, console, and life vest stowage pocket.

EFFECTIVITY

WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 886, 887, 891-893

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WJE 880 PRE MD80-34-285

- (8) G4 Galley - The G4 galley is located aft of the aft galley service door on the left side of the passenger compartment. The unit contains an electrical control panel, water boiler, water inlet line, overboard drain line, waste container, and trolley stowage compartments. The unit contains an electrical control panel, ovens, water inlet and overboard drain lines, waste container, ice container, and trolley stowage compartments. The inboard side of the unit is equipped with nutplates for the single cabin attendant seat, console, and life vest stowage pocket.

WJE 407, 408, 411 PRE MD80-34-285

- (9) G5 Galley - On aircraft 151-153, the G5 galley unit is located on the forward side of the aft lavatory on the left side of the passenger compartment. The unit contains compartments for the stowage of meal carriers and trolleys. The unit does not have electrical power or water provisions.
- (10) G5A Galley - On aircraft 104-109, 126-130, the G5A galley is located aft of the G4 galley on the left side of the passenger compartment. On aircraft 104, 126-128, the unit contains compartments for the stowage of meal carriers and a waste container. The unit does not have electrical power or water provisions. On aircraft 105-109, 128-130, the unit contains coffee makers, a hot jug, electrical control panel, waste container, and compartments for the stowage of meal carriers.

WJE 880 PRE MD80-34-285

- (11) G5A Galley - The G5A galley is located aft of the G4 galley on the left side of the passenger compartment. The unit contains coffee makers, a hot jug, electrical control panel, waste container, and compartments for the stowage of meal carriers.

WJE 407, 408, 411 PRE MD80-34-285

- (12) G6 Galley - On aircraft 104-109, 126-130, the G6 galley unit is located on the forward side of the aft lavatory on the left side of the passenger compartment. The unit contains compartments for the stowage of meal carriers and meal trolleys. The unit does not have electrical power or water provisions but is equipped with a floor drain line.

WJE 880 PRE MD80-34-285

- (13) G6 Galley - The G6 galley unit is located on the forward side of the aft lavatory on the left side of the passenger compartment. The unit contains compartments for the stowage of meal carriers and meal trolleys. The unit does not have electrical power or water provisions but is equipped with a floor drain line.

WJE 875-879

E. Description

- (1) G1 Galley - The G1 galley unit is located forward of the forward galley service door on the right side of the aircraft. The unit is provided with electric power and water. A crew stowage unit is built into the inboard side of the unit. A curtain header is installed in the ceiling between the G1 galley and windscreen (aft of the galley) to support a curtain for isolating the galley work area from the passengers.
- (2) G4 Galley - The G4 galley unit is located on the left side of the aircraft just aft of the aft galley service door. The unit is provided with electric power and water. A curtain header is installed in the ceiling between the G4 galley and windscreen (forward of the galley) to support a curtain for isolating the galley work area from the passengers.
- (3) G5 Galley - The G5 galley unit is located on the left side of the aircraft aft of the galley service door. The unit is provided with electric power and a work light.

EFFECTIVITY

WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 886, 887, 891-893

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WJE 875-879 (Continued)

- (4) G6 Galley - The G6 galley unit is located on the left side of the aircraft just aft of the G5 galley unit. The unit is provided with electric power and a work light.

WJE 886, 887

F. Description

- (1) G1 Galley - The G1 galley unit is located forward of the forward galley service door on the right side of the aircraft. The unit is provided with an electrical control panel, work light, coffee makers, beverage carts, water inlet and drain lines, and miscellaneous stowage compartments. Hat clips and coat hooks are provided for the crew on the inboard side of the galley. The galley sink has an overboard drain.
- (2) G2 Galley - The G2 galley unit is located aft of the forward galley service door on the right side of the aircraft. The unit is provided with an electrical control panel, oven, work counter and work light, meal carriers, beverage/meal carts, waste cart, waste chute and container, and miscellaneous stowage compartments. A snap is installed on the inboard side of the galley to secure the curtain between the G1 and G2 galleys. An under rack coatroom is installed on the aft side of the galley unit.
- (3) G4 Galley - The G4 galley unit is located on the left side of the passenger compartment just aft of the aft galley service door. The unit is provided with an electrical control panel, work light, meal carriers, beverage/meal carts, water inlet and drain lines, and a miscellaneous stowage compartment. An auxiliary table can be installed between the forward outboard side of the unit and the windscreen just forward of the galley service door.
- (4) G4B Galley - The G4B galley unit is located on the left side of the passenger compartment just aft of the G4 galley. The unit is provided with an electrical control panel, work light, coffee makers, beverage/meal carts, an auxiliary work table, and a miscellaneous stowage compartment. The unit water inlet and drain lines are connected to the water line locations established for the G4 galley unit.
- (5) G5 Galley - The G5 galley unit is located on the left side of the passenger compartment just forward of the aft left lavatory. The unit is provided with an electrical control panel, work light, meal carriers, beverage/meal carts, waste cart, water drain line, auxiliary work table, and a miscellaneous stowage compartment. A snap is installed on the inboard side of the galley to secure the curtain between the G4B and G5 galleys.

EFFECTIVITY

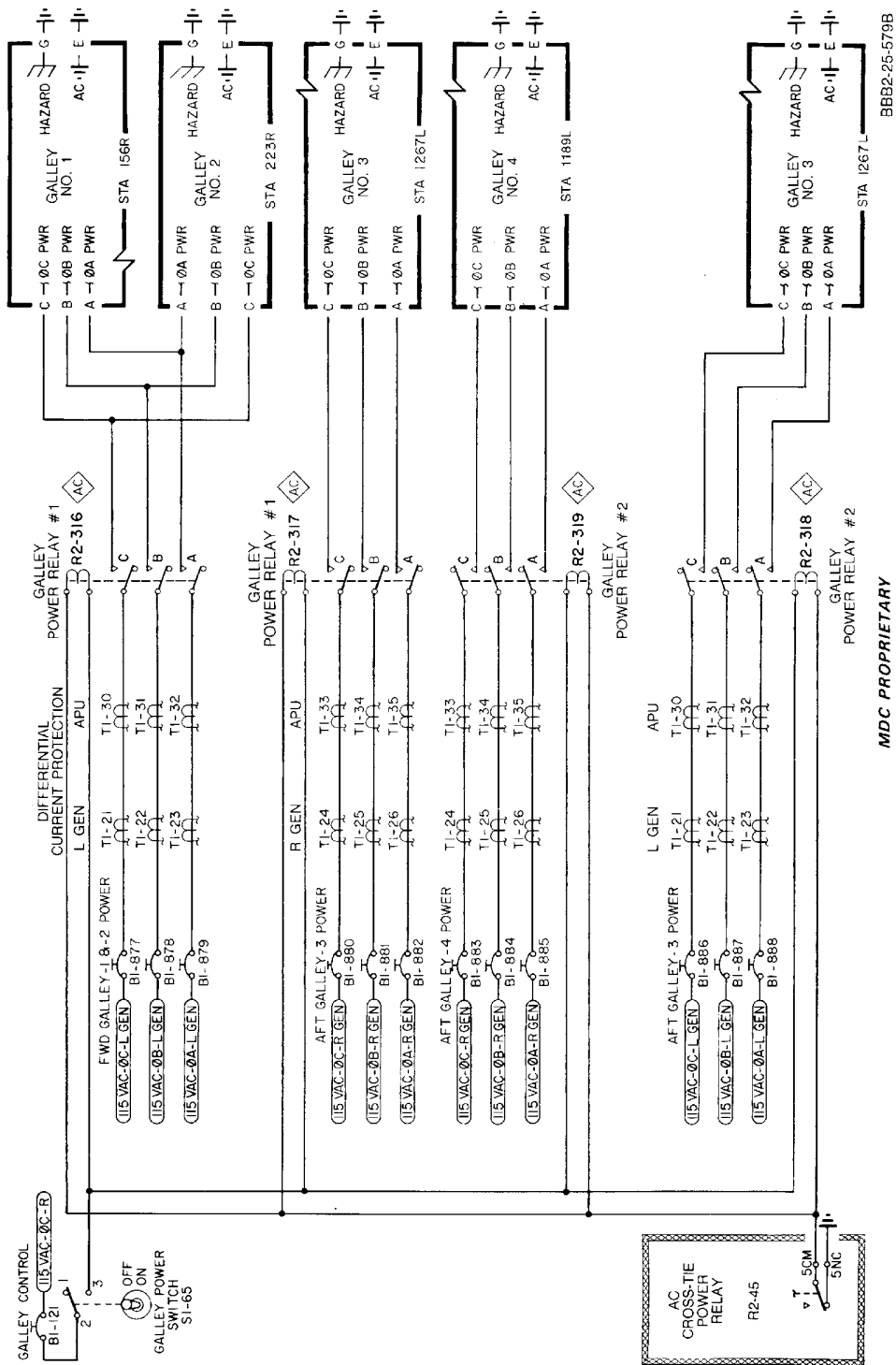
WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 886, 887, 891-893

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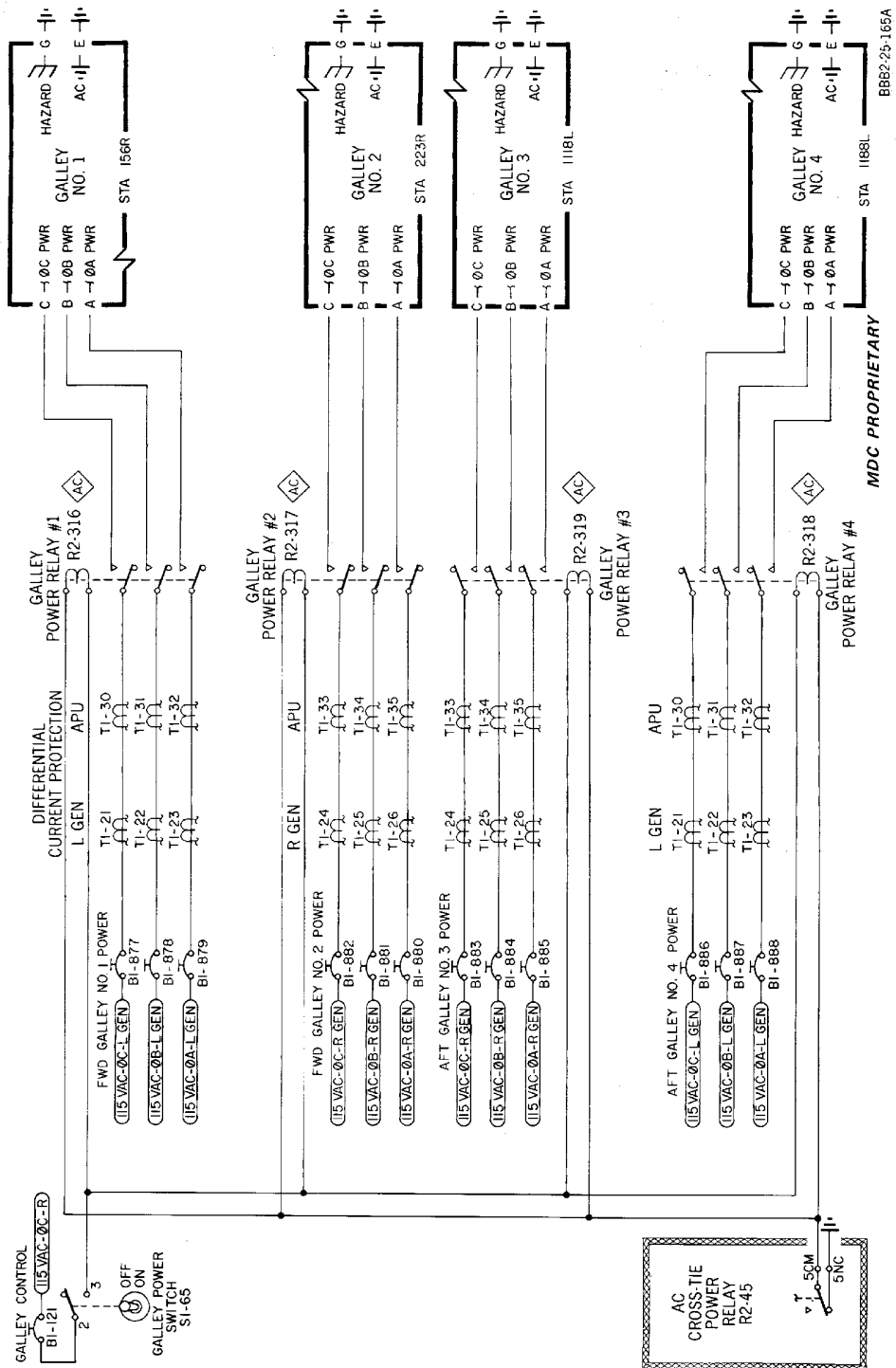
BBB2-25-579B

Galley Electrical Power and Control -- Schematic
Figure 1/25-30-00-990-801

EFFECTIVITY
WJE 401-404

25-30-00

MD-80
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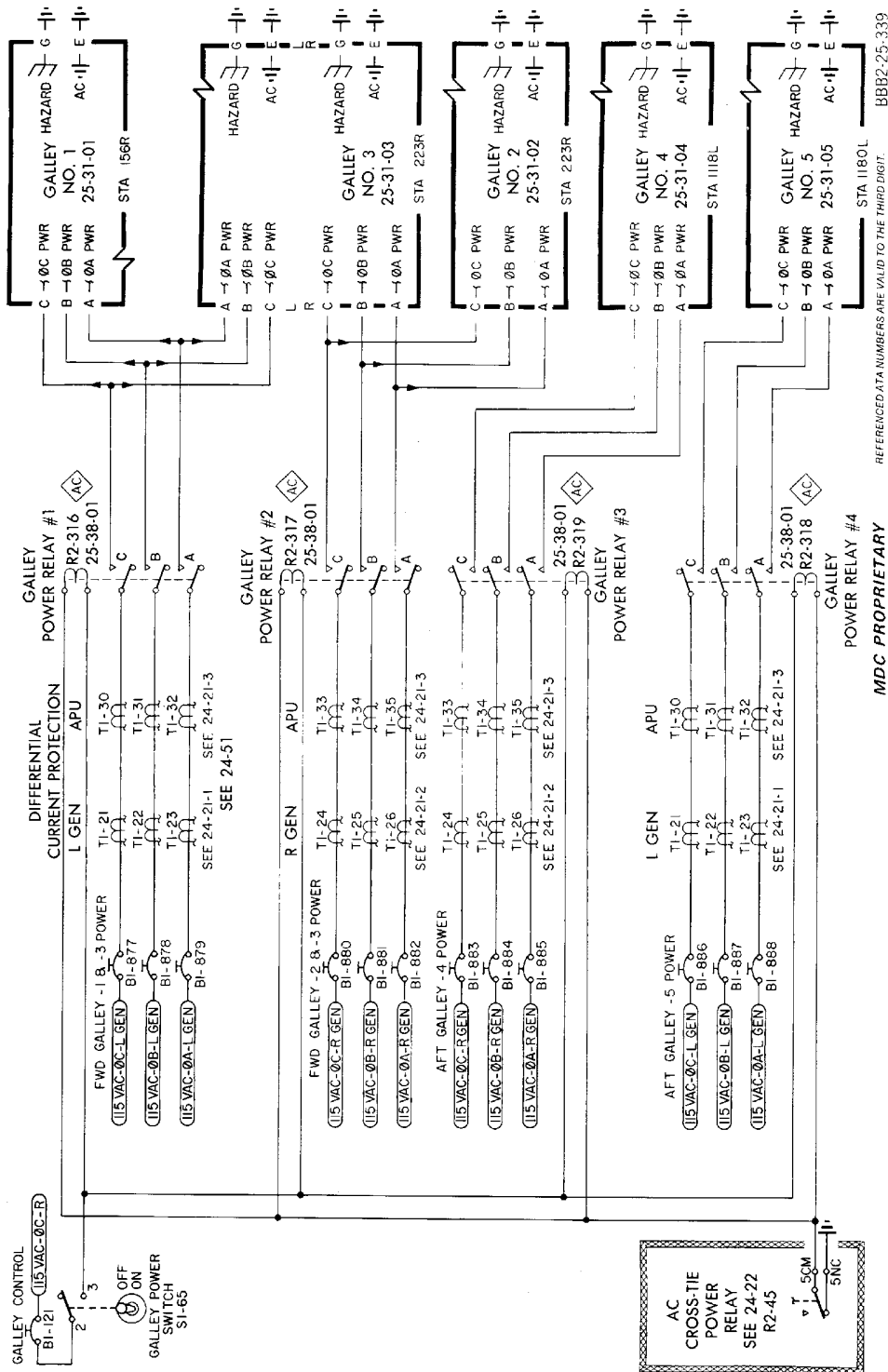


Galley Electrical Power and Control -- Schematic
Figure 2/25-30-00-990-802

EFFECTIVITY
WJE 405, 406, 409, 410, 873, 874, 881, 883, 884, 892, 893

25-30-00

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Galley Electrical Power and Control -- Schematic (Aircraft 101-200)
Figure 3/25-30-00-990-810

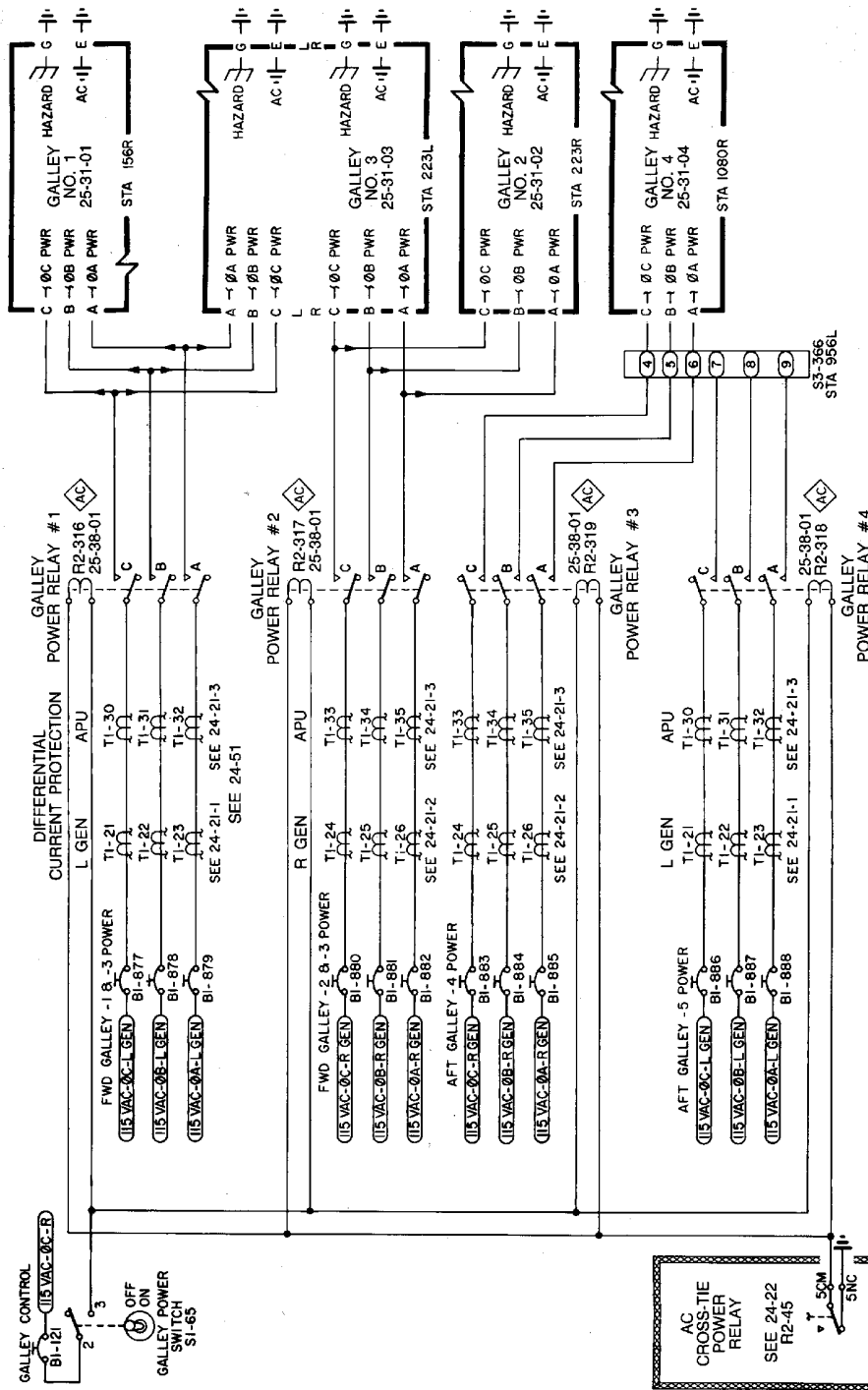
EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

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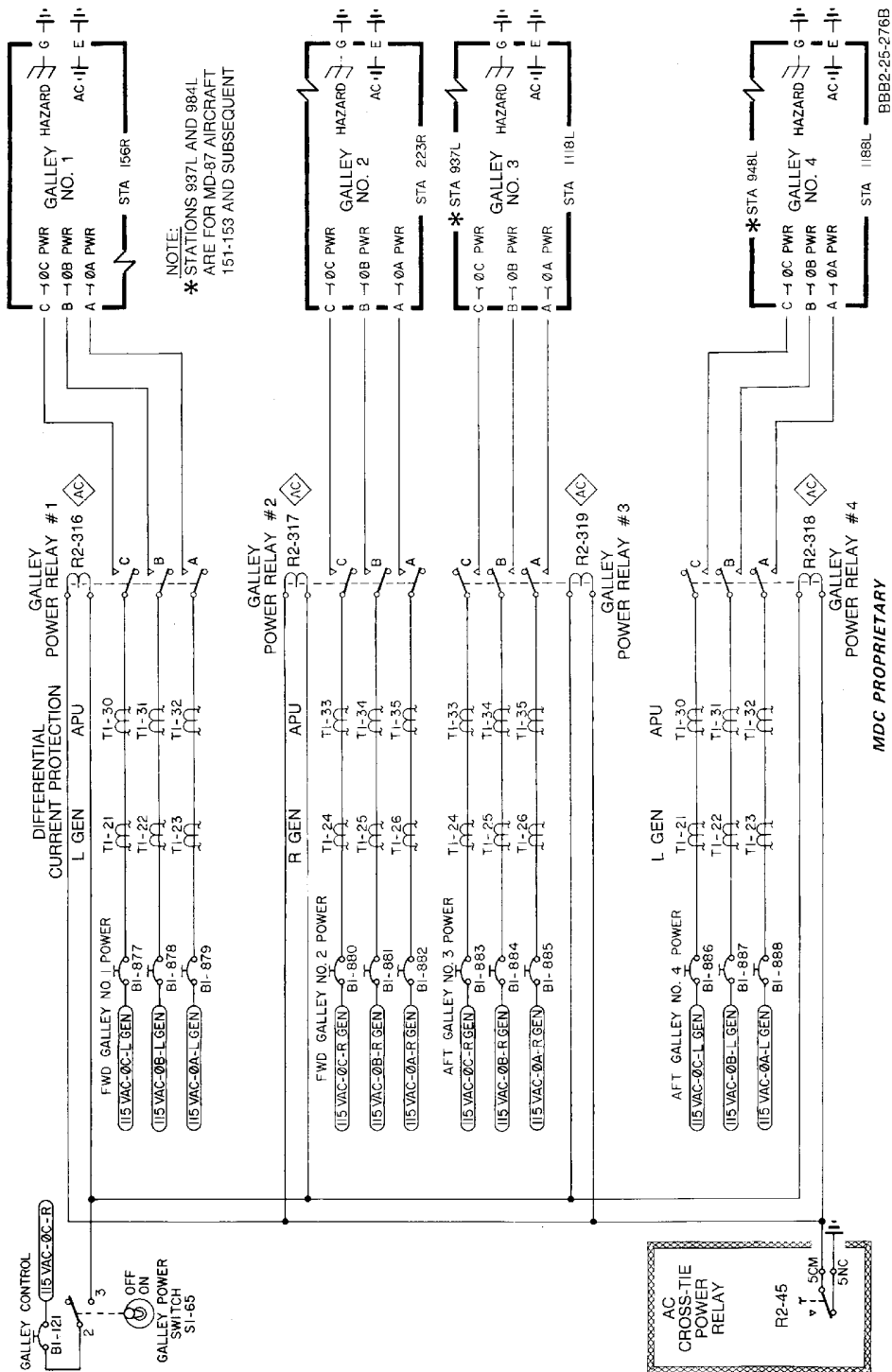
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Galley Electrical Power and Control -- Schematic (Aircraft 201-999)
Figure 4/25-30-00-990-811

EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

25-30-00

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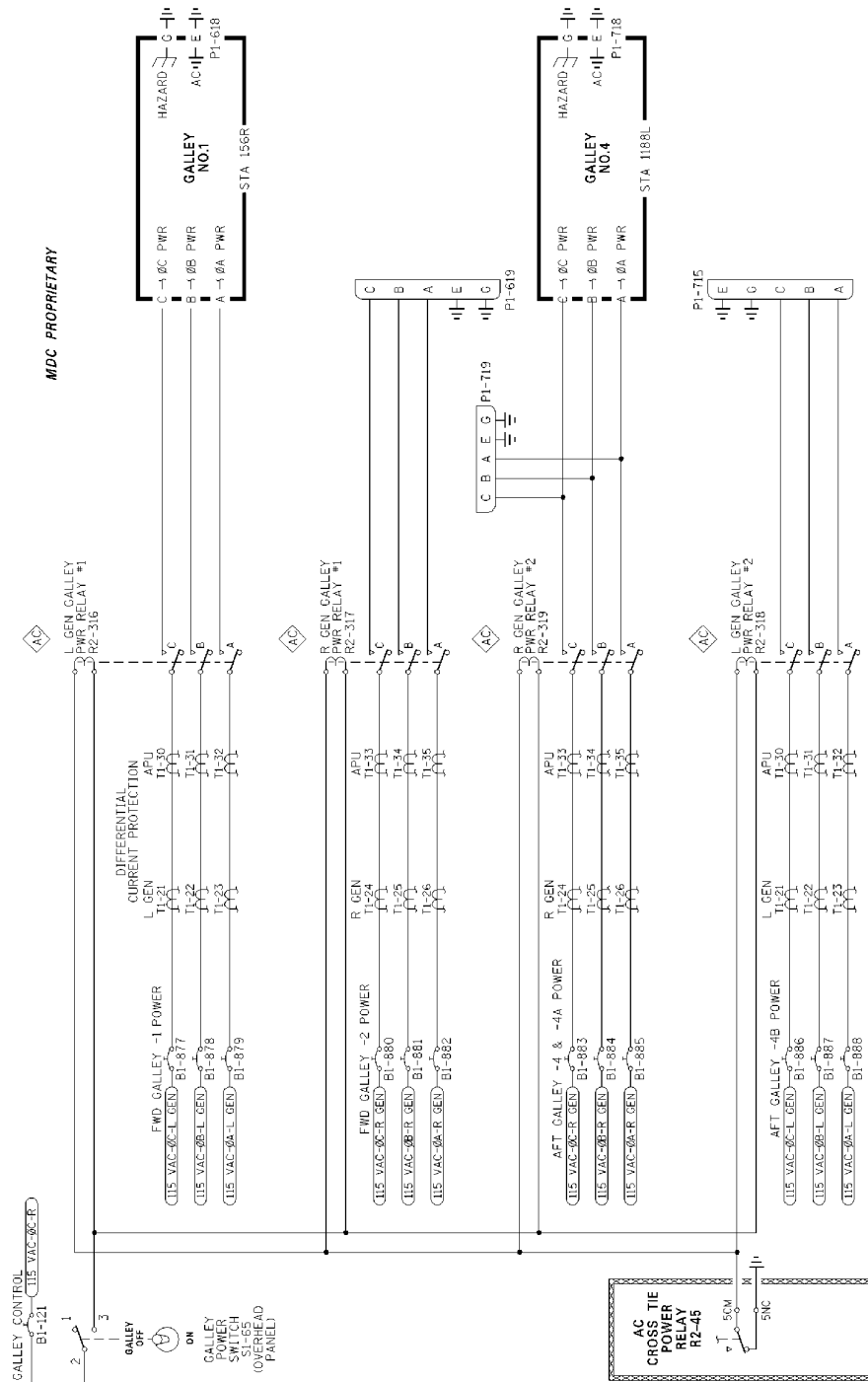


Galley Electrical Power and Control -- Schematic
Figure 5/25-30-00-990-812

EFFECTIVITY
WJE 407, 408, 411, 880

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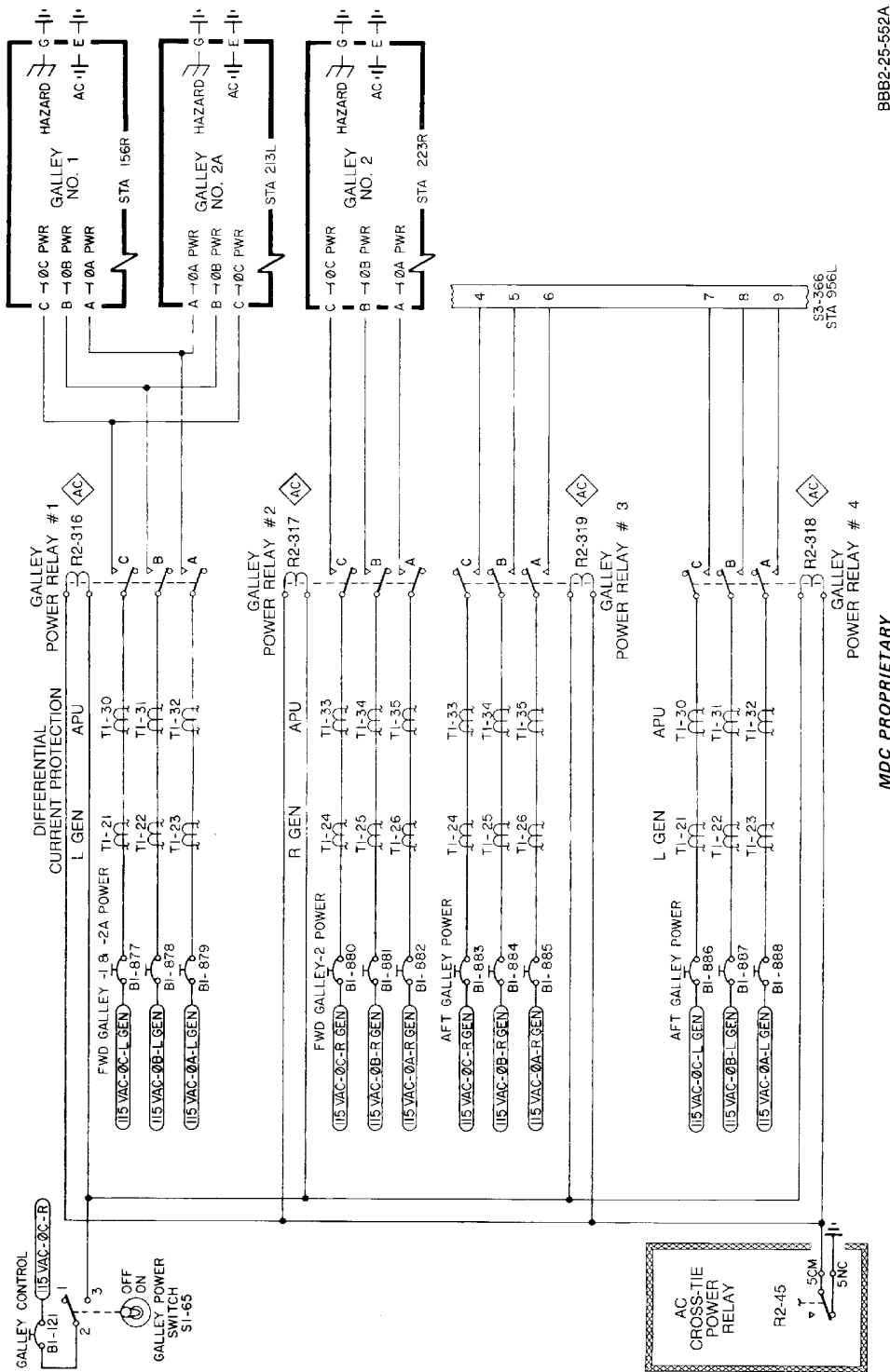
CAG (10GS)

Galley Electrical Power and Control -- Schematic
Figure 6/25-30-00-990-815

EFFECTIVITY
WJE 875-879

25-30-00

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88B2-25-562A

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Galley Electrical Power and Control -- Schematic (Aircraft 101-150)
Figure 7/25-30-00-990-820

EFFECTIVITY
WJE 886, 887

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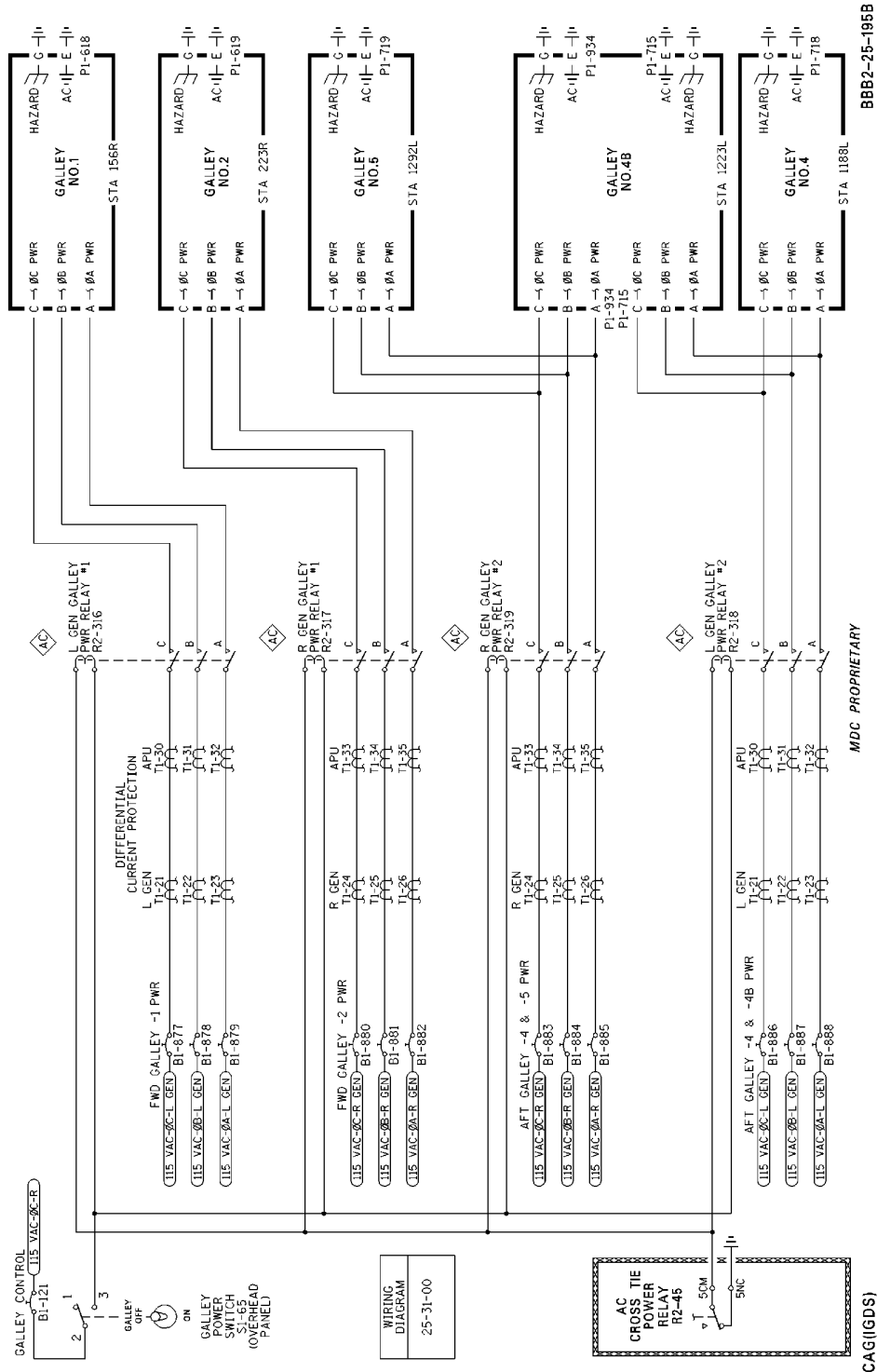
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Galley Electrical Power and Control -- Schematic (Aircraft 151-999)
Figure 8/25-30-00-990-821

EFFECTIVITY
WJE 886, 887

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BUFFET/GALLEY - DESCRIPTION AND OPERATION

WJE

WJE

1. General

WJE

A. There are four galley units installed in the passenger compartment, two on the forward right hand side, and two in the aft end left side. Both pairs straddle a service door. All have quarter turn spring-loaded latches for food and beverage carts. All units are removable from the aircraft for repair and changes in configuration. They are bolted to the aircraft's seat tracks. They have fittings on the top also.

WJE

WJE

WJE

WJE

WJE

B. Refer to C & D Interiors Component Maintenance Manuals and Drawings for more details.

EFFECTIVITY
WJE 412, 414

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G1 GALLEY - MAINTENANCE PRACTICES

1. General

- A. The G1 galley unit is located forward of the forward service door and forms the right aft partition of the flight compartment in the aircraft. The galley unit is not normally removed except to facilitate structural inspection, change in aircraft configuration, or repair. (Figure 201 or Figure 202 or Figure 203 or Figure 204 or Figure 205 or Figure 206 or Figure 207 or Figure 208)

WJE 401-404, 412, 414, 886, 887

- B. Cockpit door is secured to aft inboard side of G1 galley unit and should be removed when installing or removing unit.

WJE ALL

2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed items:

NOTE: It is possible that some materials in the Equipment and Materials List cannot be used for some or all of their necessary applications. Before you use the materials, make sure the types, quantities, and applications of the materials necessary are legally permitted in your location. All persons must obey all applicable federal, state, local, and provincial laws and regulations when it is necessary to work with these materials.

Name and Number	Manufacturer
WJE 405-411, 873-881, 883, 884, 886, 887, 892, 893	
Sealant, Polysulfide aluminized MC632 DMS QPL 1819	Morton Int. Garden Grove, CA
WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 891	
Sealant, Pro-Seal 735	Coast Pro-Seal & Mfg. Co, Los Angeles, CA
WJE ALL	
Shims, washer type AN970	

3. Removal/Installation G1 Galley

- A. Remove Galley

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Place galley switch on overhead switch panel in OFF position and open, tag, and safety following circuit breakers.

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-879	FWD GALLEY POWER PHASE A
		B1-878	FWD GALLEY POWER PHASE B
		B1-877	FWD GALLEY POWER PHASE C

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

EFFECTIVITY
WJE ALL

25-31-00

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WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (2) Remove all galley inserts and other removable equipment to provide access to galley attachments.

WJE 410

- (3) Remove all galley inserts and other removable equipment to lighten weight of galley unit and to provide access to galley attachments.

WJE 410, 415-427, 429, 861-866, 868, 869, 871-879, 886, 887, 891-893

- (4) Remove trim from edges of galley unit.

WJE 401-406, 409, 412, 414, 881, 883, 884

- (5) Remove trim from edges of galley unit, including door to cockpit. Door is secured to aft inboard side of unit with 13 attachment screws.

WJE 407, 408, 411, 880

- (6) Remove trim from edges of galley unit, including door to cockpit. Door is secured to aft inboard side of unit with attachment screws.

WJE 410, 886, 887

- (7) Remove cockpit door from galley unit as required.

WJE 405-411, 873-881, 883, 884, 886, 887, 892, 893

- (8) Depressurize water system. (WATER SUPPLY SYSTEM, SUBJECT 38-11-00, Page 301).

WJE 401-406, 409, 410, 873-879, 881, 883, 884, 886, 887, 892, 893

- (9) Disconnect and cap water inlet line on forward side of galley unit.

WJE 407, 408, 411, 880

- (10) Open access door on forward outboard side of galley; then, disconnect and cap water lines as required.

WJE 410, 415-427, 429, 861-866, 868, 869, 871, 872, 886, 887, 891

- (11) Remove attachment bolts that secure galley unit to floor and ceiling.

WJE 401-406, 409, 410, 412, 414, 873-881, 883, 884, 892, 893

- (12) Remove attachments that secure galley to the floor and ceiling.

WJE 407, 408, 411, 880

- (13) Remove ceiling attachment from top of galley unit.

WJE ALL

- (14) Break seal at floor line, move galley unit out from fuselage sidewall, and disconnect electrical power receptacle.

- (15) Remove galley unit from aircraft.

B. Install Galley

EFFECTIVITY
WJE ALL

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- (1) Check that galley switch on overhead switch panel is in OFF position and that following circuit breakers are open, tagged, and safetied.

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-879	FWD GALLEY POWER PHASE A
		B1-878	FWD GALLEY POWER PHASE B
		B1-877	FWD GALLEY POWER PHASE C

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 401-411, 873-881, 883, 884, 886, 887, 892, 893

- (2) Check floor covering in galley installation area. Make certain moisture barrier complies with requirements specified in. (FLIGHT AND PASSENGER COMPARTMENT FLOOR PANELS, SUBJECT 53-20-01, Page 201)

WJE ALL

CAUTION: WHEN MOVING GALLEY INTO POSITION ENSURE THAT WIRING, HOSES, ETC., ADJACENT TO AND BEHIND THE GALLEY ARE NOT PINCHED OR DAMAGED.

- (3) Position galley unit approximately eight inches (203.2 mm) from fuselage sidewall and connect electrical power receptacle.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (4) Move galley unit into position and install floor and ceiling attachment bolts.
 (5) If required, use AN970 washer-type shims to adjust or level galley unit. Maximum height of shims at any one attachment should not exceed 3/16-inch.

WJE 405-411, 873-881, 883, 884, 886, 887, 892, 893

- (6) Remove caps and connect water lines on forward inboard side of galley unit.

WJE 405-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

WARNING: POLYSULFIDE ALUMINIZED SEALANT IS AN AGENT THAT IS FLAMMABLE, EXPLOSIVE, POISONOUS, AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN POLYSULFIDE ALUMINIZED SEALANT IS USED.

- GAS/AIR MIXTURES MORE THAN THE LOWER EXPLOSIVE LIMIT (LEL) CAN CAUSE AN EXPLOSION IF HIGH HEAT, SPARKS, OR FLAMES SUPPLY IGNITION.
- USE IN AN AREA OPEN TO THE AIR.
- CLOSE THE CONTAINER WHEN NOT USED.
- DO NOT GET POLYSULFIDE ALUMINIZED SEALANT IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
- DO NOT BREATHE THE GAS.

EFFECTIVITY
 WJE ALL

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WJE 405-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893 (Continued)

(WARNING PRECEDES)

WARNING: REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIERS'S MSDS FOR:

- MORE PRECAUTIONARY DATA
- APPROVED SAFETY EQUIPMENT
- EMERGENCY MEDICAL AID.

TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE PROCEDURES TO DISCARD THESE HAZARDOUS AGENTS.

- (7) Apply 1/8-inch (3.175 mm) bead of (Polysulfide aluminized) sealant around bottom edge of galley unit, at floor line.

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 891

WARNING: SILICONE SEALANT IS AN AGENT THAT IS POISONOUS, CARCINOGENIC, CORROSIVE, AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN SILICONE SEALANT IS USED.

- DO NOT USE IN AREAS WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
- USE IN AN AREA OPEN TO THE AIR.
- CLOSE THE CONTAINER WHEN NOT USED.
- DO NOT GET SILICONE SEALANT IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
- DO NOT BREATHE THE GAS.

WARNING: REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIERS'S MSDS FOR:

- MORE PRECAUTIONARY DATA
- APPROVED SAFETY EQUIPMENT
- EMERGENCY MEDICAL AID.

TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE PROCEDURES TO DISCARD THESE HAZARDOUS AGENTS.

- (8) Apply 1/8-inch (3.175 mm) bead of Pro-Seal 735 sealant around bottom edge of galley unit, at floor line.

WJE 410, 415-427, 429, 861-866, 868, 869, 871-879, 886, 887, 891-893

- (9) Install trim to edges of galley unit.

WJE 401-406, 409, 881, 883, 884

- (10) Install trim to edges of galley unit and secure cockpit door to aft inboard side of unit with 13 attachment screws.

WJE 407, 408, 411, 880

- (11) Install trim to edges of galley unit and secure cockpit door to aft inboard side of unit with attachment screws.

WJE 412, 414

- WJE** (12) Install trim to edges of galley unit and secure cockpit door to aft inboard side of unit with 13
WJE attachment screws.

EFFECTIVITY
WJE ALL

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WJE ALL

- (13) Remove tags and close following circuit breakers.

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-879	FWD GALLEY POWER PHASE A
		B1-878	FWD GALLEY POWER PHASE B
		B1-877	FWD GALLEY POWER PHASE C

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

- (14) Check galley electrical equipment for proper operation.

NOTE: Ground power must be supplied to aircraft for performance of test. Ground control relay must be in GROUND position and galley switch on overhead switch panel must be in ON position.

WJE 405-411, 873-881, 883, 884, 886, 887, 892, 893

- (15) Pressurize water system. (WATER SUPPLY SYSTEM, SUBJECT 38-11-00)

WJE ALL

- (16) Install all inserts and other equipment previously removed from galley.

WJE 410, 886, 887

- (17) Install cockpit door on galley unit as required.

WJE ALL

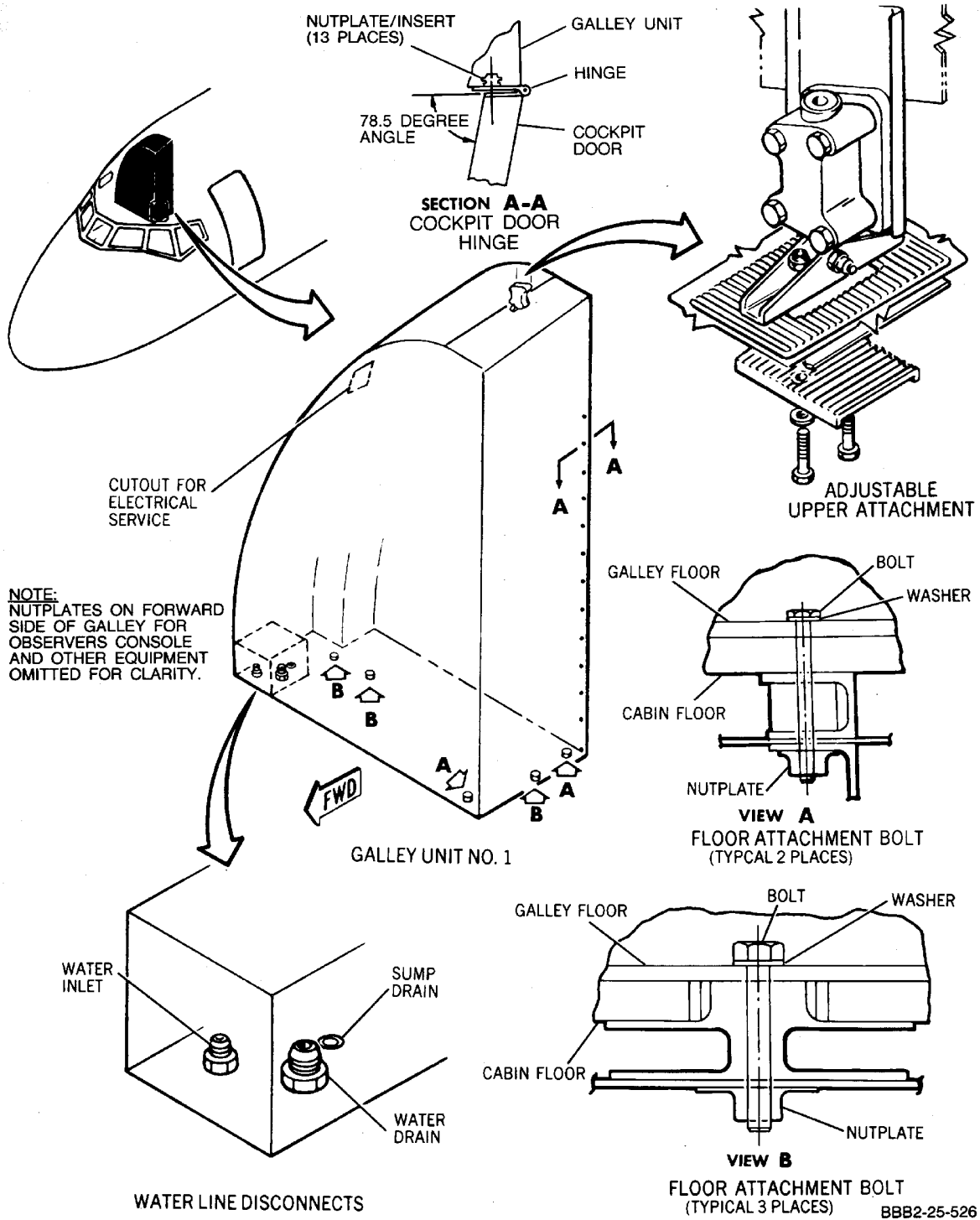
EFFECTIVITY
WJE ALL

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**G1 Galley Installation
Figure 201/25-31-00-990-803**

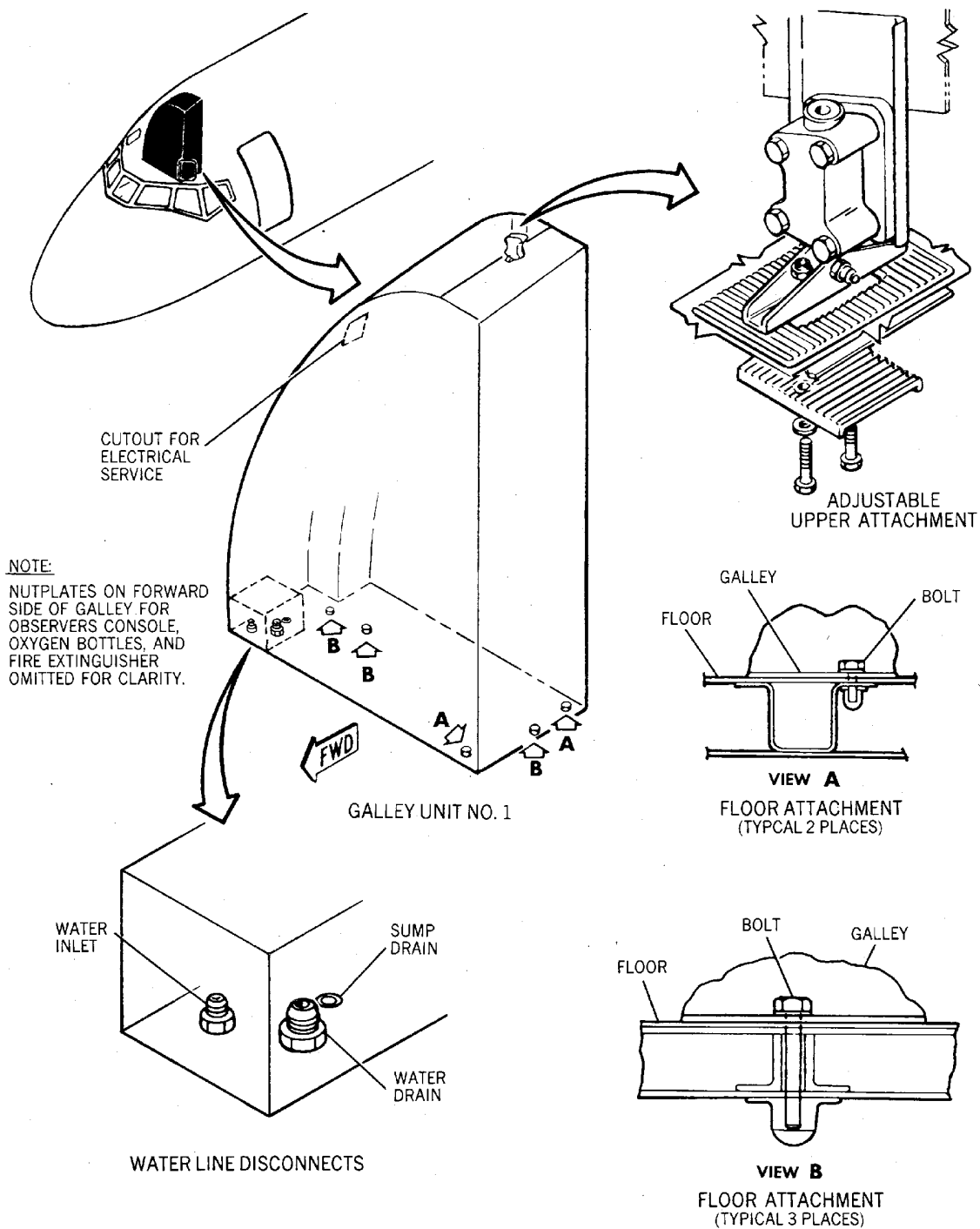
EFFECTIVITY
WJE 405, 406, 409, 881, 883, 884

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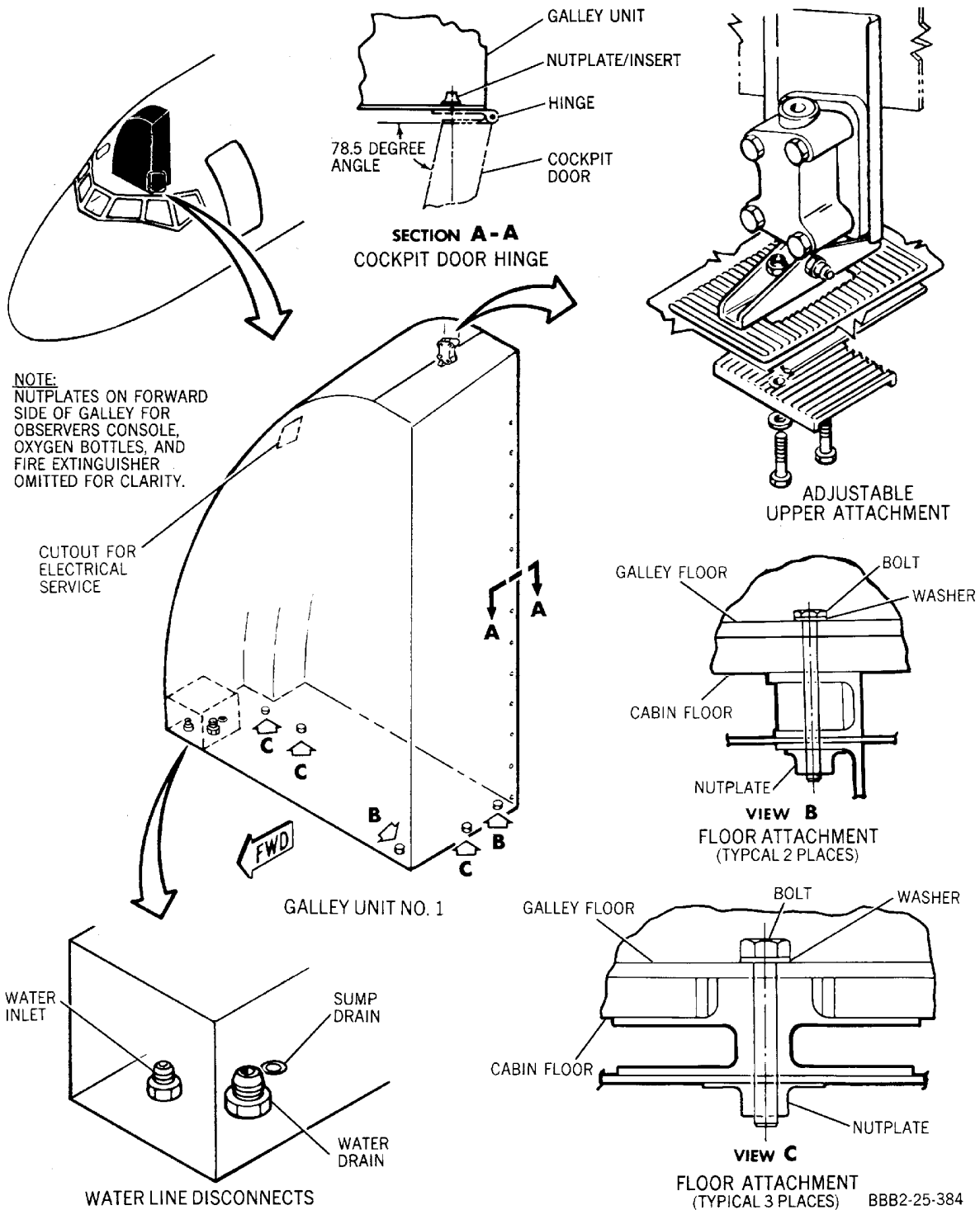
BBB2-25-135

**G1 Galley Installation
Figure 202/25-31-00-990-804**

EFFECTIVITY
WJE 875-879

25-31-00

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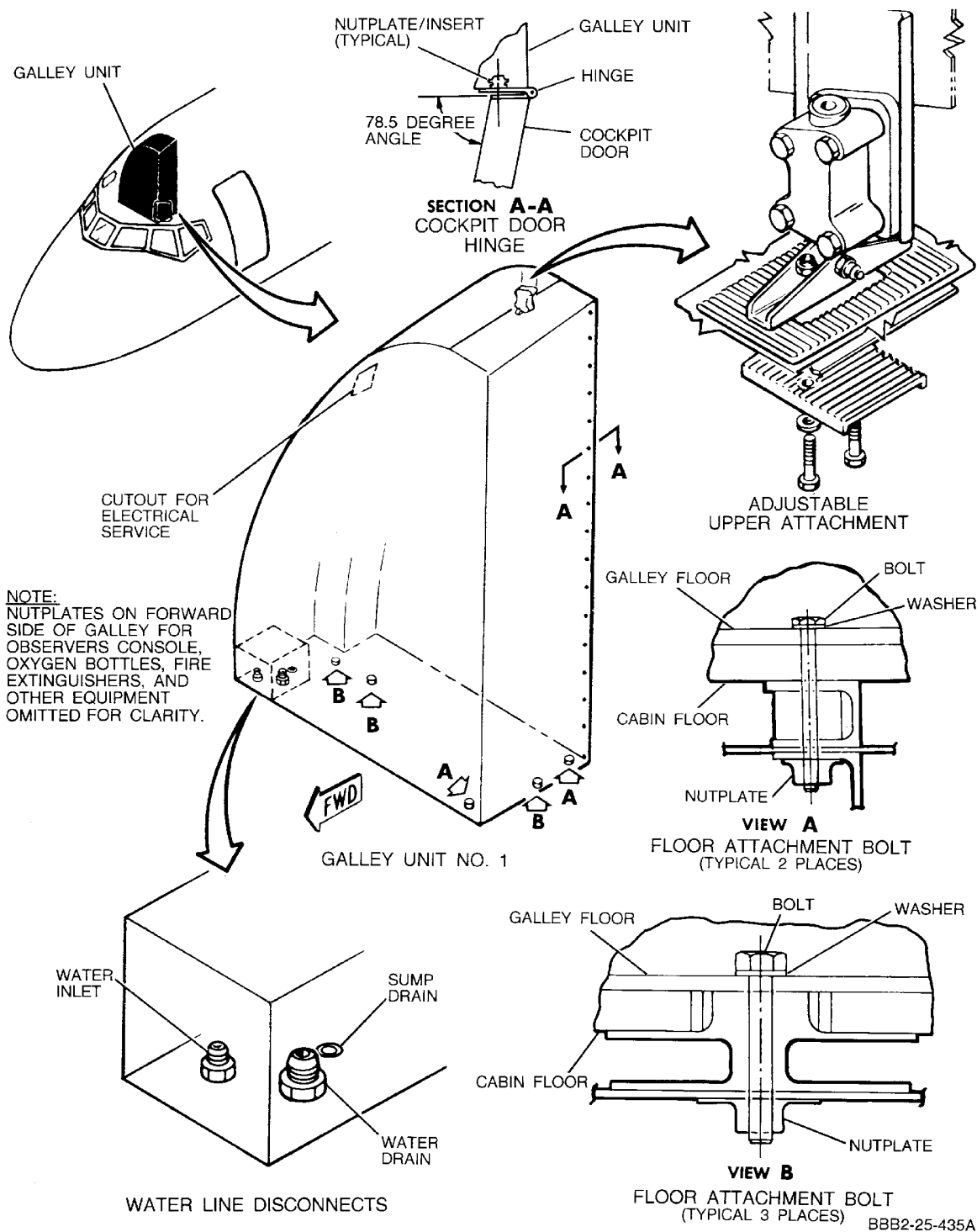


**G1 Galley Installation
Figure 203/25-31-00-990-805**

EFFECTIVITY
WJE 873, 874, 892, 893

25-31-00

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**G1 Galley Installation
Figure 204/25-31-00-990-806**

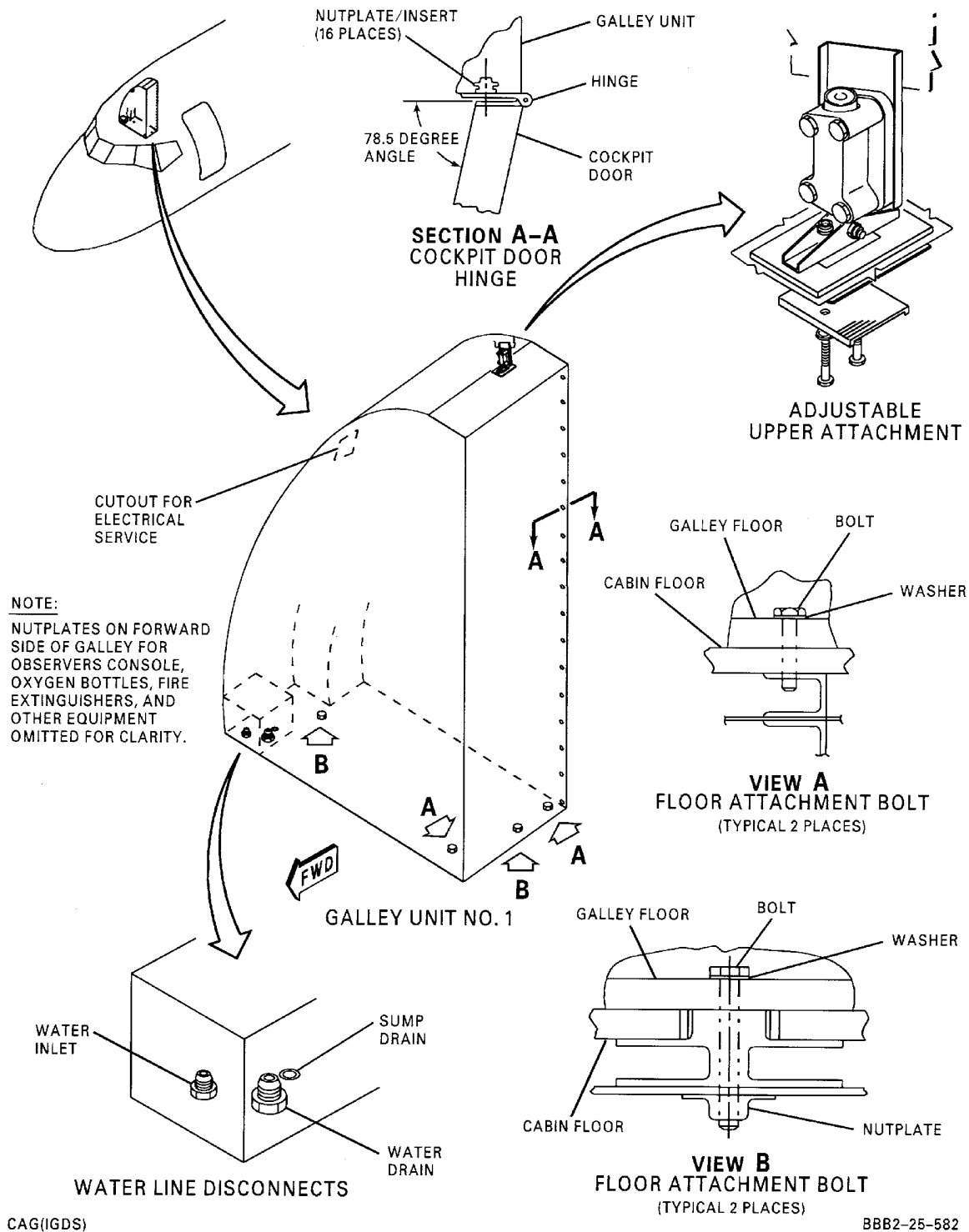
EFFECTIVITY
WJE 410

25-31-00

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**G1 Galley Installation
Figure 205/25-31-00-990-812**

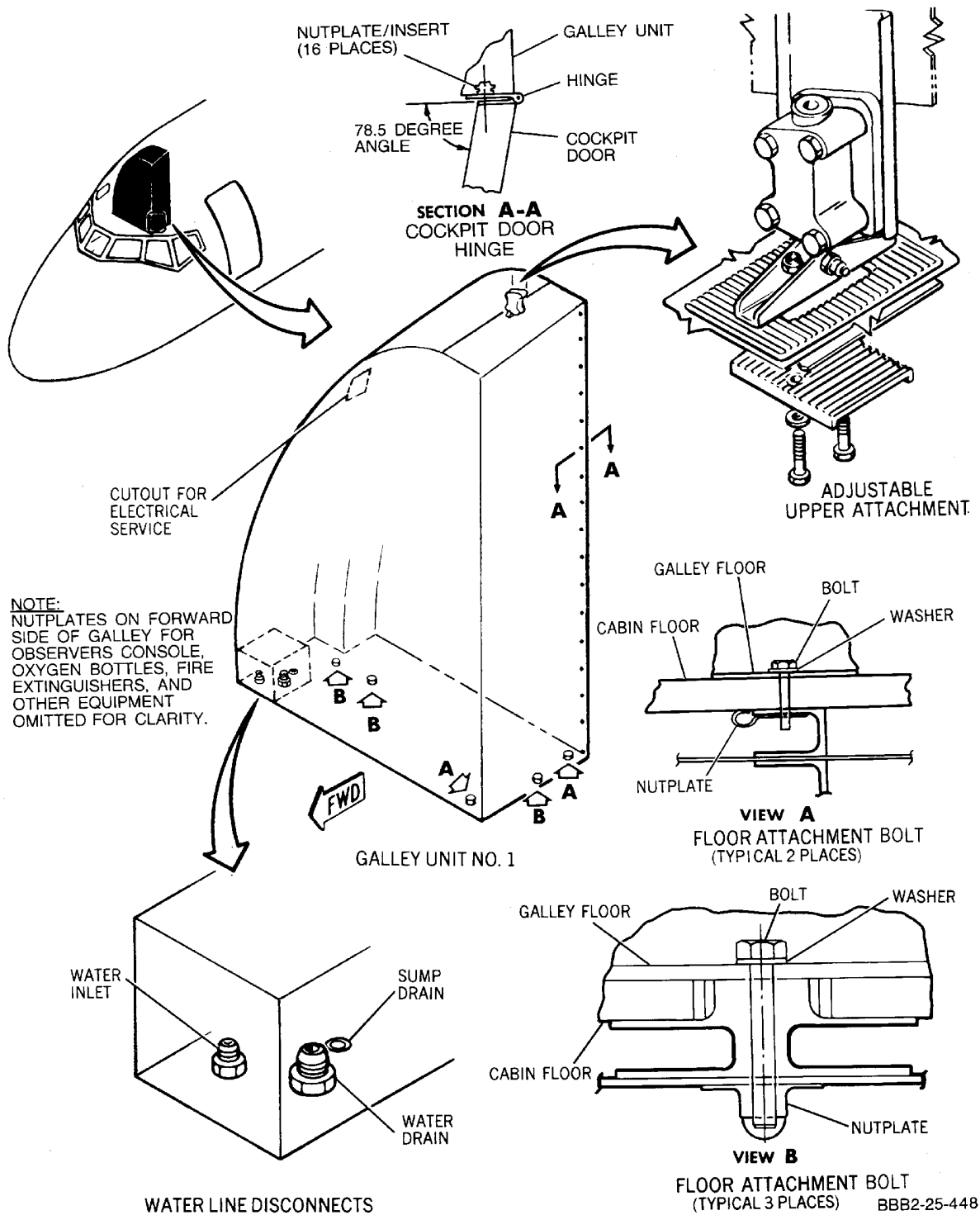
EFFECTIVITY
WJE 406-408, 411, 880

25-31-00

TP-80MM-WJE

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**G1 Galley Installation
Figure 206/25-31-00-990-815**

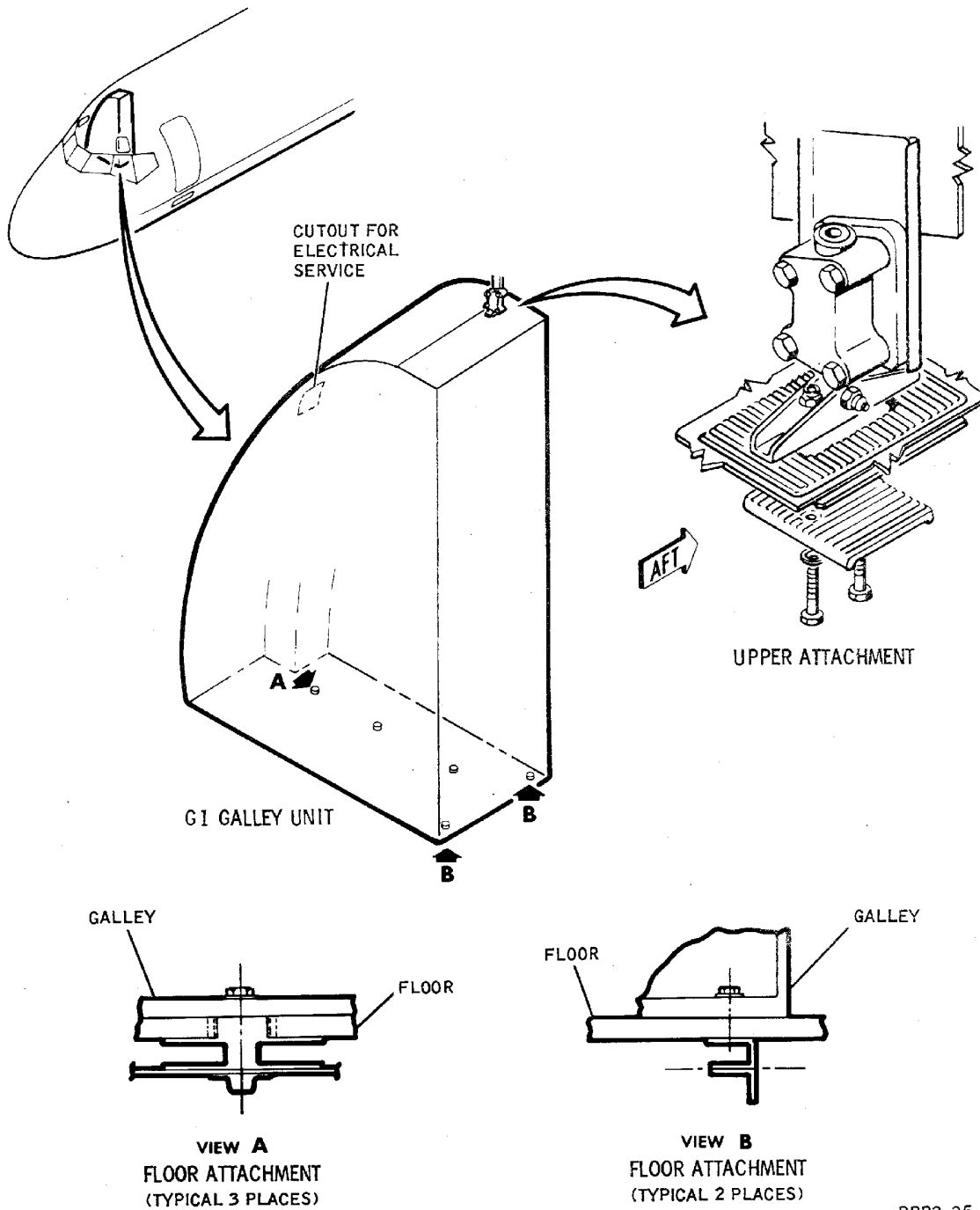
EFFECTIVITY
WJE 886, 887

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BBB2-25-21

**G1 Galley Installation
Figure 207/25-31-00-990-820**

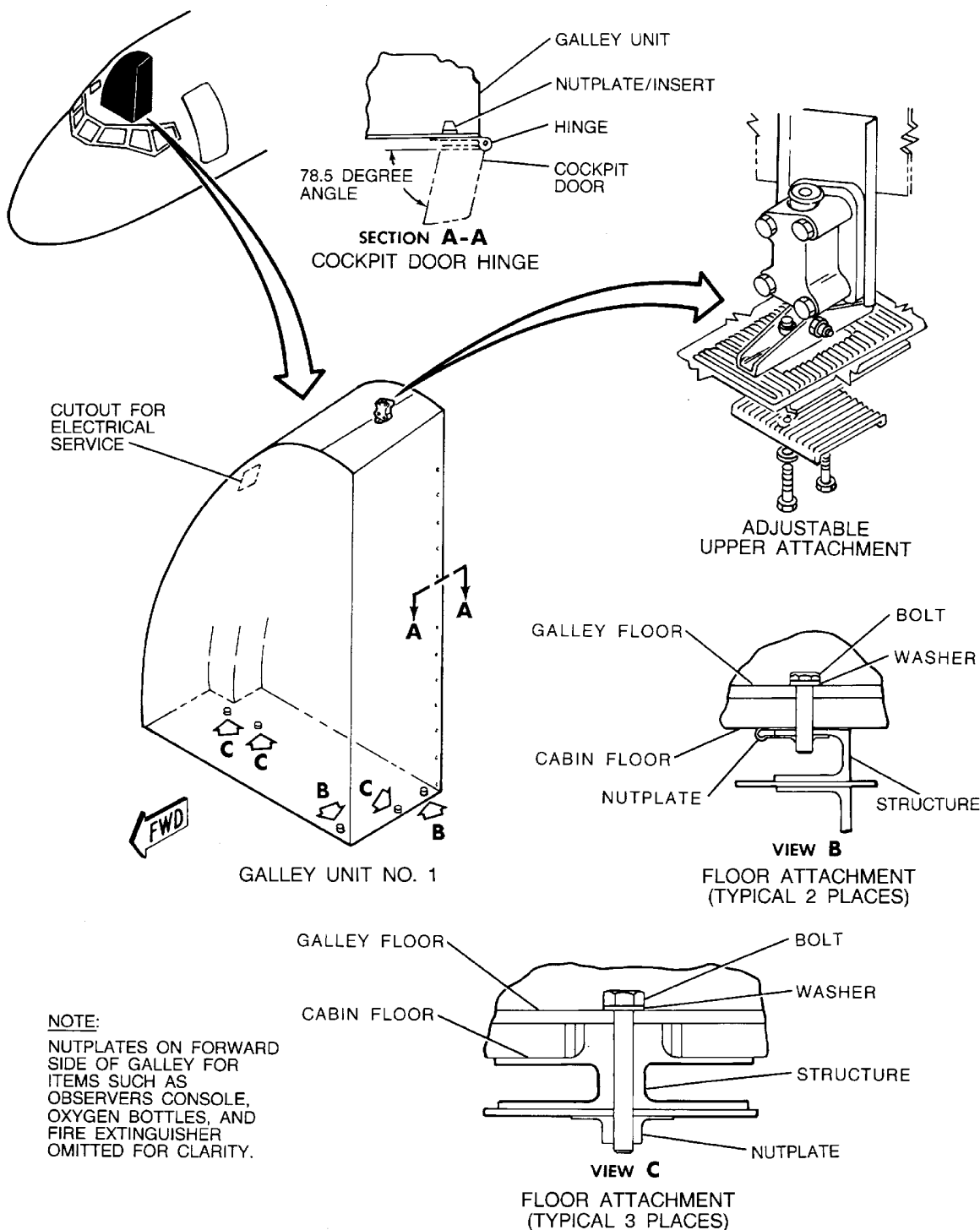
EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

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NOTE:
NUTPLATES ON FORWARD SIDE OF GALLEY FOR ITEMS SUCH AS OBSERVERS CONSOLE, OXYGEN BOTTLES, AND FIRE EXTINGUISHER OMITTED FOR CLARITY.

BBB2-25-483

**G1 Galley Installation
Figure 208/25-31-00-990-821**

EFFECTIVITY
WJE 401-404, 412, 414

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G2/G2A/G2C GALLEY - MAINTENANCE PRACTICES

1. General

WJE 401-412, 414, 873, 874, 877, 880, 881, 883, 884, 892, 893

- A. The G2 galley unit is located aft of the service door on the right side of the aircraft. The galley unit is not normally removed except to facilitate structural inspection, change in aircraft configuration, or repair. (Figure 201)

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- B. The G2 and G2A galley units are located aft of the service door on the right side of the aircraft. The galleys are not normally removed except to facilitate structural inspection, change in aircraft configuration, or repair.

WJE 886, 887

- C. The G2 and G2A galley units are located forward in the passenger compartment. The G2 galley (on all aircraft) is aft of the service door on the right side of the cabin. The G2A galley is aft of the forward lavatory on the left side of the cabin. The galleys are not normally removed except to facilitate structural inspection, change in aircraft configuration, or repair.

EFFECTIVITY

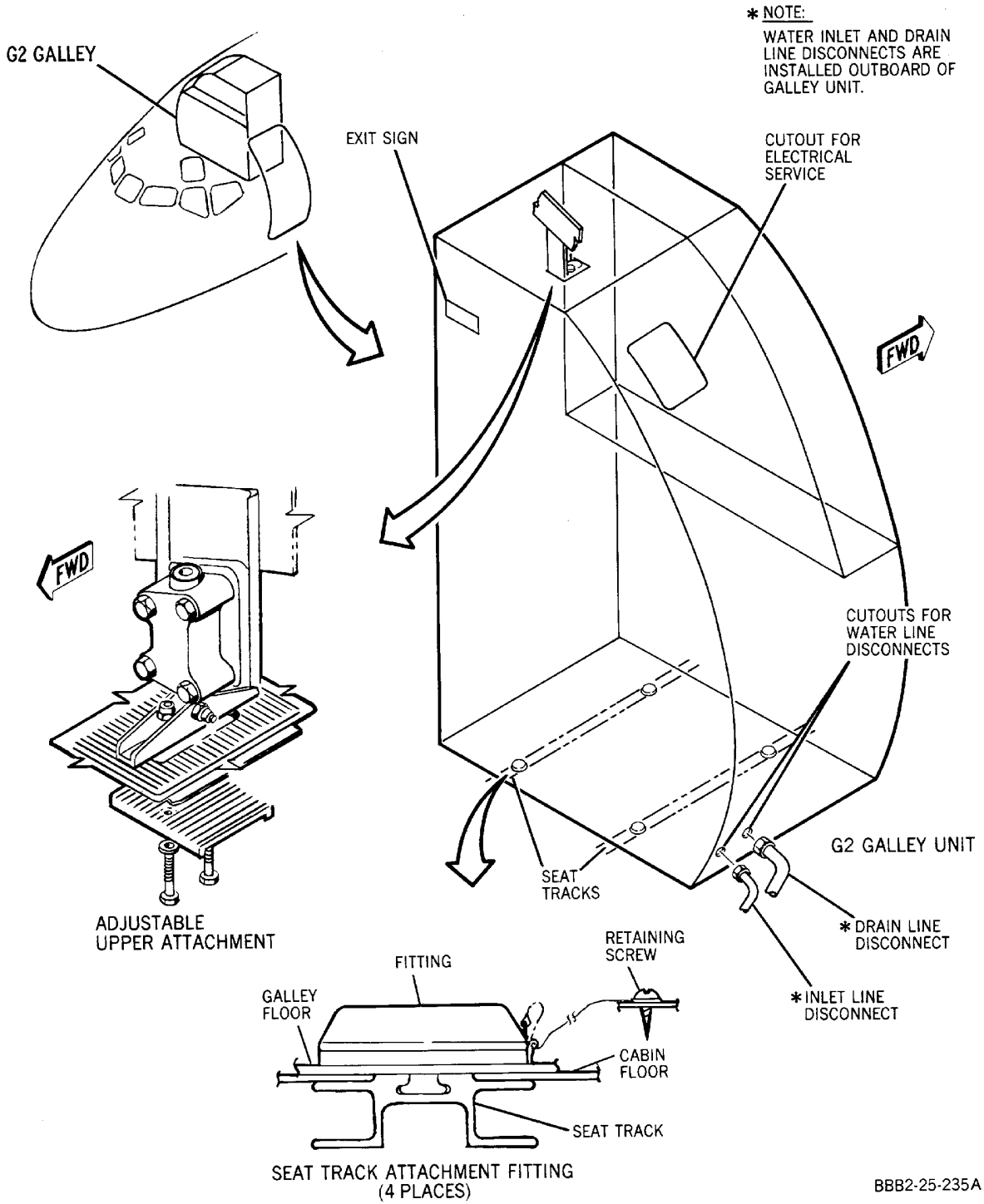
**WJE 401-412, 414-427, 429, 861-866, 868, 869,
871-874, 877, 880, 881, 883, 884, 886, 887, 891-893**

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BBB2-25-235A

G2 Galley Installation
Figure 201/25-32-00-990-802 (Sheet 1 of 8)

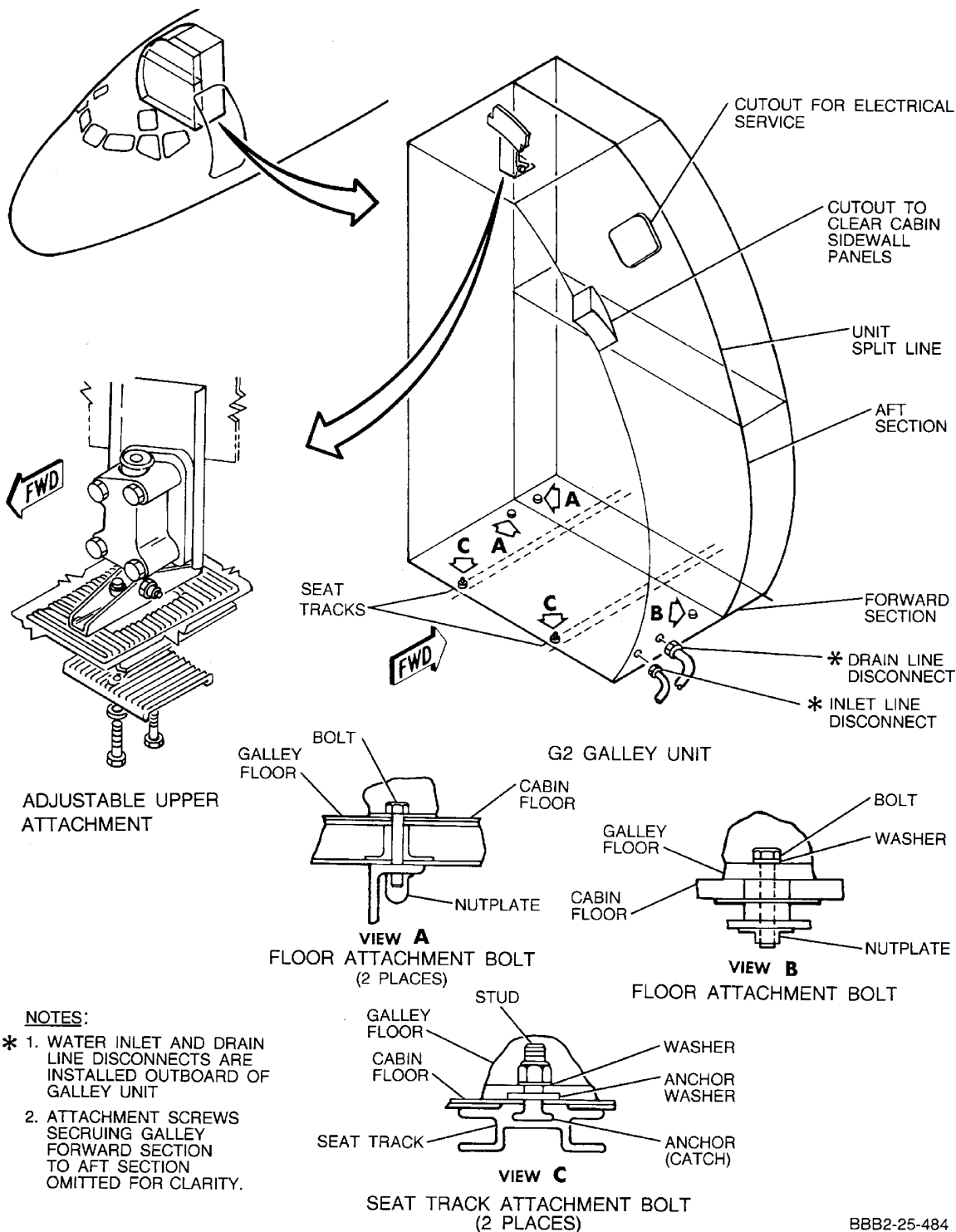
EFFECTIVITY
WJE 873, 874

TP-80MM-WJE

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BBB2-25-484

G2 Galley Installation
Figure 201/25-32-00-990-802 (Sheet 2 of 8)

EFFECTIVITY
WJE 401-404, 412, 414

TP-80MM-WJE

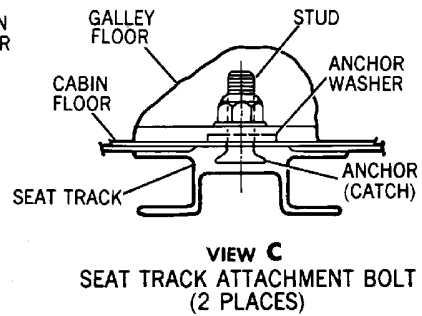
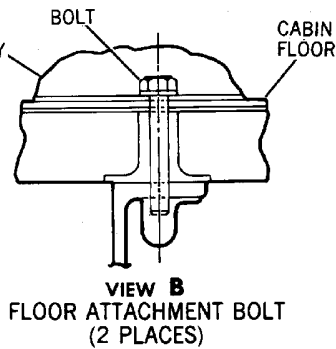
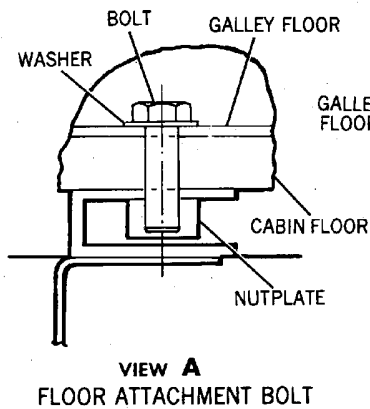
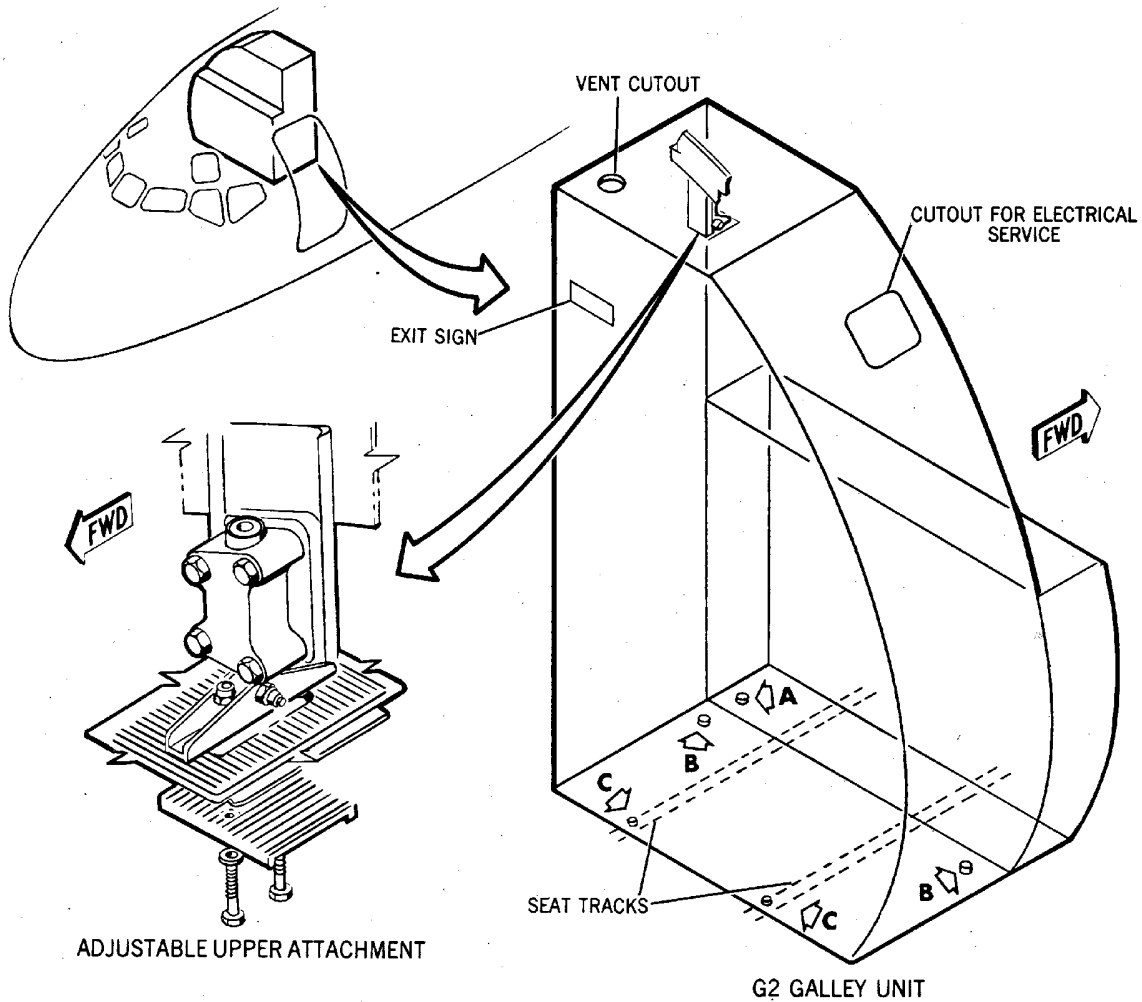
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BBB2-25-172

G2 Galley Installation
Figure 201/25-32-00-990-802 (Sheet 3 of 8)

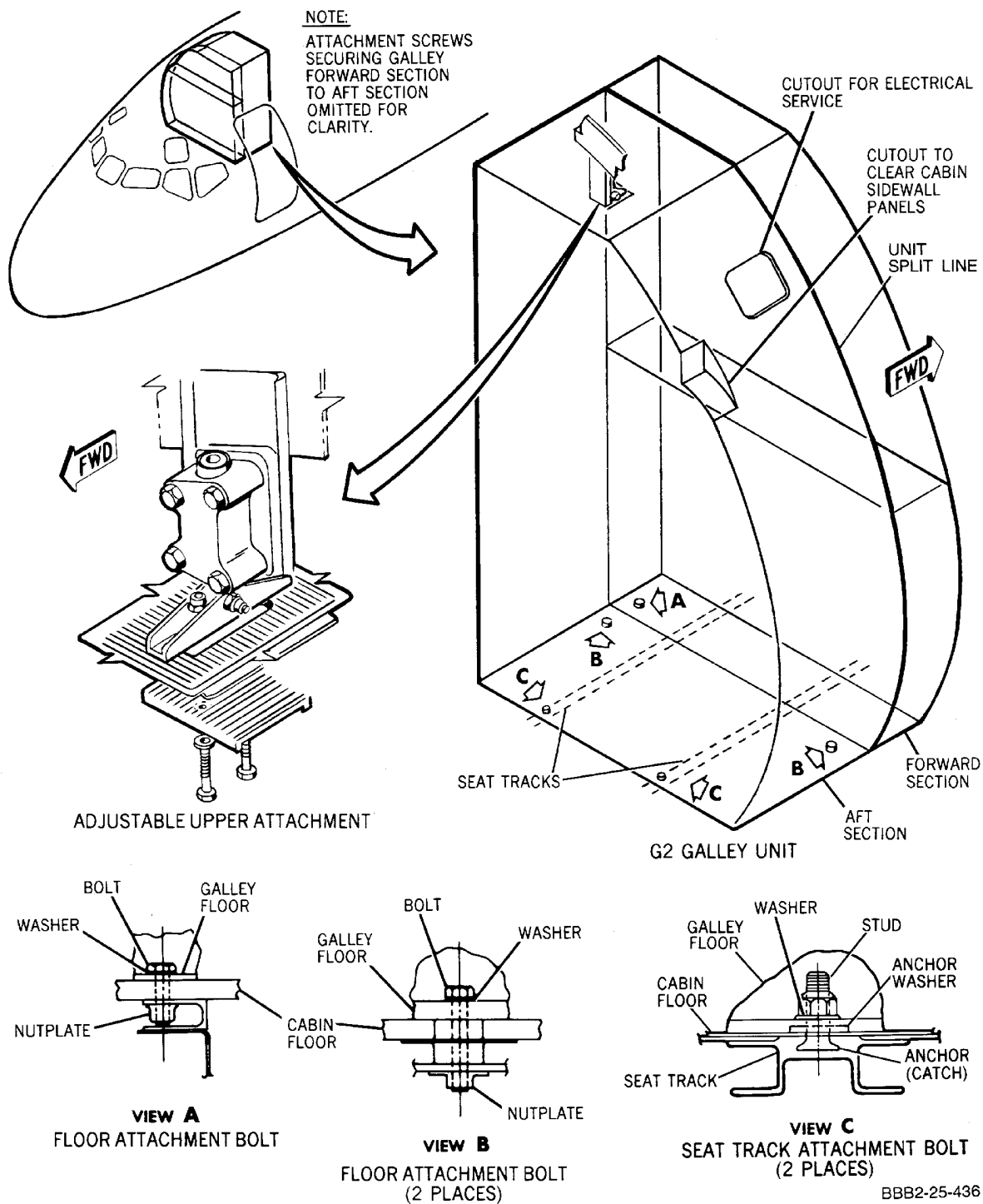
EFFECTIVITY
WJE 893

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G2 Galley Installation
Figure 201/25-32-00-990-802 (Sheet 4 of 8)

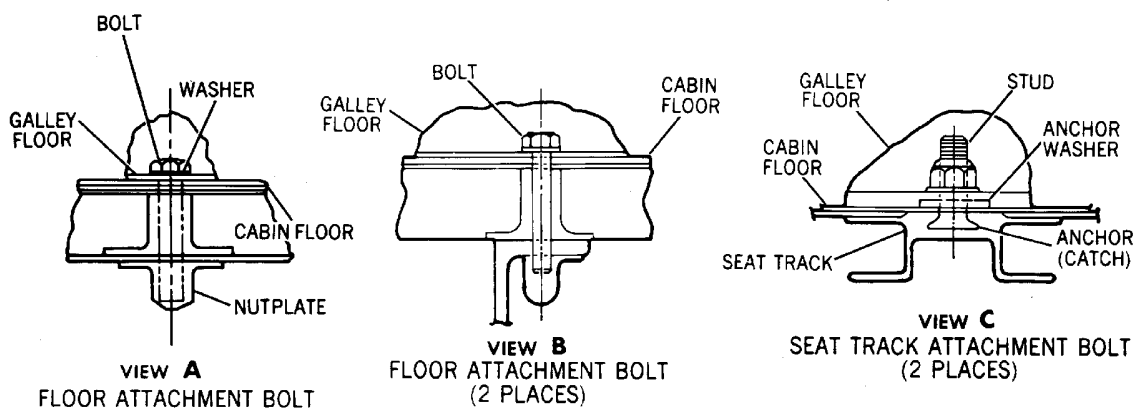
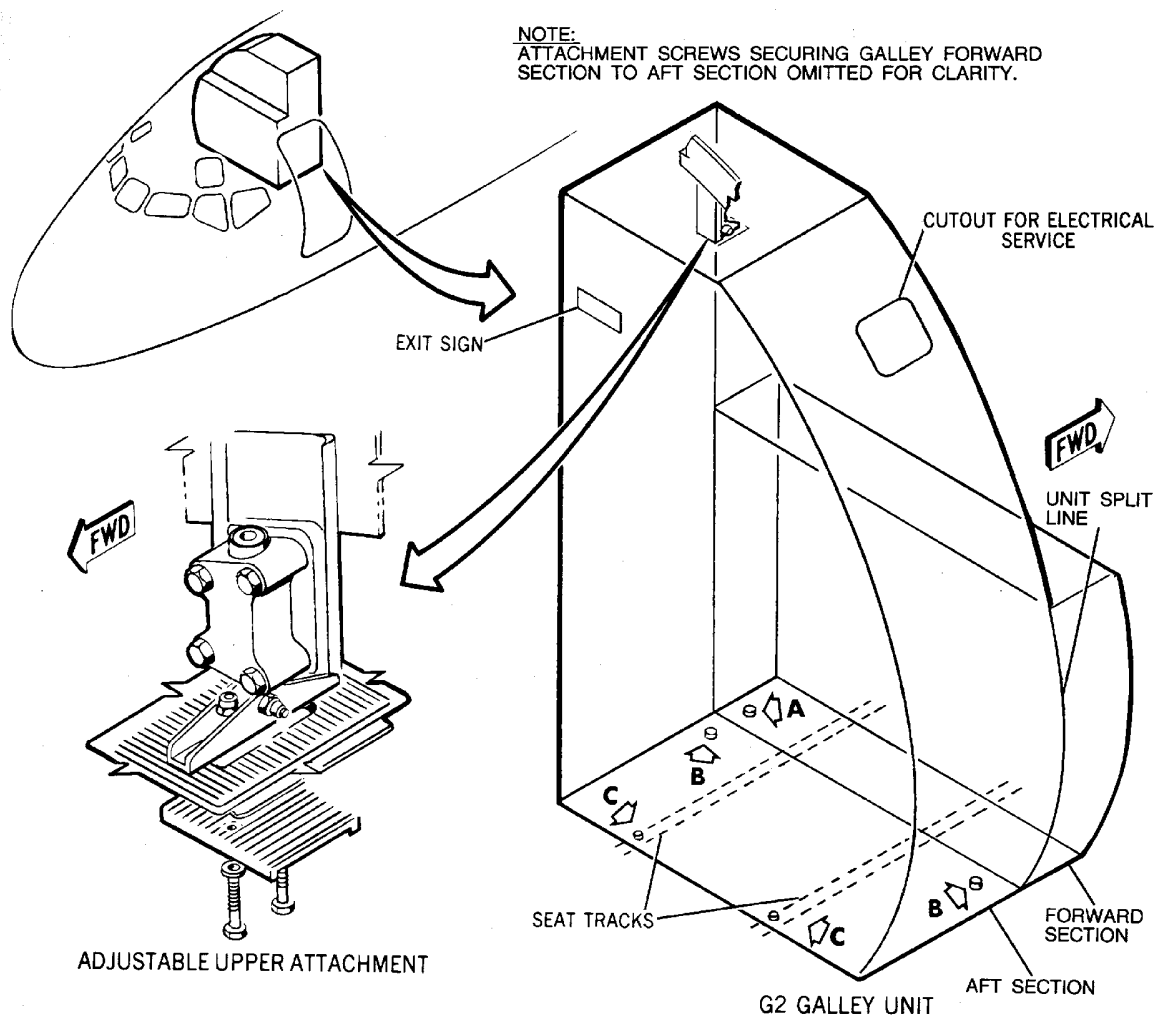
EFFECTIVITY
WJE 410, 886, 887

TP-80MM-WJE

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G2 Galley Installation
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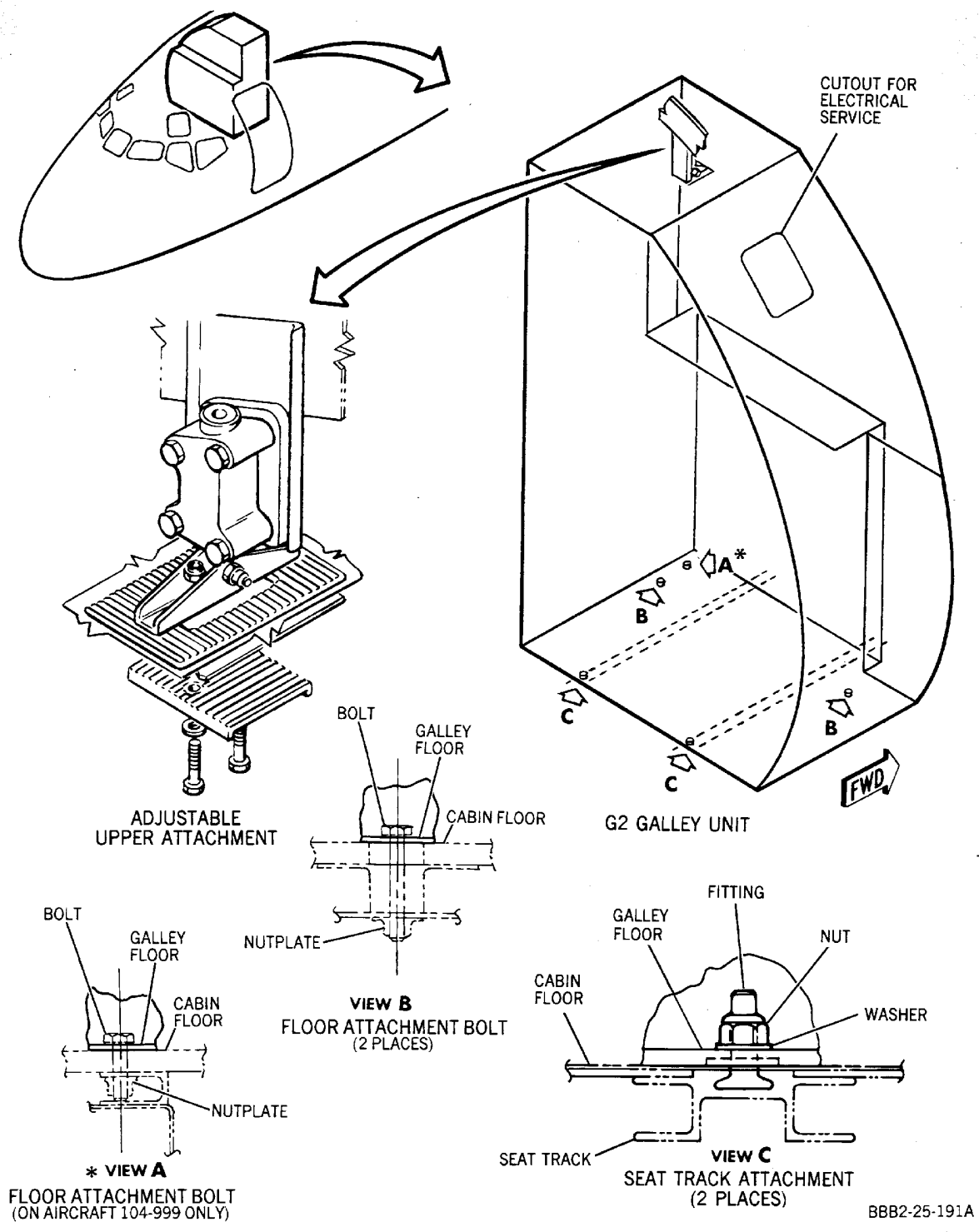
EFFECTIVITY
WJE 405, 406, 409, 881, 883, 884

TP-80MM-WJE

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G2 Galley Installation
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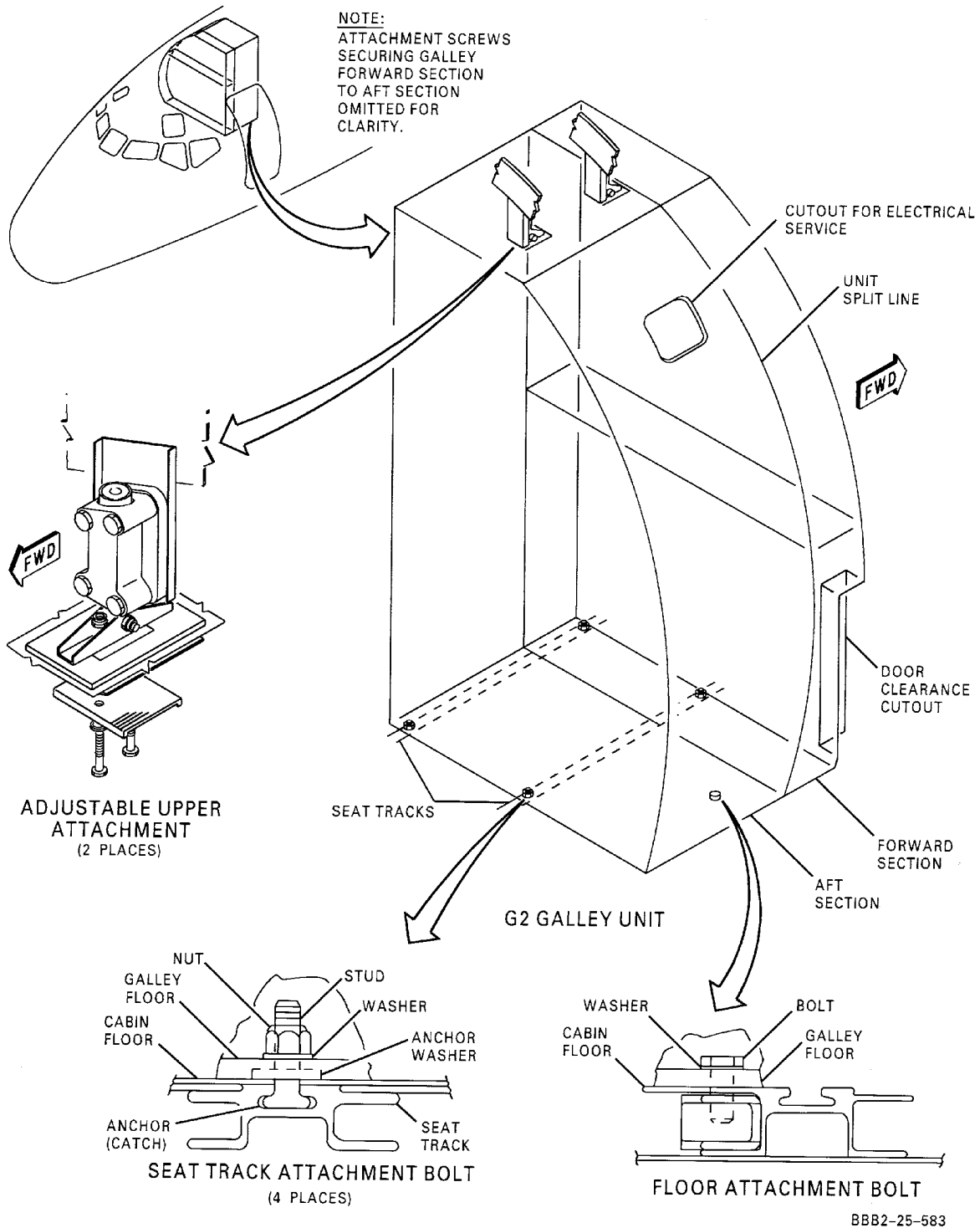
EFFECTIVITY
WJE 407, 408, 411, 880

TP-80MM-WJE

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G2 Galley Installation
Figure 201/25-32-00-990-802 (Sheet 7 of 8)

EFFECTIVITY
WJE 405, 406, 408-411, 880, 881, 883, 884

TP-80MM-WJE

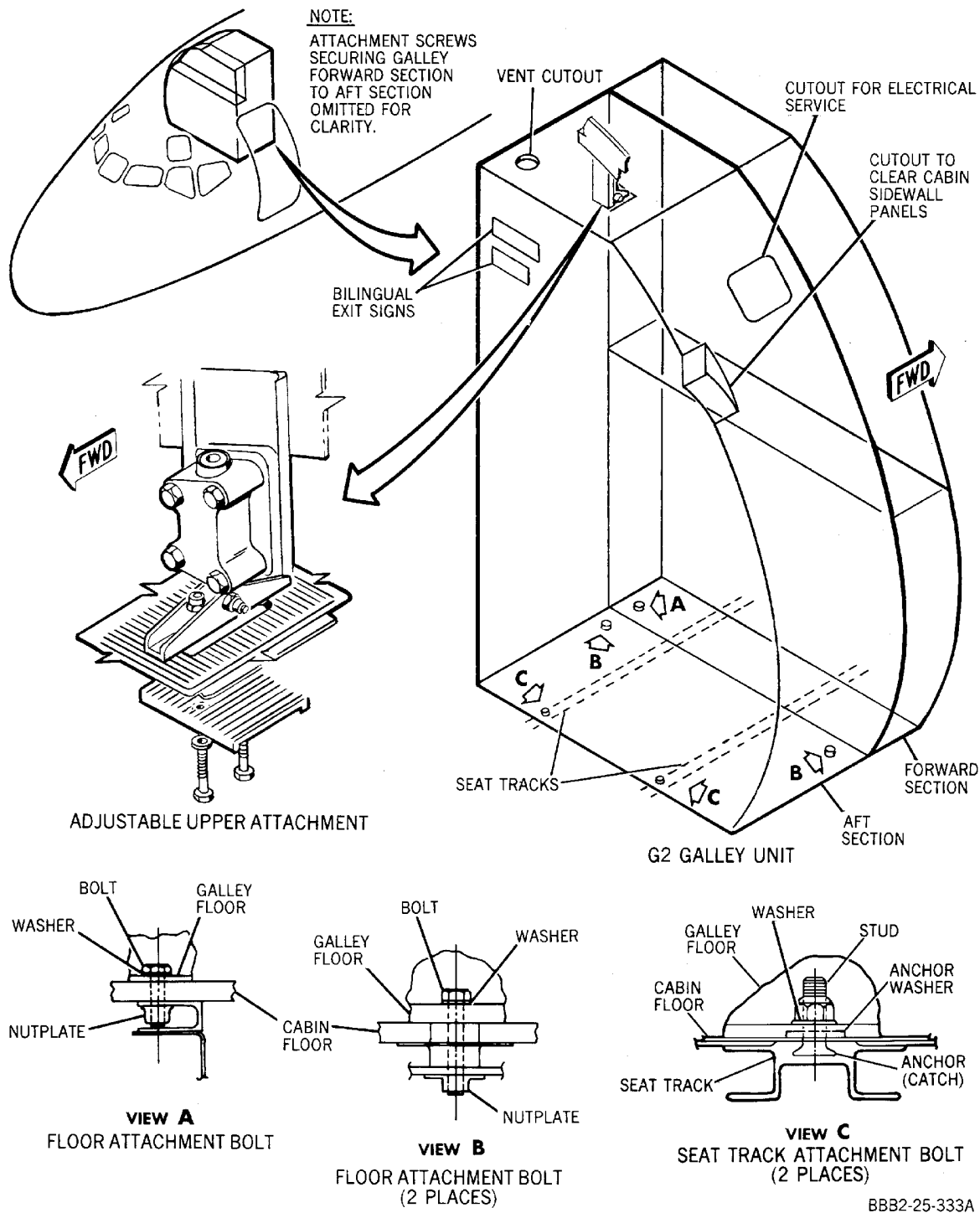
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G2 Galley Installation
Figure 201/25-32-00-990-802 (Sheet 8 of 8)

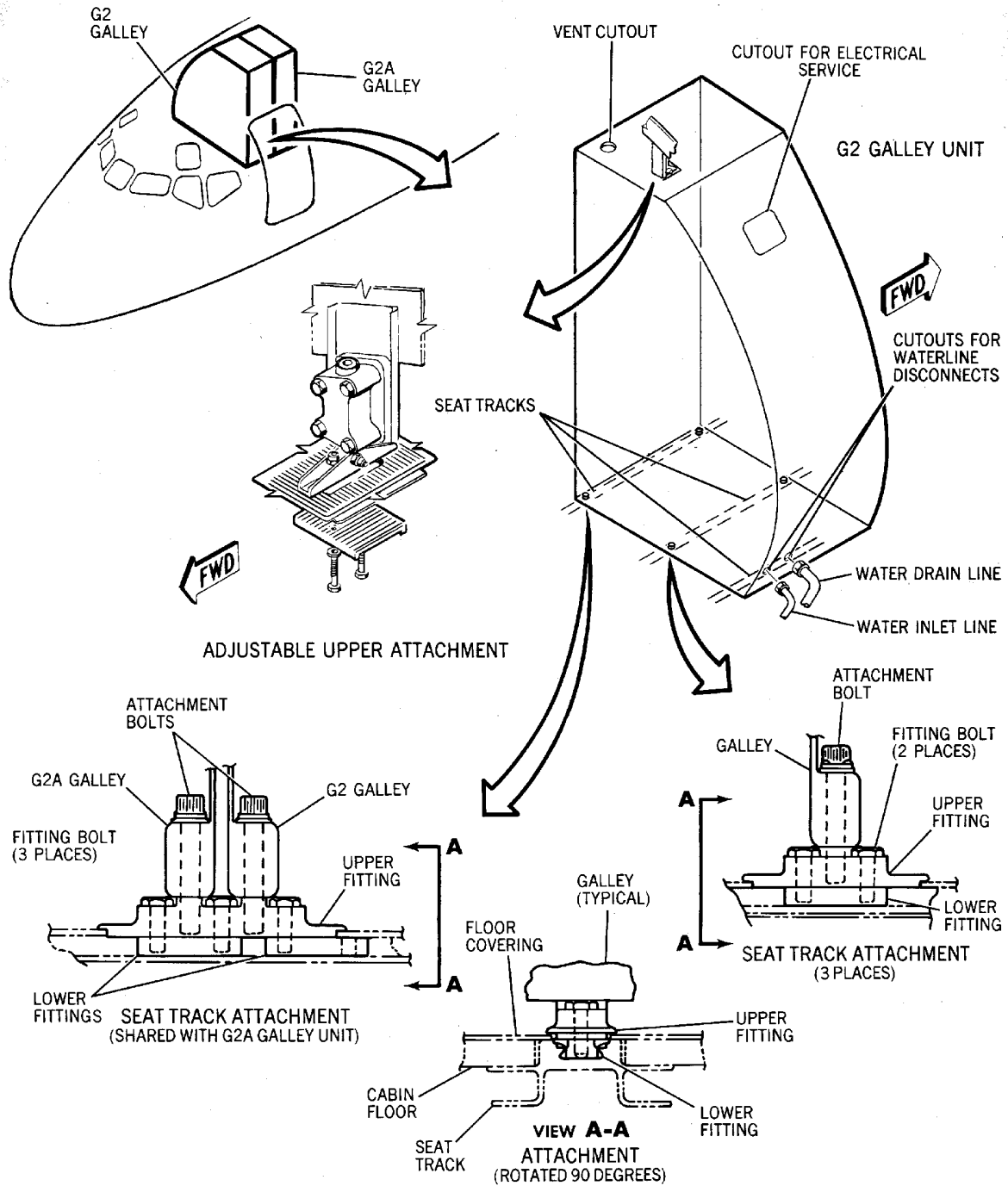
EFFECTIVITY
WJE 877

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BBB2-25-285A

**G2 Galley Installation
Figure 202/25-32-00-990-806**

EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

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WJE 886, 887 (Continued)

2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed items.

NOTE: It is possible that some materials in the Equipment and Materials List cannot be used for some or all of their necessary applications. Before you use the materials, make sure the types, quantities, and applications of the materials necessary are legally permitted in your location. All persons must obey all applicable federal, state, local, and provincial laws and regulations when it is necessary to work with these materials.

Table 201

Name and Number	Manufacturer
WJE 401-404, 407, 408, 411, 412, 414-427, 429, 861-866, 868, 869, 871-874, 877, 880, 886, 887, 891-893	
Sealant, Pro-Seal 735	Coast Pro-Seal & Mfg. Co. Los Angeles, CA
WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 886, 887, 891-893	
Shims, washer type AN970	
WJE 405, 406, 409, 410, 881, 883, 884	
Sealant, Polysulfide aluminized AC632 DMS QPL 1819	Morton Int. Garden Grove, CA
WJE 401-404, 412, 414, 873, 874	
Sealant, Loctite 74	Loctite Corp. Newington, Conn.

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 886, 887, 891-893

3. Removal/Installation G2 Galley

A. Remove Galley

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

(Figure 202)

WJE 401-412, 414, 873, 874, 877, 880, 881, 883, 884, 886, 887, 893

(Figure 201)

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 886, 887, 891-893

(1) Place galley switch on overhead switch panel in OFF position.

WJE 401-406, 409, 410, 415-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 886, 887, 891-893

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

(2) Open these circuit breakers and install safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-882	FWD GALLEY POWER PHASE A
		B1-881	FWD GALLEY POWER PHASE B
		B1-880	FWD GALLEY POWER PHASE C

EFFECTIVITY

**WJE 401-412, 414-427, 429, 861-866, 868, 869,
871-874, 877, 880, 881, 883, 884, 886, 887, 891-893**

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WJE 401-406, 409, 410, 415-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 886, 887, 891-893
(Continued)

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 401-404, 407, 408, 411, 412, 414

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (3) Open these circuit breakers and install safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-879	FWD GALLEY POWER PHASE A
		B1-878	FWD GALLEY POWER PHASE B
		B1-877	FWD GALLEY POWER PHASE C

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 405, 406, 409, 881, 883, 884

- (4) Remove galley trolleys, inserts, and other removable equipment to provide access to galley attachments.

WJE 415-427, 429, 861-866, 868, 869, 871-874, 886, 887, 891

- (5) Remove all galley inserts and other removable equipment to provide access to galley attachments.

WJE 401-404, 410, 412, 414

- (6) Remove all galley inserts and other removable equipment to lighten weight of unit and to provide access to galley attachments.

WJE 886, 887

- (7) Remove coatroom from aft side of galley. (PAGEBLOCK 25-24-00/201 Config 2)

WJE 401-404, 412, 414

- (8) Remove coatroom or stowage compartment from aft side of galley unit.
(PAGEBLOCK 25-24-00/201 Config 2)

WJE 886, 887

- (9) Remove coatroom from aft side of galley. (PAGEBLOCK 25-24-00/201 Config 2)

WJE 401-412, 414, 873, 874, 877, 880, 881, 883, 884, 886, 887, 892, 893

- (10) Remove trim from edges of galley unit.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (11) Remove trim from edges of galley unit, including trim between G2 and G2A galleys if G2 galley unit is installed.

EFFECTIVITY

WJE 401-412, 414-427, 429, 861-866, 868, 869,
871-874, 877, 880, 881, 883, 884, 886, 887, 891-893

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WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871-874, 891

(12) Depressurize water system. (WATER SUPPLY SYSTEM, SUBJECT 38-11-00, Page 301)

WJE 415-427, 429, 861-866, 868, 869, 871-874, 891

(13) Disconnect and cap floor level water lines at outboard side of galley unit.

WJE 401-404, 412, 414

(14) Disconnect and cap galley water lines.

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 886, 887, 891-893

(15) Remove ceiling attachment(s) from top of galley.

WJE 405, 406, 408-411, 880, 881, 883, 884

NOTE: 281946

Extended galley units have two ceiling attachments.

WJE 405-411, 877, 880, 881, 883, 884, 886, 887, 892, 893

(16) Remove attachments securing galley to cabin floor seat tracks.

WJE 401-404, 412, 414

(17) Remove galley floor and seat track attachments.

WJE 401-404, 410, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 886, 887, 891

(18) Break seal at floor line, move galley unit out from fuselage sidewall, and disconnect electrical power receptacle.

WJE 405-409, 411, 873, 874, 877, 880, 881, 883, 884, 892, 893

(19) Break seal at floor line, move galley about eight inches (203.2 mm) from fuselage sidewall, and disconnect electrical power receptacle.

WJE 401-404, 412, 414, 886, 887

(20) Remove attachment screws and separate galley forward section from aft section.

WJE 405-411, 877, 880, 881, 883, 884, 892, 893

(21) Separate galley unit into forward and aft sections by removing section attachment screws.

WJE 401-412, 414, 877, 880, 881, 883, 884, 886, 887, 892, 893

(22) Remove galley sections from aircraft.

WJE 415-427, 429, 861-866, 868, 869, 871-874, 891

(23) Remove galley unit from aircraft.

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 886, 887, 891-893

B. Install Galley

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

(G2) (Figure 202)

WJE 401-412, 414, 873, 874, 877, 880, 881, 883, 884, 886, 887, 893

(Figure 201)

EFFECTIVITY

**WJE 401-412, 414-427, 429, 861-866, 868, 869,
871-874, 877, 880, 881, 883, 884, 886, 887, 891-893**

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WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 886, 887, 891-893

- (1) Make sure that the galley switch on overhead switch panel is in the OFF position.

WJE 401-406, 409, 410, 415-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 886, 887, 891-893

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (2) Make sure that these circuit breakers are open and have safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-882	FWD GALLEY POWER PHASE A
		B1-881	FWD GALLEY POWER PHASE B
		B1-880	FWD GALLEY POWER PHASE C

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 401-404, 407, 408, 411, 412, 414

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (3) Make sure that these circuit breakers are open and have safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-879	FWD GALLEY POWER PHASE A
		B1-878	FWD GALLEY POWER PHASE B
		B1-877	FWD GALLEY POWER PHASE C

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871-874, 891

- (4) Check floor covering in galley installation area. Make certain moisture barrier complies with requirements specified in FLIGHT AND PASSENGER COMPARTMENT FLOOR PANELS, SUBJECT 53-20-01, Page 201.

WJE 401-412, 414, 877, 880, 881, 883, 884, 886, 887, 892, 893

- (5) Move galley sections into aircraft and connect forward and aft sections of galley unit with section attachment screws.

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 891-893

CAUTION: WHEN MOVING GALLEY INTO POSITION ENSURE THAT WIRING, HOSES, ETC., ADJACENT TO AND BEHIND THE GALLEY ARE NOT PINCHED OR DAMAGED.

- (6) Position galley about eight inches (203.2 mm) from fuselage sidewall and connect electrical power receptacle.

EFFECTIVITY

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 886, 887, 891-893

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WJE 405-411, 415-427, 429, 861-866, 868, 869, 871, 872, 877, 880, 881, 883, 884, 891

- (7) Move galley unit into position and install attachments to seat tracks and cabin floor.

WJE 873, 874

- (8) Move galley unit into position and install seat track attachment fittings.

WJE 401-404, 412, 414, 886, 887

- (9) Move galley unit into position and install seat track and cabin floor attachments.

WJE 892, 893

- (10) Connect jumper wire to ground stud at galley electrical cutout.

WJE 873, 874, 892, 893

- (11) Move galley unit into position and install attachments to seat tracks and cabin floor.

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 886, 887, 891-893

- (12) If required, use AN970 washer-type shims to adjust or level galley unit. Maximum height of shims at any one attachment should not exceed 3/16-inch.
- (13) Secure ceiling attachment at top of galley unit.

WJE 407, 408, 411, 880

NOTE: Extended galley units have two ceiling attachments.

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 891

- (14) Remove caps and connect floor level water lines at outboard side of galley unit.

WJE 873, 874

- (15) Remove cap and connect water lines outboard of galley unit at sidewall.

WJE 405, 406, 409, 410, 881, 883, 884

WARNING: POLYSULFIDE ALUMINIZED SEALANT IS AN AGENT THAT IS FLAMMABLE, EXPLOSIVE, POISONOUS, AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN POLYSULFIDE ALUMINIZED SEALANT IS USED.

- GAS/AIR MIXTURES MORE THAN THE LOWER EXPLOSIVE LIMIT (LEL) CAN CAUSE AN EXPLOSION IF HIGH HEAT, SPARKS, OR FLAMES SUPPLY IGNITION.
- USE IN AN AREA OPEN TO THE AIR.
- CLOSE THE CONTAINER WHEN NOT USED.
- DO NOT GET POLYSULFIDE ALUMINIZED SEALANT IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
- DO NOT BREATHE THE GAS.

WARNING: REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIER'S MSDS FOR:

- MORE PRECAUTIONARY DATA.
- APPROVED SAFETY EQUIPMENT.
- EMERGENCY MEDICAL AID.
- TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE PROCEDURES TO DISCARD THIS HAZARDOUS AGENT.

EFFECTIVITY

**WJE 401-412, 414-427, 429, 861-866, 868, 869,
871-874, 877, 880, 881, 883, 884, 886, 887, 891-893**

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MD-80 AIRCRAFT MAINTENANCE MANUAL

WJE 405, 406, 409, 410, 881, 883, 884 (Continued)

(WARNING PRECEDES)

- (16) Apply 1/8-inch (3.175 mm) of (Polysulfide aluminized) sealant around bottom edge of galley unit at floor line.

WJE 401-404, 407, 408, 411, 412, 414-427, 429, 861-866, 868, 869, 871-874, 877, 880, 886, 887, 891, 893

- (17) Apply 1/8-inch (3.175 mm) of Pro-Seal sealant around bottom edge of galley unit at floor line.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (18) Install trim to edges of galley unit, including overlapping trim between G2 and G2A galleys if G2A galley unit is installed.

WJE 401-412, 414, 873, 874, 877, 880, 881, 883, 884, 886, 887, 892, 893

- (19) Install trim to edges of galley unit.

WJE 401-404, 412, 414

- (20) Install coatroom on aft side of galley unit. (PAGEBLOCK 25-24-00/201 Config 2)

WJE 401-406, 409, 410, 415-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 886, 887, 891-893

- (21) Remove the safety tags and close these circuit breakers:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-882	FWD GALLEY POWER PHASE A
		B1-881	FWD GALLEY POWER PHASE B
		B1-880	FWD GALLEY POWER PHASE C

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 401-404, 407, 408, 411, 412, 414

- (22) Remove the safety tags and close these circuit breakers:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-879	FWD GALLEY POWER PHASE A
		B1-878	FWD GALLEY POWER PHASE B
		B1-877	FWD GALLEY POWER PHASE C

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 886, 887, 891-893

- (23) Check galley electrical equipment for proper operation.

NOTE: Ground power must be supplied to aircraft for performance of test. Ground control relay must be in GROUND position and galley switch on overhead switch panel must be in ON position.

EFFECTIVITY

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 886, 887, 891-893

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WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871-874, 891

(24) Pressurize water system. (WATER SUPPLY SYSTEM, SUBJECT 38-11-00, Page 301)

WJE 405, 407-409, 411, 877, 880, 881, 883, 884, 892, 893

(25) Install trolleys, inserts, and other equipment previously removed from galley.

WJE 401-404, 410, 412, 414-427, 429, 861-866, 868, 869, 871-874, 883, 886, 887, 891

(26) Install all inserts and other equipment previously removed from galley.

WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868

4. Removal/Installation G2A Galley

A. Remove G2A Galley

(Figure 203)

- (1) Remove all inserts and other removable galley equipment to provide access to galley seat track attachments.
- (2) Remove coatroom/stowage compartment from aft side of galley unit as required.
(PAGEBLOCK 25-24-00/201 Config 2)
- (3) Remove trim from edges of galley unit, including trim between G2 and G2A galleys if G2A galley unit is installed.
- (4) Remove seat track attachments securing galley to floor.
- (5) Break seal at floor, and move galley out from fuselage sidewall, and remove galley unit from aircraft.

B. (Figure 203)

- (1) Move galley unit into position and install seat track attachments securing unit to cabin floor.
- (2) If required, use AN970 washer-type shims to adjust or level galley unit. Maximum height of shims at any one attachment should not exceed 3/16 inch.
- (3) Apply 1/8-inch (3.175 mm) of Pro-Seal sealant around bottom edge of galley unit at floor line.
- (4) Install trim to edges of galley unit, including overlapping trim between G2 and G2A galleys if G2 galley unit is installed.
- (5) If removed, install coatroom/stowage compartment on aft side of galley unit.
(PAGEBLOCK 25-24-00/201 Config 2)

EFFECTIVITY

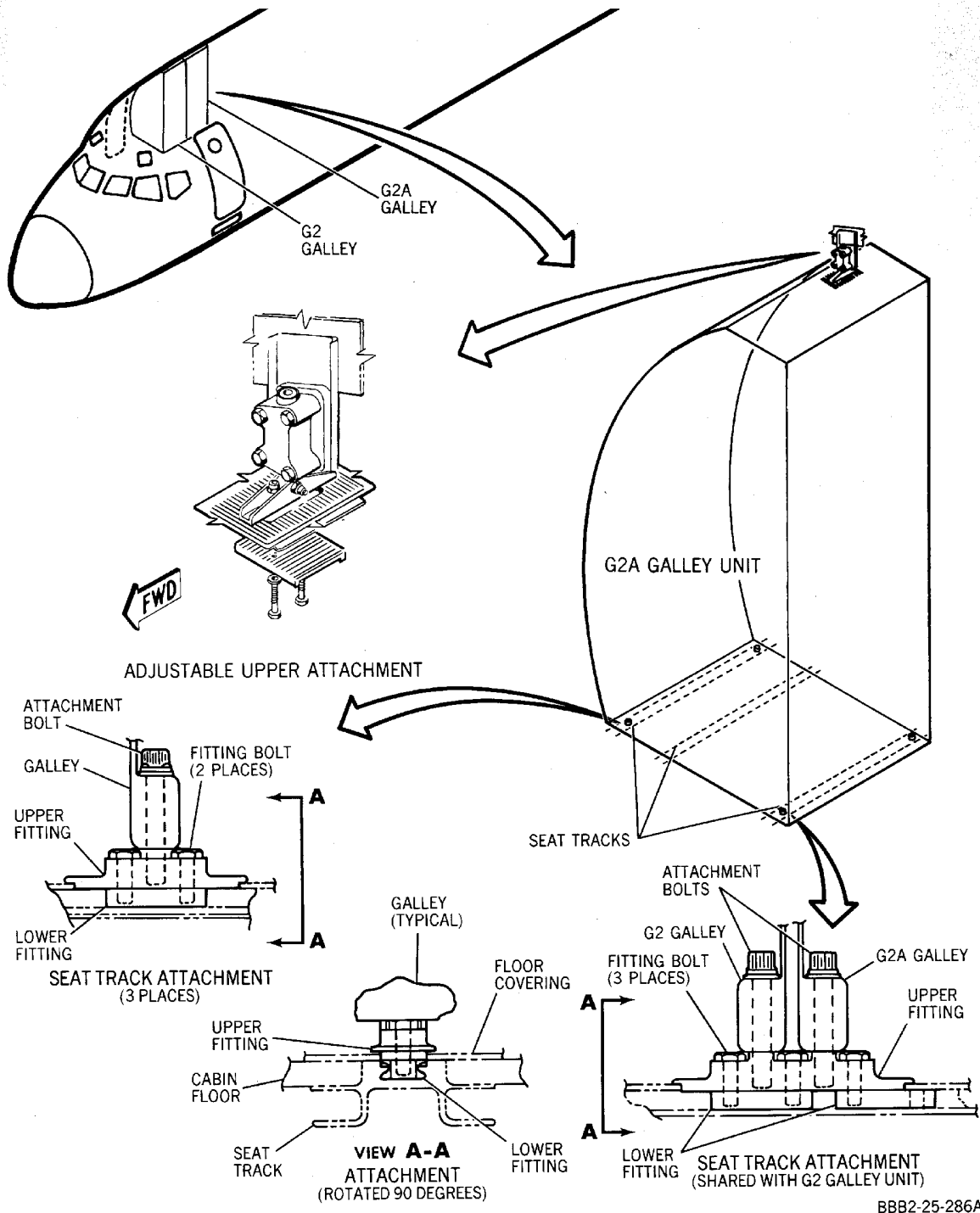
**WJE 401-412, 414-427, 429, 861-866, 868, 869,
871-874, 877, 880, 881, 883, 884, 886, 887, 891-893**

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G2A Galley Installation
Figure 203/25-32-00-990-825

EFFECTIVITY
WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868

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**MD-80
AIRCRAFT MAINTENANCE MANUAL
G3 GALLEY - MAINTENANCE PRACTICES**

1. General

WJE 405-411, 877, 880, 881, 883, 884, 892, 893

- A. The G3 galley unit is located forward of the aft service door on the left side of the passenger compartment. The galley unit is not normally removed except to facilitate structural checks, change in aircraft configuration, or repair. (Figure 201)

WJE 873, 874

- B. The G3 and G3A galley units are located forward of the aft service door on the left side of the passenger compartment. The galley units are not normally removed except to facilitate structural checks, change in aircraft configuration, or repair.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- C. The G3 galley unit (and the G3A or compartment unit) are located aft of the forward passenger door on the left side of the passenger compartment. The galley units are not normally removed except to facilitate structural inspection, change in aircraft configuration, or repair.

WJE 401-404

- D. The G3 galley unit is located aft of the aft service door just left of the aircraft centerline in the passenger compartment. The galley unit is not normally removed except to facilitate structural inspection, change in aircraft configuration, or repair. For convenience in handling during removal/installation, section attachment screws can be removed to separate the unit into lower and upper sections.(Figure 201)

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 891-893

2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed items:

NOTE: It is possible that some materials in the Equipment and Materials List cannot be used for some or all of their necessary applications. Before you use the materials, make sure the types, quantities, and applications of the materials necessary are legally permitted in your location. All persons must obey all applicable federal, state, local, and provincial laws and regulations when it is necessary to work with these materials.

Table 201

Name and Number	Manufacturer
Sealant, Pro-Seal 735	Coast Pro-Seal & Mfg. Co. Los Angeles, CA
Shims, washer type AN970	
WJE 405, 406, 409, 410, 881, 883, 884	
Sealant, Polysulfide aluminized AC632 DMS QPL 1819	Morton Int. Garden Grove, CA

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 891-893

3. Removal/Installation G3 Galley

- A. Remove G3 Galley (Figure 201)

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871, 872, 877, 880, 881, 883, 884, 891-893

- (1) Place galley switch on overhead switch panel in OFF position.

<p align="center">EFFECTIVITY</p> <p>WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 891-893</p>
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WJE 401-404, 407, 408, 411, 415-427, 429, 861-866, 868, 869, 871, 872, 891

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (2) Open these circuit breakers and install safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-882	FWD GALLEY POWER PHASE A
		B1-881	FWD GALLEY POWER PHASE B
		B1-880	FWD GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 401-406, 409, 410, 873, 874, 880, 881, 883, 884, 892, 893

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (3) Open these circuit breakers and install safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-885	AFT GALLEY POWER PHASE A
		B1-884	AFT GALLEY POWER PHASE B
		B1-883	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

EFFECTIVITY

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 891-893

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WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (4) Open these circuit breakers and install safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-879	FWD GALLEY POWER PHASE A
		B1-878	FWD GALLEY POWER PHASE B
		B1-877	FWD GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 401-404

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (5) Open these circuit breakers and install safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-888	AFT GALLEY POWER PHASE A
		B1-887	AFT GALLEY POWER PHASE B
		B1-886	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

- (6) Remove all inserts, service trolleys, pull-out tables, and other removable equipment to provide access to galley attachments.

WJE 407, 408, 411, 880

- (7) Remove all inserts, trolleys, and other equipment to provide access to galley attachments.

EFFECTIVITY

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 891-893

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WJE 415-427, 429, 861-866, 868, 869, 871-874, 891

- (8) Remove all inserts and other removable equipment to lighten weight of galley unit and to provide access to galley attachments.

WJE 405, 406, 409, 410, 877, 881, 883, 884, 892, 893

- (9) Remove galley trolleys, inserts and other removable equipment to lighten weight of galley unit and to provide access to galley attachments.

WJE 406-408, 411, 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (10) Remove all inserts and other removable equipment to provide access to galley attachments.

WJE 405, 406, 409, 410, 881, 883, 884

- (11) Remove passenger seats as required from forward side of galley unit.
(PAGEBLOCK 25-23-00/201)

WJE 401-404

- (12) Remove cabin attendant seat and control panel, as required, from inboard side of galley unit.
(PAGEBLOCK 25-23-03/201)
- (13) Remove cabin attendant seat from aft side of galley unit. (PAGEBLOCK 25-23-03/201)

WJE 877, 892, 893

- (14) Remove seats from forward side of galley unit as required. (PAGEBLOCK 25-23-00/201)

WJE 405, 406, 409, 410, 877, 881, 883, 884, 892, 893

- (15) On aircraft with doghouse-type compartments, remove attachment bolts (6 places) securing doghouse-type compartment to forward side of galley and remove doghouse. Attachment bolt are accessible when sliding drawer is removed from doghouse.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 891-893

- (16) Remove trim from edges of galley unit.

WJE 401-404, 873, 874

- (17) Depressurize water system. (WATER SUPPLY SYSTEM, SUBJECT 38-11-00)

WJE 401-404

- (18) Disconnect and cap water lines on forward inboard side of galley unit.
- (19) Remove galley attachments to cabin floor and seat tracks.

WJE 873, 874

- (20) Disconnect electrical wiring from lavatory occupied sign at top of galley unit.

WJE 405, 406, 409, 410, 877, 881, 883, 884, 892, 893

- (21) Disconnect electrical connector from lavatory occupied sign at top of galley unit.

WJE 401-404

- (22) Disconnect electrical connector at top of galley unit.
- (23) Disconnect support rods from top of galley unit.
- (24) Remove section attachment screws and separate galley unit into upper and lower sections.
Remove upper section from aircraft.

EFFECTIVITY

WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 891-893

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WJE 405, 406, 409, 410, 873, 874, 877, 881, 883, 884, 892, 893

(25) Remove ceiling attachment from top of galley unit.

WJE 405, 406, 409, 410, 877, 881, 883, 884, 892, 893

(26) Remove attachments securing galley unit to cabin seat tracks and floor.

(27) Depressurize water system. (WATER SUPPLY SYSTEM, SUBJECT 38-11-00)

WJE 407, 408, 411, 415-427, 429, 861-866, 868, 869, 871, 872, 880, 891

(28) Remove ceiling attachments (2 places) from top of galley unit.

WJE 401-404

(29) Remove attachment bolts securing galley to cabin floor and seat tracks.

WJE 873, 874

(30) Remove attachments securing galley unit to cabin floor and seat tracks.

WJE 407, 408, 411, 415-427, 429, 861-866, 868, 869, 871, 872, 880, 891

(31) Remove seat track attachments securing galley unit to cabin floor.

WJE 401-404

(32) Disconnect and remove ceiling attachment from top of galley unit.

(33) Disconnect wiring from passenger warning sign at top of galley unit.

WJE 405, 406, 409, 410, 877, 881, 883, 884, 892, 893

(34) Break seal at floor line, carefully move galley unit approximately eight inches (203.2 mm) from fuselage sidewall, and disconnect electrical power receptacle.

WJE 401-404

(35) Break seal at floor line, and remove galley lower section from aircraft.

WJE 407, 408, 411, 415-427, 429, 861-866, 868, 869, 871, 872, 880, 891

(36) Break seal at floor line and carefully move galley unit out from fuselage sidewall.

WJE 873, 874

(37) Break seal at floor line, carefully move galley unit approximately eight inches from fuselage sidewall and disconnect electrical power receptacle.

WJE 405, 406, 409, 410, 877, 881, 883, 884, 892, 893

(38) Disconnect and cap flexible water drain line from connector on outboard side of galley unit.

WJE 407, 408, 411, 880

(39) Remove section attachment screws and separate galley unit into forward, center, and aft sections.

WJE 405, 406, 409, 410, 877, 881, 883, 884, 892, 893

(40) Separate galley unit into forward and aft sections by removing section attachment screws.

WJE 401-404

(41) Disconnect and cap water lines on outboard side of galley unit.

WJE 873, 874

(42) Disconnect and cap flexible water lines on aft outboard side of galley unit.

EFFECTIVITY

**WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 891-893**

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WJE 415-427, 429, 861-866, 868, 869, 871-874, 891

- (43) Remove attachment screws and separate galley forward section from aft section.

WJE 873, 874

- (44) Remove galley unit from aircraft.

WJE 405-411, 415-427, 429, 861-866, 868, 869, 871, 872, 877, 880, 881, 883, 884, 891-893

- (45) Remove galley sections from aircraft.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 891-893

- B. Install G3 Galley (Figure 201)

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871, 872, 877, 880, 881, 883, 884, 891-893

- (1) Check that galley switch on overhead switch panel in OFF position.

WJE 401-404, 407, 408, 411, 415-427, 429, 861-866, 868, 869, 871, 872, 891

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (2) Make sure that these circuit breakers are open and have safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-882	FWD GALLEY POWER PHASE A
		B1-881	FWD GALLEY POWER PHASE B
		B1-880	FWD GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 401-406, 409, 410, 873, 874, 880, 881, 883, 884, 892, 893

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (3) Make sure that these circuit breakers are open and have safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-885	AFT GALLEY POWER PHASE A
		B1-884	AFT GALLEY POWER PHASE B
		B1-883	AFT GALLEY POWER PHASE C

EFFECTIVITY

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 891-893

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WJE 401-406, 409, 410, 873, 874, 880, 881, 883, 884, 892, 893 (Continued)

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (4) Make sure that these circuit breakers are open and have safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-879	FWD GALLEY POWER PHASE A
		B1-878	FWD GALLEY POWER PHASE B
		B1-877	FWD GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 401-404

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (5) Make sure that these circuit breakers are open and have safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-888	AFT GALLEY POWER PHASE A
		B1-887	AFT GALLEY POWER PHASE B
		B1-886	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

EFFECTIVITY

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 891-893

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WJE 401-404 (Continued)

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 873, 874

- (6) Move galley sections into aircraft and secure galley forward section to aft section with attachment screws.

WJE 401-404

- (7) Move galley sections into aircraft; then, connect and secure upper section to lower section with attachment screws.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (8) Carefully move galley unit into desired position for installation.

WJE 405, 406, 409, 410, 877, 881, 883, 884, 892, 893

- (9) Move galley sections into aircraft and connect forward and aft section of galley unit with section attachment screws.

WJE 407, 408, 411, 880

- (10) Move galley sections into aircraft and attach galley forward and mid sections to aft section with attachment screws.

WJE 873, 874

CAUTION: WHEN MOVING GALLEY INTO POSITION ENSURE THAT WIRING, HOSES, ETC., ADJACENT TO AND BEHIND THE GALLEY ARE NOT PINCHED OR DAMAGED.

- (11) Position galley unit about eight inches from fuselage sidewall and connect electrical connector(s) at top of unit.

WJE 401-404

CAUTION: WHEN MOVING GALLEY INTO POSITION ENSURE THAT WIRING, HOSES, ETC., ADJACENT TO AND BEHIND THE GALLEY ARE NOT PINCHED OR DAMAGED.

- (12) Position galley unit approximately eight inches from fuselage sidewall; then, connect electrical power receptacle.

WJE 405, 406, 409, 410, 877, 881, 883, 884, 892, 893

CAUTION: WHEN MOVING GALLEY INTO POSITION ENSURE THAT WIRING, HOSES, ETC., ADJACENT TO AND BEHIND THE GALLEY ARE NOT PINCHED OR DAMAGED.

- (13) Position galley unit approximately eight inches (203.2 mm) from fuselage sidewall and connect electrical power connector at top of unit.

WJE 407, 408, 411, 880

- (14) Carefully move galley unit into position for installation.

WJE 405, 406, 409, 410, 877, 881, 883, 884, 892, 893

- (15) Connect flexible water drain line to connector on outboard side of galley unit.
 (16) Move galley unit into position and install seat track and floor attachments.

EFFECTIVITY

WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 891-893

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WJE 401-404

(17) Move galley unit into position and connect electrical connector at top of unit.

WJE 407, 408, 411, 415-427, 429, 861-866, 868, 869, 871, 872, 880, 891

(18) Install seat track attachments.

WJE 401-404

(19) Install galley attachments to seat tracks and floor.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 891-893

(20) If required, use AN970 washer-type shims to adjust or level galley unit. Maximum height of shims at any one attachment should not exceed 3/16 inch.

WJE 401-404

(21) Secure support rod(s) at top of galley unit.

WJE 405, 406, 409, 410, 877, 880, 881, 883, 884, 892, 893

(22) Connect electrical connector to lavatory occupied sign at top of galley unit.

WJE 401-404

(23) Remove caps and connect water lines on outboard side of unit.

WJE 873, 874

(24) Remove caps and connect flexible water lines on aft outboard side of galley unit.

WJE 401-404

(25) Remove caps and connect water lines on forward inboard side of galley unit.

(26) Connect wiring to passenger warning sign at top of galley unit.

WJE 873, 874

(27) Connect electrical wiring to lavatory occupied sign.

WJE 401-404

(28) Secure support rods at top of galley unit.

WJE 405, 406, 409, 410, 873, 874, 877, 881, 883, 884, 892, 893

(29) Secure ceiling attachment at top of galley unit.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

(30) Secure ceiling attachments (2 places) at top of galley unit.

WJE 401-404, 407, 408, 411, 415-427, 429, 861-866, 868, 869, 871-874, 877, 880, 891-893

(31) Apply 1/8 inch (3.175 mm) bead of Pro-Seal 735 sealant around bottom edge of galley unit, at floor line.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 891-893

(32) Install trim to edges of galley unit.

WJE 405, 406, 409, 410, 877, 881, 883, 884, 892, 893

(33) Position and secure doghouse-type stowage compartment to forward side of galley with attachment bolts (6 places). Install sliding drawer previously removed from doghouse.

(34) Install seats on forward side of galley unit. (PAGEBLOCK 25-23-00/201)

EFFECTIVITY

WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 891-893

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WJE 401-404

- (35) Install cabin attendant seat and control panel, as required, on inboard side of galley unit. (PAGEBLOCK 25-23-03/201)
- (36) Install cabin attendant seat on aft side of galley unit. (PAGEBLOCK 25-23-03/201)

WJE 401-404, 407, 408, 411, 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (37) Remove the safety tags and close these circuit breakers:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-882	FWD GALLEY POWER PHASE A
		B1-881	FWD GALLEY POWER PHASE B
		B1-880	FWD GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 401-406, 409, 410, 873, 874, 880, 881, 883, 884, 892, 893

- (38) Remove the safety tags and close these circuit breakers:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-885	AFT GALLEY POWER PHASE A
		B1-884	AFT GALLEY POWER PHASE B
		B1-883	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (39) Remove the safety tags and close these circuit breakers:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-879	FWD GALLEY POWER PHASE A
		B1-878	FWD GALLEY POWER PHASE B
		B1-877	FWD GALLEY POWER PHASE C

EFFECTIVITY

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 891-893

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WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891 (Continued)

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 401-404

- (40) Remove the safety tags and close these circuit breakers:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-888	AFT GALLEY POWER PHASE A
		B1-887	AFT GALLEY POWER PHASE B
		B1-886	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 401-404, 407, 408, 411, 415-427, 429, 861-866, 868, 869, 871-874, 877, 880, 891-893

- (41) Check galley electrical equipment for proper operation.

NOTE: Ground power must be supplied to aircraft for performance of test. Ground control relay must be in GROUND position and galley switch on overhead switch panel must be in ON position.

WJE 401-406, 409, 410, 873, 874, 877, 881, 883, 884, 892, 893

- (42) Pressurize water system. (WATER SUPPLY SYSTEM, SUBJECT 38-11-00)

WJE 415-427, 429, 861-866, 868, 869, 871-874, 891

- (43) Install all inserts and other equipment previously removed from galley.

WJE 401-404

- (44) Install all inserts, service trolleys, pull-out tables, and other equipment previously removed from galley.

WJE 407, 408, 411, 880

- (45) Install all inserts, trolleys, and other equipment previously removed from galley.

WJE 405, 406, 409, 410, 877, 881, 883, 884, 892, 893

- (46) Install galley trolleys, inserts, and other equipment previously removed from galley.

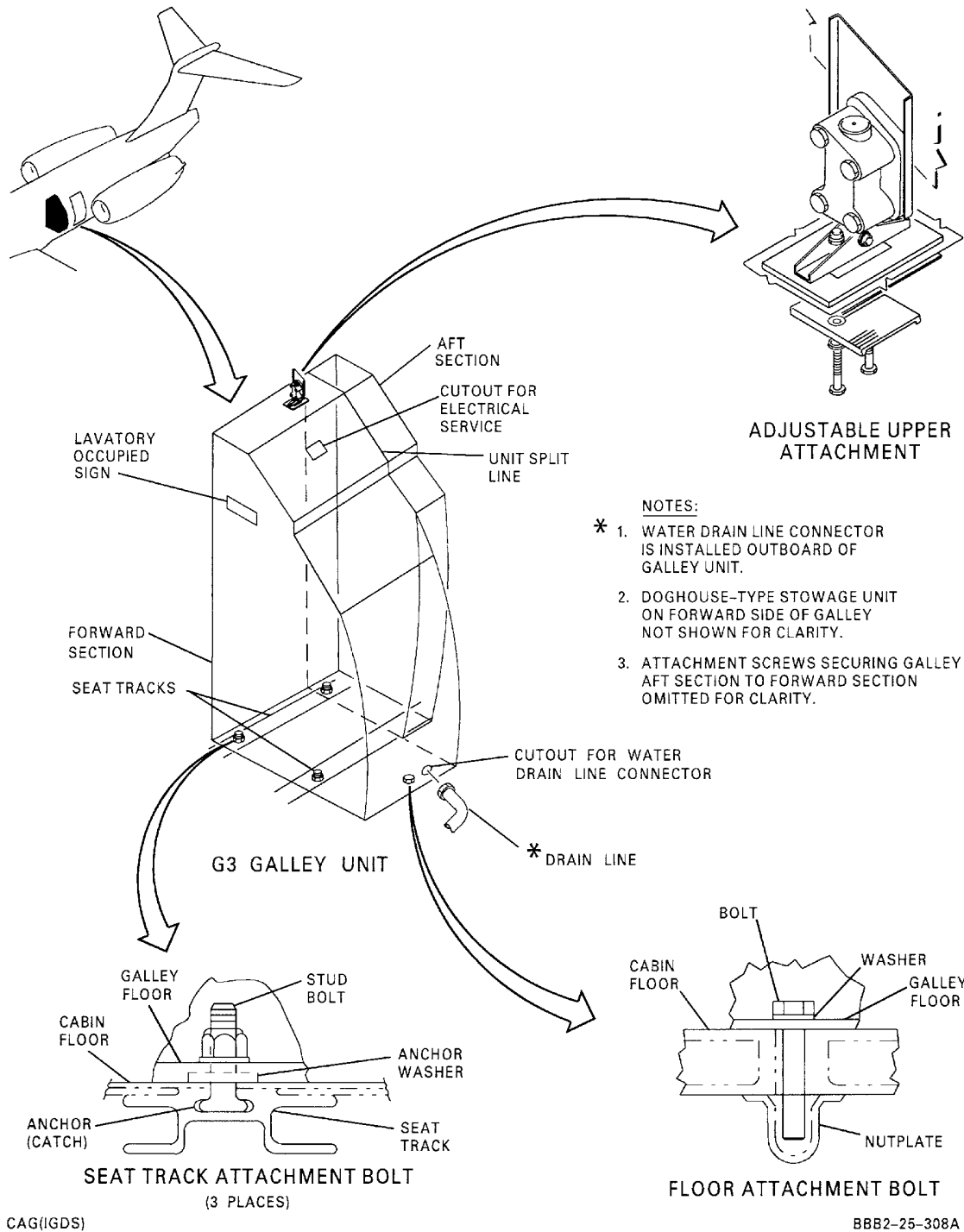
EFFECTIVITY

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 891-893

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WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-874, 877, 880, 881, 883, 884, 891-893



G3 Galley Installation
Figure 201/25-33-00-990-801 (Sheet 1 of 5)

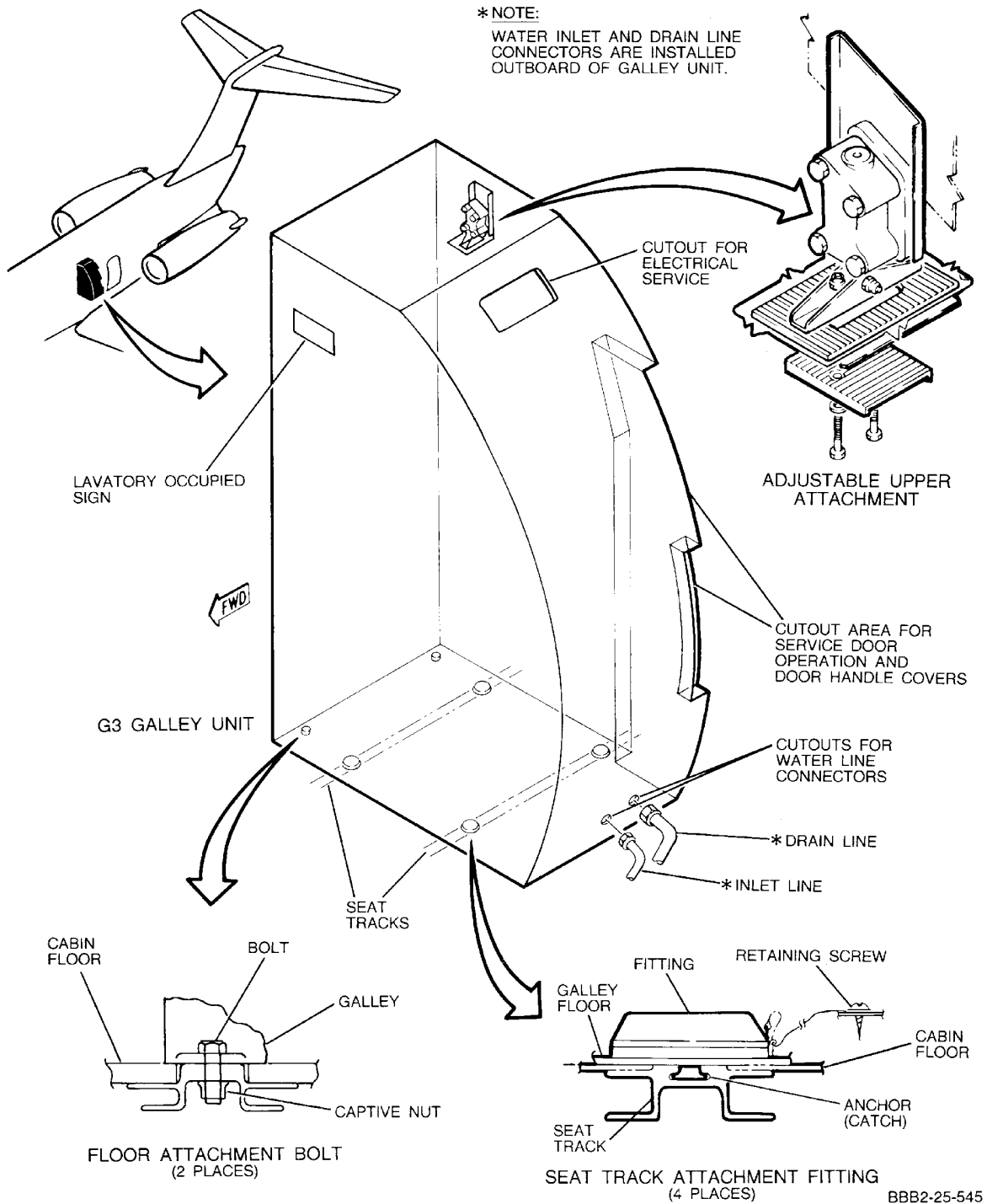
EFFECTIVITY
WJE 405, 406, 409, 410, 877, 881, 883, 884, 892, 893

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G3 Galley Installation
Figure 201/25-33-00-990-801 (Sheet 2 of 5)

EFFECTIVITY
WJE 873, 874

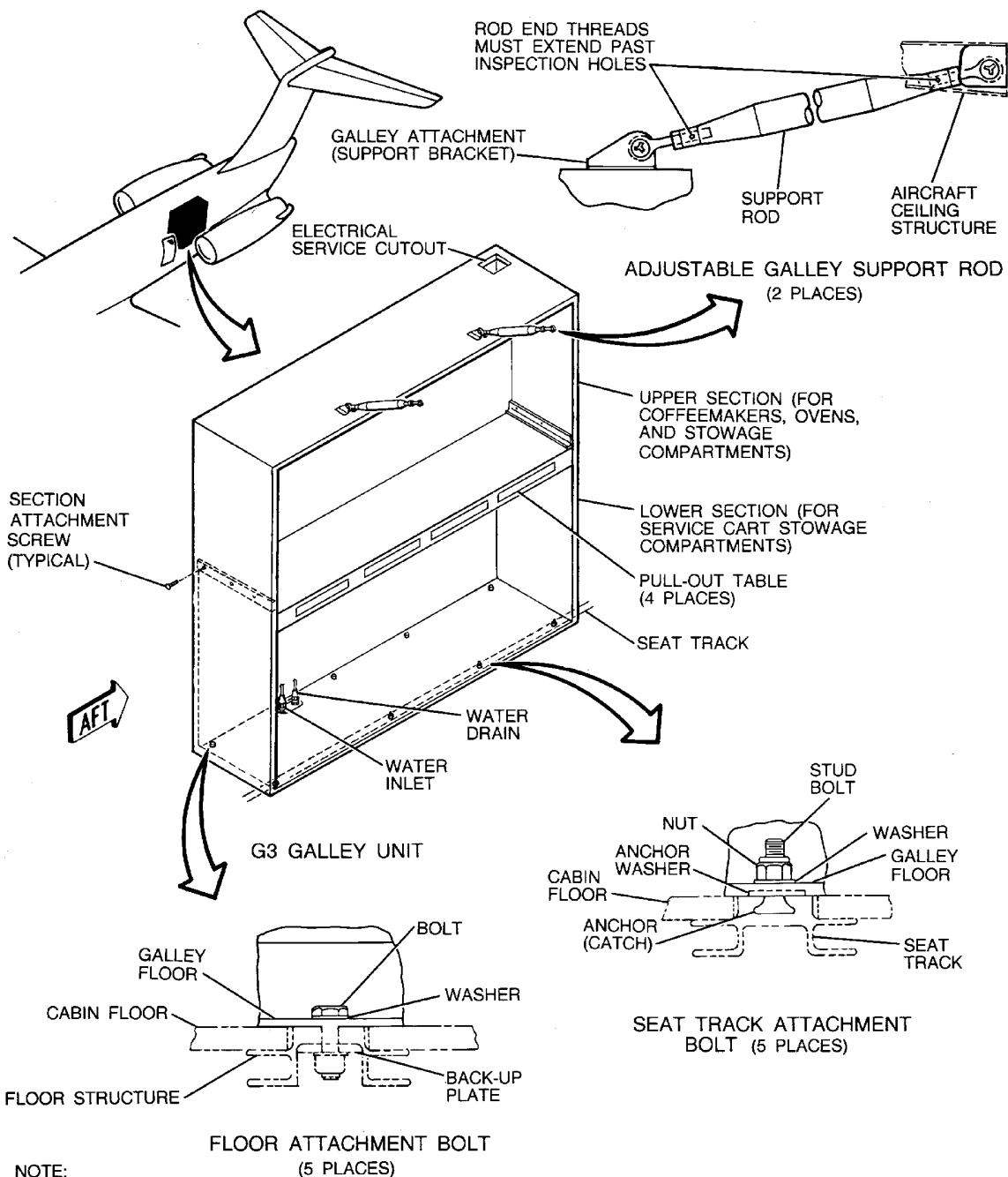
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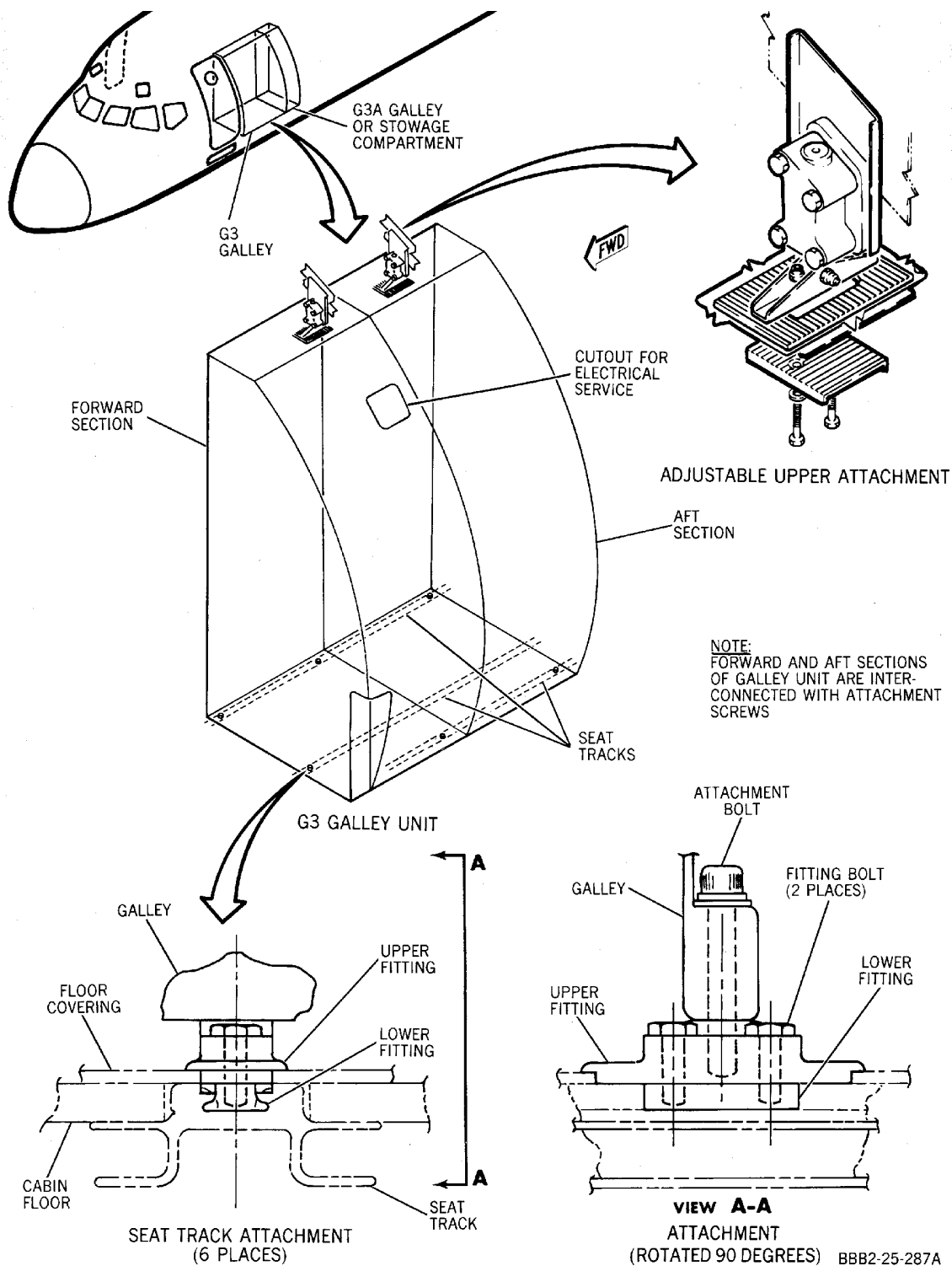
G3 Galley Installation
Figure 201/25-33-00-990-801 (Sheet 3 of 5)

EFFECTIVITY
WJE 401-404

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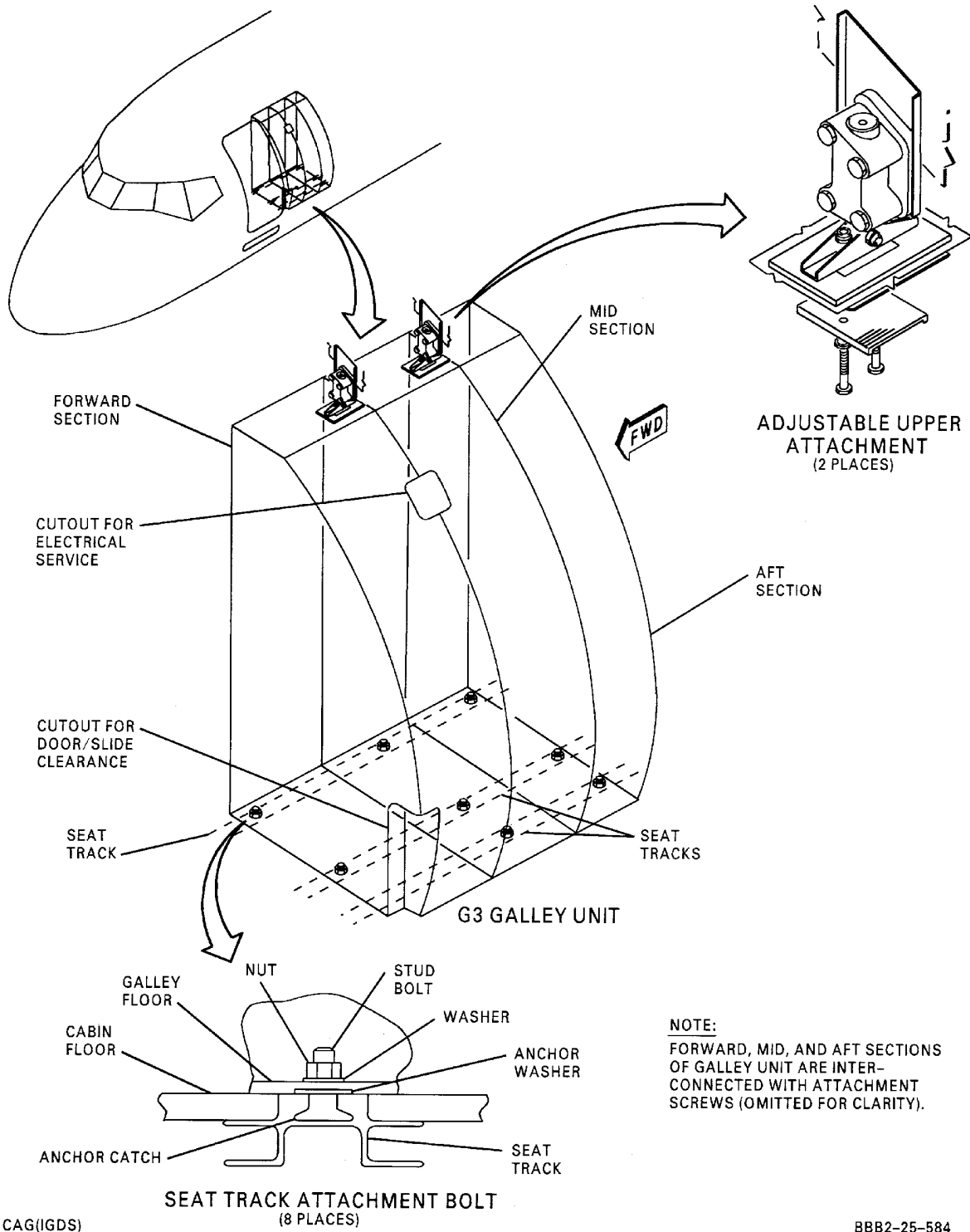


G3 Galley Installation
Figure 201/25-33-00-990-801 (Sheet 4 of 5)

EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

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G3 Galley Installation
Figure 201/25-33-00-990-801 (Sheet 5 of 5)

EFFECTIVITY
WJE 407, 408, 411, 880

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WJE 415-427, 429, 861-866, 868, 869, 871-874, 891

4. Removal/Installation G3A Galley

A. Remove Galley

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

NOTE: The removal/installation procedures for the G3A galley (on aircraft 101-150, 175-216) and the compartment (on aircraft 151-174) are identical.

WJE 873, 874

WARNING: TAG AND SAFETY ALL CIRCUIT BREAKERS OPENED.

(1) Open these circuit breakers and install safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-885	AFT GALLEY POWER PHASE A
		B1-884	AFT GALLEY POWER PHASE B
		B1-883	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 415-427, 429, 861-866, 868, 869, 871-874, 891

(2) Remove all inserts and other removable equipment to lighten weight of galley unit and to provide access to galley attachments.

WJE 873, 874

(3) Remove passenger seats as required from forward side of galley unit.
(PAGEBLOCK 25-23-00/201)

WJE 415-427, 429, 861-866, 868, 869, 871-874, 891

(4) Remove trim from edges of galley unit.

WJE 873, 874

(5) Remove attachment fittings securing galley unit to seat tracks.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

(6) Remove seat track attachments securing unit to cabin floor.

(7) Break seal at floor line and carefully move unit out from fuselage sidewall.

(8) Remove galley unit from aircraft.

WJE 873, 874

(9) Remove galley unit or galley sections from aircraft.

EFFECTIVITY

WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 891-893

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WJE 415-427, 429, 861-866, 868, 869, 871-874, 891

B. Install Galley

WJE 873, 874

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

(1) Make sure that these circuit breakers are open and have safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-885	AFT GALLEY POWER PHASE A
		B1-884	AFT GALLEY POWER PHASE B
		B1-883	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (2) Move galley/compartments unit into position and install seat track attachments.
- (3) Move galley / stowage compartment unit into position and install seat track attachments.

WJE 873, 874

- (4) Carefully move galley unit into desired position for installation.

WJE 415-427, 429, 861-866, 868, 869, 871-874, 891

- (5) If required, use AN970 washer-type shims to adjust or level galley unit. Maximum height of shims at any one attachment should not exceed 3/16 inch.

WJE 873, 874

- (6) Secure ceiling attachments at top of galley unit.

WJE 415-427, 429, 861-866, 868, 869, 871-874, 891

- (7) Apply 1/8 inch (3.175 mm) bead of Pro-Seal 735 sealant around bottom edge of galley unit, at floor line.
- (8) Install trim to edges of galley unit.

WJE 873, 874

- (9) Install seats on forward side of galley unit. (PAGEBLOCK 25-23-00/201)
- (10) Remove the safety tags and close these circuit breakers:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-885	AFT GALLEY POWER PHASE A

EFFECTIVITY

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 891-893

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WJE 873, 874 (Continued)

(Continued)

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-884	AFT GALLEY POWER PHASE B
		B1-883	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 415-427, 429, 861-866, 868, 869, 871-874, 891

- (11) Install all galley inserts and other equipment previously removed from galley.

EFFECTIVITY

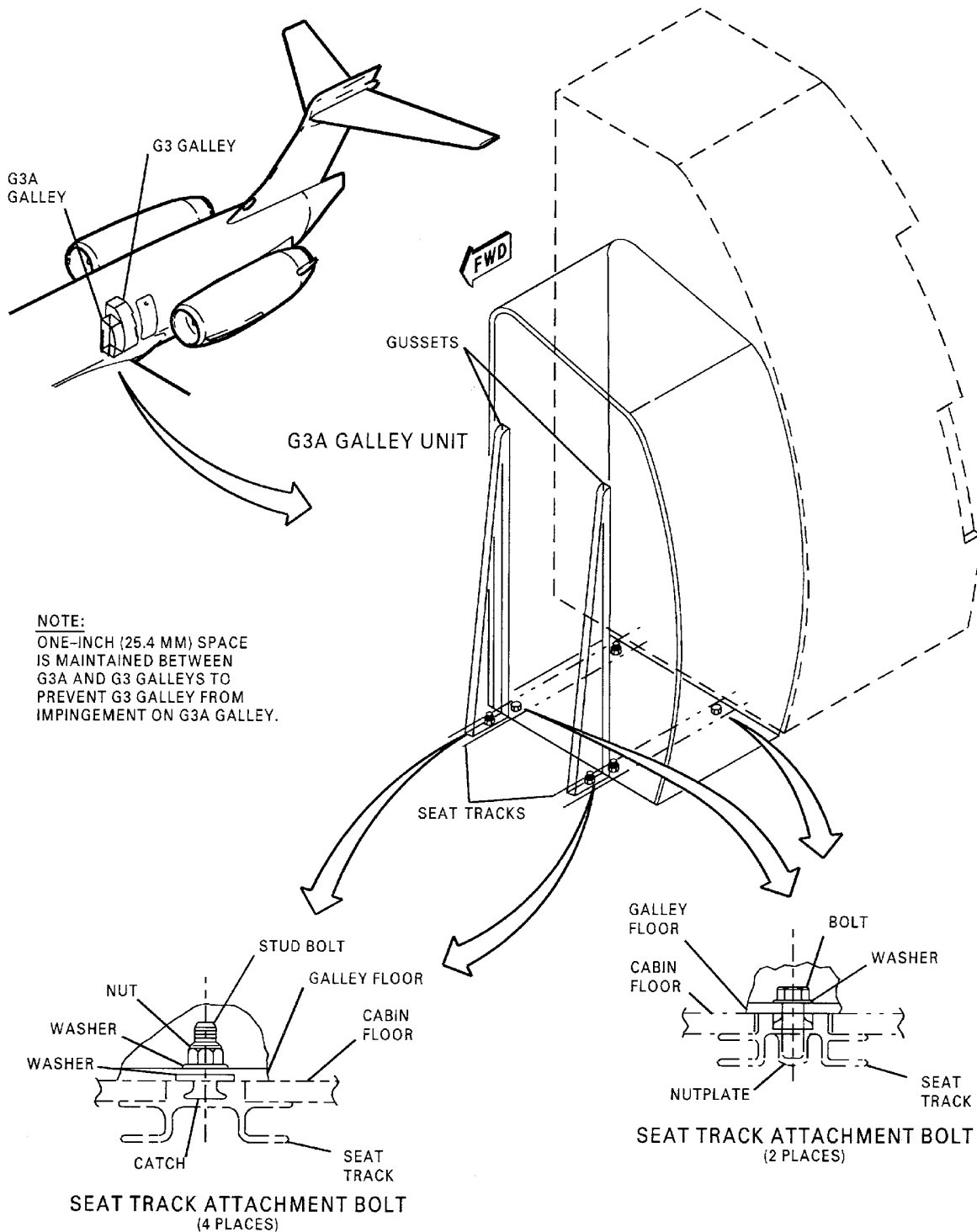
WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 891-893

TP-80MM-WJE

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CAG(IGDS)

BBB2-25-566A

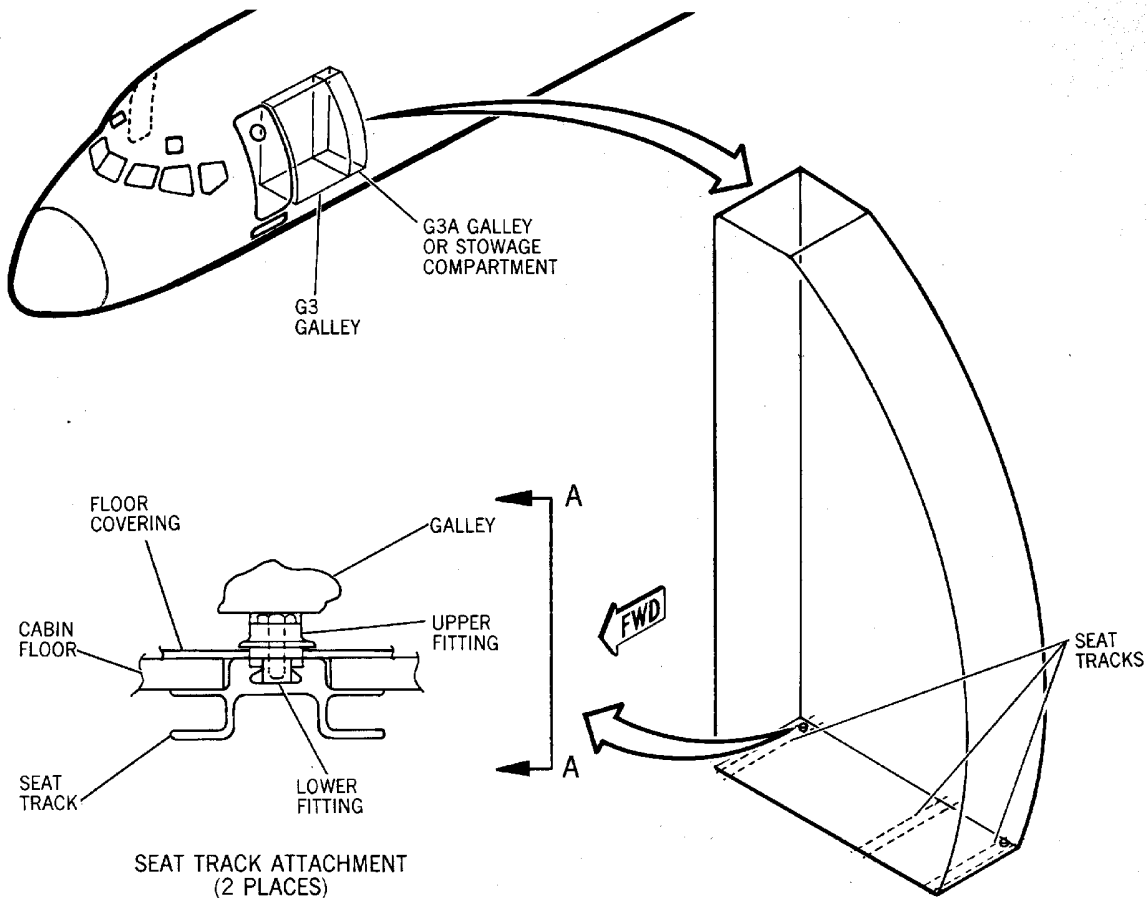
**G3A Galley Installation
Figure 202/25-33-00-990-806**

EFFECTIVITY
WJE 873, 874

25-33-00

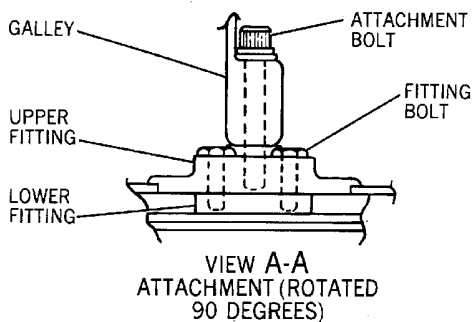
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SEAT TRACK ATTACHMENT
(2 PLACES)

G3A GALLEY/STOWAGE
COMPARTMENT UNIT



NOTE:
REMOVAL/INSTALLATION PROCEDURES
FOR G3A GALLEY AND STOWAGE
COMPARTMENT ARE IDENTICAL.

BBB2-25-288A

G3A Galley/Compartment Installation
Figure 203/25-33-00-990-823

EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

25-33-00

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G4, G4A, G4B GALLEY - MAINTENANCE PRACTICES

1. General

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- A. The G4 galley unit is located forward of the aft service door on the left side of the passenger compartment. The galley unit is not normally removed except to facilitate structural checks, change in aircraft configuration, or repair. (Figure 201)

WJE 886, 887

- B. The G4 and G4B galley units are located aft of the aft service door on the left side of the passenger compartment. The galleys are not normally removed except to facilitate structural inspection, change in aircraft configuration, or repair.

WJE 407, 408, 411

- C. On aircraft 104 -109, 126 -130, 151 and 152, the G4 galley unit is located aft of the aft service door (or service door area) on the left side of the passenger compartment. On aircraft 104 -107, a cabin attendant seat is installed on the inboard side of the G4 galley. Aircraft 152 and 153 do not have an aft galley service door or service door attendant seat. On aircraft 108,109 and 126 -130, the attendant seat is deleted from the G4 galley and installed on the windscreen just forward of the galley service door. The galley is not normally removed except for structural checks, change in aircraft configuration, or repair. (Figure 201)

WJE 880

- D. The G4 galley unit is located aft of the aft service door (or service door area) on the left side of the passenger compartment. The attendant seat is deleted from the G4 galley and installed on the windscreen just forward of the galley service door. The galley is not normally removed except for structural checks, change in aircraft configuration, or repair. (Figure 201)

WJE 405, 406, 409, 410, 873, 874, 881, 883, 884, 892, 893

- E. The G4 galley unit is located aft of the aft service door on the left side of the passenger compartment. The galley is not normally removed except to facilitate structural inspection, change in aircraft configuration, or repair. (Figure 201)

WJE 401-404, 412, 414

- F. The G4 galley unit is located on the aft left side of the passenger compartment just forward of the aft lavatory. The galley is not normally removed except for structural checks, change in aircraft configuration, or repair. (Figure 201)

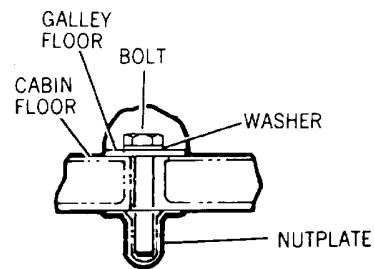
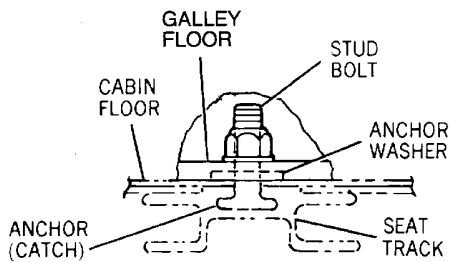
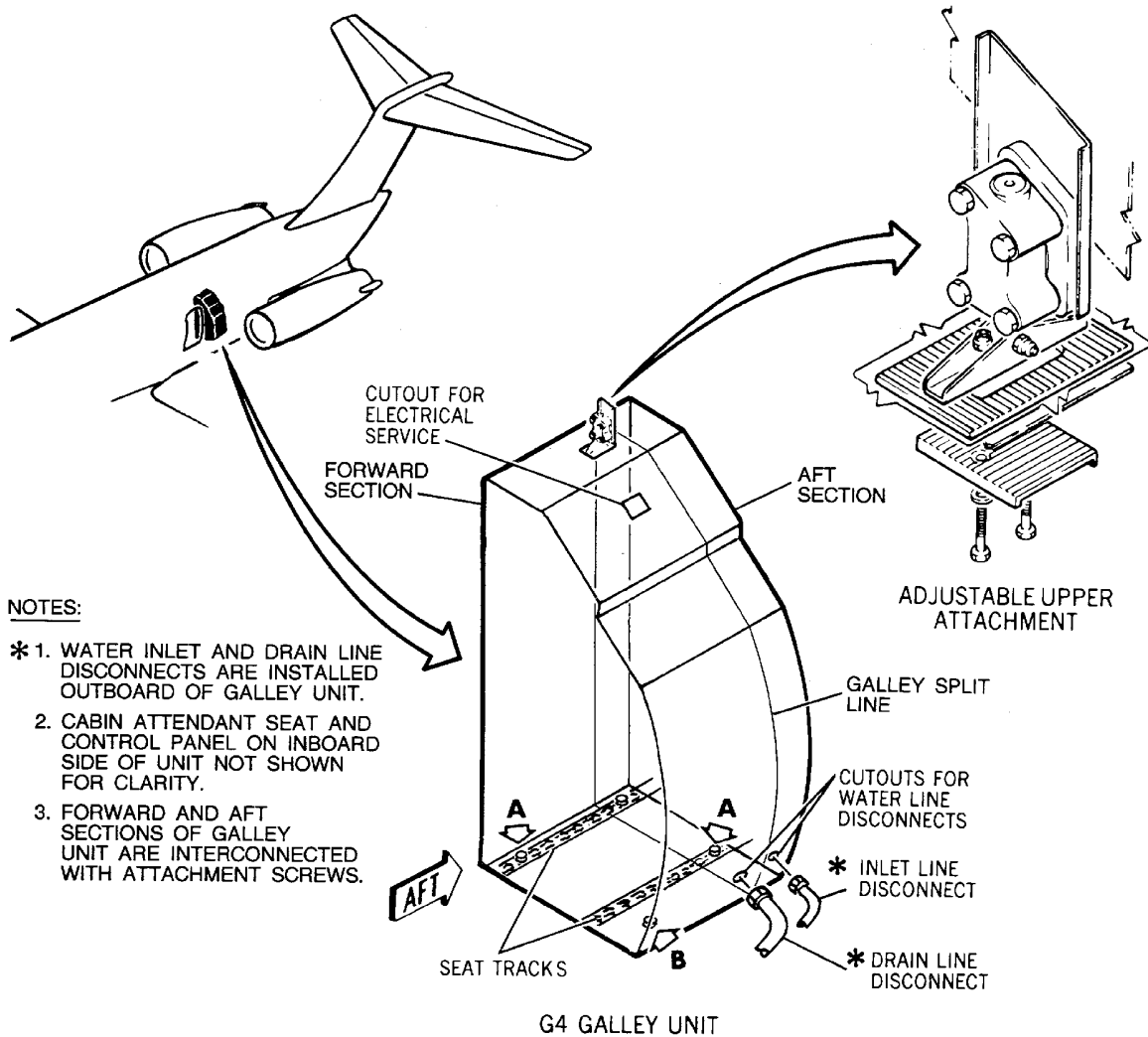
EFFECTIVITY
WJE ALL

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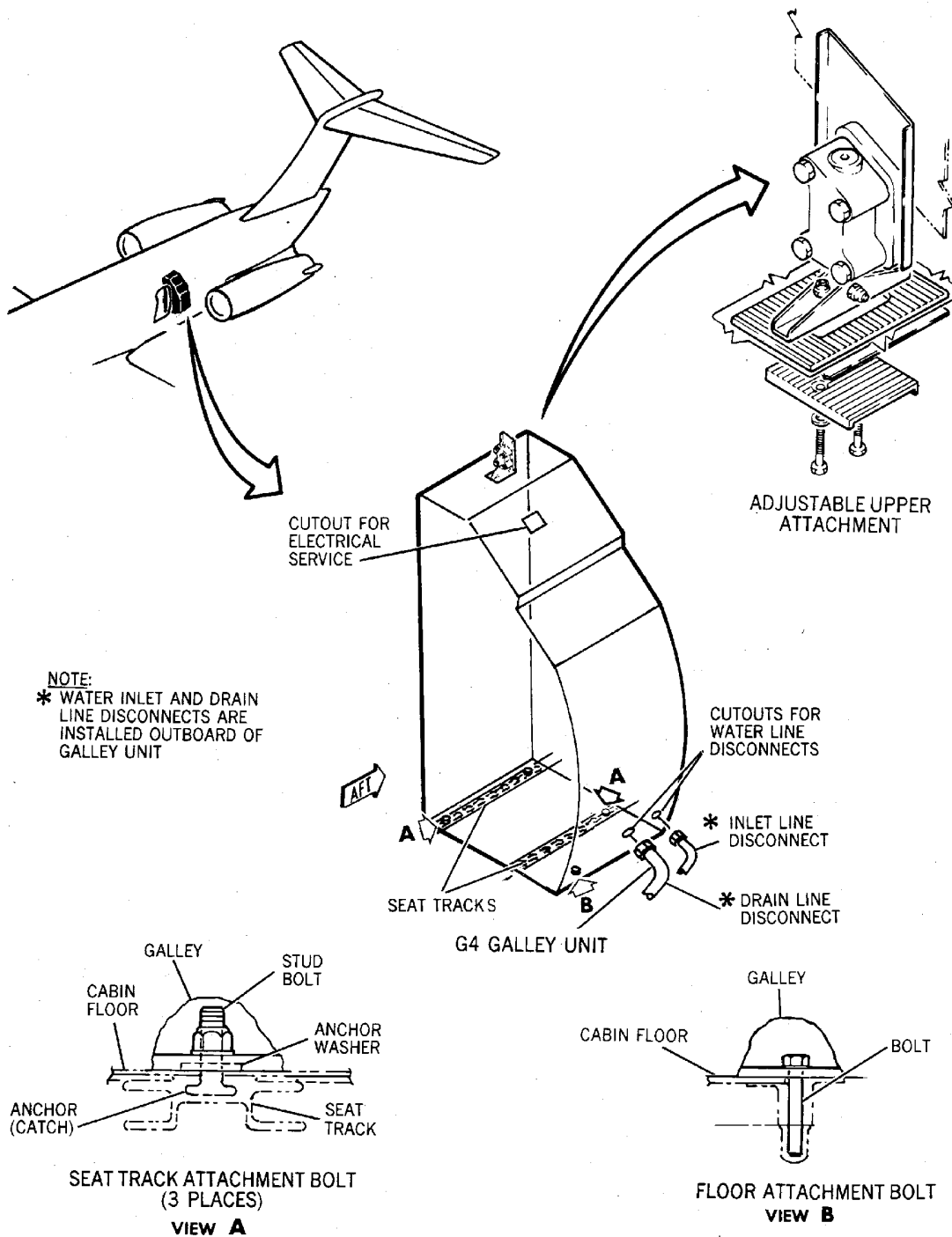
G4 Galley Installation
Figure 201/25-34-00-990-801 (Sheet 1 of 6)

EFFECTIVITY
WJE 405, 406, 409, 410, 874, 881, 883, 884, 892, 893

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BBB2-25-154

G4 Galley Installation
Figure 201/25-34-00-990-801 (Sheet 2 of 6)

EFFECTIVITY
WJE 875-879, 886, 887

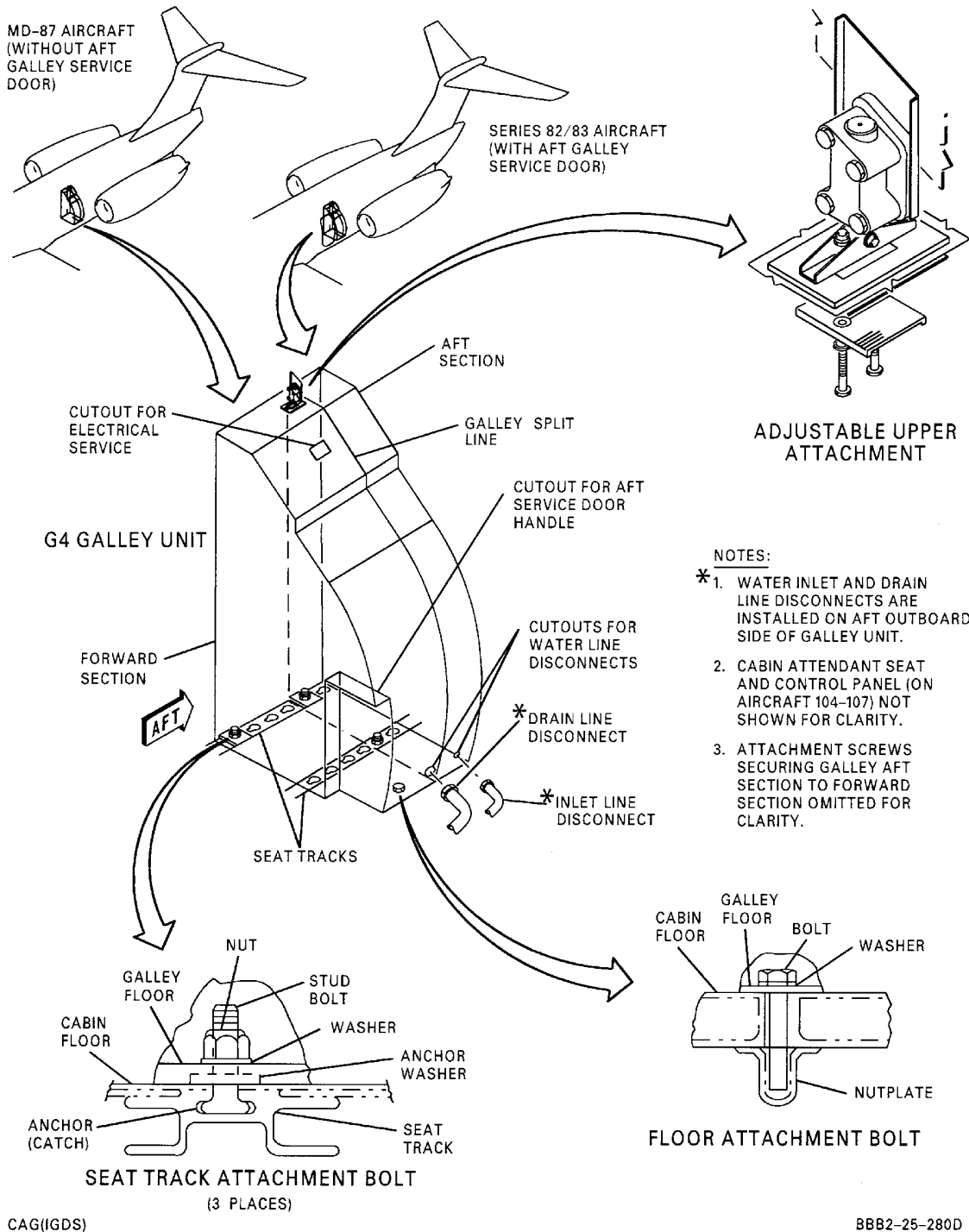
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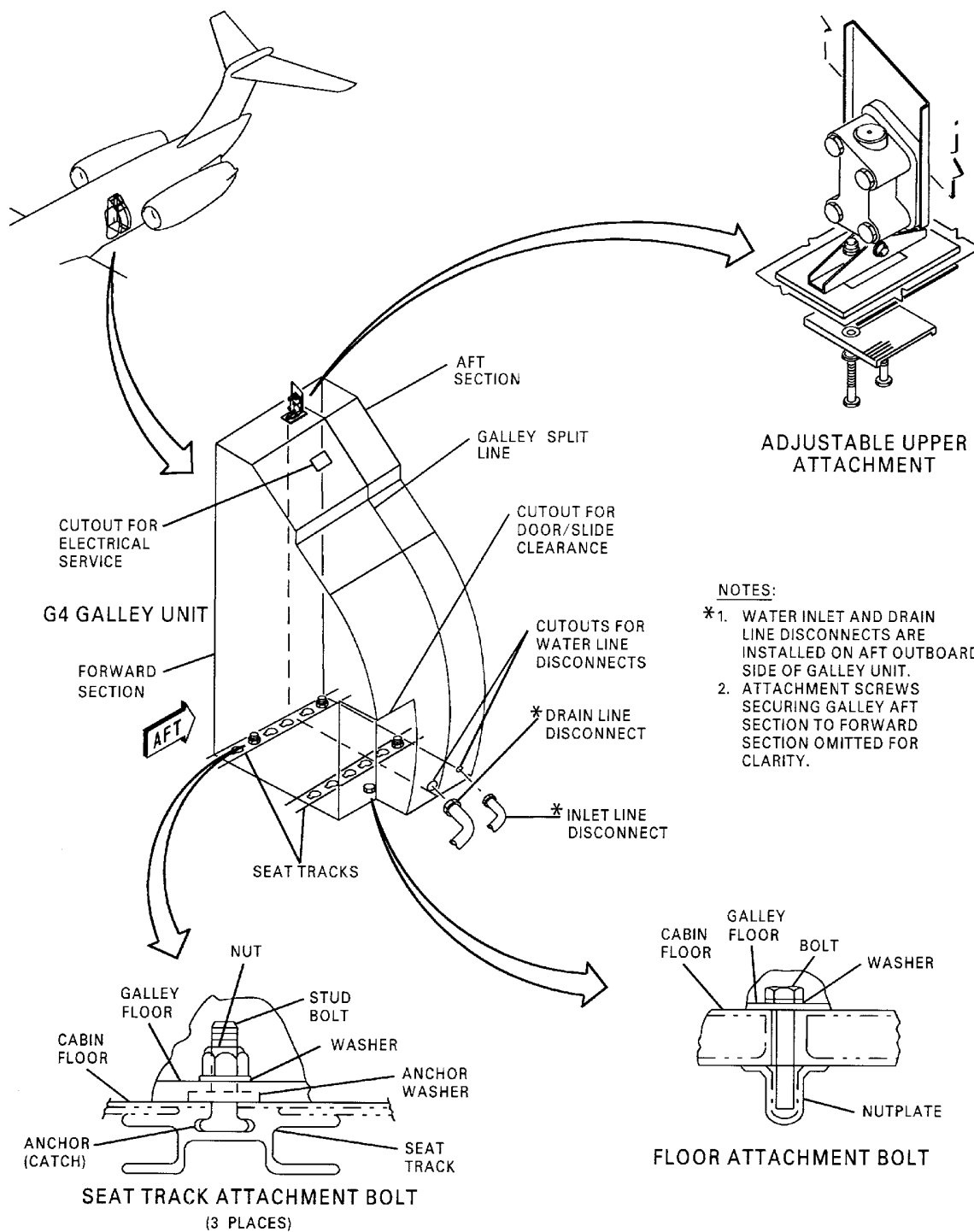
G4 Galley Installation
Figure 201/25-34-00-990-801 (Sheet 3 of 6)

EFFECTIVITY
WJE 407

25-34-00

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- NOTES:**
- *1. WATER INLET AND DRAIN LINE DISCONNECTS ARE INSTALLED ON AFT OUTBOARD SIDE OF GALLEY UNIT.
 - 2. ATTACHMENT SCREWS SECURING GALLEY AFT SECTION TO FORWARD SECTION OMITTED FOR CLARITY.

CAG(IGDS)

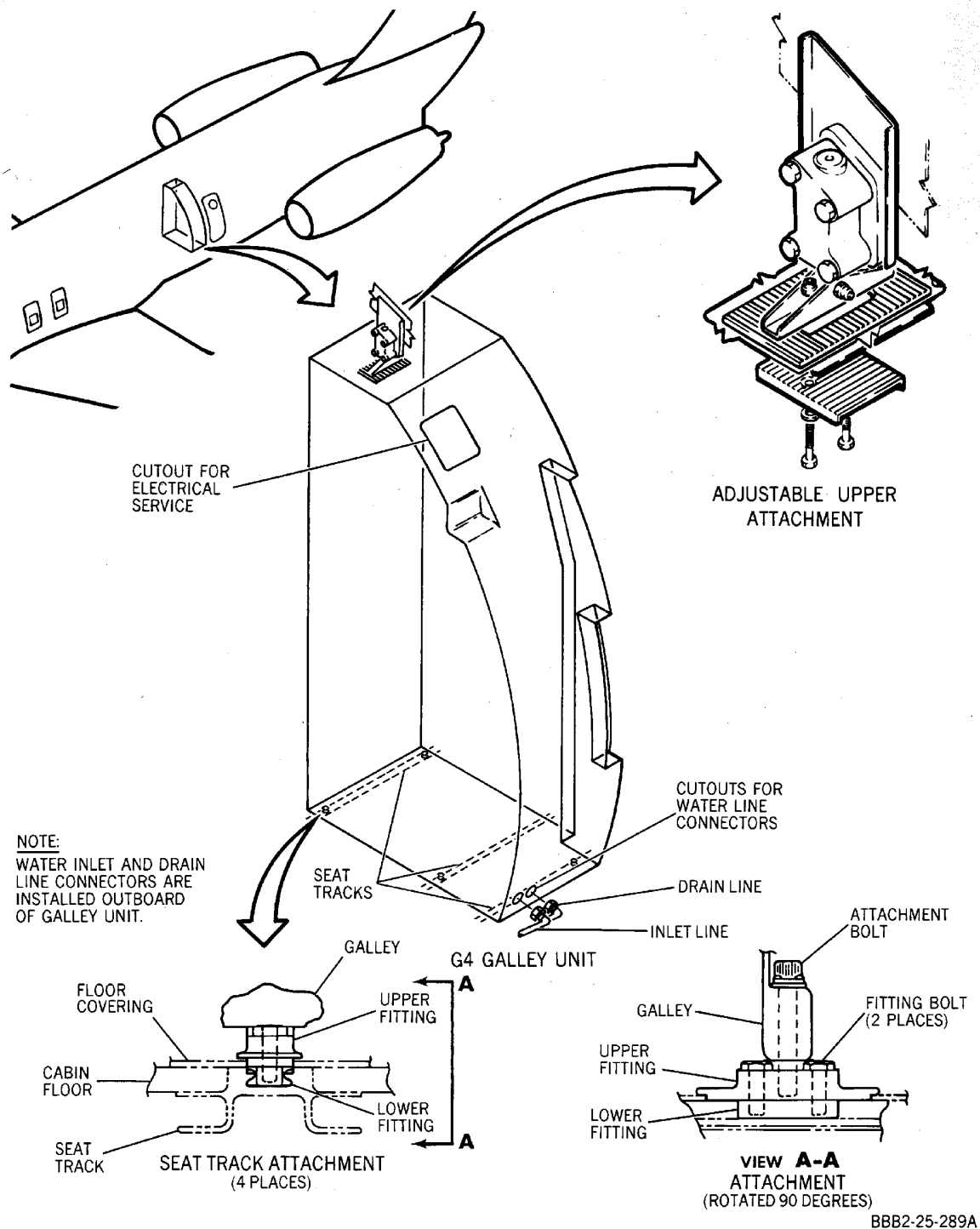
BBB2-25-585

**G4 Galley Installation
Figure 201/25-34-00-990-801 (Sheet 4 of 6)**

EFFECTIVITY
WJE 405, 406, 408-411, 880, 881, 883, 884

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G4 Galley Installation
Figure 201/25-34-00-990-801 (Sheet 5 of 6)

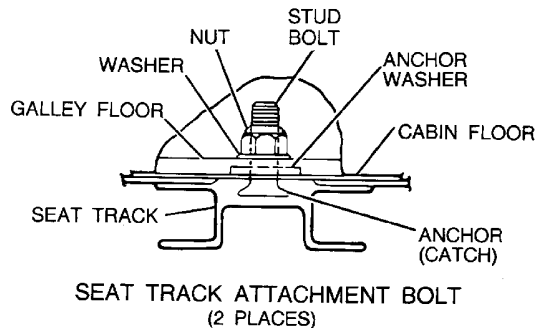
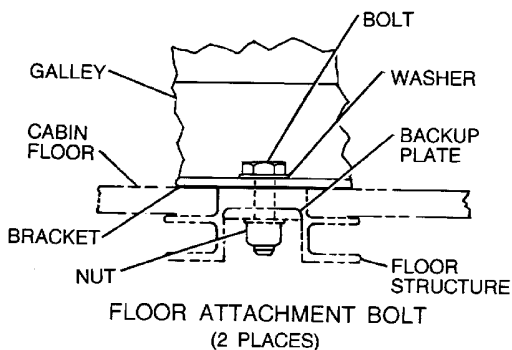
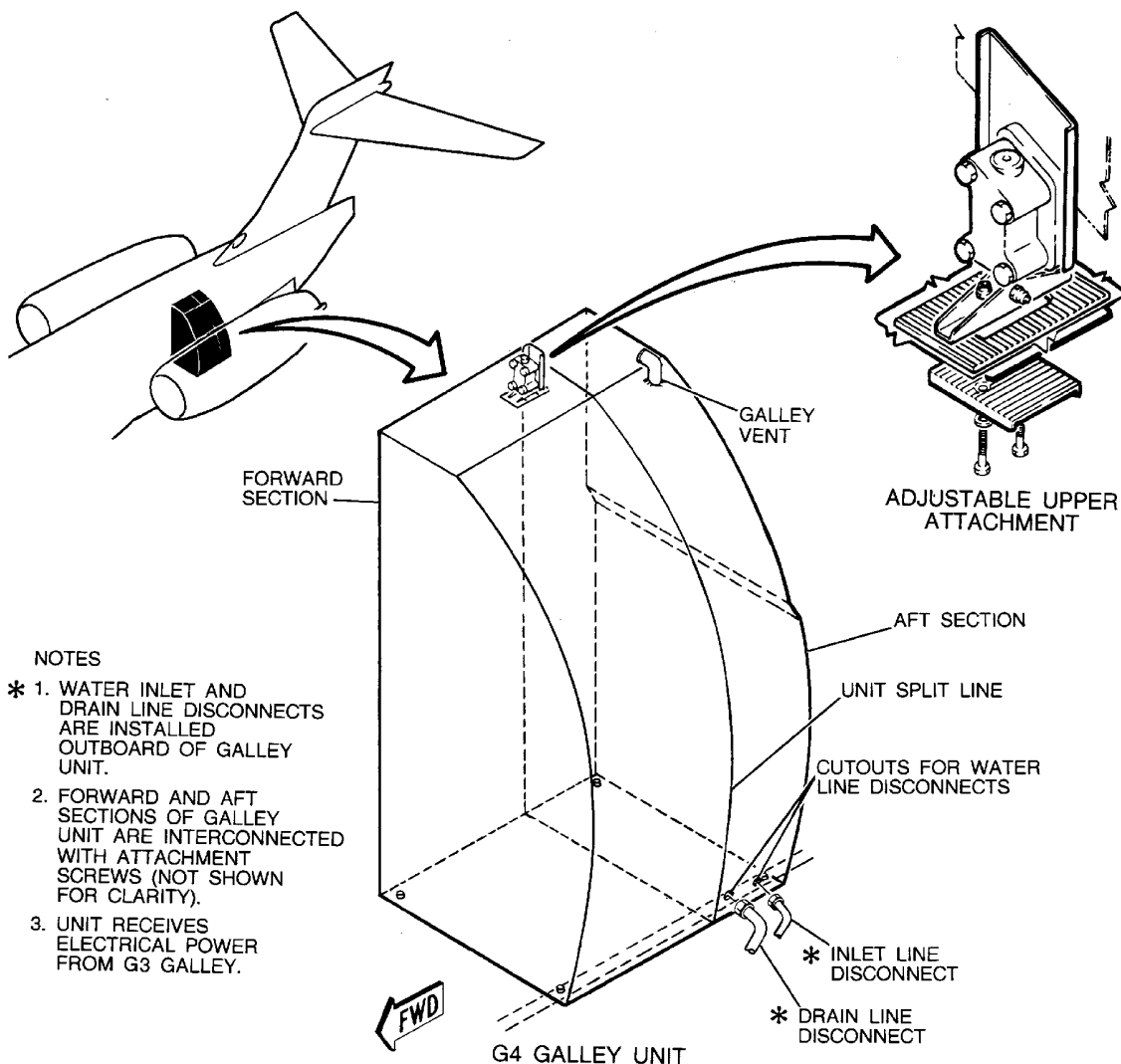
EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

25-34-00

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G4 Galley Installation
Figure 201/25-34-00-990-801 (Sheet 6 of 6)

EFFECTIVITY
WJE 401-404, 412, 414

25-34-00

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WJE 401-404, 412, 414 (Continued)

2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed items.

NOTE: It is possible that some materials in the Equipment and Materials List cannot be used for some or all of their necessary applications. Before you use the materials, make sure the types, quantities, and applications of the materials necessary are legally permitted in your location. All persons must obey all applicable federal, state, local, and provincial laws and regulations when it is necessary to work with these materials.

Table 201

Name and Number	Manufacturer
WJE 401-404, 407, 408, 411, 412, 414-427, 429, 861-866, 868, 869, 871-880, 886, 887, 891-893	
Sealant, Pro-Seal 735	Coast Pro-Seal & Mfg. Co. Los Angeles, CA
WJE ALL	
Shims, washer type AN970	
WJE 405, 406, 409, 410, 881, 883, 884	
Sealant, Polysulfide aluminized AC632 DMS QPL 1819	Morton Int. Garden Grove, CA

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

3. Removal/Installation G4 Galley

A. Remove Galley (G4) (Figure 201)

- (1) Place galley switch on overhead switch panel in OFF position.

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 886, 887, 891

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (2) Open these circuit breakers and install safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-885	AFT GALLEY POWER PHASE A
		B1-884	AFT GALLEY POWER PHASE B
		B1-883	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

EFFECTIVITY
WJE ALL

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WJE 405-411, 873, 874, 880, 881, 883, 884, 886, 887, 892, 893

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (3) Open these circuit breakers and install safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-888	AFT GALLEY POWER PHASE A
		B1-887	AFT GALLEY POWER PHASE B
		B1-886	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 415-427, 429, 861-866, 868, 869, 871-874, 891-893

- (4) Remove all inserts and other removable equipment to provide access to galley attachments.

WJE 401-412, 414, 880, 881, 883, 884

- (5) Remove all inserts, trolleys, and other removable equipment to lighten weight of galley unit and to provide access to galley attachments.

WJE 886, 887

- (6) Remove all inserts and other removable equipment to lighten weight of galley unit and to provide access to galley attachments.

WJE 407, 408, 411

- (7) On aircraft 104-107, remove cabin attendant seat and control panel from inboard side of galley unit, as required. Remove life vest and pocket from inboard side of unit.
(PAGEBLOCK 25-23-03/201)

WJE 880

- (8) Remove cabin attendant seat and control panel from inboard side of galley unit, as required. Remove life vest and pocket from inboard side of unit. (PAGEBLOCK 25-23-03/201)

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (9) Remove seats as required from forward side of galley unit. (PAGEBLOCK 25-23-00/201)

WJE 405, 406, 409, 410, 873, 874, 881, 883, 884, 892, 893

- (10) Remove cabin attendant seat and control panel from inboard side of galley unit.
(PAGEBLOCK 25-23-03/201)

EFFECTIVITY
WJE ALL

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WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868

- (11) On aircraft 101-134, 175-176, position and secure doghouse-type stowage compartment to forward side of galley unit with attachment bolts (6 places). Doghouse drawer must be removed temporarily for access to attachment bolts.

WJE 415, 417, 419, 421-423, 425, 427

- (12) On aircraft 101-134, 175-176, position and secure the doghouse-type stowage compartment to forward side of galley unit with attachment bolts (6 places). Doghouse drawer must be removed temporarily for access to attachment bolts.

WJE 861-866, 868

- (13) Position and secure the doghouse-type stowage compartment to forward side of galley unit with attachment bolts (6 places). Doghouse drawer must be removed temporarily for access to attachment bolts.

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

- (14) Remove trim from edges of galley unit.

WJE 401-412, 414, 880, 881, 883, 884, 886, 887

- (15) Depressurize water system. (WATER SUPPLY SYSTEM - SERVICING, PAGEBLOCK 38-11-00/301 Config 2)

WJE 405, 406, 409, 410, 873, 874, 881, 883, 884, 892, 893

- (16) Disconnect and cap water lines on aft outboard side of galley unit.

WJE 401-404, 412, 414

- (17) Disconnect vent hose at top of galley unit.
- (18) Remove G3 galley unit from inboard side of G4 galley unit.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (19) Remove seat track attachments securing galley unit to cabin floor.

WJE 401-406, 409, 410, 412, 414, 873, 874, 881, 883, 884, 886, 887, 892, 893

- (20) Remove attachments securing galley unit to cabin floor and seat tracks.

WJE 405-411, 873, 874, 880, 881, 883, 884, 886, 887, 892, 893

- (21) Disconnect upper attachment from top of galley unit.

WJE 405-411, 873, 874, 880, 881, 883, 884, 892, 893

- (22) Break seal at floor line, carefully move galley unit approximately eight inches (203.2 mm) from fuselage sidewall, and disconnect electrical power receptacle.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 886, 887, 891

- (23) Break seal at floor line, carefully move galley unit out from fuselage sidewall, and disconnect electrical power receptacle.

WJE 401-404, 412, 414

- (24) Break seal at floor line, carefully move galley unit about eight inches (203.2 mm) from fuselage sidewall. Check that electrical power receptacle from G3 galley unit has been disconnected at top of G4 galley unit.

EFFECTIVITY
WJE ALL

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WJE 407, 408, 411, 880, 886, 887

- (25) Disconnect and cap water lines on aft outboard side of galley unit.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (26) Disconnect flexible water lines from connectors on outboard side of galley unit. Cap connectors.

WJE 401-404, 412, 414

- (27) Disconnect and cap flexible water lines on aft outboard side of galley unit.

WJE 401-412, 414, 873, 874, 880, 881, 883, 884, 892, 893

- (28) Remove attachment screws and separate galley forward section from aft section.
(29) Remove galley sections from aircraft.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 886, 887, 891

- (30) Remove galley unit from aircraft.

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

B. Install Galley (G4) (Figure 201)

- (1) Check that the galley switch on the over head switch panel is off.

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 886, 887, 891

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (2) Make sure that these circuit breakers are open and have safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-885	AFT GALLEY POWER PHASE A
		B1-884	AFT GALLEY POWER PHASE B
		B1-883	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

EFFECTIVITY	
WJE ALL	

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WJE 405-411, 873, 874, 880, 881, 883, 884, 886, 887, 892, 893

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (3) Make sure that these circuit breakers are open and have safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-888	AFT GALLEY POWER PHASE A
		B1-887	AFT GALLEY POWER PHASE B
		B1-886	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 401-412, 414, 873, 874, 880, 881, 883, 884, 892, 893

- (4) Move galley sections into aircraft and attach galley forward section to aft section with attachment screws.

WJE 886, 887

- (5) Move galley unit into aircraft just aft of aft galley service door.

WJE 401-412, 414, 873, 874, 880, 881, 883, 884, 886, 887, 892, 893

CAUTION: WHEN MOVING GALLEY INTO POSITION ENSURE THAT WIRING, HOSES, ETC., ADJACENT TO AND BEHIND THE GALLEY ARE NOT PINCHED OR DAMAGED.

- (6) Position galley unit approximately eight inches (203.2 mm) from fuselage sidewall and connect electrical power connector at top of unit.

WJE 401-404, 412, 414

CAUTION: WHEN MOVING GALLEY INTO POSITION ENSURE THAT WIRING, HOSES, ETC., ADJACENT TO AND BEHIND THE GALLEY ARE NOT PINCHED OR DAMAGED.

- (7) Position galley unit about eight inches (203.2 mm) from fuselage sidewall; then remove caps and connect flexible water lines on aft outboard side of galley unit.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

CAUTION: WHEN MOVING GALLEY INTO POSITION ENSURE THAT WIRING, HOSES, ETC., ADJACENT TO AND BEHIND THE GALLEY ARE NOT PINCHED OR DAMAGED.

- (8) Position galley unit approximately eight inches from fuselage sidewall and connect electrical power connector at top of unit.
- (9) Connect flexible water lines to connectors on outboard side of galley unit.
- (10) Move galley unit into position and install seat track attachments.

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WJE 407, 408, 411, 880

- (11) Remove caps and connect flexible water lines on aft outboard side of galley unit.

WJE 886, 887

- (12) Remove caps and connect water lines on aft outboard side of galley unit.

WJE 401-412, 414, 873, 874, 880, 881, 883, 884, 886, 887, 892, 893

- (13) Move galley unit into position and install attachments securing galley unit to seat tracks and cabin floor.

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

- (14) If required, use AN970 washer-type shims to adjust or level galley unit. Maximum height of shims at any one attachment should not exceed 3/16-inch.

WJE 405, 406, 409, 410, 873, 874, 881, 883, 884, 892, 893

- (15) Remove caps and connect water lines on aft outboard side of galley unit.

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

- (16) Secure ceiling attachment at top of galley unit.

WJE 401-404, 412, 414

- (17) Connect vent hose at top of galley unit, as required.

WJE 401-404, 407, 408, 411, 412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 886, 887, 891-893

- (18) Apply 1/8-inch (3.175mm) bead of Pro-Seal 735 sealant around bottom edge of galley unit, at floor line.

WJE 405, 406, 409, 410, 881, 883, 884

WARNING: POLYSULFIDE ALUMINIZED SEALANT IS AN AGENT THAT IS FLAMMABLE, EXPLOSIVE, POISONOUS, AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN POLYSULFIDE ALUMINIZED SEALANT IS USED.

- GAS/AIR MIXTURES MORE THAN THE LOWER EXPLOSIVE LIMIT (LEL) CAN CAUSE AN EXPLOSION IF HIGH HEAT, SPARKS, OR FLAMES SUPPLY IGNITION.
- USE IN AN AREA OPEN TO THE AIR.
- CLOSE THE CONTAINER WHEN NOT USED.
- DO NOT GET POLYSULFIDE ALUMINIZED SEALANT IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
- DO NOT BREATHE THE GAS.

WARNING: REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIERS MSDS FOR:

- MORE PRECAUTIONARY DATA.
- APPROVED SAFETY EQUIPMENT.
- EMERGENCY MEDICAL AID.
- TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE PROCEDURES TO DISCARD THIS HAZARDOUS AGENT.

- (19) Apply 1/8-inch bead of Polysulfide aluminized sealant around bottom edge of galley unit, at floor line.

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WJE ALL

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WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868

- (20) Remove attachment bolts (6 places) securing doghouse-type stowage compartment to forward side of galley unit. Remove doghouse drawer for access to attachment bolts; then, remove doghouse from aircraft.

WJE 401-404, 412, 414

- (21) Install G3 galley unit on inboard side of G4 galley unit.
(22) Connect electrical power receptacle from G3 galley unit at top of G4 galley unit.

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

- (23) Install trim to edges of galley unit.

WJE 407

- (24) On aircraft 104-107, install cabin attendant seat and control panel on inboard side of galley unit as required. Install pocket and life vest on inboard side of unit. (PAGEBLOCK 25-23-03/201)

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (25) Install seats on forward side of galley unit. (PAGEBLOCK 25-23-00/201)

WJE 405, 406, 409, 410, 873, 874, 881, 883, 884, 892, 893

- (26) Install cabin attendant seat and control panel on inboard side of galley unit. (PAGEBLOCK 25-23-03/201)

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 886, 887, 891

- (27) Remove the safety tags and close these circuit breakers:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-885	AFT GALLEY POWER PHASE A
		B1-884	AFT GALLEY POWER PHASE B
		B1-883	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 405-411, 873, 874, 880, 881, 883, 884, 886, 887, 892, 893

- (28) Remove the safety tags and close these circuit breakers:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-888	AFT GALLEY POWER PHASE A
		B1-887	AFT GALLEY POWER PHASE B
		B1-886	AFT GALLEY POWER PHASE C

EFFECTIVITY	
WJE ALL	

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WJE 405-411, 873, 874, 880, 881, 883, 884, 886, 887, 892, 893 (Continued)

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

(29) Check galley electrical equipment for proper operation.

NOTE: Ground power must be supplied to aircraft for performance of test. Ground control relay must be in GROUND position and galley switch on overhead switch panel must be in ON position.

WJE 401-412, 414, 873, 874, 880, 881, 883, 884, 886, 887, 892, 893

(30) Pressurize water system. (WATER SUPPLY SYSTEM - SERVICING, PAGEBLOCK 38-11-00/301 Config 2)

WJE 405, 406, 409, 410, 873, 874, 881, 883, 884, 886, 887, 892, 893

(31) Install all inserts and other equipment previously removed from galley.

WJE 415-427, 429

(32) Install all inserts and other equipment previously removed from galley (and doghouse on aircraft 101-134, 175-176).

WJE 861-866, 868, 869, 871, 872, 891

(33) Install all inserts and other equipment previously removed from galley and doghouse.

WJE 401-404, 407, 408, 411, 412, 414, 880

(34) Install all inserts, trolleys, and other equipment previously removed from galley.

WJE 886, 887

4. Removal/Installation G4B Galley

A. Remove Galley

(G4B)

(Figure 202)

(1) Place galley switch on overhead switch panel in OFF position.

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

(2) Open these circuit breakers and install safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-885	AFT GALLEY POWER PHASE A
		B1-888	AFT GALLEY POWER PHASE A

EFFECTIVITY
WJE ALL

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WJE 886, 887 (Continued)

(Continued)

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-884	AFT GALLEY POWER PHASE B
		B1-887	AFT GALLEY POWER PHASE B
		B1-883	AFT GALLEY POWER PHASE C
		B1-886	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

- (3) Remove all inserts and other removable equipment to lighten weight of galley unit and to provide access to galley attachments.
 - (4) Remove trim from edges of galley unit.
 - (5) Depressurize water system. (WATER SUPPLY SYSTEM, SECTION 38-11)
 - (6) Remove attachments securing galley to cabin floor and seat tracks.
 - (7) Disconnect upper attachment from top of galley unit.
 - (8) Break seal at floor line, carefully move galley unit out from fuselage sidewall, and disconnect electrical power receptacle.
 - (9) Disconnect and cap water lines to G4 galley unit.
 - (10) Remove attachments securing galley to cabin floor seat tracks.
 - (11) Remove galley unit from aircraft.
- B. Install Galley
(G4B)
- (1) Check that galley switch on overhead switch panel in OFF position.

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (2) Make sure that these circuit breakers are open and have safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-885	AFT GALLEY POWER PHASE A
		B1-888	AFT GALLEY POWER PHASE A
		B1-884	AFT GALLEY POWER PHASE B
		B1-887	AFT GALLEY POWER PHASE B
		B1-883	AFT GALLEY POWER PHASE C
		B1-886	AFT GALLEY POWER PHASE C

EFFECTIVITY
WJE ALL

25-34-00

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WJE 886, 887 (Continued)

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

CAUTION: WHEN MOVING GALLEY INTO POSITION ENSURE THAT WIRING, HOSES, ETC., ADJACENT TO AND BEHIND THE GALLEY ARE NOT PINCHED OR DAMAGED.

- (3) Position galley unit approximately eight inches (203.2 mm) from fuselage sidewall and connect electrical power connector at top of unit.
- (4) Remove caps and connect water lines to G4 galley unit.
- (5) Move galley unit into position and install attachments securing galley unit to seat tracks and cabin floor.
- (6) If required, use AN970 washer-type shims to adjust or level galley unit. Maximum height of shims at any one attachment should not exceed 3/16-inch.
- (7) Secure ceiling attachment at top of galley unit.
- (8) Apply 1/8-inch (3.175 mm) bead of Pro-Seal 735 sealant around bottom edge of galley unit, at floor line.
- (9) Install trim to edges of galley unit.
- (10) Remove the safety tags and close these circuit breakers:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-885	AFT GALLEY POWER PHASE A
		B1-888	AFT GALLEY POWER PHASE A
		B1-884	AFT GALLEY POWER PHASE B
		B1-887	AFT GALLEY POWER PHASE B
		B1-883	AFT GALLEY POWER PHASE C
		B1-886	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

- (11) Pressurize water system. (WATER SUPPLY SYSTEM, SUBJECT 38-11-00)

EFFECTIVITY
WJE ALL

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WJE 886, 887 (Continued)

- (12) Check galley electrical equipment for proper operation.

NOTE: Ground power must be supplied to aircraft for performance of test. Ground control relay must be in GROUND position and galley switch on overhead switch panel must be in ON position.

- (13) Install all inserts and other equipment previously removed from galley.

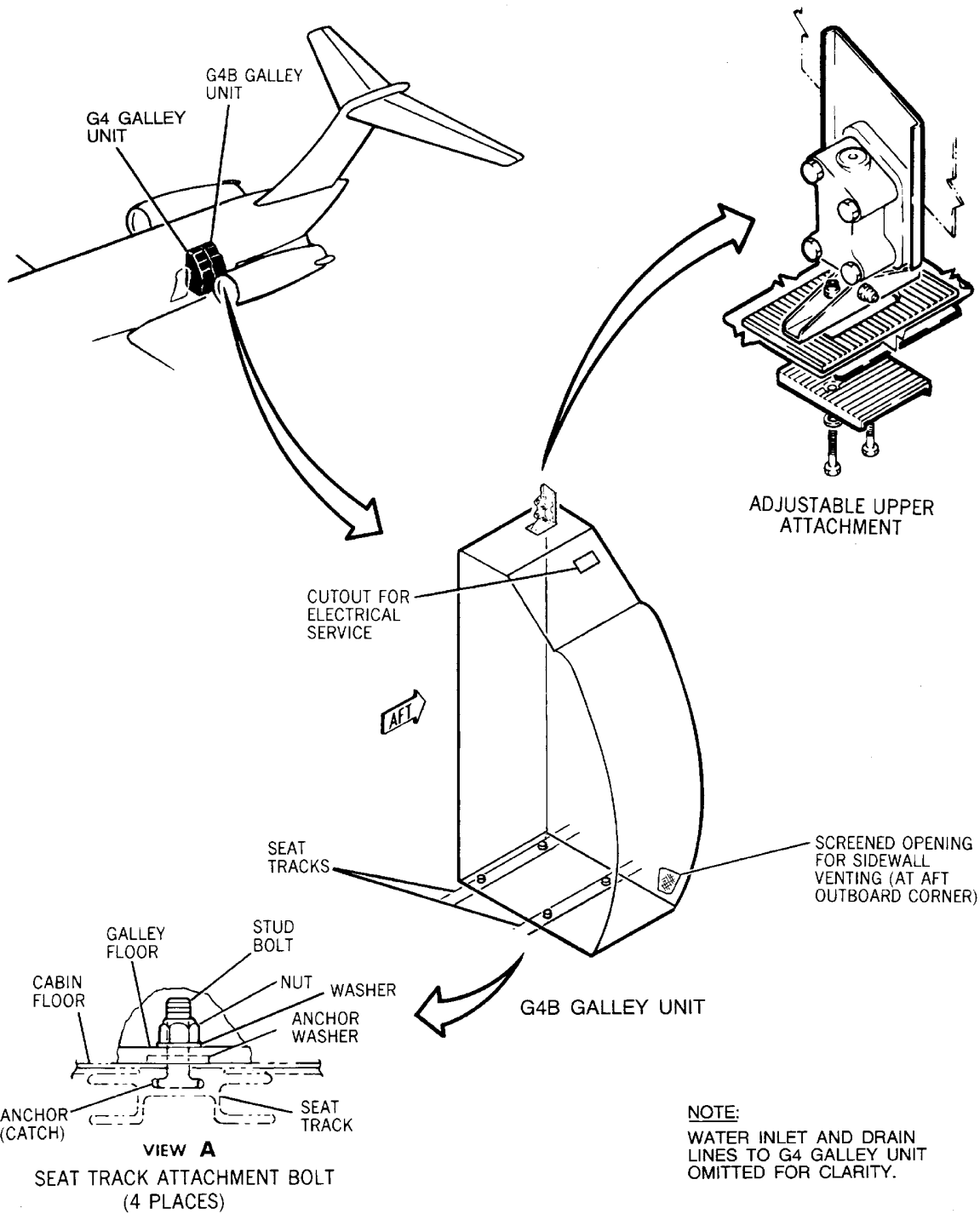
EFFECTIVITY
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BBB2-25-503

**G4B Galley Installation
Figure 202/25-34-00-990-822**

EFFECTIVITY
WJE 886, 887

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G5 GALLEY - MAINTENANCE PRACTICES

1. General

WJE 401-404, 412, 414

- A. The G5 galley unit is located aft of the aft service door on the left side of the aircraft. The galley unit is not normally removed except to facilitate structural inspection, change in aircraft configuration, or repair. (Figure 201)

WJE 886, 887

- B. The G5 galley unit is located aft of the aft service door on the left side of the aircraft just forward of the aft lavatory. The galley unit is not normally removed except to facilitate structural inspection, change in aircraft configuration, or repair. (Figure 201)

WJE 875-879

- C. The G5 galley unit is located aft of the aft service door in the aircraft just forward of the aft lavatory. The galley unit is not normally removed except for structural checks, change in aircraft configuration, or repair. (Figure 201)

WJE 407, 408, 411, 880

- D. The G5A galley unit is located aft of the G4 galley in the passenger compartment on the left side of the aircraft. The galley unit is not normally removed except for structural checks, change in aircraft configuration, or repair. (Figure 202)

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- E. The G5 galley unit is located aft of the galley service door on the left side of the passenger compartment. The galley unit is not normally removed except for structural checks, change in aircraft configuration, or repair. (Figure 201)

WJE 401-404, 407, 408, 411, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-880, 886, 887, 891

2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed items:

WJE 401-404, 407, 408, 411, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 880, 886, 887, 891

NOTE: Some materials in the Equipment and Materials list may not be permitted to be used in your location. Persons in each location must make sure they are permitted to use these materials. All persons must obey all applicable federal, state, local, and provincial regulations for their location.

WJE 875-879

NOTE: It is possible that some materials in the Equipment and Materials List cannot be used for some or all of their necessary applications. Before you use the materials, make sure the types, quantities, and applications of the materials necessary are legally permitted in your location. All persons must obey all applicable federal, state, local, and provincial laws and regulations when it is necessary to work with these materials.

WJE 401-404, 407, 408, 411, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-880, 886, 887, 891

Table 201

Name and Number	Manufacturer
Sealant, Pro-Seal 735	Coast Pro-Seal & Mfg. Co. Los Angeles, CA
Shims, washer type AN970	

EFFECTIVITY

WJE 401-404, 407, 408, 411, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-880, 886, 887, 891

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Table 201 (Continued)

Name and Number	Manufacturer
Mylar Tape (CPN 5530938, 18") Slitting Co. (CPN 5463131, 2")	E&H Laminating & Paterson, NJ 07501
Sealing Compound DC4 (CPN 5996355 or CPN 5750598)	Dow Corning

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-879, 886, 887, 891

3. Removal/Installation G5 Galley

A. Remove Galley

- (1) Place galley switch on overhead switch panel in OFF position.

WJE 886, 887

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (2) Open these circuit breakers and install safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-885	AFT GALLEY POWER PHASE A
		B1-884	AFT GALLEY POWER PHASE B
		B1-883	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, DC AIR CONDITIONING & MISCELLANEOUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
W	30	B1-365	PASSENGER WARNING SIGNS

UPPER EPC, LIGHTS - LEFT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
K	23	B1-366	PASSENGER WARNING SIGNS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

EFFECTIVITY

WJE 401-404, 407, 408, 411, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-880, 886, 887, 891

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WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (3) Open these circuit breakers and install safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-888	AFT GALLEY POWER PHASE A
		B1-887	AFT GALLEY POWER PHASE B
		B1-886	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, DC AIR CONDITIONING & MISCELLANEOUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
W	30	B1-365	PASSENGER WARNING SIGNS

UPPER EPC, LIGHTS - LEFT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
K	23	B1-366	PASSENGER WARNING SIGNS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 886, 887, 891

- (4) Remove all inserts and other removable equipment to provide access to galley attachments.

WJE 875-879, 886, 887

- (5) Remove all inserts and other removable equipment to lighten weight of galley unit and to provide access to galley attachments.

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-879, 886, 887, 891

- (6) If required, removed galley unit No. 4. (PAGEBLOCK 25-34-00/201)

NOTE: G4 galley may have to be removed prior to removing G5 galley unit.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (7) Remove cabin attendant seat and control panel from inboard side of galley unit. (PAGEBLOCK 25-23-03/201)

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 886, 887, 891

- (8) Remove trim from edges of galley unit.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (9) Disconnect electrical connector at top of galley unit.

EFFECTIVITY

WJE 401-404, 407, 408, 411, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-880, 886, 887, 891

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WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 886, 887, 891

- (10) Remove ceiling attachments from top of galley unit.

WJE 401-404, 412, 414

- (11) Remove attachments securing galley to seat tracks.

WJE 401-404, 412, 414, 875-879

- (12) Remove attachments securing galley to cabin floor and seat tracks.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (13) Remove cabin floor and seat track attachments.
- (14) Break seal at floor and move galley out from sidewall.

WJE 401-404, 412, 414

- (15) Break seal at floor line, carefully move galley unit out about 8 inches (203.2 mm) from fuselage sidewall, and disconnect electrical power receptacle at top of unit.

WJE 875-879

- (16) Break seal at floor line, carefully move galley unit out from fuselage sidewall, and disconnect electrical power receptacle at top of unit.

WJE 886, 887

- (17) Disconnect and cap water drain line on outboard side of galley unit.

WJE 401-404, 412, 414

- (18) Separate galley unit into forward, mid, and aft sections by removing section attachment screws inside unit.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 886, 887, 891

- (19) Remove attachment screws and separate galley forward section from aft section.

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 886, 887, 891

- (20) Remove galley unit from aircraft.

B. Install Galley

- (1) Check that galley switch on overhead switch panel is in OFF position.

WJE 886, 887

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (2) Make sure that these circuit breakers are open and have safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-885	AFT GALLEY POWER PHASE A
		B1-884	AFT GALLEY POWER PHASE B
		B1-883	AFT GALLEY POWER PHASE C

EFFECTIVITY

WJE 401-404, 407, 408, 411, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-880, 886, 887, 891

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WJE 886, 887 (Continued)

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, DC AIR CONDITIONING & MISCELLANEOUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
W	30	B1-365	PASSENGER WARNING SIGNS

UPPER EPC, LIGHTS - LEFT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
K	23	B1-366	PASSENGER WARNING SIGNS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (3) Make sure that these circuit breakers are open and have safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-888	AFT GALLEY POWER PHASE A
		B1-887	AFT GALLEY POWER PHASE B
		B1-886	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, DC AIR CONDITIONING & MISCELLANEOUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
W	30	B1-365	PASSENGER WARNING SIGNS

UPPER EPC, LIGHTS - LEFT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
K	23	B1-366	PASSENGER WARNING SIGNS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

EFFECTIVITY

WJE 401-404, 407, 408, 411, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-880, 886, 887, 891

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WJE 415-427, 429, 861-866, 868, 869, 871, 872, 886, 887, 891

- (4) Move galley sections into aircraft and attach forward to aft section with attachment screws.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (5) Move galley sections into aircraft and connect forward and aft sections of galley unit with section attachment screws as required.

WJE 401-404, 412, 414

- (6) Move galley sections into aircraft and connect forward, mid, and aft sections of galley with section attachment screws.
- (7) Position galley unit approximately eight inches (203.2 mm) from fuselage sidewall and connect electrical power receptacle at outboard top side of unit.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (8) Position galley about eight inches (203.2 mm) from sidewall and connect electrical connector.

WJE 886, 887

- (9) Remove cap and connect water drain line on outboard side of galley unit.

WJE 401-404, 412, 414

- (10) Move galley unit into position and install attachments to cabin seat tracks.

WJE 886, 887

- (11) Move galley unit into position and install seat track attachments.

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 886, 887, 891

- (12) Move galley unit into position and install floor shims (as required) and seat track attachments.
- (13) If required, use AN970 washer-type shims to adjust or level galley unit. Maximum height of shims at any one attachment should not exceed 3/16-inch.
- (14) Secure ceiling attachment(s) at top of galley unit.
- (15) Apply 1/8-inch bead of Pro-Seal 735 sealant around bottom edge of galley unit, at floor line.
- (16) Install galley unit No. 4 as required. (PAGEBLOCK 25-34-00/201)
- (17) Install trim to edges of galley unit.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (18) Install cabin attendant seat and control panel on inboard side of galley unit.
(PAGEBLOCK 25-23-03/201)

WJE 886, 887

- (19) Remove the safety tags and close these circuit breakers:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-885	AFT GALLEY POWER PHASE A
		B1-884	AFT GALLEY POWER PHASE B
		B1-883	AFT GALLEY POWER PHASE C

EFFECTIVITY

WJE 401-404, 407, 408, 411, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-880, 886, 887, 891

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WJE 886, 887 (Continued)

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, DC AIR CONDITIONING & MISCELLANEOUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
W	30	B1-365	PASSENGER WARNING SIGNS

UPPER EPC, LIGHTS - LEFT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
K	23	B1-366	PASSENGER WARNING SIGNS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

(20) Remove the safety tags and close these circuit breakers:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-888	AFT GALLEY POWER PHASE A
		B1-887	AFT GALLEY POWER PHASE B
		B1-886	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, DC AIR CONDITIONING & MISCELLANEOUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
W	30	B1-365	PASSENGER WARNING SIGNS

UPPER EPC, LIGHTS - LEFT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
K	23	B1-366	PASSENGER WARNING SIGNS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

EFFECTIVITY

WJE 401-404, 407, 408, 411, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-880, 886, 887, 891

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WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 886, 887, 891

(21) Check galley electrical equipment for proper operation.

NOTE: Ground power must be supplied to aircraft for performance of test. Ground control relay must be in GROUND position and galley switch on overhead switch panel must be in ON position.

WJE 401-404, 412, 414

(22) Install all inserts, trolleys, and other equipment previously removed from galley.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 886, 887, 891

(23) Install all inserts and other equipment previously removed from galley.

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-879, 886, 887, 891

EFFECTIVITY

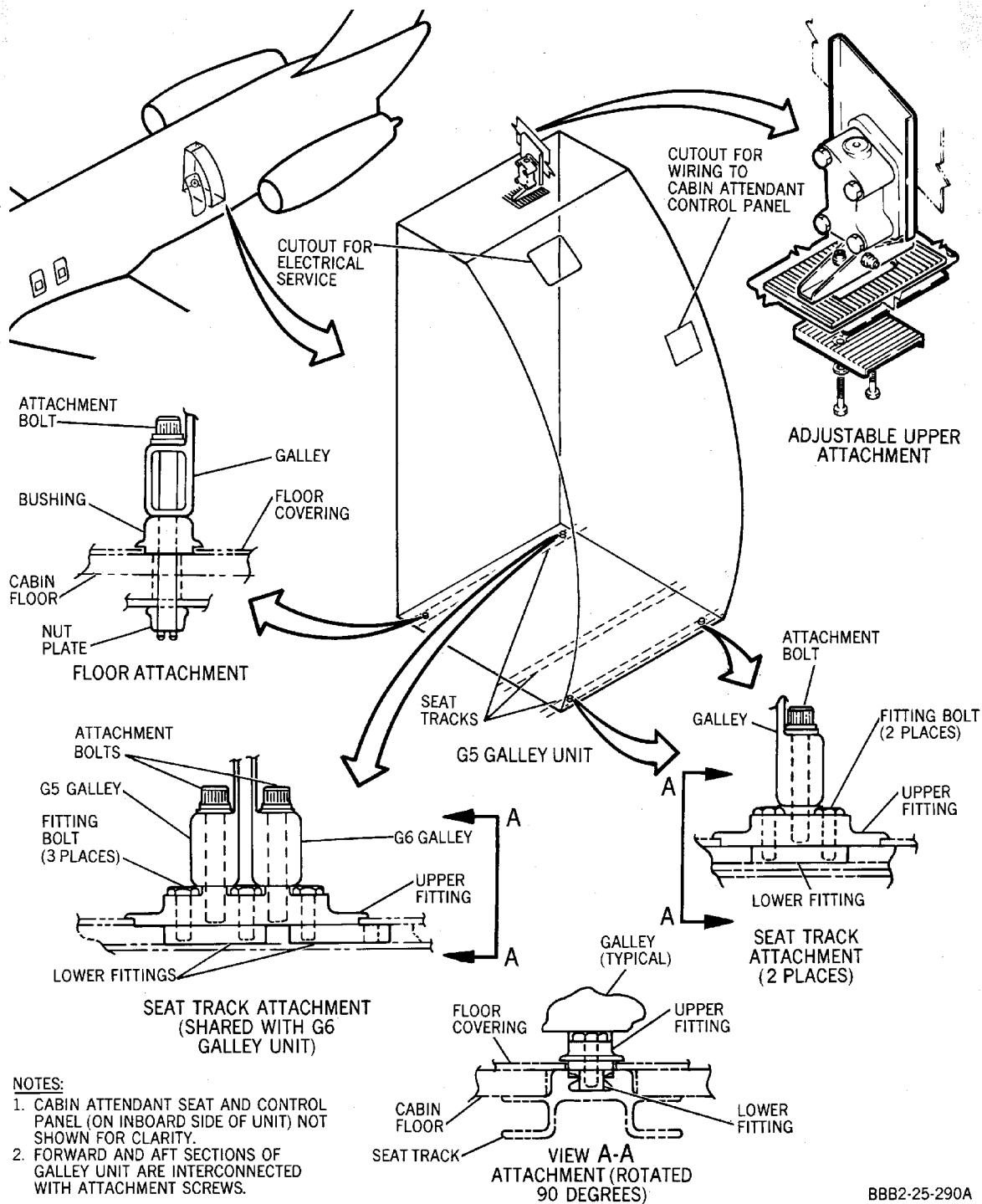
**WJE 401-404, 407, 408, 411, 412, 414-427, 429,
861-866, 868, 869, 871, 872, 875-880, 886, 887, 891**

TP-80MM-WJE

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BBB2-25-290A

G5 Galley Installation
Figure 201/25-35-00-990-811 (Sheet 1 of 4)

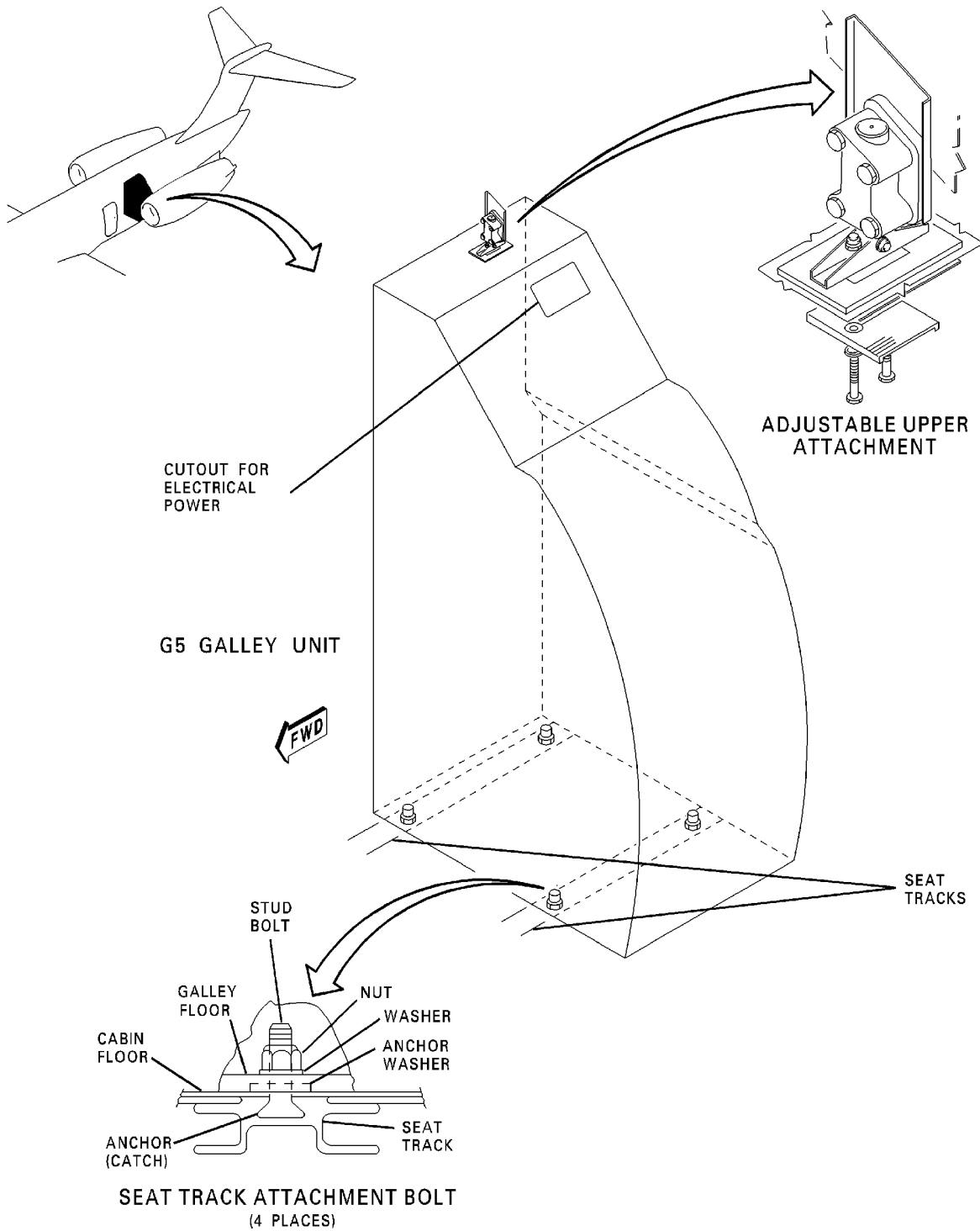
EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

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CAG (IGDS)

BBB2-25-713

G5 Galley Installation
Figure 201/25-35-00-990-811 (Sheet 2 of 4)

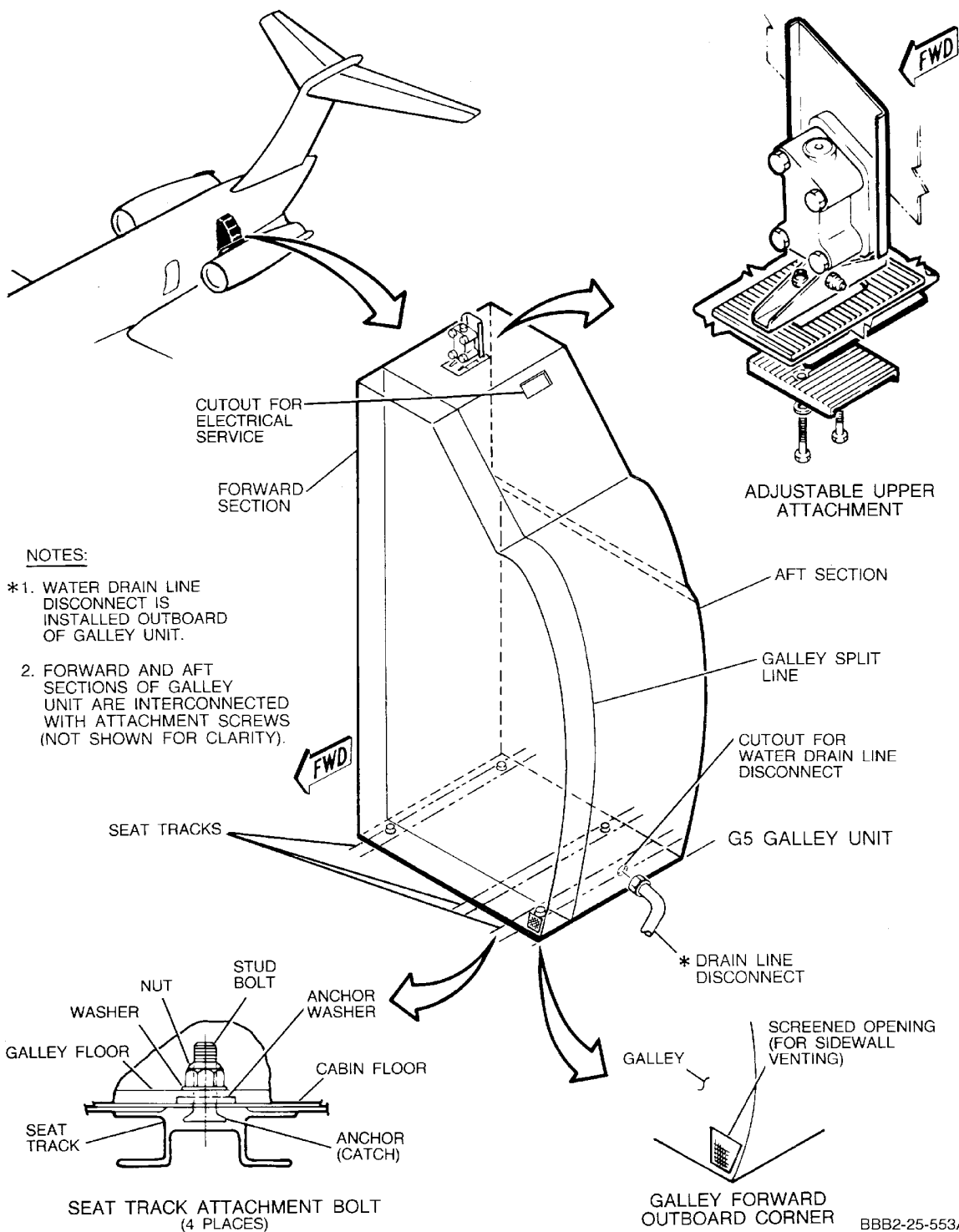
EFFECTIVITY
WJE 875-879

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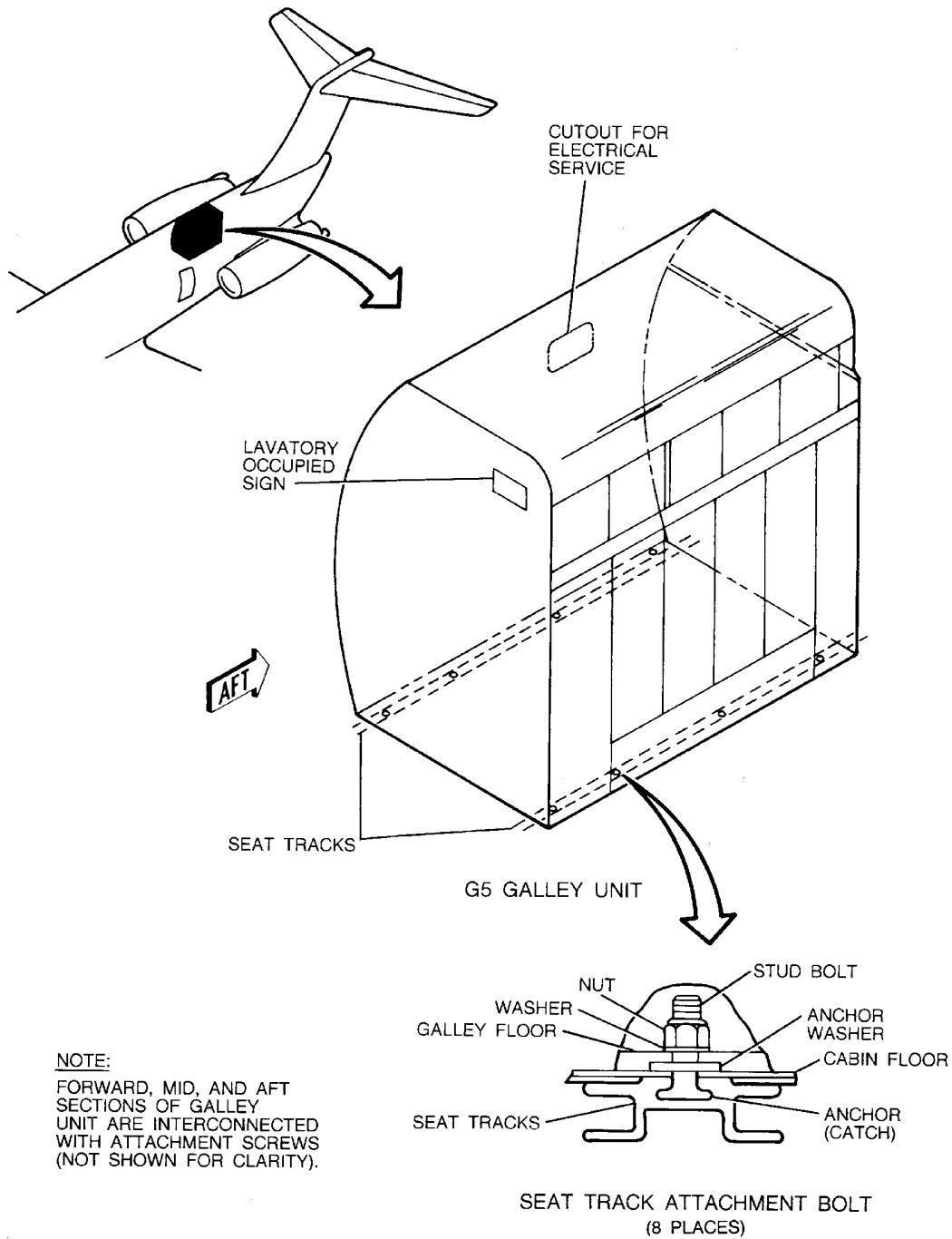
BBB2-25-553A

**G5 Galley Installation
Figure 201/25-35-00-990-811 (Sheet 3 of 4)**

EFFECTIVITY
WJE 886, 887

25-35-00

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NOTE:
FORWARD, MID, AND AFT
SECTIONS OF GALLEY
UNIT ARE INTERCONNECTED
WITH ATTACHMENT SCREWS
(NOT SHOWN FOR CLARITY).

BBB2-25-487

G5 Galley Installation
Figure 201/25-35-00-990-811 (Sheet 4 of 4)

EFFECTIVITY
WJE 401-404, 412, 414

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WJE 407, 408, 411, 880

4. Removal/Installation G5A Galley

A. Remove Galley

- (1) Place galley switch on overhead switch panel in OFF position.

WJE 407, 408, 411

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (2) Open these circuit breakers and install safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-885	AFT GALLEY POWER PHASE A
		B1-884	AFT GALLEY POWER PHASE B
		B1-883	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, DC AIR CONDITIONING & MISCELLANEOUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
W	30	B1-365	PASSENGER WARNING SIGNS

UPPER EPC, LIGHTS - LEFT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
K	23	B1-366	PASSENGER WARNING SIGNS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 407, 408, 411, 880

- (3) Remove all inserts and other removable equipment to provide access to galley attachments.
- (4) If required, remove galley unit No. 4. (PAGEBLOCK 25-34-00/201)
NOTE: G4 galley may have to be removed prior to removing G5A galley unit.
- (5) Remove trim from edges of galley unit.
- (6) Remove ceiling attachment from panel at top of galley unit.
- (7) Remove seat track attachments securing galley unit to floor.
- (8) Break seal at floor line, move galley unit out about 8 inches (203.2 mm) from fuselage sidewall, and disconnect electrical power receptacle.
- (9) Remove galley unit from aircraft.

B. Install Galley

- (1) Check that galley switch on overhead switch panel is in OFF position.

EFFECTIVITY

WJE 401-404, 407, 408, 411, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-880, 886, 887, 891

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WJE 407, 408, 411

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (2) Make sure that these circuit breakers are open and have safety tags:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-885	AFT GALLEY POWER PHASE A
		B1-884	AFT GALLEY POWER PHASE B
		B1-883	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, DC AIR CONDITIONING & MISCELLANEOUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
W	30	B1-365	PASSENGER WARNING SIGNS

UPPER EPC, LIGHTS - LEFT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
K	23	B1-366	PASSENGER WARNING SIGNS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 407, 408, 411, 880

- (3) Move galley unit into position and align unit with seat track attachments.
- (4) Position galley unit about eight inches (203.2 mm) from fuselage sidewall; then, connect electrical power connector.
- (5) Install seat track attachments securing galley unit to cabin floor.
- (6) Move galley unit into position, align with seat tracks and install seat track attachments.
- (7) If required, use AN970 washer-type shims to adjust or level galley unit. Maximum height of shims at any one attachment should not exceed 3/16-inch.
- (8) Secure ceiling attachment to panel at top of galley unit.
- (9) Apply 1/8-inch bead of Pro-Seal 735 sealant around bottom edge of galley unit, at floor line.
- (10) If removed, install galley unit No. 4. (PAGEBLOCK 25-34-00/201)
- (11) Install trim to edges of galley unit.

EFFECTIVITY

WJE 401-404, 407, 408, 411, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-880, 886, 887, 891

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WJE 407, 408, 411

- (12) Remove the safety tags and close these circuit breakers:

EPC CBP, GENERATOR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-885	AFT GALLEY POWER PHASE A
		B1-884	AFT GALLEY POWER PHASE B
		B1-883	AFT GALLEY POWER PHASE C

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, DC AIR CONDITIONING & MISCELLANEOUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
W	30	B1-365	PASSENGER WARNING SIGNS

UPPER EPC, LIGHTS - LEFT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
K	23	B1-366	PASSENGER WARNING SIGNS

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
L	4	B1-121	GALLEY CONTROL

WJE 407, 408, 411, 880

- (13) Check galley electrical equipment for proper operation.

NOTE: Ground power must be supplied to aircraft for performance of test. Ground control relay must be in GROUND position and galley switch on overhead switch panel must be in ON position.

- (14) Install all inserts and other equipment previously removed from galley.

EFFECTIVITY

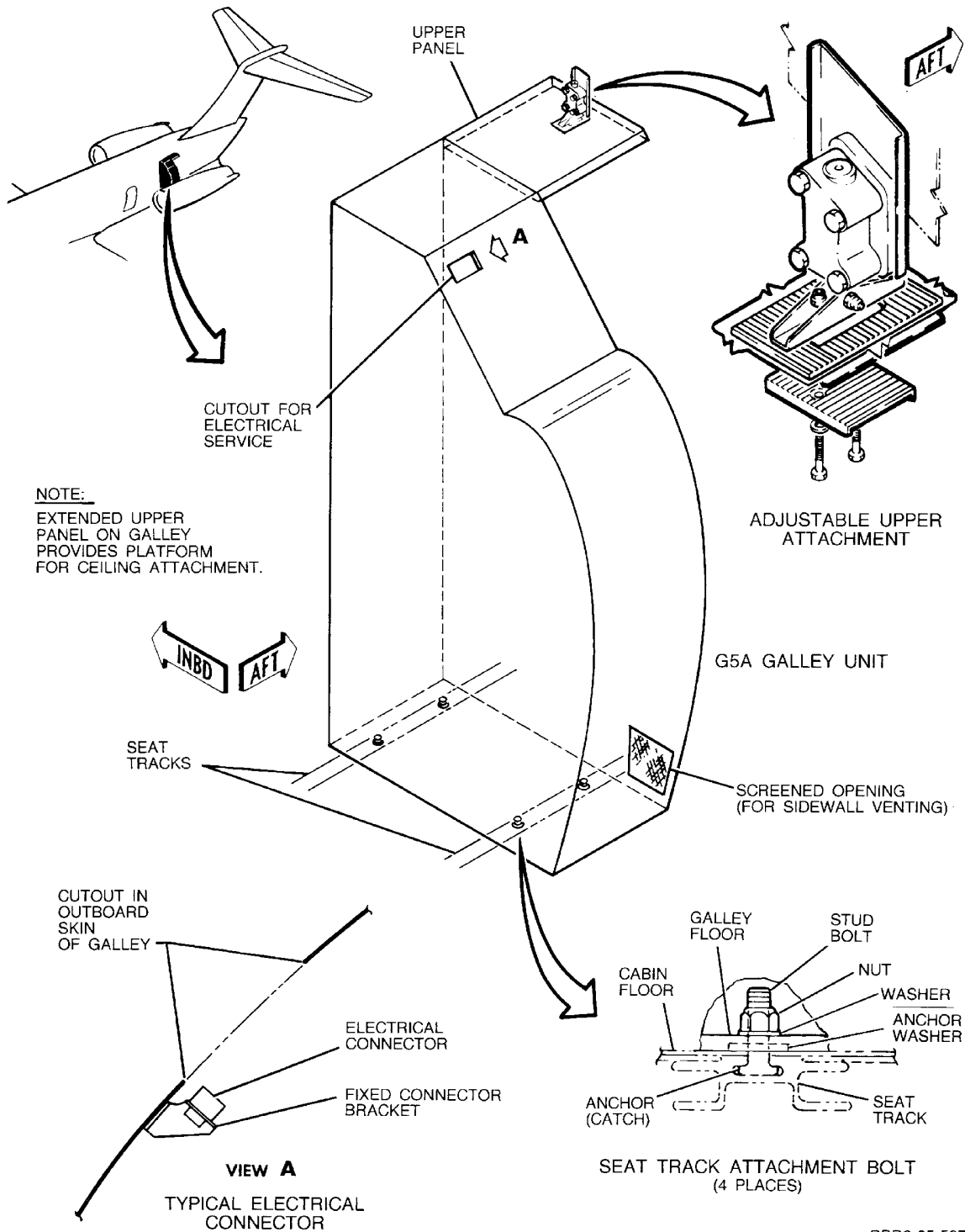
WJE 401-404, 407, 408, 411, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-880, 886, 887, 891

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AIRCRAFT MAINTENANCE MANUAL



BBB2-25-597

G5A Galley Installation
Figure 202/25-35-00-990-804

EFFECTIVITY
WJE 407, 408, 411, 880

TP-80MM-WJE

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**MD-80
AIRCRAFT MAINTENANCE MANUAL
G6 GALLEY - MAINTENANCE PRACTICES**

1. General

WJE 405, 407-411, 880, 881, 883, 884

- A. The G6 galley unit is located just forward of the aft lavatory on the left side of the passenger compartment. The galley unit is not normally removed except to facilitate structural inspection, change in aircraft configuration, or repair (Figure 201).

WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868

- B. The G6 galley unit is located aft of the G5 galley unit on the left side of the passenger compartment. The galley unit is not normally removed except to facilitate structural inspection, change in aircraft configuration, or repair (Figure 201).

WJE 405, 407-411, 415, 417, 419, 421-423, 425, 427, 861-866, 868, 880, 881, 883, 884

2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed items:

NOTE: Some materials in the Equipment and Materials list may not be permitted to be used in your location. Persons in each location must make sure they are permitted to use these materials. All persons must obey all applicable federal, state, local, and provincial regulations for their location.

Table 201

Name and Number	Manufacturer
Sealant, Pro-Seal 735	Coast Pro-Seal & Mfg. Co. Los Angeles, CA
Shims, washer type AN970	

3. Removal/Installation G6 Galley

- A. Remove Galley

- (1) Remove all inserts and other removable equipment to provide access to galley attachments.
- (2) Remove trim from edges of galley unit.

WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868

- (3) Remove ceiling attachment from top of galley unit.

WJE 405, 407-411, 415, 417, 419, 421-423, 425, 427, 861-866, 868, 880, 881, 883, 884

- (4) Remove attachments securing galley to cabin floor and seat tracks.
- (5) Break seal at floor line, and move galley unit out from fuselage sidewall.

WJE 405, 407-411, 880, 881, 883, 884

- (6) Separate galley unit into forward and aft sections by removing section attachment screws.

WJE 405, 407-411, 415, 417, 419, 421-423, 425, 427, 861-866, 868, 880, 881, 883, 884

- (7) Remove galley unit from aircraft.

WJE 405, 407-411, 880, 881, 883, 884

- (8) Remove galley sections from aircraft.

WJE 405, 407-411, 415, 417, 419, 421-423, 425, 427, 861-866, 868, 880, 881, 883, 884

- B. Install Galley

EFFECTIVITY

WJE 405, 407-411, 415, 417, 419, 421-423, 425, 427, 861-866, 868, 880, 881, 883, 884

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WJE 405, 407-411, 880, 881, 883, 884

- (1) Move galley sections into aircraft and connect forward and aft sections of galley unit with section attachment screws.

WJE 405, 407-411, 415, 417, 419, 421-423, 425, 427, 861-866, 868, 880, 881, 883, 884

- (2) Move galley unit into position and align unit with seat track attachments.

WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868

- (3) Install attachments securing galley unit to cabin floor and seat tracks.

WJE 405, 407-411, 880, 881, 883, 884

- (4) Install attachments securing galley unit to seat tracks.

WJE 405, 407-411, 415, 417, 419, 421-423, 425, 427, 861-866, 868, 880, 881, 883, 884

- (5) If required, use AN970 washer-type shims to adjust or level galley unit. Maximum height of shims at any one attachment should not exceed 3/16-inch.
- (6) Secure ceiling attachment at top of galley unit.
- (7) Apply 1/8-inch bead of Pro-Seal 735 sealant around bottom edge of galley unit, at floor line.
- (8) Install trim to edges of galley unit.
- (9) Install all inserts and other equipment previously removed from galley.

EFFECTIVITY

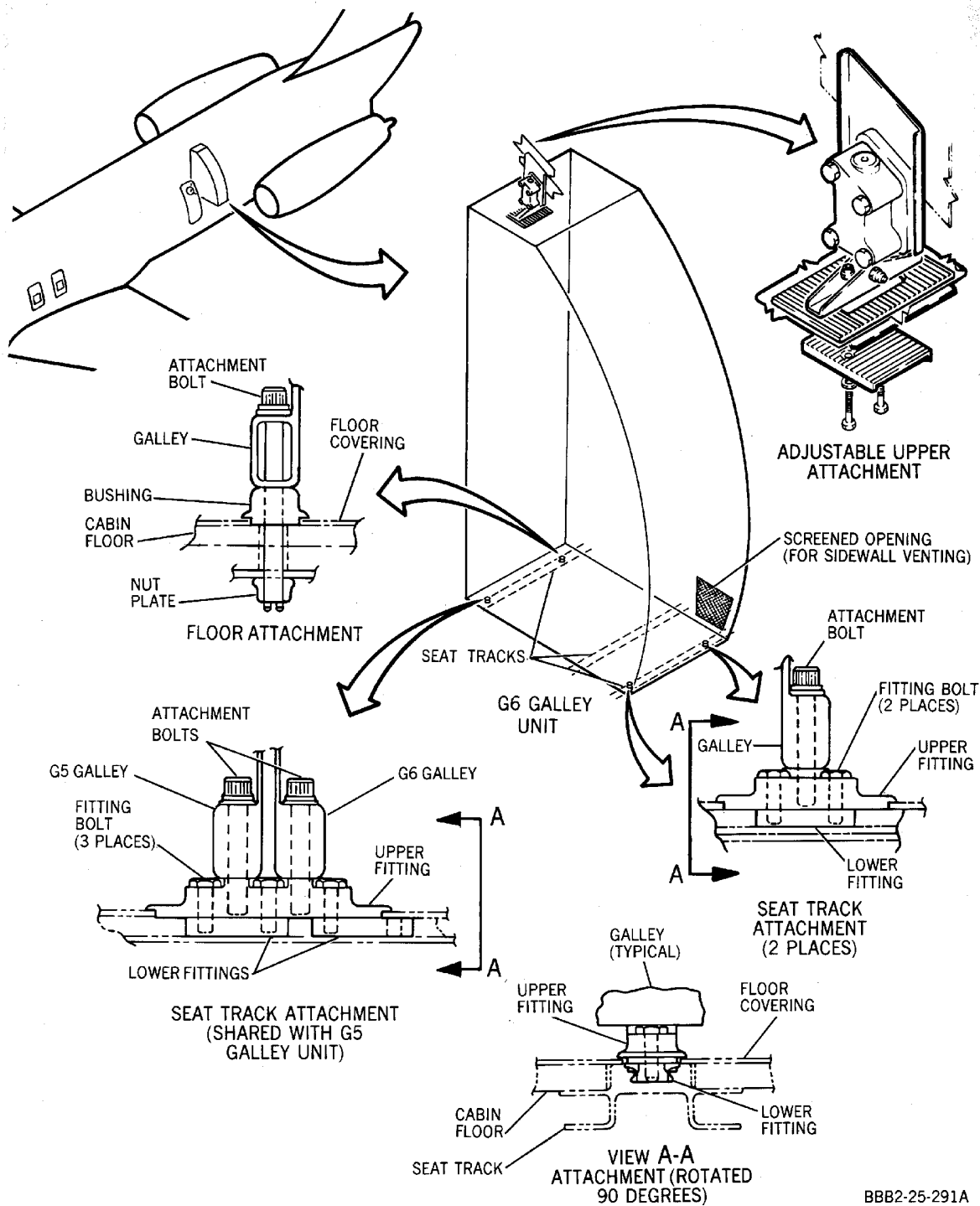
WJE 405, 407-411, 415, 417, 419, 421-423, 425, 427,
861-866, 868, 880, 881, 883, 884

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BBB2-25-291A

G6 Galley Installation
Figure 201/25-36-00-990-802 (Sheet 1 of 2)

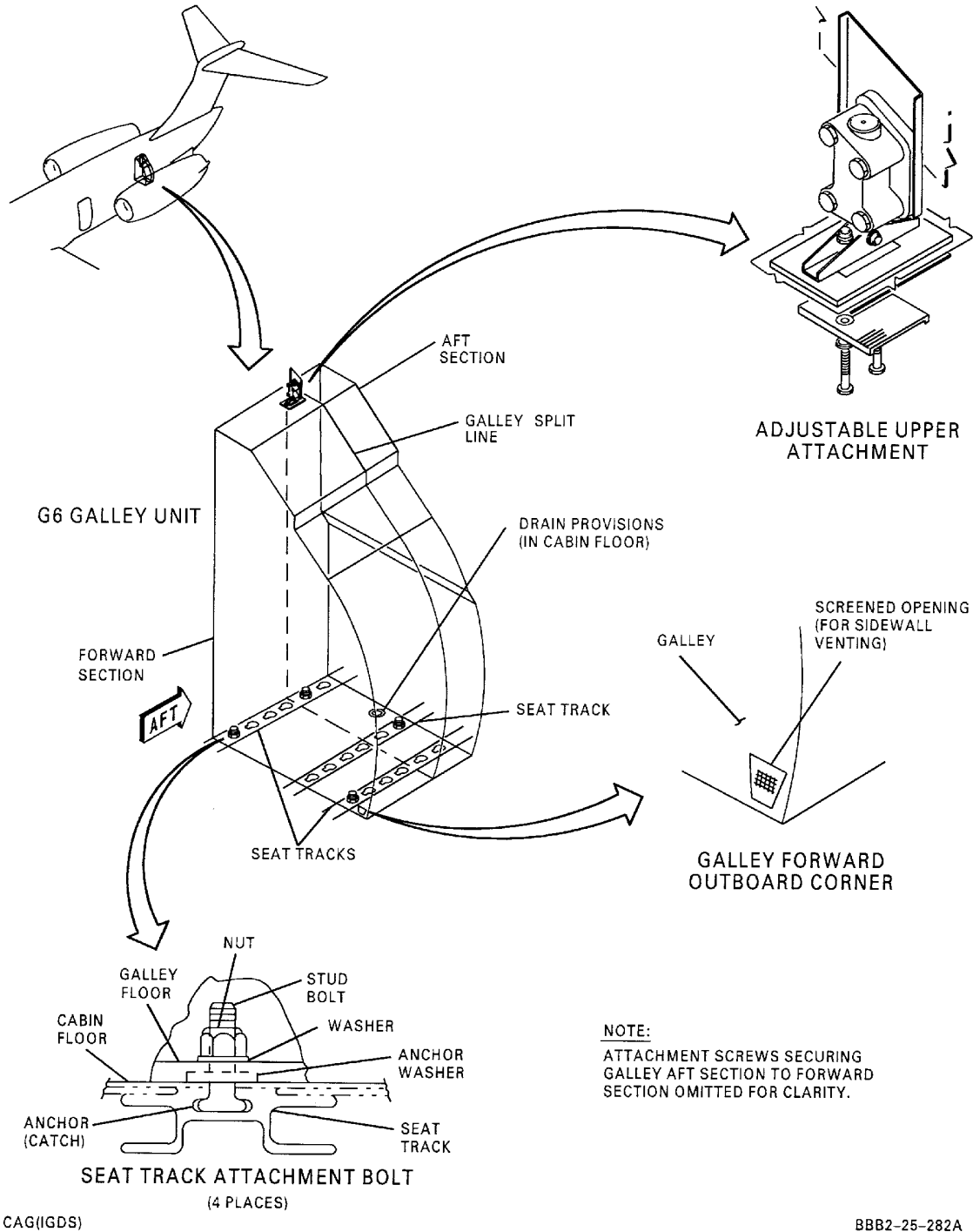
EFFECTIVITY
WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868

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G6 Galley Installation
Figure 201/25-36-00-990-802 (Sheet 2 of 2)

EFFECTIVITY
WJE 405, 407-411, 880, 881, 883, 884

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G7 AND G7A GALLEYS - MAINTENANCE PRACTICES

1. General

- A. The G7 and G7A galley units are located forward of the aft lavatory on the left side of the passenger compartment. The galley units are not normally removed except to facilitate structural inspection, change in aircraft configuration, or repair (Figure 201).

2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed items:

NOTE: Some materials in the Equipment and Materials list may not be permitted to be used in your location. Persons in each location must make sure they are permitted to use these materials. All persons must obey all applicable federal, state, local, and provincial regulations for their location.

Table 201

Name and Number	Manufacturer
Sealant, Pro-Seal 735	Coast Pro-Seal & Mfg. Co. Los Angeles, CA
Shims, washer type AN970	

3. Removal/Installation G7 and G7A Galleys

- A. Remove G7 Galley (Figure 201)
- (1) Remove all inserts and other removable equipment to provide access to galley attachments.
 - (2) Remove trim from edges of galley unit.
 - (3) Remove ceiling attachment from top of galley unit.
 - (4) Remove attachments securing galley to cabin floor and seat tracks.
 - (5) Break seal at floor line, and move galley unit out from fuselage sidewall.
 - (6) Remove galley unit from aircraft.
- B. Install G7 Galley (Figure 201)
- (1) Move galley unit into position and align unit with seat track attachments.
 - (2) Install attachments securing galley unit to cabin floor and seat tracks.
 - (3) If required, use AN970 washer-type shims to adjust or level galley unit. Maximum height of shims at any one attachment should not exceed 3/16-inch.
 - (4) Secure ceiling attachment at top of galley unit.
 - (5) Apply 1/8-inch bead of Pro-Seal 735 sealant around bottom edge of galley unit, at floor line.
 - (6) Install trim to edges of galley unit.
 - (7) Install all inserts and other equipment previously removed from galley.
- C. Remove G7A Galley (Figure 202)
- (1) Remove all inserts and other removable equipment to lighten weight of galley unit and to provide access to galley attachments.
 - (2) Remove trim from edges of galley unit.
 - (3) Remove ceiling attachment from top of galley unit and secure upper attachment to aircraft structure in ceiling.
 - (4) Remove seat track attachments securing galley to cabin floor.
 - (5) Break seal at floor line, and move galley unit out from fuselage sidewall.
 - (6) Remove galley unit from aircraft.

EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

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D. Install G7A Galley (Figure 202)

- (1) Move galley unit into position and align unit with seat track attachments.
- (2) Install seat track attachments securing galley unit to cabin floor.
- (3) If required, use AN970 washer-type shims to adjust or level galley unit. Maximum height of shims at any one attachment should not exceed 3/16-inch.
- (4) Remove upper attachment from stowed position in ceiling and secure attachment to top of galley unit.
- (5) Apply 1/8-inch bead of Pro-Seal 735 sealant around bottom edge of galley unit, at floor line.
- (6) Install trim to edges of galley unit.
- (7) Install all inserts and other equipment previously removed from galley.

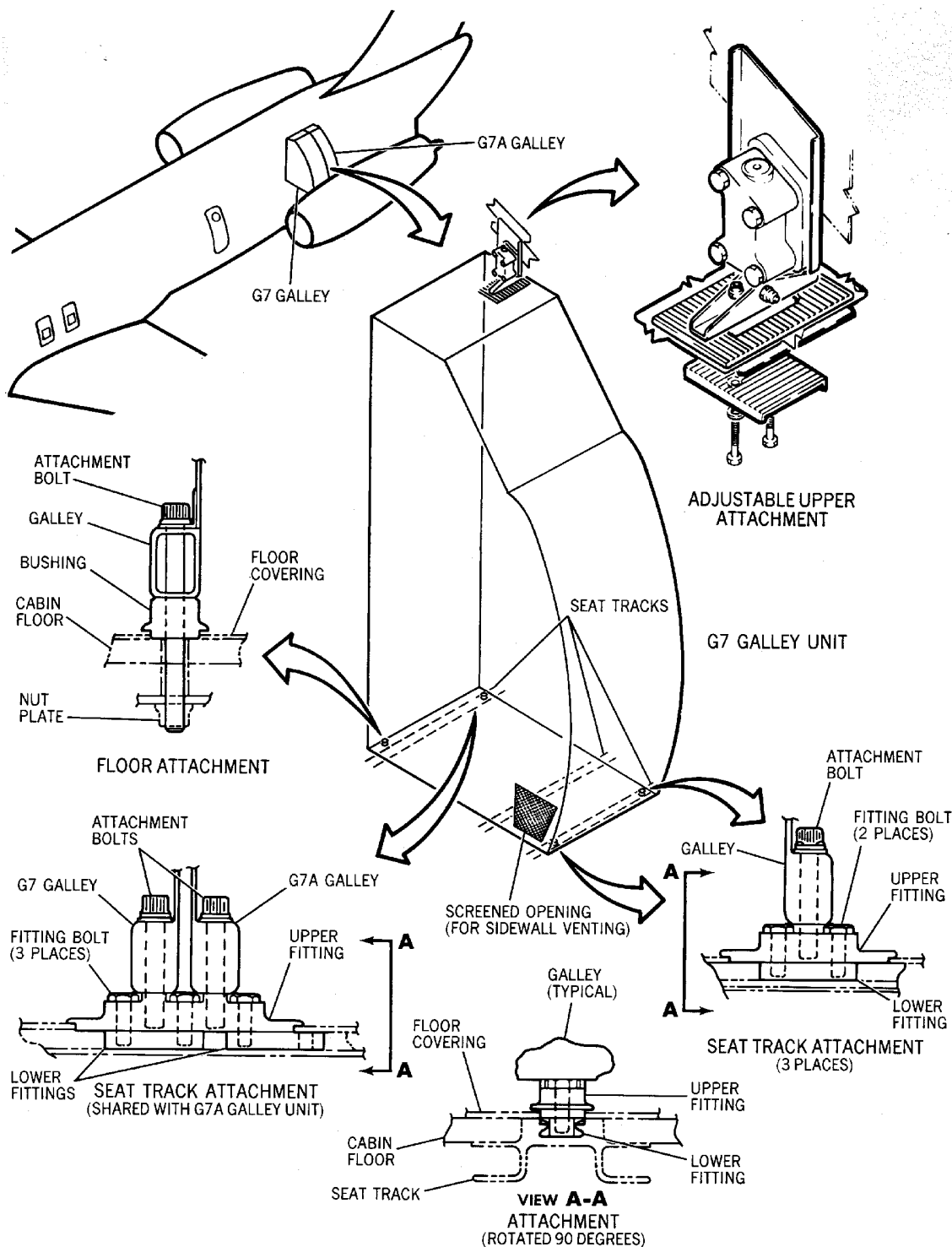
EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

TP-80MM-WJE

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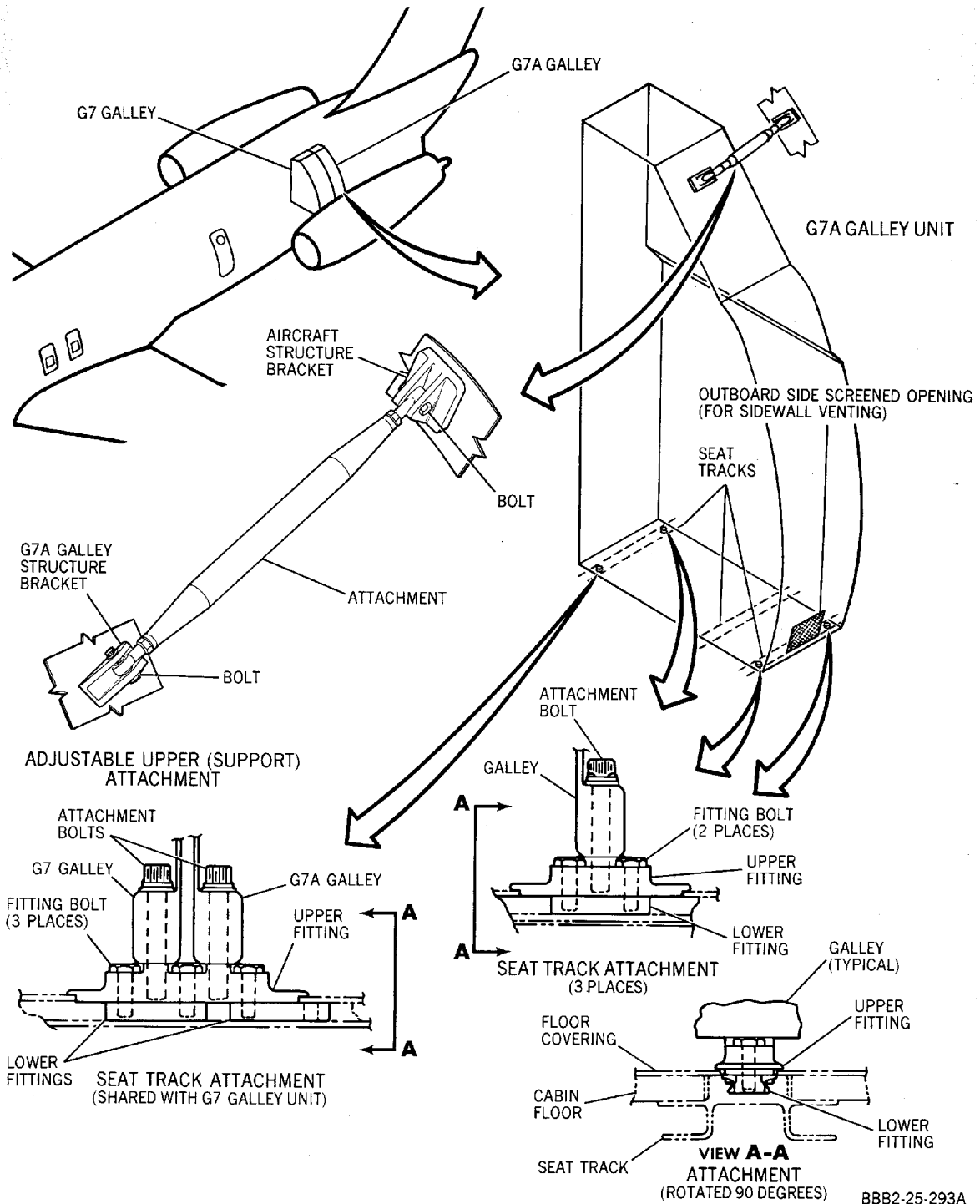
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G7 Galley Installation
Figure 201/25-37-00-990-801

EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

25-37-00

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G7A Galley Installation
Figure 202/25-37-00-990-802

EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

25-37-00

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G8 GALLEY - MAINTENANCE PRACTICES

1. General

- A. The G8 galley unit is located in the aft end of the passenger compartment on the right side of the cabin, just forward of the aft coatroom/stowage unit. The galley unit is not normally removed except to facilitate structural inspection, change in aircraft configuration, or repair (Figure 201).

2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed items:

NOTE: Some materials in the Equipment and Materials list may not be permitted to be used in your location. Persons in each location must make sure they are permitted to use these materials. All persons must obey all applicable federal, state, local, and provincial regulations for their location.

Table 201

Name and Number	Manufacturer
Sealant, Pro-Seal 735	Coast Pro-Seal & Mfg. Co. Los Angeles, CA
Shims, washer type AN970	

3. Removal/Installation G8 Galley

A. Remove Galley

- (1) Remove all inserts and other removable equipment to provide access to galley attachments.
- (2) Remove seats as required from forward side of galley unit (PAGEBLOCK 25-23-00/201).
- (3) Remove attachment bolts (6 places) securing doghouse-type stowage compartment to forward side of galley unit. Remove doghouse drawer for access to attachment bolts; then, remove doghouse from aircraft.
- (4) Remove trim from edges of galley unit.
- (5) Remove seat track attachments securing galley to cabin floor.
- (6) Break seal at floor line and move galley unit out from fuselage sidewall.
- (7) Remove galley unit from aircraft.

B. Install Galley

- (1) Move galley unit into position and install seat track attachments securing unit to cabin floor.
- (2) If required, use AN970 washer-type shims to adjust or level galley unit. Maximum height of shims at any one attachment should not exceed 3/16-inch.
- (3) Apply 1/8-inch bead of Pro-Seal 735 sealant around bottom edge of galley unit, at floor line.
- (4) Position and secure doghouse-type stowage compartment to forward side of galley unit with attachment bolts (6 places). Doghouse drawer must be removed temporarily for access to attachment bolts.
- (5) Install trim to edges of galley unit.
- (6) Install seats as required on forward side of galley unit (PAGEBLOCK 25-23-00/201).
- (7) Install all inserts and other equipment previously removed from galley.

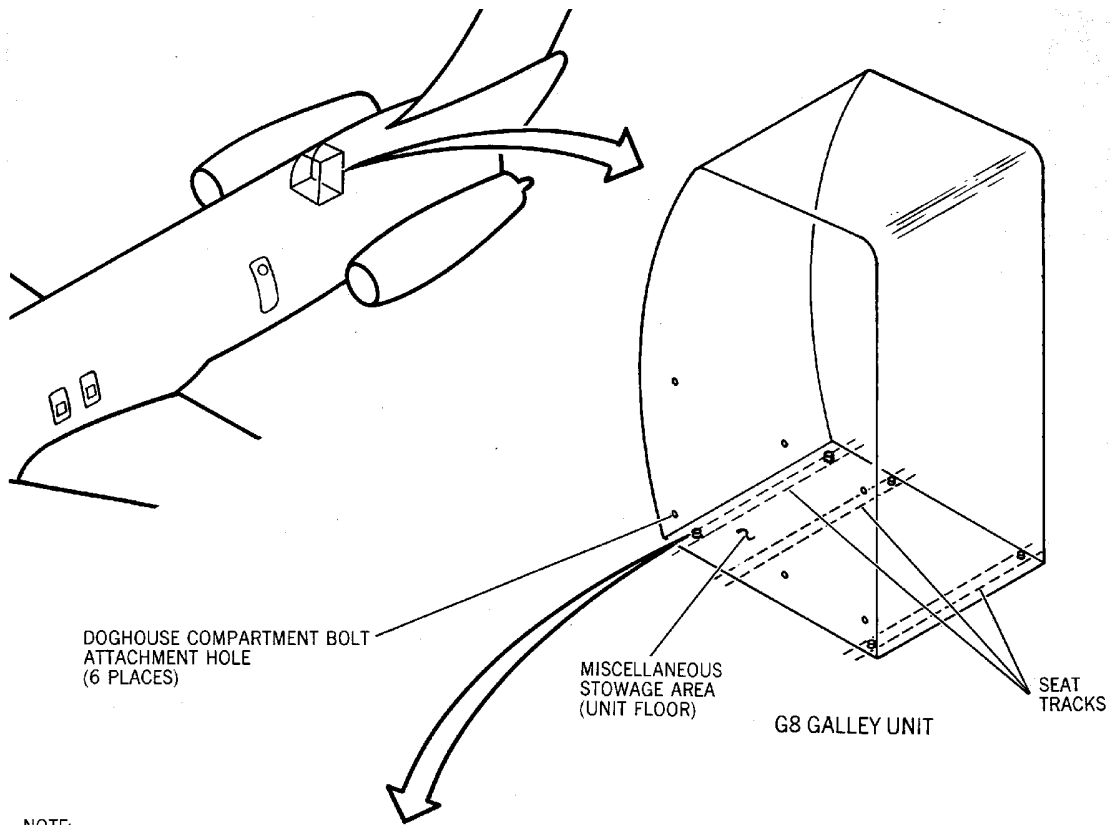
EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

25-38-00

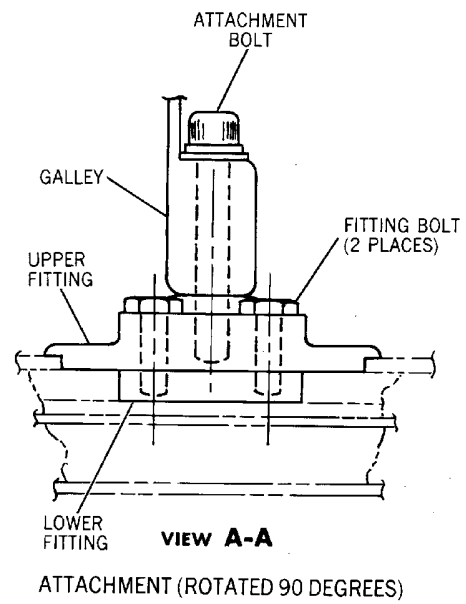
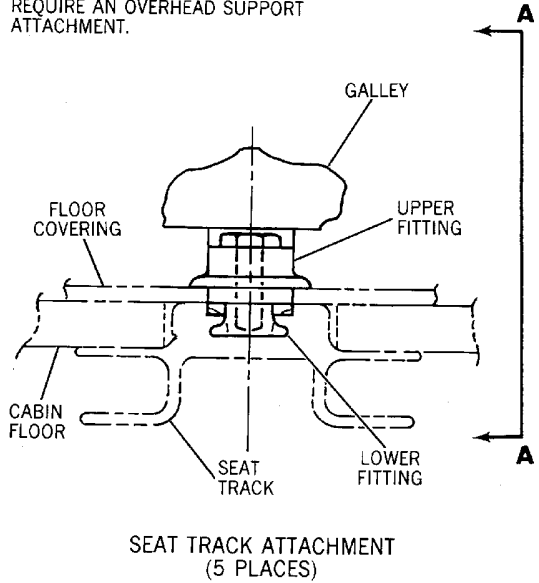
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NOTE:
G8 GALLEY UNIT IS INSTALLED BELOW OVERHEAD SIDEWALL STOWAGE COMPARTMENT. UNIT DOES NOT REQUIRE AN OVERHEAD SUPPORT ATTACHMENT.



BBB2-25-294A

**G8 Galley Installation
Figure 201/25-38-00-990-801**

EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

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LAVATORIES - DESCRIPTION AND OPERATION

1. General

WJE 401-412, 414, 873, 874, 880, 881, 883, 884, 892, 893

- A. Three modular-type lavatories are located in the passenger compartment, one in the forward left end just aft of the galley complex at the passenger forward entrance door and two in the aft end against the compartment pressure bulkhead.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- B. Three modular-type lavatories are located in the passenger compartment, one in the forward left end just aft of the galley complex at the passenger forward entrance door and two in the aft end against the compartment pressure bulkhead.

WJE 886, 887

- C. Three modular-type lavatories are located in the passenger compartment, aft of the coatroom at the passenger forward entrance door and two in the aft end against the compartment pressure bulkhead.

WJE 875-879

- D. Two modular-type lavatories are located in the passenger compartment, one on each side of the aisle in the aft end against the compartment pressure bulkhead.

WJE 401-404, 412, 414

- E. LAVATORY OCCUPIED signs are mounted on lavatory and coatroom partitions in locations that are visible from the passenger area.

WJE 405-411, 873, 874, 880, 881, 883, 884, 892, 893

- F. LAVATORY OCCUPIED signs are mounted on lavatory and galley partitions in locations which are visible from the passenger area.

WJE 875-879

- G. LAVATORY OCCUPIED signs are mounted near lavatory and windscreen partitions in locations which are visible from the passenger area.

WJE 886, 887

- H. LAVATORY OCCUPIED signs are mounted on lavatory and coatroom or windscreen partitions in locations which are visible from the passenger area.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- I. LAVATORY OCCUPIED signs are mounted on coatroom and galley partitions in locations which are visible from the passenger area.

WJE 415, 422, 423, 425, 427, 863-866, 868

- (1) A sign is located on the aft side of the left forward lavatory.

WJE 415, 417, 419, 421-423, 425, 427, 861-866, 868

- (2) The signs located on the forward sides of the G4 and G8 galley units are for the aft lavatories.

WJE 416, 418, 420, 424, 426, 429, 869, 871, 872, 891

- (3) The signs located on the forward sides of the G4 galley and the aft coatroom/stowage units are for the aft lavatories.

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WJE ALL

- J. The lavatories are similar except that the right and left installations utilize opposite arrangements and outside contours to fit specific locations. The lavatory toilets are self-contained units and include an integral waste system. A coat hook is installed inside the lavatory and an assist handle is installed on the partition opposite the washstand. (PAGEBLOCK 38-30-00/101)

WJE 405, 406, 409, 410, 873, 874, 881, 883, 884, 892, 893

- K. A sign is located on the aft side of the left forward lavatory. A sign is located on the forward side of the aft right lavatory. The sign located on the forward side of the G3 galley unit is for the aft left lavatory.

WJE 410

- L. All aircraft have a sign located on the aft side of the left forward lavatory. A sign is located on the forward side of the aft coatroom for the aft left lavatory; and a sign is located on the forward side of the aft right lavatory.

WJE 407, 408, 411, 880

- M. A sign is located on the aft side or near the left forward lavatory. A sign is located on the forward side or near the aft right lavatory.

WJE 407, 408, 411

- (1) The sign located on the forward side of the G3 galley unit is for the aft left lavatory.

WJE 407, 408, 411, 880

- (2) The sign located on the forward side of the G4 galley is for the aft left lavatory.

WJE 401-404, 412, 414

- N. A sign is located on the aft side of the left forward lavatory.
(1) A sign is located on the forward side of the G5 galley. The sign located on the forward side of the windscreen at aft galley service door is for the aft left lavatory.

WJE 886, 887

- O. A sign is located on the aft side of the left forward lavatory, on the forward side of the aft service door windscreen for the aft left lavatory, and on the forward side of the aft right coatroom for the aft right lavatory.

WJE ALL

- P. Lights for the signs on all aircraft are actuated by switches on the lavatory door latches.

2. Lavatories

A. Description

- (1) Lavatory - Each lavatory is equipped with a door provided with an internal lock, and contains a flushing-type toilet and shroud, a pullman-type cabinet with a washstand, stowage facilities for miscellaneous equipment, mirror(s), and an outlet for an electric shaver.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (2) Lavatory Door - Each lavatory door is provided with a VACANT/OCCUPIED sign located on the outside just above the door handle. The sign is actuated mechanically by the door bolt from inside the lavatory. The door can be unlocked from the outside by inserting a screwdriver or similar sharp object in the slot provided on the sign, and prying the sign to the VACANT position.

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WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893 (Continued)

- (a) NO SMOKING placards and ashtrays are installed on both the inside and outside of the door.

WJE ALL

- (3) Toilet and Shroud - The toilet, waste holding tank, and connecting lines in each lavatory are supported and enclosed within a removable shroud. The toilet also contains a standard seat and lid. A toilet lid stop is mounted on the partition behind the toilet.
 - (a) Dispensers for toilet seat covers and facial tissue are installed on the lavatory outboard partition adjacent to the toilet seat.

WJE 405-411, 873-881, 883, 884, 886, 887, 892, 893

- (4) Pullman Cabinet - The pullman-type cabinet in each lavatory contains a washstand with a single-control timed faucet, a stainless steel wash basin and accessory tray, stowage compartments for dura-weave face towels and paper towels, a disposal receptacle for used towels (with NO CIGARETTE DISPOSAL signs), an air-sickness bag container, a razor blade disposal container, paper cups, toilet paper, sanitary napkins, and toilet seat covers.

WJE 405, 406, 409, 873, 874, 881, 883, 884, 892, 893

- (a) The pullman cabinet also contains a dispensers for liquid soap.

WJE 407, 408, 410, 411, 875-880, 886, 887

- (b) The pullman cabinet also contains a dispensers for bar soap.

WJE 401-404, 412, 414

- (5) Pullman Cabinet - The pullman-type cabinet in each lavatory contains a washstand with a dual-control timed faucet, a stainless steel wash basin and counter top, stowage compartments for facial tissue and paper towels, a disposal receptacle for used towels (with NO CIGARETTE DISPOSAL signs), an air-sickness bag container, a razor blade disposal container, paper cups, toilet paper, sanitary napkins, and toilet seat covers.
 - (a) The pullman cabinet also contains a dispensers for liquid soap.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (6) Pullman Cabinet - The pullman-type cabinet in each lavatory contains a washstand with a single-control timed faucet, a stainless steel wash basin and accessory tray, stowage compartments for dura-weave face towels and paper towels, a disposal receptacle for used towels (with NO CIGARETTE DISPOSAL signs), an air-sickness bag container, a razor blade disposal container, and dispensers for bar soap or liquid soap, paper cups, toilet paper, sanitary napkins, and toilet seat covers.

WJE 869, 871, 872

- (a) The pullman cabinet also contains a dispensers for liquid soap.

WJE 415-427, 429, 861-866, 868, 891

- (b) The pullman cabinet also contains a dispensers for bar soap.

WJE 405-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (7) Mirrors - Three bronze-tinted wall mirrors are provided in the lavatory. A mirror is installed above the pullman cabinet just above the washstand in each lavatory. A second mirror is installed on the opposite side of the lavatory, across from the washstand. A third mirror is installed between the other two mirrors on the lavatory inboard partition.

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WJE 401-404, 412, 414

- (8) Mirrors - Three wall mirrors are provided in the lavatory. A mirror is installed above the pullman cabinet just above the washstand in each lavatory. A second mirror is installed on the opposite side of the lavatory, across from the washstand. A third mirror is installed between the other two mirrors on the lavatory inboard partition.

WJE 405-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (9) Electric Shaver Outlet - An electric shaver outlet is installed adjacent to the wall mirror in each lavatory. The outlet is placarded to indicate voltage restrictions and will accept a standard household plug.
- (10) Diaper Changing Shelf - A diaper changing shelf is provided in the aft left lavatory.

WJE 401-404, 412, 414

- (11) Smoke Detector - A smoke detector is installed in the ventilation air overflow path of each lavatory. A red light installed outside the lavatory comes on when smoke is present in the lavatory and remains on until the smoke has dissipated.

WJE ALL

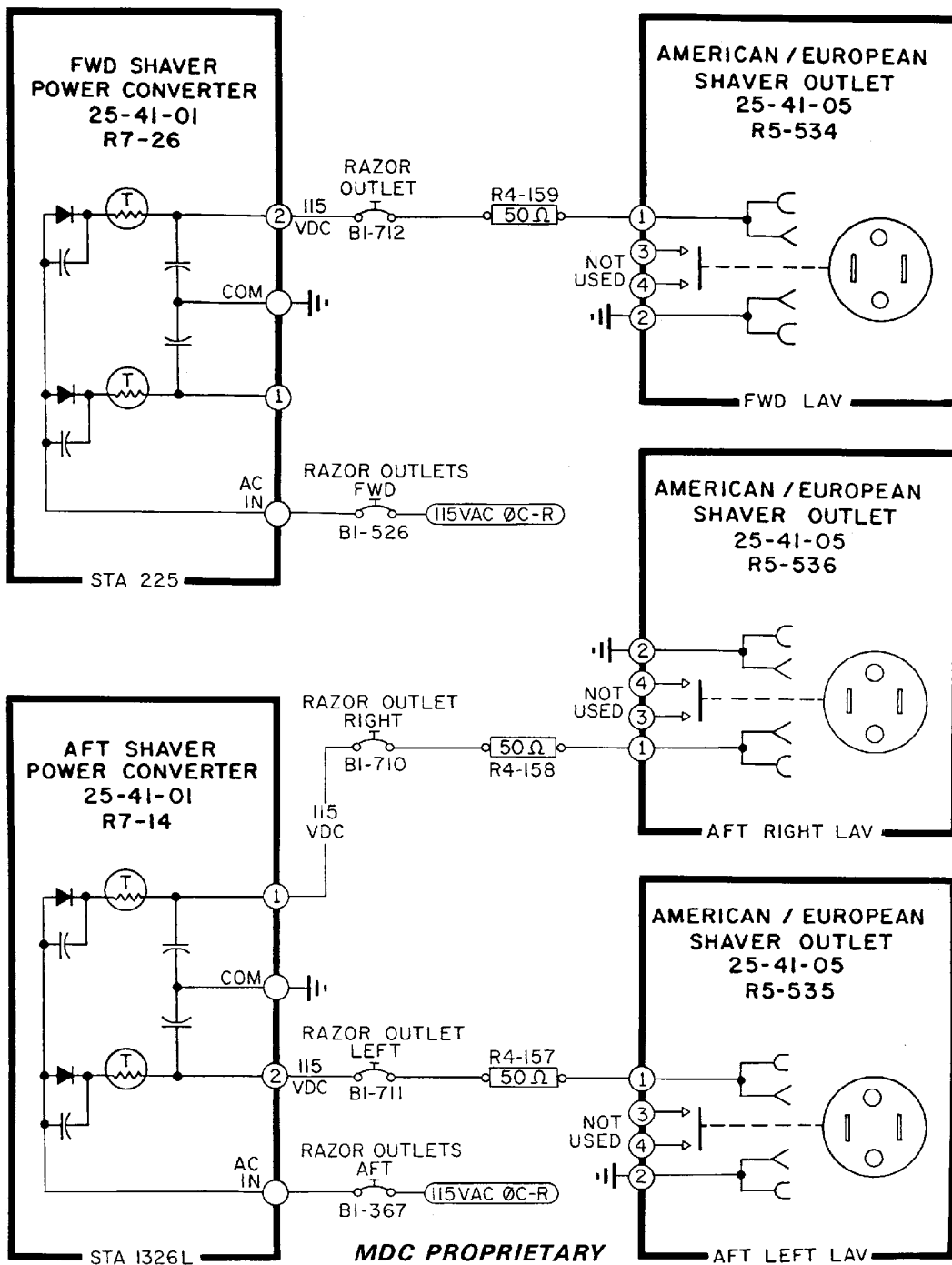
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REFERENCED ATA NUMBERS ARE VALID TO THE THIRD DIGIT.

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Shaver Outlets - Schematic
Figure 1/25-40-00-990-801 (Sheet 1 of 2)

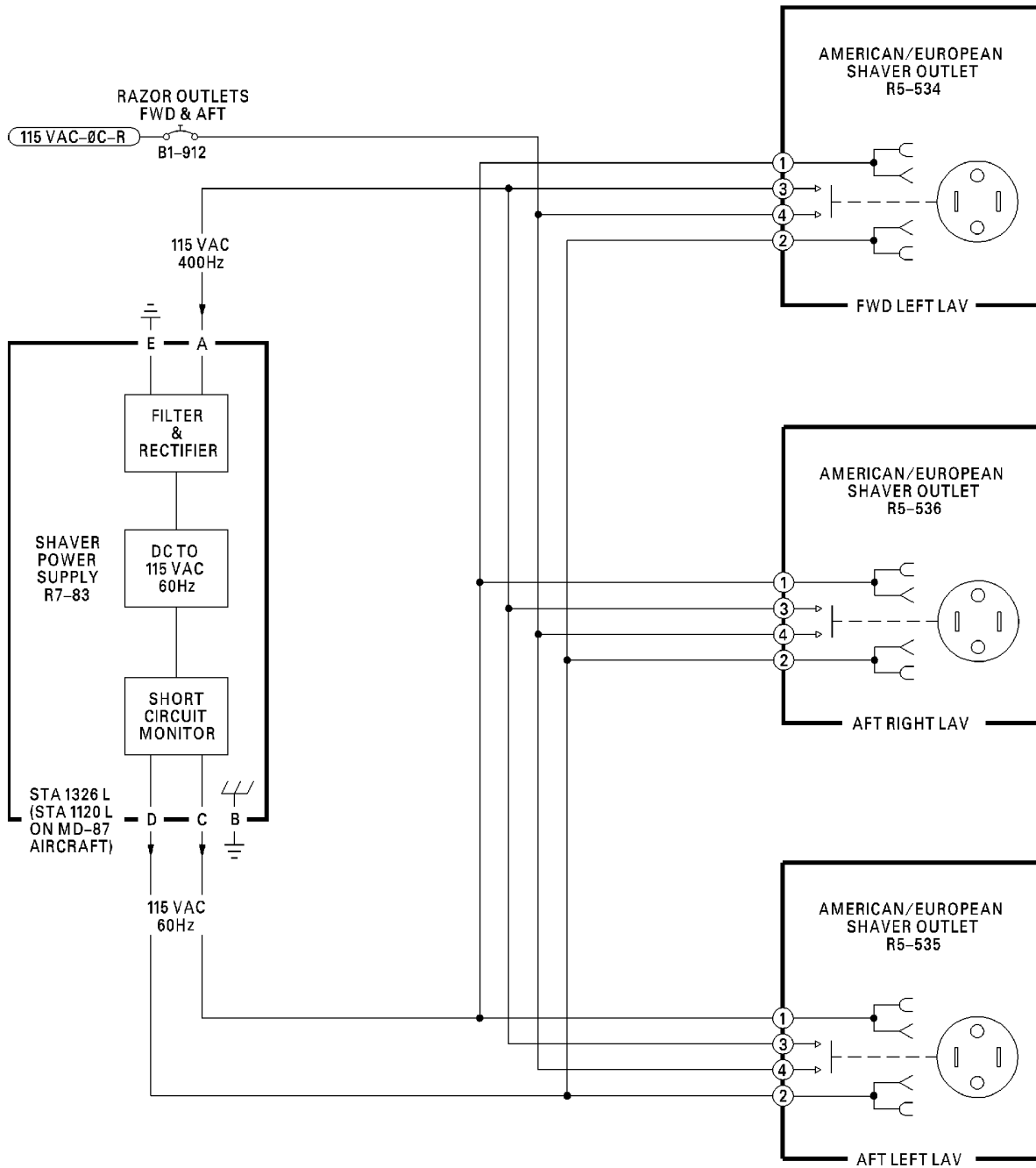
EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

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MDC PROPRIETARY

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Shaver Outlets - Schematic
Figure 1/25-40-00-990-801 (Sheet 2 of 2)

EFFECTIVITY
WJE 405-411, 873, 874, 880, 881, 883, 884, 886, 887,
892, 893

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AFT LAVATORY - MAINTENANCE PRACTICES

1. General

- A. The maintenance practices in this section provide removal/installation instructions for the modular-type aft lavatory (inboard and outboard structures), aft partition mirror, washstand inlet and drain lines, and toilet shroud. (Figure 201)
- B. Maintenance practices for the lavatory water, toilet, and toilet shroud are provided in the chapter on Water/Waste. (WATER FILL/VENT VALVE - MAINTENANCE PRACTICES, PAGEBLOCK 38-11-04/201 and WASTE DISPOSAL, SECTION 38-30,

2. Equipment and Materials

NOTE: Equivalent substitutes may be used in place of following item.

NOTE: Some materials in the Equipment and Materials list may not be permitted to be used in your location. Persons in each location must make sure they are permitted to use these materials. All persons must obey all applicable federal, state, local, and provincial regulations for their location.

Table 201

Name and Number	Manufacturer
Sealant, Pro-Seal 735	Coast Pro-Seal and Mfg. Co. Los Angeles, Calif.
Tape, pressure sensitive (Scotch 425)	Minnesota Mining & Mfg. Co. Los Angeles, Calif.

3. Removal/Installation Aft Lavatory

CAUTION: USE CARE WHEN REMOVING AND INSTALLING LAVATORY IN AIRCRAFT TO AVOID DAMAGING LAVATORY OR ADJACENT EQUIPMENT.

- A. Remove Lavatory

NOTE: Open only required circuit breakers for specific lavatory being installed.

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Open these circuit breakers and install safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-376	AFT LEFT LAV MIRROR LIGHTS
		B1-370	AFT LEFT TOILET FLUSHING PHASE A
		B1-371	AFT LEFT TOILET FLUSHING PHASE B
		B1-372	AFT LEFT TOILET FLUSHING PHASE C
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS
		B1-7	AFT RIGHT LAV MIRROR LIGHT
		B1-373	AFT RIGHT TOILET FLUSHING PHASE A
		B1-374	AFT RIGHT TOILET FLUSHING PHASE B
		B1-375	AFT RIGHT TOILET FLUSHING PHASE C

LOWER EPC, AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
X	28	B1-389	LEFT LAVATORY WATER HEATER AFT
Z	28	B1-390	RIGHT AFT LAVATORY WATER HEATER

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LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
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WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

A	8	B10-118	PASSENGER ADDRESS
---	---	---------	-------------------

WJE 410

A	9	B10-118	PASSENGER ADDRESS
---	---	---------	-------------------

UPPER EPC, L AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

WJE 417, 419, 421, 423, 865, 869, 871, 872

K	31	B1-870	PASSENGER OXYGEN RELEASE
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WJE 401-412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873-881, 883, 884, 886, 887, 891-893

K	34	B1-870	PASSENGER OXYGEN RELEASE
---	----	--------	--------------------------

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

L	7	B1-367	RAZOR OUTLETS AFT
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UPPER EPC, R AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

WJE 417, 419, 421, 423, 865, 869, 871, 872

L	31	B1-871	ALTERNATE PASSENGER OXYGEN RELEASE
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WJE 401-412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873-881, 883, 884, 886, 887, 891-893

L	34	B1-871	ALTERNATE PASSENGER OXYGEN RELEASE
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UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

WJE ALL

G	8	B10-65	SERVICE INTERPHONE
---	---	--------	--------------------

- (2) Remove passenger seats from forward side of lavatory as required. (PAGEBLOCK 25-23-00/201)
- (3) Remove waste container from below sink. Latch secures container in position.
- (4) Remove toilet shroud by removing screws (4 places), two on each side of toilet seat; then, lift and rotate shroud from toilet tank. Rotate shroud clockwise on left lavatory and counterclockwise on right lavatory when removing shroud. Toilet seat remains with shroud.
- (5) Remove aft partition mirror as follows:
 - (a) Remove graphic retainer strip below mirror. Use keyhole slots to slide retainer outboard for removal. (Figure 201)
 - (b) Remove screws (2 places) at bottom of mirror.

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- (c) Lift and remove mirror from support hook on aft lavatory.
- (6) Remove snap-on header trim from top of lavatory.
- (7) If required, remove toilet tank from lavatory. (WASTE DISPOSAL, SECTION 38-30)
- (8) Disconnect and remove flush timer and bracket from lavatory lower aft partition. Screws (2 places) secure timer to lavatory. (Figure 201)
- (9) Disconnect sink drain line at toilet tank. (On aircraft with overboard drain line installed, disconnect drain line at floor level under sink.) (Figure 201)
- (10) Unlatch access door/speaker panel in open position at lavatory ceiling.
- (11) Remove oxygen unit box and disconnect unit electrical connector at top of lavatory.
- (12) Disconnect electrical connectors, air hoses and water lines as follows: (Figure 201)
 - (a) Disconnect electrical connectors from bracket at top of lavatory; then, remove screws (4 places) securing bracket to lavatory.
NOTE: On left lavatory only, electrical connector for cabin attendant panel is also provided on bracket at top of lavatory.
 - (b) Loosen clamp and remove upper cold air hose from aircraft cold air system; then, disconnect lower cold air hose from lavatory cold air line.
 - (c) Disconnect water inlet hose under sink from inlet line at floor level. (Figure 201)
- (13) Disconnect upper attachment (overhead support) as follows: (Figure 201)
 - (a) Remove rod attachment bolt securing overhead support rod to upper attachment; then, push rod up into support bracket and retain rod in place with pressure-sensitive tape (across support bracket bore).
 - (b) Disconnect upper attachment plate from inboard structure by removing screws (4 places) from inside lavatory.
- (14) Using quarter-turn fasteners at aft upper lavatory attachments, disconnect outboard structure from inboard structure. (Figure 201)
- (15) Remove washers and bolts (3 places) securing lavatory unit to cabin floor; then, proceed as follows: (Figure 201)
 - (a) Remove under-sink attachment bolts (2 places). (Figure 201)
 - (b) Remove sink wall joint screws (2 places). (Figure 201)
- (16) Remove structure attachment screws securing lavatory outboard structure to inboard structure as follows:
 - (a) Remove attachment screw at upper inboard aft corner of lavatory. (Figure 201)
 - (b) Remove attachment screw on forward upper structure attachment. (Figure 201)
 - (c) Remove aft partition attachment screws (2 places) on upper side of pullman cabinet. (Figure 201).
 - (d) Remove attachment screws (3 places) from inside of forward partition.
- (17) Break seal at floor line and move lavatory inboard structure toward aisle and remove from aircraft; then, remove outboard structure from aircraft.
- (18) Retain overhead support rod (including upper lavatory attachment plates) with lavatory inboard structure; then, remove lavatory and lavatory module equipment from aircraft. Retain equipment as required for installation.

B. Install Lavatory

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- (1) Prepare lavatory for installation as follows:

NOTE: Lavatory must be separated into inboard and outboard structures prior to moving unit and unit components into aircraft, in preparation for installation. If lavatory is disassembled and positioned inside aircraft, proceed with step Paragraph 3.B.(2) below. (Figure 201)

- (a) Depress latch at upper edge of unit waste container and remove container from lavatory.
- (b) Remove screws (4 places) from unit toilet shroud; then, lift and remove shroud from lavatory. Rotate shroud clockwise on left lavatory and counterclockwise on right lavatory when removing shroud.
- (c) Remove graphic retainer strip below aft partition mirror for access to mirror screws.
- (d) Remove retaining screws (2 places) at bottom of mirror and lift mirror free from upper support hook.
- (e) Remove screws (2 places) and remove flush timer and mounting plate adjacent to toilet tank. (Figure 201))
- (f) Before opening ceiling access door, remove screw at upper inboard aft corner of lavatory. (Figure 201))
- (g) Release quarter-turn fasteners (2 places) at ceiling aft upper structure attachment (near ceiling access door) and open access door into lavatory inboard structure; then, disconnect and lower oxygen unit box inside lavatory. (Figure 201))
- (h) At lavatory upper attachment, remove screws (4 places) from inside lavatory to separate attachment plate from inboard structure. (Figure 201)
- (i) Remove electrical connector bracket from top of lavatory by removing screws (4 places) and pull bracket inside lavatory unit. (Figure 201)
- (j) On aft inside sink wall joints at lower side of lavatory counter, remove screws (2 places) and bolts (2 places) under sink. In addition, remove screws (2 places) under counter. (Figure 201)
- (k) On upper side of counter, remove screws (2 places) and trim at right side of sink; then, remove screws (4 places) from attachment brackets in mirror area. (Figure 201)
- (l) At forward inside side wall joint of lavatory, remove screws (3 places) on trim. Remove trim.
- (m) Remove screw from ceiling forward upper structure attachment; then, separate lavatory into inboard and outboard structures. (Figure 201)
- (n) Open speaker panel/access door into lavatory inboard structure.
- (o) Move lavatory inboard and outboard structures, and lavatory equipment into aircraft as required.

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (2) Make sure that these circuit breakers are open and have safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-376	AFT LEFT LAV MIRROR LIGHTS
		B1-370	AFT LEFT TOILET FLUSHING PHASE A
		B1-371	AFT LEFT TOILET FLUSHING PHASE B

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(Continued)

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-372	AFT LEFT TOILET FLUSHING PHASE C
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS
		B1-7	AFT RIGHT LAV MIRROR LIGHT
		B1-373	AFT RIGHT TOILET FLUSHING PHASE A
		B1-374	AFT RIGHT TOILET FLUSHING PHASE B
		B1-375	AFT RIGHT TOILET FLUSHING PHASE C

LOWER EPC, AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
X	28	B1-389	LEFT LAVATORY WATER HEATER AFT
Z	28	B1-390	RIGHT AFT LAVATORY WATER HEATER

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893			
A	8	B10-118	PASSENGER ADDRESS
WJE 410			
A	9	B10-118	PASSENGER ADDRESS

UPPER EPC, L AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 417, 419, 421, 423, 865, 869, 871, 872			
K	31	B1-870	PASSENGER OXYGEN RELEASE
WJE 401-412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873-881, 883, 884, 886, 887, 891-893			
K	34	B1-870	PASSENGER OXYGEN RELEASE

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891			
L	7	B1-367	RAZOR OUTLETS AFT

UPPER EPC, R AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 417, 419, 421, 423, 865, 869, 871, 872			
L	31	B1-871	ALTERNATE PASSENGER OXYGEN RELEASE
WJE 401-412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873-881, 883, 884, 886, 887, 891-893			
L	34	B1-871	ALTERNATE PASSENGER OXYGEN RELEASE

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WJE ALL

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WJE 401-412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873-881, 883, 884, 886, 887, 891-893
(Continued)

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
------------	------------	---------------	-------------

WJE ALL

G	8	B10-65	SERVICE INTERPHONE
---	---	--------	--------------------

- (3) Move lavatory outboard structure into approximate position near aircraft sidewall.
- (4) Temporarily secure lavatory overhead support rod in support bracket with pressure-sensitive tape so that lavatory inboard and outboard structures can be positioned during installation. (Figure 201)
- (5) Position lavatory inboard structure against outboard structure and proceed as follows:
 - (a) Using quarter-turn fasteners at aft upper lavatory attachments, secure outboard structure to inboard structure at ceiling. (Figure 201)
 - (b) Install washers and bolts (3 places) and secure lavatory to cabin floor. (Figure 201)
 - (c) Install sink wall joint screws (2 places).
 - (d) Install under sink attachment bolts (2 places). (Figure 201)
- (6) Install structure attachment screws at partition joints and secure outboard structure to inboard structure as follows:
 - (a) Install attachment screws (3 places) on inside of forward partition. (Figure 201)
 - (b) Install aft partition attachment screws (2 places) on upper side of pullman cabinet.
 - (c) Install attachment screw on forward upper structure attachment. (Figure 201)
 - (d) Install attachment screw at upper inboard aft corner of lavatory. (Figure 201)
- (7) Install, adjust, and secure upper attachment as follows: (Figure 201)
 - (a) Install upper attachment plate to inboard structure with screws (4 places) to secure inboard structure to outboard structure.
 - (b) Remove pressure-sensitive tape from support bracket bore; then, position and secure overhead support to upper attachment plate with rod attachment bolt.
 - (c) Adjust ceiling attachment so that lavatory is aligned and lavatory door opens and closes properly.
- (8) Install lavatory electrical connectors, air hoses, and water lines as follows:
 - (a) Install electrical connector bracket to top of lavatory and secure bracket with screws (4 places). Connect electrical connectors to bracket. (Figure 201)

NOTE: Make sure there is a minimum clearance of 0.5 in. (12.7 mm) between the electrical wires and the structure. (Figure 202)

NOTE: On left lavatory only, electrical connector for cabin attendant panel is also provided on bracket at top of lavatory.
 - (b) Install upper cold air hose to aircraft cold air system with clamp; then, clamp lower cold air hose to lavatory cold air line.
 - (c) Install water inlet hose under sink to inlet line at floor level. (Figure 201)
- (9) Install oxygen unit box and connect unit electrical connector at top of lavatory as required.
- (10) Latch access door/speaker panel in closed position at lavatory ceiling.
- (11) Install snap-on header trim at top of lavatory.

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- (12) If removed, install toilet tank. (WASTE DISPOSAL, SECTION 38-30)
- (13) Connect sink drain line at toilet tank. (On aircraft with overboard drain line installed, drain line connection is at floor level under sink.) (Figure 201)
- (14) Install flush timer and bracket to lavatory lower aft partition with screws (2 places) and check that timer is electrically connected to toilet tank. (Figure 201)
- (15) Apply 1/8 in. (3 mm) bead of Pro-Seal 735 sealant around bottom edge of lavatory unit, at floor level as required.
- (16) Install passenger seats on forward side of lavatory as required. (PAGEBLOCK 25-23-00/201)
- (17) Install toilet shroud by lowering shroud onto retainers on each side of toilet seat. Lower and rotate shroud counterclockwise for left lavatory and clockwise for right lavatory during installation. Secure shroud to lavatory with screws (4 places).
- (18) Check that toilet seat and cover are secured to lugs on shroud with bolts (2 places).
- (19) Install aft partition mirror as follows:
 - (a) Lift and attach mirror to upper support hook on aft partition of lavatory. (Figure 201)
 - (b) Secure screws (2 places) at bottom of mirror.
 - (c) Install graphic retainer strip below mirror to cover retaining screws. Use keyhole slots to slide strip retainer inboard into desired position.
- (20) Install waste container below sink. Latch secures container in position under lavatory sink.
- (21) Remove the safety tags and close these circuit breakers:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-376	AFT LEFT LAV MIRROR LIGHTS
		B1-370	AFT LEFT TOILET FLUSHING PHASE A
		B1-371	AFT LEFT TOILET FLUSHING PHASE B
		B1-372	AFT LEFT TOILET FLUSHING PHASE C
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS
		B1-7	AFT RIGHT LAV MIRROR LIGHT
		B1-373	AFT RIGHT TOILET FLUSHING PHASE A
		B1-374	AFT RIGHT TOILET FLUSHING PHASE B
		B1-375	AFT RIGHT TOILET FLUSHING PHASE C

LOWER EPC, AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
X	28	B1-389	LEFT LAVATORY WATER HEATER AFT
Z	28	B1-390	RIGHT AFT LAVATORY WATER HEATER

LOWER EPC, MISCELLANEOUS LEFT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
P	37	B1-8	CALL SYSTEM

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OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893			
A	8	B10-118	PASSENGER ADDRESS
WJE 410			
A	9	B10-118	PASSENGER ADDRESS

UPPER EPC, L AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 417, 419, 421, 423, 865, 869, 871, 872			
K	31	B1-870	PASSENGER OXYGEN RELEASE
WJE 401-412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873-881, 883, 884, 886, 887, 891-893			
K	34	B1-870	PASSENGER OXYGEN RELEASE

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891			
L	7	B1-367	RAZOR OUTLETS AFT

UPPER EPC, R AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 417, 419, 421, 423, 865, 869, 871, 872			
L	31	B1-871	ALTERNATE PASSENGER OXYGEN RELEASE
WJE 401-412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873-881, 883, 884, 886, 887, 891-893			
L	34	B1-871	ALTERNATE PASSENGER OXYGEN RELEASE

UPPER EPC, RIGHT RADIO DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE ALL			
G	8	B10-65	SERVICE INTERPHONE

- (22) Ensure proper operation of toilet flush timer, lavatory lights, oxygen release and speaker function, cold air flow cabin attendant panel (left lavatory only) and razor outlet.

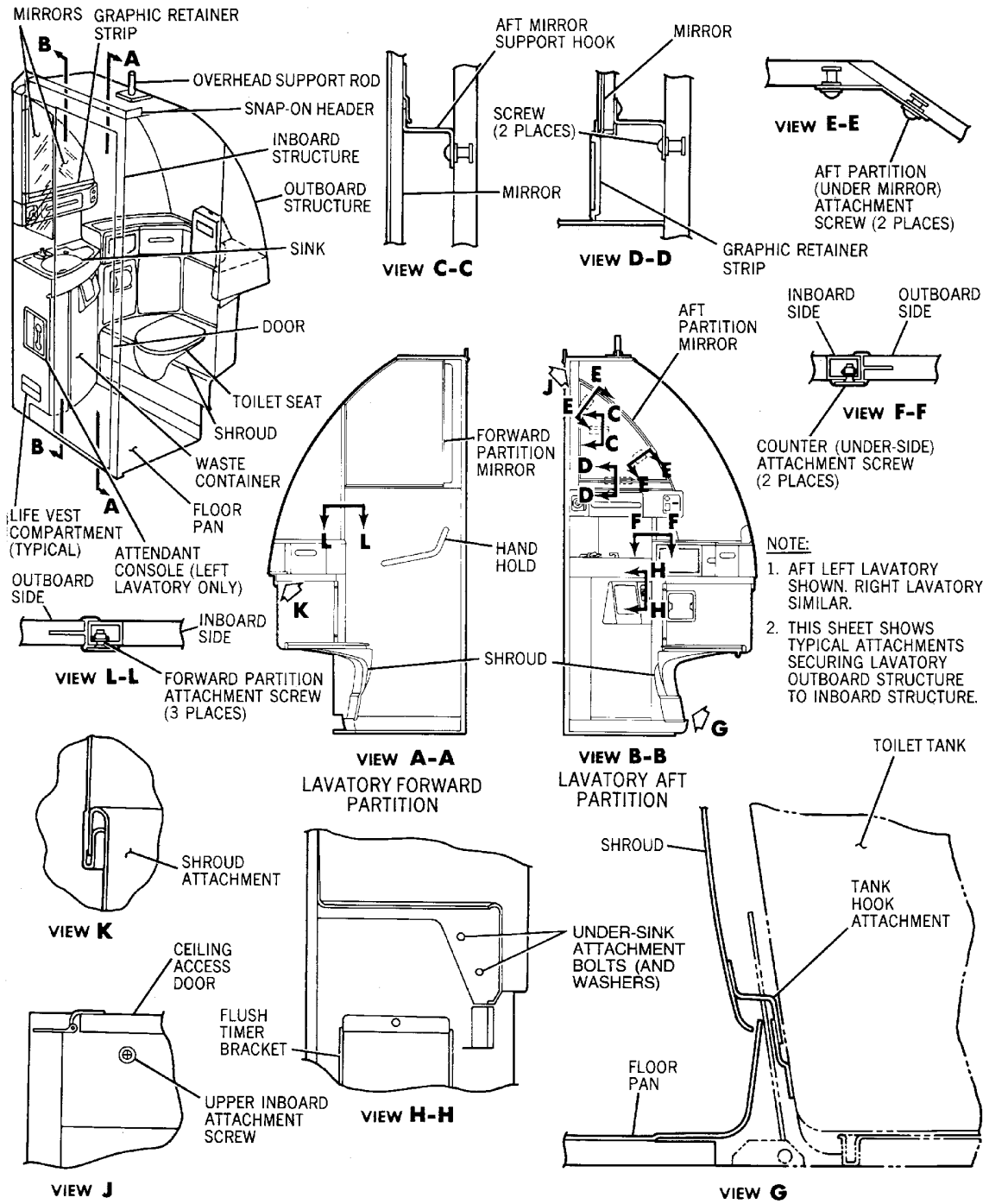
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BBB2-25-312B

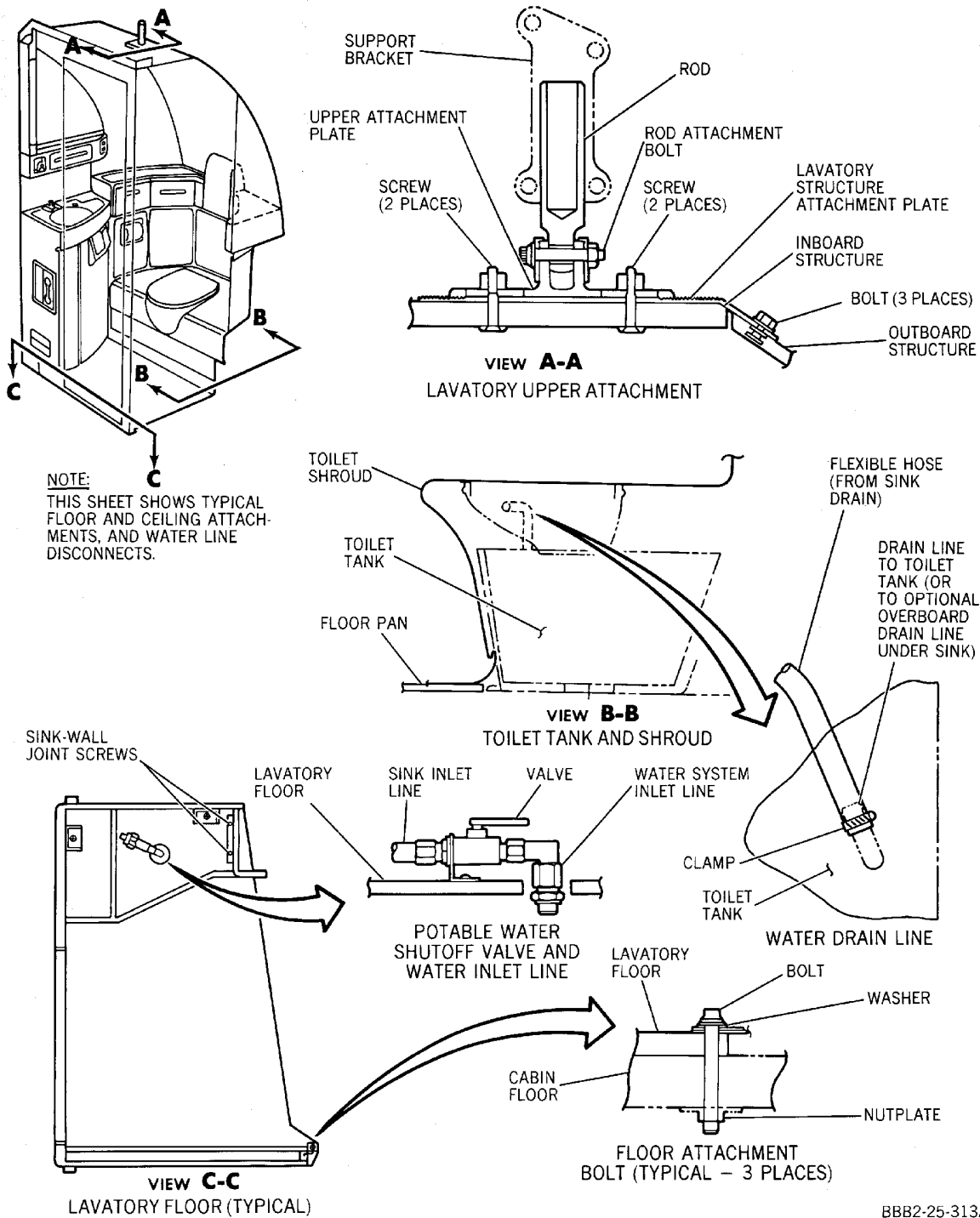
Aft Lavatory Installation
Figure 201/25-41-00-990-803 (Sheet 1 of 3)

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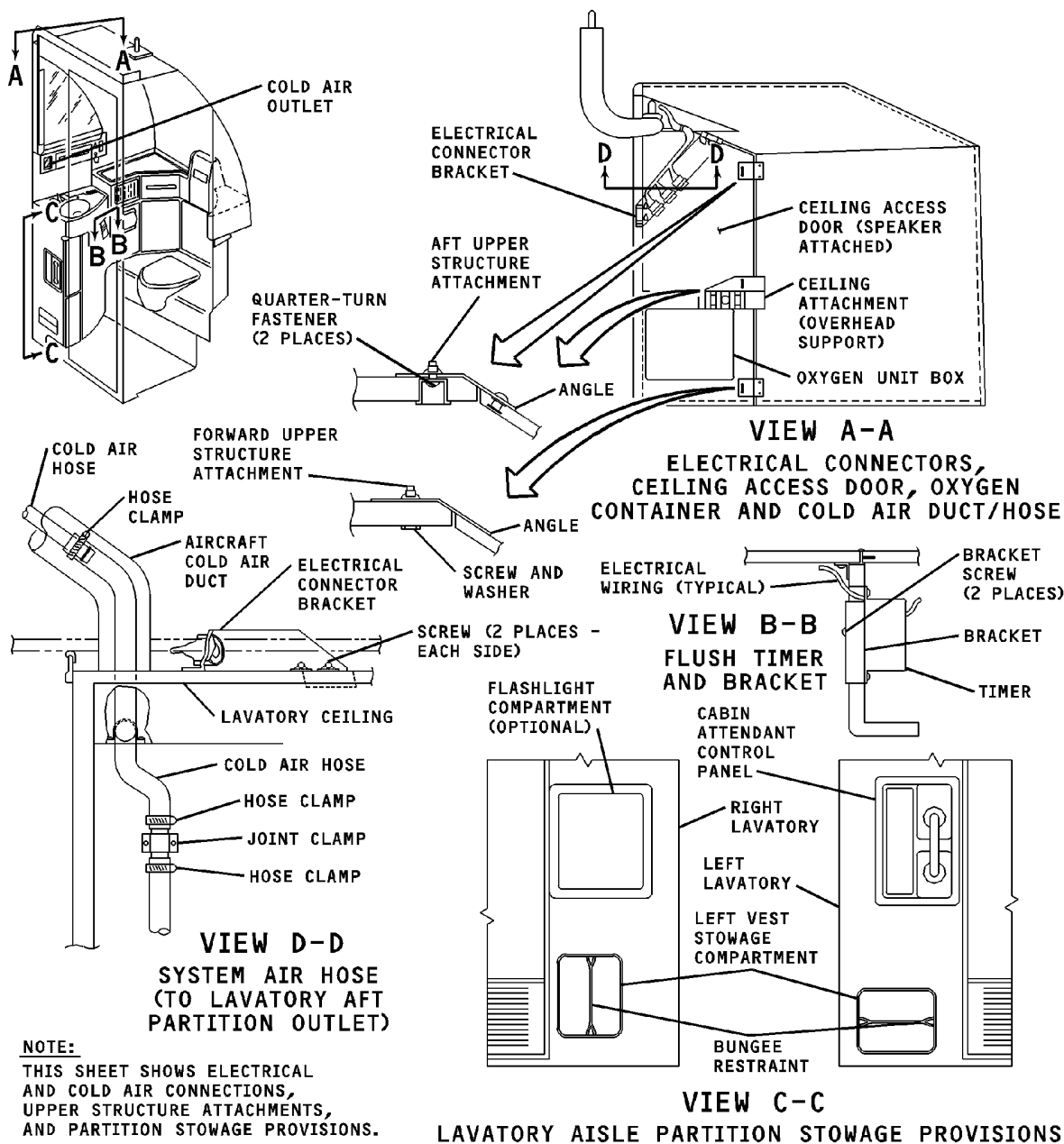
BBB2-25-313A

**Aft Lavatory Installation
Figure 201/25-41-00-990-803 (Sheet 2 of 3)**

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CAG(IGDS)

BBB2-25-314B

Aft Lavatory Installation
Figure 201/25-41-00-990-803 (Sheet 3 of 3)

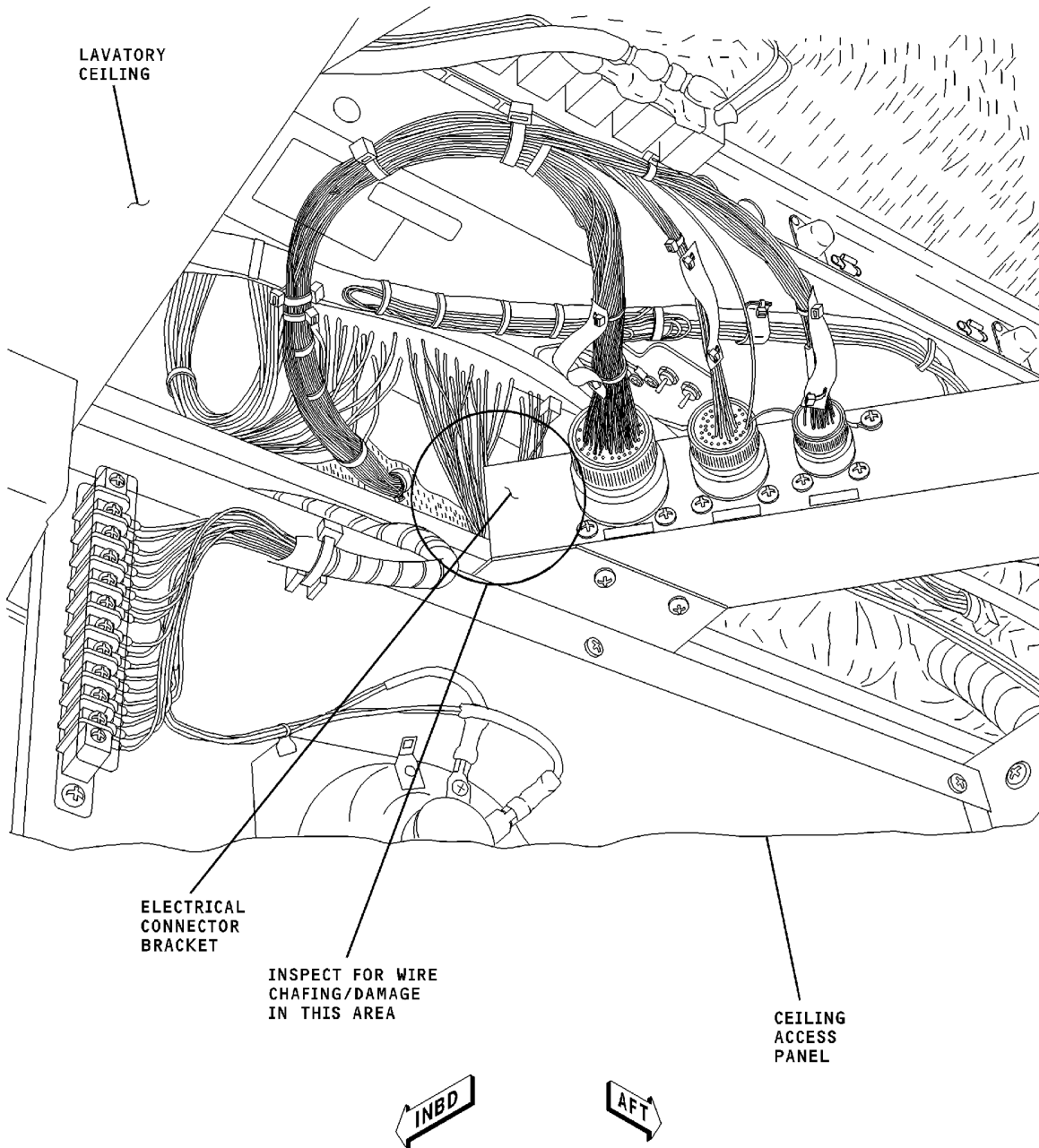
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CAG(IGDS)

BBB2-25-776

Aft Lavatory Installation Inspection
Figure 202/25-41-00-990-804

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4. Check Lavatory Waste Container

A. Check Container

- (1) Check that a "No Smoking" placard or symbol is installed on each side of lavatory door, and that a "No Cigarette Disposal" placard is installed on chute door of waste container.
- (2) Check all lavatory paper and linen waste container access and disposal doors for damage, proper operation, fit, sealing, and latching.

NOTE: Proper fitting doors restrict movement of air into container or cabinet and assists in the containment of any possible trash fire.

- (3) On aircraft provided with a disposable heat-activated fire extinguisher, adjacent to lavatory waste container, check that extinguisher is serviceable and that extinguisher probes extend into waste container.

(PAGEBLOCK 26-21-00/201)

- (4) Correct all defects as required. Use Scotch 425 tape for sealing waste container due to damage, deterioration, or gaps as required.

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AFT LAVATORY - ADJUSTMENT/TEST

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-41-00-710-801

2. Operational Check of the Aft Lavatory Waste Disposal Receptacle Flapper Door

A. Aft Lavatory Waste Disposal Receptacle Flapper Door Operational Check

SUBTASK 25-41-00-710-001

- (1) Push and release each flapper door.
- (2) Make sure door operates freely.
- (3) Make sure door is spring loaded to closed position.
- (4) Repeat (1) through (3) three times.

B. Job Close-up

SUBTASK 25-41-00-942-001

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

———— **END OF TASK** ————

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AFT LAVATORY - INSPECTION/CHECK

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-41-00-211-801

2. Detailed Inspection of the Lavatory Waste Disposal Receptacle Flapper Door

A. Lavatory Waste Disposal Receptacle Flapper Door Detailed Inspection

SUBTASK 25-41-00-211-001

- (1) Check flapper door for damage, condition and proper sealing.
- (2) Check all placards for presence and legibility.

B. Job Close-up

SUBTASK 25-41-00-942-002

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

———— **END OF TASK** ————

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FORWARD LAVATORY - MAINTENANCE PRACTICES

1. General

WJE 875-879

- A. The maintenance practices in this section provide removal/installation instructions for the lavatory mirror, mirror frame and fairing, washstand upper cabinet, washstand including lower cabinet, ceiling panel, and sidewall lining. (Figure 201)

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

- B. The maintenance practices in this section provide removal/installation instructions for the modular-type forward lavatory (inboard and outboard structures), mirror, washstand inlet and drain lines, and toilet shroud.

WJE 875-879

- C. Maintenance practices for the lavatory drinking water, toilet, and toilet shroud are provided in (WATER FILL/VENT VALVE - MAINTENANCE PRACTICES, PAGEBLOCK 38-11-04/201 and WASTE DISPOSAL, SECTION 38-30).

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

- D. Maintenance practices for the lavatory toilet and toilet shroud are provided in (WASTE DISPOSAL, SECTION 38-30).

WJE ALL

2. Equipment and Materials

NOTE: Equivalent substitutes may be used in place of following listed items.

NOTE: Some materials in the Equipment and Materials list may not be permitted to be used in your location. Persons in each location must make sure they are permitted to use these materials. All persons must obey all applicable federal, state, local, and provincial regulations for their location.

WJE 875-879

Table 201

Name and Number	Manufacturer
Tape, aluminum foil, pressure sensitive (Scotch 425)	Minnesota Mining & Mfg. Co. Los Angeles, Calif.

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

Table 202

Name and Number	Manufacturer
Sealant, Pro-Seal 735	Coast Pro-Seal and Mfg. Co. Los Angeles, Calif.
Tape, pressure sensitive (Scotch 425)	Minnesota Mining & Mfg. Co. Los Angeles, Calif.

WJE 875-879

3. Removal/Installation Forward Lavatory

CAUTION: USE CARE WHEN REMOVING AND INSTALLING LAVATORY EQUIPMENT TO AVOID DAMAGING ADJACENT EQUIPMENT.

- A. Remove Mirror and Mirror Fairing

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WJE 875-879 (Continued)

- (1) Remove upper and lower light fixtures exposing mirror frame attach screws. LIGHTED SIGNS - REMOVAL/INSTALLATION, PAGEBLOCK 33-23-01/401)
 - (2) Support mirror, then remove upper and lower mirror frame attach screws.
 - (3) Remove mirror and mirror frame.
 - (4) Remove mirror support clip at inboard mirror edge.
 - (5) Remove mirror fairing attach screws, slide fairing downward, then remove fairing from partition.
- B. Install Mirror and Mirror Fairing
- (1) Position mirror fairing on partition and secure with attach screws.
 - (2) Install mirror support clip adjacent to mirror fairing.
 - (3) Position mirror and mirror frame using mirror support clip for support at inboard edge of mirror.
 - (4) Install mirror frame attachment screws.
 - (5) Install sponge-type rubber pads between mirror and partition, as required.
 - (6) Install mirror upper and lower light fixtures. (PAGEBLOCK 33-23-03/401)
- C. Remove Washstand Upper Cabinet
- (1) Remove attach screws from framework around basin.
 - (2) Remove attach screws from along forward edge of cabinet and framework around basin.
 - (3) Remove upper cabinet by lifting until cabinet clears washstand and basin.
- D. Install Washstand Upper Cabinet
- (1) Position upper cabinet above washstand.
 - (2) Lower upper cabinet, guiding framework around basin, until clips are located in retainers located along aft and inboard partitions.
 - (3) Install attach screws along forward edge of cabinet and to framework around basin.
- E. Remove Washstand

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Open these circuit breakers and install safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-523	TOILET FLUSHING FWD LEFT PHASE A
		B1-524	TOILET FLUSHING FWD LEFT PHASE B
		B1-525	TOILET FLUSHING FWD LEFT PHASE C

LOWER EPC, AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
X	29	B1-527	LEFT LAVATORY WATER HEATER FWD

- (2) Remove toilet shroud. (WASTE DISPOSAL, SECTION 38-30)
- (3) Open washstand door and remove waste container from within cabinet.
- (4) Disconnect electrical wiring from toilet flushing timer.
- (5) Disconnect electrical wiring from water heater. (PAGEBLOCK 38-11-04/201)

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WJE 875-879 (Continued)

- (6) Place water selector valve in shutoff position, then disconnect water inlet and drain lines. Valve is located just below washbasin and is accessible through waste container door.
- (7) Remove washstand upper cabinet.Paragraph 3.C.
- (8) Remove washstand attach screws along forward cabinet edge, inboard partition edge, and from aft partition.
- (9) Remove washstand.

F. Install Washstand

- (1) Make sure that these circuit breakers are open and have safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-523	TOILET FLUSHING FWD LEFT PHASE A
		B1-524	TOILET FLUSHING FWD LEFT PHASE B
		B1-525	TOILET FLUSHING FWD LEFT PHASE C

LOWER EPC, AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
X	29	B1-527	LEFT LAVATORY WATER HEATER FWD

- (2) Position washstand and secure in place with screws along forward cabinet edges, inboard partition edge, and at aft partition.
- (3) Connect water inlet and drain lines to basin.
- (4) Connect electrical wiring to water heater. (PAGEBLOCK 38-11-04/201)
- (5) Connect electrical wiring to toilet flushing timer.
- (6) Install washstand upper cabinet.Paragraph 3.D.
- (7) Install waste container in cabinet and seal with Scotch 425 tape.

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (8) Open these circuit breakers and install safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS
		B1-522	LAVATORY MIRROR LIGHTS - FWD LEFT

- (9) Install toilet shroud. (WASTE DISPOSAL, SECTION 38-30)
- (10) Remove the safety tags and close these circuit breakers:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-523	TOILET FLUSHING FWD LEFT PHASE A
		B1-524	TOILET FLUSHING FWD LEFT PHASE B
		B1-525	TOILET FLUSHING FWD LEFT PHASE C

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WJE 875-879 (Continued)

LOWER EPC, AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
X	29	B1-527	LEFT LAVATORY WATER HEATER FWD

(11) Ensure proper operation of toilet flushing timer.

G. Remove Lavatory Ceiling Panel and Sidewall Lining Panel

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

(1) Open these circuit breakers and install safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS
		B1-522	LAVATORY MIRROR LIGHTS - FWD LEFT

(2) Unlock camloc fasteners securing ceiling panel, disconnect wiring, and remove panel.

(3) Remove toilet shroud. (WASTE DISPOSAL, SECTION 38-30)

(4) Remove covering from trim strip at aft edge of sidewall lining.

(5) Remove screws securing trim strip and lining.

(6) Remove trim strip and lining.

H. Install Lavatory Ceiling Panel and Sidewall Lining Panel

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

(1) Make sure that these circuit breakers are open and have safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS
		B1-522	LAVATORY MIRROR LIGHTS - FWD LEFT

(2) Position lining panel in place inserting lower edge into holder.

(3) Place trim strip at aft edge and secure lining and trim strip with attach screws.

(4) Install trim strip covering.

(5) Position ceiling panel, connect wiring, and secure panel with camloc fasteners.

(6) Install toilet shroud. (WASTE DISPOSAL, SECTION 38-30)

(7) Remove the safety tags and close these circuit breakers:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS
		B1-522	LAVATORY MIRROR LIGHTS - FWD LEFT

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WJE 875-879 (Continued)

- (8) Ensure proper operation of lights and razor outlets.

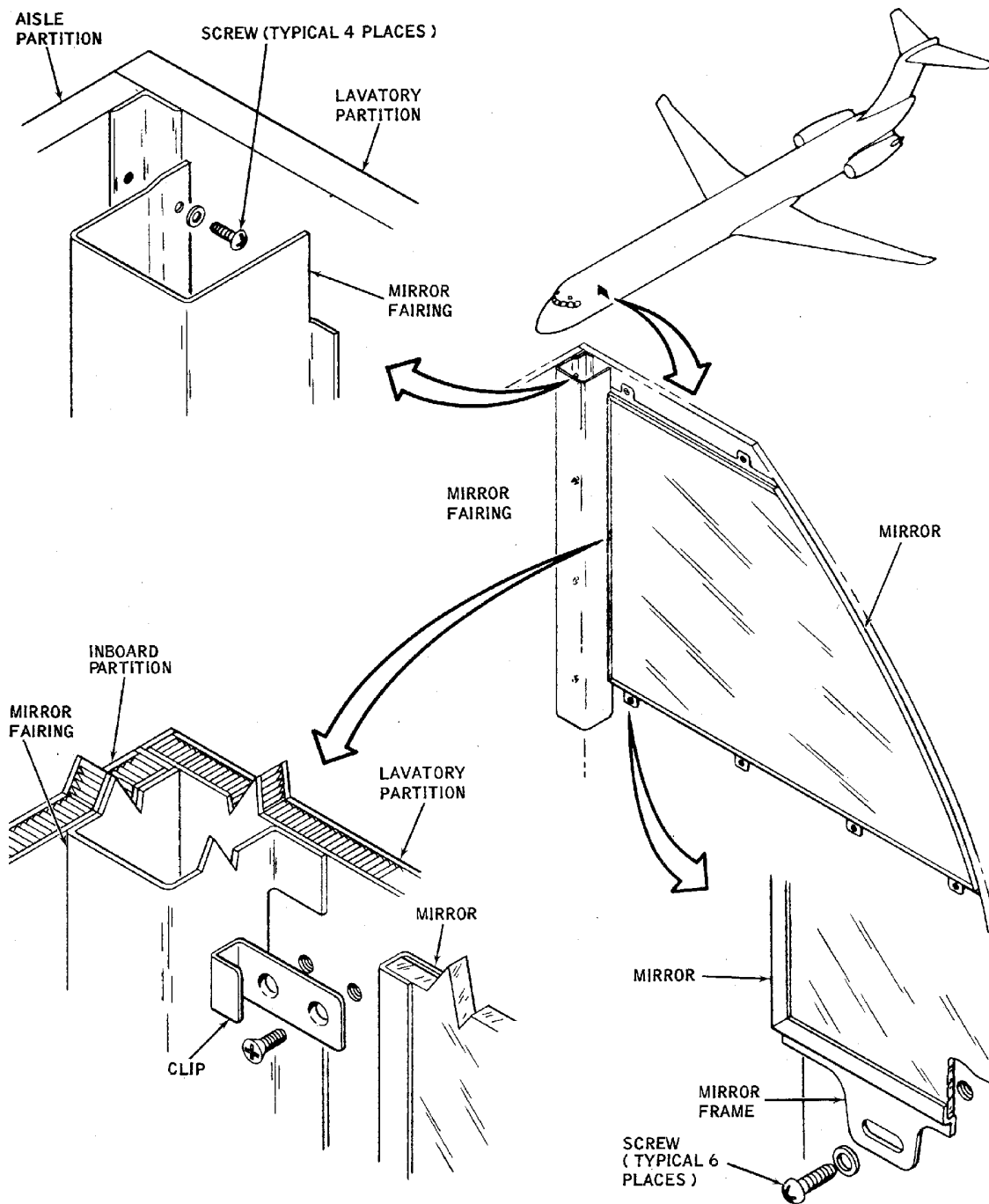
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BBB2-25-30

Forward Lavatory Equipment Installation
Figure 201/25-42-00-990-802 (Sheet 1 of 3)

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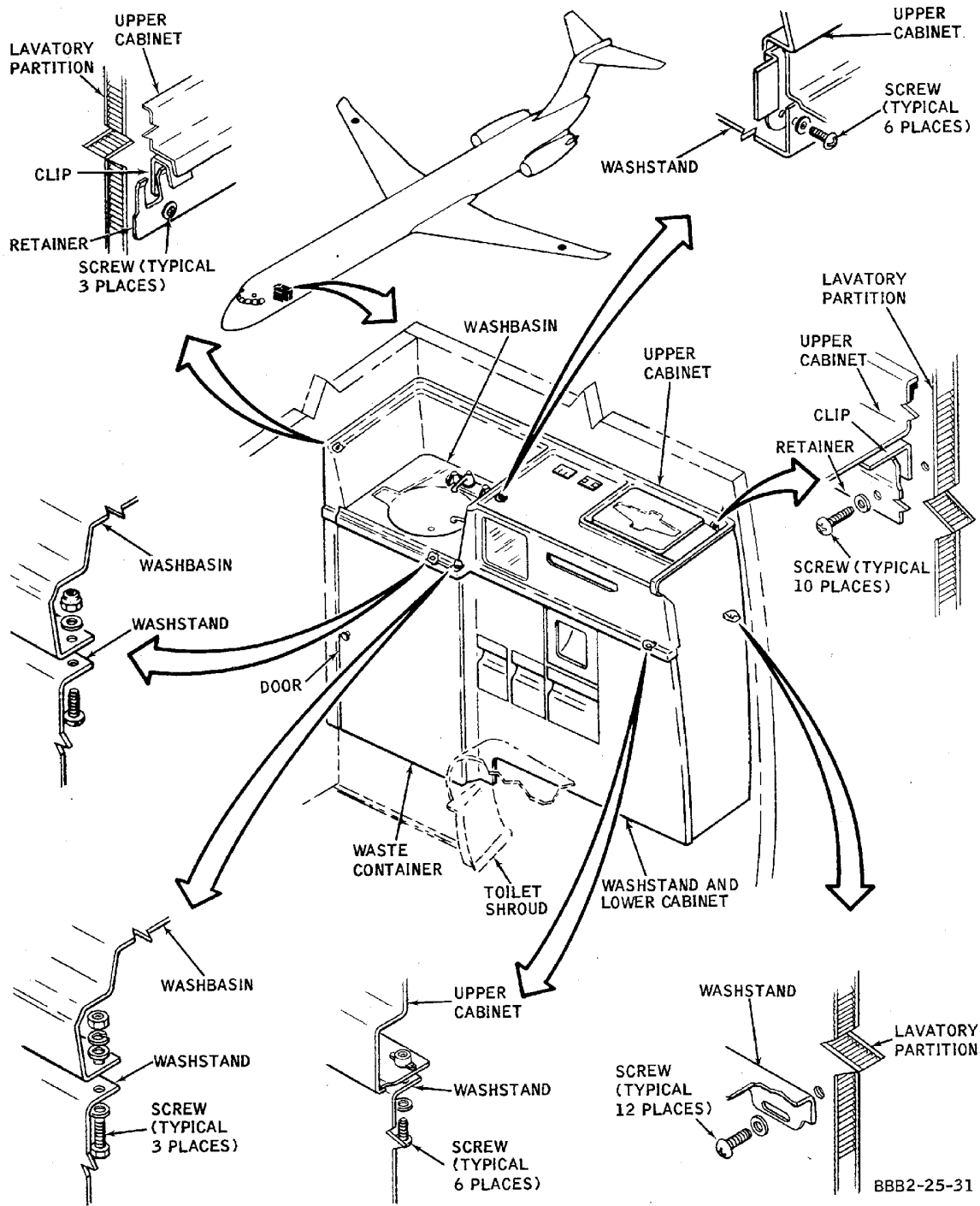
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AIRCRAFT MAINTENANCE MANUAL**



**Forward Lavatory Equipment Installation
Figure 201/25-42-00-990-802 (Sheet 2 of 3)**

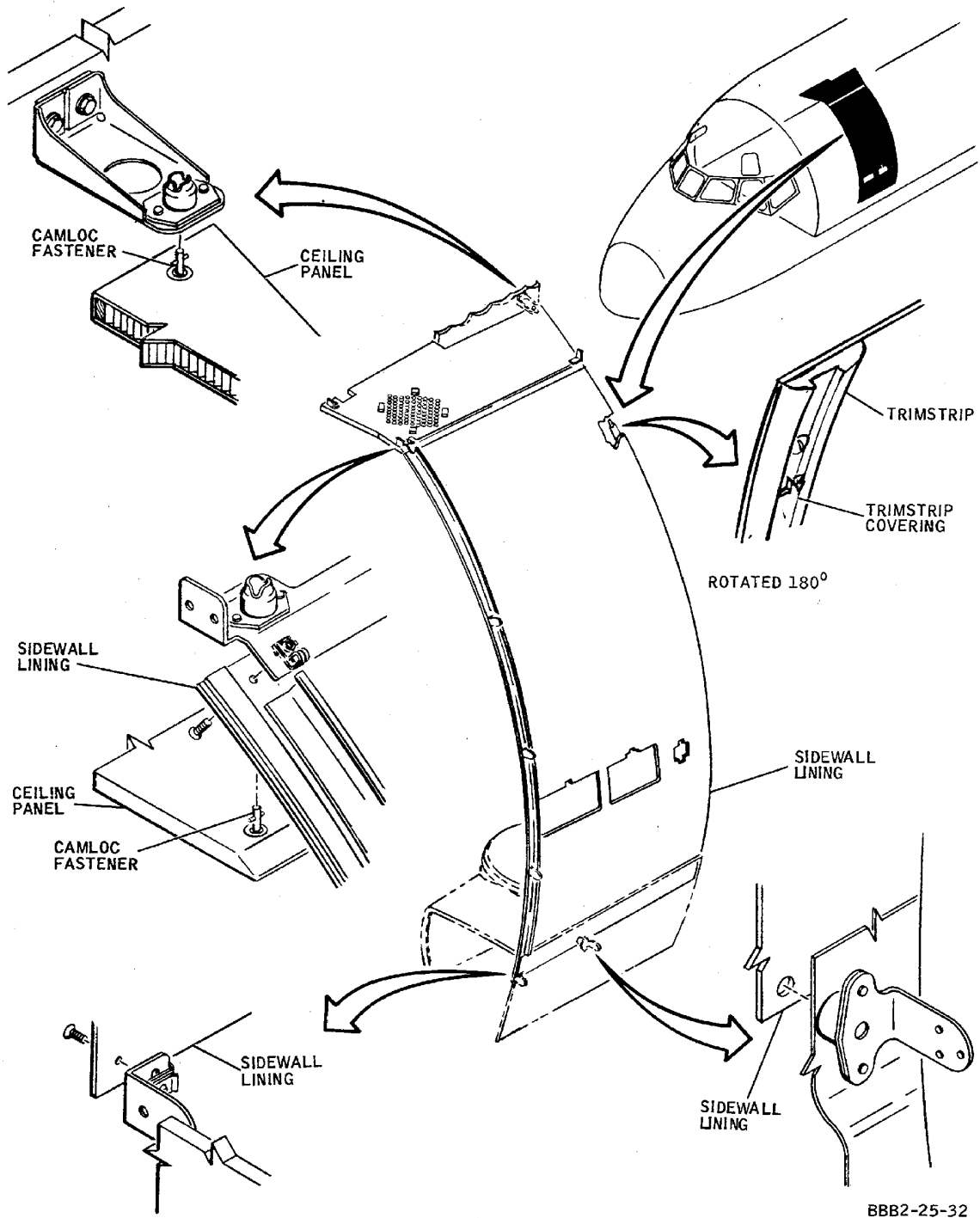
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Forward Lavatory Equipment Installation
Figure 201/25-42-00-990-802 (Sheet 3 of 3)

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WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

4. Removal/Installation Forward Lavatory

CAUTION: USE CARE WHEN REMOVING AND INSTALLING LAVATORY IN AIRCRAFT TO AVOID DAMAGING LAVATORY OR ADJACENT EQUIPMENT.

A. Remove Lavatory

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Open these circuit breakers and install safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS
		B1-522	LAVATORY MIRROR LIGHTS - FWD LEFT
		B1-523	TOILET FLUSHING FWD LEFT PHASE A
		B1-524	TOILET FLUSHING FWD LEFT PHASE B
		B1-525	TOILET FLUSHING FWD LEFT PHASE C

LOWER EPC, AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
X	29	B1-527	LEFT LAVATORY WATER HEATER FWD

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893			
A	8	B10-118	PASSENGER ADDRESS
WJE 410			
A	9	B10-118	PASSENGER ADDRESS

UPPER EPC, L AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 417, 419, 421, 423, 865, 869, 871, 872			
K	31	B1-870	PASSENGER OXYGEN RELEASE
WJE 401-412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873, 874, 880, 881, 883, 884, 886, 887, 891-893			
K	34	B1-870	PASSENGER OXYGEN RELEASE

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891			
L	6	B1-526	RAZOR OUTLETS FWD

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WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891 (Continued)

UPPER EPC, R AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 417, 419, 421, 423, 865, 869, 871, 872			
L	31	B1-871	ALTERNATE PASSENGER OXYGEN RELEASE
WJE 401-412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873, 874, 880, 881, 883, 884, 886, 887, 891-893			
L	34	B1-871	ALTERNATE PASSENGER OXYGEN RELEASE

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

- (2) On aircraft with forward side of lavatory at station 197 or 221, proceed as follows for lavatory removal from under drop ceiling:
 - (a) Remove section of sidewall overhead stowage compartment. (PAGEBLOCK 25-25-00/201)
 - (b) Remove sidewall panel(s) from under removed section of sidewall overhead stowage compartment. (PAGEBLOCK 25-21-00/201)
 - (c) On aircraft with forward side of lavatory at station 221, disconnect bracket on aft upper partition from lower side of overhead stowage compartment.
- (3) Remove trim from edges of lavatory as required.
- (4) Remove snap-on header trim from top of lavatory.
- (5) Remove waste container from below sink. Latch secures container in position.
- (6) Unsnap and remove toilet tissue dispenser from toilet shroud, as required.
- (7) Remove toilet shroud by removing screws (4 places), two on each side of toilet seat; then, lift and rotate shroud from toilet tank. Rotate shroud counterclockwise when removing shroud. Toilet seat remains with shroud.
- (8) Remove aft partition mirror as follows:
 - (a) Remove graphic retainer strip below mirror. Use keyhole slots to slide retainer outboard for removal. (Figure 202)
 - (b) Remove screws (2 places) at bottom of mirror.
 - (c) Lift and remove mirror from support hook on aft lavatory.
- (9) If required, remove toilet tank from lavatory. (WASTE DISPOSAL, SECTION 38-30)
- (10) Disconnect and remove flush timer and bracket from lavatory lower aft partition. Screws (2 places) secure timer to lavatory. (Figure 202)
- (11) Disconnect sink drain line at toilet tank. (On aircraft with overboard drain line installed, disconnect drain line at floor level under sink.) (Figure 202)
- (12) Unlatch speaker panel in open position at lavatory ceiling.
- (13) Disconnect air hoses, electrical connectors, water lines, and oxygen unit box as follows: (Figure 202)
 - (a) Remove oxygen unit box and disconnect unit electrical connector at top of lavatory.
 - (b) Disconnect electrical connectors from bracket at top of lavatory; then, if required, remove screws (2 places) securing bracket to lavatory.
 - (c) Loosen clamp and remove upper cold air hose from aircraft cold air system; then, disconnect lower cold air hose from lavatory cold air line.
 - (d) Disconnect water inlet hose under sink from inlet line at floor level. (Figure 202)

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WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893 (Continued)

- (14) Disconnect upper attachment (overhead support). (Figure 202) as follows:
 - (a) Remove rod attachment bolt securing overhead support bolt to upper attachment; then, push rod up into support bracket and retain rod in place with pressure-sensitive tape (across support bracket bore).
 - (b) Disconnect upper attachment plate from inboard structure by removing screws (4 places) from inside lavatory.
 - (15) Using screws (2 places) on each upper lavatory attachments, disconnect outboard structure from inboard structure. (Figure 202)
 - (16) Remove washers and bolts (3 places) securing lavatory unit to cabin floor. (Figure 202)
 - (17) Remove structure attachment screws at partition joints securing lavatory outboard structure to inboard structure as follows:
 - (a) Remove screw securing kick plate to aft partition at floor level. (Figure 202)
 - (b) Remove attachment screws (5 places) from inside of forward partition. (Figure 202). Trim is removed for access to screws.
 - (c) Remove under sink attachment bolts (2 places), located above flush timer bracket. (Figure 202)
 - (d) Remove aft partition attachment screws (3 places) on upper side of pullman cabinet. Trim is removed for access to screws. (Figure 202)
 - (e) Remove attachment screws (3 places) securing lower cabinet to aft partition.
 - (18) Break seal at floor line and remove lavatory structures from aircraft as follows:
 - (a) On aircraft with forward side of lavatory at station 197 or 221, move inboard structure aft to clear drop ceiling then toward aisle for removal from aircraft. Repeat procedure for removal of outboard structure.
 - (b) On aircraft with forward side of lavatory at station 226, move inboard structure toward aisle and remove from aircraft. Repeat procedure for removal of outboard structure.
 - (19) Retain overhead support rod (including upper lavatory attachment plates) with outboard structure; then, remove lavatory and lavatory module equipment from aircraft. Retain equipment as required for installation.
- B. Install Lavatory**
- (1) Prepare lavatory for installation as follows:

NOTE: Lavatory must be separated into inboard and outboard structures prior to moving unit and unit components into aircraft, in preparation for installation. (Figure 202)

NOTE: If lavatory is disassembled and positioned inside aircraft, proceed with Paragraph 4.B.(2) below.

 - (a) Depress latch at upper edge of unit waste container and remove container from lavatory.
 - (b) Unsnap and remove toilet tissue dispenser from toilet shroud as required.
 - (c) Remove screws (4 places) from unit toilet shroud; then, lift and remove shroud from lavatory. Rotate shroud counterclockwise when removing shroud.
 - (d) Remove graphic retainer strip below aft partition mirror for access to mirror screws. Slide strip outboard to remove from key-hole slots.
 - (e) Remove retaining screws (2 places) at bottom of mirror and lift mirror free from upper support hook.

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WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893 (Continued)

- (f) Remove screws (2 places) and remove flush timer and mounting plate adjacent to toilet tank. (Figure 202)
- (g) Open speaker panel into lavatory inboard structure (Figure 202); then, disconnect and lower oxygen unit box inside lavatory.
- (h) At lavatory upper attachment, remove screws (4 places) from inside lavatory to separate attachment plate from inboard structure. (Figure 202)
- (i) Remove electrical connector bracket from top of lavatory by removing bolts (2 places) and pull bracket inside lavatory unit. (Figure 202)
- (j) Remove screw from aft kick plate at lower joint of lavatory structures. (Figure 202)
- (k) On aft inside sink wall joints at lower side of lavatory counter, remove screws (3 places) and bolts (2 places) under sink. (Figure 202)
- (l) On upper side of counter, remove screws (3 places) on trim at right side of sink. (Figure 202)
- (m) At forward inside side wall joint of lavatory structures remove screws (5 places) on trim. Remove trim.
- (n) Remove screws (2 places) from ceiling upper structure attachment (Figure 202); then, separate lavatory into inboard and outboard structures.
- (o) Move lavatory inboard and outboard structures, and lavatory equipment into aircraft as required.

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (2) Make sure that these circuit breakers are open and have safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS
		B1-522	LAVATORY MIRROR LIGHTS - FWD LEFT
		B1-523	TOILET FLUSHING FWD LEFT PHASE A
		B1-524	TOILET FLUSHING FWD LEFT PHASE B
		B1-525	TOILET FLUSHING FWD LEFT PHASE C

LOWER EPC, AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
X	29	B1-527	LEFT LAVATORY WATER HEATER FWD

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893			
A	8	B10-118	PASSENGER ADDRESS
WJE 410			
A	9	B10-118	PASSENGER ADDRESS

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WJE 410 (Continued)

UPPER EPC, L AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 417, 419, 421, 423, 865, 869, 871, 872			
K	31	B1-870	PASSENGER OXYGEN RELEASE
WJE 401-412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873, 874, 880, 881, 883, 884, 886, 887, 891-893			
K	34	B1-870	PASSENGER OXYGEN RELEASE

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891			
L	6	B1-526	RAZOR OUTLETS FWD

UPPER EPC, R AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 417, 419, 421, 423, 865, 869, 871, 872			
L	31	B1-871	ALTERNATE PASSENGER OXYGEN RELEASE
WJE 401-412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873, 874, 880, 881, 883, 884, 886, 887, 891-893			
L	34	B1-871	ALTERNATE PASSENGER OXYGEN RELEASE

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

- (3) On aircraft with forward side of lavatory at station 197 or 221, proceed as follows to facilitate lavatory removal from under drop ceiling:

NOTE: Not required on aircraft with forward side of lavatory at station 269. Lavatory is positioned aft of drop ceiling at forward entrance door.

- (a) Remove section of sidewall overhead stowage compartment. (PAGEBLOCK 25-25-00/201)
 - (b) Remove sidewall panel(s) under removed section of overhead stowage compartment. (PAGEBLOCK 25-21-00/201)
- (4) Move lavatory outboard structure into approximate position near aircraft sidewall.
- (5) Temporarily secure lavatory overhead support rod in support bracket with pressure-sensitive tape so that lavatory inboard and outboard structures can be positioned during installation. (Figure 202)
- (6) Position lavatory inboard structure against outboard structure and proceed as follows:
- (a) Using screws (2 places) on each upper lavatory attachment, secure outboard structure to inboard structure at ceiling. (Figure 202)
 - (b) Install washers and bolts (3 places) and secure lavatory to cabin floor. (Figure 202)
- (7) Install structure attachment screws at partition joints and secure outboard structure to inboard structure as follows:
- (a) Install attachment screws (3 places) securing lower cabinet to aft partition. (Figure 202).
 - (b) Install aft partition attachment screws (3 places) on upper side of pullman cabinet. Install trim over screws.
 - (c) Install under sink attachment bolts (2 places), located above flush timer bracket. (Figure 202)

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WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893 (Continued)

- (d) Install attachment screws (5 places) on inside of forward partition. Install trim over screws.
- (e) Install screw securing kick plate to aft partition at floor level. (Figure 202)
- (8) Install, adjust, and secure upper attachment as follows. (Figure 202) (Figure 202)
 - (a) Install upper attachment plate to inboard structure with screws (4 places) to secure inboard structure to outboard structure.
 - (b) Remove pressure-sensitive tape from support bracket bore; then, position and secure overhead support rod to upper attachment plate with rod attachment bolt.
 - (c) Adjust ceiling attachment so that lavatory is aligned and lavatory door opens and closes properly.
- (9) Secure speaker panel in closed (latched) position.
- (10) Install lavatory air hoses, electrical connectors, water lines, and oxygen unit box as follows:
 - (a) Install upper cold air hose to aircraft cold air system with clamp; then, clamp lower cold air hose to lavatory cold air line. (Figure 202)
 - (b) If removed, install electrical connector bracket at top of lavatory and secure bracket with screws (2 places). Connect lavatory electrical connectors to bracket on top of lavatory. (Figure 202)
 - (c) Install water inlet hose under sink to inlet line at floor level. (Figure 202)
 - (d) Install oxygen unit box and connect unit electrical connector at top of lavatory as required.
- (11) Install snap-on header trim at top of lavatory.
- (12) Using double-face tape, secure decorative and kick panel material to aft side of aft lavatory partition.
- (13) If removed, install toilet tank. (WASTE DISPOSAL, SECTION 38-30)
- (14) Connect sink drain line at toilet tank. (On aircraft with overboard drain line installed, drain line connection is at floor level under sink.) (Figure 202)
- (15) Install flush timer and bracket to lavatory lower aft partition with screws (2 places) and check that timer is electrically connected to toilet tank. (Figure 202)
- (16) Apply 1/8-inch (3.175 mm) bead of Pro-Seal 735 sealant around bottom edge of lavatory unit, at floor level as required.
- (17) Install toilet shroud by lowering shroud onto retainers on each side of toilet seat. Lower and rotate shroud clockwise during installation. Secure shroud to lavatory with screws (4 places). (WASTE DISPOSAL, SECTION 38-30)
- (18) Verify that toilet seat and cover are secured to lugs on shroud with bolts (2 places).
- (19) Snap toilet tissue dispenser into place on toilet shroud, as required.
- (20) Install aft partition mirror as follows:
 - (a) Lift and attach mirror to upper support hook on aft partition of lavatory. (Figure 202)
 - (b) Secure screws (2 places) at bottom of mirror.
 - (c) Install graphic retainer strip below mirror to cover retaining screws. Use keyhole slots to slide strip retainer inboard into desired position.
- (21) Install waste container below sink. Latch secures container in position under lavatory sink.

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WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893 (Continued)

- (22) On aircraft with forward side of lavatory at station 197 or 221, proceed as follows for lavatory installed under drop ceiling:
- (a) Install sidewall panel(s) under removed section of sidewall overhead stowage compartment. (PAGEBLOCK 25-21-00/201)
 - (b) Install section of sidewall overhead stowage compartment. (PAGEBLOCK 25-25-00/201)
 - (c) On aircraft with forward side of lavatory at station 221, secure bracket on aft upper partition to lower side of overhead stowage compartment.
- (23) Remove the safety tags and close these circuit breakers:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-777	FWD MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS
		B1-522	LAVATORY MIRROR LIGHTS - FWD LEFT
		B1-523	TOILET FLUSHING FWD LEFT PHASE A
		B1-524	TOILET FLUSHING FWD LEFT PHASE B
		B1-525	TOILET FLUSHING FWD LEFT PHASE C

LOWER EPC, AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
X	29	B1-527	LEFT LAVATORY WATER HEATER FWD

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-409, 411, 412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893			
A	8	B10-118	PASSENGER ADDRESS
WJE 410			
A	9	B10-118	PASSENGER ADDRESS

UPPER EPC, L AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 417, 419, 421, 423, 865, 869, 871, 872			
K	31	B1-870	PASSENGER OXYGEN RELEASE
WJE 401-412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873, 874, 880, 881, 883, 884, 886, 887, 891-893			
K	34	B1-870	PASSENGER OXYGEN RELEASE

UPPER EPC, POWER - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891			
L	6	B1-526	RAZOR OUTLETS FWD

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WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891 (Continued)

UPPER EPC, R AC BUS

Row Col Number Name

WJE 417, 419, 421, 423, 865, 869, 871, 872

L 31 B1-871 ALTERNATE PASSENGER OXYGEN RELEASE

WJE 401-412, 414-416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873, 874, 880, 881, 883, 884, 886, 887, 891-893

L 34 B1-871 ALTERNATE PASSENGER OXYGEN RELEASE

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

- (24) Ensure proper operation of toilet flush timer, lavatory lights, oxygen release and speaker function, cold air flow, and razor outlet.

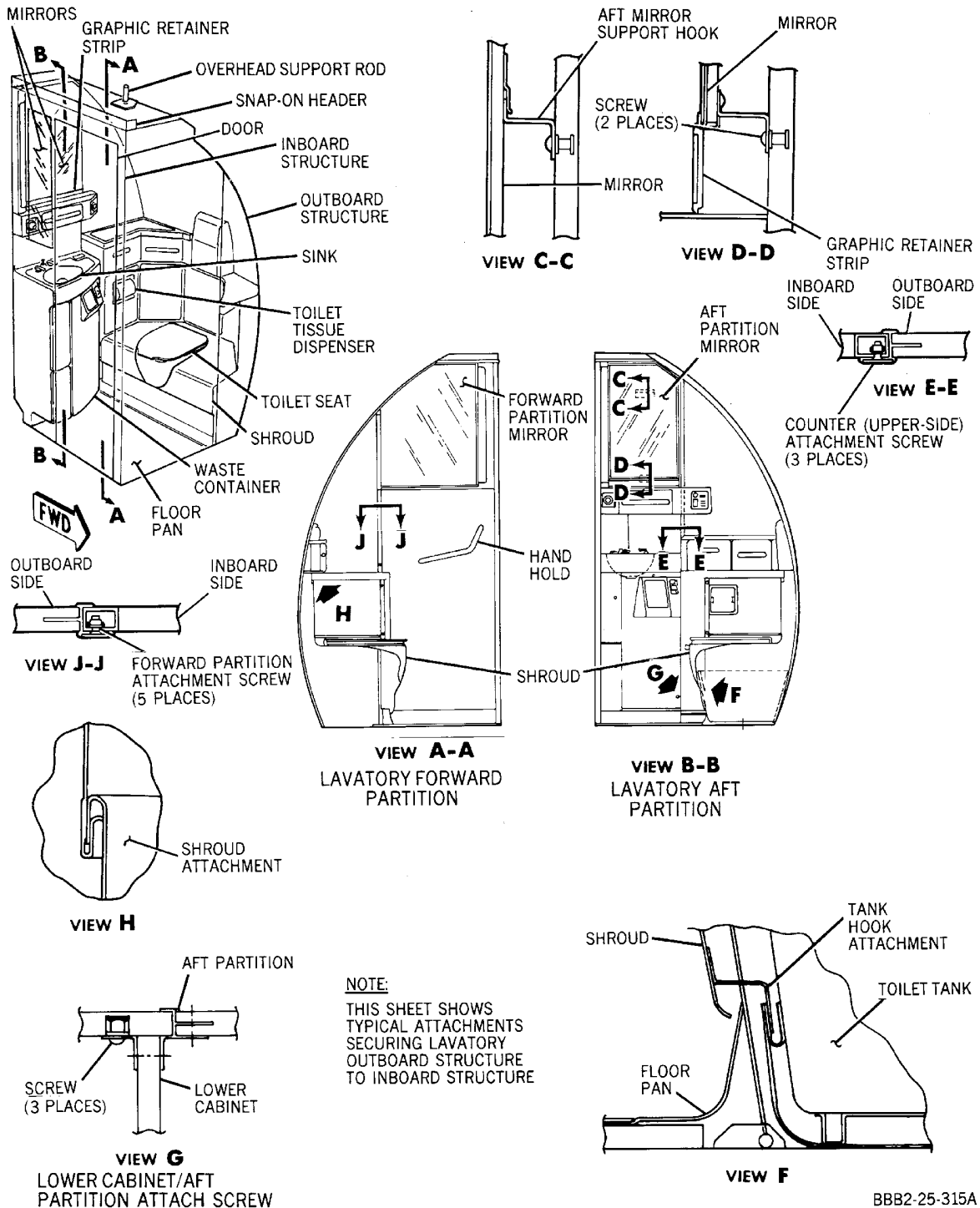
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WJE ALL

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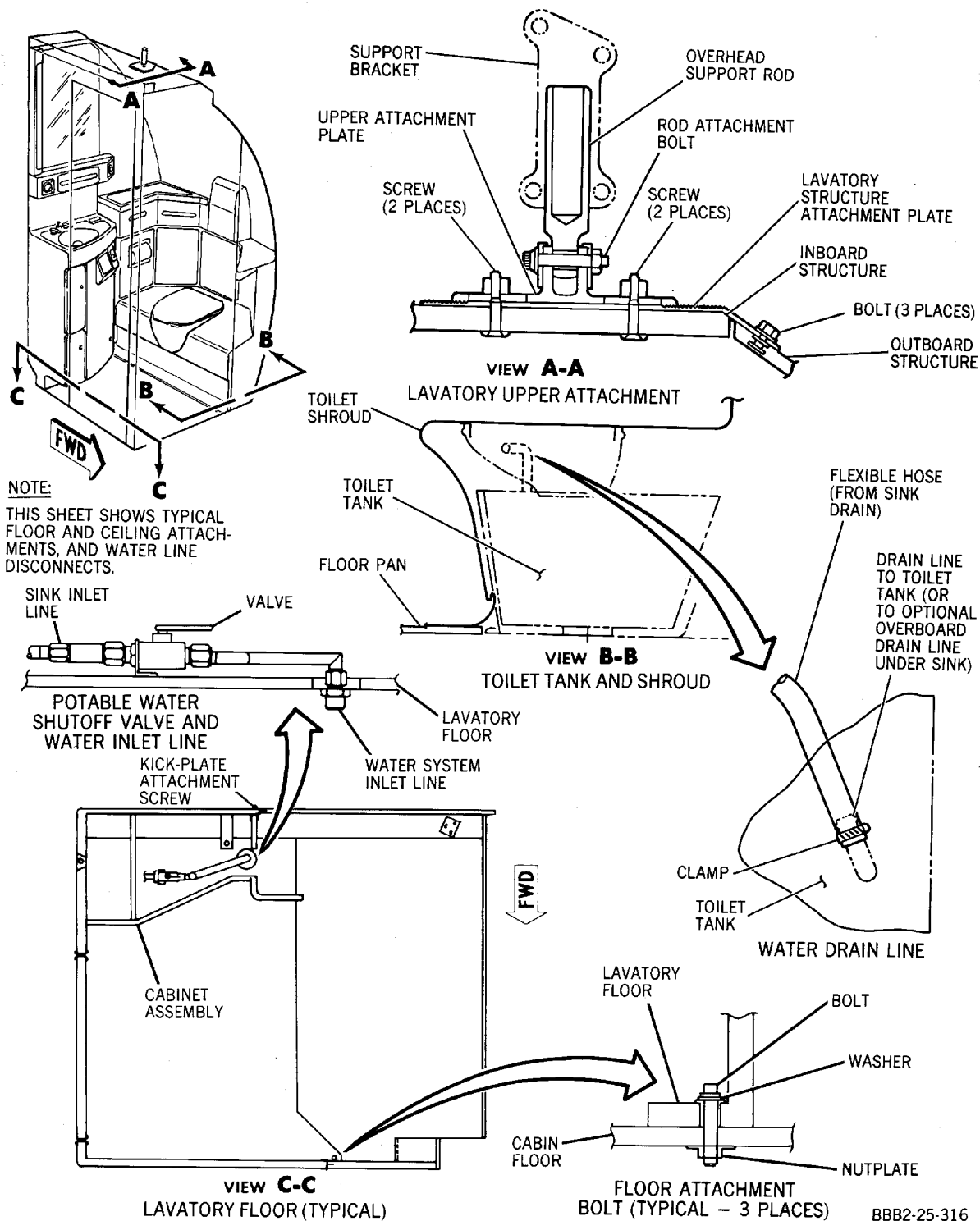


Forward Lavatory Installation
Figure 202/25-42-00-990-801 (Sheet 1 of 3)

EFFECTIVITY
 WJE 401-412, 414-427, 429, 861-866, 868, 869,
 871-874, 880, 881, 883, 884, 886, 887, 891-893

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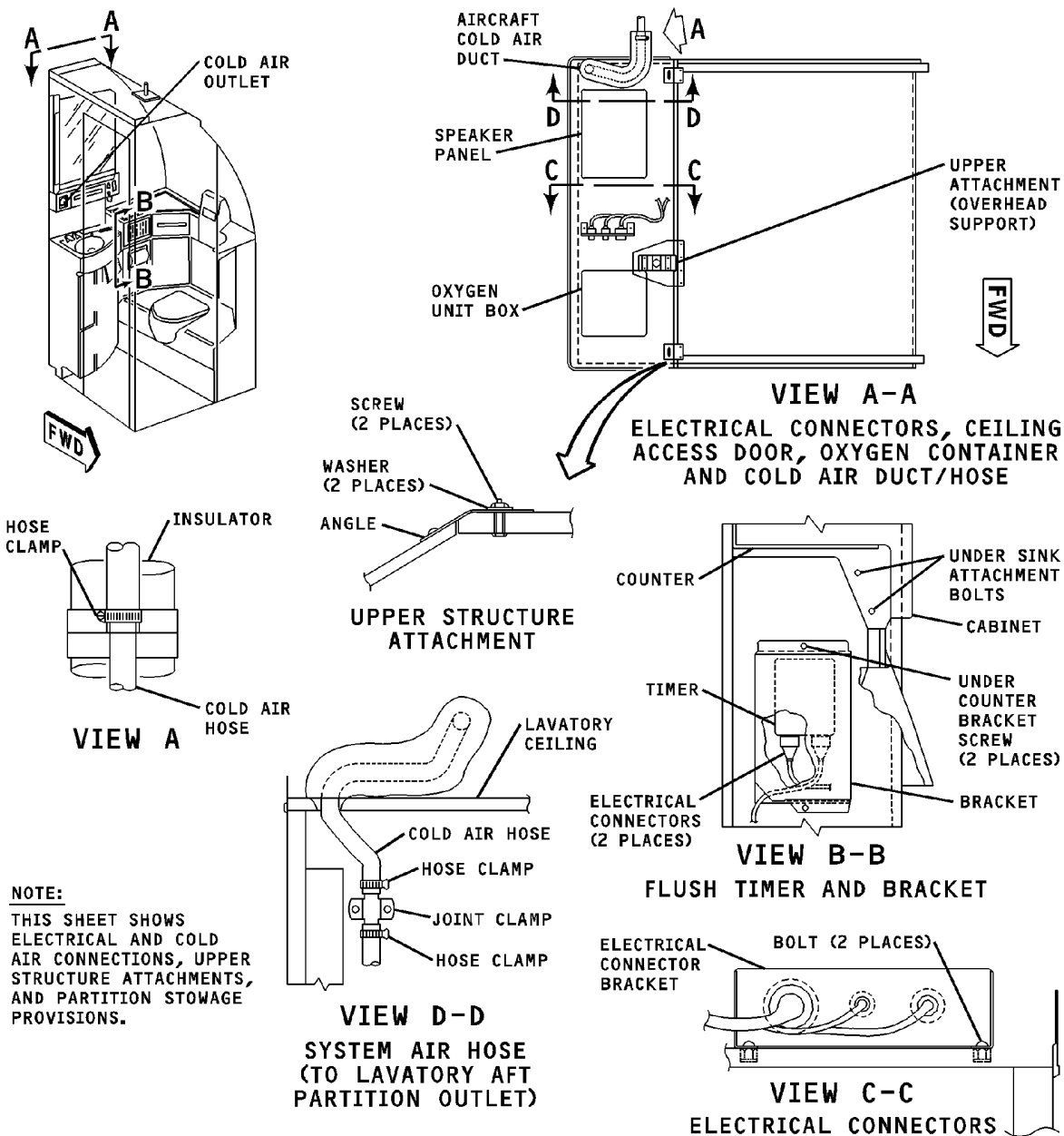
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Forward Lavatory Installation
Figure 202/25-42-00-990-801 (Sheet 2 of 3)

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WJE 401-412, 414-427, 429, 861-866, 868, 869,
871-874, 880, 881, 883, 884, 886, 887, 891-893

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NOTE:
THIS SHEET SHOWS ELECTRICAL AND COLD AIR CONNECTIONS, UPPER STRUCTURE ATTACHMENTS, UPPER STRUCTURE ATTACHMENTS, AND PARTITION STOWAGE PROVISIONS.

CAG(IGDS)

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**Forward Lavatory Installation
Figure 202/25-42-00-990-801 (Sheet 3 of 3)**

EFFECTIVITY
WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

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WJE ALL

5. Check Lavatory Waste Container

A. Check Container

- (1) Check that a "No Smoking" placard or symbol is installed on each side of lavatory door, and that a "No Cigarette Disposal" placard is installed on chute door of waste container.
- (2) Check all lavatory paper and linen waste container access and disposal doors for damage, proper operation, fit, sealing, and latching.

NOTE: Proper fitting doors restrict movement of air into container or cabinet and assists in the containment of any possible trash fire.

WJE 875-879

- (3) Check that lavatory waste container is sealed with Scotch 425 tape. Check tape for possible damage.

WJE ALL

- (4) On aircraft provided with a disposable heat-activated fire extinguisher adjacent to lavatory waste container, check that extinguisher is serviceable and that extinguisher probes extend into waste container.

(PAGEBLOCK 26-21-00/201)

WJE 875-879

- (5) Correct all defects as required.

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

- (6) Correct all defects as required. Use Scotch 425 tape for sealing waste container due to damage, deterioration, or gaps as required.

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FORWARD LAVATORY - ADJUSTMENT/TEST

1. General

- A. This procedure contains MSG-3 task card data.

TASK 25-42-00-710-801

2. Operational Check of the Forward Lavatory Waste Disposal Receptacle Flapper Door

A. Forward Lavatory Waste Disposal Receptacle Flapper Door Operational Check

SUBTASK 25-42-00-710-001

- (1) Push and release each flapper door.
- (2) Make sure door operates freely.
- (3) Make sure door is spring loaded to closed position.
- (4) Repeat (1) through (3) three times.

B. Job Close-up

SUBTASK 25-42-00-942-001

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

———— **END OF TASK** ————

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WJE ALL

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FORWARD LAVATORY - INSPECTION/CHECK

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-42-00-211-801

2. Detailed Inspection of the Lavatory Waste Disposal Receptacle Flapper Door

A. Lavatory Waste Disposal Receptacle Flapper Door Detailed Inspection

SUBTASK 25-42-00-211-001

- (1) Check flapper door for damage, condition and proper sealing.
- (2) Check all placards for presence and legibility.

B. Job Close-up

SUBTASK 25-42-00-942-002

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

———— **END OF TASK** ————

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CARGO AND ACCESSORY COMPARTMENTS - DESCRIPTION AND OPERATION

1. General

- A. This section locates, identifies, and describes the cargo and accessory compartments in the aircraft, including the forward accessory electrical/electronics, forward and mid lower cargo, and aft lower cargo compartments, the landing gear wheelwells, and the aft accessory compartment (Figure 1).

2. Cargo Compartments

- A. Description

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 875-879, 886, 887, 891

- (1) Forward and Mid Lower Cargo Compartments - The forward and mid lower cargo compartments are located between the electrical/electronics compartment and the main gear wheelwells. A fixed partition (cargo divider) separates the forward compartment from the mid compartment. The ceiling, sidewalls, and flooring of the pressurized and heated compartments are removable in sections. Equipment is provided for securing cargo and protecting the cargo door. Access doors in the passenger compartment floor are provided for emergency access to the cargo compartments. For a complete description of the forward and aft lower cargo compartments, Ref. FORWARD AND MID LOWER CARGO COMPARTMENTS - DESCRIPTION AND OPERATION, PAGEBLOCK 25-51-00/001.

WJE 401-412, 414, 873, 874, 880, 881, 883, 884, 892, 893

- (2) Forward and Mid Lower Cargo Compartments - The forward and mid lower cargo compartments are located between the electrical/electronics compartment and the main gear wheelwells. A fixed partition (cargo divider) separates the forward compartment from the mid compartment. The ceiling, sidewalls, and flooring of the pressurized and heated compartments are removable in sections. Equipment is provided for securing cargo and protecting the cargo door. Access doors in the passenger compartment floor are provided for emergency access to the cargo compartments. An extra range auxiliary fuel tank for the aircraft is installed in the aft end of the mid cargo compartment. For a complete description of the forward and aft lower cargo compartments, Ref. FORWARD AND MID LOWER CARGO COMPARTMENTS - DESCRIPTION AND OPERATION, PAGEBLOCK 25-51-00/001.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 875-879, 886, 887, 891

- (3) Aft Lower Cargo Compartment - The aft lower cargo compartment is located between the main gear wheelwells and the aircraft aft pressure bulkhead. The ceiling, sidewalls, and flooring of the pressurized and heated compartment are removable in sections. Equipment is provided for securing cargo and protecting the cargo door. An access door in the passenger compartment is provided for emergency access to the cargo compartment. For a complete description of the aft lower cargo compartment, Ref. AFT LOWER CARGO COMPARTMENT - DESCRIPTION AND OPERATION, PAGEBLOCK 25-52-00/001.

WJE 401-412, 414, 873, 874, 880, 881, 883, 884, 892, 893

- (4) Aft Lower Cargo Compartment - The aft lower cargo compartment is located between the main gear wheelwells and the aircraft aft pressure bulkhead. The ceiling, sidewalls, and flooring of the pressurized and heated compartment are removable in sections. Equipment is provided for securing cargo and protecting the cargo door. An access door in the passenger compartment is provided for emergency access to the cargo compartment. An extra range auxiliary fuel tank for the aircraft is installed in the forward end of the aft cargo compartment. For a complete description of the aft lower cargo compartment, Ref. FORWARD AND MID LOWER CARGO COMPARTMENTS - DESCRIPTION AND OPERATION, PAGEBLOCK 25-51-00/001.

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WJE ALL

- (5) Compartment Insulation - The cargo compartment enclosure consists of lining panels, insulation blankets and spacer panels. This combination keeps moisture from collecting on the inside of the fuselage skin and insulates the cargo compartment. The insulation blankets are made of low density fiberglass batting covered with light and flexible coated cloth. The blankets are installed in small sections between the fuselage skin and the interior lining of the cargo compartment, and are attached to the fuselage with spring clips. In addition, the blanket sections are connected by taping or stapling a flap from one section to the other. The spacer panels are made from semi-rigid formed plastic sheets. Some spacer panels are positioned between the insulation blankets and the fuselage skin in the floor of the cargo compartment. Other spacer panels are positioned between the insulation blankets and the floor lining in the cargo compartment. The entire blanket and spacer installation forms a vapor barrier and seal for the lower surface of the cargo compartment. Air passes in and around the spacer panels to minimize moisture and condensation, and adds to the efficiency of the entire insulation package.

3. Accessory Compartments

A. Description

- (1) Electrical/Electronics Compartment - The electrical/electronics compartment is located between the nose gear wheelwell and the forward lower cargo compartment in the aircraft. The pressurized compartment houses electrical and electronics equipment, and should be checked and cleaned periodically for accumulation of moisture. External access to the compartment is through a door located aft of the nose wheelwell; internal access is through a door in the flight compartment floor. For a complete description of the electrical/electronics compartment, Ref. ELECTRICAL/ELECTRONICS COMPARTMENT - DESCRIPTION AND OPERATION, PAGEBLOCK 25-53-00/001.
- (2) Forward Accessory Compartment - The forward accessory compartment is located above the nose gear wheelwell in the nose section of the aircraft. The pressurized compartment houses electronics navigation equipment. An access door for the compartment is provided in the wheelwell. For a complete description of the forward accessory compartment, Ref. FORWARD ACCESSORY COMPARTMENT - DESCRIPTION AND OPERATION, PAGEBLOCK 25-55-00/001.
- (3) Nose Gear Wheelwell - The nose gear wheelwell compartment is located in the lower nose section of the aircraft just below the forward accessory compartment. Access to the compartment is through the forward nose gear doors. For a complete description of the nose gear wheelwell, Ref. LANDING GEAR WHEELWELLS - DESCRIPTION AND OPERATION, PAGEBLOCK 25-54-00/001.
- (4) Main Gear Wheelwell - The main gear wheelwell compartment is located below the wing center section of the aircraft just forward of the aft lower cargo compartment. The wheelwell houses hydraulic system components and is accessible through the wheelwell doors. For a complete description of the main gear wheelwell, Ref. LANDING GEAR WHEELWELLS - DESCRIPTION AND OPERATION, PAGEBLOCK 25-54-00/001.
- (5) Aft Accessory Compartment - The aft accessory compartment is located in the tail section of the aircraft just aft of the pressure bulkhead. The compartment houses air conditioning and engine fire extinguishing equipment. Access to the compartment is through the pressure bulkhead exit, tail cone access door, or through the opening when the tail cone is removed. For a complete description of the aft accessory compartment, Ref. AFT ACCESSORY COMPARTMENT - DESCRIPTION AND OPERATION, PAGEBLOCK 25-56-00/001.

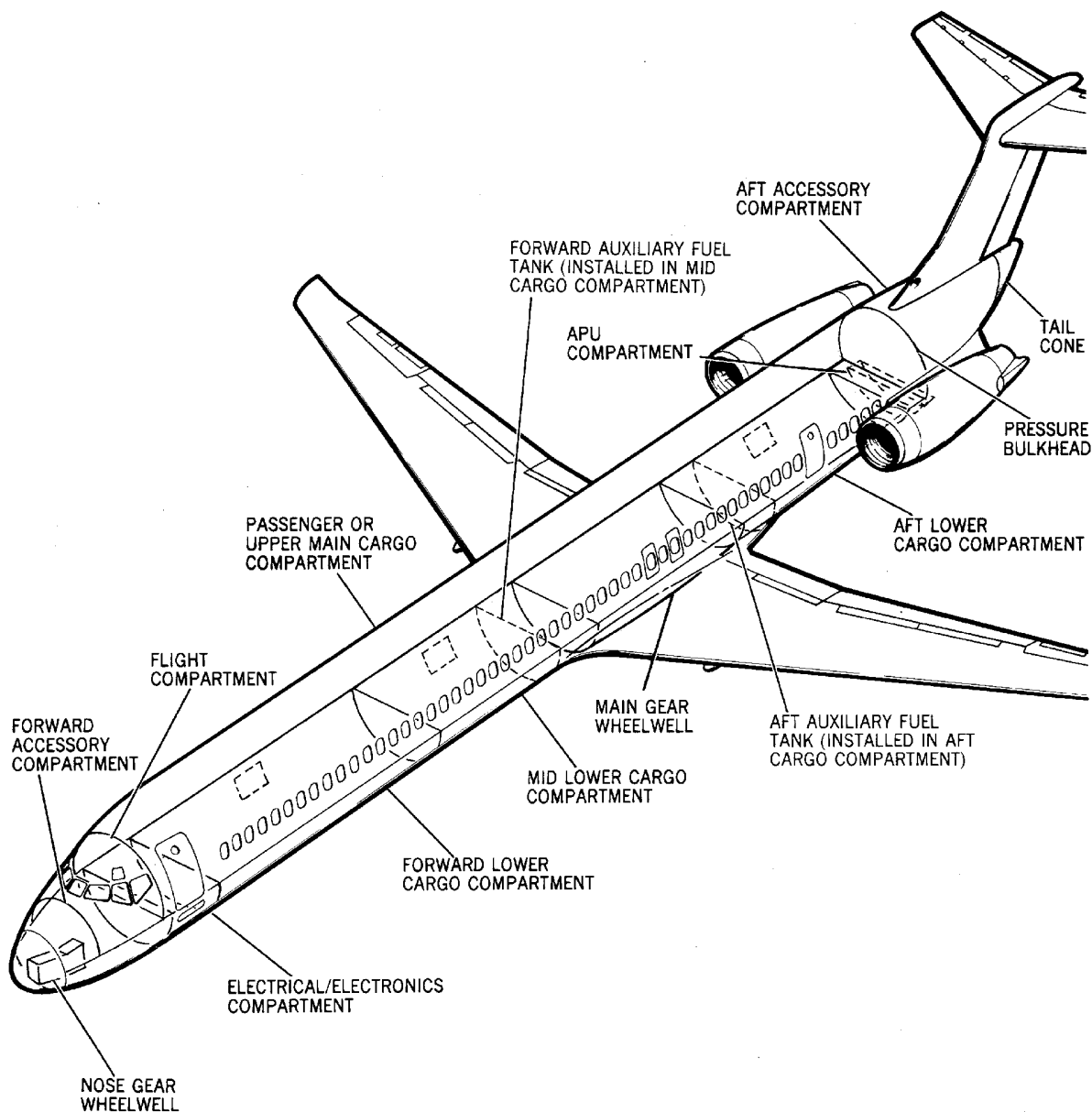
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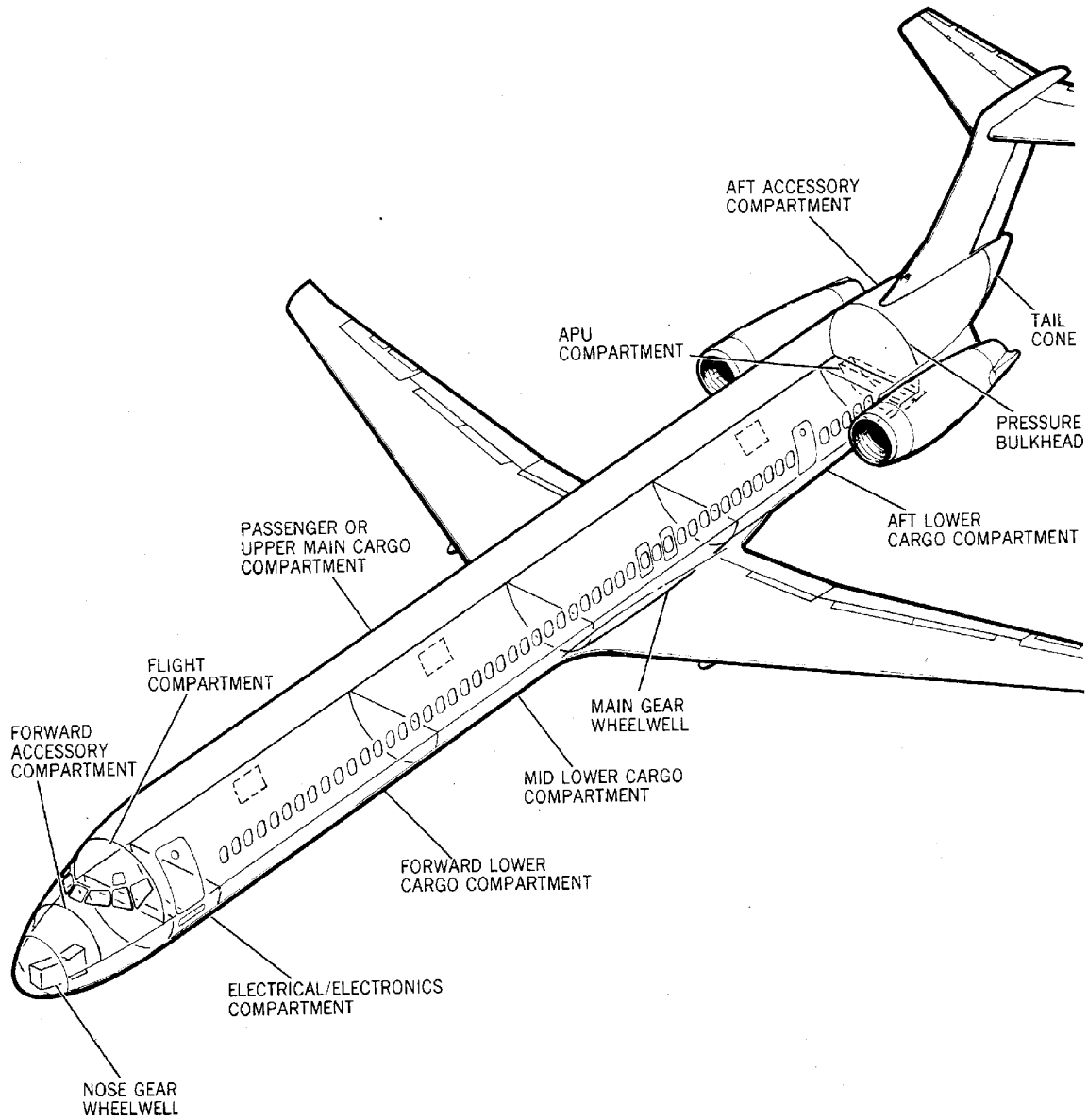
Aircraft Compartments Figure 1
Figure 1/25-50-00-990-801 (Sheet 1 of 2)

EFFECTIVITY
WJE 401-412, 414, 873, 874, 880, 881, 883, 884, 892, 893

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Aircraft Compartments Figure 1
Figure 1/25-50-00-990-801 (Sheet 2 of 2)

EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872,
875-879, 886, 887, 891

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FORWARD AND MID LOWER CARGO COMPARTMENTS - DESCRIPTION AND OPERATION

1. General

- A. The forward and mid lower cargo compartments are located in the lower segment of the fuselage between the electrical/ electronics compartment and the main gear wheelwells.

2. Forward and Mid Lower Cargo Compartments

A. Description

- (1) Forward Cargo Compartment - The forward cargo compartment, located between the electrical/electronics compartment and mid cargo compartment, is pressurized and heated. The area forward of the cargo door is used for transporting live animals and is provided with a nylon (fold-down) thermal barrier to protect the animal cargo. When not required, the thermal barrier is stowed against the compartment ceiling. The ceilings, sidewalls, and flooring are lined with laminated fiberglass panels that are removable in sections to facilitate inspection and repair.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 875-879, 886, 887, 891

- (2) Mid Cargo Compartment - The mid cargo compartment, located between the forward cargo compartment and the main gear wheelwells, is also pressurized, heated, and provided with ceiling, sidewall, and flooring panels identical to those installed in the forward cargo compartment.

WJE 401-412, 414, 873, 874, 880, 881, 883, 884, 892, 893

- (3) Mid Cargo Compartment - The mid cargo compartment, located between the forward cargo compartment and the main gear wheelwells, is also pressurized, heated, and provided with ceiling, sidewall, and flooring panels identical to those installed in the forward cargo compartment. The aircraft forward extra range auxiliary fuel tank is installed in the aft end of the compartment.

WJE 405-411, 880, 881, 883, 884

- (4) Mid Cargo Compartment - The mid cargo compartment, located between the forward cargo compartment and the main gear wheelwells, is also pressurized, heated, and provided with ceiling, sidewall, and flooring panels identical to those installed in the forward cargo compartment. The aircraft forward extra range auxiliary fuel tank is installed in the aft end of the compartment. Extra range fuel tanks are not installed on MD-87 aircraft 152 & 153.

WJE ALL

- (5) Lights - Recessed lights with metal guards are installed to minimize cargo damage in the compartments during loading operations. A switch near each loading door controls the compartment lighting when the cargo compartments are fully loaded.

WJE 405-411, 880, 881, 883, 884

- (6) Cargo Equipment - Equipment provided in the cargo compartments include cargo tie-down tracks, provisions for installation of half-and full-size web barrier nets, a door barrier, a thermal barrier (forward compartment only), and an access door to the compartment from the passenger compartment. The rigid door barrier consists of a hinged honeycomb panel with fabric side panels that fold when the barrier is stowed for loading operations.

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WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871-879, 886, 887, 891-893

- (7) Cargo Equipment - Equipment provided in the cargo compartments include cargo tie-down tracks, provisions for installation of half-and full-size web barrier nets, a door barrier, a thermal barrier (forward compartment only), and an access door to the compartment from the passenger compartment. The rigid door barrier consists of a hinged honeycomb panel with fabric side panels that fold when the barrier is stowed for loading operations. The rigid door barrier panel is marked with instructions as follows: "BARRIER CURTAIN MUST BE SECURED TO FLOOR FITTINGS PRIOR TO CLOSING CARGO DOOR."

WJE ALL

- (8) Cargo Compartment Access - Entrance to the cargo compartments can be gained through the compartment access door. The access door is located between the seat tracks in the passenger compartment above the cargo door. When entrance to the cargo compartment is required, the passenger seat obstructing the access door should be removed. The access door can be opened by lifting the carpet cover (using attached straps if installed), removing door attachment screws, lifting door from the opening, and forcing out the kick-out panel.

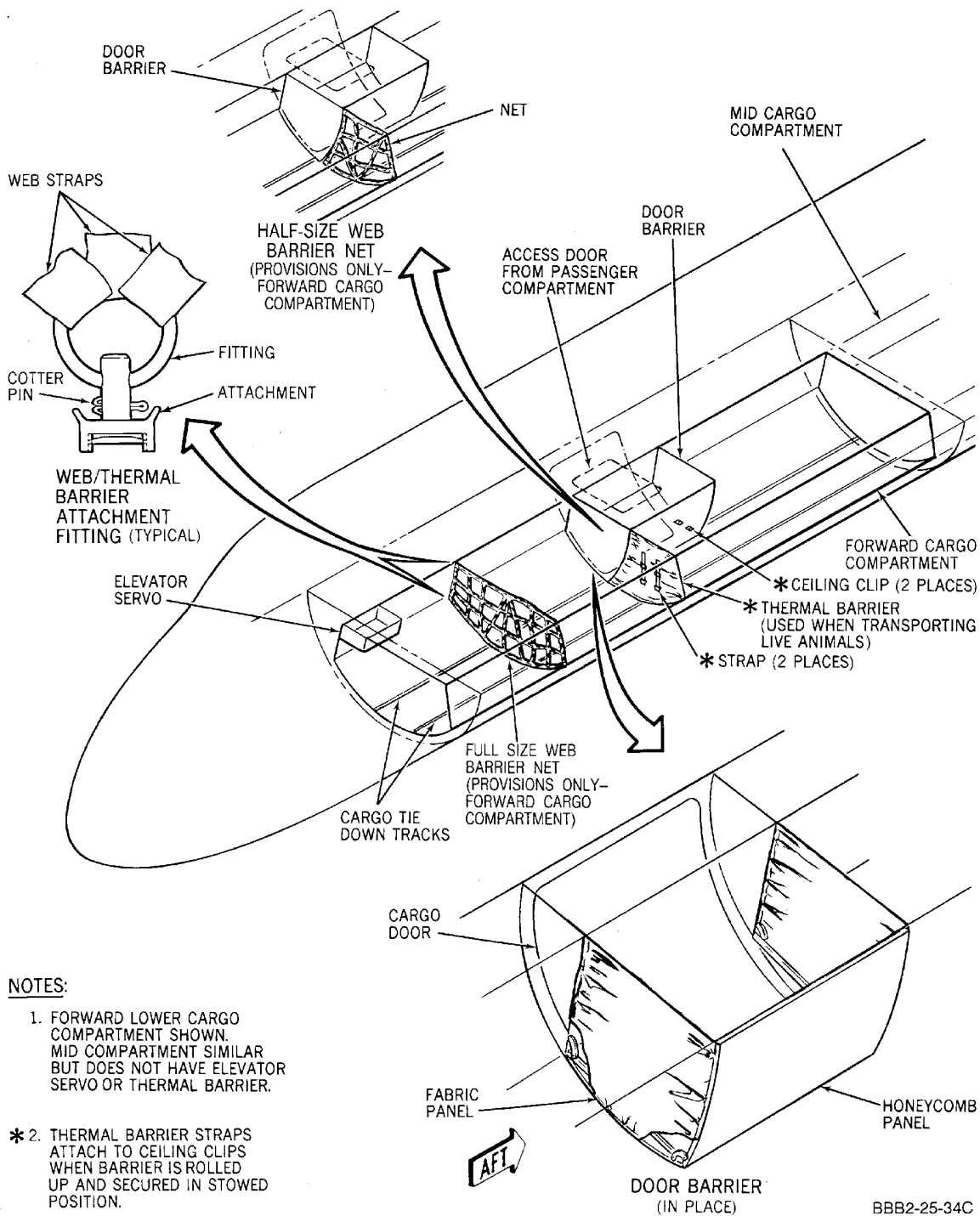
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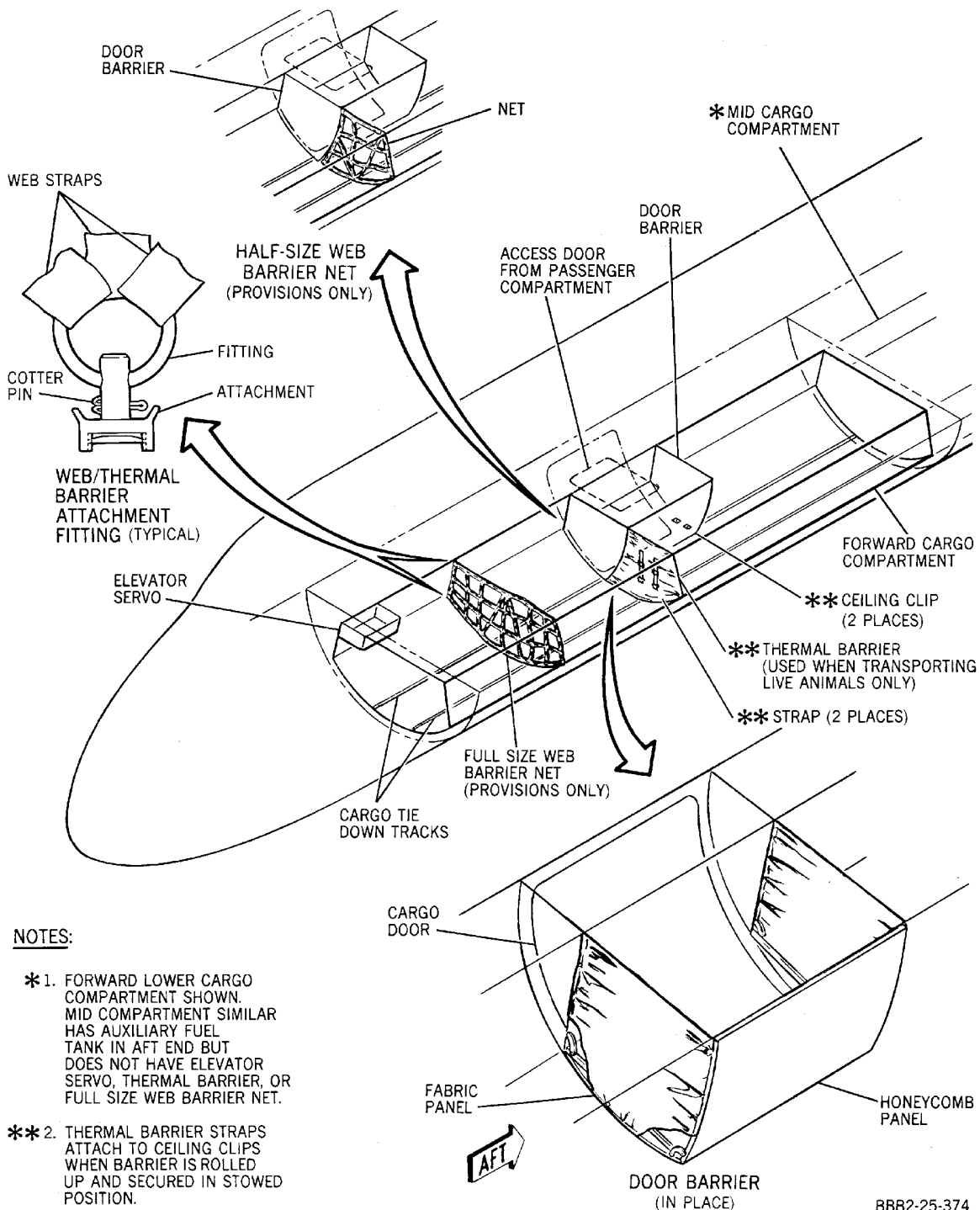
**Forward and Mid Lower Cargo Compartments -- Typical
Figure 1/25-51-00-990-801 (Sheet 1 of 2)**

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WJE 415-427, 429, 861-866, 868, 869, 871, 872,
875-879, 886, 887, 891

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NOTES:

- * 1. FORWARD LOWER CARGO COMPARTMENT SHOWN. MID COMPARTMENT SIMILAR HAS AUXILIARY FUEL TANK IN AFT END BUT DOES NOT HAVE ELEVATOR SERVO, THERMAL BARRIER, OR FULL SIZE WEB BARRIER NET.
- ** 2. THERMAL BARRIER STRAPS ATTACH TO CEILING CLIPS WHEN BARRIER IS ROLLED UP AND SECURED IN STOWED POSITION.

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**Forward and Mid Lower Cargo Compartments -- Typical
Figure 1/25-51-00-990-801 (Sheet 2 of 2)**

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WJE 401-412, 414, 873, 874, 880, 881, 883, 884, 892, 893

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AFT LOWER CARGO COMPARTMENT - DESCRIPTION AND OPERATION

1. General

- A. The aft lower cargo compartment is located in the lower segment of the fuselage between the main gear wheelwells and the aft pressure bulkhead. (Figure 1)

2. Aft Lower Cargo Compartment

- A. Description

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 875-879, 891

- (1) Aft Cargo Compartment - The aft compartment is pressurized and heated. The ceiling, sidewalls, and flooring are lined with laminated fiberglass panels that are removable in sections, to facilitate inspection and repair.

WJE 401-404, 412, 414, 873, 874, 892, 893

- (2) Aft Cargo Compartment - The aft compartment is pressurized and heated. The ceiling, sidewalls, and flooring are lined with laminated fiberglass panels that are removable in sections, to facilitate inspection and repair. The aircraft aft extra range fuel tank is installed in the forward end of the compartment.

WJE 405-411, 880, 881, 883, 884

- (3) Aft Cargo Compartment - The aft compartment is pressurized and heated. The ceiling, sidewalls, and flooring are lined with laminated fiberglass panels that are removable in sections, to facilitate inspection and repair. The aircraft aft extra range fuel tank is installed in the forward end of the compartment. Extra range fuel tanks are not installed on MD-87 aircraft 151-153.

WJE ALL

- (4) Cargo Equipment - Equipment provided in the cargo compartments include cargo tie-down tracks, provisions for installation of half-and full-size web barrier nets, a door barrier, and an access door to the compartment from the passenger compartment. The rigid door barrier consists of a hinged honeycomb panel with fabric side panels that fold when the barrier is stowed for loading operations. The rigid door barrier panel is marked with instructions as follows: "BARRIER CURTAIN MUST BE SECURED TO FLOOR FITTINGS PRIOR TO CLOSING CARGO DOOR."
- (5) Cargo Compartment Access - Entrance to the cargo compartment can be gained through the compartment access door. The access door is located between the seat tracks in the passenger compartment above the cargo door. When entrance to the cargo compartment is required, the passenger seat obstructing the access door should be removed. The access door can be opened by lifting the carpet cover (using attached straps if installed), removing door attachment screws, lifting door from the opening, and forcing out the kick-out panel.

WJE 401-412, 414, 873, 874, 880, 881, 883, 884, 892, 893

- (6) Emergency Entrance - In an emergency, entrance to the cargo compartment can be gained through the compartment access door. The access door is located between the seat tracks in the passenger compartment above the cargo door. When entrance to the cargo compartment is required, the passenger seat obstructing the access door should be removed. The access door can be opened by lifting the carpet cover (using attached straps), removing door attachment screws, lifting door from the opening, and forcing out the kick-out panel.

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WJE ALL

- (7) Lights - Recessed lights with metal guards are installed to minimize cargo damage in the compartments during loading operations. A switch near the loading door controls the compartment lighting when the cargo compartments are fully loaded.

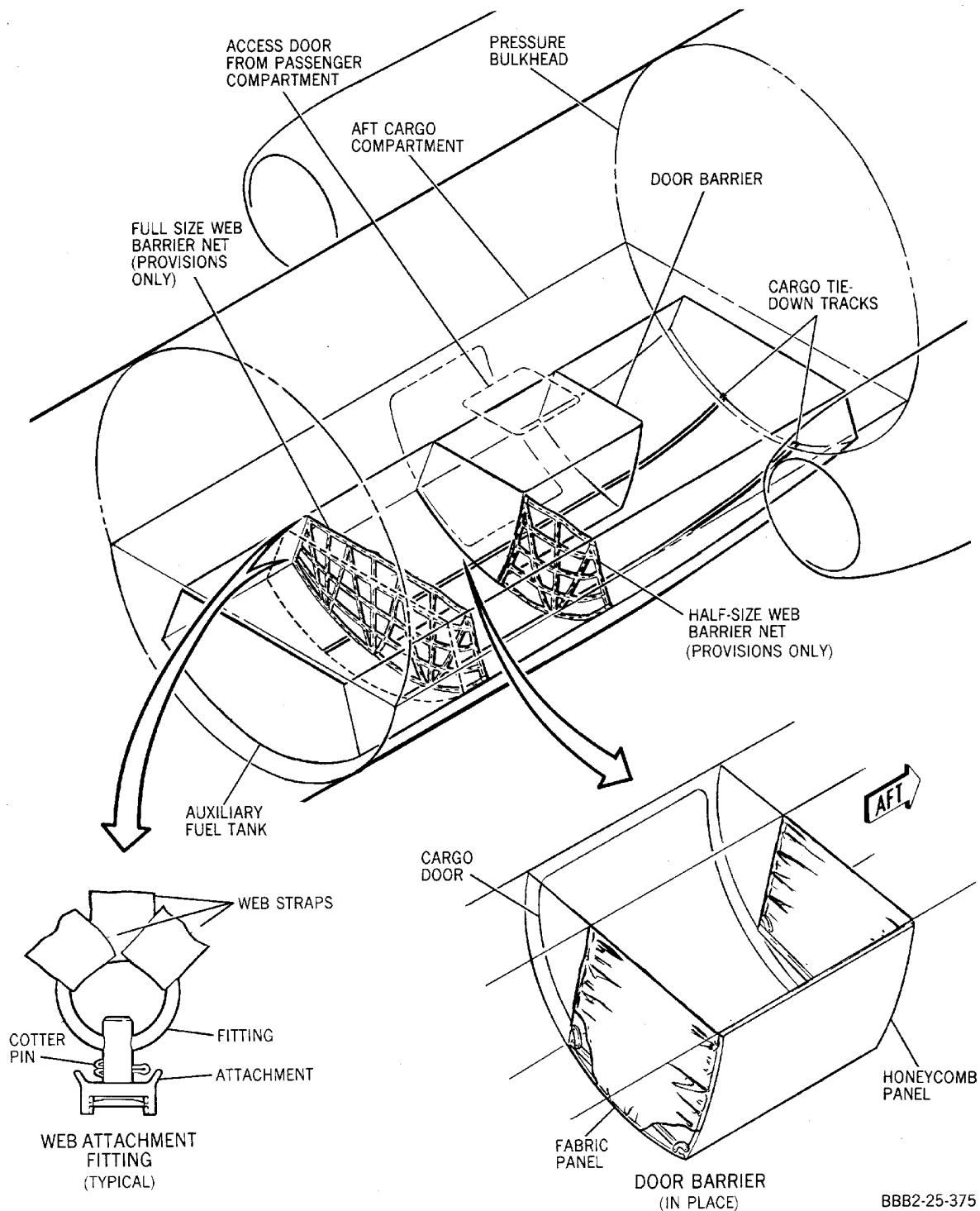
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Aft Lower Cargo Compartment
Figure 1/25-52-00-990-801 (Sheet 1 of 2)

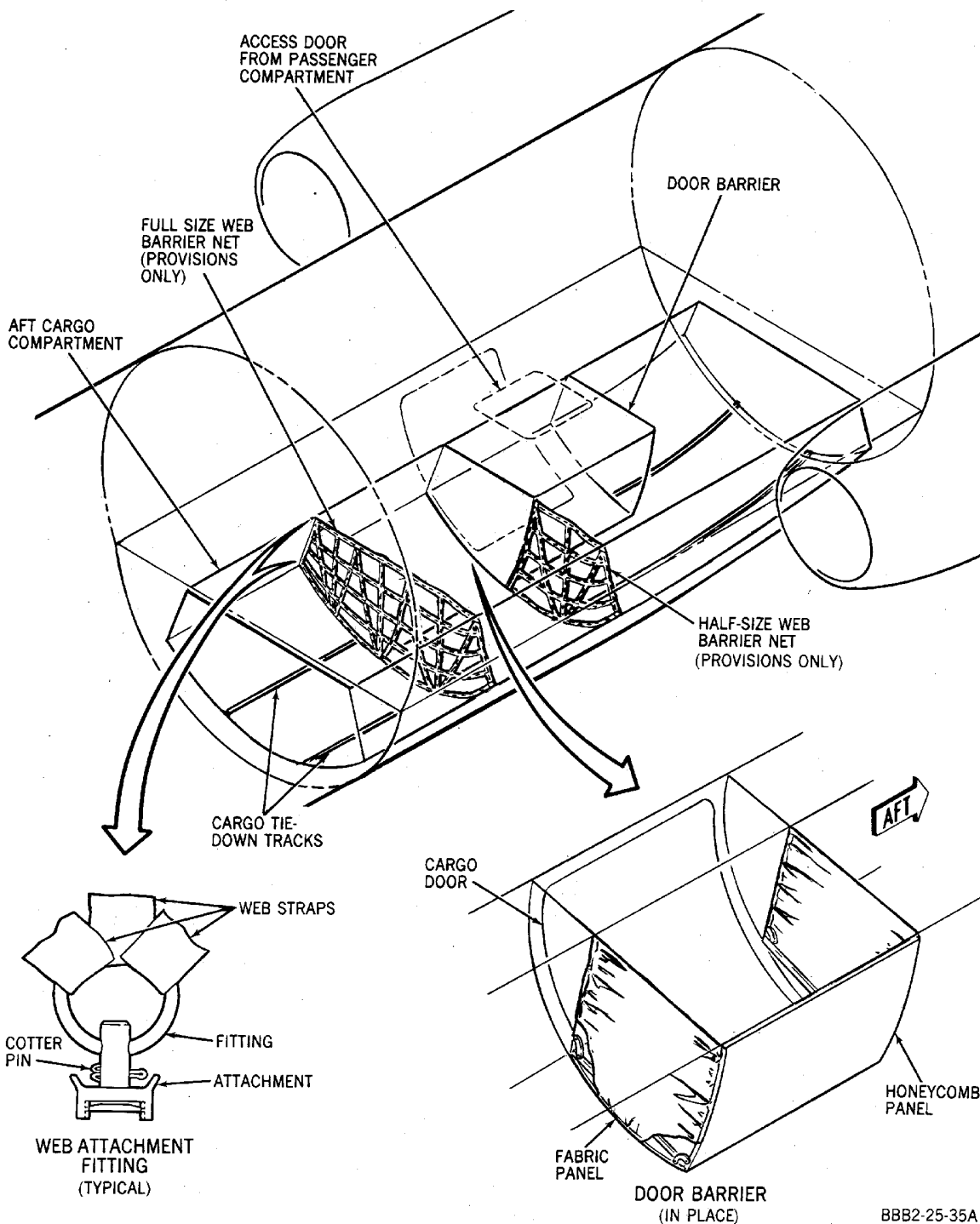
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WJE 401-412, 414, 873, 874, 880, 881, 883, 884, 892, 893

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**Aft Lower Cargo Compartment
Figure 1/25-52-00-990-801 (Sheet 2 of 2)**

EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872,
875-879, 886, 887, 891

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LOWER CARGO COMPARTMENT PANELS - MAINTENANCE PRACTICES

1. General

- A. The sidewall, ceiling, and floor panels that form the finished interior of the forward, mid, and aft lower cargo compartments are secured to the aircraft structure with screws and trim strips. Adhesive tape is applied as a sealant between the panel edges and supporting structure. Adhesive tape is also used to seal light fixture and other cutouts in the panel (Paragraph 2.). The panels are not normally removed except to facilitate structure inspection or repair.
- B. Hinged access panels in the cargo compartment sidewalls are secured to the aircraft structure with captive fasteners. A rubber gasket is provided as a seal between the panel edges and supporting structure.
- C. Removable access panels on the aft bulkhead in the aft cargo compartment are secured with screws. Adhesive tape is used as a sealant between the panel edges and bulkhead.
- D. Scuff plates and tie-down brackets are provided in the cargo doorway area and must be removed prior to removing doorway panels. The exposed edges of the scuff plates and tie-down brackets are sealed with aluminized sealant. The exposed edges of component covers, panel joints in the compartment corners, and tie-down track and track trim butt-joints are also sealed with aluminized sealant. (Paragraph 2.)
- E. When removed, the panels should be identified to facilitate installation. The installation procedures are typical for all panels, except as noted.

WJE 412, 414

- F. No tears or holes are permitted in the cargo compartment panels. (Ref. Structural Repair Manual and Midwest Airlines EA 25-009 for repair information)

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2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed items:

NOTE: It is possible that some materials in the Equipment and Materials List cannot be used for some or all of their necessary applications. Before you use the materials, make sure the types, quantities, and applications of the materials necessary are legally permitted in your location. All persons must obey all applicable federal, state, local, and provincial laws and regulations when it is necessary to work with these materials.

Table 201

Name and Number	Manufacturer
Accelerator, tack-free time P/S 815 DPM 6141	Courtaulds Aerospace Inc. Sealants Div. Glendale, CA
Cord, nylon, utility 300 NOR 17 DPM 5349-1	Western Filament Inc. Grand Junction, CO
Sealant, aluminized, CS-2410 DMS QPL 1819	Chemical Seal Corp. of America Los Angeles, CA
Sealant, B-2 PR-1422 DMS QPL 2082	Courtaulds Aerospace Inc. Sealants Div. Glendale, CA
WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893	
Sealant, low specific gravity PR-1429 DPM 5941	Courtaulds Aerospace Inc. Sealants Div. Glendale, CA
WJE 412, 414	
Sealant, low adhesion PR-1428 DMS QPL 2410	PRC Aerospace Sealants (HB FULLER) Glendale, CA

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WJE WJE 412, 414 (Continued)
WJE

Table 201 (Continued)

	Name and Number	Manufacturer
WJE	WJE ALL	
	Cleaner/Solvent, Handwipe DPM 6380-4	Dynamic Solvents, Inc. Ft. Worth, TX
	Tape, adhesive, aluminum backed (Scotch No. 425) CPN 5813113	Minn. Mining & Mfg. Co.
	Tape, riveter's Scotch #685, Y9021 Manufacturing Co. DPM 242	Minn. Mining & Mfg. Co.
WJE	WJE 412, 414	
WJE	Tape, Glass Cloth, 398FRP	3M Industrial Tape Div. St. Paul, MN
WJE	(Cargo Compartment seams between panel edges and supporting structure)	
WJE	Tape, Glass Cloth 367FR	3M Industrial Tape, Div.
WJE	Tape, Glass Cloth 367FR-P	3M Industrial Tape, Div.
WJE	Tape, cargo compartment, Polyken 290FR	Tyco Adhesives, Norwood, MA
WJE	Tape, cargo compartment, P-621	Permacel, New Brunswick, NJ
WJE	WJE ALL	
	Tape, urethane foam, flexible PYRELL 2 lbs w/PSA-256M, 1-inch wide 1/4 inch thick DMS QPL2000 Type 3, Class A	Expanded Rubber & Plastics Corporation
	Tape, urethane foam, flexible PYR 2 lbs w/PSA A505-12PT, 1-inch wide 1/4 inch thick DMS QPL2000 Type 3, Class A	Advance Materials, Inc.
	White cotton wipers, Type 1, Class A	

3. Removal/Installation Sidewall, Ceiling, and Floor Panels

A. Remove Panel

- (1) Remove all equipment from cargo compartment that prohibits or obstructs removal of panels. (FORWARD AND MID LOWER CARGO COMPARTMENTS - DESCRIPTION AND OPERATION, PAGEBLOCK 25-51-00/001 and AFT LOWER CARGO COMPARTMENT - DESCRIPTION AND OPERATION, PAGEBLOCK 25-52-00/001)
- (2) Remove light fixture, fuel tank track, and elevator servo covers as required to facilitate removal of panels. Covers are secured to structure with screws. Retain covers.
NOTE: Fuel tank track covers are in aft upper corners of mid cargo compartment. Elevator servo cover is in forward upper right corner of forward cargo compartment.
- (3) Remove screws and trim from edges of panel.
- (4) In cargo doorway area, remove scuff plates and tie-down brackets to facilitate removal of panels. Retain scuff plates and tie-down brackets.
- (5) Remove panel and remove tape from structure.
- (6) If applicable, remove hinged access panel(s) from cargo compartment sidewalls as follows:
 - (a) Loosen captive fasteners and open panel.
 - (b) Remove hinge pin and remove panel.

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(c) Check condition of rubber gasket but do not remove from structure unless damaged.

NOTE: Gasket is secured to sidewall structure with rubber retainer studs.

(7) If applicable, remove removable access panel(s) from aft bulkhead (in aft cargo compartment only) as follows:

(a) Remove screws from edges of panel and remove panel.

(b) Remove tape from structure.

B. Install Panel

WARNING: HANDWIPE CLEANER/SOLVENT IS AN AGENT THAT IS FLAMMABLE AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN HANDWIPE CLEANER/SOLVENT IS USED.

- DO NOT USE IN AREAS WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
- USE IN AN AREA OPEN TO THE AIR.
- CLOSE THE CONTAINER WHEN NOT USED.
- DO NOT GET HANDWIPE CLEANER/SOLVENT IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
- DO NOT BREATHE THE GAS.

WARNING: REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIER'S MSDS FOR:

- MORE PRECAUTIONARY DATA
- APPROVED SAFETY EQUIPMENT
- EMERGENCY MEDICAL AID.

TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE PROCEDURES TO DISCARD THESE HAZARDOUS AGENTS.

(1) Using cleaner/solvent, handwipe (DPM 6380-4), clean surfaces of panel and supporting structure that will come in contact during installation.

(2) Wipe surfaces dry with clean cotton wipers.

WARNING: FLEXIBLE URETHANE FOAM TAPE IS AN AGENT THAT IS A LOW HAZARD. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN FLEXIBLE URETHANE FOAM TAPE IS USED.

- DO NOT USE IN AREAS WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
- USE IN AN AREA OPEN TO THE AIR.
- CLOSE THE CONTAINER WHEN NOT USED.

WARNING: REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIER'S MSDS FOR:

- MORE PRECAUTIONARY DATA
- APPROVED SAFETY EQUIPMENT
- EMERGENCY MEDICAL AID.

TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE PROCEDURES TO DISCARD THIS HAZARDOUS AGENT.

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(WARNING PRECEDES)

CAUTION: DO NOT APPLY TAPE ON PERIPHERY OF KICK-OUT PANELS LOCATED ABOVE CARGO DOOR IN CEILING. PANELS ARE PROVIDED WITH SLOTS INSTEAD OF ATTACHMENT HOLES AROUND EDGES.

(3) Install tape on supporting structure, including structure at panel cutout areas.

CAUTION: PRIOR TO INSTALLING CARGO COMPARTMENT FLOOR PANELS IN AIRCRAFT WITH AUXILIARY FUEL TANKS, ENSURE THE AUXILIARY FUEL TANK CAVITY DRAIN LINE(S) IS NOT DAMAGED. A DAMAGED DRAIN LINE MAY FRACTURE AND ALLOW CABIN AIR PRESSURE TO ENTER THE AUXILIARY TANK CAVITIES, RESULTING IN COLLAPSED FUEL CELLS AND DAMAGE TO ASSOCIATED COMPONENTS.

(4) Place panel in position on supporting structure; then, install trim and secure panel to structure with screws.

(5) On aircraft with curved or flat floor panels, secured to cargo tiedown tracks, proceed as follows:(Figure 201 or Figure 202)

(a) Cut utility nylon cord (300 NOR 17) to length and width of floor panel and install around panel periphery. Terminate all ends at panel corners.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

WARNING: LOW SPECIFIC GRAVITY SEALANT IS AN AGENT THAT IS POISONOUS AND AN OXIDIZER. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN LOW SPECIFIC GRAVITY SEALANT IS USED.

- DO NOT USE IN AREAS WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
- USE IN AN AREA OPEN TO THE AIR.
- CLOSE THE CONTAINER WHEN NOT USED.
- DO NOT GET LOW SPECIFIC GRAVITY SEALANT IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
- DO NOT BREATHE THE GAS.

WARNING: REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIER'S MSDS FOR:

- MORE PRECAUTIONARY DATA
- APPROVED SAFETY EQUIPMENT
- EMERGENCY MEDICAL AID.

TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE PROCEDURES TO DISCARD THIS HAZARDOUS AGENT.

(b) Fill gaps with low specific gravity sealant (PR-1429) as required.

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WJE 412, 414

- WJE **WARNING:** LOW ADHESION SEALANT IS AN AGENT THAT IS POISONOUS. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN LOW ADHESION SEALANT IS USED.
- WJE
- WJE
- WJE • DO NOT USE IN AREAS WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
 - WJE
 - WJE • USE IN AN AREA OPEN TO THE AIR.
 - WJE
 - WJE • CLOSE THE CONTAINER WHEN NOT USED.
 - WJE
 - WJE • DO NOT GET LOW ADHESION SEALANT IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
 - WJE
 - WJE • DO NOT BREATHE THE GAS.

- WJE **WARNING:** REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIER'S MSDS FOR:
- WJE
- WJE • MORE PRECAUTIONARY DATA
 - WJE • APPROVED SAFETY EQUIPMENT
 - WJE • EMERGENCY MEDICAL AID.
- WJE TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE PROCEDURES TO DISCARD THIS HAZARDOUS AGENT.
- WJE
- WJE (c) Fill gaps with low adhesion sealant (PR-1428) as required.

WJE **WJE ALL**

- WARNING:** INTEGRAL FUEL TANKS SEALING COMPOUND (POLYSULFIDE SEALANT B1/2 AND B2) IS AN AGENT THAT IS POISONOUS AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY ALL OF THE PRECAUTIONS WHEN INTEGRAL FUEL TANKS SEALING COMPOUND IS USED.
- GAS/AIR MIXTURES MORE THAN THE LOWER EXPLOSIVE LIMIT (LEL) CAN CAUSE AN EXPLOSION IF HIGH HEAT, SPARKS, OR FLAMES SUPPLY IGNITION.
 - USE IN AN AREA OPEN TO THE AIR.
 - CLOSE THE CONTAINER WHEN NOT USED.
 - DO NOT GET INTEGRAL FUEL TANKS SEALING COMPOUND IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
 - DO NOT BREATHE THE GAS.

- WARNING:** REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIER'S MSDS FOR:
- MORE PRECAUTIONARY DATA
 - APPROVED SAFETY EQUIPMENT
 - EMERGENCY MEDICAL AID.
- TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE PROCEDURES TO DISCARD THIS HAZARDOUS AGENT.

- (d) Apply B-2 sealant (PR-1422) between outboard edge of tiedown track and inboard edge of trim strip, and along outboard edge of trim strip.

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- (e) Wet install screws through curved floor (including trim strip) and outboard leg of tiedown track with B-2 sealant (PR-1422).

WARNING: TACK-FREE TIME ACCELERATOR IS AN AGENT THAT IS FLAMMABLE, A SENSITIZER, AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN TACK-FREE TIME ACCELERATOR IS USED.

- DO NOT USE IN AREAS WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
- USE IN AN AREA OPEN TO THE AIR.
- CLOSE THE CONTAINER WHEN NOT USED.
- DO NOT GET TACK-FREE TIME ACCELERATOR IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
- DO NOT BREATHE THE GAS.

WARNING: REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIER'S MSDS FOR:

- MORE PRECAUTIONARY DATA
- APPROVED SAFETY EQUIPMENT
- EMERGENCY MEDICAL AID.

TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE PROCEDURES TO DISCARD THIS HAZARDOUS AGENT.

- (f) Apply a light mist coating of tack-free time accelerator (P/S 815) to exposed surface of sealant filled-in-gaps at floor panel.
- (6) Install light fixture, fuel tank track, and elevator servo covers. Secure covers to structure with screws.
- (7) If removed, install hinged access panel(s) on cargo compartment sidewalls as follows:
- (a) Check that gasket is attached to supporting structure.
- NOTE:** Gasket is installed dry, without sealant.
- (b) Install and secure panel to structure with hinge pin. Peen ends to secure hinge pin.
- (c) Close and secure panel with captive fasteners.
- (8) If removed, install removable access panel(s) on aft bulkhead (in aft cargo compartment only) as follows:

WARNING: HANDWIPE CLEANER/SOLVENT IS AN AGENT THAT IS FLAMMABLE AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN HANDWIPE CLEANER/SOLVENT IS USED.

- DO NOT USE IN AREAS WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
- USE IN AN AREA OPEN TO THE AIR.
- CLOSE THE CONTAINER WHEN NOT USED.
- DO NOT GET HANDWIPE CLEANER/SOLVENT IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
- DO NOT BREATHE THE GAS.

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(WARNING PRECEDES)

WARNING: REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIER'S MSDS FOR:

- MORE PRECAUTIONARY DATA
- APPROVED SAFETY EQUIPMENT
- EMERGENCY MEDICAL AID.

TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE PROCEDURES TO DISCARD THESE HAZARDOUS AGENTS.

- (a) Using cleaner/solvent, handwipe, clean surfaces of panel and bulkhead that will come in contact during installation.
- (b) Wipe surfaces dry with clean cotton wipers.

WARNING: FLEXIBLE URETHANE FOAM TAPE IS AN AGENT THAT IS A LOW HAZARD. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN FLEXIBLE URETHANE FOAM TAPE IS USED.

- DO NOT USE IN AREAS WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
- USE IN AN AREA OPEN TO THE AIR.
- CLOSE THE CONTAINER WHEN NOT USED.

WARNING: REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIER'S MSDS FOR:

- MORE PRECAUTIONARY DATA
- APPROVED SAFETY EQUIPMENT
- EMERGENCY MEDICAL AID.

TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE PROCEDURES TO DISCARD THIS HAZARDOUS AGENT.

- (c) Install tape on supporting structure of bulkhead.
 - (d) Place panel in position and secure to bulkhead with screws.
- (9) In cargo doorway area, install scuff plates and tie-down brackets as follows:

WARNING: HANDWIPE CLEANER/SOLVENT IS AN AGENT THAT IS FLAMMABLE AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN HANDWIPE CLEANER/SOLVENT IS USED.

- DO NOT USE IN AREAS WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
- USE IN AN AREA OPEN TO THE AIR.
- CLOSE THE CONTAINER WHEN NOT USED.
- DO NOT GET HANDWIPE CLEANER/SOLVENT IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
- DO NOT BREATHE THE GAS.

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(WARNING PRECEDES)

WARNING: REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIER'S MSDS FOR:

- MORE PRECAUTIONARY DATA
- APPROVED SAFETY EQUIPMENT
- EMERGENCY MEDICAL AID.

TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE PROCEDURES TO DISCARD THESE HAZARDOUS AGENTS.

- Using cleaner/solvent, handwipe, clean surfaces of scuff plates, tie-down brackets, and supporting structure that will come in contact during installation.
- Wipe surfaces dry with clean cotton wipers.
- Install and secure scuff plates and tie-down brackets to structure with screws.

WARNING: POLYSULFIDE ALUMINIZED SEALANT IS AN AGENT THAT IS FLAMMABLE, EXPLOSIVE, POISONOUS, AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN POLYSULFIDE ALUMINIZED SEALANT IS USED.

- GAS/AIR MIXTURES MORE THAN THE LOWER EXPLOSIVE LIMIT (LEL) CAN CAUSE AN EXPLOSION IF HIGH HEAT, SPARKS, OR FLAMES SUPPLY IGNITION.
- USE IN AN AREA OPEN TO THE AIR.
- CLOSE THE CONTAINER WHEN NOT USED.
- DO NOT GET POLYSULFIDE ALUMINIZED SEALANT IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
- DO NOT BREATHE THE GAS.

WARNING: REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIER'S MSDS FOR:

- MORE PRECAUTIONARY DATA
- APPROVED SAFETY EQUIPMENT
- EMERGENCY MEDICAL AID.

TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE PROCEDURES TO DISCARD THIS HAZARDOUS AGENT.

- Seal edges of scuff plates and tie-down brackets with fillet of aluminized sealant CS-2410 (Chemical Seal Corporation).
 - Apply riveter's tape #685 (Minnesota Mining & Manufacturing Company) over sealant to protect against foreign material during curing period.
 - Remove riveter's tape after sealant has cured.
- (10) Apply fillet of aluminized sealant CS-2410 (Chemical Seal Corporation) to butt-joints of trim on both sides of tie-down track as required. Verify that sealant is also applied to butt-joints of tie-down tracks.
- (11) Apply fillet of aluminized sealant CS-2410 (Chemical Seal Corporation) to prevent air leaks in cargo compartment as follows:
- Apply and extend sealant 1 inch out from corners at panel joints (8 places).

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- (b) Apply sealant around fuel tank track covers (in mid cargo compartment) and elevator servo cover (in forward cargo compartment).
- (12) Install equipment previously removed from cargo compartment to facilitate removal of panels. (FORWARD AND MID LOWER CARGO COMPARTMENTS - DESCRIPTION AND OPERATION, PAGEBLOCK 25-51-00/001 and AFT LOWER CARGO COMPARTMENT - DESCRIPTION AND OPERATION, PAGEBLOCK 25-52-00/001)

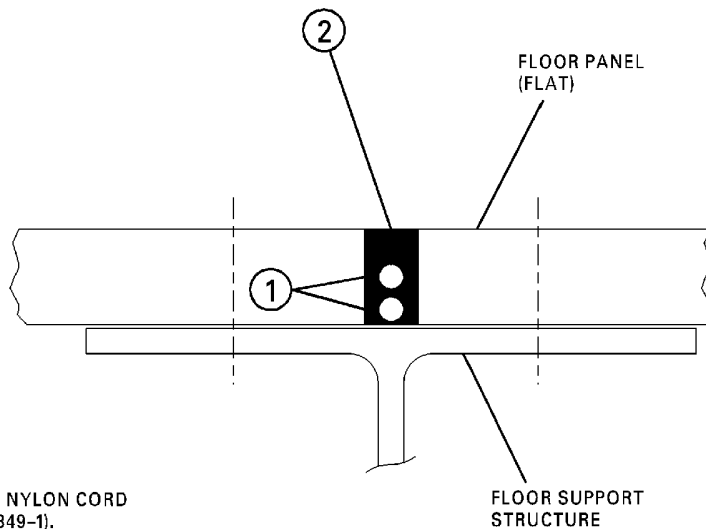
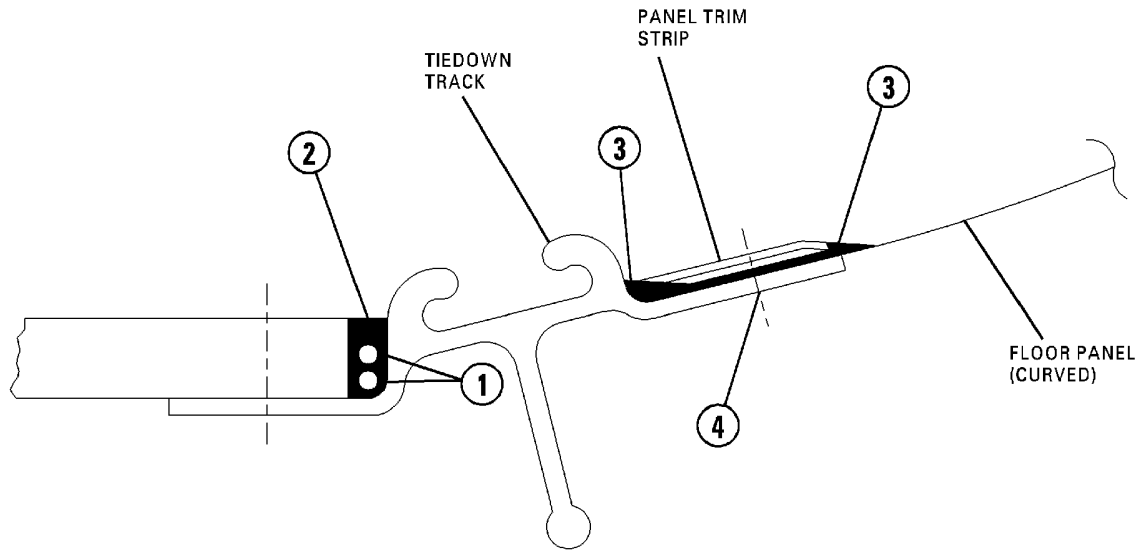
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NOTES:

1. UTILITY NYLON CORD (DPM 5349-1).
2. LOW SPECIFIC GRAVITY SEALANT (DPM 5941).
3. B2 SEALANT (DMS QPL 2082).
4. SCREW/FASTENERS (TYPICAL LOCATIONS).

CAG(IGDS)

BBB2-25-705

**Floor Panels -- Installation
Figure 201/25-52-01-990-801**

EFFECTIVITY

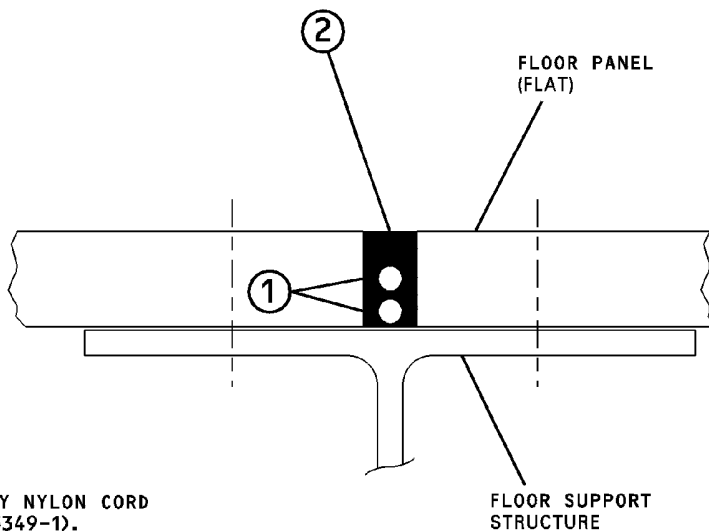
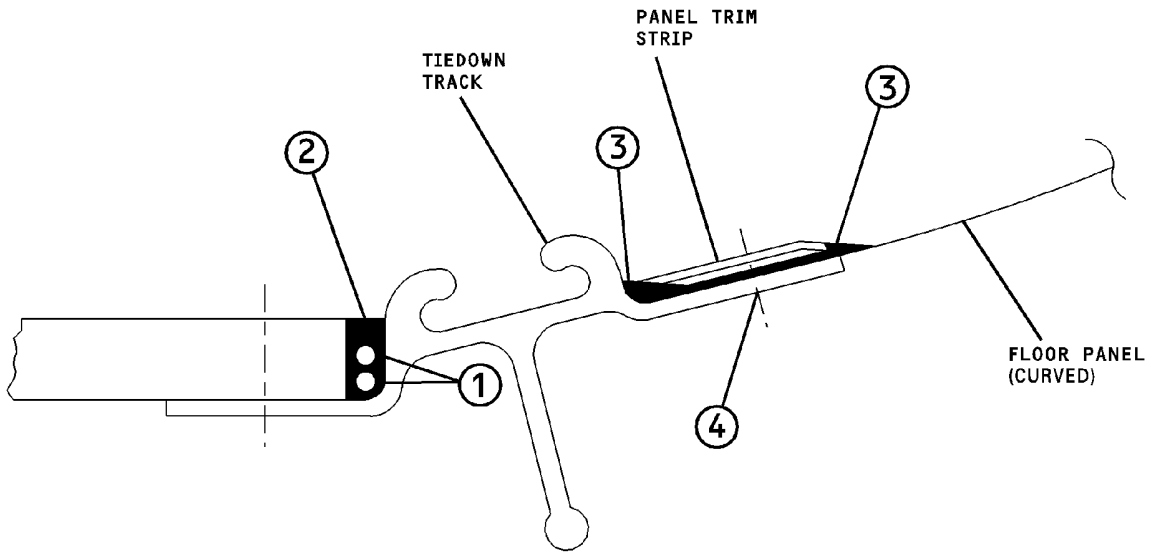
WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

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NOTES:

1. UTILITY NYLON CORD (DPM 5349-1).
2. LOW ADHESION SEALANT (PR1428)
3. B2 SEALANT (DMS QPL 2082).
4. SCREW/FASTENERS (TYPICAL LOCATIONS).

CAG(IGDS)

BBB2-25-781

WJE
WJE

**Floor Panels-- Installation
Figure 202/25-52-01-990-802**

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WJE 412, 414

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CARGO DOOR BARRIER LATCH - MAINTENANCE PRACTICES

1. General

- A. The cargo door barrier in the forward, center, and aft lower cargo compartments is provided with latches that engage catches on the cargo doorjamb. The cargo door must be fully opened before the door barrier can be raised in the up position. The procedures for removal and installation of all latches are identical except as noted.

2. Removal/Installation Cargo Door Barrier Latch

- A. Remove Latch

Figure 201

WJE 422, 429

- (1) Remove latch bolts (2 places) from door barrier.

WJE 401-412, 414, 415, 417, 419, 421, 423, 425, 427, 863-866, 868, 873, 874, 876-881, 883, 884, 886, 887, 892, 893

- (2) Remove nuts, washers, and bolts (2 places) from latch support bracket on door barrier.
(3) Remove latch and support bracket.

WJE 422, 429

- (4) Remove latch.

WJE ALL

- B. Install Latch

WJE 422, 429

- (1) Using latch bolts (2 places), attach latch to door barrier. Do not tighten bolts.

WJE 401-412, 414, 415, 417, 419, 421, 423, 425, 427, 863-866, 868, 873, 874, 876-881, 883, 884, 886, 887, 892, 893

- (2) Using bolts, washers, and nuts (2 places), attach latch support bracket to door barrier. Do not tighten bolts.

WJE 422, 429

- (3) Position latch so that latch release button clears outboard edge of thumb access hole in door barrier; then, tighten bolts.

WJE 401-412, 414, 415, 417, 419, 421, 423, 425, 427, 863-866, 868, 873, 874, 876-881, 883, 884, 886, 887, 892, 893

- (4) Position latch support bracket so that latch release button clears outboard edge of thumb access hole in door barrier; then, tighten bolts.

WJE ALL

- C. Remove Catch

WJE 422, 429

- (1) Remove catch bolts (2 places) from cargo doorjamb (or from doorjamb bracket in aft cargo compartment only).

WJE 401-412, 414, 415, 417, 419, 421, 423, 425, 427, 863-866, 868, 873, 874, 876-881, 883, 884, 886, 887, 892, 893

- (2) Remove catch bolts and washers (2 places) from cargo doorjamb (or nuts, washers, and bolts from doorjamb bracket in aft cargo compartment only).

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WJE ALL

- (3) Remove catch and shims. Retain shims for installation.
- D. Install Catch

WJE 422, 429

- (1) Using catch bolts (2 places), install catch on doorjamb (or on doorjamb bracket in aft cargo compartment only).

WJE 401-412, 414, 415, 417, 419, 421, 423, 425, 427, 863-866, 868, 873, 874, 876-881, 883, 884, 886, 887, 892, 893

- (2) Using catch bolts and washers (2 places), install catch on doorjamb (or nuts, washers, and bolts on doorjamb bracket in aft cargo compartment only).

WJE ALL

CAUTION: FLANGE PLATE ON BOTTOM OF LATCH SHOULD ENGAGE CATCH DURING OVERTRAVEL AND PREVENT DOOR BARRIER FROM STRIKING AND CAUSING POSSIBLE DAMAGE TO CARGO DOOR.

- (3) Carefully raise door barrier in up position and check that barrier does not come in contact with cargo door.
- (4) If required, adjust catch vertically as follows:

WJE 401-412, 414, 415, 417, 419, 421, 423, 425, 427, 863-866, 868, 873, 874, 876-881, 883, 884, 886, 887, 892, 893

CAUTION: MAKE CERTAIN THAT LATCH RELEASE BUTTONS ARE DEPRESSED WHENEVER DOOR BARRIER IS LOWERED. OTHERWISE, LATCH WILL BECOME ROUNDED AND CAUSE DOOR BARRIER TO DROP WITHOUT WARNING WHEN IN UP POSITION.

- (a) Check for clearance of 0.50(±0.03) inch (12.7(±0.8) mm) between cargo door and door barrier; then, lower door barrier. (Figure 202)

WJE 422, 429

CAUTION: MAKE CERTAIN THAT LATCH RELEASE BUTTONS ARE DEPRESSED WHENEVER DOOR BARRIER IS LOWERED. OTHERWISE, LATCH WILL BECOME ROUNDED AND CAUSE DOOR BARRIER TO DROP WITHOUT WARNING WHEN IN UP POSITION.

- (b) Lower door barrier.

WJE ALL

- (c) Loosen catch bolts, adjust catch vertically, and tighten bolts.

WJE 422, 429

NOTE: Vertical adjustment of catch will be difficult if catch is bent upward from normal configuration. Inside angle of catch should be 77(±1) degrees.

WJE 401-411, 415, 417, 419, 421, 423, 425, 427, 863-866, 868, 873, 874, 876-881, 883, 884, 886, 887, 892, 893

- (d) Note and mark vertical position of catch for later reference.

WJE 422, 429

- (e) Note vertical position of catch for future reference.

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WJE 401-412, 414, 415, 417, 419, 421, 423, 425, 427, 863-866, 868, 873, 874, 876-881, 883, 884, 886, 887, 892, 893

- (5) Raise door barrier in up position and check that unobstructed engagement is provided between catch and latch.

WJE 422, 429

- (6) Raise door barrier in up position and verify that 3/16-inch engagement is provided between catch and latch.

WJE ALL

- (7) If required, adjust catch horizontally as follows:
 - (a) Lower door barrier.
 - (b) Remove catch bolts.

WJE 401-412, 414, 415, 417, 419, 421, 423, 425, 427, 863-866, 868, 873, 874, 876-881, 883, 884, 886, 887, 892, 893

- (c) Add or remove shims as required to obtain unobstructed engagement between catch and latch.

WJE 422, 429

- (d) Add or remove shims as required to obtain 3/16-inch engagement between catch and latch.

WJE ALL

- (e) Attach but do not tighten catch bolts.
- (f) Position catch vertically as previously noted and tighten catch bolts.
- (8) Check door barrier for proper operation.

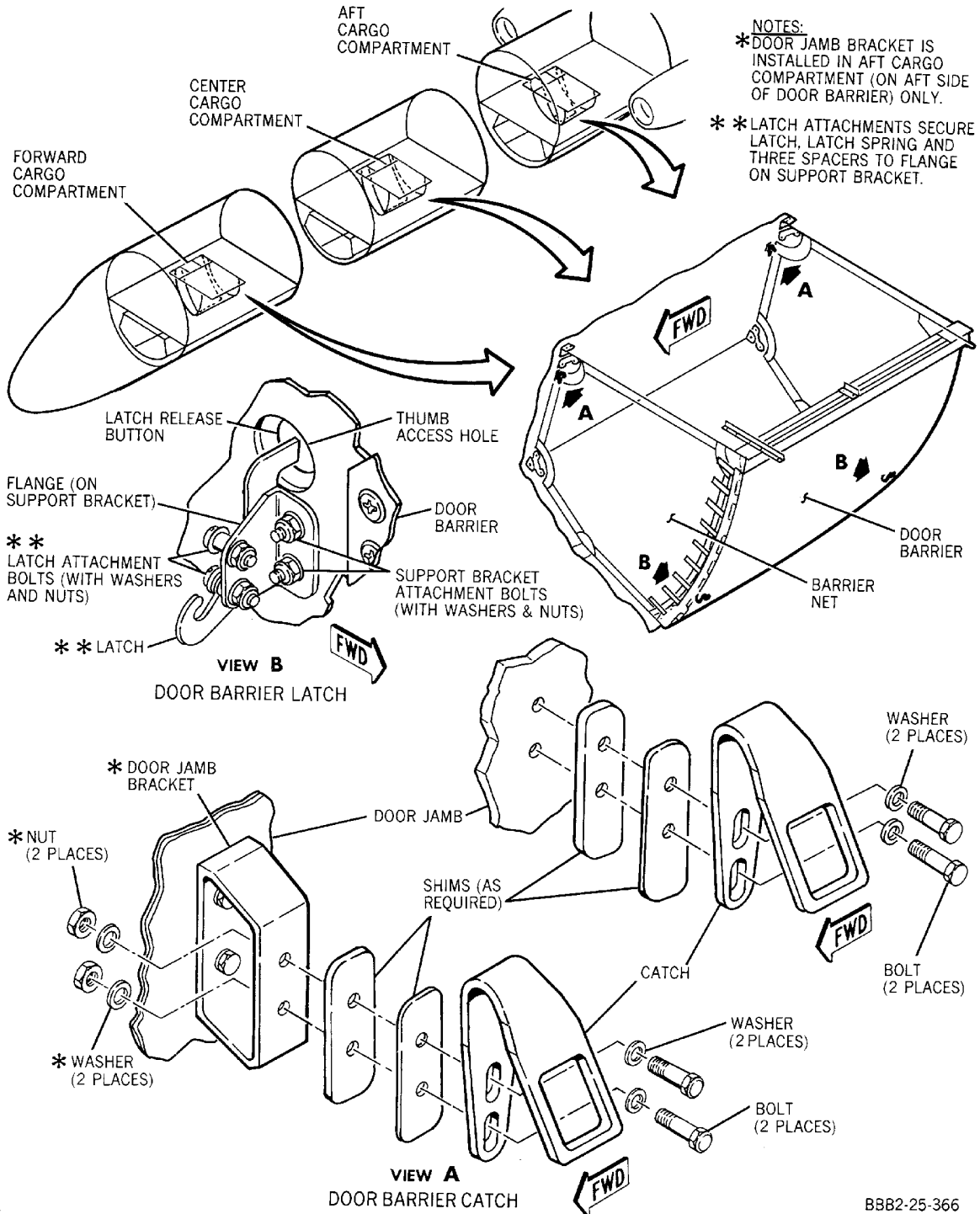
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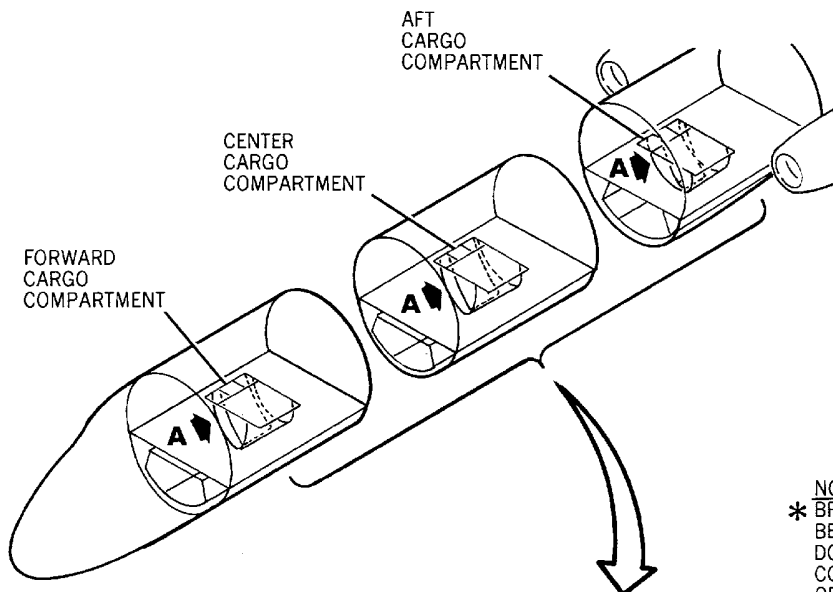
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**Door Barrier Up-Latch Installation
Figure 201/25-52-02-990-803**

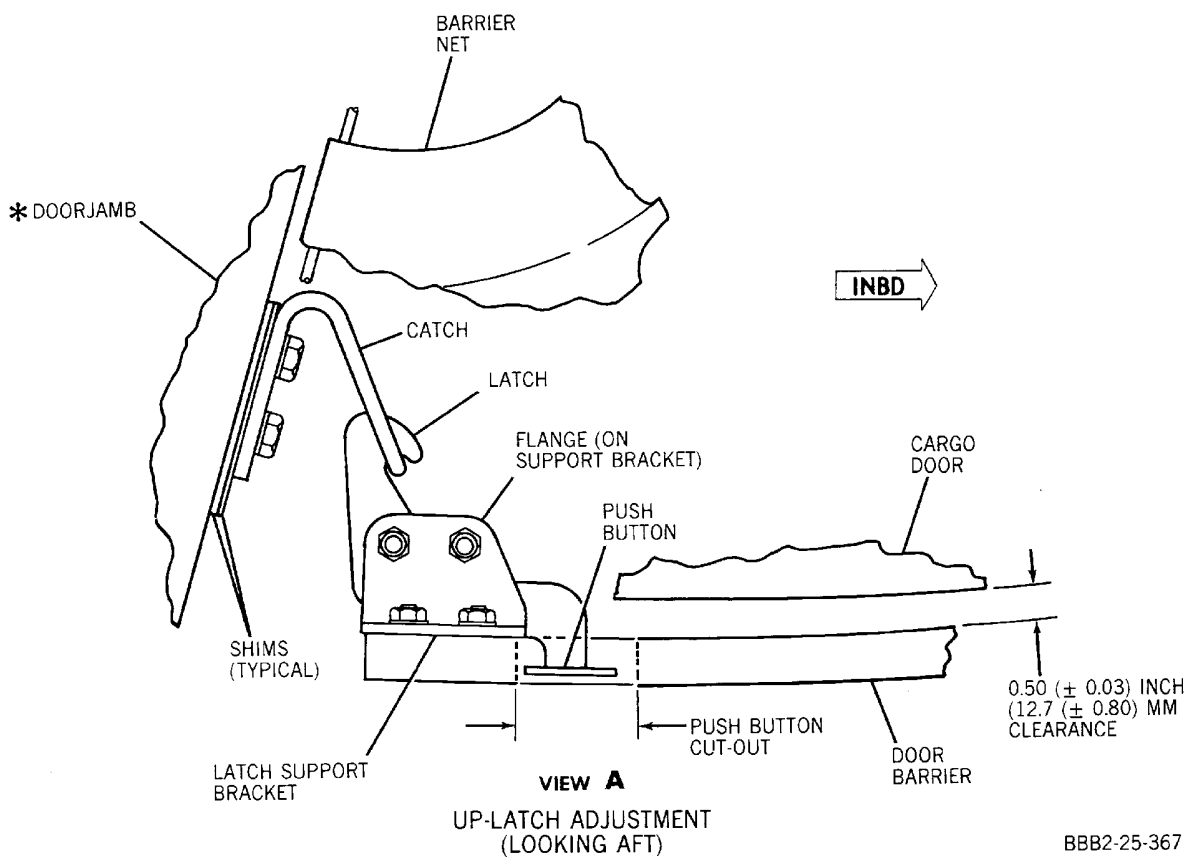
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NOTE:
* BRACKET IS INSTALLED BETWEEN SHIMS AND DOORJAMBS IN AFT CARGO COMPARTMENT (ON AFT SIDE OF DOOR BARRIER) ONLY.



BBB2-25-367

**Door Barrier Up-Latch Adjustment
Figure 202/25-52-02-990-804**

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WJE ALL

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WEB ASSEMBLY, CARGO DOOR BARRIER - REMOVAL/INSTALLATION

1. General

- A. This procedure has the instructions for the cargo compartment door barrier net. This procedure includes task that follow:
- Removal of the cargo compartment door barrier net
 - Installation of the cargo compartment door barrier net
 - Removal of the cargo compartment door barrier assembly
 - Installation of the cargo compartment door barrier assembly
- B. There is a cargo compartment door barrier assembly and net at each cargo door.
- C. The instructions for removal and installation is the same for each compartment door barrier assembly and net.

2. Removal of the Cargo Compartment Door Barrier Net

- A. Remove the Cargo Compartment Door Barrier Net.
- (1) Open the applicable cargo compartment door and close the cargo compartment door barrier assembly.
- (2) Remove the applicable cargo compartment door barrier net [1] from the barrier door [12] as follows: (Figure 401)
- (a) At the center of the bottom edge of the net [1], move the latch [2] to disengage the hook [3] from the recess assembly [4].
- (b) At the bottom outboard corner, release the spring loaded pin assembly [5] on the bracket [6] and move the retainer [7] from the bracket .
- (c) At the top outboard corner, remove the retainer [7] from the bracket [8] as follows:
- 1) Remove and discard the cotter pin [9].
 - 2) Remove the washer [10] and clevis pin [11].
 - 3) Remove the retainer [7] from the bracket [8].
- (d) Remove the spring [13] from each web strap [14].
- (e) Pull each web strap [14] free from the attach angle [15].
- (f) Remove the bolt [17], washer [18], and nut [19] from the attach angle [15] to release the end of the cable [16].
- (g) (g) Remove the clevis [24] from the bolt [25] as follows:
- 1) Remove the nut [22] and washer [21].
 - 2) Remove the screw [20] and spacer [23], and move the clevis [24] away from the bolt [25].
- (h) If necessary, remove the cable [16] from the net [1] as follows:
- 1) Remove each retainer [7] with the two screws [26], washers [27], nuts [28], and fillers [29].
 - a) Keep the two fillers [29] for installation.
 - 2) Remove the latch [2] from the net [1] as follows:
 - a) Remove the two nuts [30], washers [31], and screws [32].
 - b) Remove the latch [2] and retainer [33].
 - 3) Remove the cable [16] from the net [1].

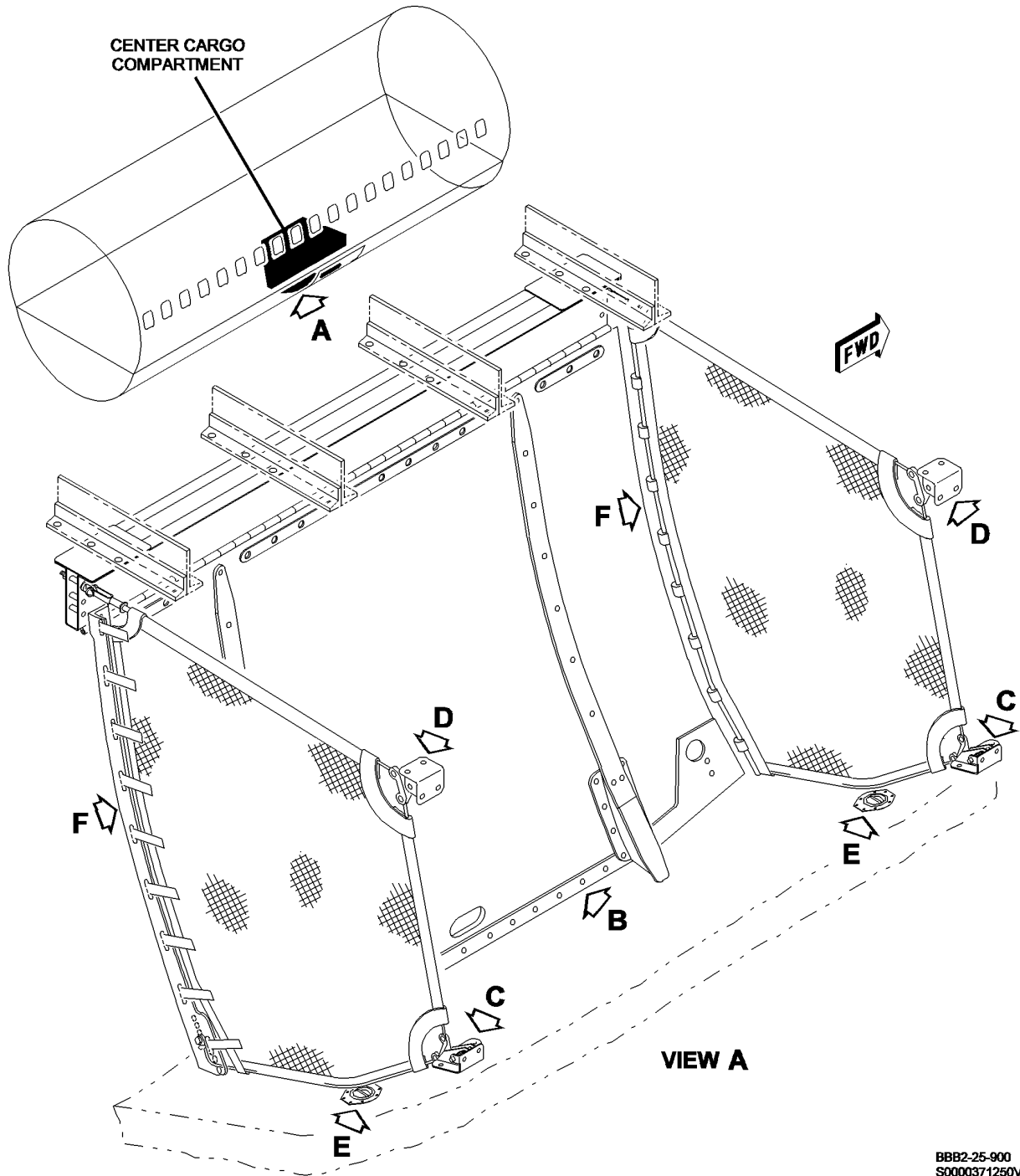
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Cargo Compartment Door Barrier Net - Removal/Installation
Figure 401/25-52-02-990-809 (Sheet 1 of 4)

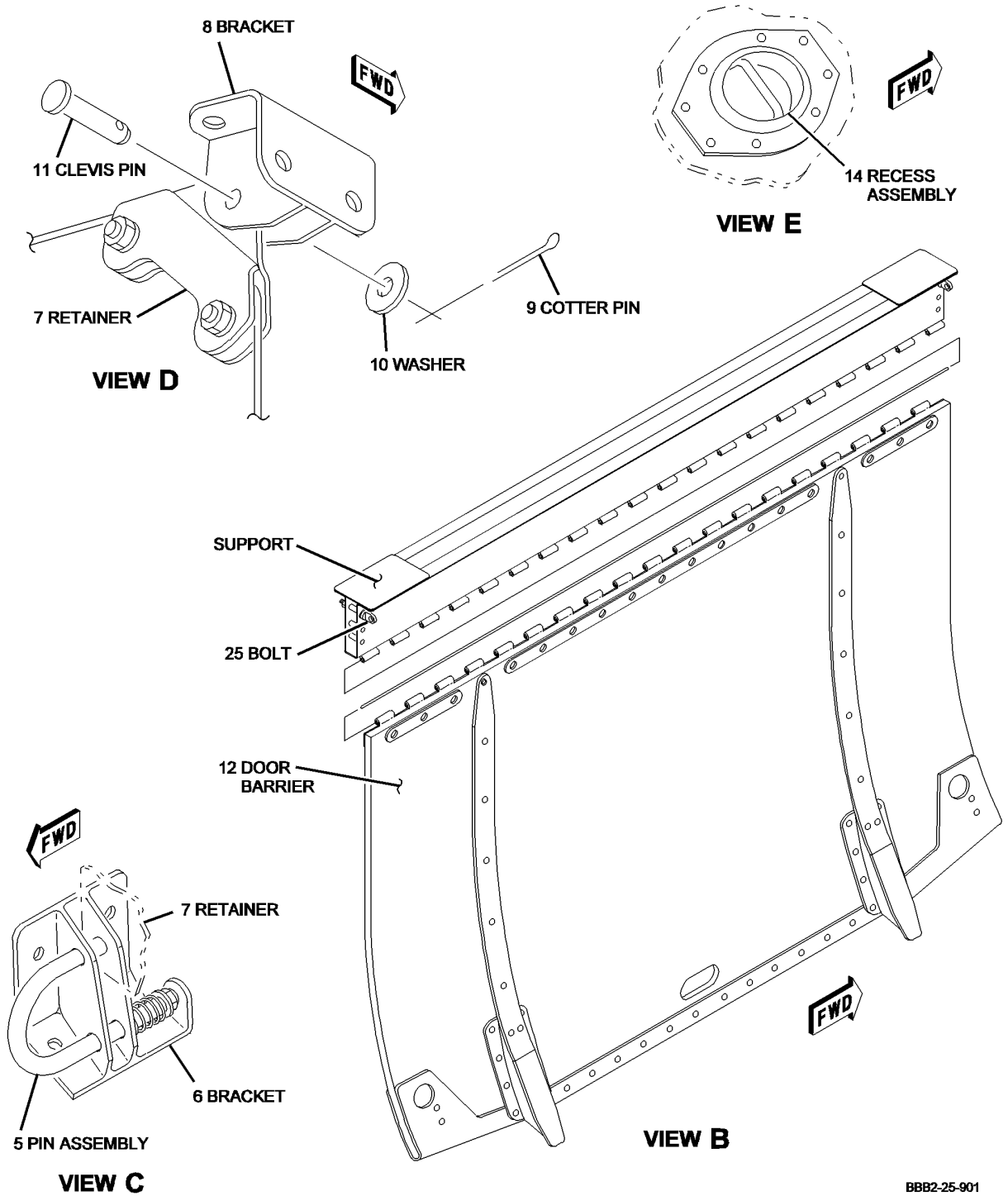
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BBB2-25-901
S0000371251V1

Cargo Compartment Door Barrier Net - Removal/Installation
Figure 401/25-52-02-990-809 (Sheet 2 of 4)

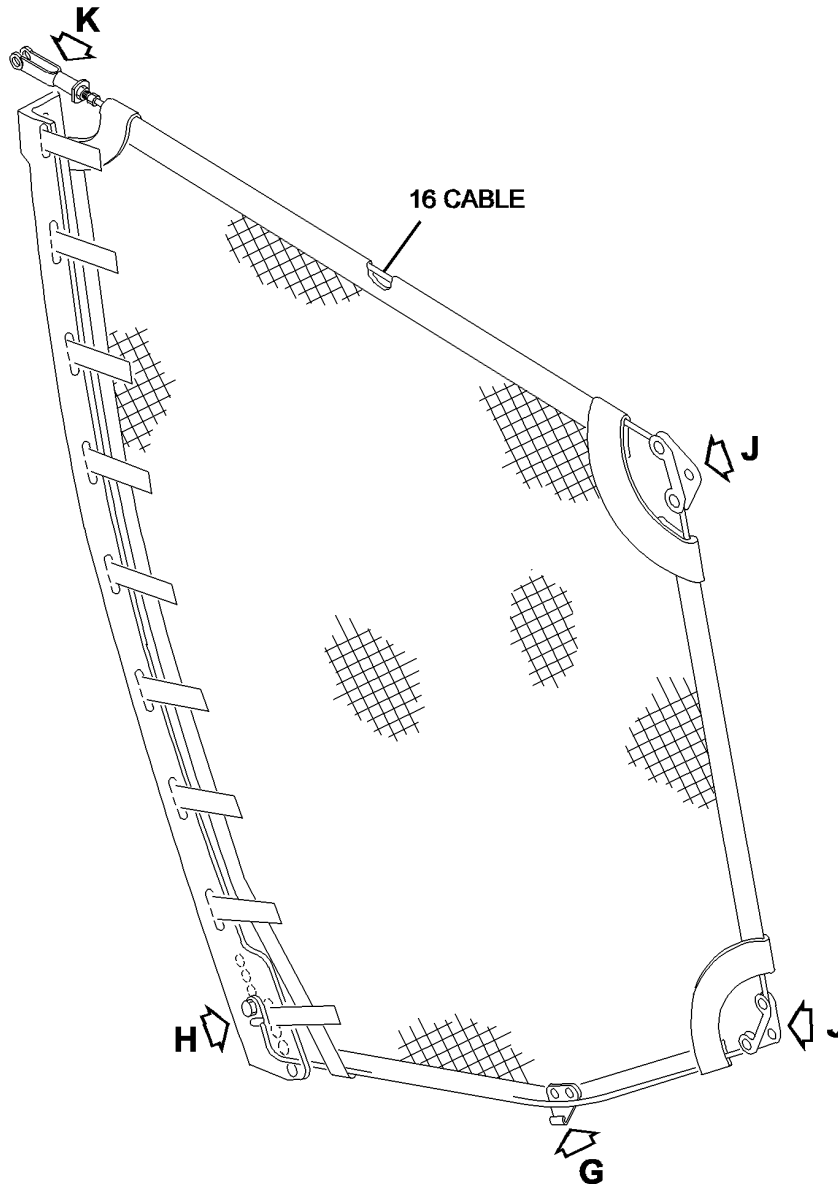
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WJE ALL

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VIEW A

BBB2-25-902
S0000371252V1

Cargo Compartment Door Barrier Net - Removal/Installation
Figure 401/25-52-02-990-809 (Sheet 3 of 4)

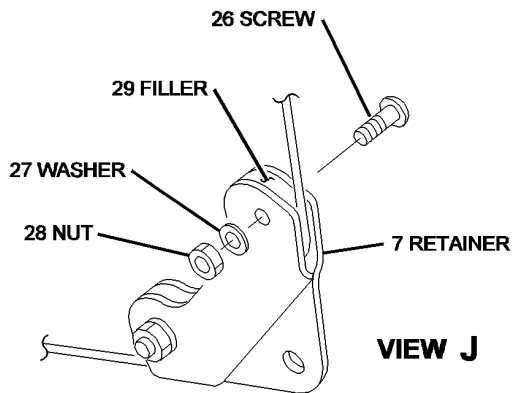
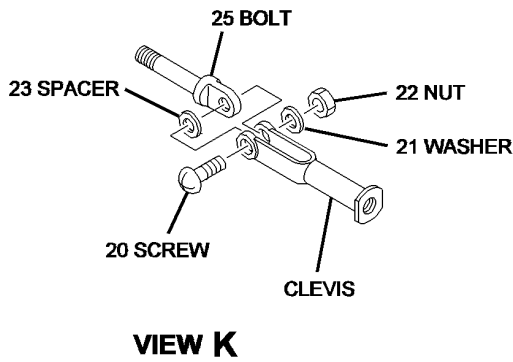
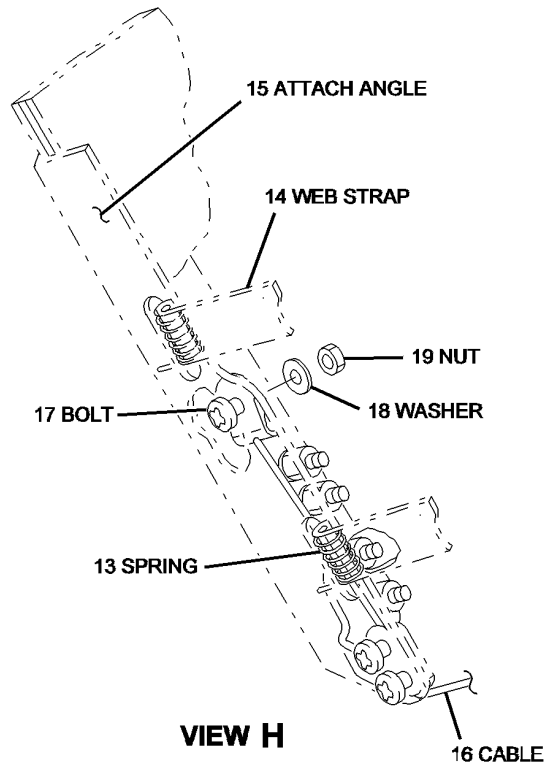
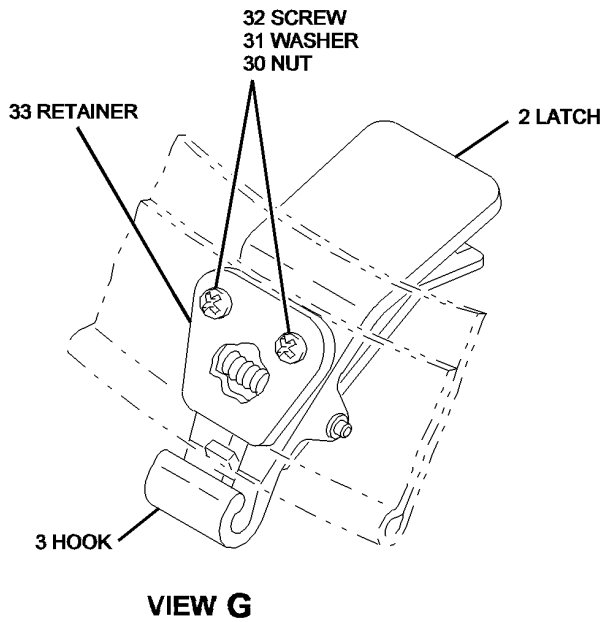
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AIRCRAFT MAINTENANCE MANUAL**



BBB2-25-903
S0000371253V1

Cargo Compartment Door Barrier Net - Removal/Installation
Figure 401/25-52-02-990-809 (Sheet 4 of 4)

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3. Installation of the Cargo Compartment Door Barrier Net

- A. Install the Cargo Compartment Door Net
- (1) Open the applicable cargo compartment door.
 - (2) If necessary, install the cable [16] on the applicable cargo compartment door barrier net [1] as follows: (Figure 401)
 - (a) Put the cable [16] in the net [1].
 - (b) Attach each retainer [7] to the cable [16] with the filler [29], two screws [26], washers [27], and nuts [28].
 - (c) At the center of the bottom edge of the net [1], install the latch [2] with the retainer [33], two screws [32], washers [31], and nuts [30].
 - 1) Make sure that the latch is installed on the door side of the net.
 - (3) Install the cargo compartment door barrier net [1] to the barrier door [12] as follows: (Figure 401)
 - (a) Put each web strap [14] in the attach angle [15].
 - (b) Install a spring [13] in each web strap [14].
 - (c) At the top, attach the clevis [24] to the bolt [25] with the spacer [23], screw [20], washer [21], and nut [22].
 - (d) At the bottom, attach the end of the cable [16] to the attach angle [15] with the bolt [17], washer [18], and nut [19].
 - (e) At the top, if removed, install the retainers [7] in the bracket [8] with the clevis pin [11], washer [10], and a new cotter pin [9].
 - (f) At the bottom, if removed, disengage the spring loaded pin assembly [5] and install the retainer [7] in the bracket [6]. Release the spring loaded pin assembly [5].
 - (g) At the center of the bottom edge of the net [1], move the latch [2] to engage the hook [3] in the recess assembly [4].
- B. Remove all the tools and equipment from the work area. Make sure the area is clean.

4. Removal of the Cargo Compartment Door Barrier Assembly

- A. Remove the Cargo Compartment Door Barrier Assembly
- (1) Open the applicable cargo compartment door and close the cargo compartment door barrier assembly.
 - (2) Remove the cargo compartment door barrier assembly [1] as follows: (Figure 402)
 - (a) At the bottom edge of the curtain, move the latch [2] to disengage the hook [3] from the recess assembly [11].
 - (b) At the bottom outboard corner, release the spring loaded pin [4] and remove the curtain from the bracket [5].
 - (c) At the top outboard corner, remove and discard the cotter pin [6].
 - (d) Remove the washer [7] and clevis pin [8] from the curtain and bracket [9].
 - (e) Remove the hinge pin [10] and the cargo compartment door barrier assembly [1].

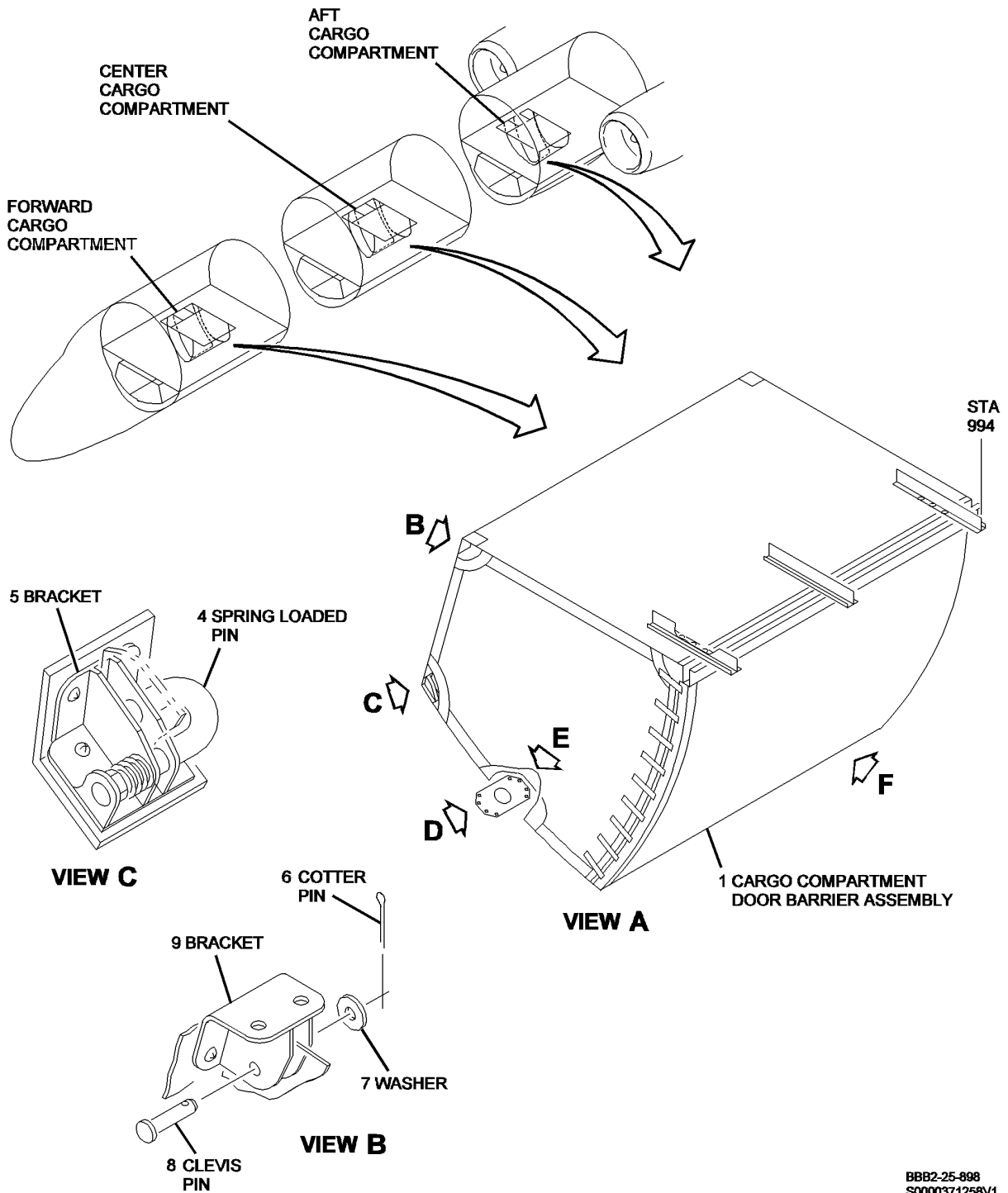
EFFECTIVITY
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BBB2-25-898
S0000371258V1

Cargo Compartment Door Barrier Assembly - Removal/Installation
Figure 402/25-52-02-990-810 (Sheet 1 of 2)

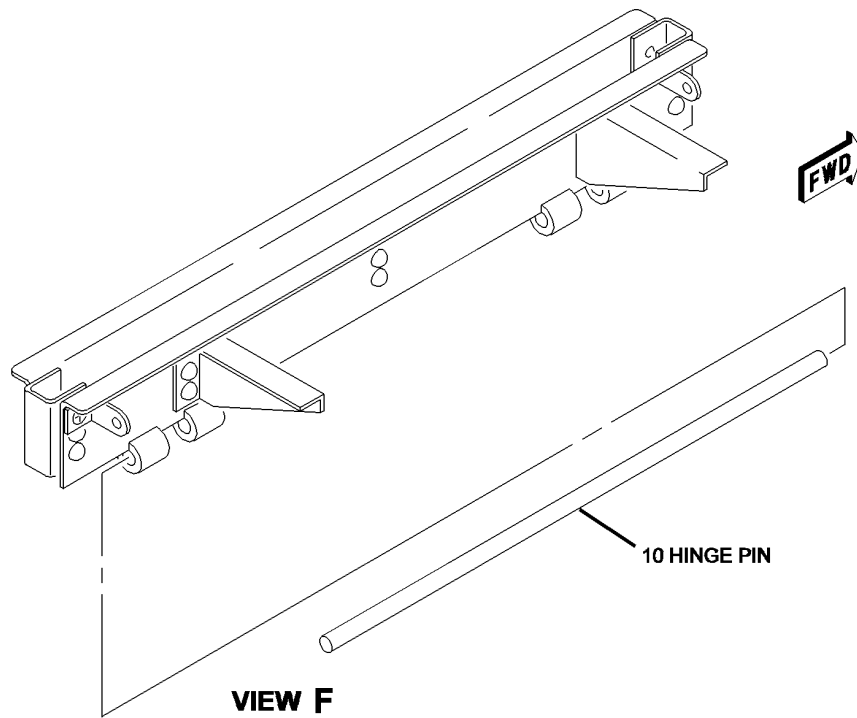
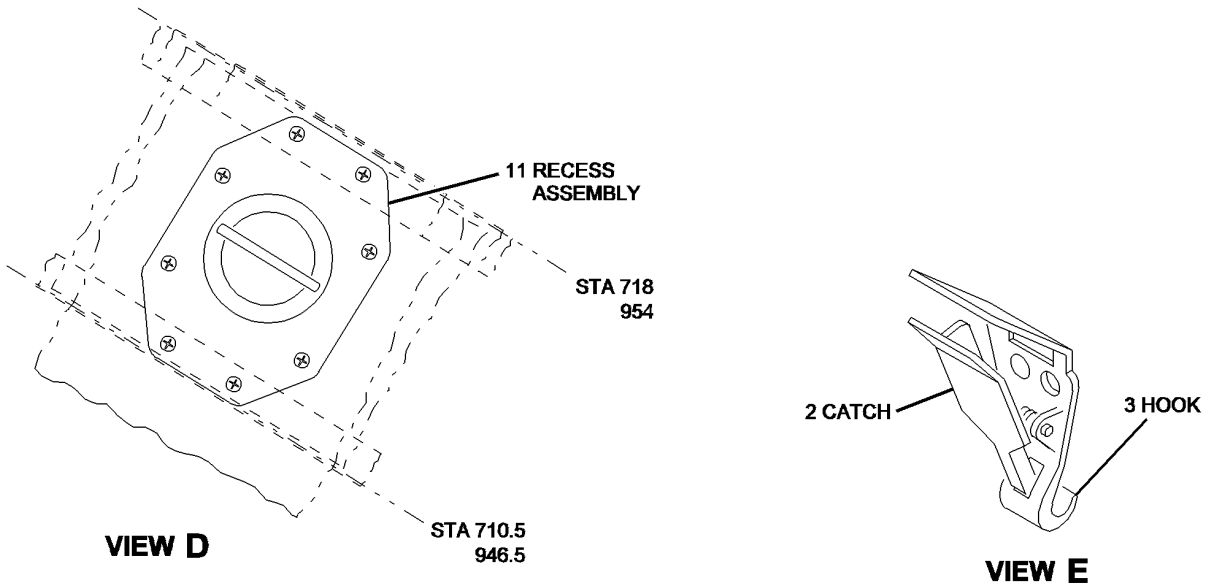
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S0000371259V1

Cargo Compartment Door Barrier Assembly - Removal/Installation
Figure 402/25-52-02-990-810 (Sheet 2 of 2)

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5. Installation of the Cargo Compartment Door Barrier Assembly

A. Install the Cargo Compartment Door Barrier Assembly

- (1) Open the applicable cargo compartment door.
- (2) Install the cargo compartment door barrier assembly [1] as follows: (Figure 402)
 - (a) Install the cargo compartment door barrier assembly [1] with the hinge pin [10].
 - (b) At each top outboard corner, install the curtain to the bracket [9] with the clevis pin [8], washer [7] and a new cotter pin [6].
 - (c) At each bottom outboard corner, disengage the spring loaded pin [4] , install the curtain in the bracket [5] and release the spring loaded pin [4].
 - 1) Make sure that the spring loaded pin [4] is engaged in the curtain.
 - (d) At the bottom edge of each curtain, move the latch [2] to engage the hook [3] in the recess assembly [11].
- (3) Remove all the tools and equipment from the work area. Make sure the area is clean.

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CARGO COMPARTMENT INSULATION - MAINTENANCE PRACTICES

1. General

A. To gain access to the insulation blankets and spacer panels in the cargo compartment, the lining panels of the compartment floor must first be removed (PAGEBLOCK 25-52-01/201).

2. Tools and Equipment Required

WARNING: ITEM IDENTIFIED WITH AN ASTERISK (*) IS FLAMMABLE. SUPPLY ADEQUATE VENTILATION AND EXERCISE APPROPRIATE PRECAUTIONARY MEASURES. CONSULT LOCAL AUTHORITY OR REGULATORY AGENCY, FOR FIRE PREVENTION AND PERSONNEL HEALTH AND SAFETY WHEN USING FLAMMABLE MATERIAL.

NOTE: Equivalent substitutes may be used instead of the following listed items.

NOTE: Some materials in the Equipment and Materials list may not be permitted to be used in your location. Persons in each location must make sure they are permitted to use these materials. All persons must obey all applicable federal, state, local, and provincial regulations for their location.

Table 201

Name and Number	Manufacturer
Tape, adhesive, Type 5, Class 1, 770-3FRS	E & H Laminating & Slithing Patterson, NJ
Adhesive, EC-1099	Minnesota Mining and Mfg. Co. Los Angeles, California
DPM 6380-4	BBA Fiberweb Simpsonville, SC

3. Removal/Installation Cargo Compartment Insulation

A. Remove Insulation and Spacer Panels

- (1) Remove equipment and floor lining panels as required from cargo compartment (PAGEBLOCK 25-52-01/201).
- (2) Remove inner spacer panel and mark location of panel to facilitate installation.
- (3) Break seals at insulation blanket flaps. If blanket flaps are attached, remove tape or staples as required.
- (4) Remove blanket section and mark location to facilitate installation.
- (5) Remove outer spacer panel by lifting panels away from against fuselage. Mark location of panel to facilitate installation.

B. Install Insulation and Spacer Panels

WJE WJE 412, 414

WJE NOTE: Ensure all insulation bags are removed from areas around outflow valve and butterfly valve
WJE (refer to Mexmil CMM 25-09-04, 25-09-05, and Boeing IPC 25-52-00 Fig 8G). If bags are
WJE installed in the area around the outflow valve or butterfly valve they can become lodged in
WJE the outflow valve or obstruct the outflow valve.

WJE ALL

WARNING: CLEANING OPERATIONS USING SOLVENTS SHOULD BE PERFORMED IN A WELL-VENTILATED ATMOSPHERE. EXERCISE NORMAL SAFETY PRECAUTIONS DURING USE.

- (1) Check skin of fuselage where outer spacer panel is to be installed. If necessary, clean fuselage skin with denatured alcohol.

EFFECTIVITY WJE ALL

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- (2) Check outer spacer panel for cleanliness. If necessary, clean spacer panel with denatured alcohol, and install panel as required.

WARNING: CLEANING OPERATIONS USING SOLVENTS SHOULD BE PERFORMED IN A WELL-VENTILATED ATMOSPHERE. EXERCISE NORMAL SAFETY PRECAUTIONS DURING USE.

- (3) Check area in which insulation blanket is to be installed. If necessary, clean blanket with denatured alcohol.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (4) Hold insulation blanket in appropriate position and install blanket.
- (5) Tape blanket flap to adjacent blanket using adhesive tape 770-3FRS or equivalent. Flaps on adjacent blankets may also be rolled together and stapled.

WJE ALL

- (6) Patch all gaps, holes, or spaces that exist after blanket installation using adhesive tape 770-3FRS or equivalent.

NOTE: Adhesive tape Type 5, Class 1 (770-3FRS) or equivalent should be used for patching slits, small tears, and holes in individual blanket sections. Large tears should be repaired using blanket material and adhesive (EC-1009) or equivalent.

- (7) Position and install inner spacer panel as required over insulation blanket. No taping or gluing is required.
- (8) Install cargo compartment floor lining panels (PAGEBLOCK 25-52-01/201).

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ELECTRICAL/ELECTRONICS COMPARTMENT - DESCRIPTION AND OPERATION

1. General

- A. The electrical/electronics compartment is located below the flight compartment, between the nose gear wheelwell and the forward lower cargo compartment. A ground access plug-type door for the compartment is located aft of the nose gear wheel-well and an inflight access door is located in the flight compartment floor behind the captain's station.

2. Electrical/Electronics Compartment

A. Description

- (1) **Compartment Components** - The pressurized compartment houses the electrical/electronics components and is ventilated with cooling air from the passenger compartment air conditioning system. Two radio rack cooling fans provide ventilation for the compartment when the aircraft is on the ground. One fan provides ventilation during flight operations. In case of fan failure during flight, an overboard venturi automatically provides ventilation for the compartment (Ref. RADIO RACK COOLING - DESCRIPTION AND OPERATION, PAGEBLOCK 21-52-00/001).
- (2) **Compartment Check** - The compartment should be checked and cleaned periodically for accumulation of moisture or water. Inspection of the insulation blankets, radio racks, longeron frames, access door framework, stairway, and fiberglass floor panels are typical areas where moisture and water may collect. Moisture accumulation may cause a malfunction of electronic equipment in the compartment.
- (3) **Compartment Lights** - The electrical/electronics compartment is equipped with lights controlled by a switch conveniently located in the compartment near the access doors.

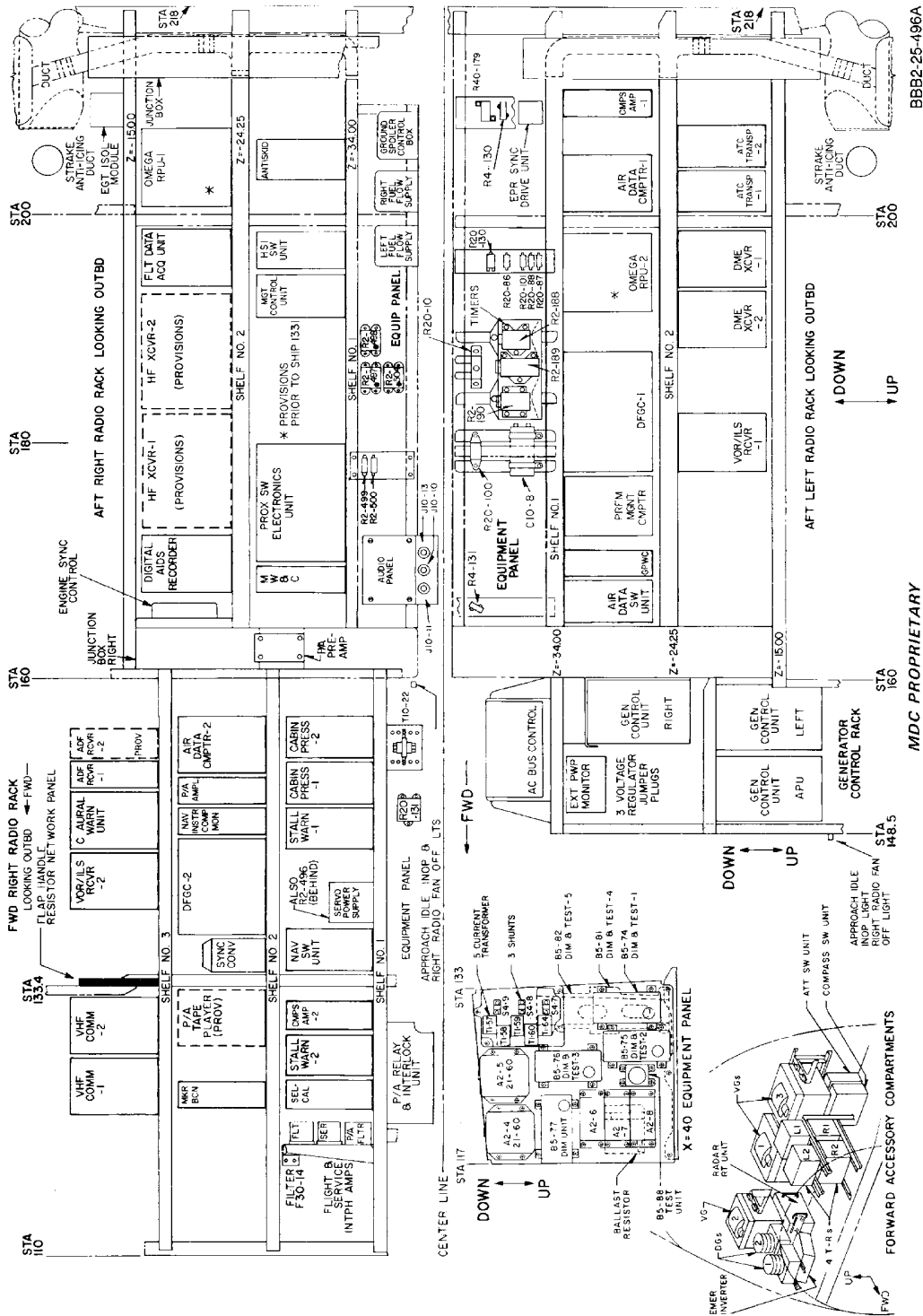
EFFECTIVITY
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Electrical Electronics Compartment Racks
Figure 1/25-53-00-990-801 (Sheet 1 of 13)

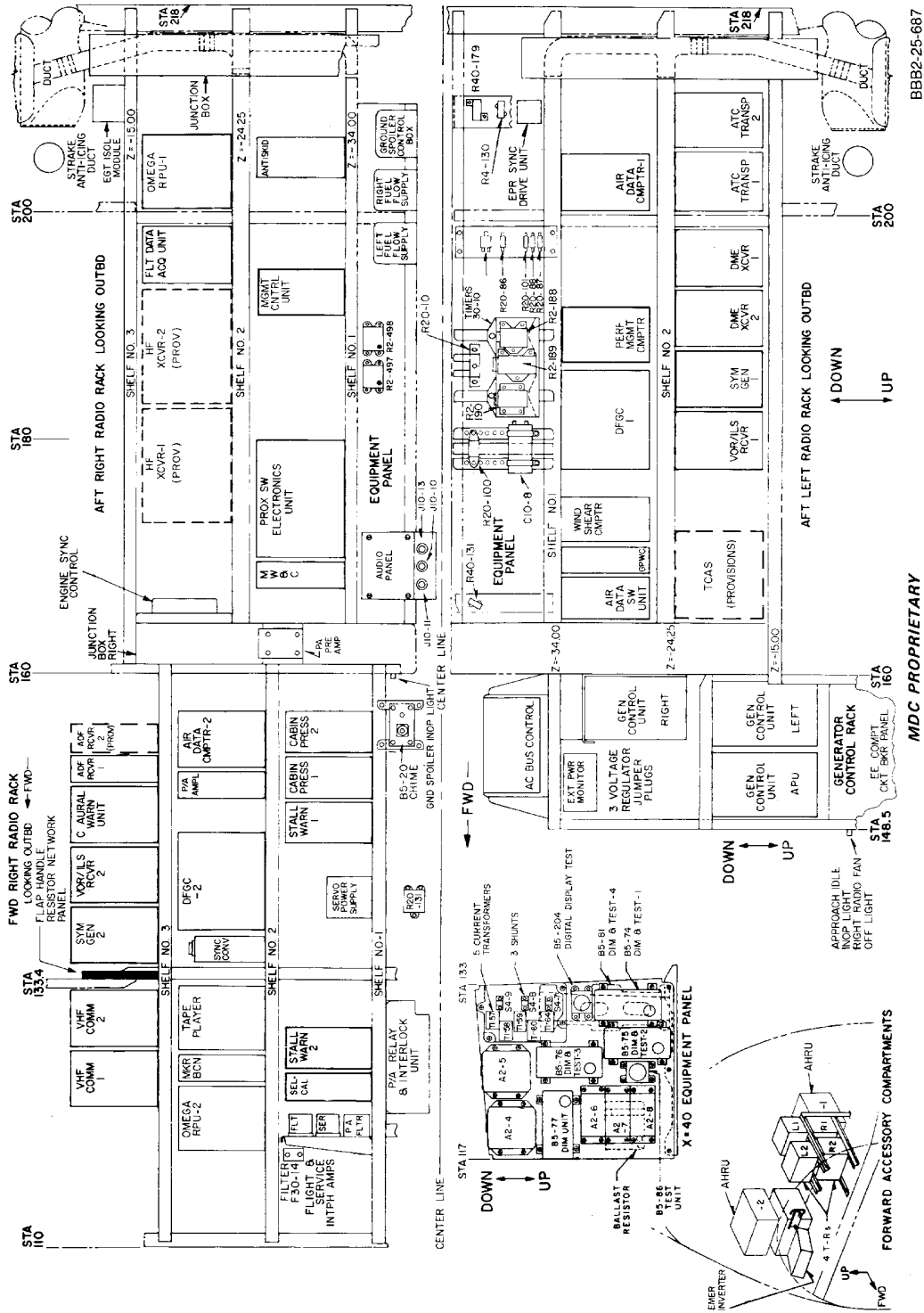
EFFECTIVITY
WJE 405, 406, 409, 881, 883, 884

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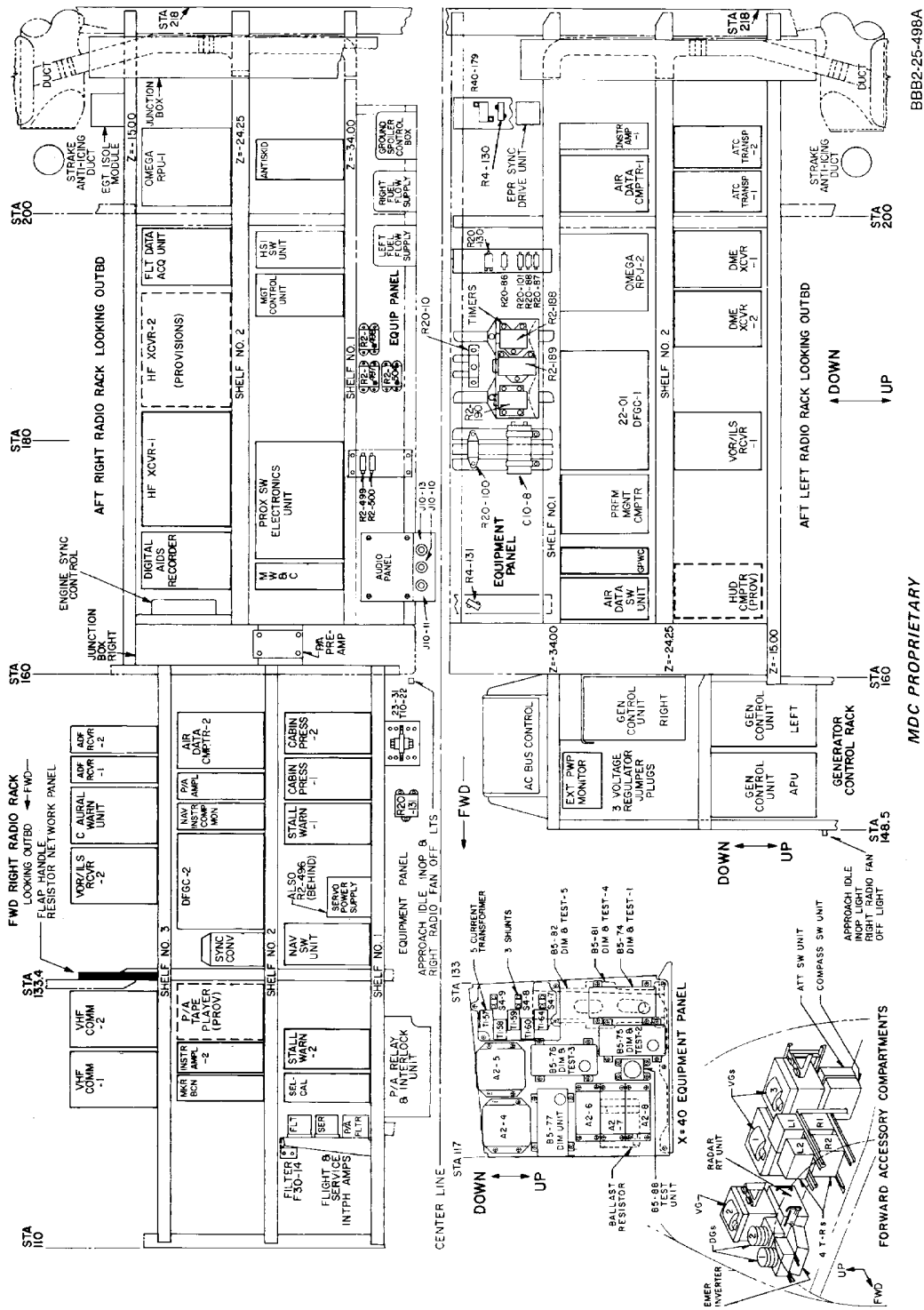
MDC PROPRIETARY

Electrical Electronics Compartment Racks
Figure 1/25-53-00-990-801 (Sheet 2 of 13)

EFFECTIVITY
WJE 405, 406, 409, 881, 883, 884

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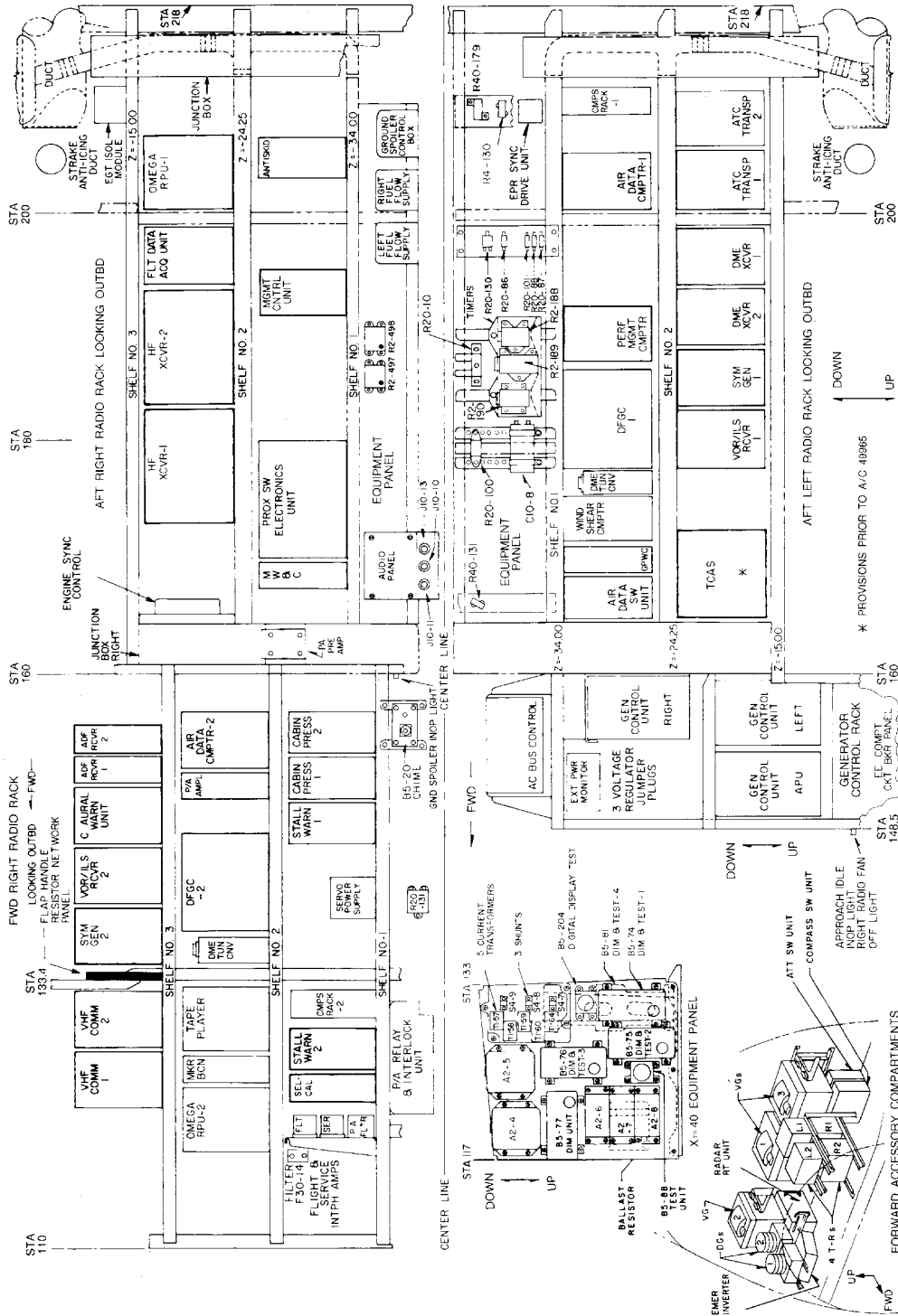
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Electrical Electronics Compartment Racks
Figure 1/25-53-00-990-801 (Sheet 3 of 13)

EFFECTIVITY
WJE 410

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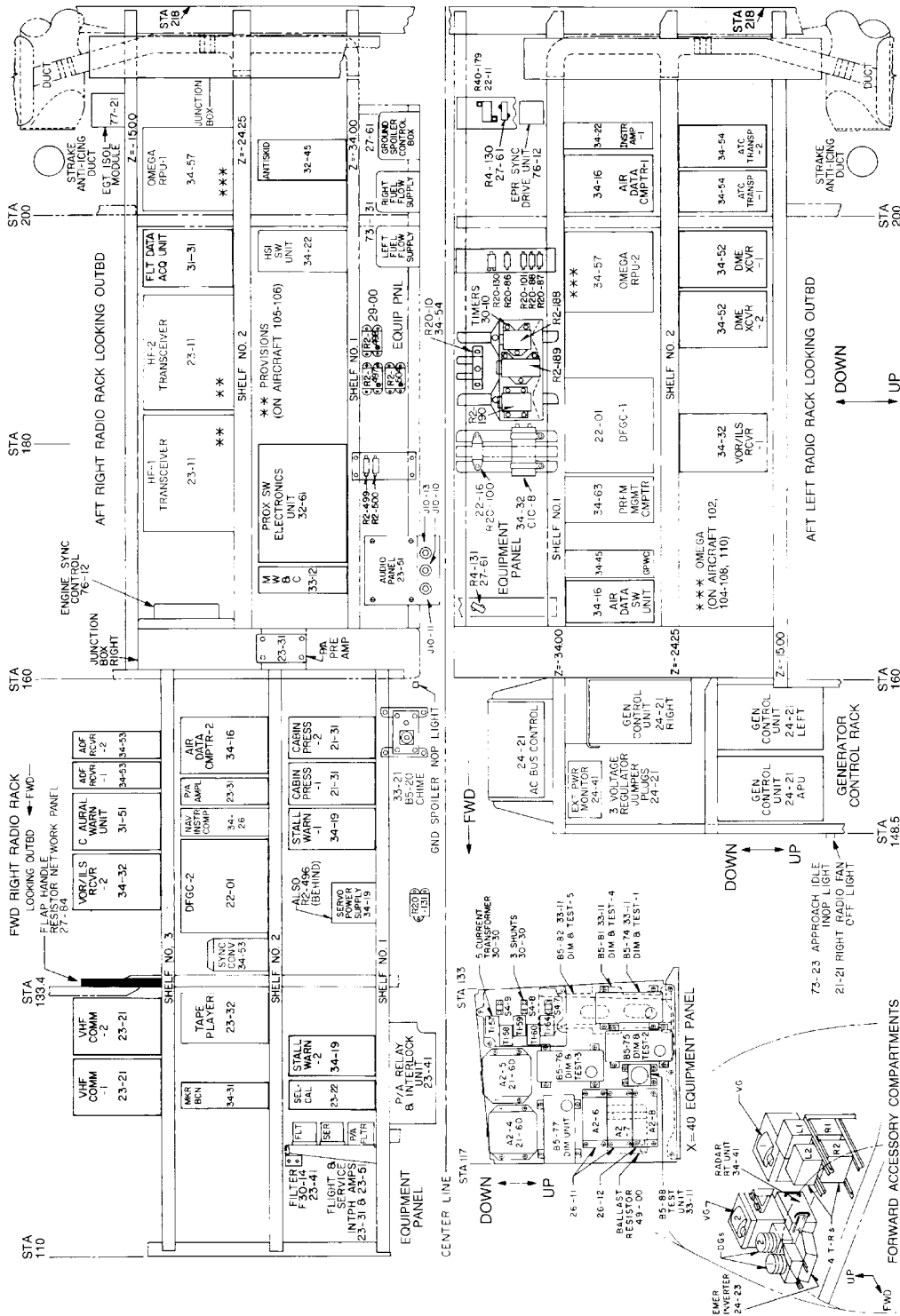
MDC PROPRIETARY

Electrical Electronics Compartment Racks
Figure 1/25-53-00-990-801 (Sheet 4 of 13)

EFFECTIVITY
WJE 410

25-53-00

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Electrical Electronics Compartment Racks
Figure 1/25-53-00-990-801 (Sheet 5 of 13)

EFFECTIVITY
WJE 873, 874, 892, 893

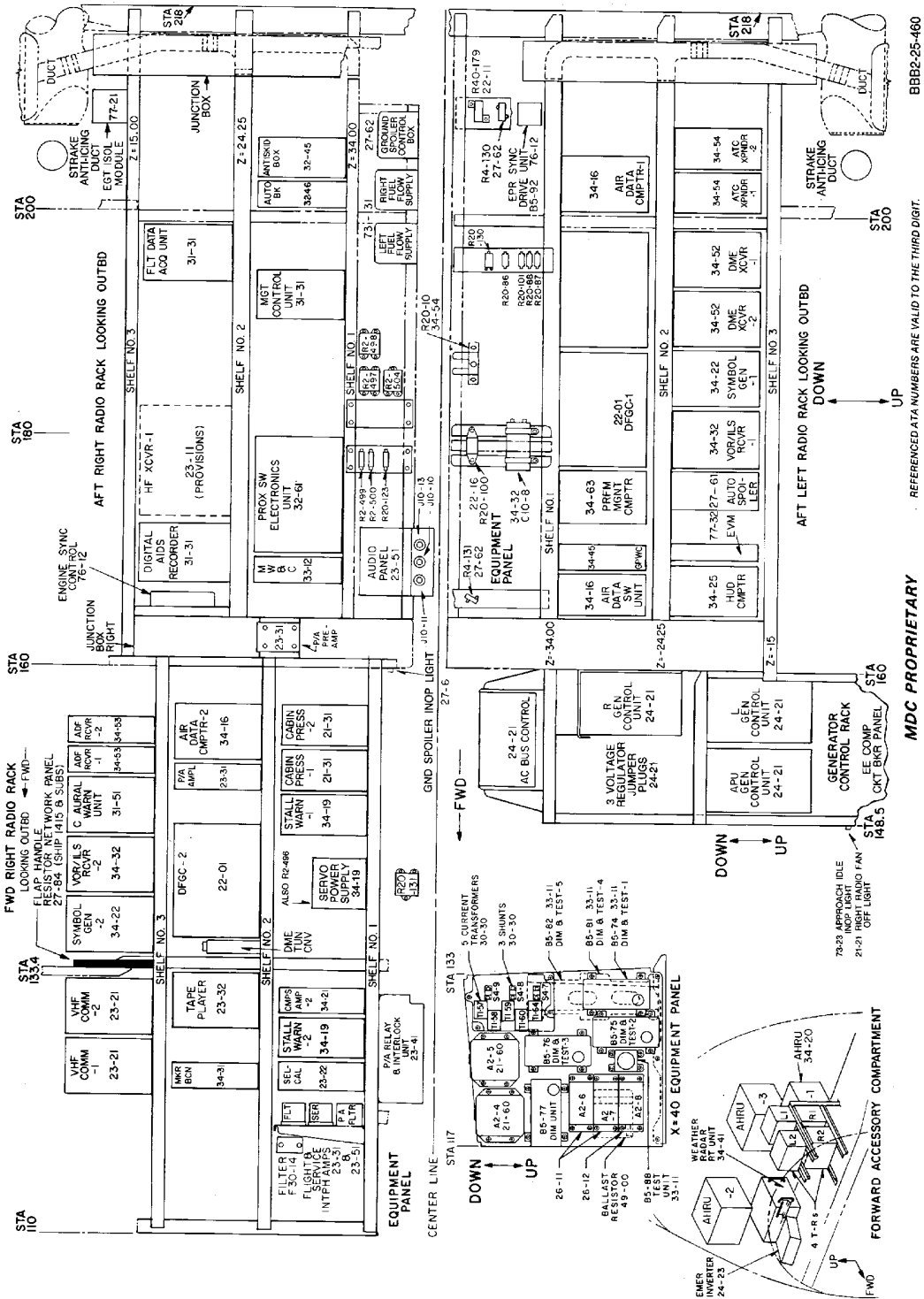
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MDC PROPRIETARY

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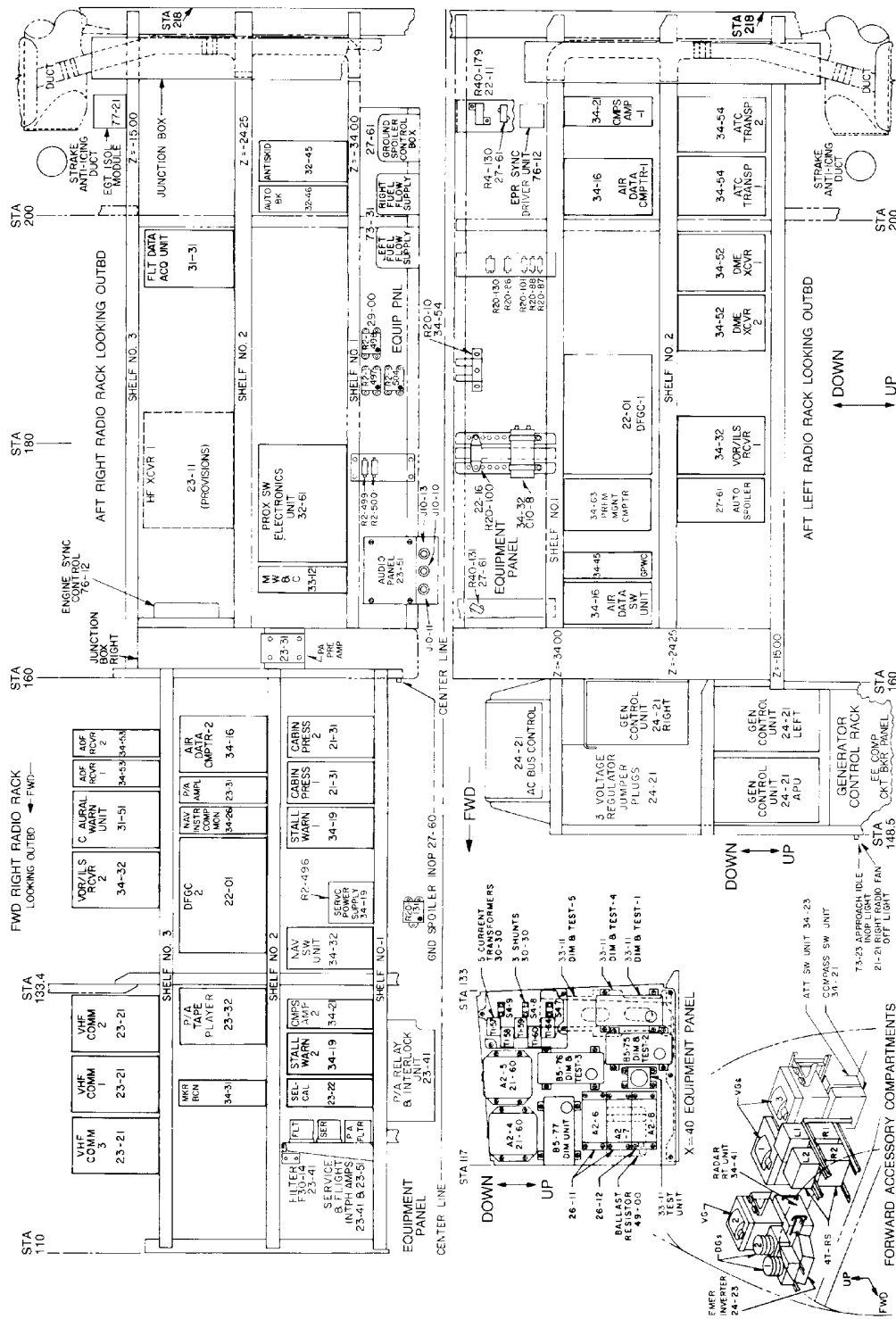


Electrical Electronics Compartment Racks
Figure 1/25-53-00-990-801 (Sheet 6 of 13)

EFFECTIVITY
WJE 407, 408, 411, 880

25-53-00

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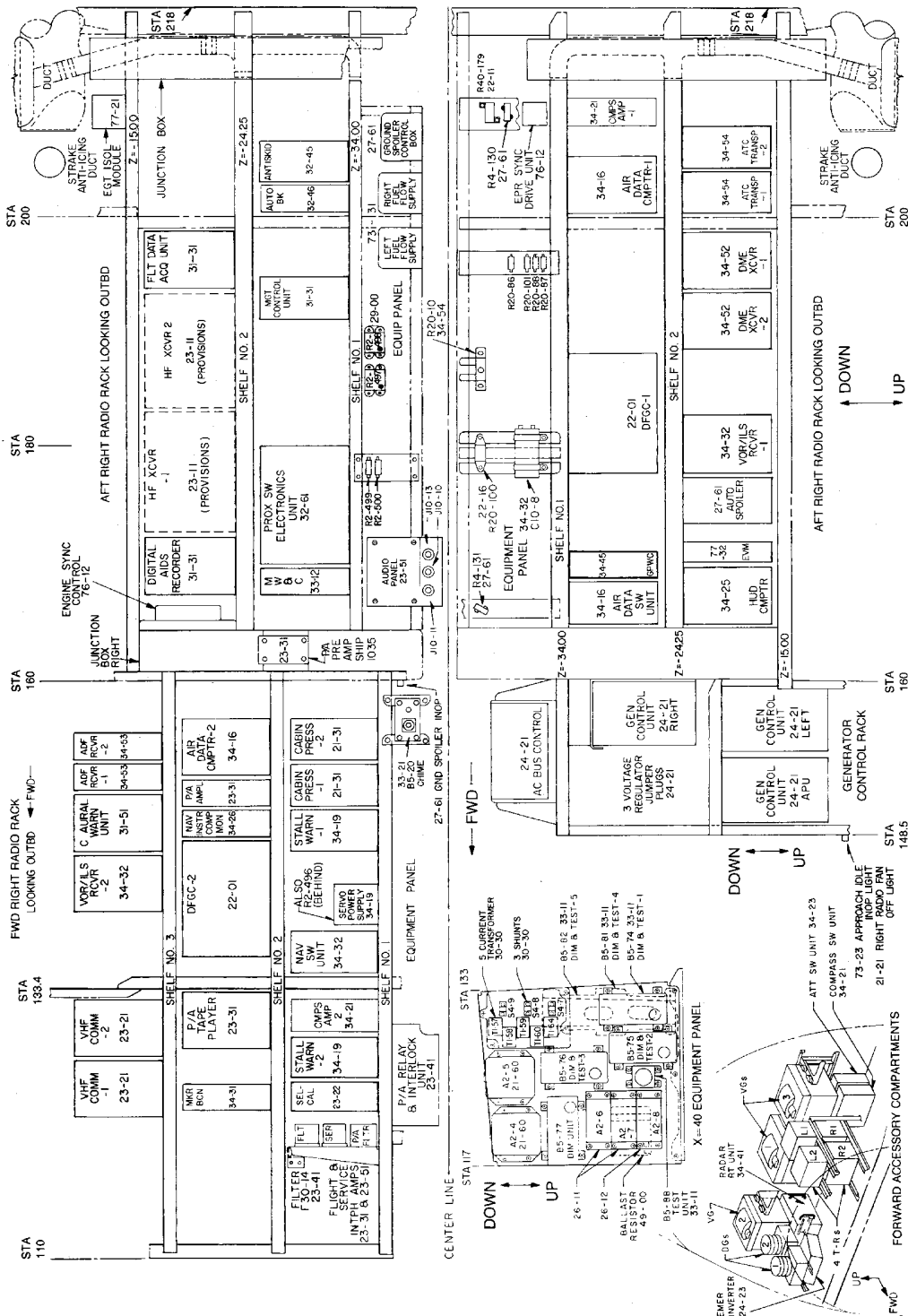
Electrical Electronics Compartment Racks
Figure 1/25-53-00-990-801 (Sheet 7 of 13)

EFFECTIVITY
WJE 875-879

25-53-00

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Electrical Electronics Compartment Racks
Figure 1/25-53-00-990-801 (Sheet 8 of 13)

EFFECTIVITY
WJE 407, 408, 411, 880

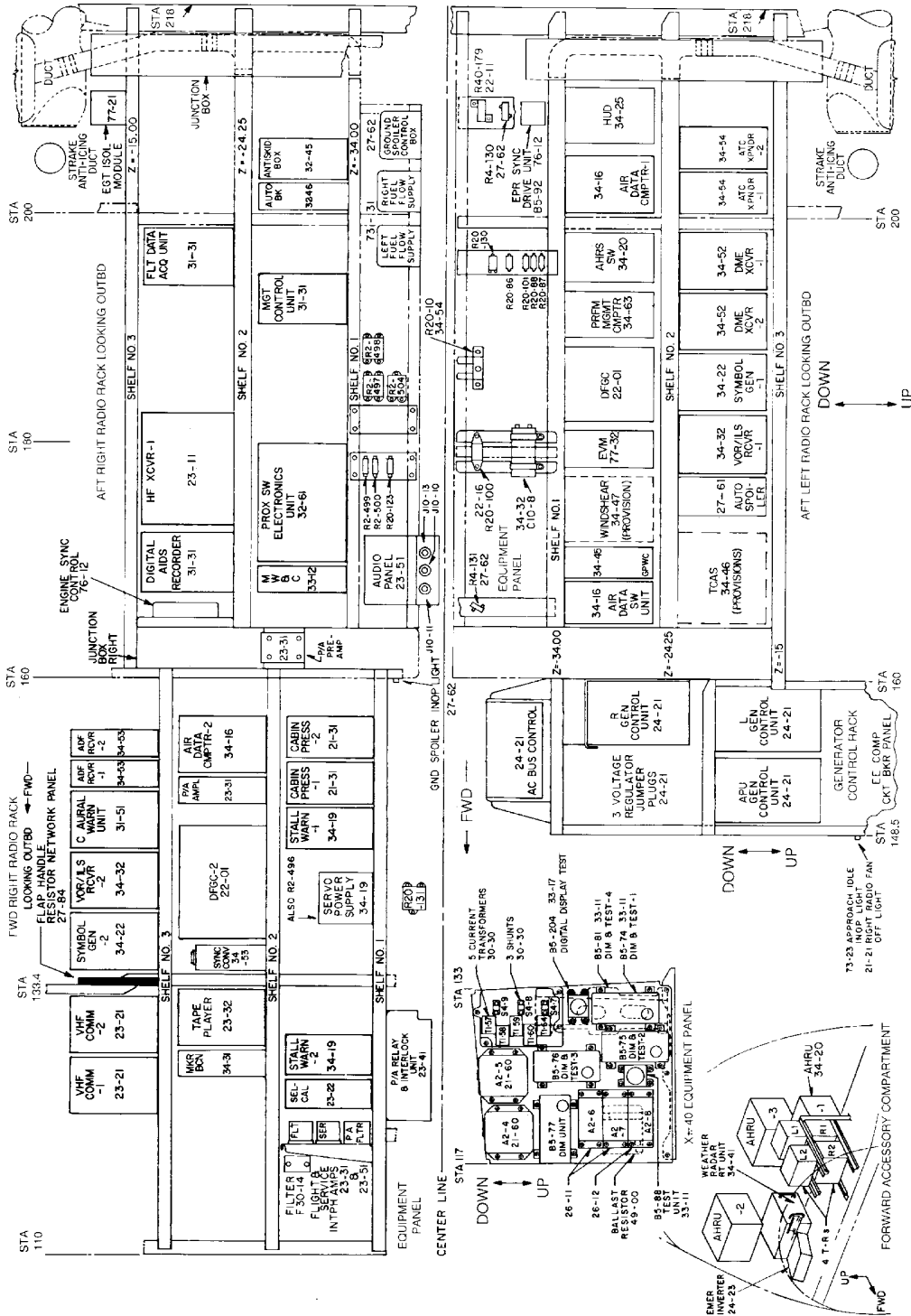
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MDC PROPRIETARY

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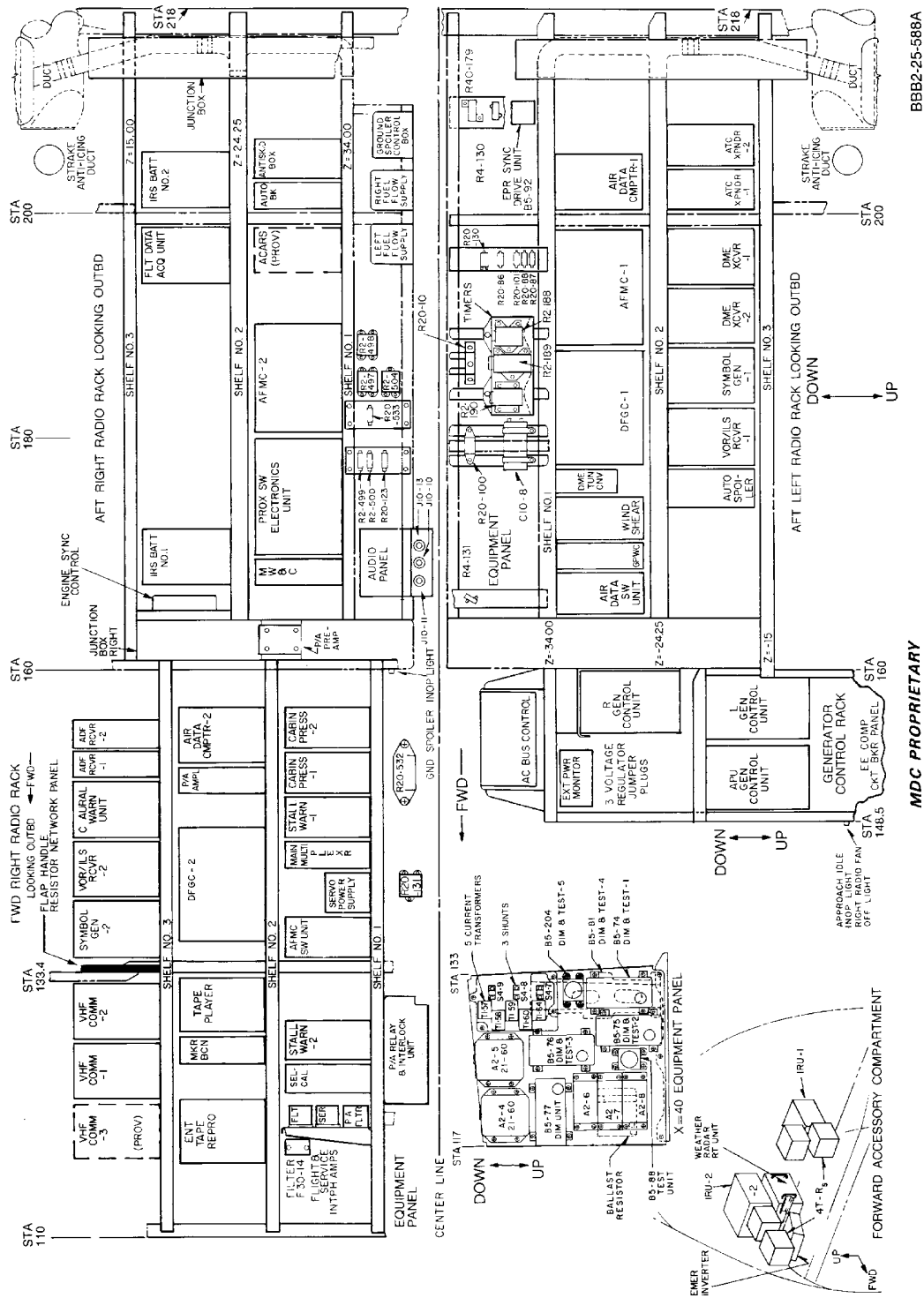
Electrical Electronics Compartment Racks
Figure 1/25-53-00-990-801 (Sheet 9 of 13)

MDC PROPRIETARY
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EFFECTIVITY
WJE 407, 408, 411, 880

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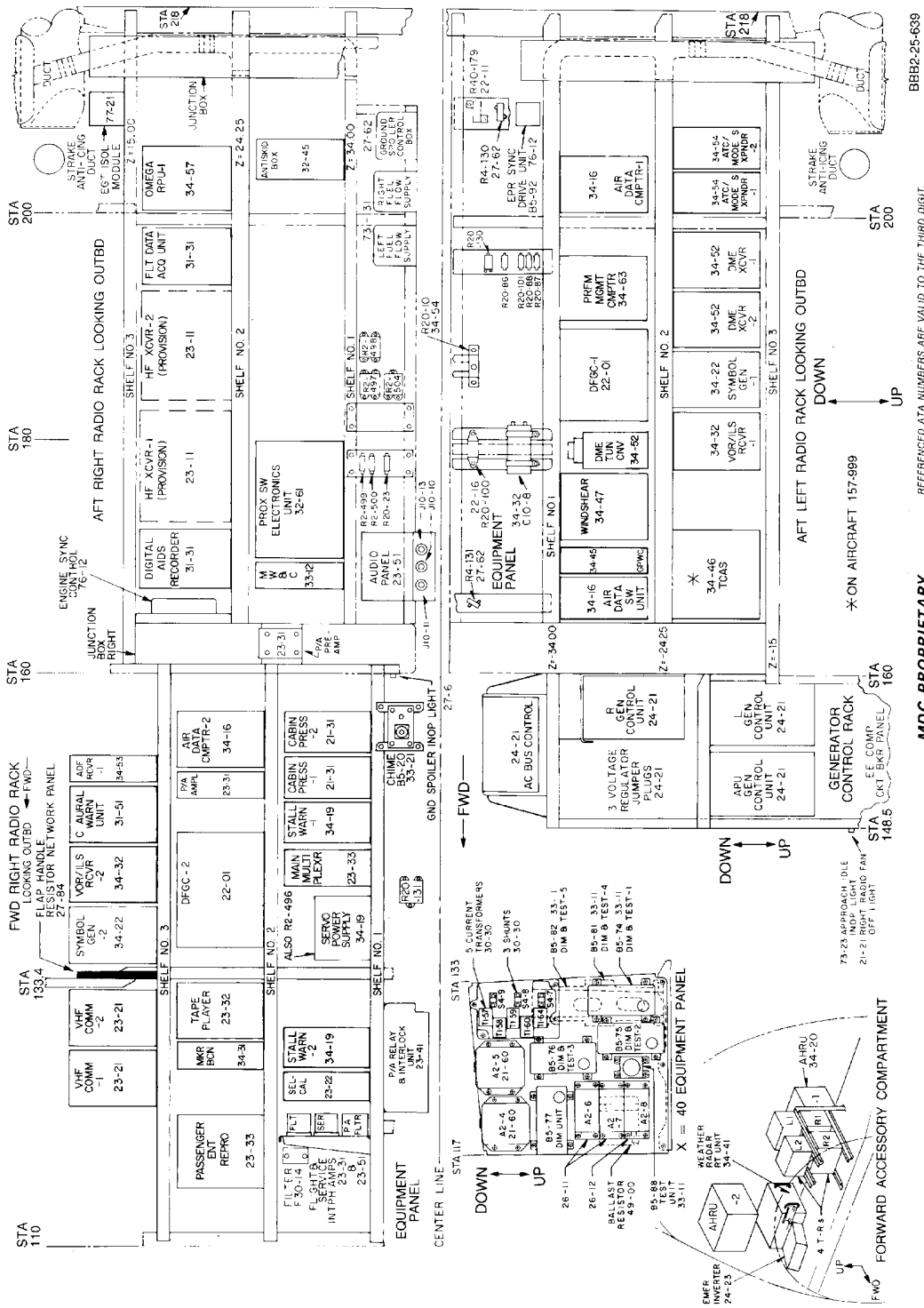
MDC PROPRIETARY

Electrical Electronics Compartment Racks
Figure 1/25-53-00-990-801 (Sheet 10 of 13)

EFFECTIVITY
WJE 401-404, 412, 414

25-53-00

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**Electrical Electronics Compartment Racks
Figure 1/25-53-00-990-801 (Sheet 11 of 13)**

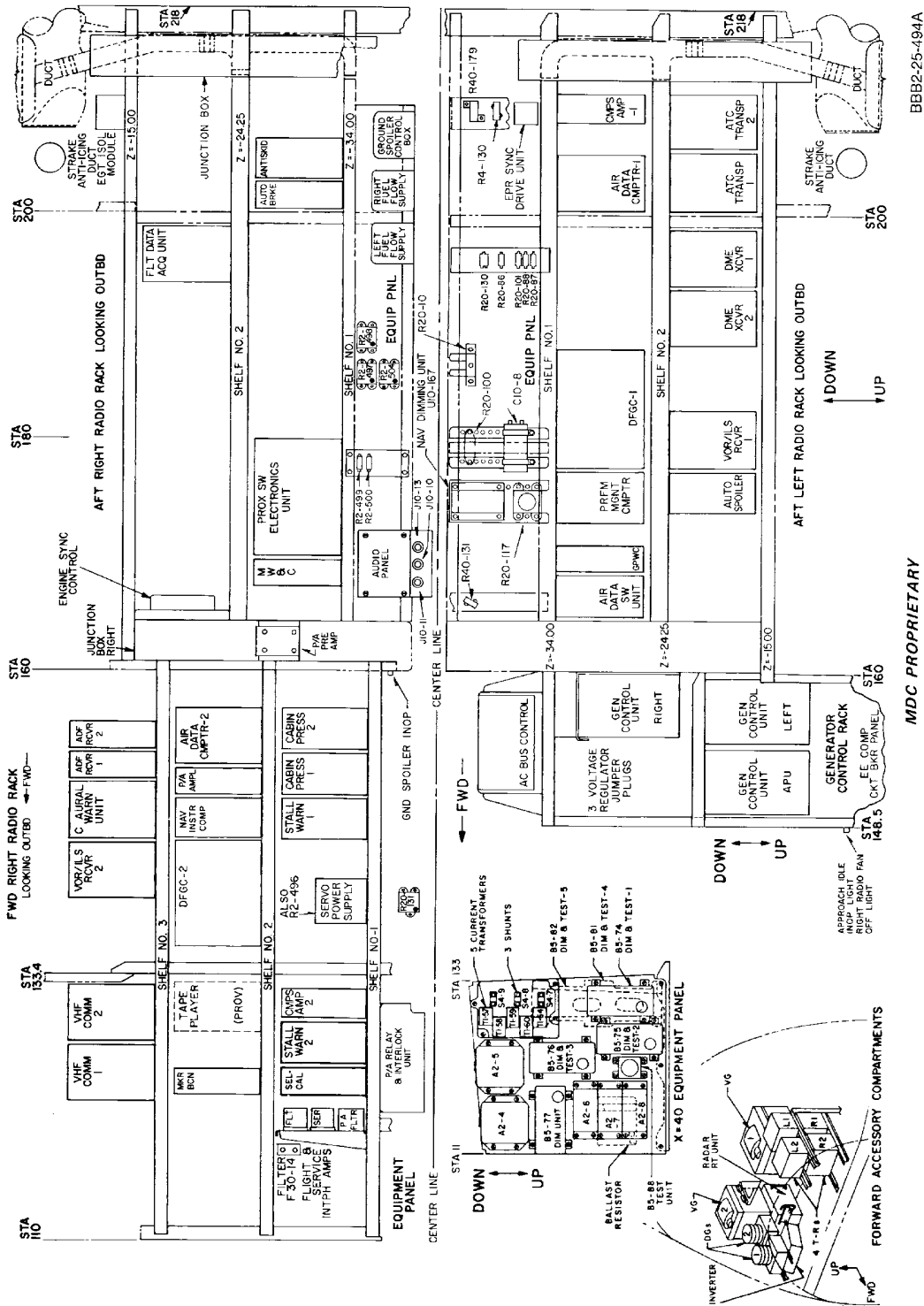
EFFECTIVITY
WJE 886, 887

25-53-00

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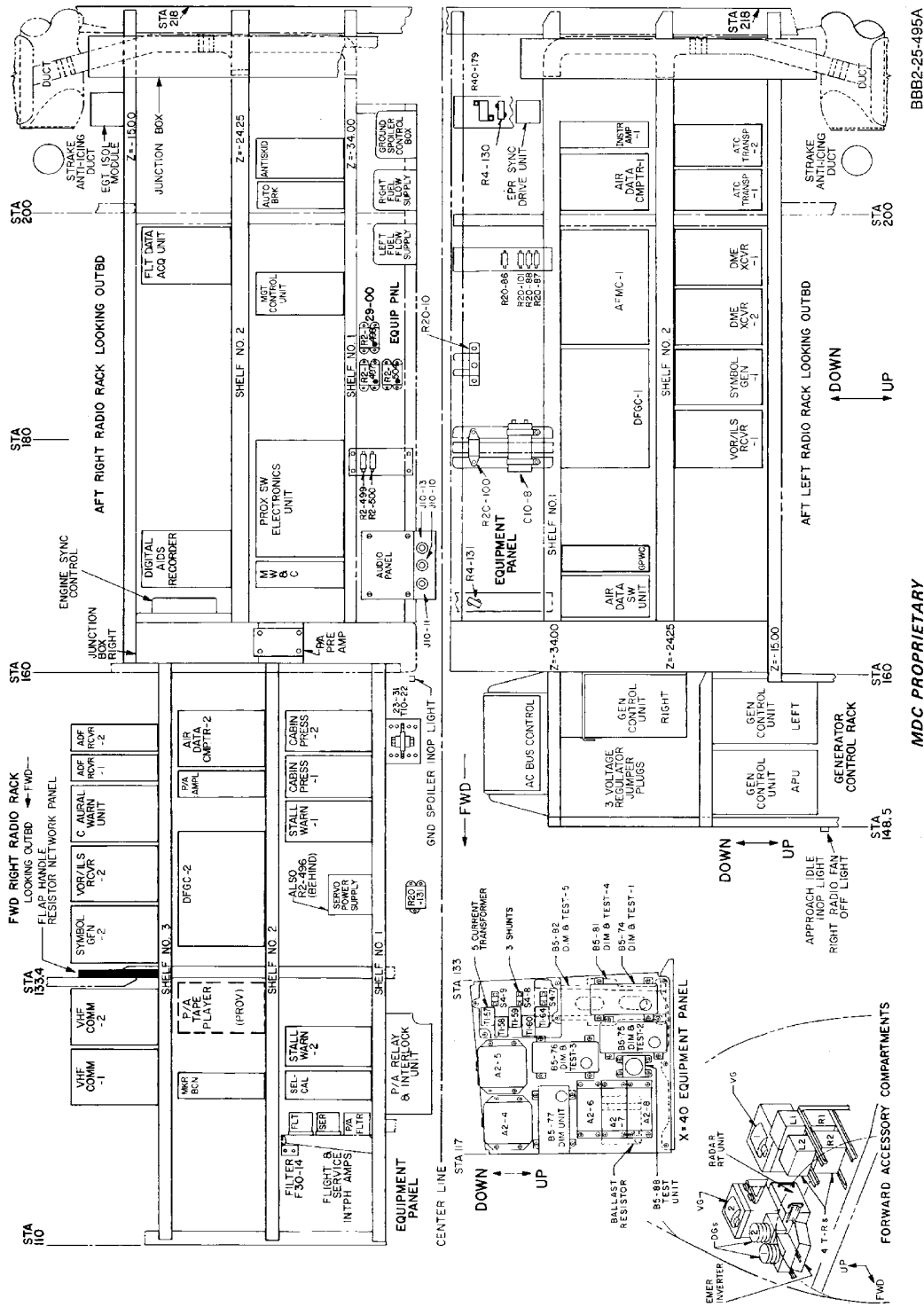


Electrical Electronics Compartment Test Racks
Figure 1/25-53-00-990-801 (Sheet 12 of 13)

EFFECTIVITY
WJE 416, 420, 422, 424-427, 429, 861, 862, 868, 891

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MDC PROPRIETARY

Electrical Electronics Compartment Racks
Figure 1/25-53-00-990-801 (Sheet 13 of 13)

EFFECTIVITY
WJE 415, 417-419, 421, 423, 863-866, 869, 871, 872

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LANDING GEAR WHEELWELLS - DESCRIPTION AND OPERATION

1. General

- A. The landing gear wheelwells are compartments provided for housing the main landing gear, located in the lower segment of the fuselage below the wing center section, and the nose landing gear, located in the forward lower section of the fuselage.

2. Main Landing Gear Wheelwells

A. Description

- (1) Wheelwells - The main landing gear wheelwells, in addition to housing the wheels when retracted, contain such hydraulic system components as reservoirs, filters, accumulators, pressure gages, pumps, and service panels. The inboard wheelwell doors can be opened while the aircraft is on the ground for easy access to the hydraulic components.
- (2) Lights - The main landing gear wheelwells are equipped with lights controlled by a switch located in the external power receptacle panel.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- (3) Debris Deflector Curtains - Two debris deflector curtains (optional), one each in each main landing gear wheel well, are provided for installation (between the upper and lower inboard trailing edge panels) to prevent accumulation of debris on the rear spar of the wheel well. Four extrusion tees, two in each main landing gear wheel well, are provided to support the debris deflector curtains.

WJE ALL

3. Nose Landing Gear Wheelwell

A. Description

- (1) Wheelwell - The nose landing gear wheelwell houses the nose wheel when retracted and provides access to the forward accessory compartment door. The forward nose gear doors can be opened for easy access to the wheelwell when the gear is extended.
- (2) Lights - The nose landing gear wheelwell is equipped with lights controlled by a switch located in the external power receptacle panel.

EFFECTIVITY
WJE ALL

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FORWARD ACCESSORY COMPARTMENT - DESCRIPTION AND OPERATION

1. General
 - A. The forward accessory compartment is located above the nose landing gear wheelwell, just forward of the flight compartment, in the fuselage nose section. The compartment is above the passenger and flight compartment floor level in the pressurized area of the fuselage, and houses electronics navigation equipment. Access to the compartment is through a plug-type door located overhead in the nose landing gear wheelwell.

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AFT ACCESSORY COMPARTMENT - DESCRIPTION AND OPERATION

1. General

- A. The aft accessory compartment is located in the tail section of the aircraft, aft of the pressure bulkhead. A compartment for the auxiliary power unit (APU) is provided directly below the aft accessory compartment, immediately aft of the pressure bulkhead. The compartments are not pressurized.

2. Aft Accessory Compartment

A. Description

- (1) Compartment and Equipment - The equipment installed in the compartment consists of cabin air conditioning and engine fire extinguishing equipment. Access to the compartment is through the pressure bulkhead and tail cone access doors, or through the opening provided when the tail cone is removed. A walkway in the compartment is provided between the pressure bulkhead and tail cone for emergency evacuation.
- (2) Compartment Lights - The compartment is equipped with lights controlled by a switch located near the pressure bulkhead entrance to the compartment.

3. APU Compartment

A. Description

- (1) Compartment and Equipment - The APU installation in the compartment is shrouded with a fireproof cover. Servicing access to the APU is provided on the fuselage lower exterior.

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WJE ALL

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VENTRAL STAIRWAY PANELS - MAINTENANCE PRACTICES

1. General

- A. This procedure has the removal and installation instructions for the ventral stairway panels.
- B. The ventral stairway panels are not normally removed except to facilitate structural inspection or repair.
- C. The panels that form the finished interior of the ventral stairway, except for ceiling and sidewall access panels, are secured to the aircraft structure with screws. The ceiling and sidewall access panels are provided with captive fasteners.

WJE ALL POST MD80-27-385

- D. Service bulletin MD80-27-385 installs a new cable guard on the ventral stairway jamb. This lets the elevator and rudder cable guide stay in its position and is independent of the ventral stairway enclosure panel.

WJE ALL

2. Removal/Installation Ventral Stairway Panels

- A. Prepare to Remove Ventral Stairway Panels:
 - (1) Place stairway control lever in OPEN position and hold until STAIR DOOR OPEN and STAIR DOWN lights come on; then, release lever.

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (2) Open these circuit breakers and install safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, MISCELLANEOUS RIGHT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
R	24	B1-124	DOOR WARNING

- (3) Secure aft accessory compartment walkway in up position.

WJE ALL PRE DC9-25-387

- (4) Remove rubber molding trim strips from panel edges, as required, for access to attachment screws.

WJE ALL

- B. Remove Ventral Stairway Panels: (Figure 201)
 - (1) Remove the applicable panels from the ventral stairs or ceiling as follows:
 - (a) If necessary to remove the left aft lower ventral stair panel, do the step that follows:

WJE ALL PRE MD80-27-385

- 1) Remove the elevator and rudder cable guide with the two attach screws.

NOTE: The elevator and rudder cable guide attach screws holds the left aft lower panel in its position.

EFFECTIVITY WJE ALL

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WJE ALL POST MD80-27-385

- 2) Removal of the elevator and rudder cable guide is not necessary when a cable guard is installed.

NOTE: Installed cable guard lets the elevator and rudder cable guide stay in its position and is independent of the left aft lower ventral stair panel.

WJE ALL

- (b) Remove the captive fasteners or screws from applicable panel edges and remove applicable panel from stairway sidewall or ceiling. If necessary, do the applicable steps that follow:
 - 1) Manually lower walkway for access to screws of panel. Reposition walkway in up position.
 - 2) Manually raise stairway to move strut for access to screws. Reposition stairway in down position.
- (c) Disconnect handrail attachment bracket to facilitate panel removal.
- (d) Remove screws from forward side of forward sidewall and ceiling panels. Lip on aft side of shroud is secured under forward panels

C. Install Ventral Stairway Panels: (Figure 201)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (1) Make sure that these circuit breakers are open and have safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, MISCELLANEOUS RIGHT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
R	24	B1-124	DOOR WARNING

- (2) Position applicable panel in desired location; then, install and secure panel to stairway or ceiling with attachment screws.
 - (a) If necessary, put the left aft lower ventral stair panel in its position then, do as follows:

WJE ALL PRE MD80-27-385

- 1) Make sure that the elevator and rudder cables are put in the cable guide. Attach the elevator and rudder guide with the two attach screws.

NOTE: Make sure that the elevator and rudder cables are free in the cable guide.

NOTE: The ventral stair control cables will be outside the cable guide.

WJE ALL POST MD80-27-385

- 2) With the left aft lower ventral stair panel in its position, examine to make sure that the elevator and rudder cables are free in the cable guide.

NOTE: The ventral stair control cables will be outside the cable guide.

EFFECTIVITY
WJE ALL

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WJE ALL

- (b) On aft upper sidewall panel, manually lower walkway for access to screws at upper edge of panel. Reposition walkway in up position.
 - (c) On aft lower sidewall panel, manually raise stairway to move strut for access to screws at aft end of panel. Reposition stairway in down position.
 - (d) On small forward sidewall panel, connect handrail attachment bracket when panel is installed.
 - (e) On doorway shroud panel, slide lip on aft side of shroud under forward edge of forward sidewall and ceiling panels.
- (3) Install applicable ceiling or sidewall access panels. Secure panel with captive fasteners.

WJE ALL PRE DC9-25-387

- (4) As required, install rubber molding trim strips on panel edges as follows:
- (a) Beginning at one end of trim strip, use thumb pressure to push retaining flanges on rubber trim into panel aluminum retainer channel.
 - (b) Continue pressing trim retaining flanges into aluminum channel until trim is installed.

CAUTION: DO NOT ATTEMPT TO INSTALL NEW RUBBER MOLDING TRIM BY PULLING IT INTO POSITION ON ALUMINUM CHANNEL. STRETCHING RUBBER TRIM WILL RESULT IN UNSATISFACTORY APPEARANCE AS TRIM RETURNS TO ITS UNSTRETCHED LENGTH OVER PERIOD OF TIME.

- (c) If new uncut length of rubber trim is being installed, terminate length of trim as appropriate beyond end of aluminum channel by cutting trim with sharp knife.

WJE ALL

- (5) Check that aft accessory compartment walkway is clear for freedom of operation.
- (6) Remove the safety tags and close these circuit breakers:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-778	AFT MISCELLANEOUS CABIN AND LAVATORY OCCUPIED LIGHTS

LOWER EPC, MISCELLANEOUS RIGHT DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
R	24	B1-124	DOOR WARNING

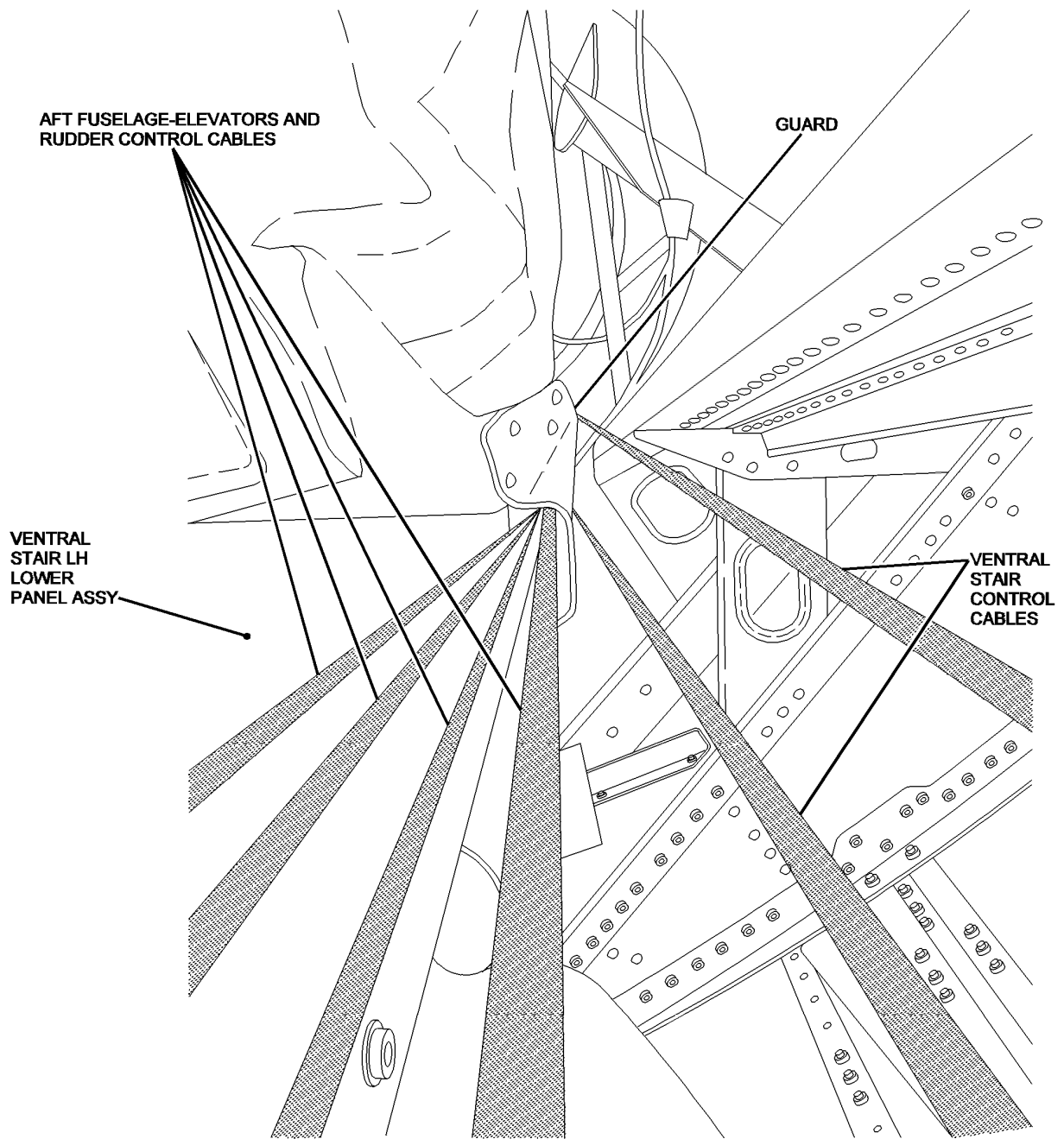
- (7) Place stairway control lever in CLOSE position and hold until STAIR DOWN and STAIR DOOR OPEN lights go off; then, release lever.

EFFECTIVITY WJE ALL	
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VENTRAL STAIRWAY PANELS INSTALLATION
Figure 201/25-56-01-990-801 (Sheet 1 of 2)

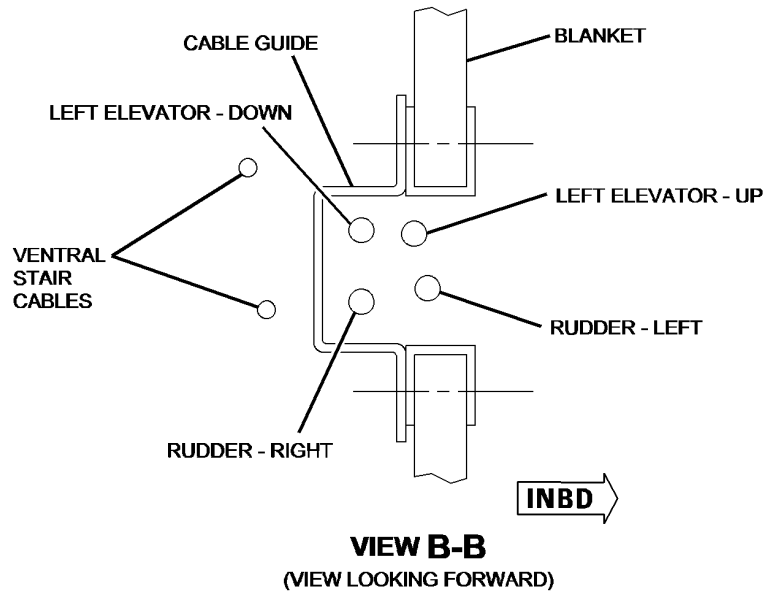
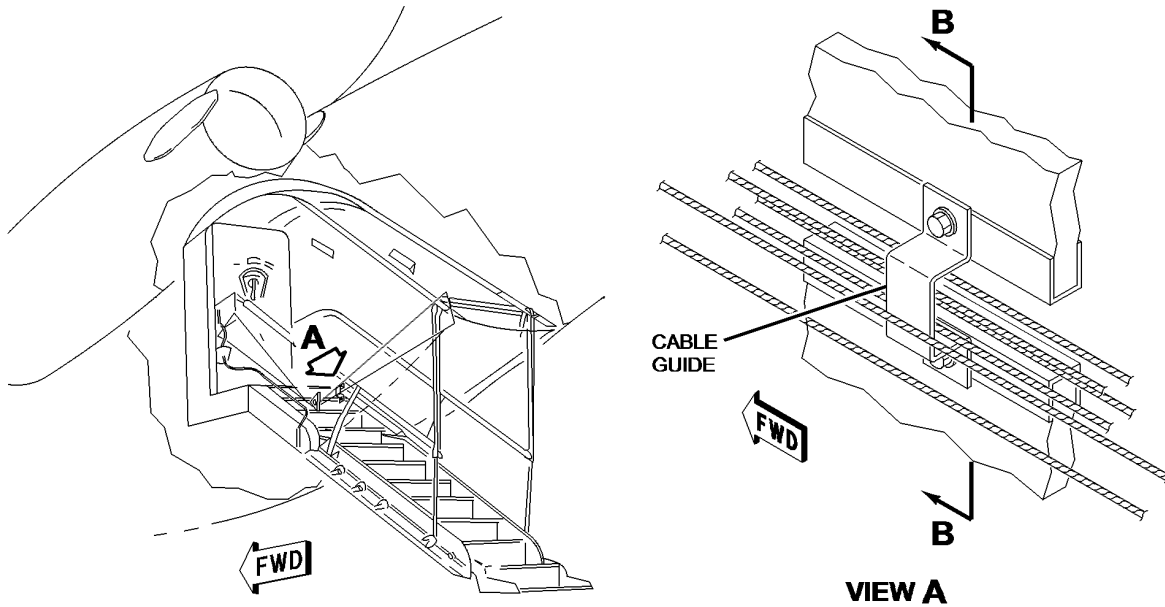
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AIRCRAFT MAINTENANCE MANUAL**



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S000055824V1

VENTRAL STAIRWAY PANELS INSTALLATION
Figure 201/25-56-01-990-801 (Sheet 2 of 2)

EFFECTIVITY
WJE ALL

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EMERGENCY - DESCRIPTION AND OPERATION

1. General

- A. This section describes the emergency evacuation provisions for the aircraft, including evacuation slides, escape lines, and other associated emergency equipment. (Figure 1 or Figure 2 or Figure 3)

2. Emergency

- A. Description

WJE 401-404, 875-879

- (1) Emergency Evacuation - Emergency evacuation from the passenger compartment can be made through the forward passenger entrance door, the forward and aft galley service doors, through the centrally located overwing emergency exits, and through the aft accessory compartment when the tailcone has been jettisoned. The clearview windows in the flight compartment provide an alternate route of egress for the crew.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (2) Emergency Evacuation - Emergency evacuation from the passenger compartment can be made through the forward passenger entrance door, the forward and aft galley service doors, through the centrally located overwing emergency exits, and through the aft accessory compartment when the tailcone has been jettisoned. The clearview windows in the flight compartment provide an alternate route of egress for the crew.

WJE 401-404, 875-879

- (3) Evacuation Slides - The inflatable evacuation slides, stowed in containers, are provided at the passenger entrance door and at the forward and aft galley service doors. The door slides inflate automatically when an armed door is opened. The slides incorporate a manual pull handle as a backup for slide inflation. An inflatable evacuation slide is also installed on the walkway in the aft accessory compartment for use when the tailcone is jettisoned. The aft slide inflates automatically when the tailcone is jettisoned. A strap on the left side of the accessory compartment walkway is provided as a guide to the aft slide. A platform and an assist handle are installed on the right side of the aft accessory compartment, just forward of the jettisonable tailcone, so that a cabin attendant can assist passengers through the tailcone emergency exit. A cross-aisle barrier strap, on the forward side of the aft lavatories, is provided to retain passengers while the attendants make preparations for a tailcone emergency exit.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (4) Evacuation Slides - The inflatable evacuation slides, stowed in containers, are provided at the passenger entrance door and at the forward and aft galley service doors. The door slides inflate automatically when an armed door is opened. The slides incorporate a manual pull handle as a backup for slide inflation. An inflatable evacuation slide is also installed on the walkway in the aft accessory compartment for use when the tailcone is jettisoned. The aft slide inflates automatically when the tailcone is jettisoned. A strap on the left side of the accessory compartment walkway is provided as a guide to the aft slide. A platform and an assist handle are installed on the right side of the aft accessory compartment, just forward of the jettisonable tailcone, so that a cabin attendant can assist passengers through the tailcone emergency exit. A cross-aisle barrier strap, on the forward side of the aft lavatories, is provided to retain passengers while the attendants make preparations for a tailcone emergency exit.
- (5) Escape Lines - An escape line is installed above each clearview window in the flight compartment. Provisions only are provided for an escape line above each aft overwing exit.

EFFECTIVITY

WJE 401-404, 415-427, 429, 861-866, 868, 869, 871, 872, 875-879, 891

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WJE 401-404, 875-879

- (6) Escape Lines - An escape line is installed above each clear-view window in the flight compartment and a tie-down escape line is provided above each aft overwing emergency exit in the passenger compartment.

WJE 875-879

- (7) Life Rafts - Two double compartments for the stowage of four 46-man life rafts are provided in the passenger cabin ceiling; one in the forward area just above and aft of the fourth row of seats, and one in the overwing area just above the overwing exits. A survival kit and radio beacon are included in each life raft stowed in the aircraft.

WJE 401-404

- (8) Life Rafts - Two double compartments for the stowage of four 46-man life rafts are provided in the passenger cabin ceiling; one in the forward area just above and aft of the class divider partition, and one in the overwing area just above the overwing exits. A survival kit and radio beacon are included in each life raft stowed in the aircraft.

WJE 875-879

- (9) Life Raft Temperature Tabs - Life raft temperature tabs are provided for checking possible heat damage to life rafts stowed in the centerline ceiling compartments. A temperature tab (marked Temp-Plate), one for each side of the passenger cabin, is installed on the sidewall (at the air conditioning dropper duct) just below the overhead stowage compartment, and aligned with the approximate center of the installed life raft compartments. Temperature tabs are also installed on the air conditioning duct immediately above each life raft. Each temperature tab has four (4) indicator windows with labeled values of 150°F, 160°F, 170°F, and 180°F. The windows are normally silver gray in color and turn black when exposed to temperatures greater than the indicated values. Whenever the sidewall temperature tab indicates 160°F or above, or if the tab is missing, the applicable life raft must be lowered so that the ceiling temperature tab can be checked. If the ceiling temperature tab indicates 160°F, the life raft is removed and checked for damage. New temperature tabs are installed as required, and an approved life raft is installed in the ceiling compartment.

WJE 401-404

- (10) Life Raft Temperature Tabs - Life raft temperature tabs are provided for checking possible heat damage to life rafts stowed in the centerline ceiling compartments. A temperature tab (marked Temp-Plate), one for each side of the passenger cabin, is installed on the sidewall (at the air conditioning dropper duct) just below the overhead stowage compartment, and aligned with the approximate center of the installed life raft compartments. Temperature tabs are also installed on the air conditioning duct immediately above each life raft. Each temperature tab has four (4) indicator windows with labeled values of 150°F, 160°F, 170°F, and 180°F. The windows are normally silver gray in color and turn black when exposed to temperatures greater than the indicated values. Whenever the sidewall temperature tab indicates 160°F or above, or if the tab is missing, the applicable life raft must be lowered so that the ceiling temperature tab can be checked. If the ceiling temperature tab indicates 160°F, the life raft is removed and checked for damage. New temperature tabs are installed as required, and an approved life raft is installed in the ceiling compartment.

WJE 875-879

- (11) Life Vests - A life vest is stowed under each passenger seat and adjacent to each crew member and seat. Two life vests are stowed adjacent to each of the forward and aft attendant seats. A life vest is stowed in a pouch on the aisle side of the G4 galley unit for the attached folding attendant seat.

EFFECTIVITY

WJE 401-404, 415-427, 429, 861-866, 868, 869, 871,
872, 875-879, 891

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WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (12) Life Vests - A life vest is stowed under each passenger seat and adjacent to each crew member seat. Two life vests are stowed adjacent to the forward and aft cabin attendant seats. A life vest is also stowed under the single cabin attendant seat on the inboard (aisle) side of the G5 galley unit at the aft galley service door.

WJE 401-404

- (13) Life Vests - A life vest is stowed under each passenger seat and adjacent to each crew member and seat. Two life vests are stowed adjacent to each of the forward and aft attendant seats. An additional two life vests are stowed under the aft attendant seat.

WJE 401-404, 875-879

- (14) Door Barrier Straps - Three door barrier straps, one each for the forward passenger door, and the forward and aft galley service doors, are provided as a safety precaution for an open cabin door when a stairway or ramp is not in place. When used, the straps are secured across the doorway to anchor plates mounted on the doorjamb. Each strap incorporates a 10 x 10 inch (254 x 254 mm) red flag that is centered in the doorway. When not in use, the straps are stowed in plastic containers installed in the overhead stowage compartment adjacent to each cabin door.

WJE 415-427, 429

- (15) Door Barrier Strap - A door barrier strap is provided as a safety precaution for an open aft galley service door when a stairway or ramp is not in place. When used, the strap is secured across the doorway to anchor plates mounted on the doorjamb. The strap incorporates a 10 x 10 inch (254 x 254 mm) red flag that is centered in the doorway. When not in use, the strap is stowed in a plastic container installed in the G5 galley unit (on aircraft 101-150) or in the overhead stowage compartment adjacent to the aft galley service door (on aircraft 151-200).

WJE 861-866, 868, 869, 871, 872, 891

- (16) Door Barrier Strap - A door barrier strap is provided as a safety precaution for an open aft galley service door when a stairway or ramp is not in place. When used, the strap is secured across the doorway to anchor plates mounted on the doorjamb. The strap incorporates a 10 x 10 inch (254 x 254 mm) red flag that is centered in the doorway. When not in use, the strap is stowed in a plastic container.

EFFECTIVITY

WJE 401-404, 415-427, 429, 861-866, 868, 869, 871, 872, 875-879, 891

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WJE 875-879

- (17) Other Emergency Equipment - Other emergency equipment includes a fire axe, stowed in the flight compartment behind the captain's seat; three first aid kits, one forward right and two aft right in the overhead stowage compartments; and two battery powered megaphones, one forward left and one aft right in the overhead stowage compartments. A portable emergency light, with an ON-OFF switch, is stowed adjacent to the forward passenger entrance door. When installed in its holder, the battery for the light is connected to a charging system. Self-illuminated emergency exit signs, with instructions, are installed above the cabin emergency exits. Six flashlights are provided adjacent to cabin attendant seats in the passenger compartment. A single flashlight is installed on the outboard side of the forward cabin attendant seat, one on the forward side of the windscreen just aft of the forward entrance door, two on a panel just aft of the aft right lavatory, and two on the windscreen just forward of the aft galley service door. Two flashlights are installed on the forward side of the forward lavatory, two on a panel just aft of the aft right lavatory, and two on the windscreen just forward of the aft gallery service door (Figure 1). Emergency transmitters are installed in the overhead stowage compartments on the right side of the passenger cabin, one above the second or third row of passenger seats, and one in the second from last overhead stowage compartment.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (18) Other Emergency Equipment - Other emergency equipment includes a fire axe, stowed in the flight compartment behind the captain's seat; three first aid kits, one in the emergency equipment drawer in the lower inboard side of the forward right coatroom/stowage compartment, and two stacked in the lower inboard side of the aft right coatroom/stowage compartment; and two battery powered megaphones, one forward left and one aft right in the overhead stowage compartments. A portable emergency light, with an ON-OFF switch, is stowed adjacent to the forward passenger entrance door. When installed in its holder, the battery for the light is connected to a charging system. Self-illuminated emergency exit signs, with instructions, are installed above the cabin emergency exits. Seven flashlights are provided in the passenger compartment; two on the outboard side of the forward cabin attendant seat, two on a panel just aft of the aft right lavatory, one on the forward inboard side of the G5 galley unit just above the console for the attached cabin attendant seat, and two (one on each side) in the overhead stowage compartments in the mid cabin area. There is no cabin attendant station adjacent to the aft galley service door; therefore, only six flashlights are required for the aircraft.

EFFECTIVITY

WJE 401-404, 415-427, 429, 861-866, 868, 869, 871, 872, 875-879, 891

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WJE 401-404

- (19) Other Emergency Equipment - Other emergency equipment includes a fire axe, stowed in the flight compartment behind the captain's seat; three first aid kits, one forward right and two aft right in the overhead stowage compartments; and two battery powered megaphones, one forward left and one aft right in the overhead stowage compartments. A portable emergency light, with an ON-OFF switch, is stowed adjacent to the forward passenger entrance door. When installed in its holder, the battery for the light is connected to a charging system. Self-illuminated emergency exit signs, with instructions, are installed above the cabin emergency exits. Six flashlights are provided adjacent to cabin attendant seats in the passenger compartment. A single flashlight is installed on the outboard side of the forward cabin attendant seat, one on the forward side of the windscreen just aft of the forward entrance door, two on a panel just aft of the aft right lavatory, and two on the windscreen just forward of the aft galley service door. Two flashlights are installed on the forward side of the forward lavatory, two on a panel just aft of the aft right lavatory, and two on the windscreen just forward of the aft gallery service door (Figure 3). Emergency transmitters are installed in the overhead stowage compartments on the right side of the passenger cabin, one above the second or third row of passenger seats, and one in the second from last overhead stowage compartment.

WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

- (20) Electrical Utility Outlets - Four 115 VAC, single-phase, 400 Hz, three prong, ground type electrical utility outlets which provide 1,000 watts of power are provided for the passenger cabin; one each on the lower inboard side of the forward and aft coatroom/stowage compartments, and one each on the floor panel below the left and right overwing emergency exits. Two AC to DC converters are installed; one in the forward and one in the aft passenger compartment to provide power for the shaver outlets (a 115 volt universal-type shaver outlet is installed in each of the aft lavatories).

WJE 401-404, 415-427, 429, 861-866, 868, 869, 871, 872, 875-879, 891

EFFECTIVITY

WJE 401-404, 415-427, 429, 861-866, 868, 869, 871,
872, 875-879, 891

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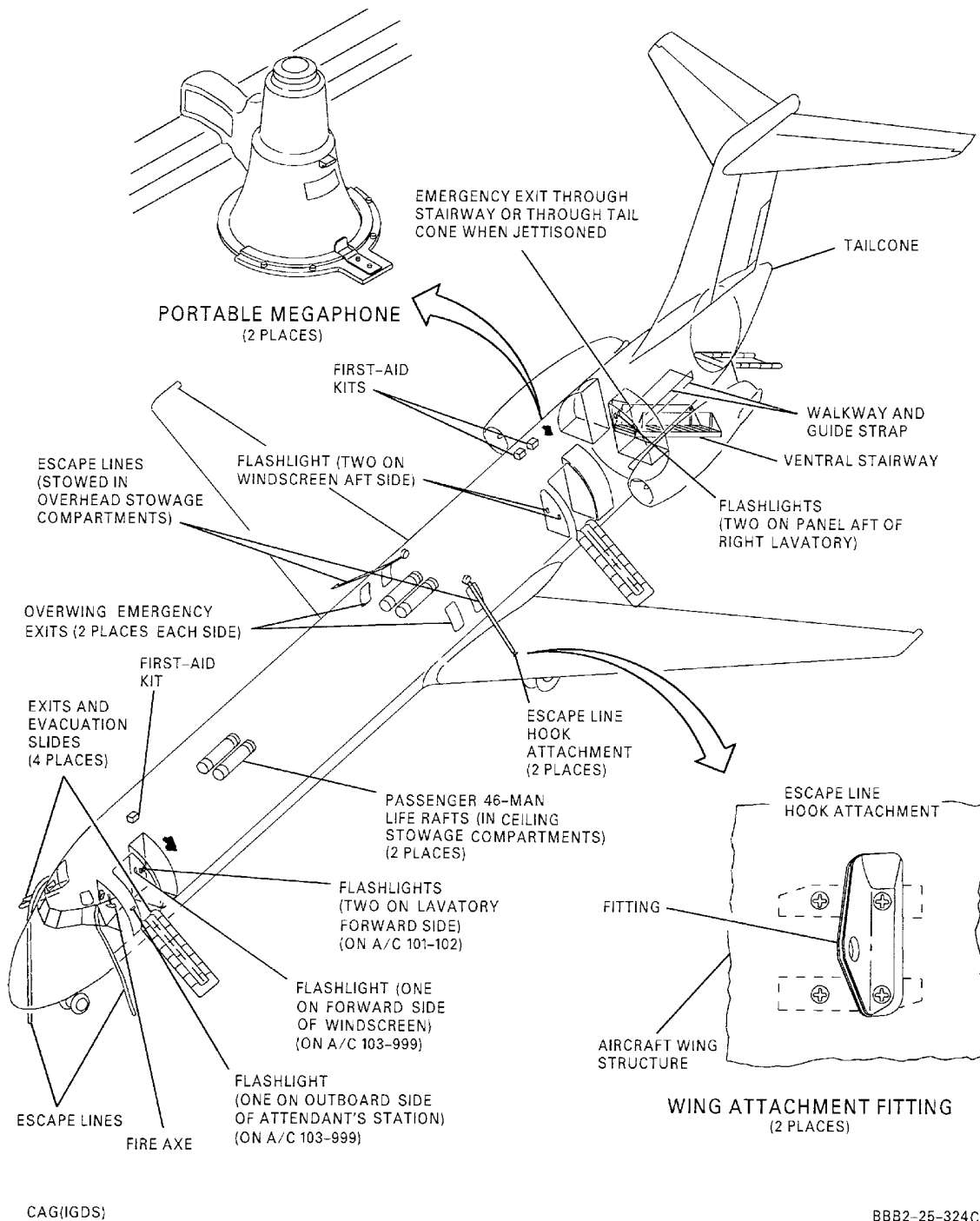
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CAG(IGDS)

BBB2-25-324C

**Emergency Equipment Locations
Figure 1/25-60-00-990-819**

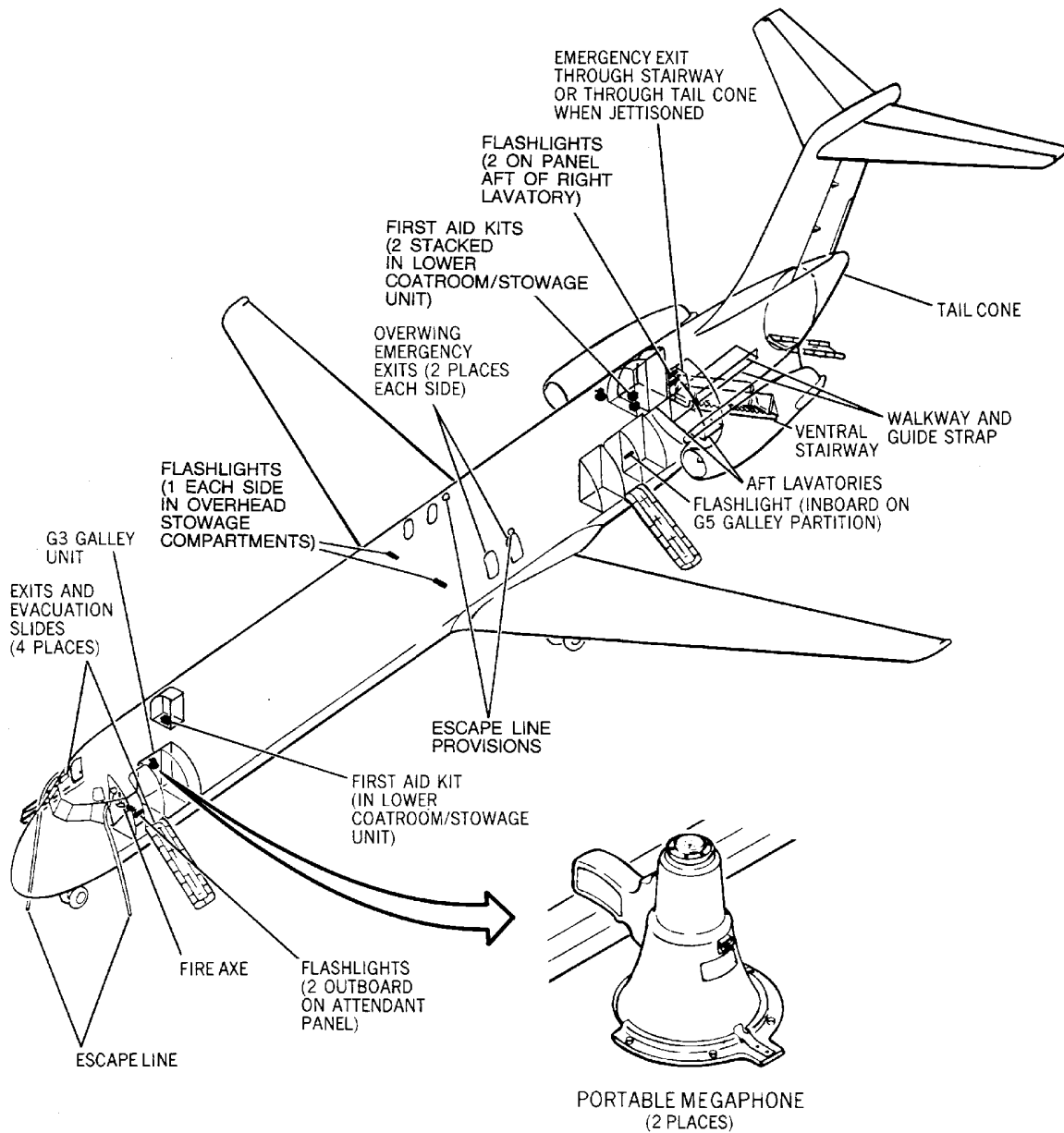
EFFECTIVITY
WJE 875-879

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BBB2-25-295B

Emergency Equipment Locations
Figure 2/25-60-00-990-820

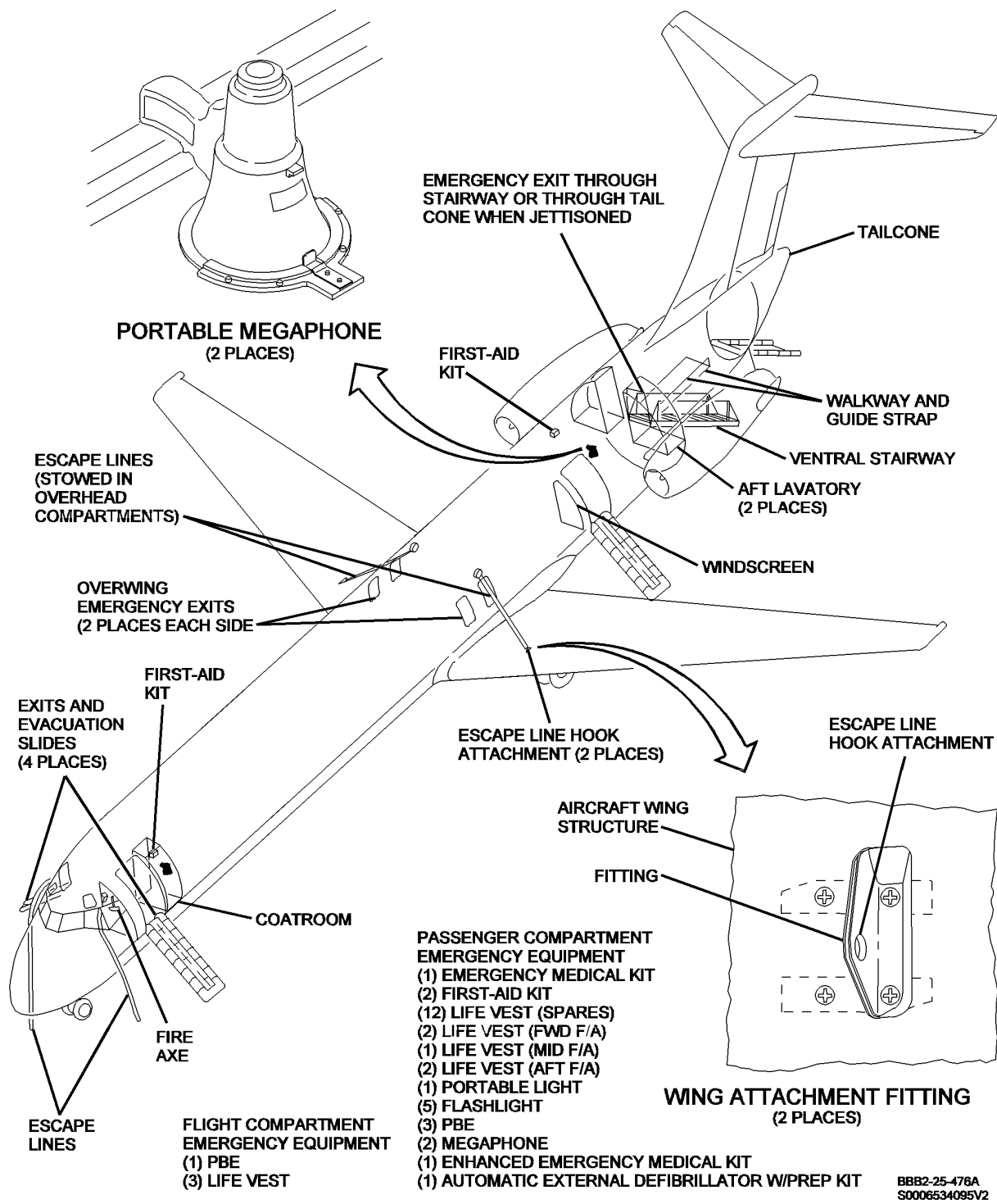
EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

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**MD-80
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**Emergency Equipment Locations
Figure 3/25-60-00-990-822**

EFFECTIVITY
WJE 401-404

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EMERGENCY - DESCRIPTION AND OPERATION

1. General

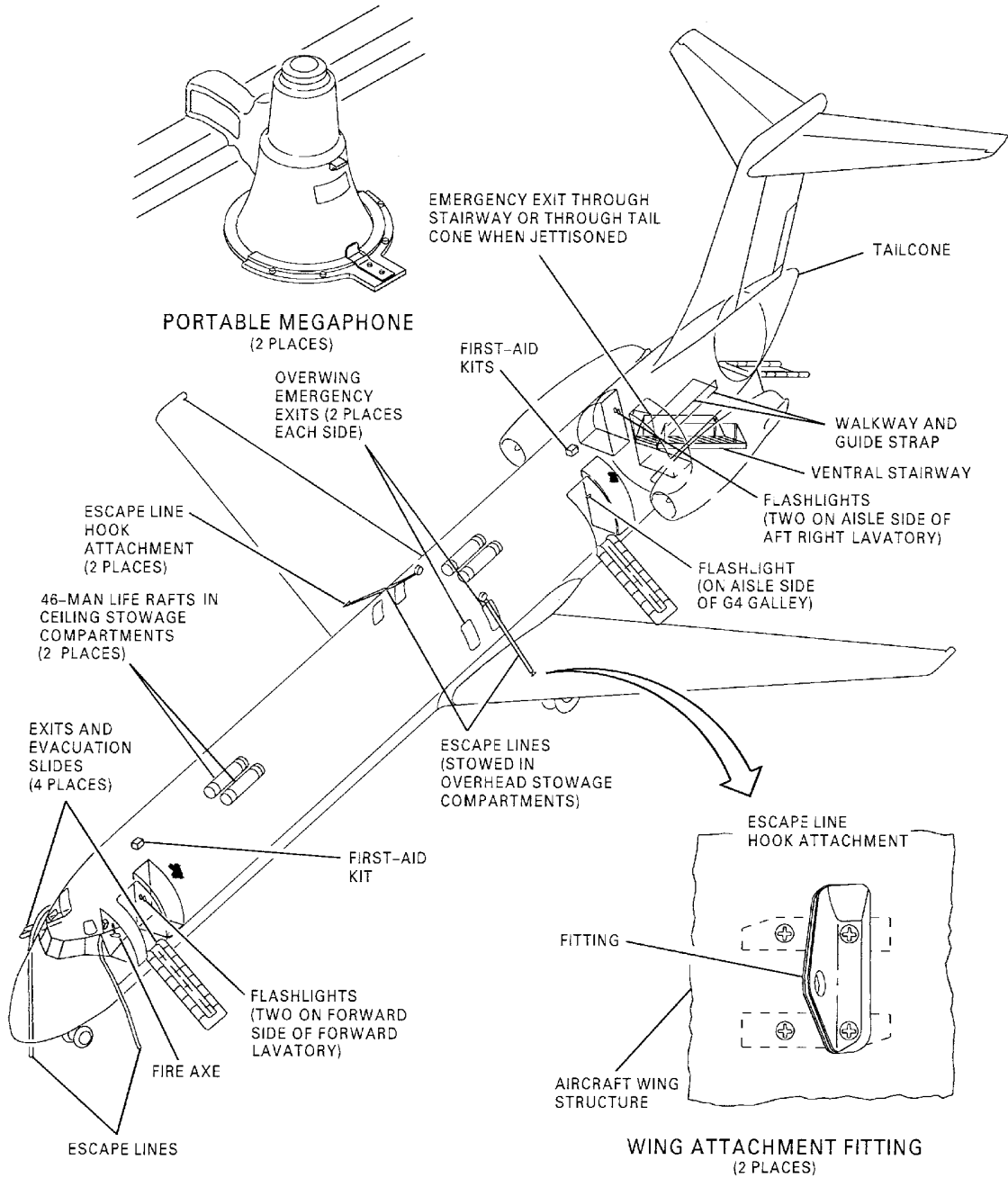
- A. This section describes the emergency evacuation provisions for the aircraft, including evacuation slides, escape lines, and other associated emergency equipment. (Figure 1)

2. Emergency

A. Description

- (1) Emergency Evacuation - Emergency evacuation from the passenger compartment can be made through the forward passenger entrance door, the forward and aft galley service doors, through the centrally located overwing emergency exits, and through the aft accessory compartment when the tailcone has been jettisoned. The clearview windows in the flight compartment provide an alternate route of egress for the crew.
- (2) Escape Lines - An escape line is installed above each clear-view window in the flight compartment and a tie-down escape line is provided above each aft overwing emergency exit in the passenger compartment.
- (3) Life Rafts - Two double compartments for the stowage of four 46-man life rafts are provided in the passenger cabin ceiling, one in the forward area just above the seventh row of passenger seats and one in the overwing area just above the aft overwing exits. A survival kit and radio locator beacon are included in each life raft stowed in the aircraft.
- (4) Life Raft Temperature Tabs - Life raft temperature tabs are provided for checking possible heat damage to life rafts stowed in the centerline ceiling compartments. A temperature tab (marked Temp-Plate), one for each side of the passenger cabin, is installed on the sidewall (at the air-conditioning dropper duct) just below the overhead stowage compartment, and aligned with the approximate center of the installed life raft compartments. Temperature tabs are also installed on the air-conditioning duct immediately above each life raft. Each temperature tab has four (4) indicator windows with labeled values of 150°F, 160°F, 170°F, and 180°F. The windows are normally silver gray in color and turn black when exposed to temperatures greater than the indicated values. Whenever the sidewall temperature tab indicates 160°F or above, or if the tab is missing, the applicable life raft must be lowered so that the ceiling temperature tab can be checked. If the ceiling temperature tab indicates 160°F, the life raft is removed and checked for damage. New temperature tabs are installed as required, and an approved life raft is installed in the ceiling compartment.
- (5) Life Vests - A life vest is stowed under each passenger seat and adjacent to each crew member seat. Two life vests are stowed adjacent to each of the forward and aft attendant seats. A life vest is stowed in a pouch adjacent to the folding attendant seat at the aft service door.
- (6) Other Emergency Equipment - Other emergency equipment includes a fire axe, stowed in the flight compartment behind the captain's seat; three first aid kits, one forward right and two aft right in the overhead stowage compartments; and two battery powered megaphones, one forward left and one aft left in the overhead stowage compartments. A portable emergency light, with an ON-OFF switch, is stowed adjacent to the forward passenger entrance door. When installed in its holder, the battery for the light is connected to a charging system. Self-illuminated emergency exit signs, with instructions, are installed above the cabin emergency exits. Five flashlights are provided adjacent to cabin attendant seats in the passenger compartment; two in a recess on the forward side of the forward lavatory, two in a recess on the aisle side aft of the aft right lavatory, and one on the inboard side of the G4 galley adjacent to the cabin attendant seat.

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CAG(IGDS)

BBB2-25-454 A

**Emergency Equipment Locations
Figure 1/25-60-00-990-825**

EFFECTIVITY
WJE 873, 874, 892, 893

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EMERGENCY - DESCRIPTION AND OPERATION

1. General

- A. This section describes the emergency evacuation provisions for the aircraft, including evacuation slides, escape lines, life rafts, and other associated emergency equipment. (Figure 1 or Figure 2 or Figure 3)

2. Emergency

- A. Description

WJE 405-409, 411, 880, 881, 883, 884

- (1) Emergency Evacuation - Emergency evacuation from the passenger compartment can be made through the forward passenger entrance door, the forward and aft galley service doors, through the centrally located overwing emergency exits, and through the aft accessory compartment when the tailcone has been jettisoned. The clearview windows in the flight compartment provide an alternate route of egress for the crew.

WJE 410

- (2) Emergency Evacuation - Emergency evacuation from the passenger compartment can be made through the forward passenger entrance door, the forward galley service door, through the centrally located overwing emergency exits, and through the aft accessory compartment when the tailcone has been jettisoned. The clearview windows in the flight compartment provide an alternate route of egress for the crew.

WJE 405-409, 411, 880, 881, 883, 884

- (3) Evacuation Slides - The inflatable evacuation slides, stowed in containers, are provided at the passenger entrance door and at the forward and aft galley service doors. The door slides are inflated by a manual pull handle. An inflatable evacuation slide is also installed on the walkway in the aft accessory compartment for use when the tailcone is jettisoned. The aft slide inflates automatically when tailcone is jettisoned. A strap on the left side of the accessory compartment walkway is provided as a guide to the aft slide. A platform and an assist handle are installed on the right side of the aft accessory compartment, just forward of the jettisonable tailcone, so that a cabin attendant can assist passengers through the tailcone emergency exit.

WJE 410

- (4) Evacuation Slides - The inflatable evacuation slides, stowed in containers, are provided at the passenger entrance door and at the forward and aft galley service doors. The door slides inflate automatically when an armed door is opened. The slides incorporate a manual pull handle as a backup for slide inflation. An inflatable evacuation slide is also installed on the walkway in the aft accessory compartment for use when the tailcone is jettisoned. The aft slide inflates automatically when the tailcone is jettisoned. A strap on the left side of the accessory compartment walkway is provided as a guide to the aft slide. A platform and an assist handle are installed on the right side of the aft accessory compartment, just forward of the jettisonable tailcone, so that a cabin attendant can assist passengers through the tailcone emergency exit. A cross-aisle barrier strap, on the forward side of the aft galleys, is provided to retain passengers while the attendants make preparations for a tailcone emergency exit.

WJE 405, 406, 409, 410, 881, 883, 884

- (5) Escape Lines - An escape line is installed above each clear-view window in the flight compartment and a tie-down escape line is provided above each aft overwing emergency exit in the passenger compartment.

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WJE 405-411, 880, 881, 883, 884

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WJE 407, 408, 411, 880

- (6) Escape Lines - An escape line is installed above each clearview window in the flight compartment and above each overwing emergency exit in the passenger compartment.
- (7) Life Rafts - On aircraft 101-103 only, two double compartments for the stowage of four 38-man life rafts are provided in the passenger cabin ceiling, one in the forward area just above the seventh row of passenger seats and one in the overwing area just above the aft overwing exits. Provisions are installed in the overhead stowage compartment on the left side of the cabin, just forward of the forward overwing exit, for the stowage of a 30-man life raft. A survival kit and radio locator beacon are included in each life raft stowed in the aircraft.

WJE 405, 406, 409, 881, 883, 884

- (8) Life Rafts - Two double compartments for the stowage of four 46-man life rafts are provided in the passenger cabin ceiling, one in the forward area just above the seventh row of passenger seats and one in the overwing area just above the aft overwing exits. A survival kit and radio locator beacon are included in each life raft stowed in the aircraft.

WJE 410

- (9) Life Rafts - Two double compartments for the stowage of four 46-man life rafts are provided in the passenger cabin ceiling; one in the forward area just above and aft of the fifth row of passenger seats at the front end of the cabin, and one in the overwing area just above the overwing exits. A survival kit and radio beacon are included in each life raft stowed in the aircraft.

WJE 407, 408, 411, 880

- (10) Life Raft Temperature Tabs - On aircraft 101-103 only, life raft temperature tabs are provided for checking possible heat damage to life rafts stowed in the centerline ceiling compartments. A temperature tab (marked Temp-Plate), one for each side of the passenger cabin, is installed on the sidewall (at the air-conditioning dropper duct) just below the overhead stowage compartment, and aligned with the approximate center of the installed life raft compartments. Temperature tabs are also installed on the air-conditioning duct immediately above each life raft. Each temperature tab has four (4) indicator windows with labeled values of 150°F, 160°F, 170°F, and 180°F. The windows are normally silver gray in color and turn black when exposed to temperatures greater than the indicated values. Whenever the sidewall temperature tab indicates 160°F or above, or if the tab is missing, the applicable life raft must be lowered so that the ceiling temperature tab can be checked. If the ceiling temperature tab indicates 160°F, the life raft is removed and checked for damage. New temperature tabs are installed as required, and an approved life raft is installed in the ceiling compartment.

WJE 405, 406, 409, 410, 881, 883, 884

- (11) Life Raft Temperature Tabs - Life raft temperature tabs are provided for checking possible heat damage to life rafts stowed in the centerline ceiling compartments. A temperature tab (marked Temp-Plate), one for each side of the passenger cabin, is installed on the sidewall (at the air-conditioning dropper duct) just below the overhead stowage compartment, and aligned with the approximate center of the installed life raft compartments. Temperature tabs are also installed on the air-conditioning duct immediately above each life raft. Each temperature tab has four (4) indicator windows with labeled values of 150°F, 160°F, 170°F, and 180°F. The windows are normally silver gray in color and turn black when exposed to temperatures greater than the indicated values. Whenever the sidewall temperature tab indicates 160°F or above, or if the tab is missing, the applicable life raft must be lowered so that the ceiling temperature tab can be checked. If the ceiling temperature tab indicates 160°F, the life raft is removed and checked for damage. New temperature tabs are installed as required, and an approved life raft is installed in the ceiling compartment.

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WJE 405-411, 880, 881, 883, 884

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WJE 407, 408, 411, 880

- (12) Life Vests - A life vest is stowed under each passenger seat and adjacent to each crew member seat. Two life vests are stowed adjacent to each of the forward and aft attendant seats. A life vest is stowed in a pouch on the aisle side of the G4 galley unit for the attached folding attendant seat.

WJE 405, 406, 409, 881, 883, 884

- (13) Life Vests - A life vest is stowed under each passenger seat and adjacent to each crew member seat. Two life vests are stowed adjacent to each of the forward and aft attendant seats. A life vest is stowed in a pouch adjacent to the folding attendant seat at the aft service door.

WJE 407, 408, 411, 880

- (14) Other Emergency Equipment - Other emergency equipment includes a fire axe, stowed in the flight compartment behind the captain's seat; three first aid kits in the right over- head storage compartments, one forward and two aft; and provisions for two battery powered megaphones, one at each end of the cabin in the left overhead stowage compartments. A portable emergency light, with an ON-OFF switch, is stowed adjacent to the forward passenger entrance door. When installed in its holder, the battery for the light is connected to a charging system. Self-illuminated emergency exit signs, with instructions, are installed above the cabin emergency exit doors.

WJE 405, 406, 409, 881, 883, 884

- (15) Other Emergency Equipment - Other emergency equipment includes a fire axe, stowed in the flight compartment behind the captain's seat; two first aid kits in the right over-head storage compartments, one forward and one aft (on aircraft 105-106, 112, three first aid kits are stowed in the life raft centerline ceiling compartments, one in the forward compartment and two in the overwing compartment); and provisions for two battery powered megaphones, one at each end of the cabin in the left overhead stowage compartments. Self-illuminated emergency exit signs, with instructions, are installed above the cabin emergency exit doors. Five flashlights are installed adjacent to cabin attendant stations in the passenger compartment; two in a recess on the forward side of the forward left lavatory, two in a recess on the aisle side of the aft right lavatory, and one on the aisle side of the G4 galley unit just above the cabin attendant seat.

WJE 410

- (16) Other Emergency Equipment - Other emergency equipment includes a fire axe, stowed in the flight compartment behind the captain's seat; three first aid kits, one forward right and two aft right and two battery powered megaphones, one forward left and one aft left in the overhead stowage compartments. A portable emergency light, with an ON-OFF switch, is stowed adjacent to the forward passenger entrance door. When installed in its holder, the battery for the light is connected to a charging system. Self-illuminated emergency exit signs, with instructions, are installed above the cabin emergency exits. Provisions for a 30-man life raft (with survival kit and radio beacon locator) are provided in the left side overhead stowage compartment just forward of the emergency exits. Five flashlights are provided adjacent to cabin attendant seats in the passenger compartment; two in a recess on the forward side of the forward lavatory, one on the inboard side of the G4 galley unit, and two in a recess just aft of the aft right lavatory.

WJE 405-411, 880, 881, 883, 884

EFFECTIVITY
WJE 405-411, 880, 881, 883, 884

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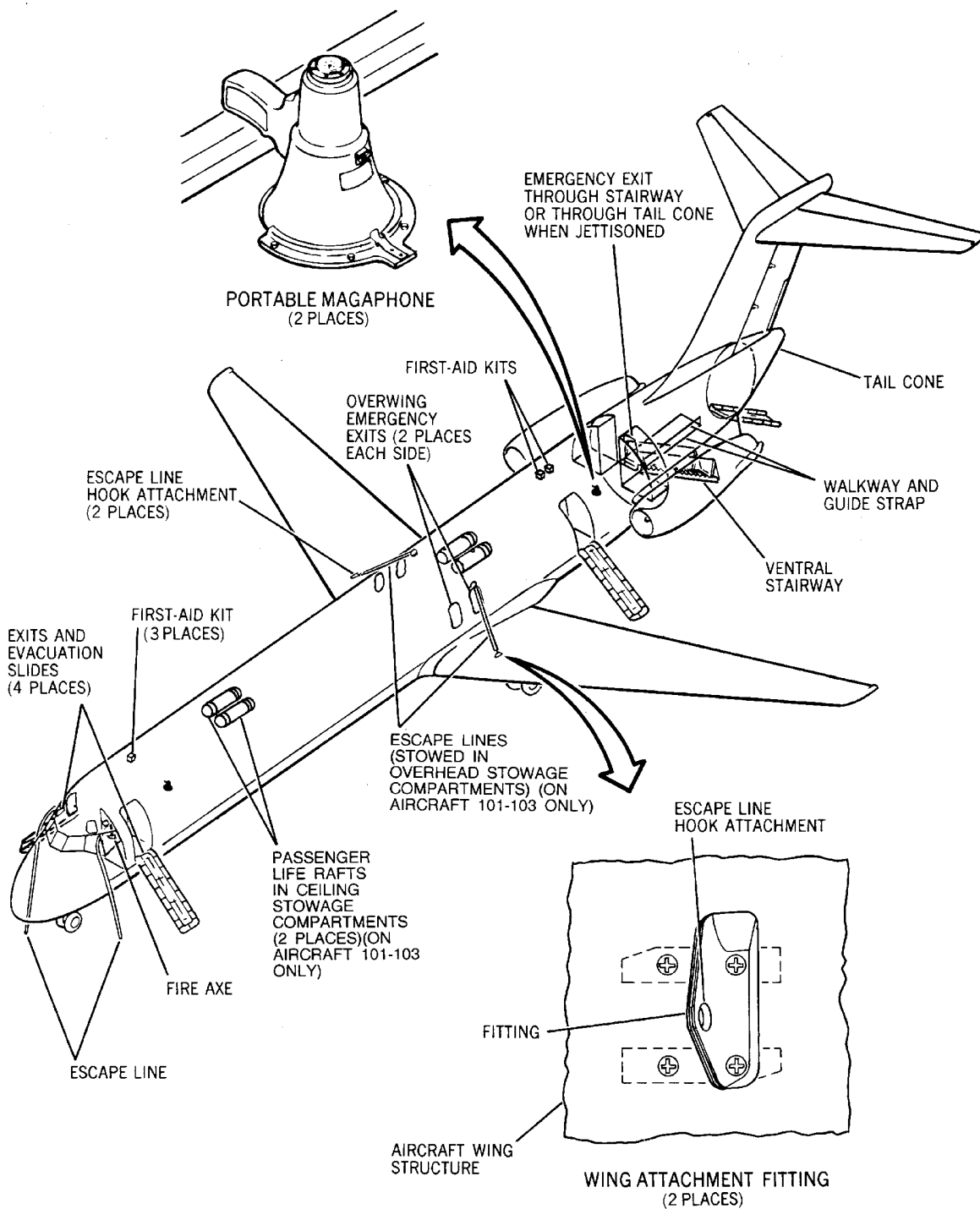
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BBB2-25-515

**Emergency Equipment Locations
Figure 1/25-60-00-990-826**

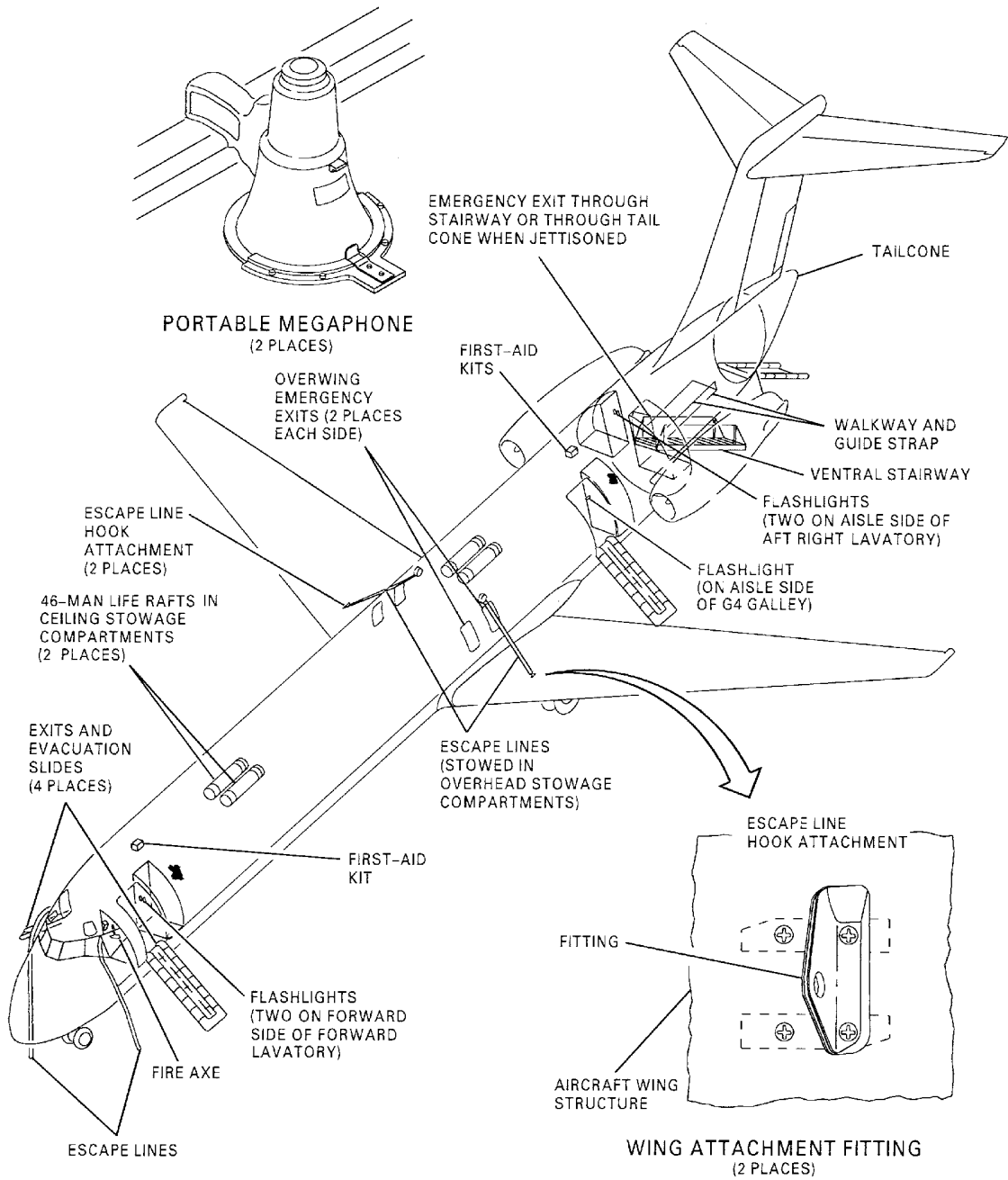
EFFECTIVITY
WJE 407, 408, 411, 880

TP-80MM-WJE

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CAG(IGDS)

BBB2-25-454 A

**Emergency Equipment Locations
Figure 2/25-60-00-990-828**

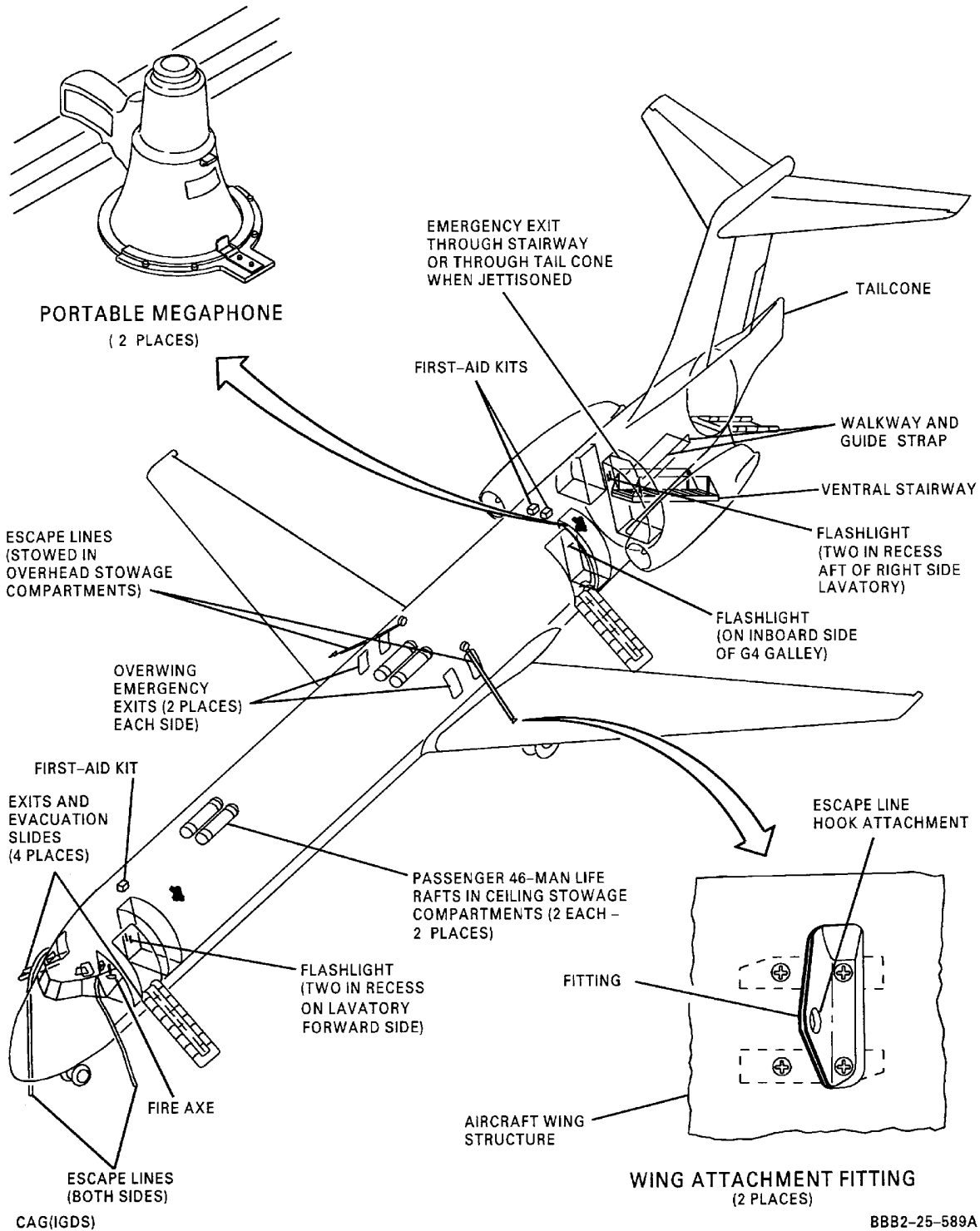
EFFECTIVITY
WJE 405, 406, 409, 881, 883, 884

TP-80MM-WJE

25-60-00

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BBB2-25-589A

**Emergency Equipment Locations
Figure 3/25-60-00-990-829**

EFFECTIVITY
WJE 410

TP-80MM-WJE

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EMERGENCY - DESCRIPTION AND OPERATION

1. General

WJE 886, 887

- A. This section describes the emergency evacuation provisions for the aircraft, including evacuation slides, escape lines, life rafts, and other associated emergency equipment.

(Figure 1)

WJE 412, 414

- B. This section describes the emergency evacuation provisions for the aircraft, including evacuation slides, escape lines, and other associated emergency equipment.

(Figure 2)

WJE 412, 414, 886, 887

2. Emergency

A. Description

- (1) Emergency Evacuation - Emergency evacuation from the passenger compartment can be made through the forward passenger entrance door, the forward and aft galley service doors, through the centrally located overwing emergency exits, and through the aft accessory compartment when the tailcone has been jettisoned. The clearview windows in the flight compartment provide an alternate route of egress for the crew.
- (2) Evacuation Slides - The inflatable evacuation slides, stowed in containers, are provided at the passenger entrance door and at the forward and aft galley service doors. The door slides inflate automatically when an armed door is opened. The slides incorporate a manual pull handle as a backup for slide inflation. An inflatable evacuation slide is also installed on the walkway in the aft accessory compartment for use when the tailcone is jettisoned. The aft slide inflates automatically when the tailcone is jettisoned. A strap on the left side of the accessory compartment walkway is provided as a guide to the aft slide. A platform and an assist handle are installed on the right side of the aft accessory compartment, just forward of the jettisonable tailcone, so that a cabin attendant can assist passengers through the tailcone emergency exit. A cross-aisle barrier strap, on the forward side of the aft lavatories, is provided to retain passengers while the attendants make preparations for a tailcone emergency exit.

WJE 412, 414

- WJE (3) Escape Lines - An escape line is installed above each clearview window in the flight
WJE compartment.

WJE 886, 887

- (4) Escape Lines - An escape line is installed above each clearview window in the flight compartment and above each of the two aft overwing emergency exits in the passenger compartment. Attachment fittings are provided on each wing for securing the passenger escape lines.

WJE 412, 414

- WJE (5) Life Rafts - Two double compartments for the stowage of four 46-man life rafts are provided in
WJE the passenger cabin ceiling; one in the forward area just above and aft of the class divider
WJE partition, and one in the overwing area just above the overwing exits.

EFFECTIVITY
WJE 412, 414, 886, 887

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WJE 886, 887

- (6) Life Rafts - Compartments for the stowage of four 46-man life rafts are provided in the sidewall overhead stowage compartments, in the passenger cabin. The four life rafts are installed on each side of the cabin, two just above the class divider partition, and two just aft of the overwing exits. A survival kit and radio beacon are included in each life raft stowed in the aircraft.

WJE 412, 414

- WJE (7) Life Vests - There are two life vests in the pilot's seat pouch, one in the F/O pouch, nine in the
WJE FWD LH closet, one at G3, six in the last LH overhead bin, one in the LH AFT Lavatory net and
WJE one in the RH AFT Lavatory net. The passenger seat cushion is used as a personal flotation
WJE device.

WJE 886, 887

- (8) Life Vests - A life vest is stowed under each passenger seat and adjacent to each crew member and cabin attendant seat. An additional two life vests are stowed under the forward and aft attendant seats.
- (9) Other Emergency Equipment - Other emergency equipment includes a fire axe, stowed in the flight compartment behind the captain's seat; three first aid kits, one stowed in the forward left coatroom and two stowed aft in the right overhead storage compartment; and provisions for two battery powered megaphones, one in the forward left coatroom and one in the left overhead stowage compartment just forward of the aft galley service door windscreen. A portable emergency light, with an ON-OFF switch, is stowed adjacent to the forward passenger entrance door. When installed in its holder, the battery for the light is connected to a charging system. Self-illuminated emergency exit signs, with instructions, are installed above the cabin emergency exit doors. Five flashlights are installed adjacent to cabin attendant seats in the passenger compartment; two outboard of the forward cabin attendant's seat, one on the aft side of the windscreen at the aft galley service door, and two in a recess just aft of the aft right lavatory.

WJE 412, 414

- WJE (10) Other Emergency Equipment - Other emergency equipment includes a fire axe, stowed in the
WJE flight compartment behind the captain's seat; two first aid kits, one forward in the left coatroom,
WJE and one aft on the partition before the left hand aft lavatory; and two battery powered
WJE megaphones, one forward in left coatroom and one aft left in the overhead stowage
WJE compartment. A portable emergency light, with an ON-OFF switch, is stowed adjacent to the
WJE forward passenger entrance door. When installed in its holder, the battery for the light is
WJE connected to a charging system. Self-illuminated emergency exit signs, with instructions, are
WJE installed above the cabin emergency exits. Six flashlights are provided adjacent to cabin
WJE attendant seats in the passenger compartment; two on the forward outboard side of the
WJE forward cabin attendant seat, one on the aft side of the windscreen just forward of the aft
WJE galley service door, one on the aft side of the G3 galley unit just forward of the aft left lavatory,
WJE and two on a panel just aft of the aft right lavatory.

WJE 886, 887

- (11) Door Barrier Strap - A door barrier strap is provided as a safety precaution for an open aft galley service door when a stairway or ramp is not in place. When used, the strap is secured across the doorway to anchor plates mounted on the doorjamb. The strap incorporates a 10 x 10 inch (254 x 254 mm) red flag that is centered in the doorway. When not in use, the strap is stowed in a plastic container installed in the overhead stowage compartment adjacent to the aft galley service door.

EFFECTIVITY
WJE 412, 414, 886, 887

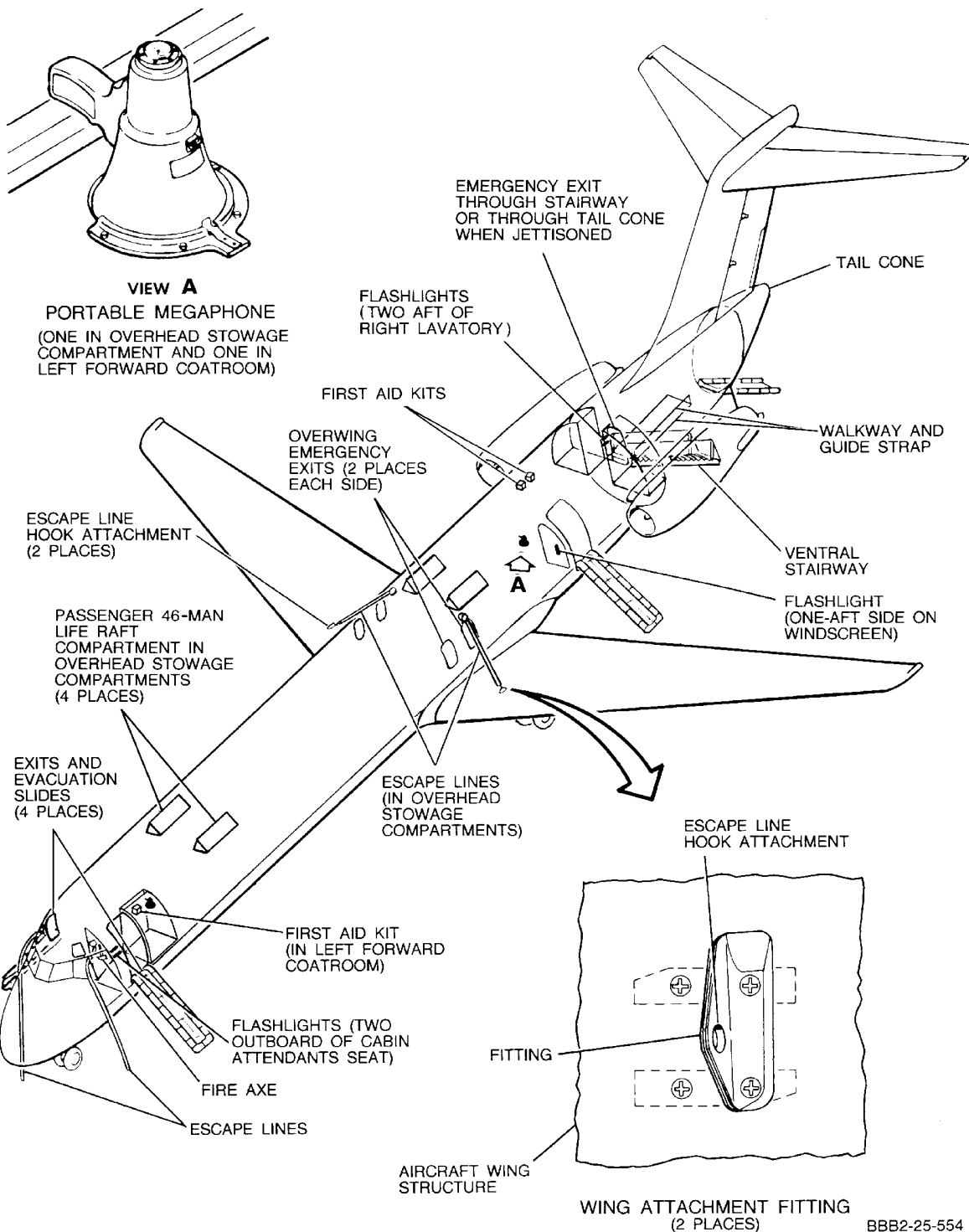
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WJE 412, 414, 886, 887



**Emergency Equipment Locations
Figure 1/25-60-00-990-900**

EFFECTIVITY
WJE 886, 887

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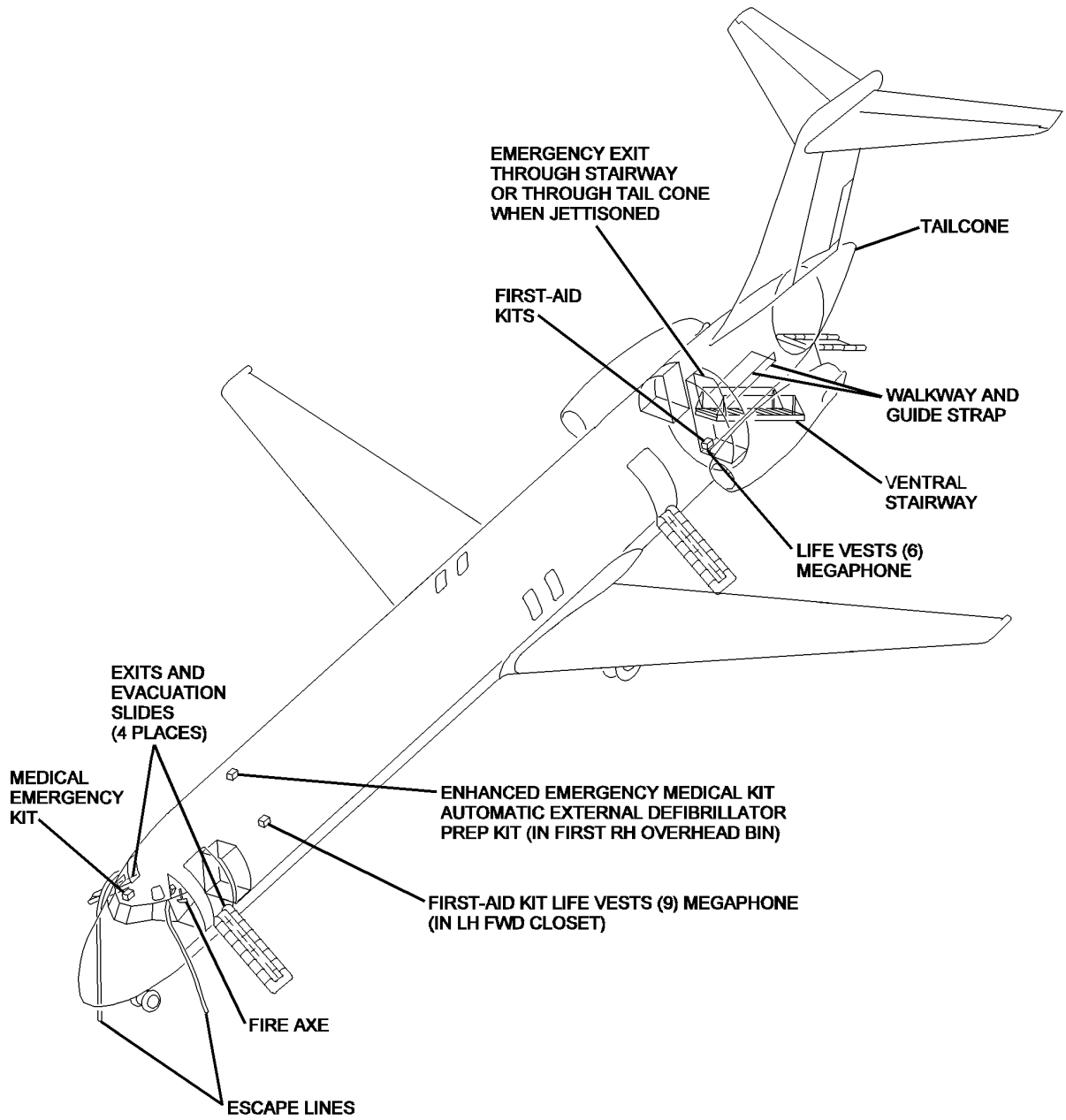
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Emergency Equipment Locations
Figure 2/25-60-00-990-899

EFFECTIVITY
WJE 412, 414

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EMERGENCY - MAINTENANCE PRACTICES

1. General

A. This section provides instructions to check the flight compartment emergency equipment.

2. Check Flight Compartment Emergency Equipment

A. Check Personal Breathing Equipment

- (1) Check bottle pressure is 1800 psi \pm 50 psi.
- (2) Check mask storage bag for damage, security, condition and expiration date.

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

B. Check Portable Oxygen Bottle

- (1) Check bottle pressure is 1800 psi \pm 50 psi.
- (2) Check bottle and mask assembly for condition and security.

WJE ALL

C. Check Fire Extinguishers for Proper Pressure

D. Check Emergency Flashlights

- (1) Check operation per manufacturer's recommendations.

EFFECTIVITY
WJE ALL

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EMERGENCY FLASHLIGHT LIGHT - REMOVAL/INSTALLATION

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-60-00-901-801

2. Discard the Flashlight Batteries

NOTE: This procedure is a scheduled maintenance task.

A. References

Reference	Title
25-60-00-710-801	Operational Check of the Emergency Flashlight (P/B 501)

B. Prepare for the Flashlight Batteries Discard

SUBTASK 25-60-00-020-002

(1) Remove the flashlight from where it is installed.

NOTE: Depending on the individual operator's cabin emergency equipment installation, flashlights are installed on cockpit bulkhead, lavatory wall, partition, galley, etc.

C. Flashlight Batteries Discard

SUBTASK 25-60-00-901-001

(1) Remove and discard old batteries.

SUBTASK 25-60-00-960-001

(2) Install new batteries.

SUBTASK 25-60-00-710-003

(3) Operational check flashlight. (Operational Check of the Emergency Flashlight, TASK 25-60-00-710-801)

D. Job Close-up

SUBTASK 25-60-00-420-002

(1) Install flashlight where it was removed from.

SUBTASK 25-60-00-942-002

(2) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

<p>EFFECTIVITY WJE ALL</p>	
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EMERGENCY FLASHLIGHT - ADJUSTMENT/TEST

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-60-00-710-801

2. Operational Check of the Emergency Flashlight

A. Emergency Flashlight Operational Check

SUBTASK 25-60-00-020-001

(1) Remove the flashlight from its bracket.

SUBTASK 25-60-00-710-001

(2) Check that the flashlight is easy to remove and that light is ON when removed.

SUBTASK 25-60-00-420-001

(3) Install the flashlight.

SUBTASK 25-60-00-710-002

(4) Check that the flashlight is OFF when installed in the bracket by pushing the top of the bracket up, away from the head of the flashlight while grasping the handle of the flashlight. If the unit is ON, light will be visible between the flashlight head and the bracket.

B. Job Close-up

SUBTASK 25-60-00-942-001

(1) Remove all the tools and equipment from the work area. Make sure the area is clean.

———— **END OF TASK** ————

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AUTOMATIC EXTERNAL DEFIBRILLATOR (AED) - MAINTENANCE PRACTICES

WJE

1. General

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- A. This procedure has the Maintenance Practices for the Automatic External Defibrillator (AED) installed in the passenger compartment.
- B. The maintenance practices include the instructions for removal and installation, the minimum requirements for restoration of the AED immediately after use, cleaning and shop restoration of the AED.
- C. The AED is mounted in a locked bracket in a forward RH overhead bin.

2. Equipment and Material

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NOTE: Equivalent substitutes may be used instead of the following listed items:

NOTE: It is possible that some materials in the Equipment and Materials List cannot be used for some or all of their necessary applications. Before you use the materials make sure the types, quantities, and applications of the materials necessary are legally permitted in your location. All persons must obey all applicable federal, state, local, and provincial laws and regulations when it is necessary to work with these materials.

Name and Number	Manufacturer
Liquid or spray cleaner (DPM 3673-1)	
Liquid detergent (DPM 3673)	
Sodium hypochlorite 5% bleach solution (DPM 2608)	
Solvent, isopropyl alcohol (DPM 530) (TT-I-735, Grade A)	
Solution - hydrogen peroxide - 3%	
Cloth, low lint (MIL-C-24671)	

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3. AED Removal/Installation

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- A. AED Removal
 - (1) Open forward RH overhead bin to gain access to AED.
 - (2) Unlock and remove the AED from the mount bracket (enclosure).
 - (3) Remove the AED prep kit from the enclosure.
 - (4) If necessary, remove the used PC Data Card envelope from the AED which contains the used PC Data Card and send it by way of FedEx, immediately to the address that follows:
 MedAire Inc.
 ATTN: Advisory Nurses
 80 East Rio Salado Parkway
 Tempe AZ 85281
- NOTE: If a PC Data Card has been used, it will be inside of a pre-labeled envelope with the information filled in.

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- WJE B. AED Installation
- WJE (1) Get a new AED.
- WJE (2) Make sure the following items are put inside the zippered case:
- WJE • Three defibrillator pads
 - WJE • One spare battery
 - WJE • One spare PC Data Card
 - WJE • Two pre-labeled business envelopes.
- WJE (a) The envelopes must be pre-labeled as follows:

WJE PASSENGER NAME _____

WJE FLIGHT ATTENDANT NAME _____

WJE DATE _____

WJE ROUTING _____

WJE FLIGHT NO. _____

NOTE: Pre-labeled information can be neatly hand printed or made on a computer printer.

- WJE (3) Put the AED in the mount bracket (enclosure) and lock enclosure.
- WJE (4) Get a new AED Prep Kit and lock the AED mount bracket (enclosure).
- WJE (5) Close forward RH overhead bin.

WJE **4. AED Restoration Immediately After Use**

WJE A. Restore AED After Use

WJE NOTE: This is the minimum requirements for return to service of AED.

- WJE (1) Open forward RH overhead bin to gain access to AED.
- WJE (2) Unlock and remove AED from mount bracket (enclosure).
- WJE (3) Remove used PC Data Card as follows:

CAUTION: THE AUTOMATIC EXTERNAL DEFIBRILLATOR (AED) MUST BE OFF (STANDBY MODE) BEFORE YOU REMOVE THE PC DATA CARD. THIS WILL HELP PREVENT THE LOSS OF INCIDENT DATA.

- WJE (a) Push ON/OFF button to turn off AED. Never replace PC Data Card unless AED is off.
 - WJE (b) Hold the PC Data Card by handle and pull it out of port.
 - WJE (c) Remove PC Data Card from tray.
 - WJE (d) Remove pre-labeled envelope that flight attendant recorded PASSENGER NAME, FLIGHT ATTENDANT NAME, DATE, ROUTING and FLIGHT NUMBER on, from AED zippered case.
 - WJE (e) Put used PC Data Card in envelope and send it by way of FedEx, immediately to address that follows:
 - WJE MedAire Inc.
 - WJE ATTN: Advisory Nurses
 - WJE 80 East Rio Salado Parkway
 - WJE Tempe AZ 85281
- WJE (4) Install spare PC Data Card as follows:

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- WJE (a) Make sure AED is off.
- WJE (b) Make sure PC Data Card is clean and dry.
- WJE (c) Load PC Data Card into data card tray so tray tongue fits over yellow area on PC Data Card.
- WJE 1) The label on PC Data Card must be face up.
- WJE NOTE: The label has an arrow that shows which side to insert into the data card port.
- WJE (d) Hold loaded card tray by handle and gently insert it into data card port.
- WJE 1) Push tray all the way into port until only tab remains outside of AED case. Do not apply too much force to card tray. If tray is difficult to insert, remove it and make sure that arrow label is face up and points toward data card port.
- WJE (5) Check operation of AED as follows:
- WJE (a) Check status indicator.
- WJE 1) If you see a flashing black hourglass, AED is ready for use.
- WJE 2) If you see a LOW BATTERY or REPLACE BATTERY message or anything other than a flashing black hourglass, replace battery as follows:
- WJE a) Make sure that defibrillator pads are not connected to AED.
- WJE b) Unlatch battery compartment door and slide battery out of opening.
- WJE c) Insert new battery all the way into opening, until latch clicks into place, and run a new self-test.
- WJE (6) Perform visual inspection of AED as follows:
- WJE (a) Make sure defibrillator pads are not connected to AED.
- WJE (b) Check supplies, accessories and spares for damage and expiration dates. Replace damaged or expired accessories.
- WJE (c) Check outside of AED and connector socket for cracks or signs of damage. If damage or cracks are present, replace AED.
- WJE (d) Check outside of AED and connector socket for dirt and contamination. If AED is dirty or contaminated, clean AED. (Paragraph 5.A.)
- WJE (e) Make sure PC Data Card and data card tray are installed.
- WJE (f) Make sure AED contains one pair of unused defibrillator pads.
- WJE (g) Make sure AED Prep Kit contains trauma shears, a CPR microshield, antiseptic wipes, vinyl gloves and paper towels.
- WJE (7) If all of above steps are complete, install AED in forward RH overhead bin and lock AED mount bracket (enclosure). If above steps cannot be completed, replace AED and Prep Kit.
- WJE (8) Place AED on the MEL for complete shop restoration if parts are not available or replace at next maintenance base.

5. AED Cleaning

- WJE A. Clean AED

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WJE **WARNING:** LIQUID OR SPRAY CLEANER IS AN AGENT THAT IS AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN LIQUID OR SPRAY CLEANER IS USED.
WJE
WJE
WJE • DO NOT USE IN AREAS WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
WJE • USE IN AN AREA OPEN TO THE AIR.
WJE • CLOSE THE CONTAINER WHEN NOT USED.
WJE • DO NOT GET LIQUID OR SPRAY CLEANER IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
WJE • DO NOT BREATHE THE GAS.

WJE **WARNING:** LIQUID DETERGENT IS AN AGENT THAT IS AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN LIQUID DETERGENT IS USED.
WJE
WJE • DO NOT USE IN AREAS WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
WJE • USE IN AN AREA OPEN TO THE AIR.
WJE • CLOSE THE CONTAINER WHEN NOT USED.
WJE • DO NOT GET LIQUID DETERGENT IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
WJE • DO NOT BREATHE THE GAS.

WJE **WARNING:** ISOPROPYL ALCOHOL IS AN AGENT THAT IS FLAMMABLE, EXPLOSIVE, AND POISONOUS. MAKE SURE ALL PERSONS OBEY ALL OF THE PRECAUTIONS WHEN ISOPROPYL ALCOHOL IS USED.
WJE
WJE • GAS/AIR MIXTURES MORE THAN THE LOWER EXPLOSIVE LIMIT (LEL) CAN CAUSE AN EXPLOSION IF HIGH HEAT, SPARKS, OR FLAMES SUPPLY IGNITION.
WJE • USE IN AN AREA OPEN TO THE AIR.
WJE • CLOSE THE CONTAINER WHEN NOT USED.
WJE • DO NOT GET ISOPROPYL ALCOHOL IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
WJE • DO NOT BREATHE THE GAS.

WJE **WARNING:** HYDROGEN PEROXIDE SOLUTION (3%) IS AN AGENT THAT IS AN OXIDIZER AND LOW HAZARD. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN HYDROGEN PEROXIDE SOLUTION (3%) IS USED.
WJE
WJE • DO NOT USE IN AREAS WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
WJE • USE IN AN AREA OPEN TO THE AIR.
WJE • CLOSE THE CONTAINER WHEN NOT USED.
WJE • DO NOT GET HYDROGEN PEROXIDE SOLUTION (3%) IN THE EYES.

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WJE (WARNING PRECEDES)

WJE **WARNING:** SODIUM HYPOCHLORITE (BLEACH) IS AN AGENT THAT IS POISONOUS,
WJE CORROSIVE, AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE
WJE PRECAUTIONS WHEN SODIUM HYPOCHLORITE (BLEACH) IS USED.

- WJE • DO NOT USE IN AREA WHERE THERE IS HIGH HEAT, SPARKS, OR FLAMES.
- WJE • USE IN AN AREA OPEN TO THE AIR.
- WJE • CLOSE THE CONTAINER WHEN NOT USED.
- WJE • DO NOT GET SODIUM HYPOCHLORITE (BLEACH) IN THE EYES, ON THE SKIN,
WJE OR ON YOUR CLOTHES.
- WJE • DO NOT BREATHE THE GAS.
- WJE • DO NOT LET SODIUM HYPOCHLORITE (BLEACH) HAVE CONTACT WITH ACIDS
WJE AND AMMONIA.

WJE **WARNING:** REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIER'S MSDS FOR:
WJE • MORE PRECAUTIONARY DATA
WJE • APPROVED SAFETY EQUIPMENT
WJE • EMERGENCY MEDICAL AID.

WJE TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE
WJE PROCEDURES TO DISCARD THIS HAZARDOUS AGENT.

WJE **CAUTION:** DO NOT IMMERSE ANY PORTION OF THE AUTOMATIC EXTERNAL
WJE DEFIBRILLATOR (AED) IN WATER OR OTHER FLUIDS. DO NOT PERMIT FLUIDS
WJE TO ENTER THE AED. AVOID SPILLING ANY FLUIDS ON THE AED OR
WJE ACCESSORIES. SPILLING FLUIDS INTO THE AED CAN DAMAGE IT OR CREATE A
WJE FIRE OR SHOCK HAZARD. DO NOT STERILIZE THE AED OR ACCESSORIES.

WJE **CAUTION:** MAKE SURE THAT THE BATTERY AND A DATA CARD TRAY ARE INSTALLED WHEN
WJE YOU CLEAN THE AUTOMATIC EXTERNAL DEFIBRILLATOR (AED) TO KEEP
WJE FLUIDS OUT OF THE AED. THIS WILL HELP PREVENT DAMAGE TO THE AED.

WJE **CAUTION:** DO NOT USE ABRASIVE MATERIALS, CLEANERS OR STRONG SOLVENTS, SUCH
WJE AS ACETONE OR ACETONE BASED CLEANERS, OR ENZYMATIC CLEANERS ON
WJE THE AUTOMATIC EXTERNAL DEFIBRILLATOR (AED). THIS WILL HELP PREVENT
WJE DAMAGE TO THE AED.

- WJE (1) Clean the AED exterior surface and connector socket with a low lint cloth dampened with one
WJE of the cleaning materials that follow:
- WJE • Isopropyl alcohol solvent (70% solution)
 - WJE • Liquid Detergent
 - WJE • Sodium hypochlorite bleach, 5% solution (1:10 water)
 - WJE • Liquid or spray cleaner
 - WJE • 3% hydrogen peroxide.

WJE 6. AED SHOP RESTORATION

WJE A. Restore AED in Shop

- WJE (1) Remove used PC Data Card as follows:

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CAUTION: THE AUTOMATIC EXTERNAL DEFIBRILLATOR (AED) MUST BE OFF (STANDBY MODE) BEFORE YOU REMOVE THE PC DATA CARD. THIS WILL HELP PREVENT THE LOSS OF INCIDENT DATA.

- (a) Push ON/OFF button to turn off AED. Never replace PC Data Card unless AED is off.
- (b) Hold PC Data Card by handle and pull it out of port.
- (c) Remove PC Data Card from tray.
- (d) Remove pre-labeled envelope that flight attendant recorded PASSENGER NAME, FLIGHT ATTENDANT NAME, DATE, ROUTING and FLIGHT NUMBER on, from AED zippered case.
- (e) Put used PC Data Card in envelope and send it by way of FedEx, immediately to address that follows:

MedAire Inc.

ATTN: Advisory Nurses

80 East Rio Salado Parkway

Tempe AZ 85281

- (2) If not already installed, install spare PC Data Card as follows:

- (a) Make sure AED is off.
- (b) Make sure PC Data Card is clean and dry.
- (c) Load PC Data Card into data card tray so tray tongue fits over yellow area on PC Data Card.

- 1) The label on PC Data Card must be face up.

NOTE: The label has an arrow that shows which side to insert into the data card port.

- (d) Hold loaded card tray by handle and gently insert it into data card port.
 - 1) Push tray all the way into port until only tab remains outside of AED case. Do not apply too much force to card tray. If tray is difficult to insert, remove it and make sure arrow label is face up and points toward data card port.

- (3) Put a new spare PC Data Card in zippered case.

- (4) Check operation of the AED as follows:

- (a) Check status indicator.

- 1) If you see a flashing black hourglass, AED is ready for use.
- 2) If you see a LOW BATTERY or REPLACE BATTERY message or anything other than a flashing black hourglass, replace battery as follows:

- a) Make sure defibrillator pads are not connected to AED.
- b) Unlatch battery compartment door and slide battery out of opening.
- c) Insert new battery all the way into opening, until latch clicks into place, and run a new self-test.

- (5) Perform a visual inspection of AED as follows:

- (a) Make sure defibrillator pads are not connected to AED.
- (b) Check supplies, accessories and spares for damage and expiration dates. Replace damaged or expired accessories.

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- WJE (c) Check outside of AED and connector socket for cracks or signs of damage. If damage or
- WJE cracks are present, replace AED.
- WJE (d) Check outside of AED and connector socket for dirt and contamination. If AED is dirty or
- WJE contaminated, clean AED. (Paragraph 5.A.)
- WJE (e) Make sure PC Data Card and data card tray are installed.
- WJE (f) Make sure items that follow are put inside of zippered case:
- WJE • Three pairs of unused defibrillator pads
- WJE • One spare battery
- WJE • One spare PC Data Card
- WJE • Two pre-labeled business envelopes.
- WJE 1) The envelopes must be pre-labeled as follows:

WJE	PASSENGER NAME	_____
WJE	FLIGHT ATTENDANT NAME	_____
WJE	DATE	_____
WJE	ROUTING	_____
WJE	FLIGHT NO.	_____

NOTE: Pre-labeled information can be neatly hand printed or made on a computer printer.

- WJE (g) Make sure AED Prep Kit contains trauma shears, a CPR microshield, antiseptic wipes,
- WJE vinyl gloves and paper towels.
- WJE (6) If all of above steps are complete, AED can be returned to service or returned to stock as
- WJE serviceable.
- WJE B. For additional AED Maintenance Practices, refer to Vendor Component Maintenance Manual 25-
- WJE 60-00 Agilent Heartstream FR2 Semi-Automatic External Defibrillator for P/N M3860A.

EFFECTIVITY
WJE 412, 414

25-60-01

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MEDICAL KIT - REMOVAL/INSTALLATION

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-60-02-901-801

2. Discard Medical Kit Time Limited Supplies

A. Prepare for Medical Kit Time Limited Supplies Discard

SUBTASK 25-60-02-020-002

(1) Remove the medical kit.

B. Medical Kit Time Limited Supplies Discard

SUBTASK 25-60-02-510-001

(1) Send the medical kit to shop for replacement of expired life limited supplies.

C. Job Close-up

SUBTASK 25-60-02-420-002

(1) Install serviceable medical kit.

SUBTASK 25-60-02-942-002

(2) Remove all the tools and equipment from the work area. Make sure the area is clean.

———— **END OF TASK** ————

EFFECTIVITY
WJE ALL

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AIRCRAFT MAINTENANCE MANUAL**

FIRST AID AND MEDICAL KITS - INSPECTION/CHECK

1. General

- A. This procedure contains MSG-3 task card data.

TASK 25-60-02-212-801

2. Visual Check of the First Aid Kits for Inspection Date and Seal

A. Prepare for First Aid Kits Inspection Date and Seal Visual Check

SUBTASK 25-60-02-020-001

- (1) Remove the first aid kit from the storage box, bracket or storage compartment.

B. First Aid Kits Inspection Date and Seal Visual Check

SUBTASK 25-60-02-212-001

- (1) Do a visual check of the first aid kit.
- (a) Check for inspection date.
 - (b) Check that seal is intact.
 - (c) Check for condition and security.

C. Job Close-up

SUBTASK 25-60-02-420-001

- (1) Install the first aid kit in the storage box, bracket or storage compartment.

SUBTASK 25-60-02-942-001

- (2) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

TASK 25-60-02-212-802

3. Visual Check of the Medical Kit for Inspection Date and Seal

A. Prepare for Medical Kit Inspection Date and Seal Visual Check

SUBTASK 25-60-02-020-003

- (1) Remove the medical kit from the storage box, bracket or storage compartment.

B. Medical Kit Inspection Date and Seal Visual Check

SUBTASK 25-60-02-212-002

- (1) Do a visual check of the medical kit.
- (a) Check for inspection date.
 - (b) Check that seal is intact.
 - (c) Check for condition and security.

C. Job Close-up

SUBTASK 25-60-02-420-003

- (1) Install the medical kit in the storage box, bracket or storage compartment.

SUBTASK 25-60-02-940-001

- (2) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

EFFECTIVITY
WJE ALL

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MD-80 AIRCRAFT MAINTENANCE MANUAL

EMERGENCY ESCAPE LINES - DESCRIPTION AND OPERATION

1. General

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- A. Emergency escape lines are provided for use by the passengers and flight crew when it is necessary to vacate the aircraft through windows in the flight compartment and overwing exits in the passenger compartment.

WJE 412, 414

- B. Emergency escape lines are provided for use by the flight crew when it is necessary to vacate the aircraft through windows in the flight compartment.

WJE ALL

2. Emergency Escape Lines

A. Description

- (1) Flight Compartment Escape Lines - A nylon emergency escape line is installed over each clearview window in the flight compartment. One end of each line is secured to the aircraft structure above each clearview window. For emergency exit from the flight compartment, open clearview window and extend free end of line through window opening. The nylon lines are coiled in containers when stowed.

WJE 401-406, 409, 410, 873-881, 883, 884, 886, 887, 892, 893

- (2) Passenger Compartment Escape Lines - A nylon emergency escape line is installed in the overhead stowage compartment above each aft overwing exit door in the passenger compartment. One end of each line is secured to the outboard side within the stowage compartment above the doors. For emergency exit from the passenger compartment, open applicable stowage compartment door, extend hook end of line through emergency exit door opening, and attach hook to fitting on wing adjacent to emergency exit. Each nylon line is manually coiled in its container when stowed.

EFFECTIVITY
WJE ALL

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EMERGENCY ESCAPE LINES - MAINTENANCE PRACTICES

1. General

WJE 401-411, 873-881, 883, 884, 886, 887, 892, 893

- A. The maintenance practices in this section provide removal/installation instructions for escape lines located above the flight compartment clearview windows and the tie-down lines at the passenger compartment aft overwing exit doors. Approved repairs for velcro seal attachment, securing passenger escape line hook, is provided in Paragraph 4..

WJE 412, 414

- WJE B. The maintenance practices in this section provide removal/installation instructions for escape lines located above the flight compartment clearview windows. (Figure 201)

WJE 407, 408, 411, 415-427, 429, 861-866, 868, 869, 871, 872, 880, 891

- C. The maintenance practices in this section provide removal/installation instructions for escape lines located above the flight compartment clearview windows. Provisions only are provided for two passenger escape lines above the overwing exits in the passenger compartment. (Figure 201)

WJE 401-411, 873-881, 883, 884, 886, 887, 892, 893

2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed items.

NOTE: Some materials in the Equipment and Materials list may not be permitted to be used in your location. Persons in each location must make sure they are permitted to use these materials. All persons must obey all applicable federal, state, local, and provincial regulations for their location.

Table 201

Name and Number	Manufacturer
Tape, masking, economy (Crystal Bay 200)	Minnesota Mining & Manufacturing Co.
Solvent, alcohol isopropyl (TT-I-735, Grade A)	
Paper, abrasive, silicon carbide (wet or dry Tri-M-ite paper)	Minnesota Mining & Manufacturing Co.
Wipers, cotton	A. Sobleman
Adhesive, vinyl (C-148)	Stabond Corp.

WJE ALL

3. Removal/Installation Emergency Escape Lines

- A. Remove Flight Compartment Emergency Escape Line (Figure 201)
 - (1) Remove escape line container cover located above clearview window in flight compartment.
 - (2) Remove wingnut from escape line retaining stud.
 - (3) Remove coiled line.
 - (4) Uncoil and check line for wear and deterioration.
- B. Install Flight Compartment Emergency Escape Line (Figure 201)
 - (1) Roll escape line into coil and install line in container above clearview window.
 - (2) Hold coil in position and install end fitting on retaining stud.
 - (3) Install and tighten wingnut on retaining stud.
 - (4) Install cover on escape line cover.

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WJE 401-411, 873-881, 883, 884, 886, 887, 892, 893

- C. Remove Aft Overwing Exit Escape Line (Figure 202)
- (1) Remove aft overwing exit door.
 - (2) Open applicable overhead stowage compartment door for access to escape line and container.
 - (3) Grasp escape line hook through opening in container and pull to unwind escape line from coiled position inside container.
 - (4) If required, extend escape line through overwing exit door and verify that escape line hook can be connected to fitting on aircraft wing; then, disconnect hook from fitting.
NOTE: Escape line fitting opposite aft overwing exit door does not have to be removed from aircraft wing.
 - (5) Remove screws (5 places) and remove escape line container from inside stowage compartment. Retain container for installation.
 - (6) Check condition of hook strap and velcro attachment inside stowage compartment.
NOTE: Hook strap and velcro attachment do not have to be removed from inside stowage compartment.
 - (7) Remove cotter pin and washer from pin-type bolt securing escape line loop to retainer inside stowage compartment. Retain cotter pin and washer for installation.
 - (8) Remove pin-type bolt from escape line loop and spacer. Retain bolt and spacer for installation.
- D. Install Aft Overwing Exit Escape Line (Figure 202)
- (1) Verify that aft overwing exit door is removed.
 - (2) Verify that applicable overhead stowage compartment door is open for access to escape line attachments.
 - (3) Coil escape line in container as shown in Figure 202. Make certain loop end extends through outboard side of container and hook is accessible at inboard side of container.
 - (4) Place cardboard sheet over open end of container to prevent escape line from unwinding; then, invert and place container in approximate installation position. Remove cardboard sheet as required.
 - (5) Secure hook end of escape line with strap and velcro attachment at inboard side of stowage compartment.
 - (6) Carefully align container attachment holes with screw holes in stowage compartment; then, secure container in place with screws (5 places).
 - (7) Verify that spacer is inserted in loop end of escape line, attach loop to retainer at outboard side of stowage compartment; then, secure loop to retainer with pin-type bolt, washer, and cotter pin.
 - (8) If required, check escape line operation and reset line in container as follows:
 - (a) Pull escape line hook to unwind escape line from coiled position.
 - (b) Extend escape line through overwing exit door and connect escape line hook to fitting on aircraft wing.
 - (c) Check that escape line has sufficient slack for easy attachment; then, disconnect escape line hook from fitting on aircraft wing.
 - (d) Remove screws (5 places) and remove escape line container from stowage compartment.
 - (e) With escape line secured to outboard retainer, coil escape line to fit container envelope inside stowage compartment.

EFFECTIVITY
WJE ALL

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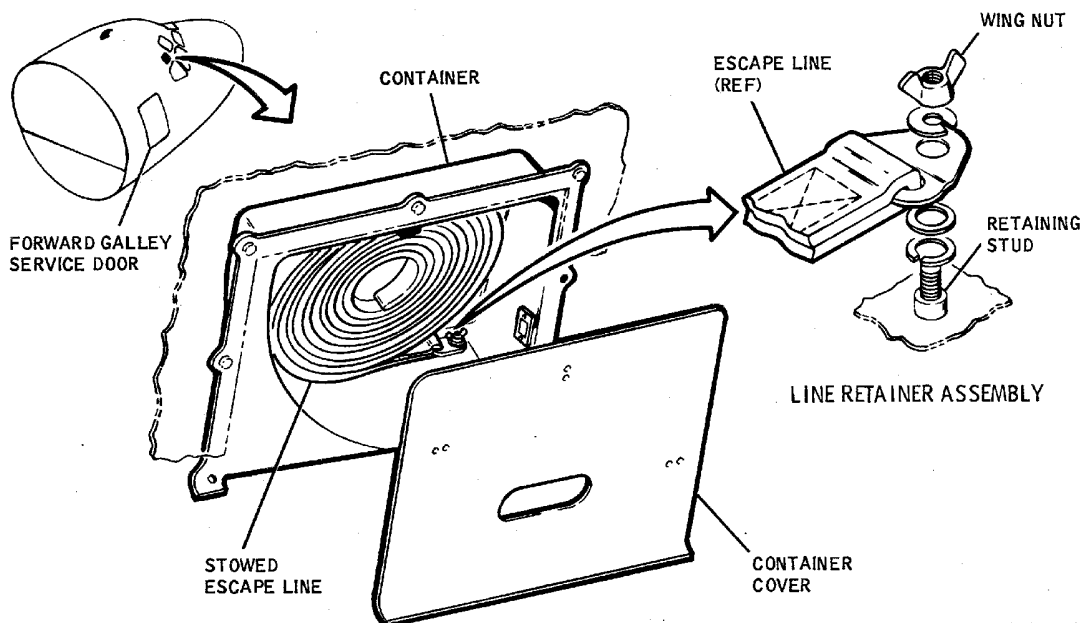
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WJE 401-411, 873-881, 883, 884, 886, 887, 892, 893 (Continued)

- (f) Secure hook end of escape line with strap and velcro attachment on inboard side of stowage compartment.
- (g) Carefully position container over coiled escape line and secure container in place with screws (5 places).
- (9) Close overhead stowage compartment door.
- (10) Install overwing exit door.

WJE ALL



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Flight Compartment Emergency Escape Lines -- Installation
Figure 201/25-61-00-990-801

EFFECTIVITY
WJE ALL

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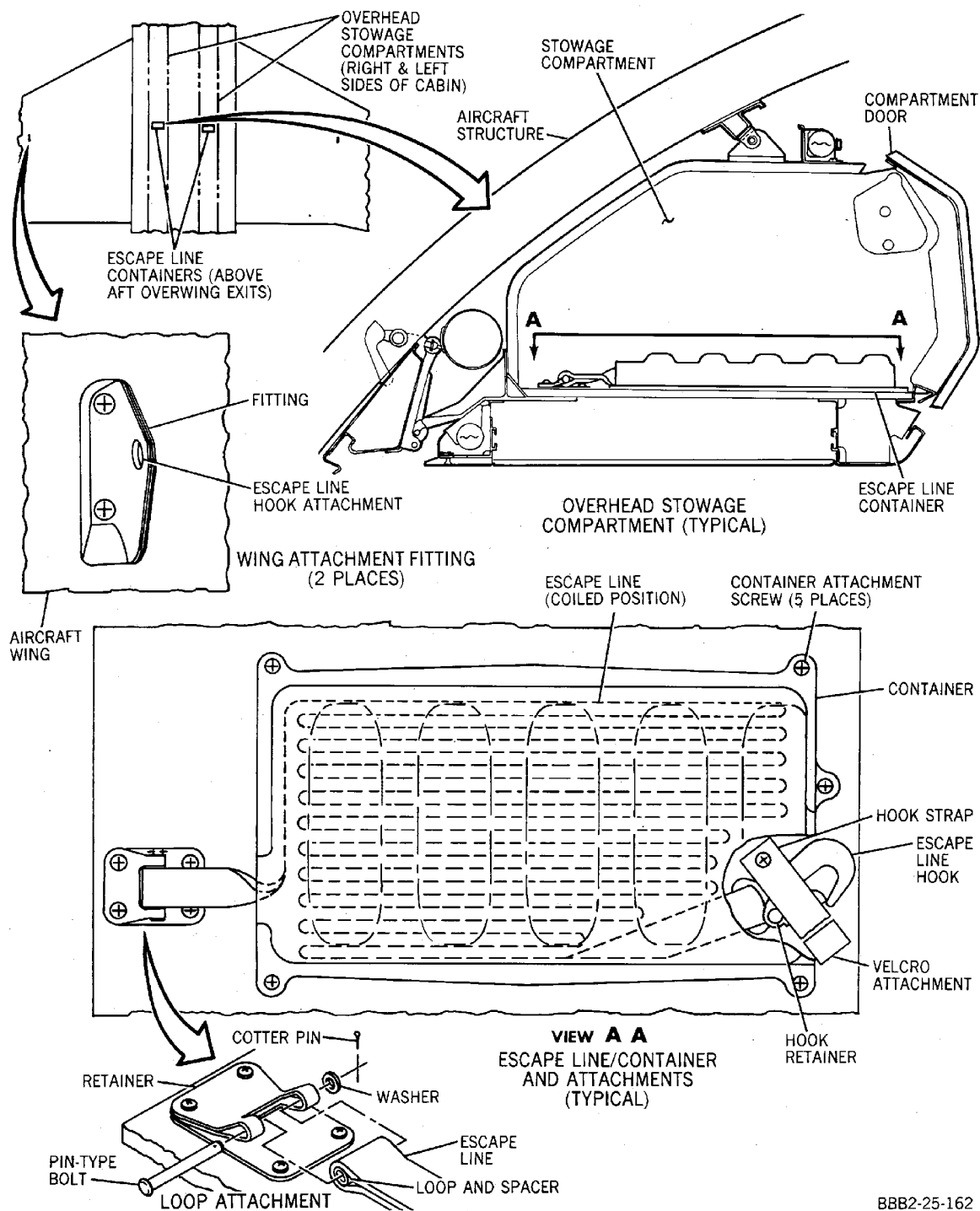
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**Aft Overwing Exit Escape Line -- Installation
Figure 202/25-61-00-990-803**

EFFECTIVITY
WJE 401-411, 873-881, 883, 884, 886, 887, 892, 893

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WJE 401-411, 873-881, 883, 884, 886, 887, 892, 893

4. Approved Repairs Velcro Seal Attachment

A. Repair Attachment

- (1) Remove velcro seal attachment (closure tape for escape line hook strap) from stowage compartment surface approximately one to two inches beyond each side of tape.
- (2) Size and cut new piece of closure tape to match removed section.
- (3) Prepare stowage compartment vinyl surface as follows:
 - (a) Using Crystal Bay masking tape, cover outer edges of faying surface on stowage compartment.
NOTE: Masking prevents run-over of adhesive residues and prevents marring outside of faying surface.
 - (b) Lightly sand faying surface with medium grit, silicon carbon, abrasive paper. Remove all evidence of surface gloss and previous cement residue.
 - (c) Clean faying surface by using clean cotton wiper dampened (but not saturated) with isopropyl alcohol solvent.
 - (d) Wipe with clean dry cotton wiper making sure solvent does not evaporate dry on faying surface.
NOTE: Wiping operations should be continued until there is no sign of contamination on stowage compartment vinyl faying surface.
- (4) Prepare closure tape surface as follows:
 - (a) Clean closure tape faying surface (on side opposite hooks or loops) by using clean cotton wiper dampened but not saturated with isopropyl alcohol solvent.
 - (b) Wipe with clean dry cotton wiper making sure solvent does not evaporate dry on closure tape faying surface.
- (5) Cement closure tape to stowage compartment vinyl surface as follows:
 - (a) Apply uniform brush coat of vinyl adhesive to both stowage compartment and closure tape faying surfaces; then, allow adhesive to air dry until tacky (approximately 10 minutes).
 - (b) Join faying surfaces with firm hand pressure. Apply enough pressure to assure complete contact between surfaces.
 - (c) Allow cemented surfaces to dry 24 hours without handling or applying load to closure tape.

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EMERGENCY ESCAPE LINES - INSPECTION/CHECK

1. General

- A. This procedure contains MSG-3 task card data.

WJE 401-411, 873-881, 883, 884, 886, 887, 892, 893

TASK 25-61-00-211-802

2. Detailed Inspection of the Overwing Emergency Escape Line

A. Prepare for Overwing Emergency Escape Line Detailed Inspection

SUBTASK 25-61-00-010-002

- (1) Remove the left and right overwing emergency exit doors.
- (2) Open overhead stowage compartment door for access to the overwing exit escape line and container.

B. Overwing Emergency Escape Line Detailed Inspection

SUBTASK 25-61-00-211-004

- (1) Do the left aft overwing emergency escape line detailed inspection.
 - (a) Grasp escape line hook through opening in container and pull to unwind escape line from coiled position inside container.
 - (b) Extend escape line through overwing exit door and make sure that escape line hook can be connected to fitting on aircraft wing; then, disconnect hook from fitting.
 - (c) Check line for wear and deterioration.
 - (d) Check condition of hook strap and velcro attachment inside stowage box.
- (2) Do the right aft overwing emergency escape line detailed inspection.
 - (a) Grasp escape line hook through opening in container and pull to unwind escape line from coiled position inside container.
 - (b) Extend escape line through overwing exit door and make sure that escape line hook can be connected to fitting on aircraft wing; then, disconnect hook from fitting.
 - (c) Check line for wear and deterioration.
 - (d) Check condition of hook strap and velcro attachment inside stowage box.

C. Job Close-up

SUBTASK 25-61-00-420-002

- (1) Install left aft overwing exit escape line.
 - (a) Remove screws (5 places) and remove escape line container from stowage compartment.
 - (b) With escape line secured to outboard retainer, coil escape line to fit container envelope inside stowage compartment.
 - (c) Secure hook end of escape line with strap and velcro attachment on inboard side of stowage compartment.
 - (d) Carefully position container over coiled escape line and secure container in place with screws (5 places).
- (2) Install right aft overwing exit escape line.
 - (a) Remove screws (5 places) and remove escape line container from stowage compartment.

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WJE 401-411, 873-881, 883, 884, 886, 887, 892, 893 (Continued)

- (b) With escape line secured to outboard retainer, coil escape line to fit container envelope inside stowage compartment.
 - (c) Secure hook end of escape line with strap and velcro attachment on inboard side of stowage compartment.
 - (d) Carefully position container over coiled escape line and secure container in place with screws (5 places).
- (3) Install overhead stowage compartment doors.

SUBTASK 25-61-00-410-003

- (4) Install the left and right overwing emergency exit doors.

SUBTASK 25-61-00-942-002

- (5) Remove all the tools and equipment from the work area. Make sure the area is clean.

WJE ALL

————— END OF TASK —————

TASK 25-61-00-211-801

3. Detailed Inspection of the Flight Deck Emergency Escape Line

A. Prepare for the Flight Deck Emergency Escape Line Detailed Inspection

SUBTASK 25-61-00-010-001

- (1) Open sliding window.
- (2) Remove emergency escape line container cover located above clearview window in flight compartment.

B. Flight Deck Emergency Escape Line Detailed Inspection

SUBTASK 25-61-00-211-001

- (1) Uncoil and check lines for wear and deterioration.
- (2) Unwind escape line through sliding window to outside.
- (3) Check security of attachment by pulling on the escape line from the ground.

C. Job Close-up

SUBTASK 25-61-00-410-001

- (1) Coil escape line and install in the container. Make sure wingnuts are tight on retaining stud.
- (2) Install cover on escape line cover.
- (3) Close flight deck windows.

SUBTASK 25-61-00-942-001

- (4) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— END OF TASK —————

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EVACUATION SLIDES - DESCRIPTION AND OPERATION

1. General

WJE 405-412, 414, 873, 874, 880, 881, 883, 884, 892, 893

- A. Evacuation slides are provided for the passengers at the forward entrance, forward galley service, and aft galley service doors in the passenger compartment; and at the aft end of the walkway in the aft accessory compartment. (Figure 1) (Figure 2)

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-879, 886, 887, 891

- B. Automatically inflated evacuation slides are provided for the passengers at the forward entrance, forward galley service, and aft galley service doors in the passenger compartment; and at the aft end of the walkway in the aft accessory compartment. (Figure 1) (Figure 2)

WJE ALL

2. Evacuation Slides

- A. Description

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-879, 886, 887, 891

- (1) Passenger Compartment Slides - Three door-mounted automatically inflatable evacuation slides are installed in the passenger compartment. One is installed on the passenger forward entrance door, one on the forward galley service door, and one on the aft galley service door. The slides contain battery operated lights that automatically illuminate when the slides are deployed. Quick-disconnect lanyards are also provided so that the slides can be separated from the aircraft and used as life rafts during ditching operations. (Figure 1)

WJE 405-411, 873, 874, 880, 881, 883, 884, 892, 893

- (2) Passenger Compartment Slides - Three door-mounted inflatable evacuation slides are installed in the passenger compartment. One is installed on the passenger forward entrance door, one on the forward galley service door, and one on the aft galley service door. The slides contain battery operated lights that automatically illuminate when the slides are deployed. Quick-disconnect lanyards are also provided so that the slides can be separated from the aircraft and used as life rafts during ditching operations. (Figure 1)

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-879, 886, 887, 891

- (3) Aft Accessory Compartment Slide - An automatically inflatable evacuation slide is installed in the aft accessory compartment at the aft end of the walkway. The slide forward straps (provided on the slide container) are attached to the walkway slide latches while the slide girt is locked in fittings at the aft end of the walkway by means of a girt bar. In addition, the aft end of the slide valise is secured to D-ring attachments on the walkway to facilitate slide deployment. A quick-disconnect girt is also provided so that an inflated slide can be separated from the aircraft. (Figure 2) (Figure 3)
- (4) The slide contains battery operated lights that automatically illuminate when the slide deploys.

WJE 405-412, 414, 873, 874, 880, 881, 883, 884, 892, 893

- (5) Aft Accessory Compartment Slide - An inflatable evacuation slide is installed in the aft accessory compartment at the aft end of the walkway. The slide forward straps are attached to the walkway slide latches while the girt is locked in fittings at the aft end of the walkway by means of a girt bar. The aft end of the slide valise is secured to D-ring attachments on the walkway to facilitate slide deployment. A quick-disconnect girt is also provided so that an inflated slide can be separated from the aircraft. The slide contains battery operated lights (optional) that automatically illuminate when the slide deploys. (Figure 2, Figure 3)

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WJE ALL

- (6) An emergency floodlight is provided overhead in the aft end of the walkway to illuminate the evacuation area at the lower end of a deployed slide. The light automatically illuminates when the cabin emergency lights come on.

3. Operation

WJE 405-409, 411, 873, 874, 880, 881, 883, 884, 892, 893

- A. Each door-mounted slide is folded and stowed inside its container with the girt extended outside of and hooked to the container. When rigged for use, the girt bar is locked in the floor-mounted latches. A release lanyard connects the girt bar to the container cover latch. Rigged in this manner, when the door is opened, the slide will deploy from the aircraft automatically. Inflation is achieved by pulling the inflation handle after the slide is deployed. (Figure 1)

WJE 401-404, 410, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-879, 886, 887, 891

- B. Each door-mounted slide is folded and stowed inside its container with the girt extended outside of and hooked to the container. When rigged for use, the girt bar is locked in the floor-mounted latches. A release lanyard connects the girt bar to the container cover latch. Rigged in this manner, when the door is opened, the slide will automatically deploy from the aircraft and automatically inflate. If the slide fails to inflate automatically when deployed, the slide red manual inflation handle should be pulled. (Figure 1)

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

- C. The aft slide is deployed and inflated automatically when the tailcone is jettisoned, if rigged as shown in Figure 2. If the slide fails to deploy when the tailcone is jettisoned, lift the slide manual deployment handle (strap) until slide rotates over center, then release handle. If the slide fails to inflate automatically when deployed, the red slide manual firing handle should be pulled.

WJE ALL

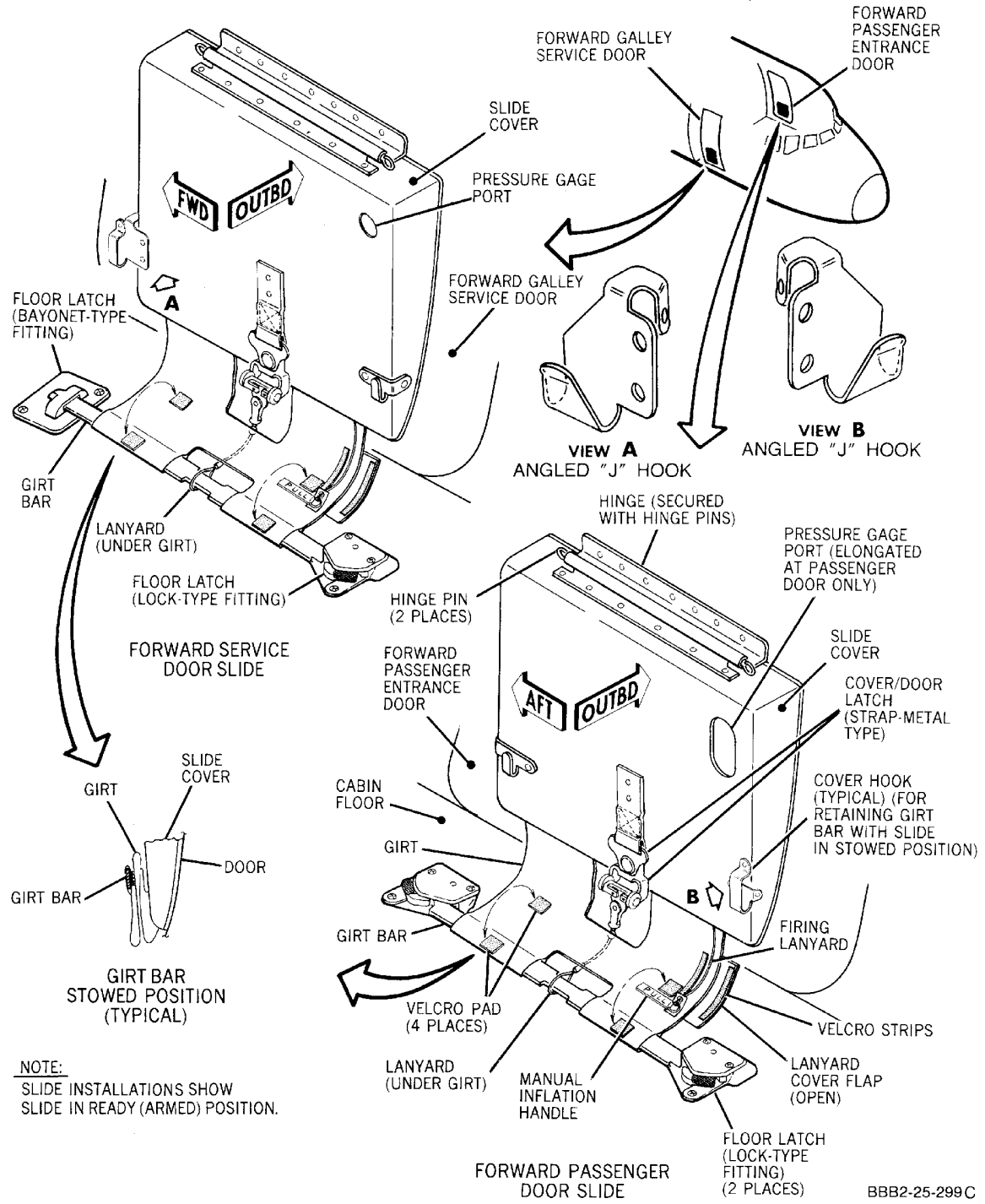
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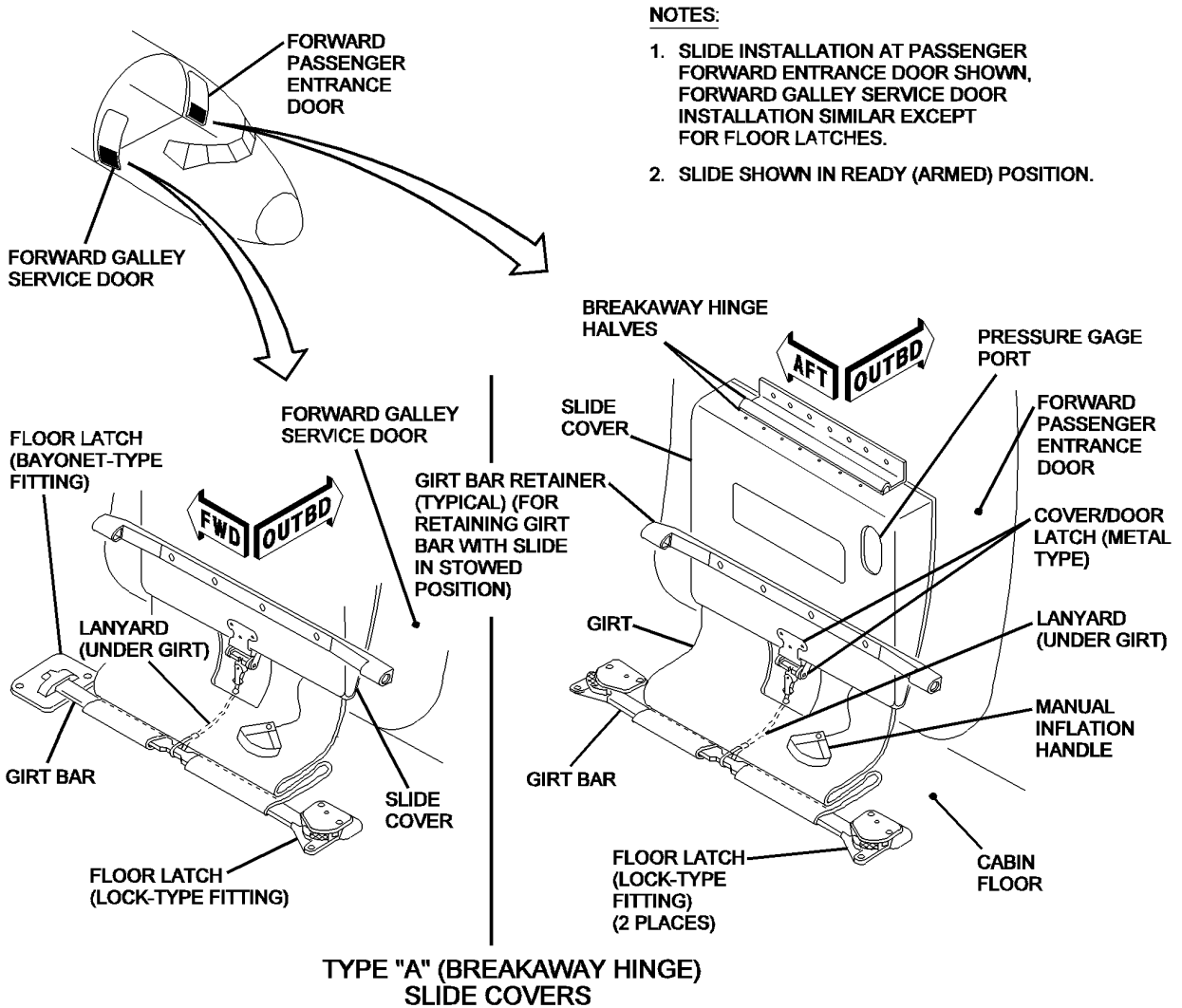
**Passenger Compartment Inflatable Evacuation Slides
Figure 1/25-62-00-990-801 (Sheet 1 of 8)**

EFFECTIVITY
WJE 401-404, 410, 412, 414-427, 429, 861-866, 868,
869, 871, 872, 875-879, 886, 887, 891

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NOTES:

1. SLIDE INSTALLATION AT PASSENGER FORWARD ENTRANCE DOOR SHOWN, FORWARD GALLEY SERVICE DOOR INSTALLATION SIMILAR EXCEPT FOR FLOOR LATCHES.
2. SLIDE SHOWN IN READY (ARMED) POSITION.

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Passenger Compartment Inflatable Evacuation Slides
Figure 1/25-62-00-990-801 (Sheet 2 of 8)

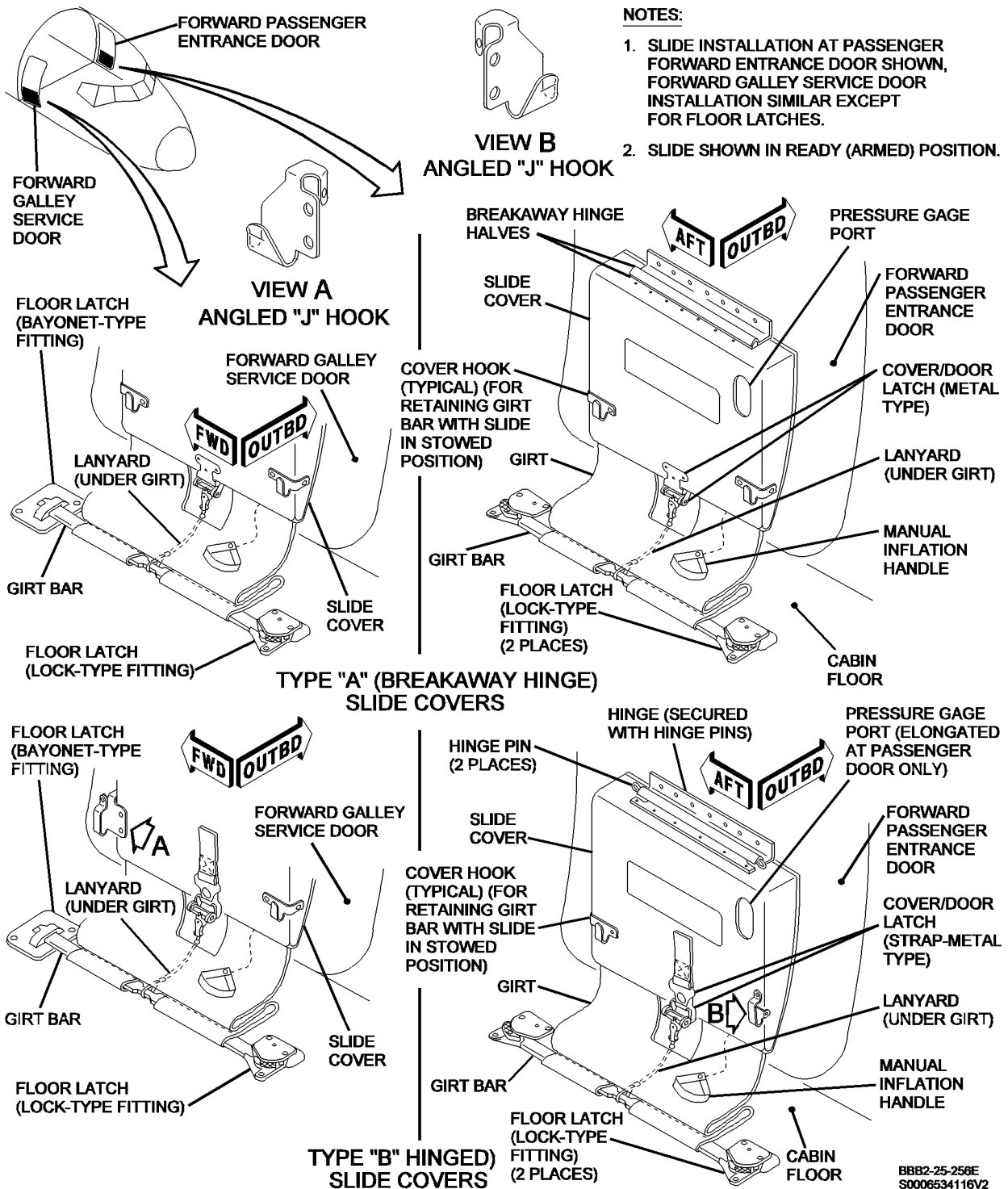
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WJE ALL; With S/B 25-341 incorp.

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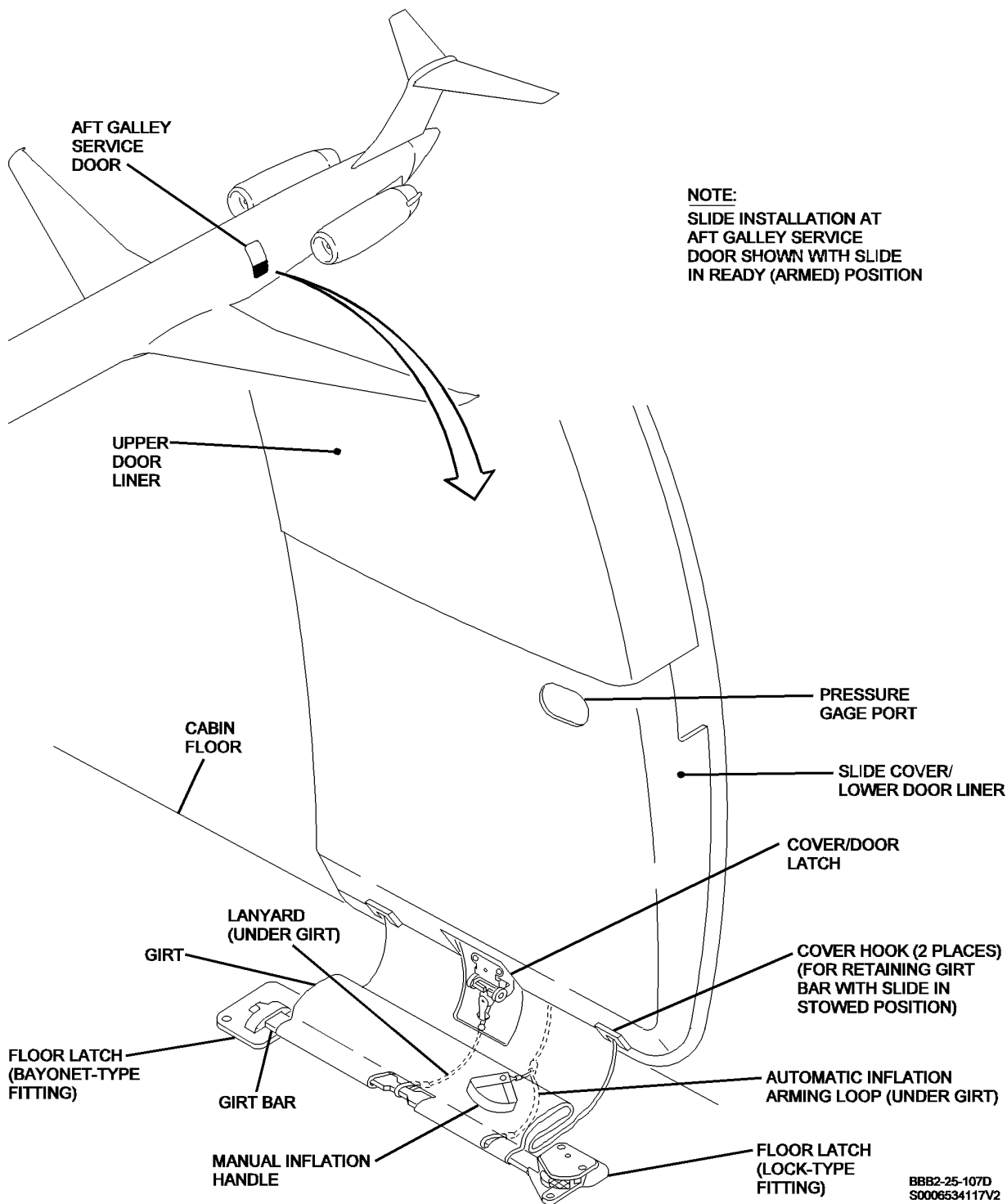
Passenger Compartment Inflatable Evacuation Slides
Figure 1/25-62-00-990-801 (Sheet 3 of 8)

EFFECTIVITY
WJE 405-409, 411, 873, 874, 880, 881, 883, 884, 892, 893

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Passenger Compartment Inflatable Evacuation Slides
Figure 1/25-62-00-990-801 (Sheet 4 of 8)

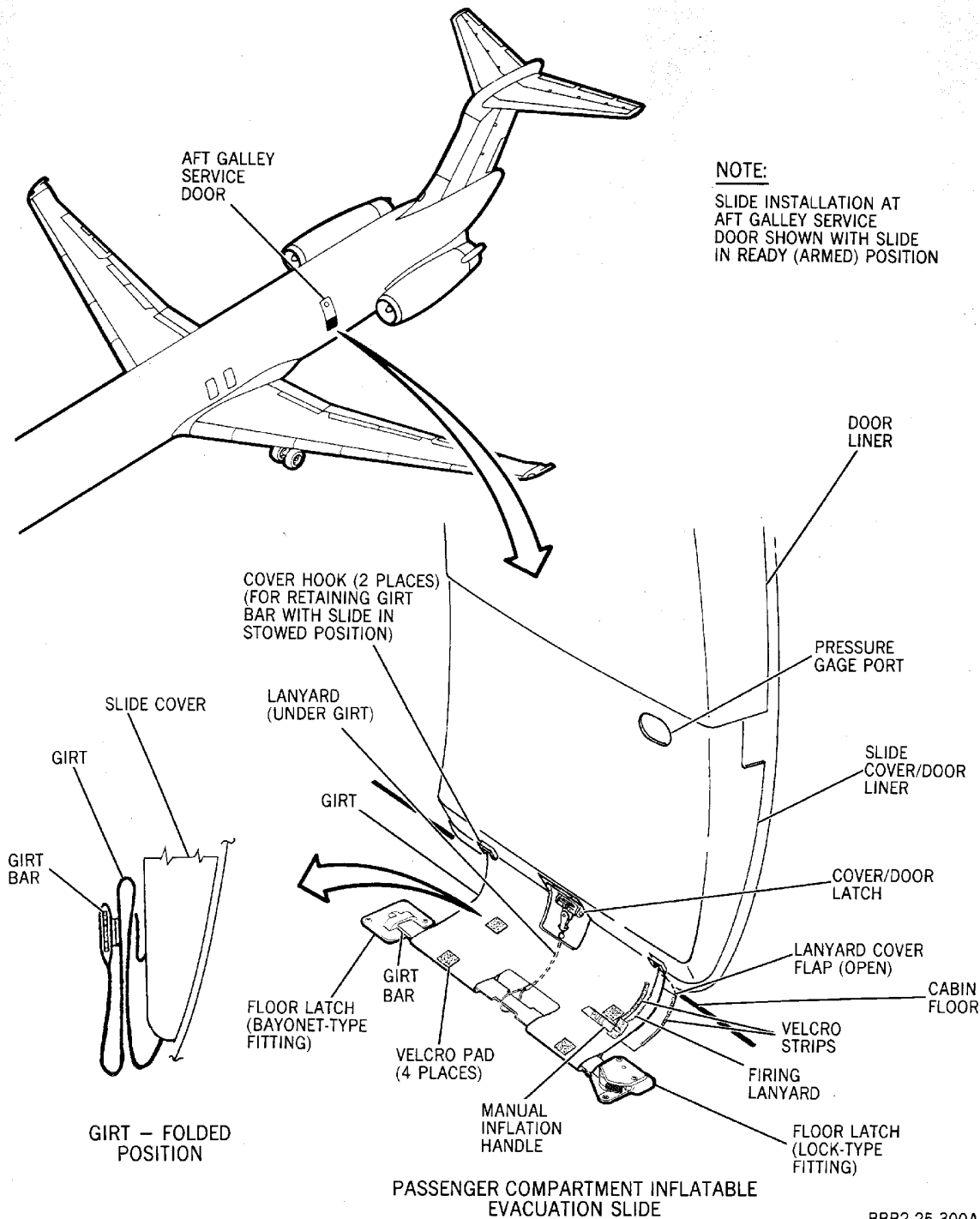
EFFECTIVITY
WJE 405, 406, 409, 873, 874, 881, 883, 884, 892, 893

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**Passenger Compartment Inflatable Evacuation Slides
Figure 1/25-62-00-990-801 (Sheet 5 of 8)**

EFFECTIVITY
WJE 875-879

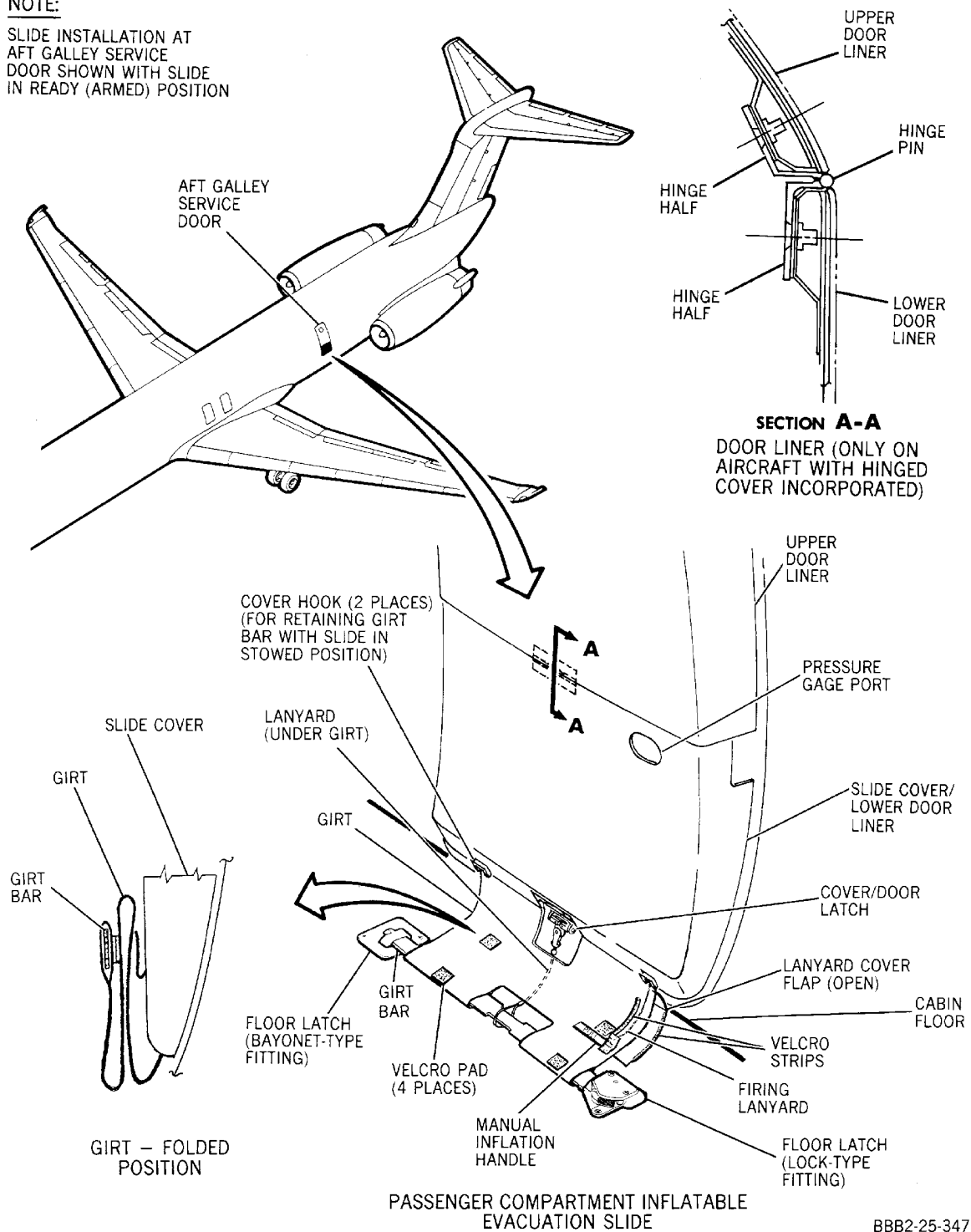
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NOTE:

SLIDE INSTALLATION AT
AFT GALLEY SERVICE
DOOR SHOWN WITH SLIDE
IN READY (ARMED) POSITION



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**Passenger Compartment Inflatable Evacuation Slides
Figure 1/25-62-00-990-801 (Sheet 6 of 8)**

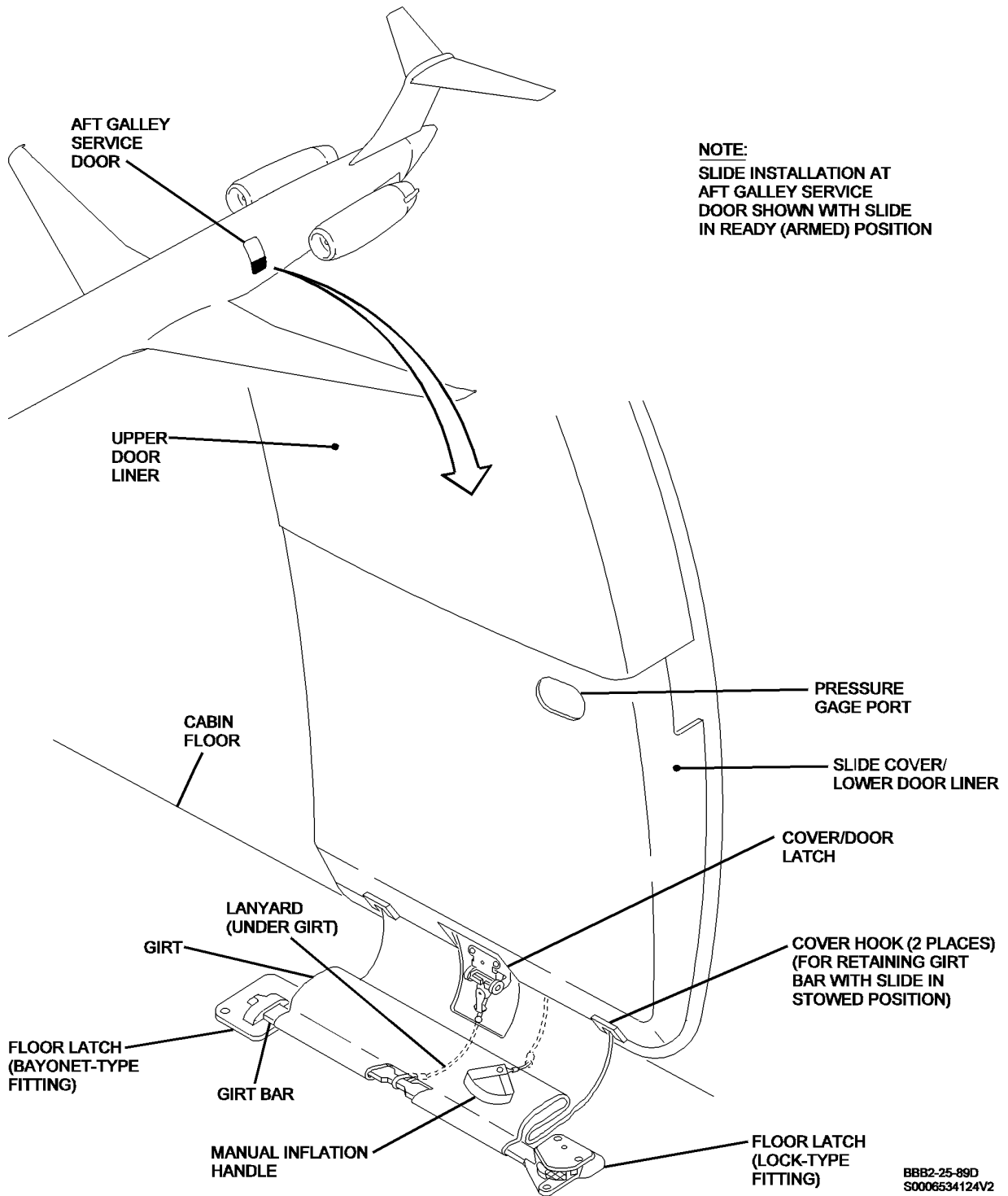
EFFECTIVITY

WJE 401-404, 410, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 886, 887, 891

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**Passenger Compartment Inflatable Evacuation Slides
Figure 1/25-62-00-990-801 (Sheet 7 of 8)**

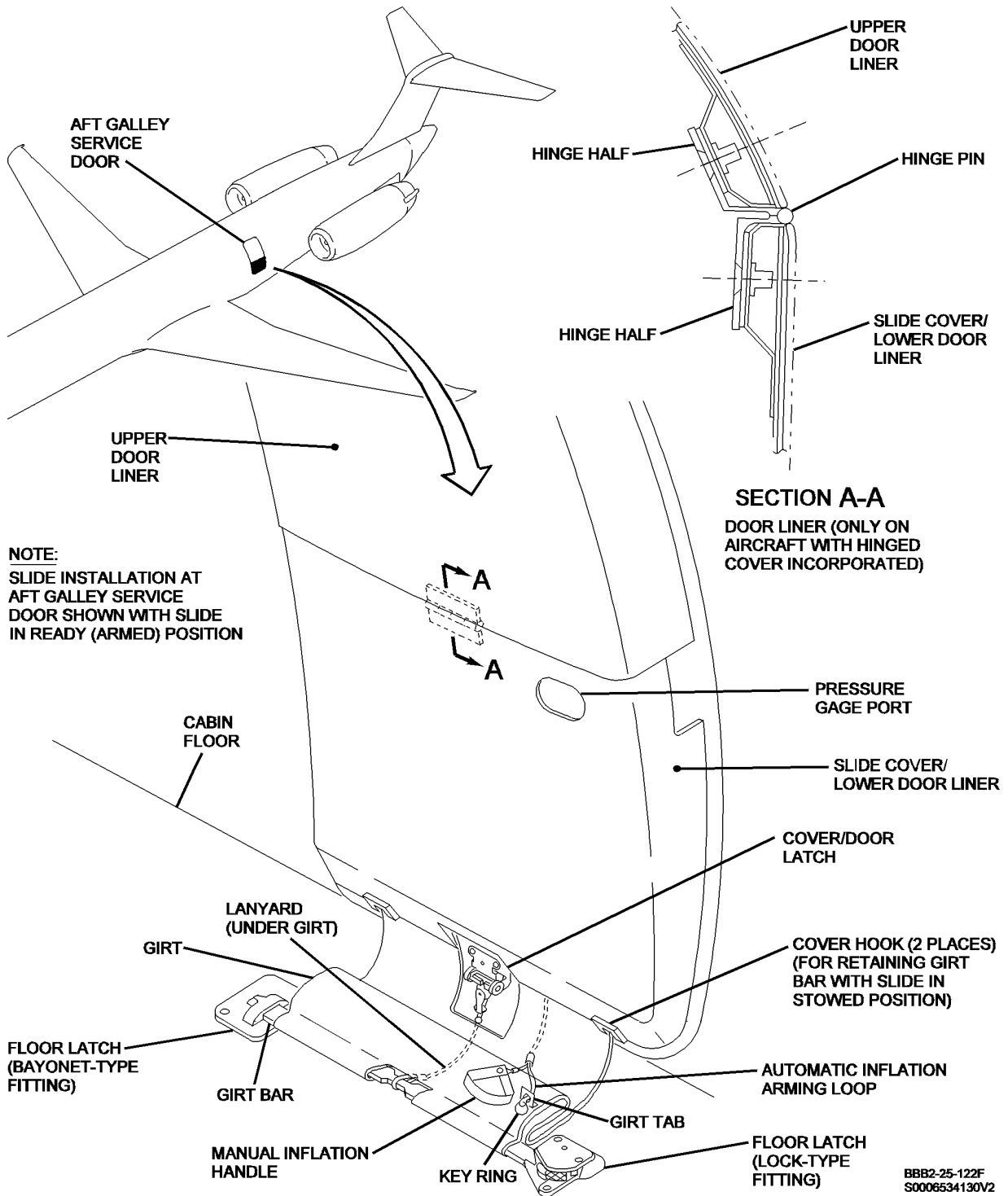
EFFECTIVITY
WJE 407, 408, 411, 880

25-62-00

TP-80MM-WJE

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AIRCRAFT MAINTENANCE MANUAL**



**Passenger Compartment Inflatable Evacuation Slides
Figure 1/25-62-00-990-801 (Sheet 8 of 8)**

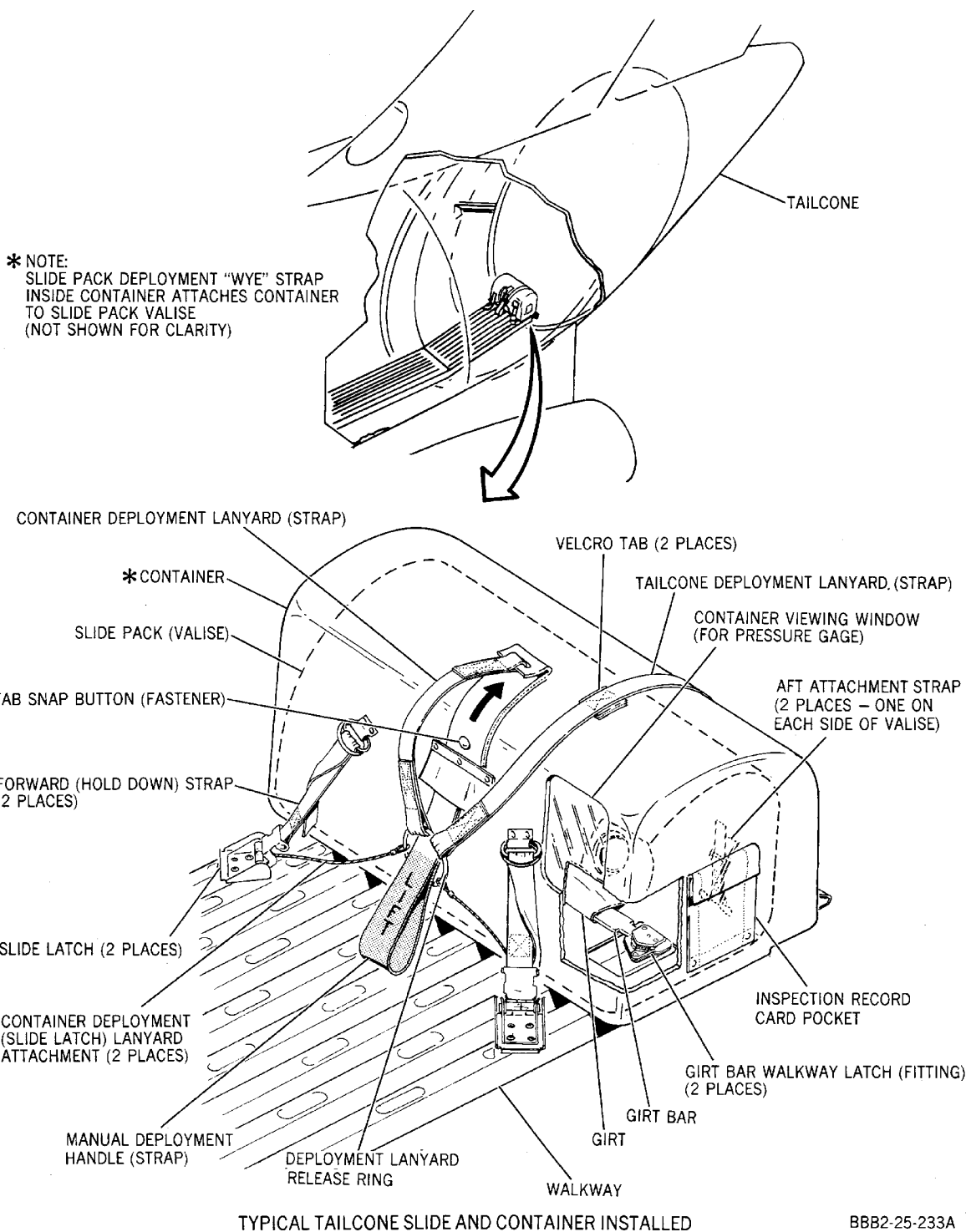
EFFECTIVITY
WJE 412, 414

25-62-00

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BBB2-25-233A

**Aft Accessory Compartment Evacuation Slide--Stowed Position
Figure 2/25-62-00-990-802 (Sheet 1 of 2)**

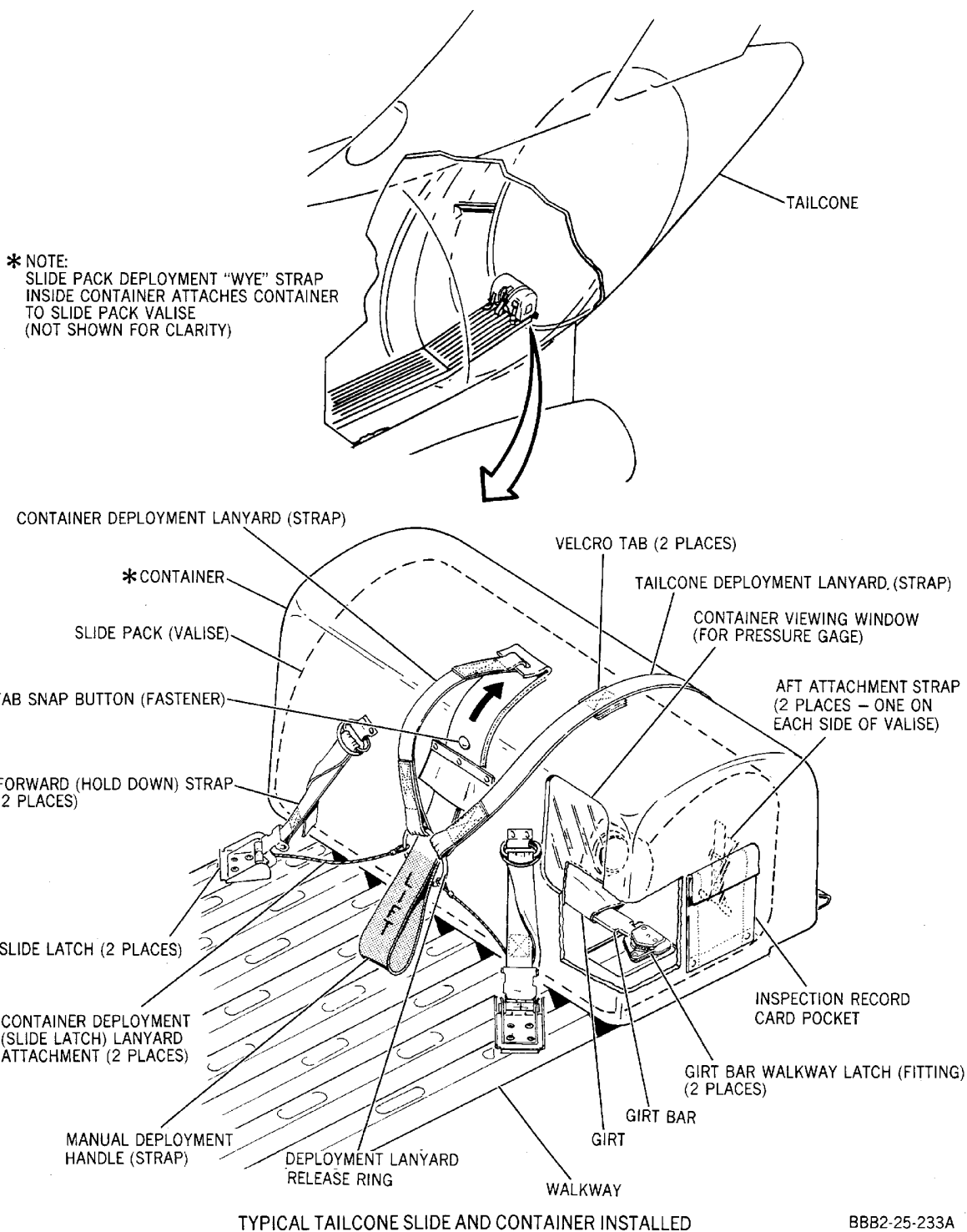
EFFECTIVITY

WJE 401-406, 409, 410, 412, 414-427, 429, 861-866,
868, 869, 871-879, 881, 883, 884, 886, 887, 891-893

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TP-80MM-WJE

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BBB2-25-233A

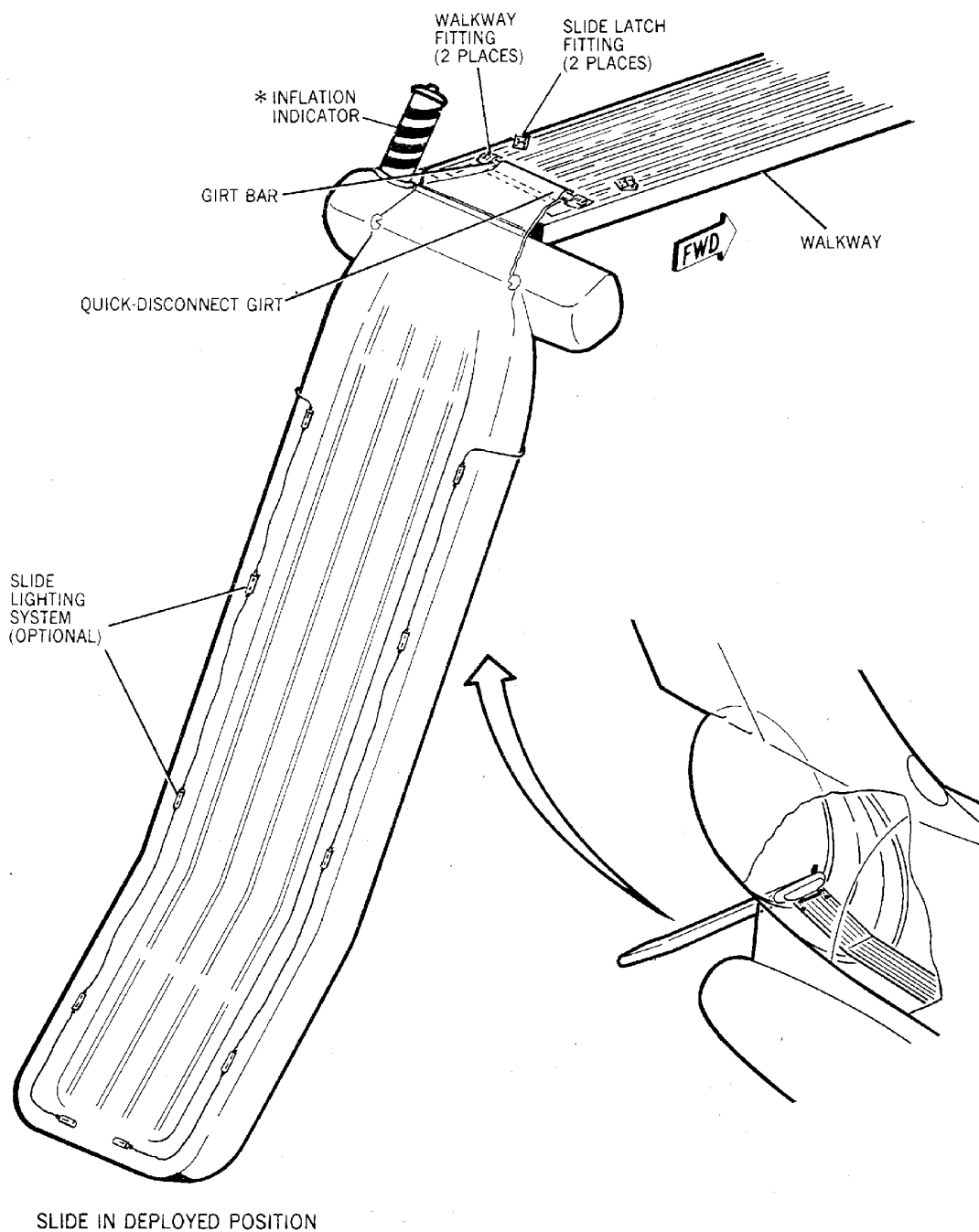
**Aft Accessory Compartment Evacuation Slide--Stowed Position
Figure 2/25-62-00-990-802 (Sheet 2 of 2)**

EFFECTIVITY
WJE 407, 408, 411, 880; With S/B 25-257 Incorp

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SLIDE IN DEPLOYED POSITION

* NOTE:
INFLATION INDICATOR ON
B.F. GOODRICH SLIDES ONLY.

BBB2-25-42B

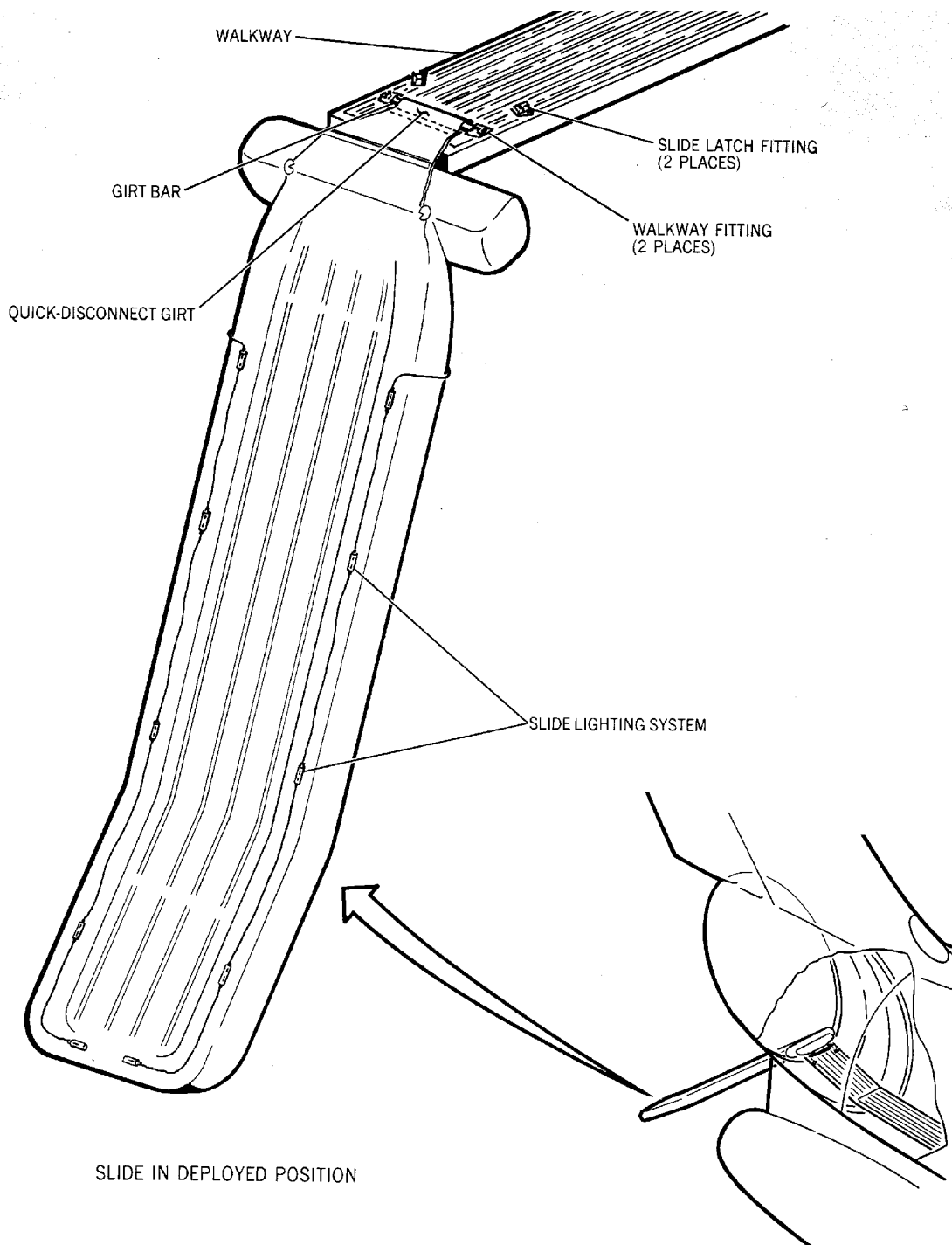
Aft Accessory Compartment Evacuation Slide--Deployed Position
Figure 3/25-62-00-990-803 (Sheet 1 of 3)

EFFECTIVITY
WJE 405-409, 411, 412, 414, 873, 874, 880, 881, 883,
884, 892, 893

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BBB2-25-301

Aft Accessory Compartment Evacuation Slide--Deployed Position
Figure 3/25-62-00-990-803 (Sheet 2 of 3)

EFFECTIVITY

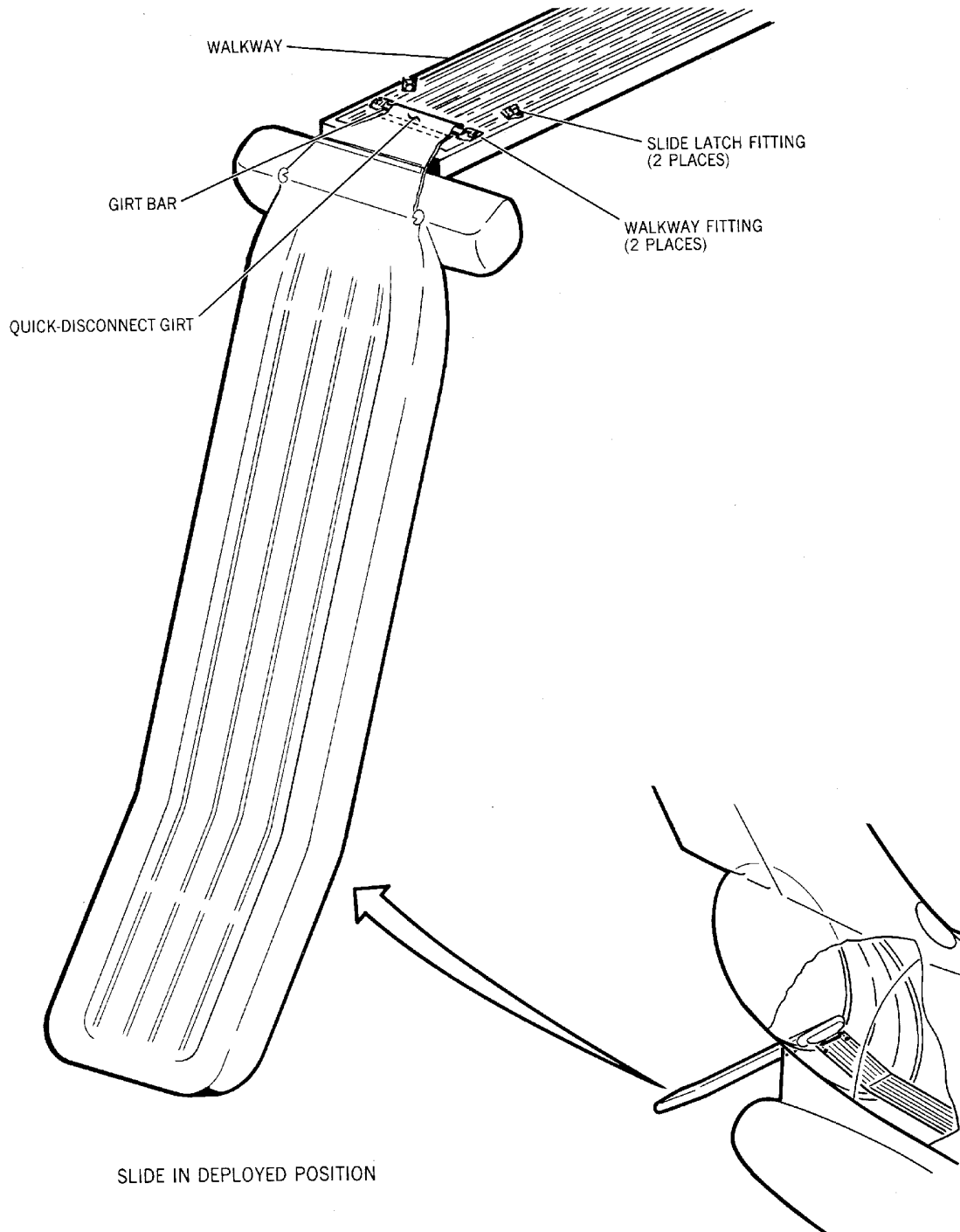
WJE 415-427, 429, 861-866, 868, 869, 871, 872,
875-879, 886, 887, 891

TP-80MM-WJE

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BBB2-25-429

Aft Accessory Compartment Evacuation Slide--Deployed Position
Figure 3/25-62-00-990-803 (Sheet 3 of 3)

EFFECTIVITY
WJE 401-404, 410, 412, 414

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EVACUATION SLIDES - MAINTENANCE PRACTICES

1. General

WJE 875-879

- A. This maintenance practice provides removal/installation instructions for the packed evacuation slides located on passenger forward entrance and forward galley service doors (with hinged covers), and the slide on the aft galley service door in the passenger compartment. For removal/installation of slide located in the aft accessory compartment, refer to AFT EVACUATION SLIDE - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-01/201.

WJE 407, 408, 411, 880

- B. This maintenance practice provides removal/installation instructions for the packed evacuation slides located on passenger forward entrance and forward galley service doors (with breakaway hinge or hinged covers), and the slide on the aft galley service door in the passenger compartment. For removal/installation of slide located in the aft accessory compartment, refer to AFT EVACUATION SLIDE - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-01/201.

WJE 401-404, 415-427, 429, 861-866, 868, 869, 871, 872, 886, 887, 891

- C. This maintenance practice provides removal/installation instructions for packed evacuation slides on the passenger forward entrance and forward galley service doors (with hinged covers), and the slide on the aft galley service door (with and without hinged covers) in the passenger compartment. For removal/installation of slide in the aft accessory compartment, refer to AFT EVACUATION SLIDE - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-01/201.

WJE 405, 406, 409, 410, 412, 414, 873, 874, 881, 883, 884, 892, 893

- D. This maintenance practice provides removal/installation instructions for packed evacuation slides on the passenger forward entrance and forward galley service doors (with breakaway hinge or hinged covers), and the slide on the aft galley service door (with or without hinged cover) in the passenger compartment. For removal/installation of slide in the aft accessory compartment, refer to AFT EVACUATION SLIDE - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-01/201.

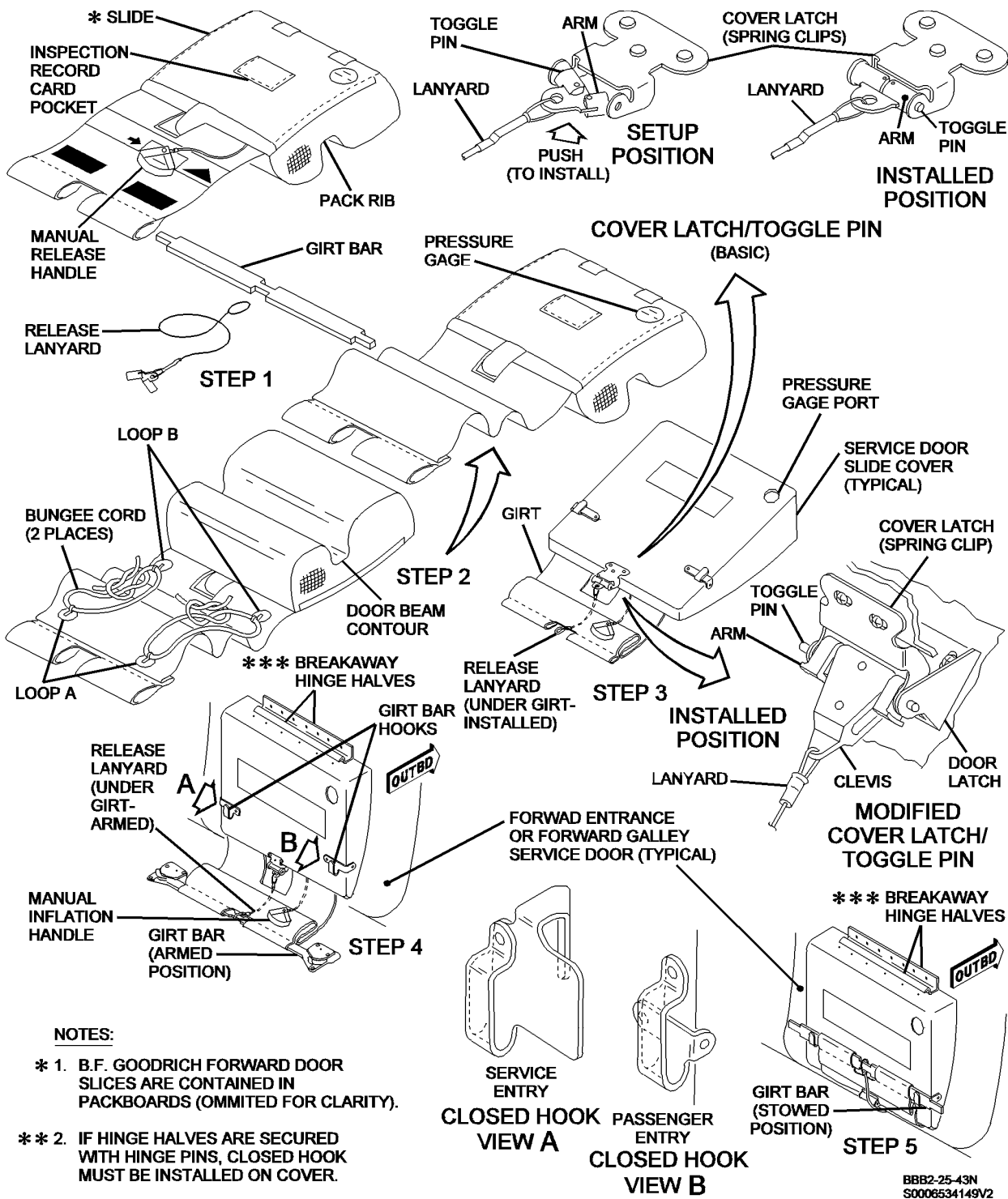
EFFECTIVITY
WJE ALL

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Evacuation Slides Installation -- Forward Doors/Type A Slide Covers
Figure 201/25-62-00-990-809

EFFECTIVITY

WJE 405-409, 411, 873, 874, 880, 881, 883, 884, 892, 893

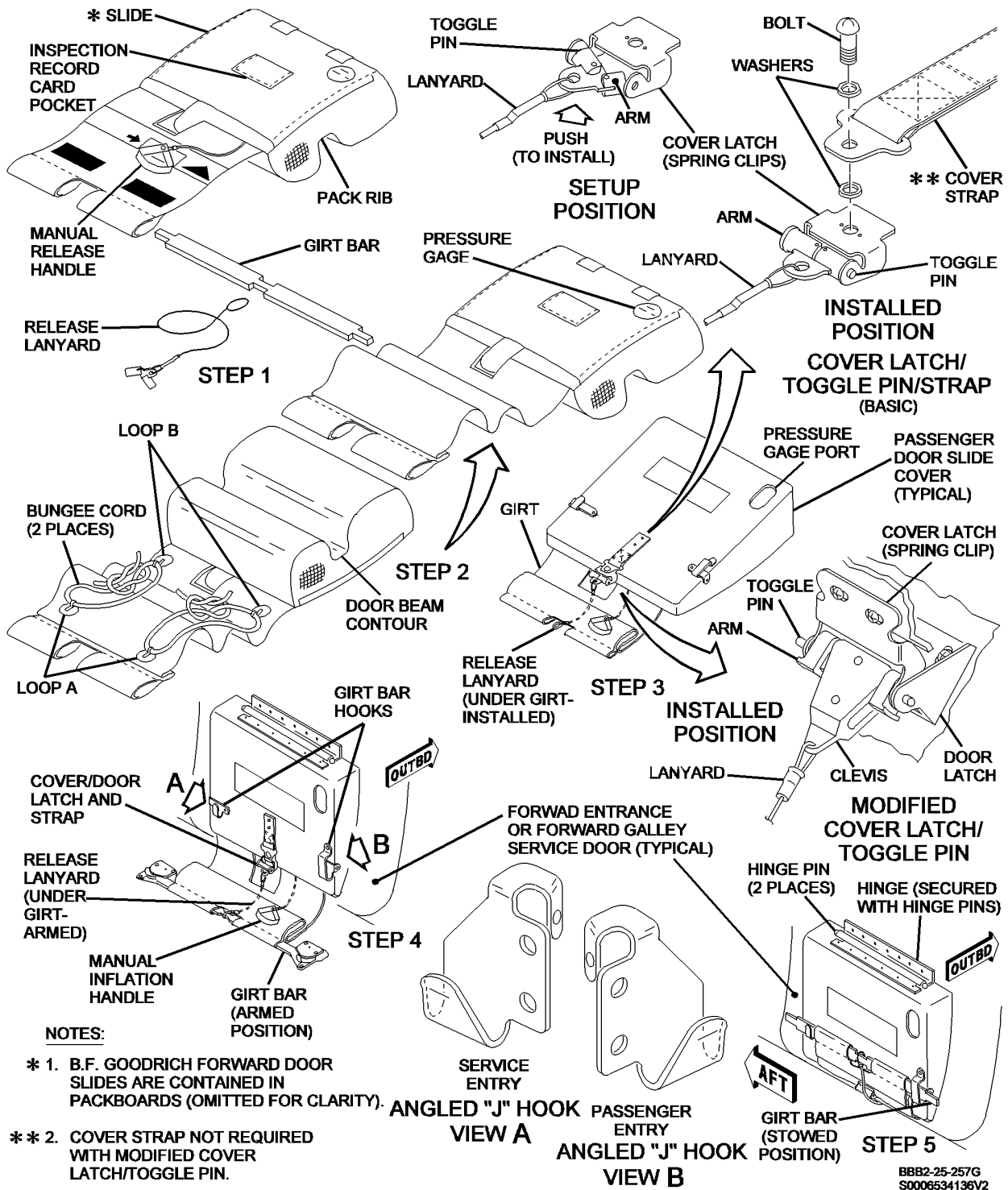
TP-80MM-WJE

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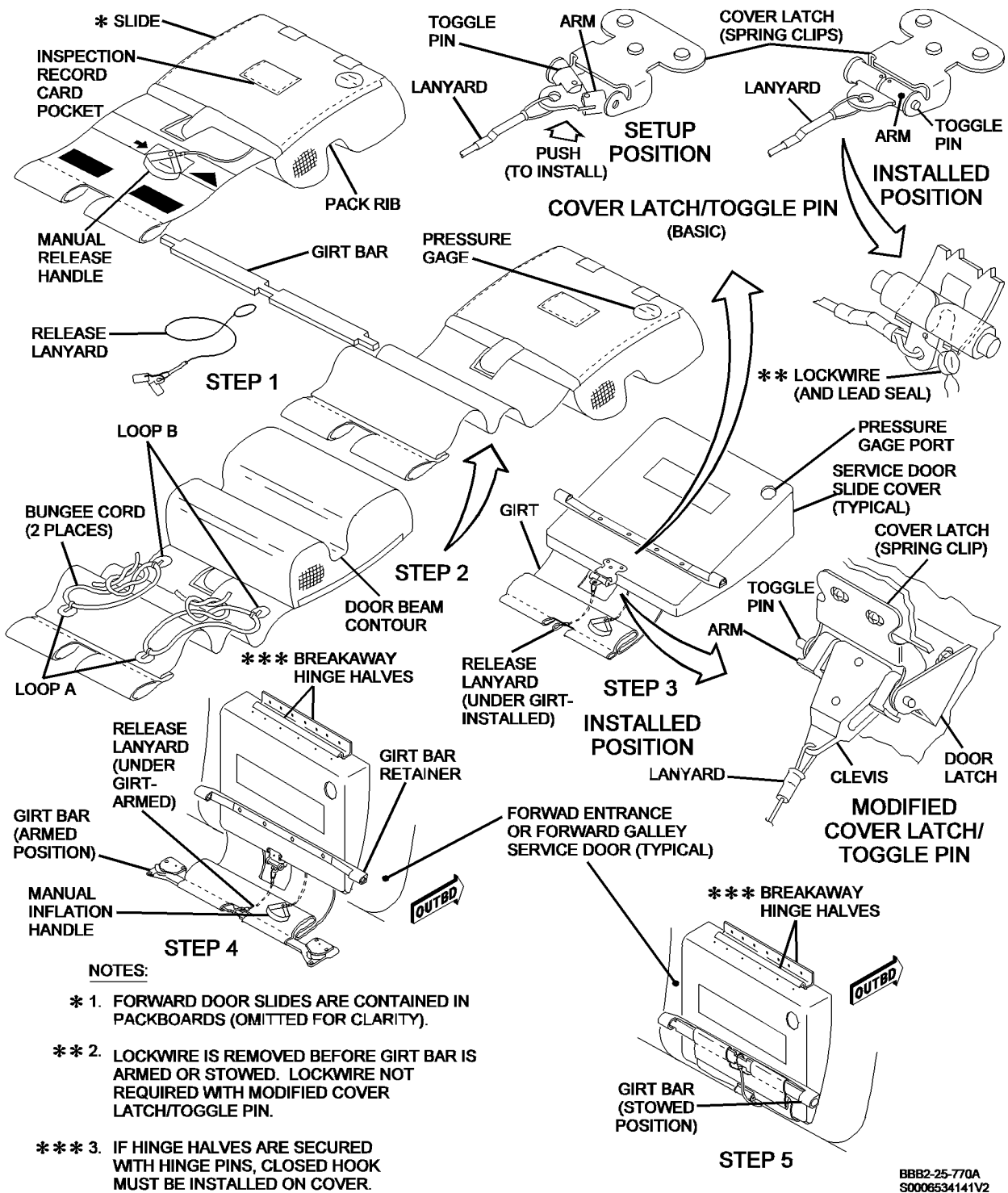


**Evacuation Slides Installation -- Forward Doors/Type B Slide Covers
Figure 202/25-62-00-990-810**

EFFECTIVITY
WJE 405-409, 411, 873, 874, 880, 881, 883, 884, 892, 893

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NOTES:

- * 1. FORWARD DOOR SLIDES ARE CONTAINED IN PACKBOARDS (OMITTED FOR CLARITY).
- ** 2. LOCKWIRE IS REMOVED BEFORE GIRT BAR IS ARMED OR STOWED. LOCKWIRE NOT REQUIRED WITH MODIFIED COVER LATCH/TOGGLE PIN.
- *** 3. IF HINGE HALVES ARE SECURED WITH HINGE PINS, CLOSED HOOK MUST BE INSTALLED ON COVER.

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S0006534141V2

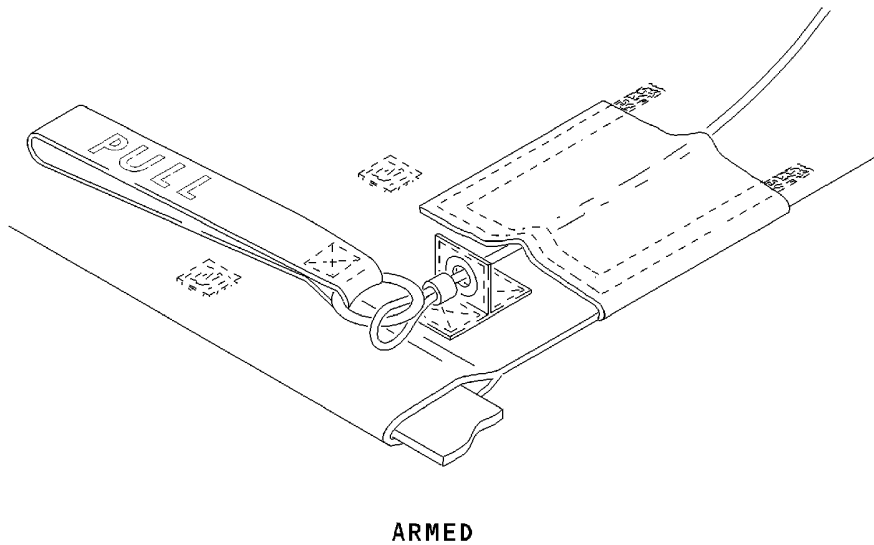
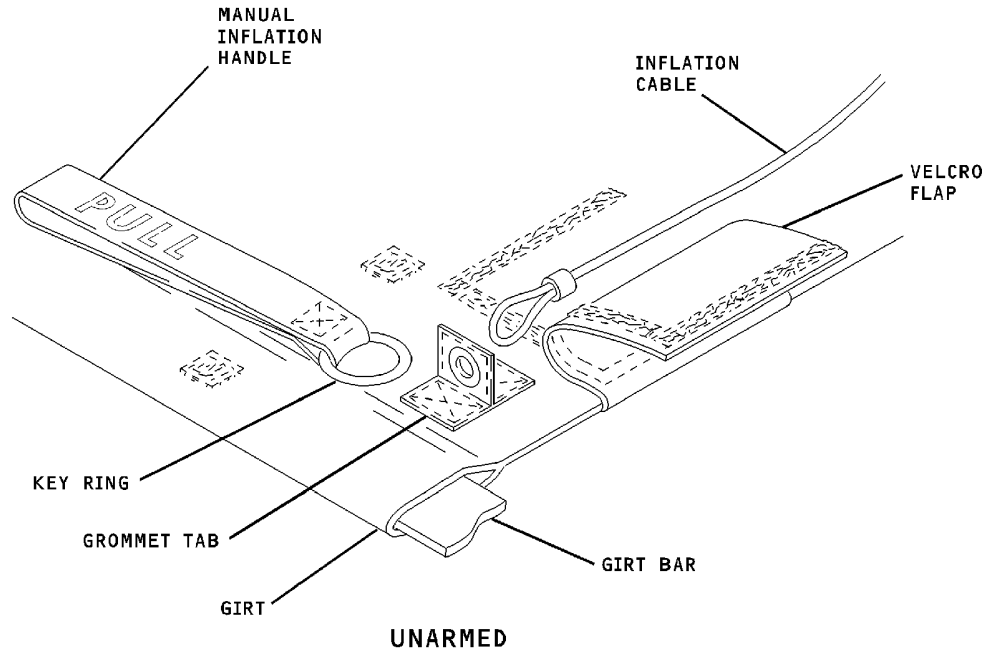
Evacuation Slide Installation -- Forward Doors
Figure 203/25-62-00-990-851

EFFECTIVITY

WJE 875-879; WJE 401-404, 406-408, 410-412, 414, 415, 417-419, 421, 423, 863-866, 869, 871, 872, 881, 883, 886, 887, 892, 893 POST MD80-25-341

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CAG(IGDS)

BBB2-25-728

Evacuation Slide - Inflation Cable Routing
Figure 204/25-62-00-990-813

EFFECTIVITY

WJE 401-404, 410, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-879, 886, 887, 891

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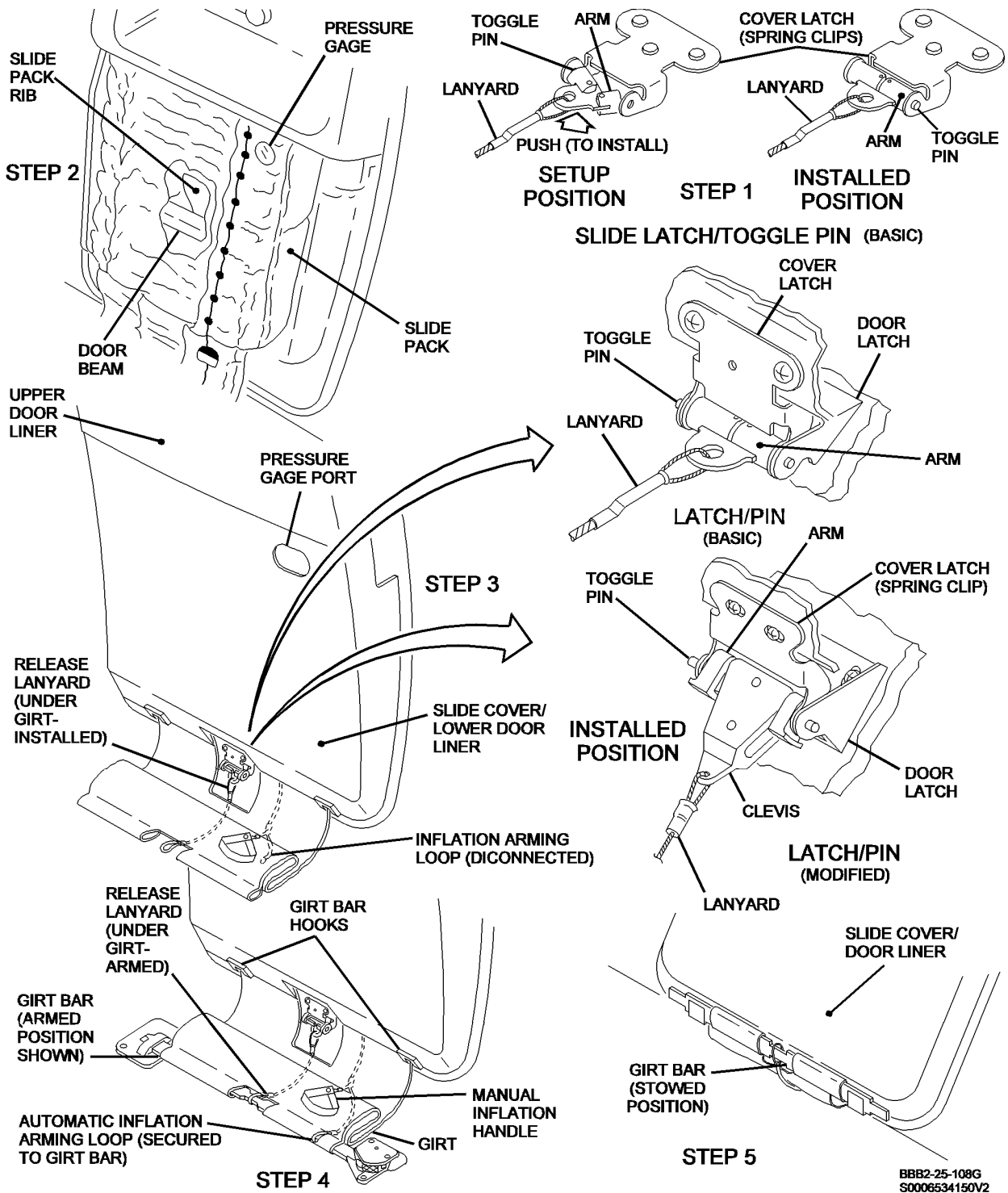
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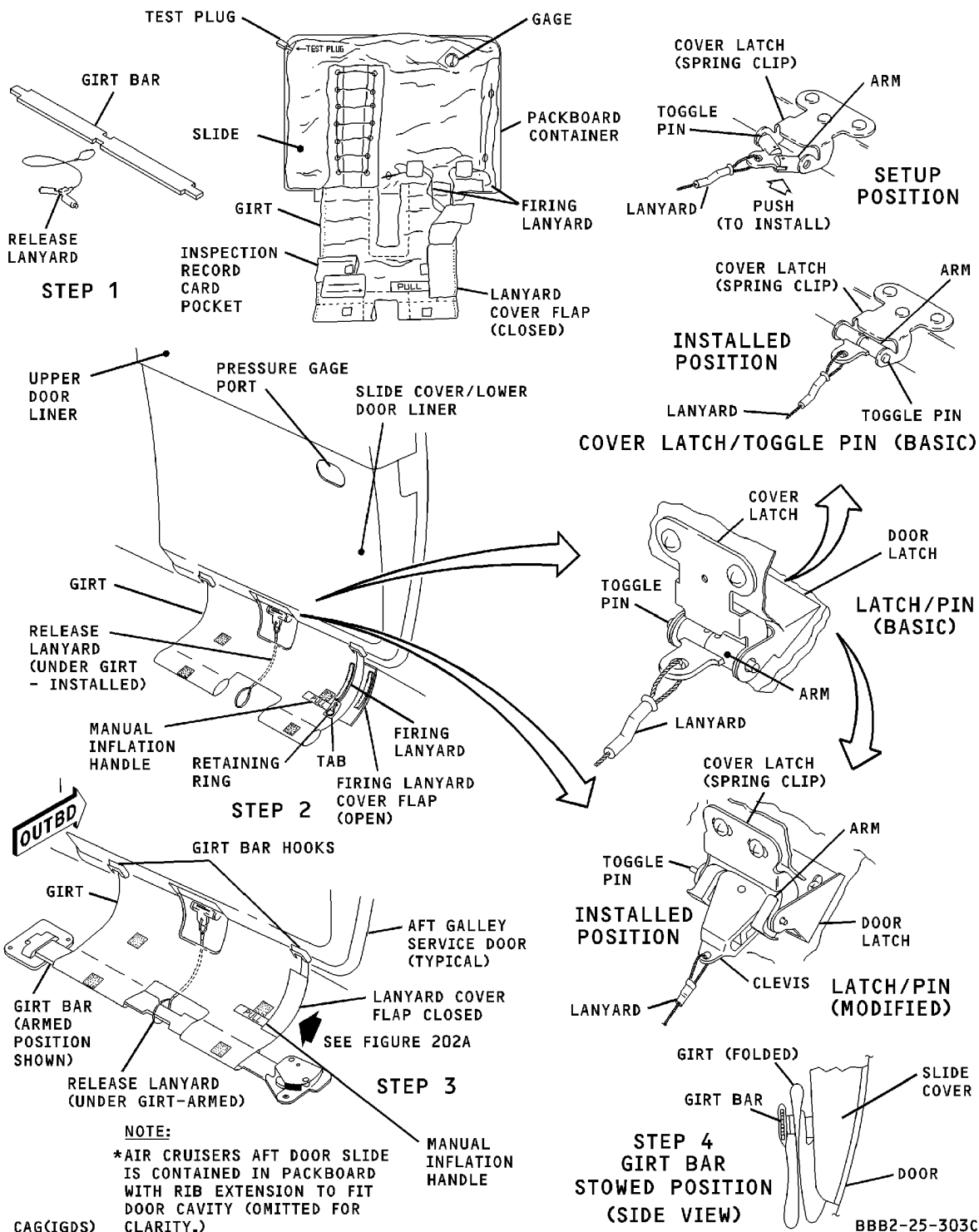
BBB2-25-108G
S0006534150V2

Evacuation Slide Installation -- Aft Galley Service Door
Figure 205/25-62-00-990-855 (Sheet 1 of 4)

EFFECTIVITY
WJE 405, 406, 409, 873, 874, 881, 883, 884, 892, 893

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Evacuation Slide Installation -- Aft Galley Service Door
Figure 205/25-62-00-990-855 (Sheet 2 of 4)

EFFECTIVITY
WJE 875-879

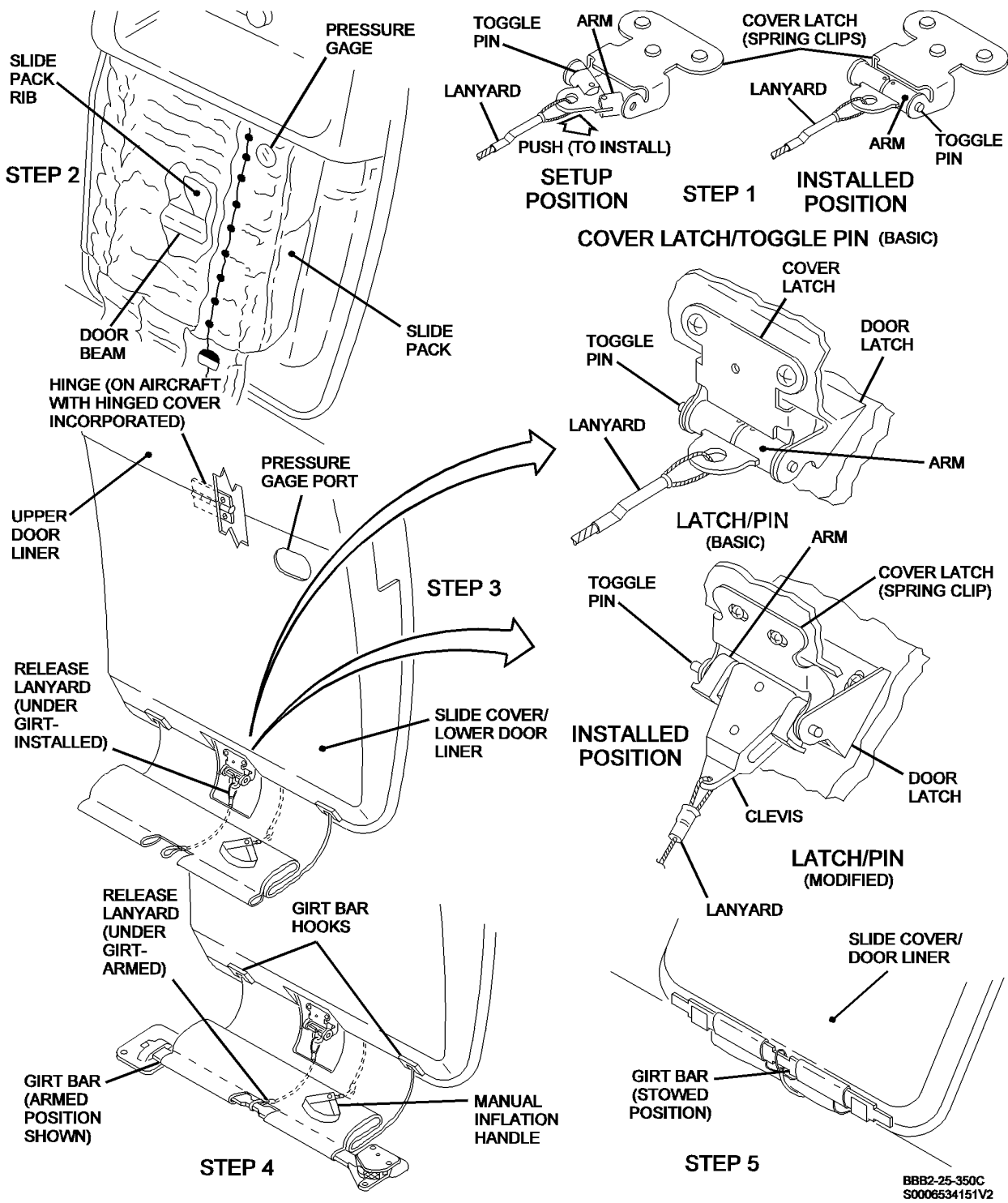
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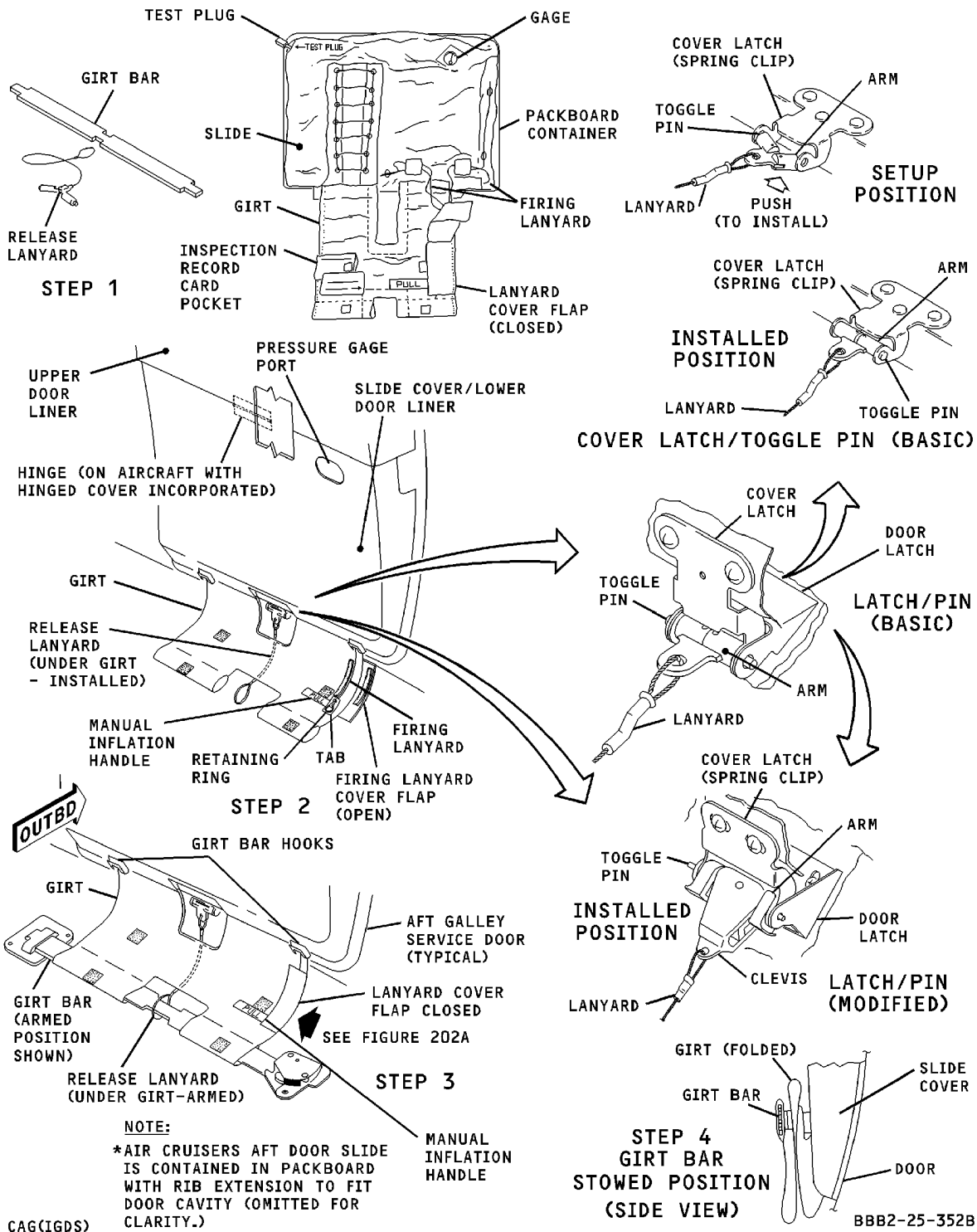
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S0006534151V2

Evacuation Slide Installation -- Aft Galley Service Door
Figure 205/25-62-00-990-855 (Sheet 3 of 4)

EFFECTIVITY
WJE 407, 408, 411, 880

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**Evacuation Slide Installation -- Aft Galley Service Door
Figure 205/25-62-00-990-855 (Sheet 4 of 4)**

EFFECTIVITY
WJE 401-404, 410, 412, 414-427, 429, 886, 887

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WJE 405, 406, 409, 410, 412, 414, 873, 874, 881, 883, 884, 892, 893 (Continued)

2. Removal/Installation Evacuation Slides

NOTE: Slide panels (P/N 5914514-89 and 5956563-129) are installed on the forward service and passenger entry doors for use with PICO evacuation slides. These slide cavity panels must be removed from the forward service and passenger entry doors when Air Cruisers or B. F. Goodrich Corporation evacuation slides are installed on the doors.

WJE 405-409, 411, 412, 414, 873, 874, 880, 881, 883, 884, 892, 893

A. Remove Slide (Forward Doors)

WARNING: BEFORE YOU REMOVE AN ESCAPE SLIDE EQUIPPED WITH AN INFLATION VALVE LOCKING PIN, REMOVE THE PIN FROM THE STOWAGE POUCH AND INSTALL IT IN THE HOLE IN THE INFLATION VALVE . SECURE THE LOCKING PIN WARNING FLAG ACCORDING TO THE SLIDE VENDORS INSTRUCTIONS. THIS WILL HELP PREVENT INJURY TO PERSONNEL AND DAMAGE TO EQUIPMENT.

- (1) Install lockpin in slide inflation valve, as required.

CAUTION: EVACUATION SLIDES ARE EQUIPPED WITH A SELF-CONTAINED, HIGHLY PRESSURIZED INFLATION SYSTEM. CARE SHOULD BE EXERCISED AT ALL TIMES WHEN HANDLING SLIDES TO PREVENT DAMAGE TO UNIT OR INADVERTENT INFLATION.

- (2) Remove girt bar from hooks on cover. (Figure 201, step 4)
- (3) Open cover latch at bottom of slide cover with release lanyard and carefully remove packed slide from door cavity; then, remove cover from door as required.
- (4) If required, check lighting system for illuminated slide.
- (5) Prepare slide for shipment as required.

NOTE: For shipment, folded slide (and packboard) should be placed in original shipping container or equivalent in accordance with best commercial shipping practices. Department of Transportation (DOT) USA recommendations for shipment of charged gas reservoirs must be observed.

B. Install Slide (Forward Doors)

- (1) Check that slide stowage envelope dimensions do not exceed appropriate vendor's maintenance manual maximum dimensions. (Figure 201, step 1)

NOTE: Forward door mounted Goodrich Corporation slides only are packed in a packboard by the vendor.

- (a) On installation, make sure that the slide pack board moves freely in the stowage envelope.

WJE 405-409, 411, 873, 874, 880, 881, 883, 884, 892, 893

- (2) Carefully unfold girt and check installation of bungee cords (retainers), on slide girt, proceed as follows: (Figure 201, step 2)

CAUTION: CARE SHOULD BE TAKEN TO AVOID PULLING FIRING LANYARD ON PACKED SLIDE TO PREVENT INADVERTENT INFLATION OF SLIDE.

- (a) Fold girt back. Be careful of inflation handle to prevent accidental firing.
- (b) Insert bungee cord, provided with slide, through loop A.
- (c) Place bungee cord over folds and through loop B.
- (d) Tie square knot in bungee cord and tighten knot to prevent slipping.

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WJE 405-409, 411, 873, 874, 880, 881, 883, 884, 892, 893 (Continued)

- (e) Adjust bungee cord so that knot falls within loop B.

WJE 405-409, 411, 412, 414, 873, 874, 880, 881, 883, 884, 892, 893

- (3) Check that slide pressure gage is within operational (green band) limits.
- (4) Install toggle end of release lanyard into clip on slide cover. (Figure 201)
- (5) On aircraft with Type A (breakaway hinge) slide covers, install slide and cover on door using following steps: (Figure 201)
 - (a) Position and hold slide in door cavity. Pressure gage should be at upper right corner.
 - (b) Insert cover latch into door latch and snap into place.
 - (c) Raise cover, pivoting on latch, until door and cover hinge pieces meet. Check that pressure gage shows in cover port (window) and that lanyard is not obstructed by support clips or toggle pin.
 - (d) Press firmly down and outboard against cover until cover hinge piece snaps into place under door hinge piece at liner.
 - (e) Verify that lower edge of cover is engaged in door lower clips; then, carefully pull down slide girt until horizontal line on girt is visible below bottom of cover.
 - (f) On aircraft with adjustable door upper hinge piece and lower clips, adjust hinge and clips as required. (Paragraph 3.)

WJE 405-409, 411, 873, 874, 880, 881, 883, 884, 892, 893

- (6) On aircraft with Type B (hinged) slide covers, install slide and cover on door using following steps. (Figure 201)
 - (a) Check that hinge pins secure upper edge of slide cover to door and that strap at lower edge of cover is disconnected from cover latch.
 - (b) Lift lower edge of cover; then, insert, position, and hold slide in door cavity. Pressure gage should be at upper right corner.
 - (c) Engage cover latch into door latch through square cutout in slide girt.
 - (d) Close and hold lower edge of cover against door and check that pressure gage is visible in view port, that slide girt is not pinched in slide cover, and that cover is not preloaded (deformed) against door.
 - (e) Secure strap at lower edge of cover to cover latch with screw and washers.

WJE 405-409, 411, 412, 414, 873, 874, 880, 881, 883, 884, 892, 893

- (7) Route release lanyard under and outboard of girt, and position lanyard loop at girt slot; then, insert girt bar through girt and loop.
- (8) Check installation of girt bar in floor fittings. Remove or install latch shims as required to ensure 1/8 to 3/16 inch (3.175 to 4.763 mm) girt bar-to-floor clearance.
- (9) Fold release lanyard and manual inflation handle into girt; then, install girt bar into hooks on cover. (Figure 201, or Figure 202 step 5)

NOTE: As a convenience, lockwire (MS20995CU20) may be installed through latch pin and latch to prevent latch pin rotation and inadvertent cover unlatching during slide installation. If installed, lockwire should be removed before girt bar is stowed.

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WJE 405-409, 411, 412, 414, 873, 874, 880, 881, 883, 884, 892, 893 (Continued)

WARNING: AFTER YOU INSTALL AN ESCAPE SLIDE AND BEFORE YOU DISPATCH AN AIRCRAFT EQUIPPED WITH AN INFLATION VALVE LOCKING PIN, REMOVE THE PIN AND ITS ATTACHED WARNING FLAG FROM THE INFLATION VALVE AND STOW IT IN THE POUCH PROVIDED. THIS WILL HELP PREVENT INJURY TO PERSONNEL AND DAMAGE TO EQUIPMENT.

- (10) Remove locking pin from slide inflation valve, as required.

WJE 401-404, 406-408, 410-412, 414, 415, 417-419, 421, 423, 863-866, 869, 871, 872, 875-879, 881, 883, 886, 887, 892, 893

C. Remove Slide (Forward Doors)

WARNING: BEFORE YOU REMOVE AN ESCAPE SLIDE EQUIPPED WITH AN INFLATION VALVE LOCKING PIN, REMOVE THE PIN FROM THE STOWAGE POUCH AND INSTALL IT IN THE HOLE IN THE INFLATION VALVE. SECURE THE LOCKING PIN WARNING FLAG ACCORDING TO THE SLIDE VENDORS INSTRUCTIONS. THIS WILL HELP PREVENT INJURY TO PERSONNEL AND DAMAGE TO EQUIPMENT.

- (1) Install lockpin in slide inflation valve, as required.

CAUTION: EVACUATION SLIDES ARE EQUIPPED WITH A SELF-CONTAINED, HIGHLY PRESSURIZED INFLATION SYSTEM. CARE SHOULD BE EXERCISED AT ALL TIMES WHEN HANDLING SLIDES TO PREVENT DAMAGE TO UNIT OR INADVERTENT INFLATION.

- (2) Remove girt bar from hooks on cover. (Figure 203, step 4)

WJE 401-404, 410, 412, 414, 415, 417-419, 421, 423, 863-866, 869, 871, 872, 875-879, 886, 887

CAUTION: CARE SHOULD BE TAKEN TO AVOID PULLING MANUAL INFLATION HANDLE ON PACKED SLIDE TO PREVENT INADVERTENT INFLATION OF SLIDE.

WJE 401-404, 406-408, 410-412, 414, 415, 417-419, 421, 423, 863-866, 869, 871, 872, 875-879, 881, 883, 886, 887, 892, 893

- (3) Open cover latch at bottom of slide cover with release lanyard, raise cover, and carefully remove packed slide from door cavity; then, remove cover from door as required.

NOTE: Upper edge of slide cover is secured to door with hinge pins.

- (4) Open cover latch at bottom of slide cover with release lanyard, raise cover, and carefully remove packed slide from door cavity; then, remove cover from door as required.

NOTE: Upper edge of slide cover is secured to door with hinge pins.

WJE 401-404, 410, 412, 414, 415, 417-419, 421, 423, 863-866, 869, 871, 872, 875-879, 886, 887

- (5) If required, check lighting system for illuminated slide.
- (6) Prepare slide for shipment as required.

NOTE: For shipment, folded slide (and packboard) should be placed in original shipping container or equivalent in accordance with best commercial shipping practices. Department of Transportation (DOT) USA recommendations for shipment of charged gas reservoirs must be observed.

WJE 401-404, 406-408, 410-412, 414, 415, 417-419, 421, 423, 863-866, 869, 871, 872, 875-879, 881, 883, 886, 887, 892, 893

D. Install Slide (Forward Doors)

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WJE 401-404, 410, 412, 414, 415, 417-419, 421, 423, 863-866, 869, 871, 872, 875-879, 886, 887

- (1) Check that slide stowage envelope dimensions do not exceed appropriate vendor's maintenance manual maximum dimensions.(Figure 203, step 1)

NOTE: Forward door mounted Air Cruisers slides are packed in a packboard by the slide vendor.

- (a) On installation, make sure that the slide pack board moves freely in the stowage envelope.

WJE 401-404, 406-408, 410-412, 414, 415, 417-419, 421, 423, 863-866, 869, 871, 872, 875-879, 881, 883, 886, 887, 892, 893

- (2) Check that slide pressure gage is within operational (green band) limits. (Figure 203, step 1)

WJE 401-404, 410, 412, 414, 415, 417-419, 421, 423, 863-866, 869, 871, 872, 875-879, 886, 887

- (3) Install toggle end of release lanyard into clip on slide cover. (Figure 203, step 2)

CAUTION: CARE SHOULD BE TAKEN TO AVOID PULLING FIRING LANYARD ON PACKED SLIDE TO PREVENT INADVERTENT INFLATION OF SLIDE.

- (4) Check that hinge pins secure upper edge of slide cover to door and that strap at lower edge of cover is disconnected from cover latch. (Figure 203, step 4)

WJE 401-404, 406-408, 410-412, 414, 415, 417-419, 421, 423, 863-866, 869, 871, 872, 875-879, 881, 883, 886, 887, 892, 893

- (5) Lift lower edge of slide cover; then, insert, position, and hold slide with packboard in door cavity. Pressure gage should be at upper right corner.

- (6) Engage cover latch into door latch through rectangle cutout in slide girt.

WJE 401-404, 410, 412, 414, 415, 417-419, 421, 423, 863-866, 869, 871, 872, 875-879, 886, 887

- (7) Close and hold lower edge of cover against door and check that pressure gage is visible in view port, that slide girt is not pinched in slide cover, and that cover is not preloaded (deformed) against door.

- (8) Secure strap at lower edge of cover to cover latch with screw and washers.

- (9) If necessary, adjust forward door slide cover. (Paragraph 3.)

WJE 401-404, 406-408, 410-412, 414, 415, 417-419, 421, 423, 863-866, 869, 871, 872, 875-879, 881, 883, 886, 887, 892, 893

- (10) Route release lanyard under and outboard of girt and position lanyard loop at girt slot; then, install girt bar through girt and loop.

WJE 401-404, 410, 412, 414, 415, 417-419, 421, 423, 863-866, 869, 871, 872, 875-879, 886, 887

- (11) Check installation of girt bar in floor fittings. Remove or install latch shims as required to ensure 1/8 to 3/16 inch (3.175 to 4.763 mm) girt bar-to-floor clearance.

- (12) Pass inflation cable loop through grommet tab. Install loop on end of inflation cable in key ring on manual inflation handle. Verify key ring is fully threaded through cable loop and inflation handle. Verify key ring is not threaded through grommet in grommet tab.

- (a) Aircraft equipped with Air Cruisers slides, lay grommet tab back against girt and close velcro flap over tab and cable.

- (b) Aircraft equipped with BF Goodrich slides, close velcro flap over cable. Grommet tab will not be captured by velcro flap.

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- (13) Fold girt bar and lower end of girt into velcro pads on girt; then, fold girt inboard and install girt bar in hook on cover. (Figure 203, step 4)

WARNING: AFTER YOU INSTALL AN ESCAPE SLIDE AND BEFORE YOU DISPATCH AN AIRCRAFT EQUIPPED WITH AN INFLATION VALVE LOCKING PIN, REMOVE THE PIN AND ITS ATTACHED WARNING FLAG FROM THE INFLATION VALVE AND STOW IT IN THE POUCH PROVIDED. THIS WILL HELP PREVENT INJURY TO PERSONNEL AND DAMAGE TO EQUIPMENT.

- (14) Remove lockpin from slide inflation valve, as required.

WJE ALL

- E. Remove Slide (Aft galley service door) (Figure 205)

WARNING: BEFORE YOU REMOVE AN ESCAPE SLIDE EQUIPPED WITH AN INFLATION VALVE LOCKING PIN, REMOVE THE PIN FROM THE STOWAGE POUCH AND INSTALL IT IN THE HOLE IN THE INFLATION VALVE. SECURE THE LOCKING PIN WARNING FLAG ACCORDING TO THE SLIDE VENDORS INSTRUCTIONS. THIS WILL HELP PREVENT INJURY TO PERSONNEL AND DAMAGE TO EQUIPMENT.

- (1) Install lockpin in slide inflation valve, as required.

CAUTION: EVACUATION SLIDES ARE EQUIPPED WITH A SELF-CONTAINED, HIGHLY PRESSURIZED INFLATION SYSTEM. CARE SHOULD BE EXERCISED AT ALL TIMES WHEN HANDLING SLIDES TO PREVENT DAMAGE TO UNIT OR INADVERTENT INFLATION.

- (2) Remove girt bar from hooks on cover. (Figure 205, step 4)

WJE 405, 406, 409, 881, 883, 884

CAUTION: CARE SHOULD BE TAKEN TO AVOID PULLING MANUAL INFLATION HANDLE ON PACKED SLIDE TO PREVENT INADVERTENT INFLATION OF SLIDE.

- (3) On slide rigged for automatic inflation, carefully remove girt bar from girt and disconnect automatic inflation arming loop.

WJE 405-409, 411, 412, 414, 873, 874, 880, 881, 883, 884, 892, 893

CAUTION: CARE SHOULD BE TAKEN TO AVOID PULLING MANUAL INFLATION HANDLE ON PACKED SLIDE TO PREVENT INADVERTENT INFLATION OF SLIDE.

- (4) Open cover latch at bottom of slide cover with release lanyard and remove cover from door. Carefully remove packed slide from door beam.

WJE 401-404, 410, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-879, 886, 887, 891

CAUTION: CARE SHOULD BE TAKEN TO AVOID PULLING MANUAL INFLATION HANDLE ON PACKED SLIDE TO PREVENT INADVERTENT INFLATION OF SLIDE.

- (5) Open cover latch at bottom of slide cover with release lanyard and lift or remove cover from door. Carefully remove packed slide from door cavity.

WJE ALL

- (6) If required, check lighting system for illuminated slide.

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- (7) Prepare slide for shipment as required.

NOTE: For shipment, folded slide (and packboard) should be placed in original shipping container or equivalent in accordance with best commercial shipping practices. Department of Transportation (DOT) USA recommendations for shipment of charged gas reservoirs must be observed.

F. Install Slide (Aft galley service door)

- (1) Check that slide stowage envelope dimensions do not exceed appropriate vendor's maintenance manual maximum dimensions. (Figure 205, step 1)

NOTE: Aft service door mounted Air Cruisers slide is packed in a packboard by the slide vendor.

- (2) Verify that slide stowage envelope dimensions do not exceed appropriate vendor's maintenance manual maximum dimensions. (Figure 205, step 1)

NOTE: Aft service door mounted Air Cruisers slide is packed in a packboard by the slide vendor.

WJE 405-409, 411, 412, 414, 873, 874, 880, 881, 883, 884, 892, 893

- (3) If bungee cords (retainers), are installed on slide girt, proceed as follows: (Figure 205)

CAUTION: CARE SHOULD BE TAKEN TO AVOID PULLING MANUAL INFLATION HANDLE ON PACKED SLIDE TO PREVENT INADVERTENT INFLATION OF SLIDE.

- (a) Fold girt back. Be careful of manual inflation handle to prevent accidental firing.
- (b) Insert bungee cord, provided with slide, through loop A.
- (c) Place bungee cord over folds and through loop B.
- (d) Tie square knot in bungee cord and tighten knot to prevent slipping.
- (e) Adjust bungee cord so that knot falls within loop B.

WJE ALL

- (4) Check that slide pressure gage is within operational (green band) limits.
- (5) Install toggle end of release lanyard into clip on slide cover. (Figure 205)

WJE 405-409, 411, 412, 414, 873, 874, 880, 881, 883, 884, 892, 893

- (6) Install slide on door by securing slide pack rib to door beam. (Figure 205, step 2)

WJE 401-404, 410, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-879, 886, 887, 891

- (7) Install and hold slide in door cavity. Pressure gage should be at upper right corner. (Figure 205, step 2)

WJE 401-404, 410, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 886, 887, 891

- (8) On aircraft without hinged slide cover, install upper lip of slide cover under upper door liner, and lower cover (on aircraft with hinged slide cover incorporated, just lower cover); then, secure lower edge of cover with cover/door latch. (Figure 205, step 2)

WJE 405, 406, 409, 873, 874, 881, 883, 884, 892, 893

- (9) On aircraft without hinged slide cover, install upper lip of slide cover under upper door liner, and lower cover (on aircraft with hinged slide cover incorporated, just lower cover); then, secure lower edge of cover with cover/door latch. (Figure 205, step 3)

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WJE 875-879

CAUTION: CARE SHOULD BE TAKEN TO AVOID PULLING FIRING LANYARD ON PACKED SLIDE TO PREVENT INADVERTENT INFLATION OF SLIDE.

- (10) Install slide cover by inserting upper lip of cover under door liner and securing lower edge of cover with cover/door latch. (Figure 205, step 2)

WJE 407, 408, 411, 880

CAUTION: CARE SHOULD BE TAKEN TO AVOID PULLING FIRING LANYARD ON PACKED SLIDE TO PREVENT INADVERTENT INFLATION OF SLIDE.

- (11) Install slide cover by inserting upper lip of cover under door liner and securing lower edge of cover with cover/door latch. (Figure 205, step 3)

WJE 405-409, 411, 412, 414, 873, 874, 880, 881, 883, 884, 892, 893

- (12) Adjust aft service door slide cover as required. (AFT SERVICE DOOR LINING - MAINTENANCE PRACTICES, PAGEBLOCK 52-42-01/201 Config 2)

WJE 401-404, 406-408, 410-412, 414, 415, 417-419, 421, 423, 863-866, 869, 871, 872, 875-879, 881, 883, 886, 887, 892, 893

- (13) If necessary, adjust aft service door slide cover as required. (AFT SERVICE DOOR LINING - MAINTENANCE PRACTICES, PAGEBLOCK 52-42-01/201 Config 2)

WJE ALL

- (14) Install girt bar through girt and release lanyard loop. Route lanyard under and outboard of girt. (Figure 205, step 3)
- (15) Check installation of girt bar in floor fittings. Remove or install latch shims as required to ensure 1/8 to 3/16 inch (3.175 to 4.763 mm) girt bar-to-floor clearance.

WJE 401-404, 410, 412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-879, 886, 887, 891

- (16) Pass inflation cable loop through grommet tab. Install loop on end of inflation cable in key ring on manual inflation handle. Verify key ring is fully threaded through cable loop and inflation handle. Verify key ring is not threaded through grommet in grommet tab.
 - (a) Aircraft equipped with Air Cruisers slides, lay grommet tab back against girt and close velcro flap over tab and cable.
 - (b) Aircraft equipped with BF Goodrich slides, close velcro flap over cable. Grommet tab will not be captured by velcro flap.

WJE ALL

- (17) Fold girt bar and lower end of girt into velcro pads on girt; then, fold girt inboard and install girt bar in hooks on cover. (Figure 205)

NOTE: As a convenience, lockwire (MS20995CU20) may be installed through latch pin and latch to prevent latch pin rotation and inadvertent cover unlatching during slide installation. If installed, lockwire should be removed before girt bar is stowed.

WARNING: AFTER YOU INSTALL AN ESCAPE SLIDE AND BEFORE YOU DISPATCH AN AIRCRAFT EQUIPPED WITH AN INFLATION VALVE LOCKING PIN, REMOVE THE PIN AND ITS ATTACHED WARNING FLAG FROM THE INFLATION VALVE AND STOW IT IN THE POUCH PROVIDED. THIS WILL HELP PREVENT INJURY TO PERSONNEL AND DAMAGE TO EQUIPMENT.

- (18) Remove lockpin from slide inflation valve, as required.

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3. Adjustment/Test Evacuation Slides

A. Adjust Slide Cover (Forward Passenger Door)

NOTE: The adjustment of the forward passenger/service door slide cover is provided on doors modified with an adjustable upper hinge piece and lower clips. For adjustment of aft service door slide cover, refer to AFT SERVICE DOOR LINING - MAINTENANCE PRACTICES, PAGEBLOCK 52-42-01/201 Config 1 or AFT SERVICE DOOR LINING - MAINTENANCE PRACTICES, PAGEBLOCK 52-42-01/201 Config 2.

- (1) Remove door window panel. (PASSENGER FORWARD ENTRANCE DOOR LINING - MAINTENANCE PRACTICES, PAGEBLOCK 52-11-01/201 Config 1 or PASSENGER FORWARD ENTRANCE DOOR LINING - MAINTENANCE PRACTICES, PAGEBLOCK 52-11-01/201 Config 2)
- (2) Loosen screws (5 places) attaching angle and upper hinge piece to door structure.
- (3) Loosen screws (2 places) on each lower clip (2 places).
- (4) Latch slide cover on door and position cover parallel with bottom edge of door.
- (5) Adjust lower clips (2 places) and secure clips in desired position with screws (2 places each clip).
- (6) Adjust angle and upper hinge piece to desired height; then, secure angle to door structure with screws (5 places).
- (7) Install door window panel. (PASSENGER FORWARD ENTRANCE DOOR LINING - MAINTENANCE PRACTICES, PAGEBLOCK 52-11-01/201 Config 1 or PASSENGER FORWARD ENTRANCE DOOR LINING - MAINTENANCE PRACTICES, PAGEBLOCK 52-11-01/201 Config 2)
- (8) Unsnap slide cover from upper hinge and loosen screws (5 places) at bottom of hinge at door angle.
- (9) Using top edge of slide cover as guide, adjust hinge inboard or outboard direction to compress cover at door panel as evenly as possible; then, unsnap cover and secure hinge to angle with screws (5 places).
NOTE: A constant gap should be maintained between hinge and door panel.
- (10) Snap cover into place under door hinge piece.

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EVACUATION SLIDE - REMOVAL/INSTALLATION

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-62-00-902-801

2. Restoration of the Evacuation Slide

NOTE: This procedure is a scheduled maintenance task.

A. References

Reference	Title
25-62-00 P/B 201	EVACUATION SLIDES - MAINTENANCE PRACTICES

B. Evacuation Slide Restoration

SUBTASK 25-62-00-020-001

- (1) Remove the evacuation slide. (EVACUATION SLIDES - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-00/201)

SUBTASK 25-62-00-510-001

- (2) Route the evacuation slide to shop for restoration.

SUBTASK 25-62-00-420-001

- (3) Install serviceable evacuation slide. (EVACUATION SLIDES - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-00/201)

C. Job Close-up

SUBTASK 25-62-00-942-002

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

TASK 25-62-00-901-801

3. Discard the Evacuation Slide Bottle

NOTE: This procedure is a scheduled maintenance task.

A. References

Reference	Title
25-62-00 P/B 201	EVACUATION SLIDES - MAINTENANCE PRACTICES

B. Evacuation Slide Bottle Discard

SUBTASK 25-62-00-020-002

- (1) Remove the evacuation slide. (EVACUATION SLIDES - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-00/201)

SUBTASK 25-62-00-510-002

- (2) Route the evacuation slide to shop to discard the bottle.

SUBTASK 25-62-00-420-002

- (3) Install serviceable evacuation slide. (EVACUATION SLIDES - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-00/201)

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C. Job Close-up

SUBTASK 25-62-00-942-003

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

———— **END OF TASK** ————

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EVACUATION SLIDE - INSPECTION/CHECK

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-62-00-212-801

2. Visual Check of the Evacuation Slide Bottle for Proper Pressure

A. Evacuation Slide Bottle Proper Pressure Visual Check

SUBTASK 25-62-00-212-001

(1) Check that slide pressure gage is within operational (green band) limits.

B. Job Close-up

SUBTASK 25-62-00-942-001

(1) Remove all the tools and equipment from the work area. Make sure the area is clean.

———— **END OF TASK** ————

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AFT EVACUATION SLIDE - MAINTENANCE PRACTICES

1. General

- A. This maintenance practice provides removal/installation instructions for the packed evacuation slide provided with a hard protective cover (container). The slide is located at the aft end of the walkway in the aft accessory compartment. (Figure 201 or Figure 202 or Figure 203)

For removal/installation of slides located in the passenger compartment, (EVACUATION SLIDES - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-00/201).

2. Removal/Installation Aft Evacuation Slide

CAUTION: AFT SLIDE MUST BE HANDLED WITH EXTREME CARE TO PREVENT INADVERTENT INFLATION. SLIDE IS RIGGED FOR AUTOMATIC INFLATION. TENSION (PULLING) ON GIRT OF SLIDE WHICH WEIGHS APPROXIMATELY 36.4 POUNDS (16.5 KG) CAN RESULT IN ACCIDENTAL INFLATION. CERTAIN SLIDES (MANUFACTURED BY PICO), HAVE PACKING BAND WHICH HOLDS SLIDE VALISE CLOSED FOR SHIPPING AND STORAGE. BAND MUST BE REMOVED PRIOR TO SLIDE INSTALLATION.

- A. Remove Slide (Figure 201 or Figure 202 or Figure 203)

WARNING: BEFORE YOU REMOVE AN ESCAPE SLIDE EQUIPPED WITH AN INFLATION VALVE LOCKING PIN, REMOVE THE PIN FROM THE STOWAGE POUCH AND INSTALL IT IN THE HOLE IN THE INFLATION VALVE . SECURE THE LOCKING PIN WARNING FLAG ACCORDING TO THE SLIDE VENDORS INSTRUCTIONS. THIS WILL HELP PREVENT INJURY TO PERSONNEL AND DAMAGE TO EQUIPMENT.

- (1) Install lockpin in slide inflation valve, as required.

WJE 405-411, 880, 881, 883, 884; W/O SB 25-257

- (2) If required, check lighting system for illuminated slide.

WJE 405-411, 880, 881, 883, 884

- (3) Do not disconnect clevis end of deployment lanyard from tailcone bracket; however, proceed as follows:
- (a) While holding container down, pull on tailcone deployment lanyard to release toggle pins at walkway clips.
 - (b) Pull deployment lanyard tab forward, separating velcro tape and snap button from container.
 - (c) Stow harness in accessory compartment for installation.

WJE 410, 873, 874, 886, 887, 892, 893

- (4) Do not disconnect clevis end of deployment lanyard from small loop of Kevlar cable in tailcone; however, proceed as follows:

NOTE: Deployment lanyard is secured to Kevlar cable with a retainer pin, washer, and cotter pin.

- (a) While holding container down, pull on tailcone deployment lanyard to release toggle pins at walkway clips.
- (b) Pull deployment lanyard tab forward, separating velcro tape and snap button from container.
- (c) Stow harness in accessory compartment for installation.

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WJE 401-412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-881, 883, 884, 891

- (5) Do not disconnect clevis end of deployment lanyard from tailcone bracket (on aircraft with conical tailcone) or from small loop of Kevlar cable in tailcone (on aircraft with low drag tailcone), however, proceed as follows:
 - (a) While holding container down, pull on tailcone deployment lanyard to release toggle pins at walkway clips.
 - (b) Pull deployment lanyard tab forward, separating velcro tape and snap button from container.
 - (c) Stow harness in accessory compartment for installation.

WJE ALL

- (6) Carefully lift forward side of container and disconnect slide deployment strap from top of slide pack; then, tilt container aft, disengage hinge halves, and remove container from container base plate on walkway.
- (7) Carefully lift forward side and roll slide aft to expose girt bar.
- (8) Carefully remove girt bar from walkway latches (fittings) and on B.F. Goodrich slide only, remove firing lanyard loop from girt bar. On Goodrich/PICO slide, disconnect bolt fitting from firing lanyard and remove lanyard from tab on girt. On Air Cruisers slide, disconnect retaining ring from firing lanyard and remove lanyard from tab on girt.
- (9) Disconnect slide aft attachment hold-down straps from double D-ring straps on walkway sill.
- (10) Support slide pack and girt bar, and lift slide from walkway position.
- (11) If applicable, install band-type cover (stowed in inspection record card pocket) around slide valise center velcro strip; then, transfer card from side pocket on container to pocket on slide pack.

WJE 405-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893

- (12) If required, check lighting system for illuminated slide.

WJE ALL

- (13) Prepare slide for shipment as required.

B. Install Slide

- (1) Prior to installing slide, check slide for the following items:
 - (a) Check slide valise Velcro/snap patch for general condition and security.
 - (b) Check Velcro tabs on deployment lanyard for general condition and security.
 - (c) If applicable, check tab snap button on slide container for general condition and security.
 - (d) Remove and replace Velcro that shows signs of any discoloration and/or contamination with foreign debris (dust, lint, skydrol, oil, etc.).
- (2) Check that slide stowage envelope dimensions do not exceed appropriate vendor's maximum dimensions shown. (Figure 201 or Figure 202 or Figure 203)
- (3) Check that slide pressure gage is within operational (green band) limits.

WJE 405-411, 880, 881, 883, 884

- (4) Install clevis end of deployment lanyard in fitting on tailcone.

NOTE: Deployment lanyard is secured to tailcone fitting with a retainer pin, washer, and cotter pin.

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WJE 405-411, 880, 881, 883, 884; WITH SB 25-257, PROD CUT IN

- (5) Check that clevis end of deployment lanyard strap is installed in bracket on tailcone.

NOTE: Deployment lanyard strap is secured to tailcone bracket with a retainer pin, washer, and cotter pin.

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-881, 883, 884, 891

- (6) Check that clevis end of deployment lanyard strap in bracket on tailcone (on aircraft with conical tailcone) or to small loop of Kevlar cable in tailcone (on aircraft with low drag tailcone).

NOTE: Deployment lanyard strap is secured to tailcone bracket Kevlar cable with a retainer pin, washer, and cotter pin.

WJE ALL

- (7) Check that clevis end of deployment lanyard strap is installed on small loop of Kevlar cable in tailcone.

NOTE: Deployment lanyard strap is secured to Kevlar cable with a retainer pin, washer, and cotter pin.

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871-879, 886, 887, 891-893

- (8) Place slide pack on container base plate (on walkway) with pressure gage facing forward and girt on under side of pack.
(9) Transfer inspection record card from pocket on slide pack to pocket on container. If applicable, remove band-type cover from around slide valise and stow cover in pocket on slide pack.

WJE ALL

- (10) With slide rotated up and aft approximately 60 degrees on walkway, carefully install automatic firing lanyard loop on B.F. Goodrich slide over end of girt bar (on Goodrich/PICO slide, install automatic lanyard forward through tab on girt and secure lanyard with nut/slotted bolt) (on Air Cruisers slide, install automatic lanyard forward through tab on girt and secure lanyard with retaining ring); then, install girt bar into walkway latches (fittings).

NOTE: Clearance between girt bar and latch base plate on walkway should be approximately 1/8 to 3/16 inch (3.175 to 4.763 mm).

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871-879, 886, 887, 891-893

- (11) Connect slide aft attachment hold-down straps to double D-ring straps on walkway sill. Free end of each strap must extend through D-ring 1 (± 0.25) inch (25.4 (± 6.35) mm).

WJE 405-411, 880, 881, 883, 884

- (12) Connect aft straps to double D-ring straps on walkway sill.

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871-879, 886, 887, 891-893

- (13) Carefully pull slide forward as far as aft hold-down straps allow.
(14) Position container 90 degrees from aft edge of container base plate on walkway and engage hinge halves.

WJE 401-412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-881, 883, 884, 891

- (15) Attach slide pack deployment strap inside container to slide pack valise as follows:
(a) If using wye-type deployment strap, connect strap ends to double "D" rings on slide pack valise.

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WJE 401-412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-881, 883, 884, 891 (Continued)

WARNING: MAKE SURE SNAP BUTTON AND VELCRO TAPE ARE FULLY ENGAGED. IF SNAP BUTTON AND VELCRO TAPE ARE NOT FULLY ENGAGED, TAILCONE SLIDE MAY NOT AUTOMATICALLY DEPLOY AND INFLATE.

- (b) If using single-type deployment strap, engage snap button on strap to snap button on slide pack valise (making sure snap is fully engaged); then, press down on snap to engage velcro on valise.

WJE 410, 873, 874, 886, 887, 892, 893

- (16) Attach slide pack deployment strap inside container to slide pack valise as follows:
 - (a) If using wye-type deployment strap, connect strap ends to double "D" rings on slide pack valise.
 - (b) If using single-type deployment strap, engage snap button on strap to snap button on slide pack valise (making sure snap is fully engaged); then, press down on snap to engage velcro on valise.

WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871-879, 886, 887, 891-893

- (17) Rotate container forward to closed position while positioning slide pack aft under container; then, feed manual deployment strap through slot on forward face of container. Using hand mirror and flashlight, check hinge engagement on aft side of container.
- (18) Position container deployment harness over top of container but do not secure to container and walkway at this time.
- (19) Check that pressure gage is visible in viewing window on container.

WARNING: TO ASSURE PROPER OPERATION OF DEPLOYMENT LANYARD, MAKE CERTAIN THAT FORWARD ATTACHMENT STRAP IS UNTWISTED WHEN INSTALLED.

- (20) On container forward hold-down straps, install deployment lanyard latch toggle pins into strap latches. Make certain that forward attachment strap is untwisted when installed as shown in view "B". (Figure 202 or Figure 203)
- (21) Mate forward hold-down strap latches (clips) with walkway mounted latches (clips).
- (22) Cinch down forward hold-down straps until container is held securely in place.
- (23) Feed manual deployment strap through deployment lanyard release ring.

WARNING: MAKE SURE SNAP BUTTON AND VELCRO TAPE ARE FULLY ENGAGED. IF SNAP BUTTON AND VELCRO TAPE ARE NOT FULLY ENGAGED, TAILCONE SLIDE MAY NOT AUTOMATICALLY DEPLOY AND INFLATE.

- (24) Mate snap button on deployment lanyard to snap button on slide container. (While holding velcro pile away from slide container, rotate deployment lanyard snap button at least 90 degrees both clockwise and counterclockwise to test for positive engagement. If snap remains attached, positive engagement is assured.) Press down firmly to engage deployment lanyard tab velcro to slide container, arrow on tab should point aft.
- (25) Secure tailcone deployment lanyard to velcro on top of container.
- (26) On forward hold-down straps, install deployment lanyard latch toggle into latch half on strap.
- (27) Mate forward hold-down strap latch half (clip) with walkway mounted latch half (clip).

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WJE 401-404, 412, 414-427, 429, 861-866, 868, 869, 871-879, 886, 887, 891-893 (Continued)

WARNING: DO NOT USE MECHANICAL DEVICES TO ASSIST IN CINCHING OPERATION. OVER-CINCHING WILL RESULT IN CHANGE TO SLIDE PACK SHAPE, RELOCATION OF PRESSURE GAGE, AND CAUSE VELCRO CLOSURE TAPE ON SLIDE CONTAINER TO OPEN.

(28) Cinch down aft hold-down straps until slide pack is held securely in place. Do not over-cinch.

WARNING: MAKE SURE SNAP BUTTON AND VELCRO TAPE ARE FULLY ENGAGED. IF SNAP BUTTON AND VELCRO TAPE ARE NOT FULLY ENGAGED, TAILCONE SLIDE MAY NOT AUTOMATICALLY DEPLOY AND INFLATE.

(29) Mate velcro and snap button on deployment lanyard tab. Press down firmly to engage velcro and snap button. Arrow on tag should point aft.

(30) Secure deployment (tailcone) lanyard to grommet on velcro tab with nylon twist tie as shown. (Figure 202 or Figure 203)

WJE ALL

WARNING: AFTER YOU INSTALL AN ESCAPE SLIDE AND BEFORE YOU DISPATCH AN AIRCRAFT EQUIPPED WITH AN INFLATION VALVE LOCKING PIN, REMOVE THE PIN AND ITS ATTACHED WARNING FLAG FROM THE INFLATION VALVE AND STOW IT IN THE POUCH PROVIDED. THIS WILL HELP PREVENT INJURY TO PERSONNEL AND DAMAGE TO EQUIPMENT.

(31) Remove locking pin from slide inflation valve, as required.

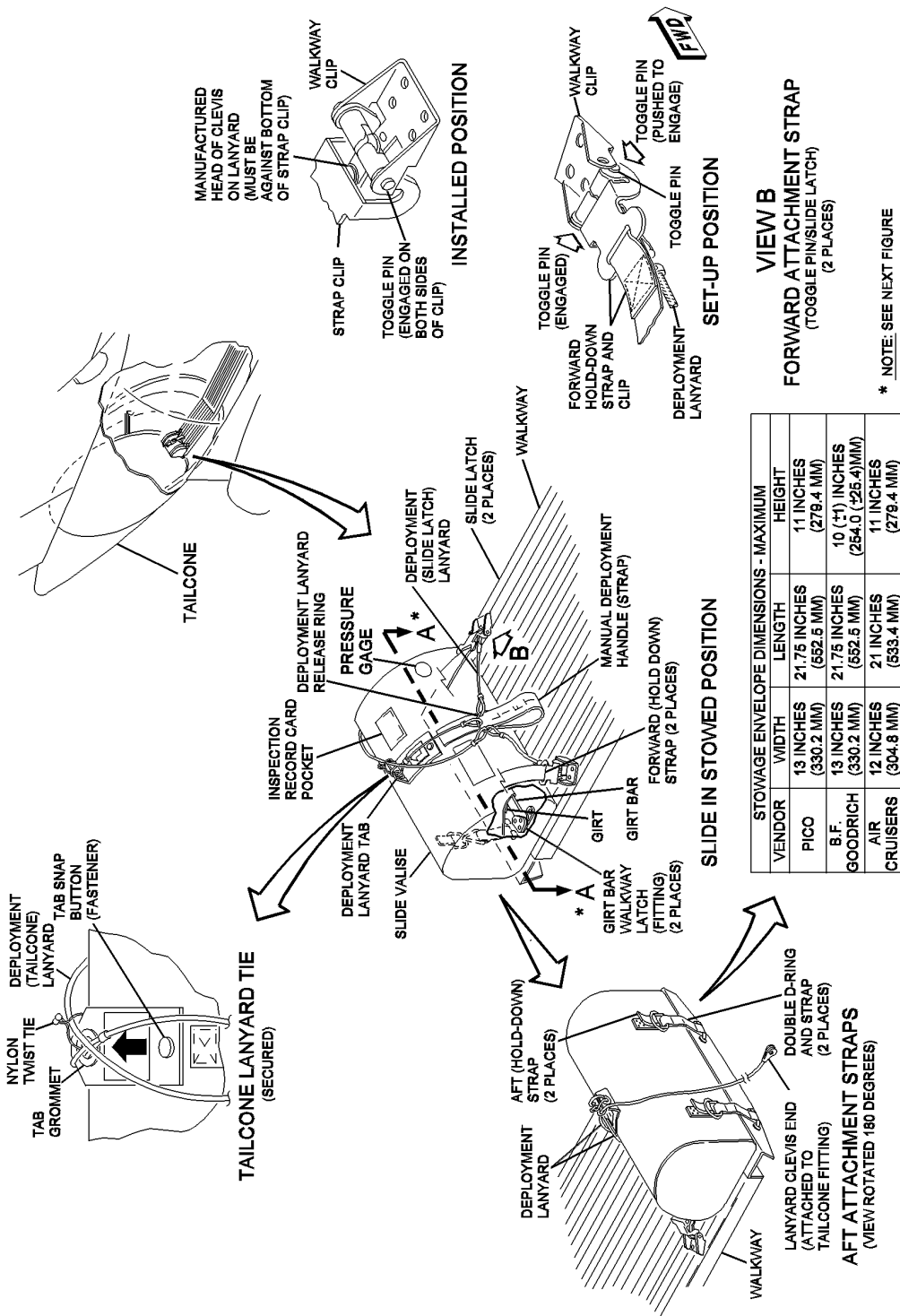
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Aft Evacuation Slide -- Installation (Typical)
Figure 201/25-62-01-990-814

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WJE 405-411, 880, 881, 883, 884; WITHOUT SB 25-257 INCORP.

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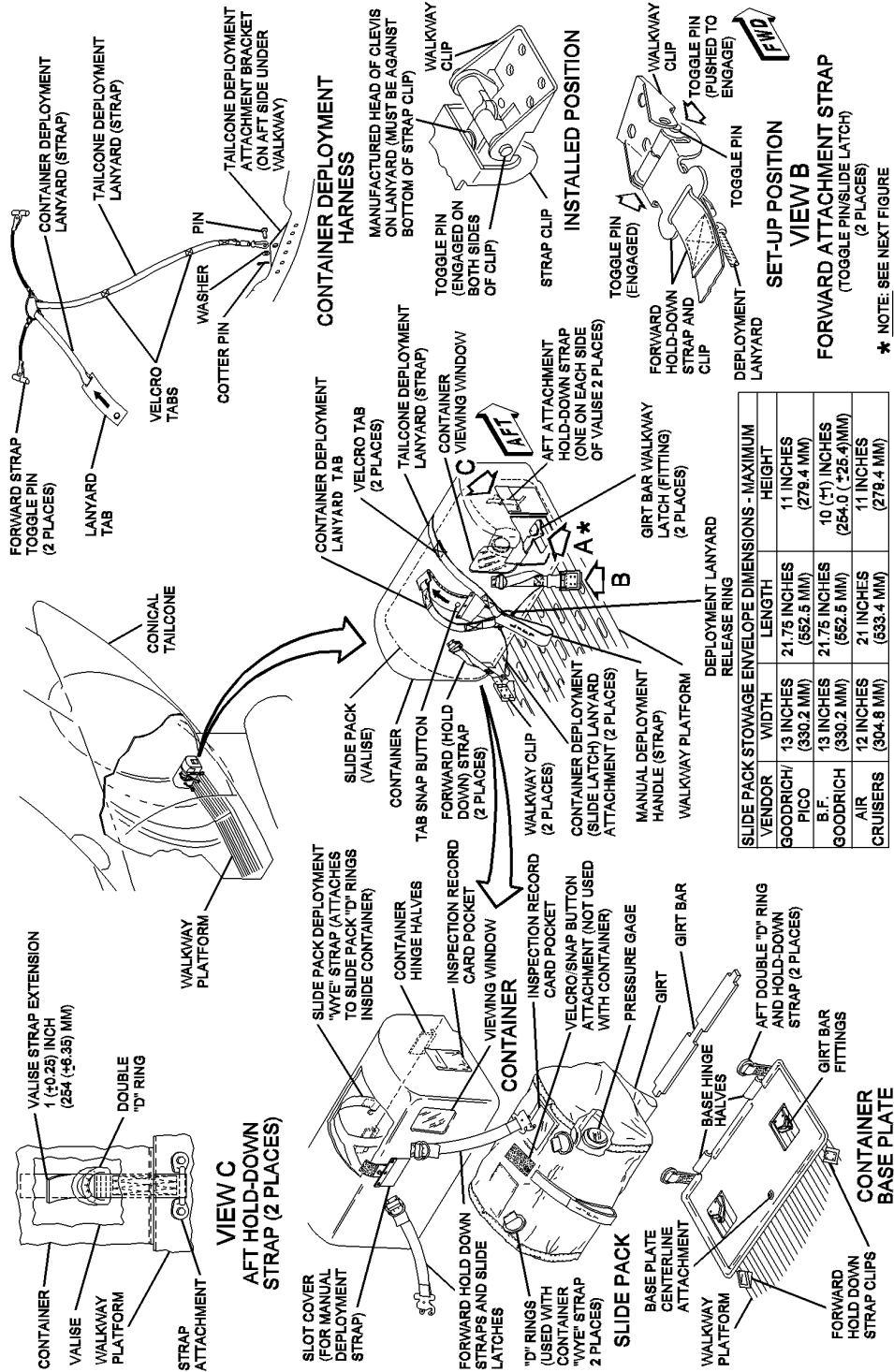
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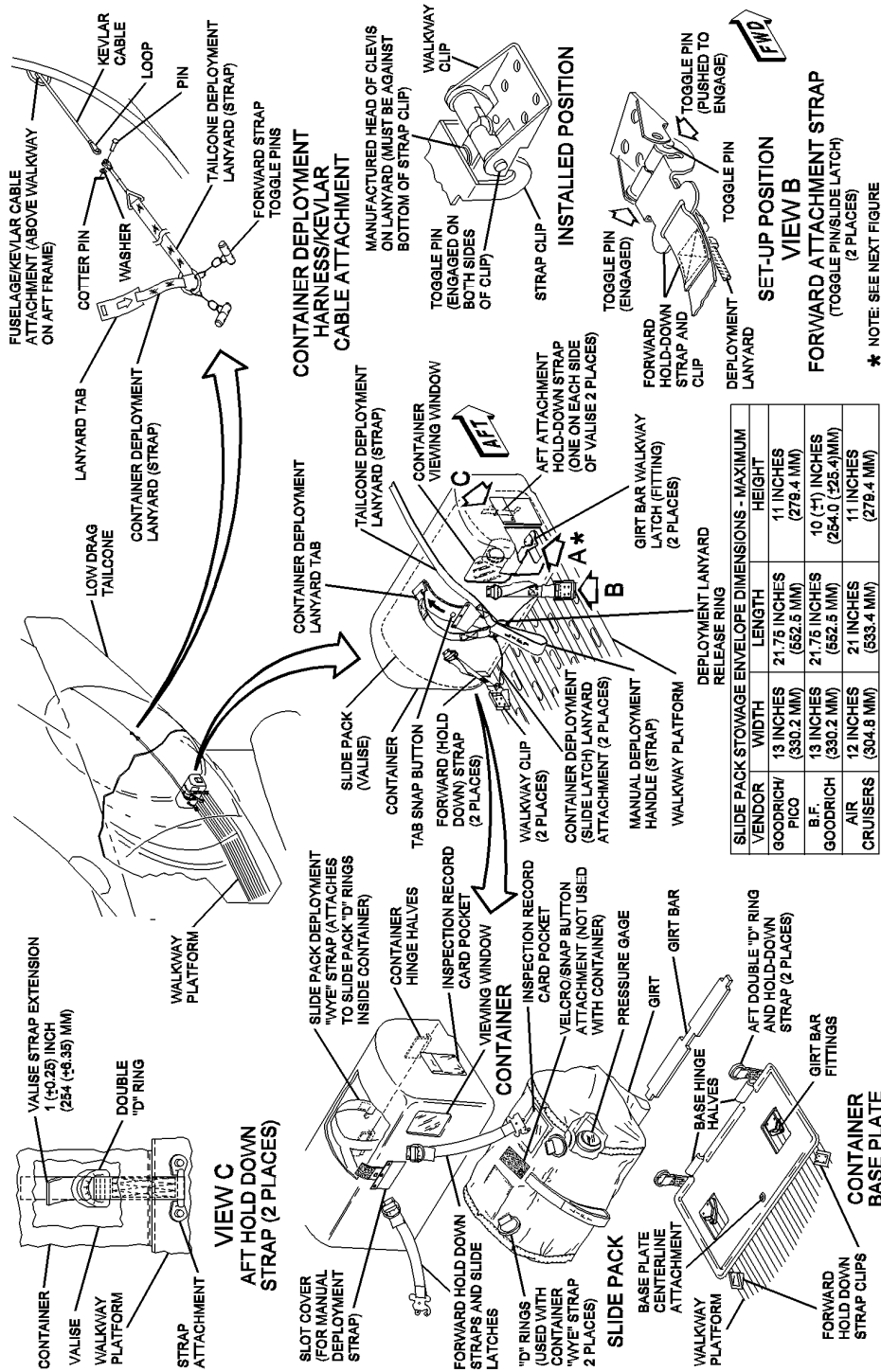
**Aft Evacuation Slide and Container -- Installation (Typical Conical Tailcone)
Figure 202/25-62-01-990-801**

BBB2-25-232L
S0000147541V1

EFFECTIVITY
WJE 401-412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-881, 883, 884, 891; WITH SB 25-257 INCORP. OR INSTALLED IN PRODUCTION

25-62-01

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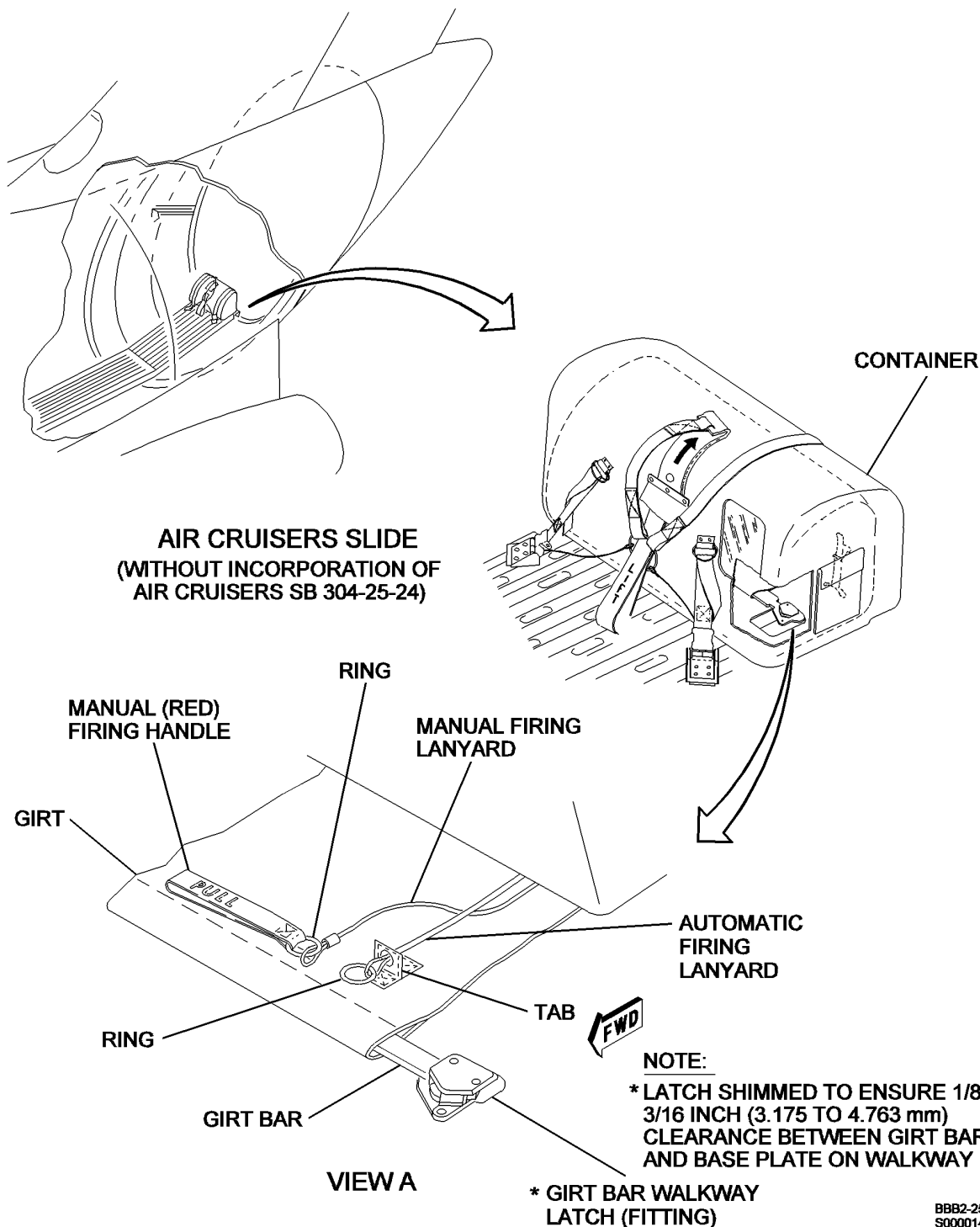


Aft Evacuation Slide and Container -- Installation (Typical Low Drag Tailcone)
Figure 203/25-62-01-990-808

EFFECTIVITY
WJE ALL

25-62-01

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**Firing (Inflation) Lanyard (Air Cruisers Slide)
Figure 204/25-62-01-990-810 (Sheet 1 of 4)**

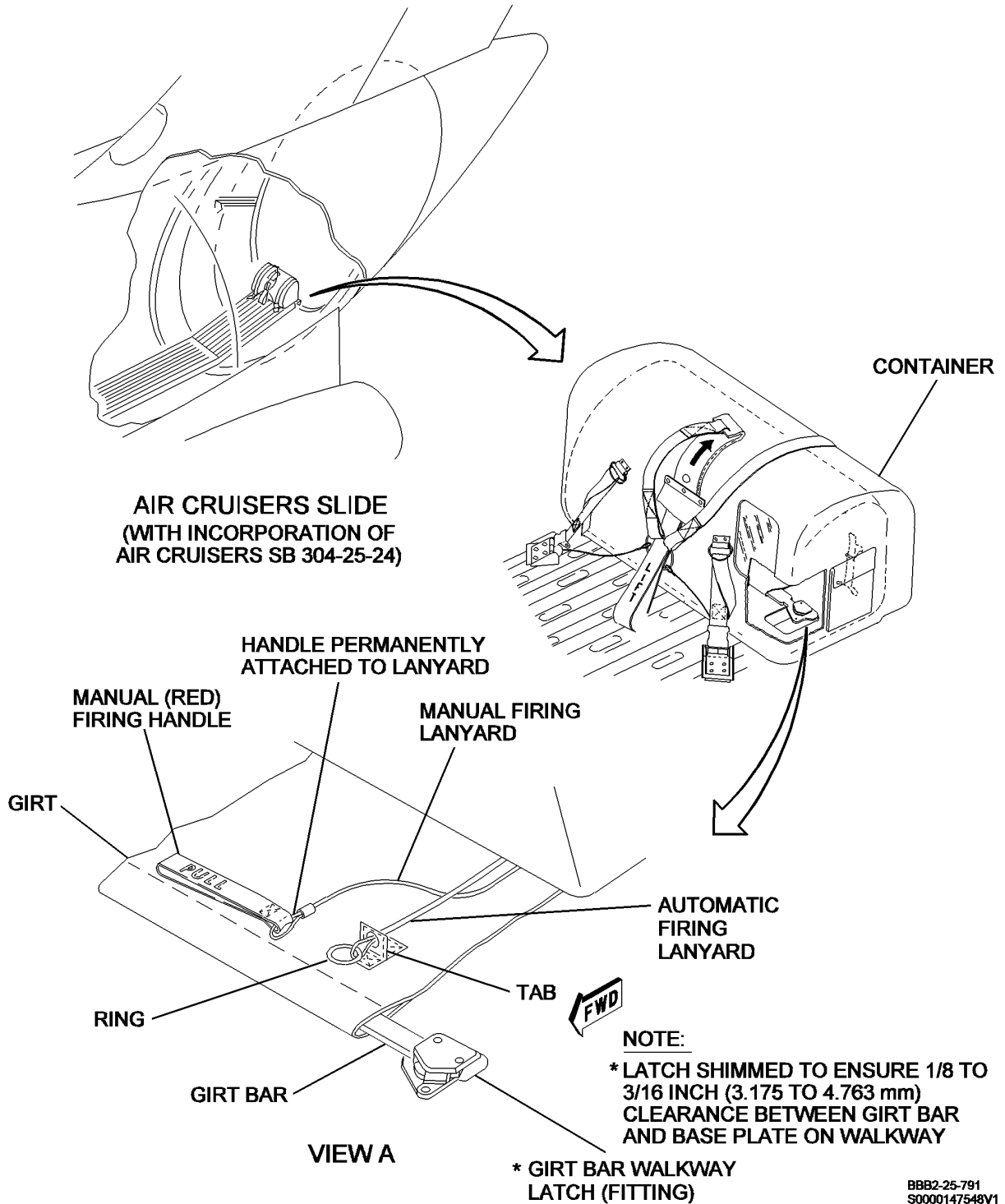
EFFECTIVITY
WJE ALL

25-62-01

TP-80MM-WJE

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**Firing (Inflation) Lanyard (Air Cruisers Slide)
Figure 204/25-62-01-990-810 (Sheet 2 of 4)**

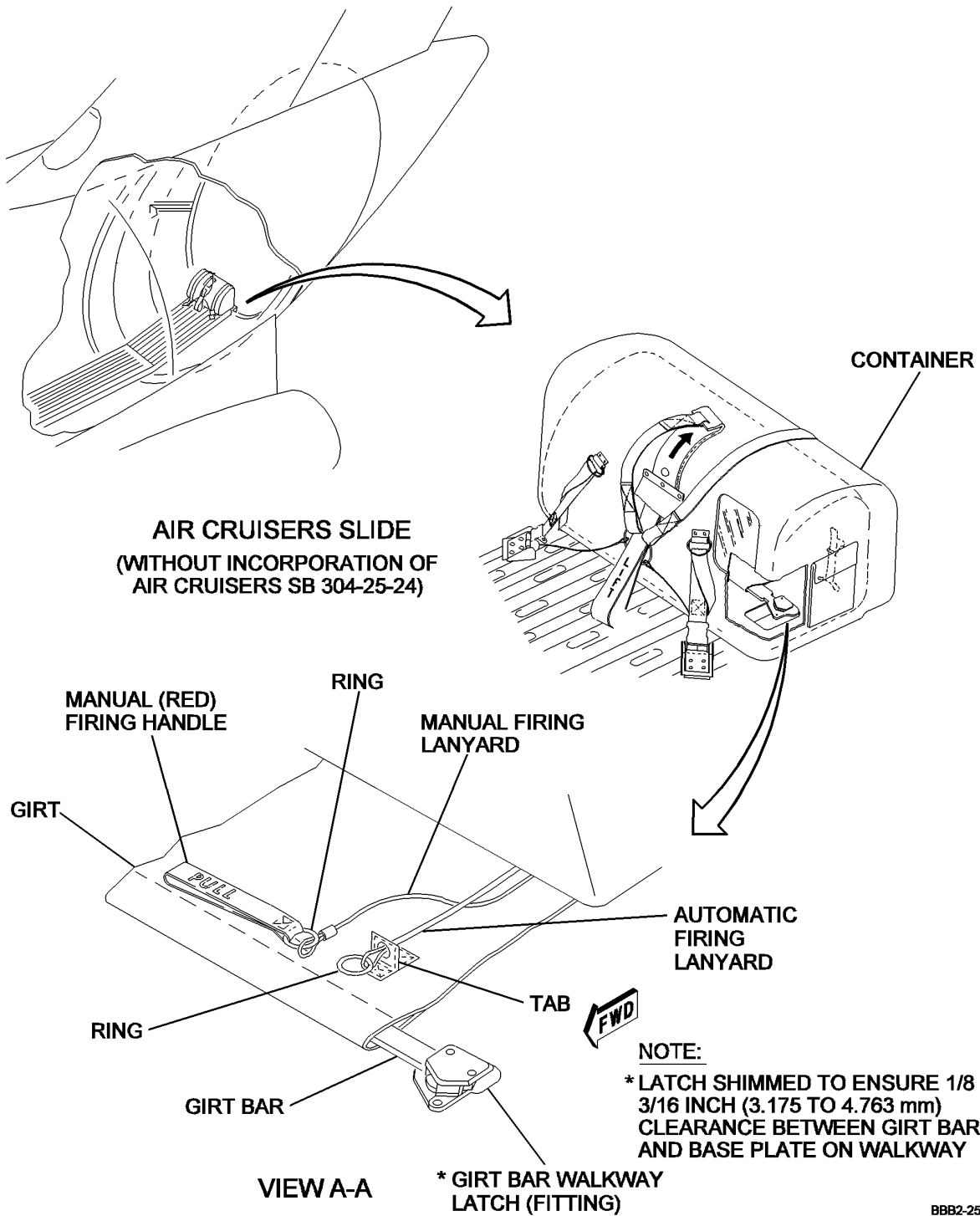
EFFECTIVITY
WJE ALL

25-62-01

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Firing (Inflation) Lanyard (Air Cruisers Slide)
Figure 204/25-62-01-990-810 (Sheet 3 of 4)

BBB2-25-792
S0000147545V1

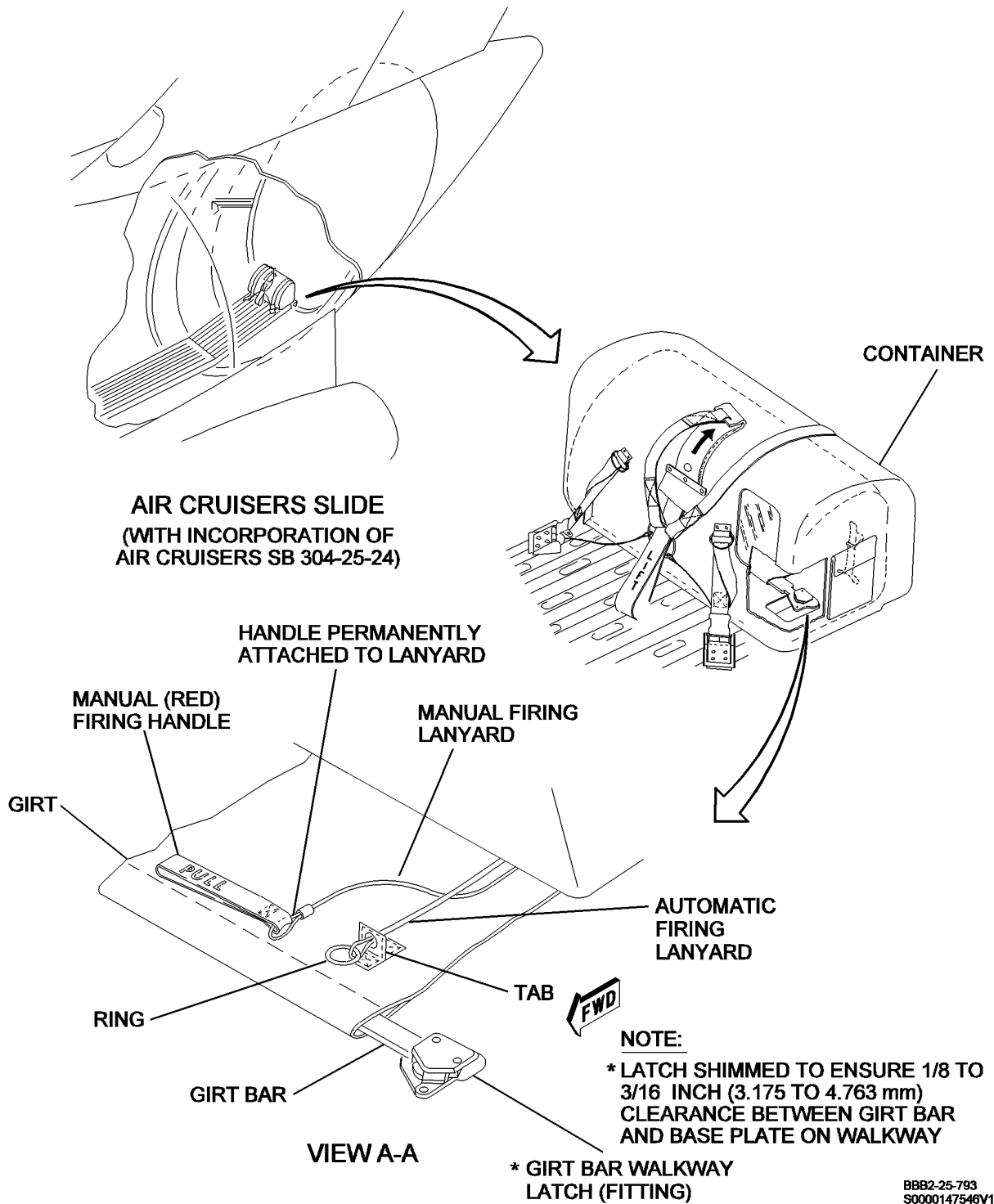
EFFECTIVITY
WJE 405-411, 880, 881, 883, 884; WITHOUT SB
25-257 INCORP.

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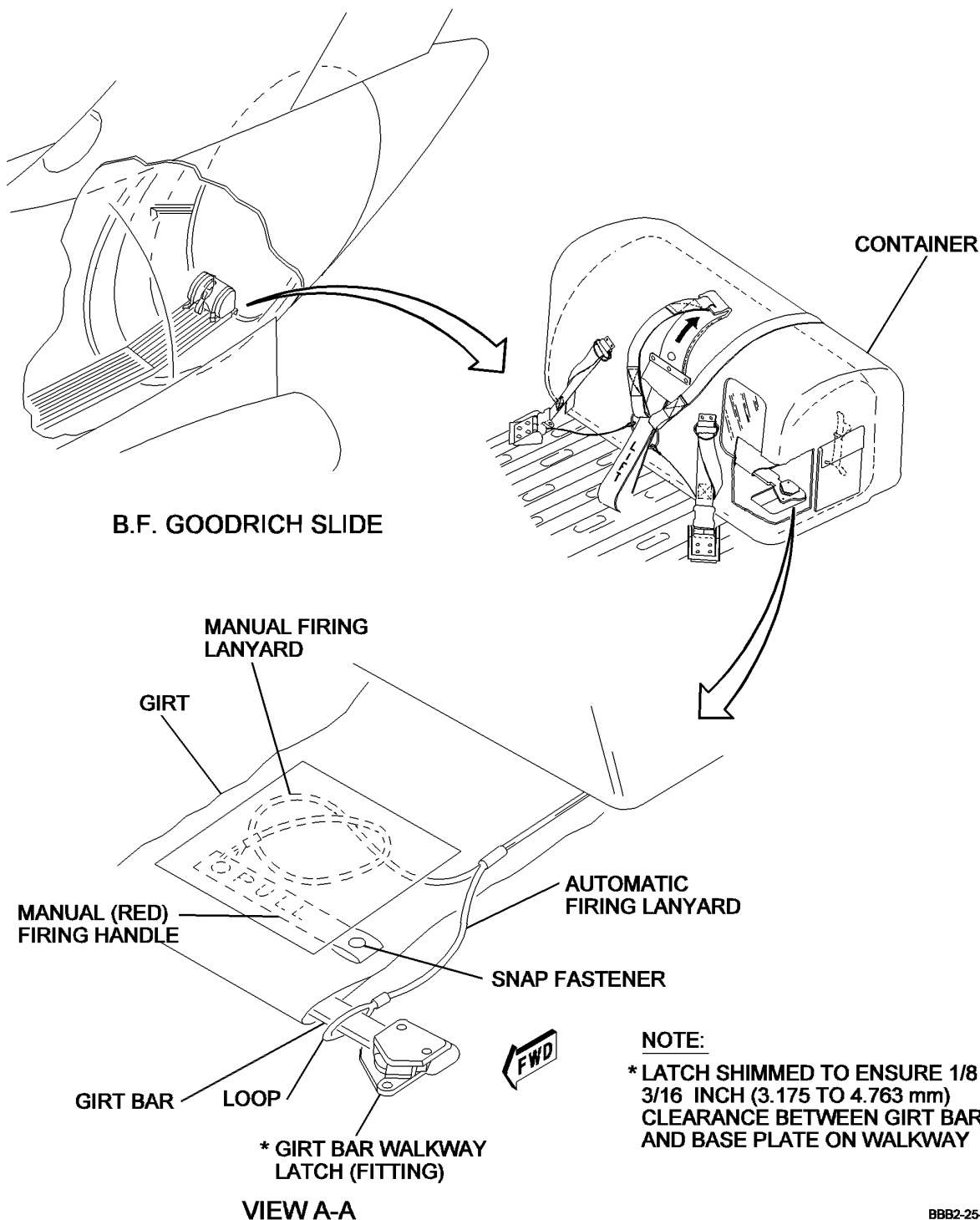


**Firing (Inflation) Lanyard (Air Cruisers Slide)
Figure 204/25-62-01-990-810 (Sheet 4 of 4)**

EFFECTIVITY
WJE 405-411, 880, 881, 883, 884; WITHOUT SB
25-257 INCORP.

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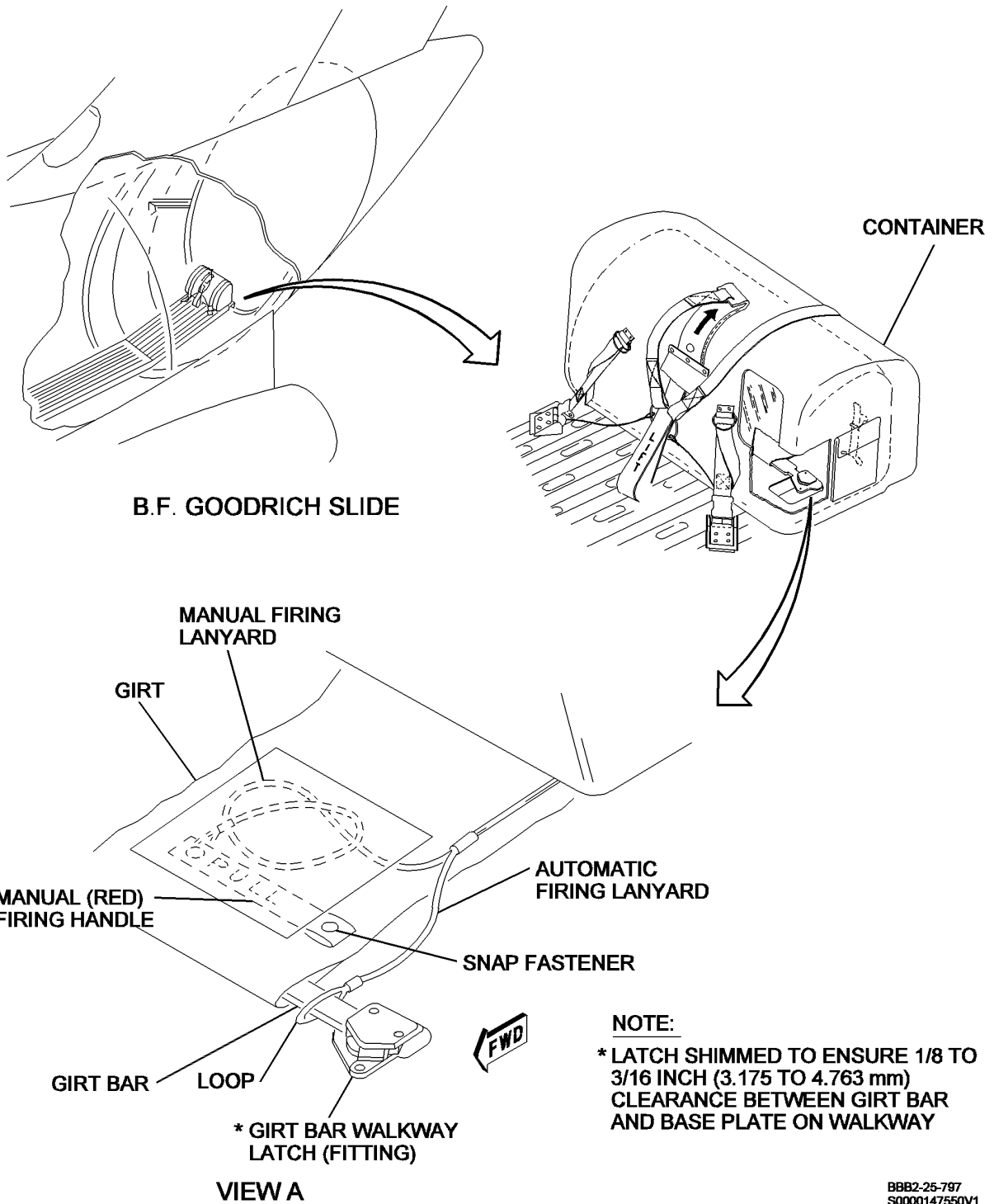
BBB2-25-794
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Firing (Inflation) Lanyard (B.F. Goodrich Slide)
Figure 205/25-62-01-990-811 (Sheet 1 of 2)

EFFECTIVITY
WJE 405-411, 880, 881, 883, 884; WITHOUT SB
25-257 INCORP.

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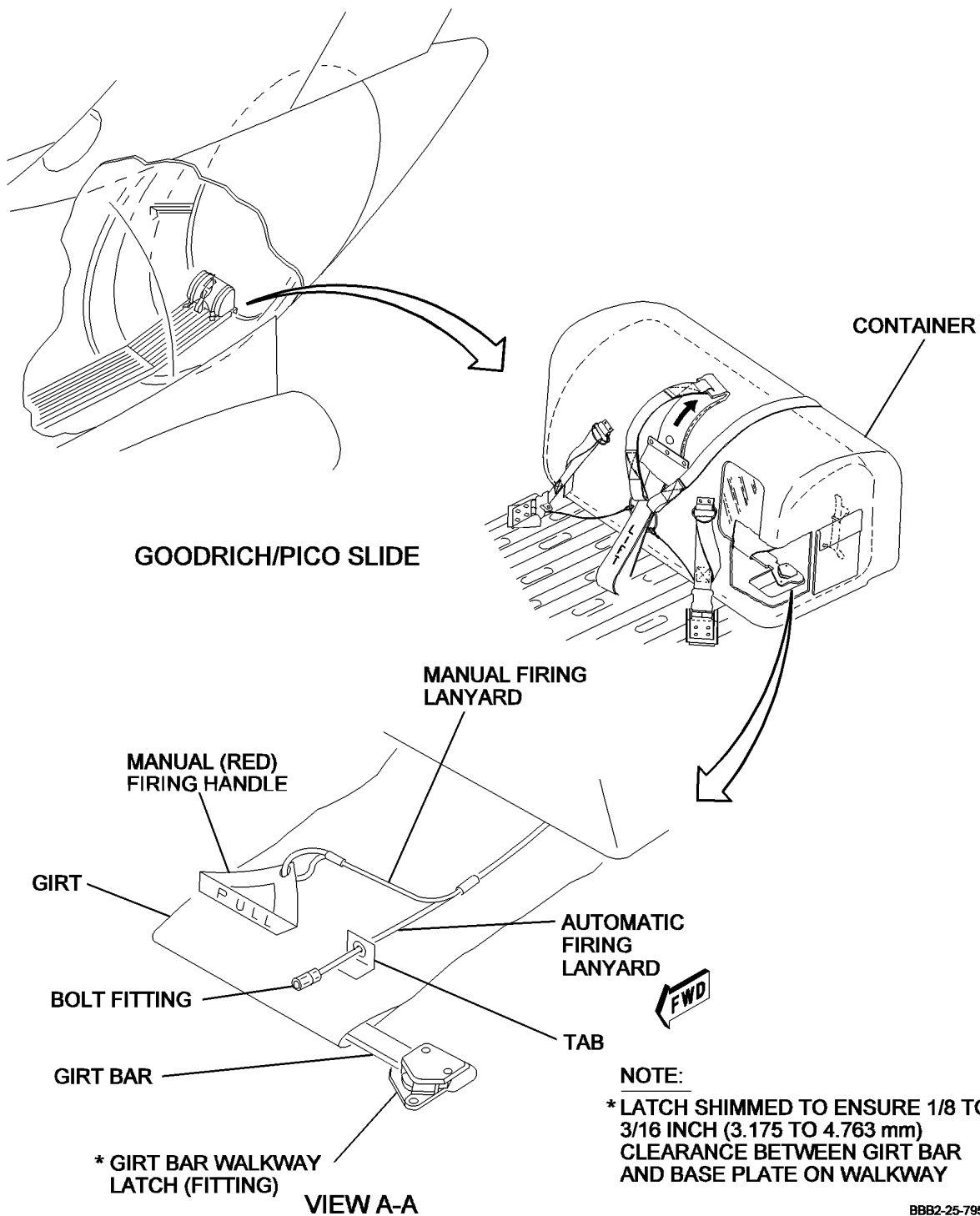


Firing (Inflation) Lanyard (B.F. Goodrich Slide)
Figure 205/25-62-01-990-811 (Sheet 2 of 2)

EFFECTIVITY
WJE ALL

25-62-01

**MD-80
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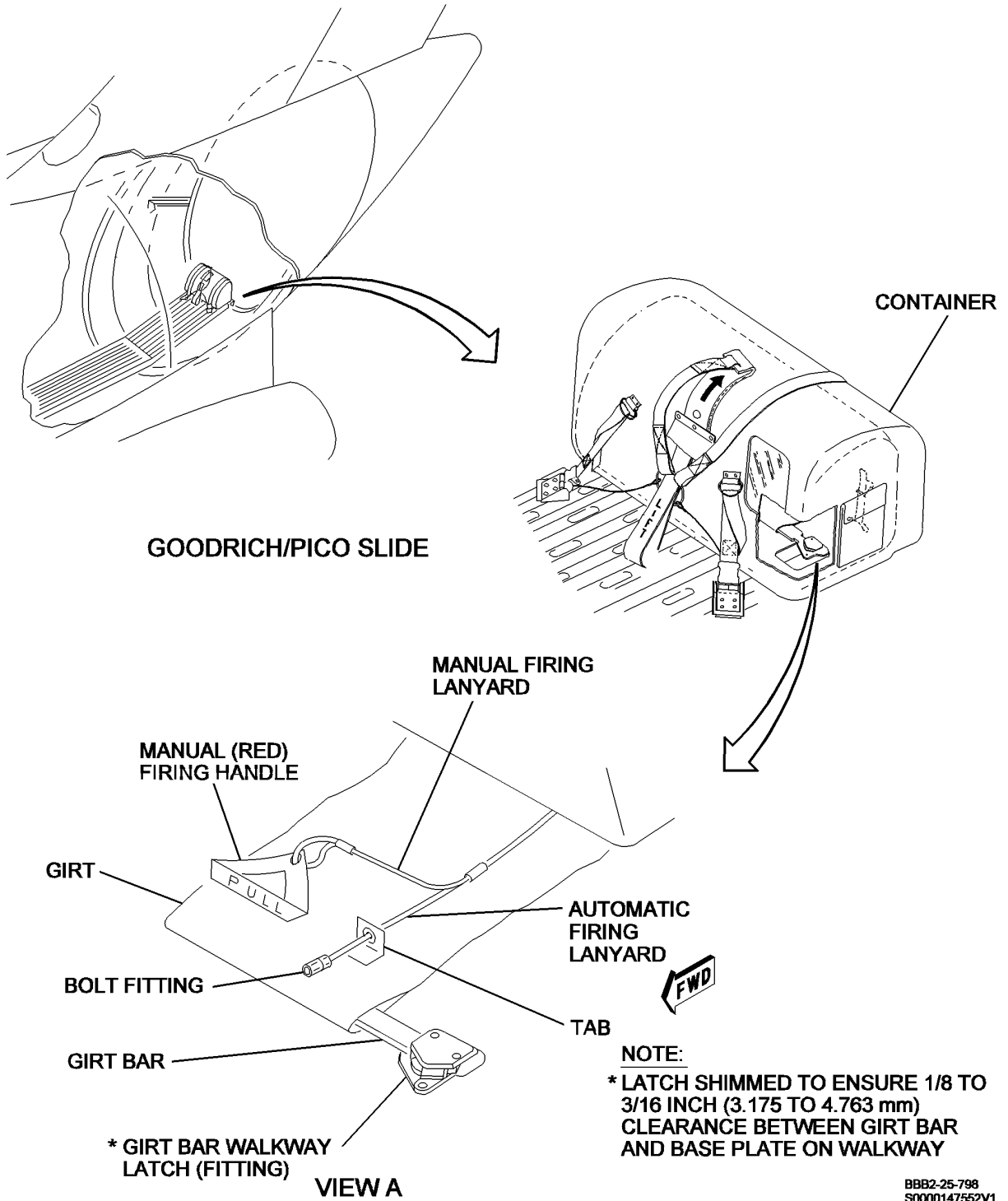
BBB2-25-795
S0000147551V1

**Firing (Inflation) Lanyard (Goodrich/Pico Slide)
Figure 206/25-62-01-990-812 (Sheet 1 of 2)**

EFFECTIVITY
WJE 405-411, 880, 881, 883, 884; WITHOUT SB
25-257 INCORP.

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**MD-80
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Firing (Inflation) Lanyard (Goodrich/Pico Slide)
Figure 206/25-62-01-990-812 (Sheet 2 of 2)

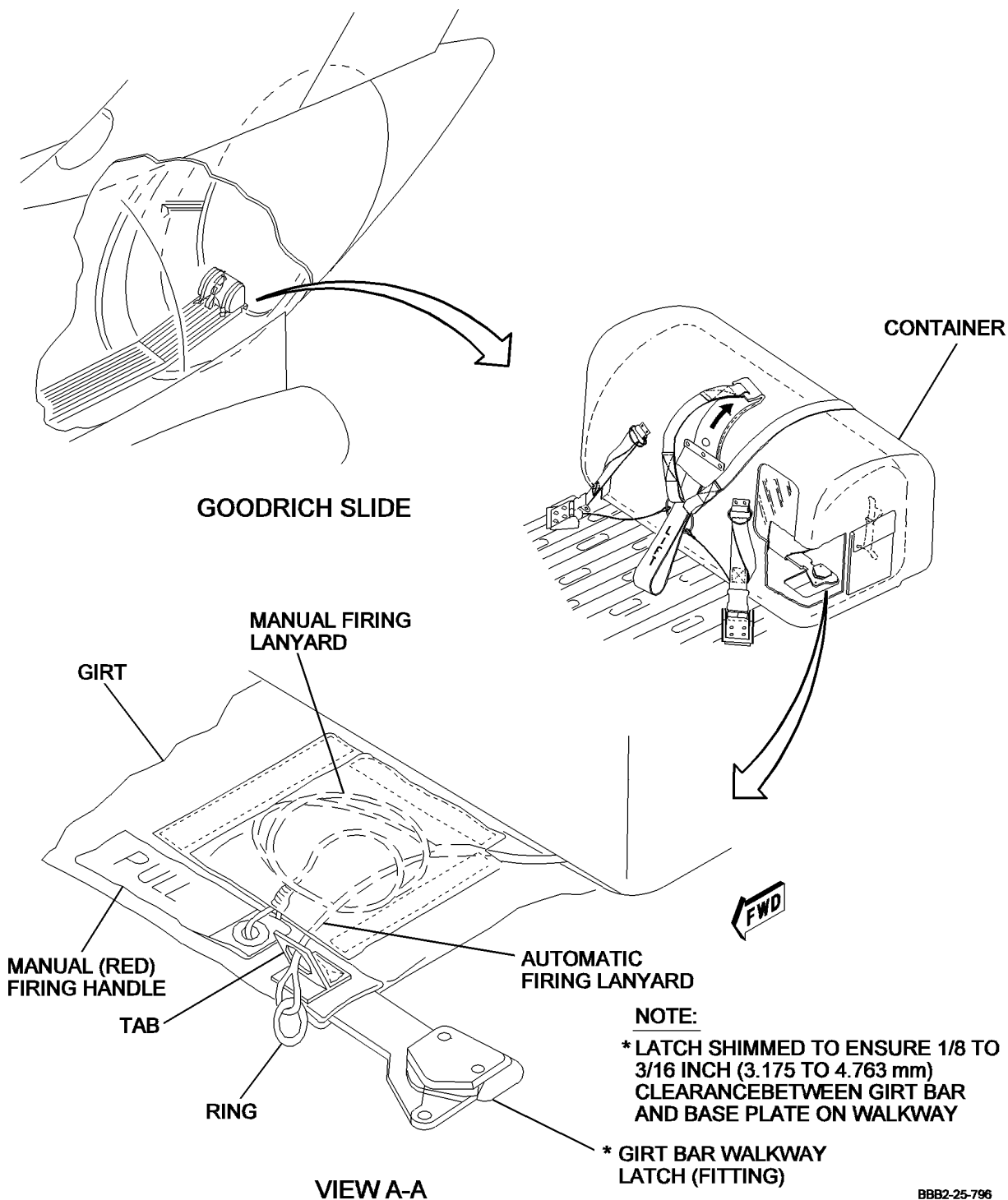
EFFECTIVITY
WJE ALL

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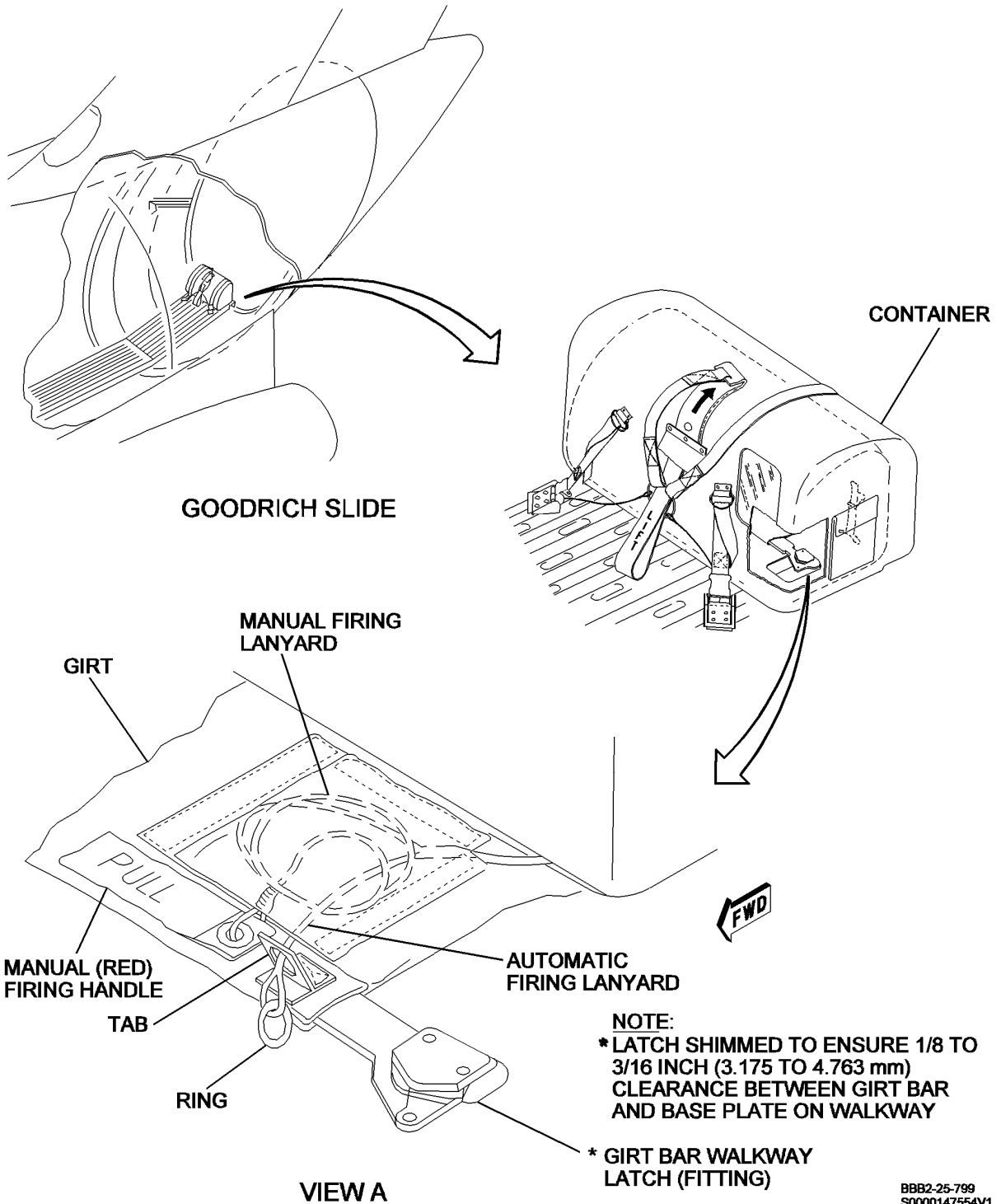
BBB2-25-796
S0000147553V1

**Firing (Inflation) Lanyard (Goodrich Slide)
Figure 207/25-62-01-990-813 (Sheet 1 of 2)**

EFFECTIVITY
WJE 405-411, 880, 881, 883, 884; WITHOUT SB
25-257 INCORP.

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BBB2-25-799
S0000147554V1

**Firing (Inflation) Lanyard (Goodrich Slide)
Figure 207/25-62-01-990-813 (Sheet 2 of 2)**

EFFECTIVITY
WJE ALL

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AFT EVACUATION SLIDE - REMOVAL/INSTALLATION

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-62-01-902-801

2. Restoration of the Aft Evacuation Slide

NOTE: This procedure is a scheduled maintenance task.

A. References

Reference	Title
25-62-01 P/B 201	AFT EVACUATION SLIDE - MAINTENANCE PRACTICES

B. Aft Evacuation Slide Restoration

SUBTASK 25-62-01-020-001

(1) Remove the evacuation slide. (AFT EVACUATION SLIDE - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-01/201)

SUBTASK 25-62-01-510-001

(2) Route the evacuation slide to shop for restoration.

SUBTASK 25-62-01-420-001

(3) Install serviceable evacuation slide. (AFT EVACUATION SLIDE - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-01/201)

C. Job Close-up

SUBTASK 25-62-01-942-002

(1) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

TASK 25-62-01-901-801

3. Discard the Aft Evacuation Slide Bottle

NOTE: This procedure is a scheduled maintenance task.

A. References

Reference	Title
25-62-01 P/B 201	AFT EVACUATION SLIDE - MAINTENANCE PRACTICES

B. Aft Evacuation Slide Bottle Discard

SUBTASK 25-62-01-020-002

(1) Remove the evacuation slide. (AFT EVACUATION SLIDE - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-01/201)

SUBTASK 25-62-01-510-002

(2) Route the evacuation slide to shop to discard the bottle.

SUBTASK 25-62-01-420-002

(3) Install serviceable evacuation slide. (AFT EVACUATION SLIDE - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-01/201)

<p>EFFECTIVITY WJE ALL</p>	
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C. Job Close-up

SUBTASK 25-62-01-942-003

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

———— **END OF TASK** ————

EFFECTIVITY
WJE ALL

TP-80MM-WJE

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AIRCRAFT MAINTENANCE MANUAL
AFT EVACUATION SLIDE - INSPECTION/CHECK

1. General

- A. This procedure contains MSG-3 task card data.

TASK 25-62-01-212-801

2. Visual Check of the Aft Evacuation Slide for Proper Pressure

A. Evacuation Slide Bottle Proper Pressure Visual Check

SUBTASK 25-62-01-212-001

- (1) Check that slide pressure gage is within operational (green band) limits.

B. Job Close-up

SUBTASK 25-62-01-942-001

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

TASK 25-62-01-211-801

3. Detailed Inspection of Velcro (Hook and Pile) Tabs and Deployment Lanyard on Tailcone Evacuation Slide Valise and Container System

A. Detailed Inspection of Velcro (Hook and Pile) Tabs and Deployment Lanyard on Tailcone Evacuation Slide Valise and Container System

SUBTASK 25-62-01-211-001

- (1)

Do a detailed inspection for the general condition of the tailcone evacuation slide Velcro components:

- (a) Check slide valise Velcro/snap patch for general condition and security.
 - (b) Check Velcro tabs on deployment lanyard for general condition and security.
 - (c) If applicable, check tab snap button on slide container for general condition and security.
 - (d) Remove and replace Velcro that shows signs of any discoloration and/or contamination with foreign debris (dust, lint, skydrol, oil, etc.).
- (2) Verify that the manual tailcone deployment strap on the evacuation slide valise has the appropriate instructional marking "LIFT" on both sides of the strap or no instructional marking. The word "PULL" on the manual tailcone deployment strap is not acceptable. Contact vendor for information if the word "PULL" is found on the manual tailcone deployment strap.
- (a)

————— **END OF TASK** —————

EFFECTIVITY
WJE ALL

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LIFE RAFT STOWAGE - MAINTENANCE PRACTICES

1. General

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 892, 893

- A. This section provides instructions for removal and installation of life rafts stowed in ceiling compartments. A check is also provided to determine probable heat damage to life rafts stowed below the air-conditioning duct in the ceiling. Paragraph 4.).

For removal and installation of life raft compartments in the passenger compartment ceiling, refer to: LIFE RAFT COMPARTMENT - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-03/201

WJE 886, 887

- B. This section provides instructions for removal and installation of the four 46-man life rafts stowed in modified overhead sidewall stowage compartments on each side of the passenger cabin.

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 892, 893

2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed items:

NOTE: Some materials in the Equipment and Materials list may not be permitted to be used in your location. Persons in each location must make sure they are permitted to use these materials. All persons must obey all applicable federal, state, local, and provincial regulations for their location.

Table 201

Name and Number	Manufacturer
Recorder, Temp-Plate (Temperature Tab), No. 240	William Wahl Corp., Los Angeles, Calif.

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 886, 887, 892, 893

3. Removal/Installation Life Raft

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 892, 893

A. Remove Life Raft

- (1) Check that area under life raft compartment is clear of personnel.

WARNING: LIFE RAFT COMPARTMENT DOOR WITH LIFE RAFT INSTALLED WEIGHS APPROXIMATELY 107 POUNDS (49 KG).

- (2) Pull latch lever on forward or aft end of life raft compartment to open compartment door. Release lever.

NOTE: Opening compartment door will swing down and outboard (as door latches are disengaged) when latch lever is pulled.

- (3) Using handle straps on life raft, remove raft from retaining lip on inboard side of compartment door.

NOTE: Compartment door will automatically swing up and inboard when weight of life raft is removed from door.

- (4) Remove life raft from aircraft.

B. Install Life Raft

- (1) Pull and hold life raft compartment door in down (full open) position.

EFFECTIVITY

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 886, 887, 892, 893

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WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 892, 893 (Continued)

- (2) Using handle straps on life raft, lift and install raft in retaining lip on compartment door.
NOTE: Make certain that life raft is properly positioned (with decals right side up) in door retaining lip.
- (3) Pull latch lever on forward or aft end of life raft compartment to disengage door latches. Do not release latch lever.

WARNING: LIFE RAFT COMPARTMENT DOOR WITH LIFE RAFT INSTALLED WEIGHS APPROXIMATELY 107 POUNDS (49KG).

- (4) Lift and hold compartment door against door latches.
- (5) Release latch lever and check that compartment door is secured in closed (full up) position.

WJE 886, 887

C. Remove Life Raft

- (1) Open door marked LIFE RAFT in overhead stowage compartment and secure compartment door in full-up position.
- (2) Unlatch retaining strap buckles from life raft in compartment.
- (3) Grasp blunt forward end of life raft and carefully remove raft from compartment.
- (4) If required, remove retaining straps from structure fittings. Retain and mark straps for upper or lower installation.

D. Install Life Raft

- (1) If removed, install life raft retaining straps to structure fittings inside stowage compartment as required.
- (2) Position upper and lower retaining straps (twist free) as follows:
 - (a) Fully extend lower straps with buckles inboard.
 - (b) Extend and secure upper straps to facilitate life raft installation.
 - 1) While holding buckle on upper strap, press strap velcro against velcro in ceiling of stowage compartment.
 - 2) Rotate buckle end of strap 180 degrees to engage velcro surface of buckle against velcro on compartment door (near hinge).
- (3) Lift, position, and install life raft in compartment with chamfered corner of raft facing aft and outboard.
- (4) Disconnect upper strap buckles from stowed position at hinges and connect buckles on retaining straps. Tighten straps as required and secure loose strap ends.
- (5) Close compartment door.

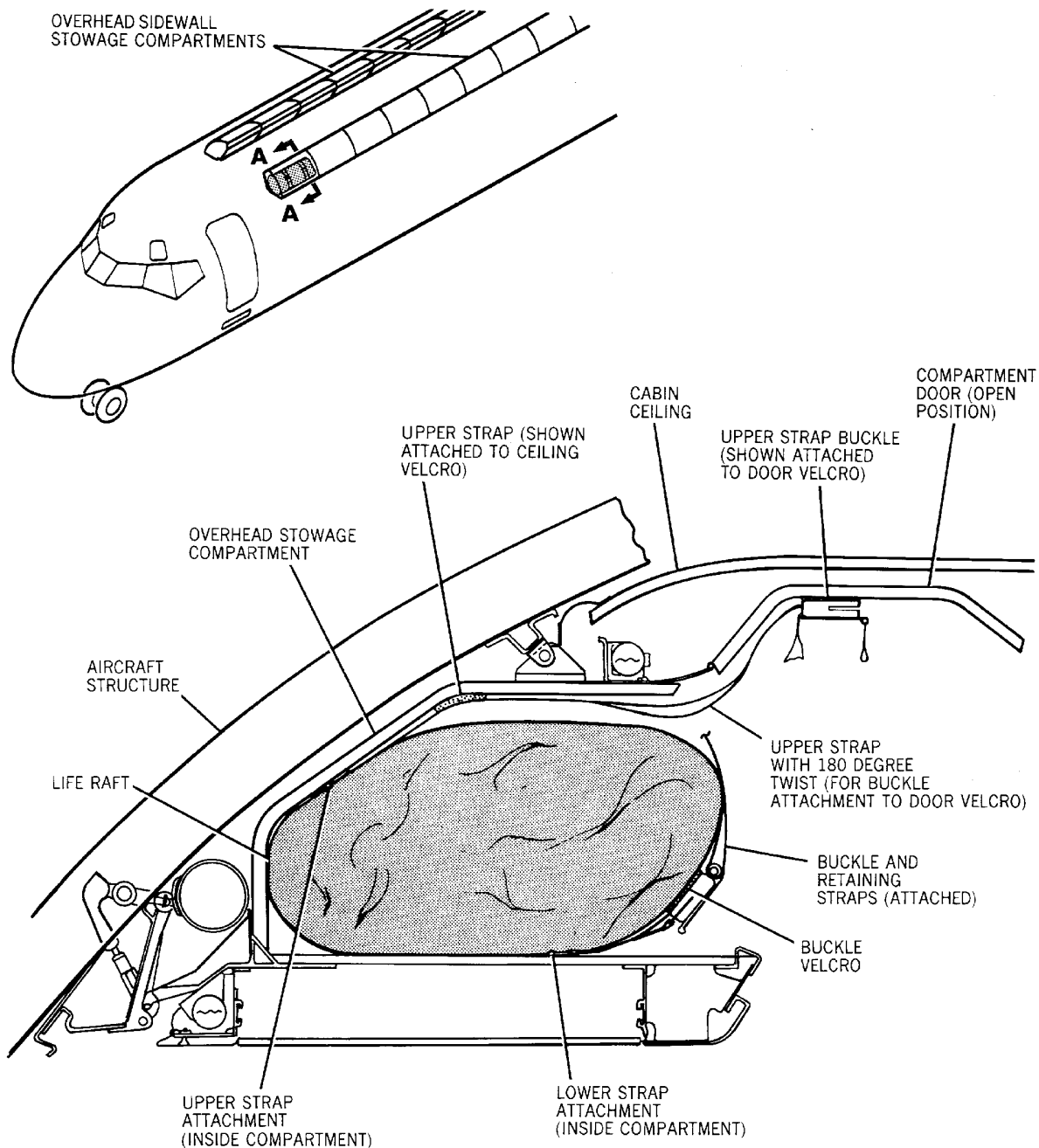
EFFECTIVITY

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883,
884, 886, 887, 892, 893

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SECTION A-A

LIFE RAFT ATTACHMENTS AND
OVERHEAD STOWAGE COMPARTMENT

BBB2-25-368

Life Raft Stowage -- Removal/Installation
Figure 201/25-62-02-990-801

EFFECTIVITY
WJE 886, 887

25-62-02

TP-80MM-WJE

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WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 892, 893

4. Check Life Raft Temperature Tabs

A. Check Temperature Tab

- (1) If sidewall tab indicates 160°F proceed as follows:
 - (a) Open and lower ceiling compartment door. (Paragraph 3.A.)
 - (b) Check ceiling temperature tab on air-conditioning duct.

WARNING: IF 160°F INDICATOR ON CEILING TEMPERATURE TAB IS BLACK, LIFE RAFT IS CONSIDERED UNUSABLE. LIFE RAFT MUST BE REMOVED AND CHECKED FOR TEMPERATURE DEGRADATION. OVER-WATER FLIGHTS ARE NOT PERMISSIBLE WITH POSSIBLE DAMAGE TO LIFE RAFT.

- (2) If ceiling tab indicates 160°F, proceed as follows:
 - (a) Remove life raft from ceiling compartment door. (Paragraph 3.A.)
 - (b) Check life raft for possible heat damage as required.
 - (c) Install approved life raft in ceiling compartment door. Paragraph 3.B.
 - (d) Discard temperature tabs and install new tabs (Wahl No. 240) at ceiling and sidewall locations.
 - (e) Close and secure life raft compartment door.

EFFECTIVITY

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883,
884, 886, 887, 892, 893

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LIFE RAFT STOWAGE - REMOVAL/INSTALLATION

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-62-02-902-801

2. Restoration of the Life Raft

NOTE: This procedure is a scheduled maintenance task.

A. References

Reference	Title
25-62-02 P/B 201	LIFE RAFT STOWAGE - MAINTENANCE PRACTICES

B. Life Raft Restoration

SUBTASK 25-62-02-020-001

(1) Remove the life raft. (LIFE RAFT STOWAGE - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-02/201)

SUBTASK 25-62-02-510-001

(2) Route the life raft to shop for restoration.

SUBTASK 25-62-02-420-001

(3) Install serviceable life raft. (LIFE RAFT STOWAGE - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-02/201)

C. Job Close-up

SUBTASK 25-62-02-942-002

(1) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

TASK 25-62-02-901-801

3. Discard Survival Kit Time Limited Parts

A. Survival Kit Time Limited Parts Discard

SUBTASK 25-62-02-020-002

(1) Remove the survival kit.

SUBTASK 25-62-02-510-002

(2) Route the survival kit to shop for restoration.

SUBTASK 25-62-02-420-002

(3) Install serviceable survival kit.

B. Job Close-up

SUBTASK 25-62-02-942-004

(1) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

TASK 25-62-02-901-802

4. Discard the Life Raft Bottle

NOTE: This procedure is a scheduled maintenance task.

<p>EFFECTIVITY WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 886, 887, 892, 893</p>

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A. References

Reference	Title
25-62-02 P/B 201	LIFE RAFT STOWAGE - MAINTENANCE PRACTICES

B. Life Raft Bottle Discard

SUBTASK 25-62-02-020-003

- (1) Remove the life raft. (LIFE RAFT STOWAGE - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-02/201)

SUBTASK 25-62-02-510-003

- (2) Route the life raft to shop to discard the bottle.

SUBTASK 25-62-02-420-003

- (3) Install serviceable life raft. (LIFE RAFT STOWAGE - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-02/201)

C. Job Close-up

SUBTASK 25-62-02-942-005

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

———— **END OF TASK** ————

EFFECTIVITY

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883,
884, 886, 887, 892, 893

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AIRCRAFT MAINTENANCE MANUAL
LIFE RAFT STOWAGE - INSPECTION/CHECK

1. General

- A. This procedure contains MSG-3 task card data.

TASK 25-62-02-212-801

2. Visual Check of the Life Raft Bottle for Proper Pressure

A. Prepare for Life Raft Bottle Proper Pressure Visual Check

SUBTASK 25-62-02-010-001

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 892, 893

- (1) Check that area under life raft compartment is clear of personnel.

WARNING: LIFE RAFT COMPARTMENT DOOR WITH LIFE RAFT INSTALLED WEIGHS APPROXIMATELY 107 POUNDS (49KG).

- (2) Pull latch lever on forward or aft end of life raft compartment to open compartment door. Release lever.

NOTE: Opening compartment door will swing down and outboard (as door latches are disengaged) when latch lever is pulled.

WJE 886, 887

- (3) Open door marked LIFE RAFT in overhead stowage compartment and secure compartment door in full-up position.

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 886, 887, 892, 893

B. Life Raft Bottle Proper Pressure Visual Check

SUBTASK 25-62-02-212-001

- (1) Do visual check of the life raft bottle for proper pressure.

C. Job Close-up

SUBTASK 25-62-02-410-001

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 892, 893

- (1) Pull latch lever on forward or aft end of life raft compartment to disengage door latches. Do not release latch lever.

WARNING: LIFE RAFT COMPARTMENT DOOR WITH LIFE RAFT INSTALLED WEIGHS APPROXIMATELY 107 POUNDS (49KG).

- (2) Lift and hold compartment door against door latches.
(3) Release latch lever and check that compartment door is secured in closed (full up) position.

WJE 886, 887

- (4) Close compartment door.

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 886, 887, 892, 893

SUBTASK 25-62-02-942-001

- (5) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

EFFECTIVITY

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 886, 887, 892, 893

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TASK 25-62-02-212-802

3. Visual Check of the Survival Kit

A. Survival Kit Visual Check

SUBTASK 25-62-02-212-002

- (1) Do a visual check of the survival kit and flare for security and condition.

B. Job Close-up

SUBTASK 25-62-02-942-003

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

EFFECTIVITY

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883,
884, 886, 887, 892, 893

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LIFE RAFT COMPARTMENT - MAINTENANCE PRACTICES

1. General

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 892, 893

- A. This section provides instructions for removal and installation of life raft compartments installed in the passenger compartment ceiling.

WJE 886, 887

- B. This section provides instructions for removal and installation of the life raft retaining straps in the overhead sidewall stowage compartments on the left and right sides of the passenger cabin.

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 886, 887, 892, 893

2. Removal/Installation Life Raft Compartment

WJE 886, 887

NOTE: These maintenance practices consist of converting the life raft compartment into an overhead stowage configuration and back to the life raft configuration.

- A. Remove Compartment Retaining Straps.

- (1) Open door marked LIFE RAFT on overhead stowage compartment.
- (2) Unlatch retaining straps and remove life raft. Retain life raft for installation. (PAGEBLOCK 25-62-02/201)
- (3) Remove screws securing life raft retaining straps to compartment inserts (8 places). Retain screws and straps (with brackets) for installation.
- (4) Remove LIFE RAFT marking from door panel.

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 892, 893

- B. Remove Life Raft Compartment

CAUTION: BEFORE OPENING CIRCUIT BREAKERS, MAKE CERTAIN EMERGENCY POWER AND LIGHT SWITCHES ARE IN OFF POSITION.

- (1) Place EMER PWR and EMER LTS switches on the forward switch panel in OFF position.

WJE 401-404, 412, 414, 873-879, 884, 892, 893

- (2) Place EMERGENCY LIGHT switch at forward cabin attendants panel in OFF position.

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 892, 893

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (3) Open these circuit breakers and install safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-703	SIDEWALL LIGHTS - UPPER CONTROL
		B1-702	SIDEWALL LIGHTS - UPPER LEFT
		B1-701	SIDEWALL LIGHTS - UPPER RIGHT

EFFECTIVITY

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 886, 887, 892, 893

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WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 892, 893 (Continued)

LOWER EPC, DC TRANSFER BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
Z	37	B1-387	EMERGENCY LIGHTS CHARGING

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-406, 409, 412, 414, 873-879, 881, 883, 884, 892, 893			
A	13	B1-42	CABIN STANDBY LIGHTS

WJE 410

A	14	B1-42	CABIN STANDBY LIGHTS
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WJE 401-406, 409, 412, 414, 873-879, 881, 883, 884, 892, 893

A	14	B1-41	EMERGENCY LIGHTS ARM AND CHARGE
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WJE 410

A	15	B1-41	EMERGENCY LIGHTS ARM AND CHARGE
---	----	-------	---------------------------------

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 892, 893

- (4) Open life raft compartment doors and remove life rafts from doors (PAGEBLOCK 25-62-02/201).
- (5) Hold life raft compartment doors open as required for access to wiring in emergency overhead light.
- (6) Disconnect and tag electrical wiring to overhead light on bottom centerline of life raft compartment. Access to wiring is through lightening holes in compartment keel.
- (7) Close life raft compartment doors.
- (8) Open and remove doors from inboard side of overhead stowage compartments (adjacent to life raft compartment). Retain doors for installation.
- (9) Open utility doors on bottom of overhead stowage compartments as required for access to trim strips on forward and aft ends of life raft compartment. (PAGEBLOCK 25-25-00/201)
- (10) Remove trim strips from life raft compartment.
- (11) Open doors on internal upper side of overhead stowage compartment for access to fluorescent lights.
- (12) Remove fluorescent lights and associated reflectors to facilitate removal of life raft compartment.
- (13) Hold life raft compartment in place and remove attachment bolts (4 places) securing compartment headers to ceiling fittings in aircraft structure. Access to attachment bolts is through open fluorescent light doors inside overhead stowage compartment.

WARNING: LIFE RAFT COMPARTMENT WEIGHS APPROXIMATELY 90 POUNDS (41 KG).

- (14) Carefully lower life raft compartment from ceiling and remove compartment from aircraft.

C. Install Life Raft Compartment

- (1) Verify that EMER PWR and EMER LTS switches on forward overhead switch panel are in OFF position.
- (2) Verify that EMERGENCY LIGHT switch at forward cabin attendants panel is in OFF position.

EFFECTIVITY

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 886, 887, 892, 893

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WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 892, 893 (Continued)

WARNING: TAG AND USE SAFETY CLIPS TO SAFETY THE CIRCUIT BREAKERS. IF THE CIRCUIT BREAKERS ARE NOT OPENED, TAGGED, AND SAFETIED, INJURY TO PERSONS AND DAMAGE TO EQUIPMENT CAN OCCUR.

- (3) Make sure that these circuit breakers are open and have safety tags:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-703	SIDEWALL LIGHTS - UPPER CONTROL
		B1-702	SIDEWALL LIGHTS - UPPER LEFT
		B1-701	SIDEWALL LIGHTS - UPPER RIGHT

LOWER EPC, DC TRANSFER BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
Z	37	B1-387	EMERGENCY LIGHTS CHARGING

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-406, 409, 412, 414, 873-879, 881, 883, 884, 892, 893			
A	13	B1-42	CABIN STANDBY LIGHTS
WJE 410			
A	14	B1-42	CABIN STANDBY LIGHTS
WJE 401-406, 409, 412, 414, 873-879, 881, 883, 884, 892, 893			
A	14	B1-41	EMERGENCY LIGHTS ARM AND CHARGE
WJE 410			
A	15	B1-41	EMERGENCY LIGHTS ARM AND CHARGE

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 892, 893

WARNING: LIFE RAFT COMPARTMENT WEIGHS APPROXIMATELY 90 POUNDS (41 KG).

- (4) Carefully position life raft compartment against ceiling fittings and attach compartment headers to fittings with attachment bolts (4 places). Access to fittings is through open fluorescent light doors inside overhead stowage compartments.
- (5) If required, adjust position of life raft compartment as follows:
 - (a) For forward/aft adjustment, reposition ceiling fittings in aircraft structure. Adjustment accomplished in place.
 - (b) For inboard/outboard adjustment, remove life raft compartment from ceiling fittings as in Paragraph 2.B.(13) and Paragraph 2.B.(14), and adjust eyebolts in life raft headers; then, attach compartment headers to ceiling fittings as in Paragraph 2.C.(4).
- (6) Install fluorescent light reflectors and lights previously removed from top of overhead stowage compartments. Secure access doors to reflectors and lights from inside stowage compartments.
- (7) Install trim strips on forward and aft sides of life raft compartment; then, close utility doors on bottom of applicable overhead stowage compartments.
- (8) Install and close doors previously removed from inboard side of overhead stowage compartments.

EFFECTIVITY

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 886, 887, 892, 893

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WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 892, 893 (Continued)

- (9) Open life raft compartment doors and hold doors open as required for access to wiring in emergency overhead light.
- (10) Connect electrical wiring to overhead light on bottom centerline of life raft compartment. Access to wiring is through lightening holes in compartment keel.
- (11) Install life rafts on doors of life raft compartments and close doors (PAGEBLOCK 25-62-02/201).
- (12) Remove the safety tags and close these circuit breakers:

LEFT CONSOLE, GROUND SERVICE BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
		B1-703	SIDEWALL LIGHTS - UPPER CONTROL
		B1-702	SIDEWALL LIGHTS - UPPER LEFT
		B1-701	SIDEWALL LIGHTS - UPPER RIGHT

LOWER EPC, DC TRANSFER BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
Z	37	B1-387	EMERGENCY LIGHTS CHARGING

OVERHEAD EMERGENCY DC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
WJE 401-406, 409, 412, 414, 873-879, 881, 883, 884, 892, 893			
A	13	B1-42	CABIN STANDBY LIGHTS
WJE 410			
A	14	B1-42	CABIN STANDBY LIGHTS
WJE 401-406, 409, 412, 414, 873-879, 881, 883, 884, 892, 893			
A	14	B1-41	EMERGENCY LIGHTS ARM AND CHARGE
WJE 410			
A	15	B1-41	EMERGENCY LIGHTS ARM AND CHARGE

WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 892, 893

- (13) Verify that life raft compartment doors are secured in closed position.

WJE 886, 887

D. Install Life Raft Compartment

- (1) Open door (provisioned for life raft) in overhead compartment.
- (2) Position and align life raft lower strap bracket (2 places) with attachment inserts inside compartment; then, secure strap bracket to compartment with screws.
- (3) Position life raft upper strap (2 places) in compartment so that velcro on strap matches velcro on upper surface of compartment; then, secure strap bracket to compartment with screws.
- (4) Install LIFE RAFT marking on door panel as required.

EFFECTIVITY

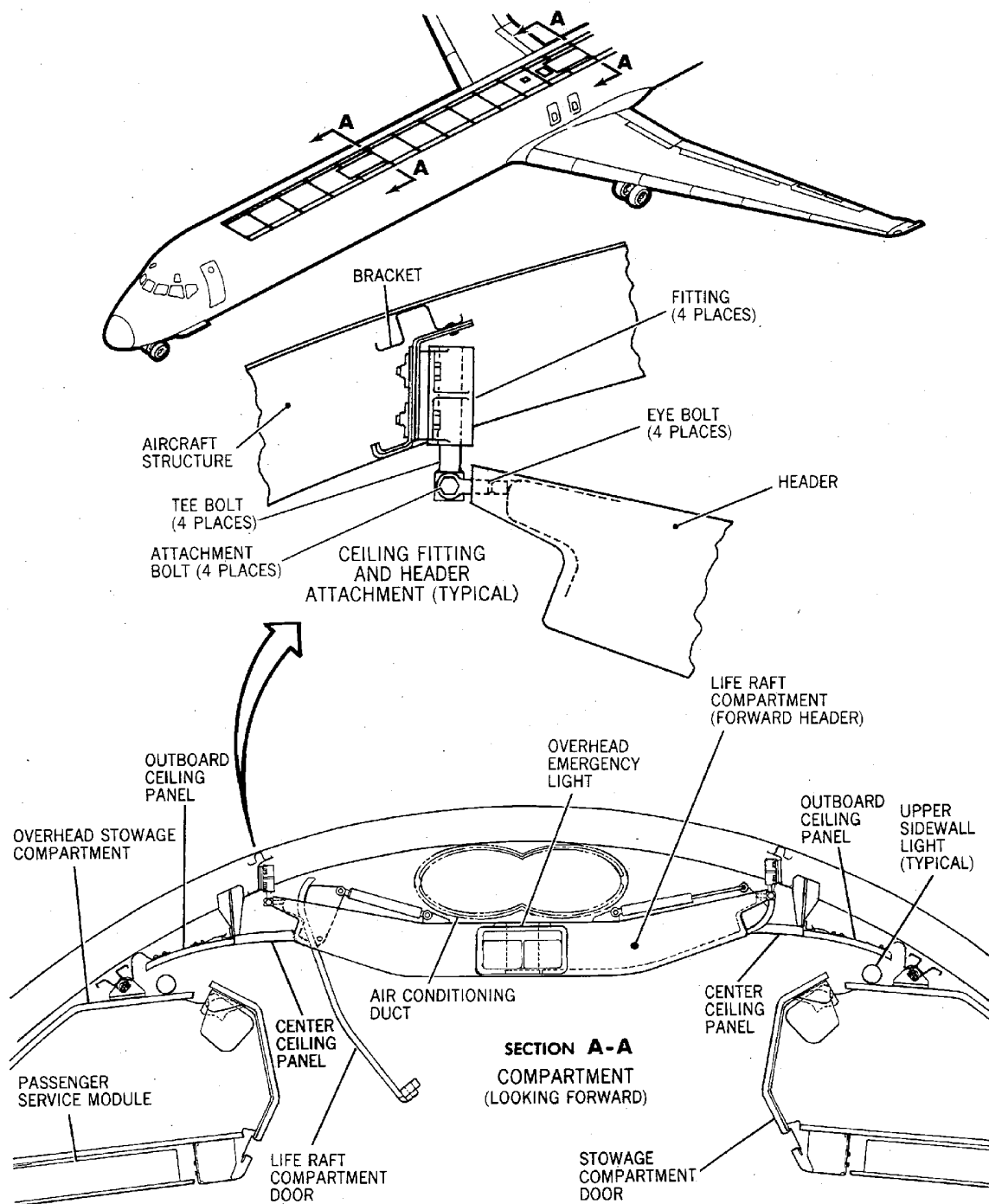
WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883, 884, 886, 887, 892, 893

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BBB2-25-152A

Life Raft Compartment -- Removal/Installation
Figure 201/25-62-03-990-801

EFFECTIVITY
WJE 401-406, 409, 410, 412, 414, 873-879, 881, 883,
884, 892, 893

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EVACUATION SLIDE TEST - MAINTENANCE PRACTICES

1. General

- A. These procedures provide complete instructions for on-aircraft evacuation slide tests on slides located at the forward passenger entrance door, forward and aft service doors, and aft accessory compartment walkway. Aircraft padding and ground cover installation instructions are also included. (Figure 202)

2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed items:

NOTE: Some materials in the Equipment and Materials list may not be permitted to be used in your location. Persons in each location must make sure they are permitted to use these materials. All persons must obey all applicable federal, state, local, and provincial regulations for their location.

Table 201

Name and Number	Manufacturer
Tape, adhesive, clothbacked waterproof (3-inch), PPP-T-60, Type 4 Class 1	Technical Tape Corp.
Solvent, isopropyl alcohol, TT-I-735 DPM 530	
Clean cotton wipers	Commercially available
Gauge, pressure, (0-10 PSIG)	Commercially available
Padding, forward entry passenger door	Local manufacturer
Padding, forward and aft service door	Local manufacturer
Padding, ground (Forward entry, and forward and aft service doors)	Local manufacturer
Sling, test (conical tail cone 5953598-1, low drag tailcone 5953598-501)	Douglas Aircraft Co.

3. Evacuation Slide Test

NOTE: Evacuation slide tests are normally performed on a test fixture. However, if appropriate padding is used as outlined in the following procedures, slide tests can be performed on the aircraft (but only when specifically directed by Work Request Order).

NOTE: Preferably, the aircraft should be positioned for slide tests so that the exit doorsill or walkway is at a nominal height. Forward entry and forward service doorsills should be 88.50 inches (2,248 mm) above ground, aft service doorsill should be 105.40 inches (2,677 mm) above ground (if installed), and the aft accessory compartment walkway should be 115.00 inches (2,921 mm) above ground.

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CAUTION: EVACUATION SLIDE IS EQUIPPED WITH A SELF-CONTAINED HIGHLY PRESSURIZED AND ARMED INFLATION SYSTEM. CARE SHOULD BE EXERCISED AT ALL TIMES TO PREVENT DAMAGE AND/OR INADVERTENT INFLATION WHEN HANDLING SLIDE.

CAUTION: SLIDE ON PASSENGER COMPARTMENT ENTRANCE OR SERVICE DOORS SHOULD NOT BE ARMED FOR AUTOMATIC INFLATION EXCEPT WHEN SPECIFIED IN INSTALLATION PROCEDURE.

CAUTION: EXCEPT FOR INSTALLATION OF TAILCONE SLIDE DEPLOYMENT LANYARD ON TAILCONE, TOOLS ARE NOT REQUIRED FOR SLIDE INSTALLATION. USE OF TOOLS SUCH AS SCREWDRIVERS, PLIERS, ETC., COULD CAUSE DAMAGE TO SLIDE, SLIDE CONTAINERS, OR INSTALLATION HARDWARE.

A. Test Entrance/Service Door Evacuation Slide

- (1) Check that slide is properly installed on aircraft door. (PAGEBLOCK 25-62-00/201)
- (2) Clear area of any object adjacent to door that could damage or interfere with slide operation. (Figure 202)
- (3) Protect aircraft by installing slide test padding at forward entrance, forward service, or aft service door as follows: (Figure 201)
 - (a) Position top edge of padding 1/2 inch (12.7 mm) below doorsill.
NOTE: Padding should cover area from approximately 1/2 inch (12.7 mm) to at least 36 inches (914.4 mm) below doorsill, and extend a minimum of 6 inches (142.4 mm) beyond each side of door opening. Thickness of padding should not exceed 1/4 inch (6.4 mm).
 - (b) Secure padding to fuselage with PPP-T-60 adhesive tape.
 - (c) Place ground padding in area directly below slide door as required.
NOTE: During slide deployment, slide cover will fall to ground in area directly below slide door being tested.
- (4) Close and latch aircraft door, and install girt bar in floor fittings (Ready or Armed position).
- (5) Alert personnel in test area; then, deploy and inflate slide as follows:
 - (a) For manually inflated slide, briskly open aircraft door and immediately reach down and pull inflation handle to inflate slide.
 - (b) For automatically inflated slide, briskly open aircraft door. Slide will deploy and inflate automatically.
- (6) Check and record inflation time and stabilized pressure reading as follows:
 - (a) Using handheld stopwatch, check time from inflation initiation until foot end of slide touches ground (with slide in usable position). Record time.
 - (b) Using pressure gauge, check pressure reading immediately after 10 second stabilization period following completion of inflation). Record pressure.
NOTE: PICO slide No. 11331 has no provisions for inflation pressure measurements. Slide should be visually checked for full inflation.
 - (c) Check that slide inflation time and stabilized pressure are in accordance with appropriate vendor's maintenance manual.
- (7) Check and record operation of slide integral lighting system, if applicable.
- (8) Check slide for damage.
- (9) On completion of test, deflate and remove slide from aircraft; then, return slide to vendor for repacking.

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- (10) Install new slide on aircraft door. (PAGEBLOCK 25-62-00/201)
- (11) Remove ground padding from area directly below slide door.
- (12) Remove PPP-T-60 adhesive tape and slide test padding from aircraft as required.

WJE 405, 406, 881, 883, 884

WARNING: ISOPROPYL ALCOHOL IS AN AGENT THAT IS FLAMMABLE, EXPLOSIVE, POISONOUS, AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY ALL OF THE PRECAUTIONS WHEN ISOPROPYL ALCOHOL IS USED.

- GAS/AIR MIXTURES MORE THAN THE LOWER EXPLOSIVE LIMIT (LEL) CAN CAUSE AN EXPLOSION IF HIGH HEAT, SPARKS, OR FLAMES SUPPLY IGNITION.
- USE IN AN AREA OPEN TO THE AIR.
- CLOSE THE CONTAINER WHEN NOT USED.
- DO NOT GET ISOPROPYL ALCOHOL IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
- DO NOT BREATHE THE GAS.

WARNING: REFER TO THE APPLICABLE MANUFACTURER'S OR SUPPLIER'S MSDS FOR:

- MORE PRECAUTIONARY DATA
- APPROVED SAFETY EQUIPMENT
- EMERGENCY MEDICAL AID.

TALK WITH THE LOCAL SAFETY DEPARTMENT OR AUTHORITIES FOR THE PROCEDURES TO DISCARD THIS HAZARDOUS AGENT.

WJE ALL

- (13) Using TT-E-751 ethyl acetate and clean cotton wipers, remove tape residue from aircraft surface as required.
- B. Test Aft Evacuation (Tailcone) Slide
- (1) Check that slide is properly installed on walkway of aft accessory compartment and that slide deployment lanyard is connected to tailcone. (PAGEBLOCK 25-62-01/201)
 - (2) Clear area of any object adjacent to empennage that could damage or interfere with slide operation. Provide adequate room for movement of test sling and test personnel. (Figure 202)
 - (3) Perform tailcone jettison procedure. (TAILCONE, SUBJECT 53-53-00, Page 501)
 - (4) Check and record inflation time and stabilized pressure reading as follows:
 - (a) Using handheld stopwatch, check time from inflation initiation until foot end of slide touches ground (with slide in usable position). Record time.
 - (b) Using pressure gauge, check pressure reading immediately after 10 second stabilization period (following completion of inflation). Record pressure.
 - (c) Check that slide inflation time and stabilized pressure are in accordance with appropriate vendor's maintenance manual.
 - (5) Check and record operation of slide integral lighting system, if applicable.
 - (6) Check slide for damage.
 - (7) On completion of test, deflate and remove slide from walkway of aft accessory compartment; then, return slide to vendor for repacking.
 - (8) Install new slide on walkway. (PAGEBLOCK 25-62-01/201)

EFFECTIVITY
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- (9) Complete tailcone jettison test.
- (10) Install new slide on walkway in aft accessory compartment. (PAGEBLOCK 25-62-01/201)

EFFECTIVITY
WJE ALL

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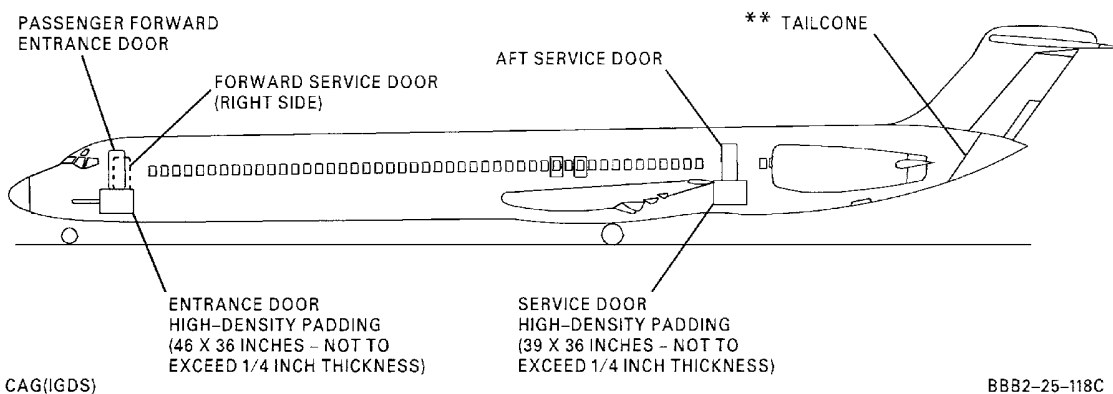
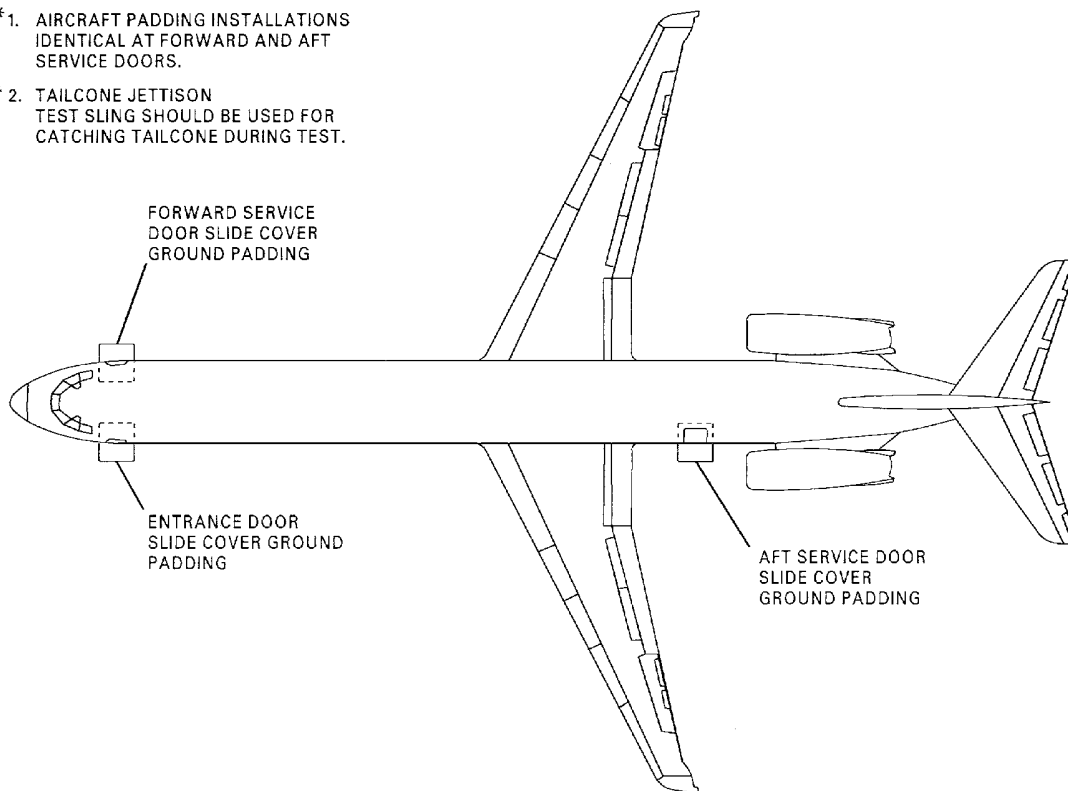
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NOTES:

- *1. AIRCRAFT PADDING INSTALLATIONS IDENTICAL AT FORWARD AND AFT SERVICE DOORS.
- **2. TAILCONE JETTISON TEST SLING SHOULD BE USED FOR CATCHING TAILCONE DURING TEST.



**Evacuation Slide Test Padding -- Installation (MD-80 Aircraft)
Figure 201/25-62-04-990-812**

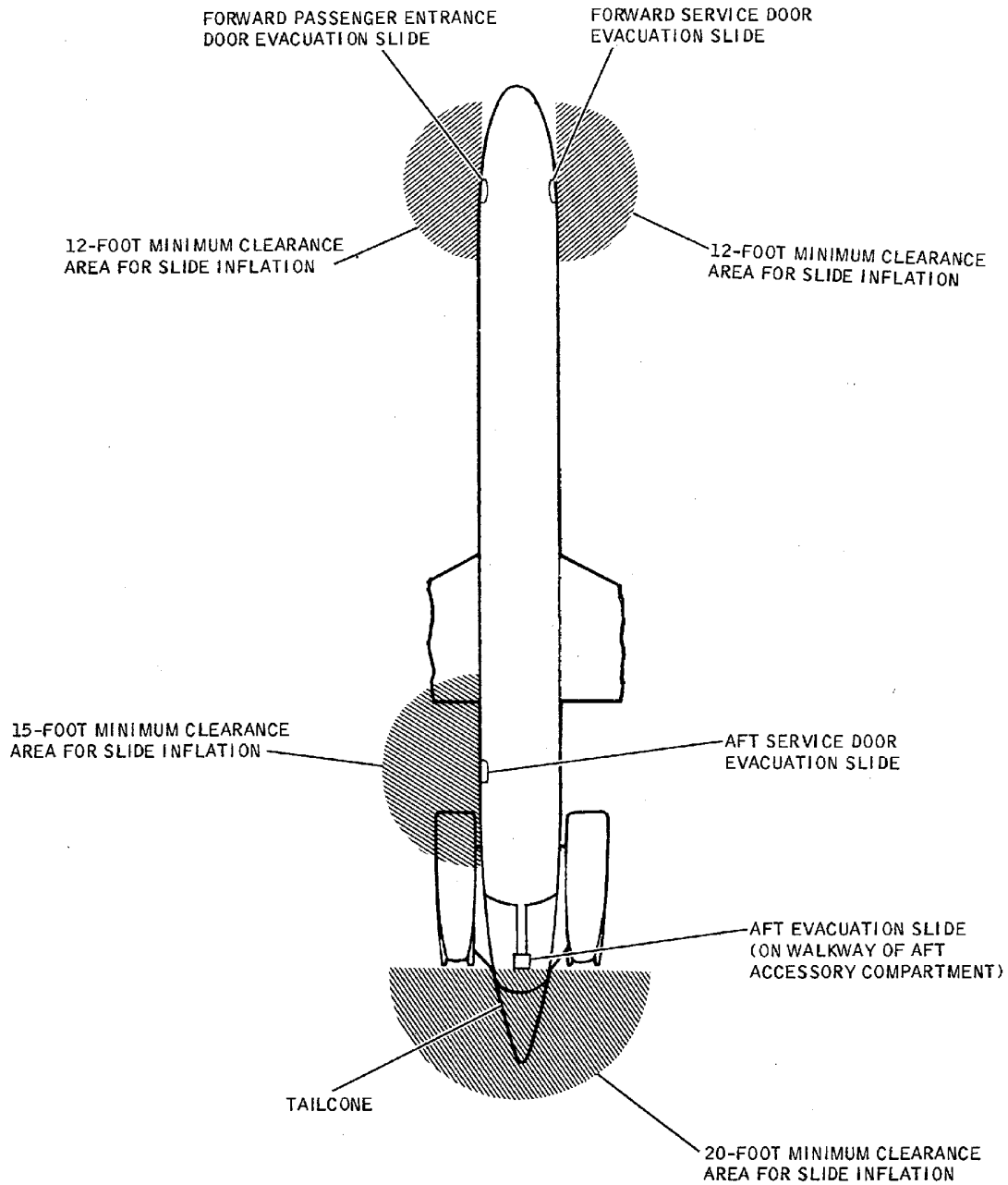
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BB82-25-120

Slide Locations and Inflation Clearance Areas (MD-80 Aircraft)
Figure 202/25-62-04-990-803

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EVACUATION SLIDE - ADJUSTMENT/TEST

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-62-04-710-801

2. Operational Check of the Door and Tailcone Slide Deployment System

NOTE: This procedure is a scheduled maintenance task.

A. References

Reference	Title
25-62-00 P/B 201	EVACUATION SLIDES - MAINTENANCE PRACTICES
25-62-01 P/B 201	AFT EVACUATION SLIDE - MAINTENANCE PRACTICES

B. Consumable Materials

NOTE: Equivalent replacements are permitted for the items that follow.

NOTE: It is possible that some materials in the Consumable Materials chart cannot be used for some or all of the necessary applications. Before you use the materials, make sure the types, quantities, and applications of the materials necessary are legally permitted in your location. All persons must obey all applicable federal, state, local, and provincial laws and regulations when it is necessary to work with these materials.

Reference	Description	Specification
G60308	Tape - Adhesive, Cloth-backed Waterproof	DPM 871-3 (ASTM D5486, Type IV, Class 1)

C. Prepare for Operational Check of the Door and Tailcone Slide Deployment

SUBTASK 25-62-04-943-001

- (1) Secure padding (high density, approximately ¼ in. (6.4 mm) thick) at ½ in. (13 mm) below applicable door sill with adhesive tape, G60308.
- (2) Position maintenance stand with protective padding just below door opening to catch slide.

SUBTASK 25-62-04-030-001

- (3) Open velcro flap along right edge of girt to expose automatic inflation cable (firing lanyard).
- (4) While holding grommet tab (adjacent to manual inflation handle), remove key ring from loop on firing lanyard. Stow ring on tab for future installation.

NOTE: Inflation of the door slide is not required.

D. Door and Tailcone Slide Deployment Operational Check

SUBTASK 25-62-04-710-001

- (1) Close and lock door. Install girt bar in floor fittings.
- (2) Briskly open aircraft door.
- (3) Make sure evacuation slide drops on maintenance stand and remains connected to aircraft.

E. Job Close-up

SUBTASK 25-62-04-420-001

- (1) Reinstall evacuation slide or install serviceable slide. (EVACUATION SLIDES - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-00/201 AFT EVACUATION SLIDE - MAINTENANCE PRACTICES, PAGEBLOCK 25-62-01/201)

SUBTASK 25-62-04-212-001

- (2) Make sure key ring is on loop on firing lanyard.

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SUBTASK 25-62-04-942-001

- (3) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— END OF TASK —————

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EVACUATION SLIDES LIGHTING TEST - MAINTENANCE PRACTICES

1. General

WJE 401-404, 412, 414, 873, 874, 892, 893

- A. This maintenance practice provides for an on-aircraft check of the evacuation slide lighting system for the forward passenger entrance door, forward service door, aft galley service door, and tailcone evacuation slides. It may be necessary to remove the slide from the stowed position for access to the test connector.

WJE 875-879

- B. This maintenance practice provides for an on-aircraft check of the evacuation slide lighting system for the forward passenger entrance door, forward service door, and aft galley service door slides. The tailcone evacuation slide is not illuminated.

WJE 405-411, 415-427, 429, 861-866, 868, 869, 871, 872, 880, 881, 883, 884, 886, 887, 891

- C. This maintenance practice provides for an on-aircraft check of the evacuation slide lighting system for the forward passenger entrance door, forward galley service door, aft galley service door (if installed), and tailcone evacuation slides.

WJE ALL

- D. A lighting test is provided for use with either the TU-12 or the TU-14 test set. (Paragraph 3.)

2. Equipment and Materials

NOTE: Equivalent substitutes may be used instead of the following listed items:

NOTE: Some materials in the Equipment and Materials list may not be permitted to be used in your location. Persons in each location must make sure they are permitted to use these materials. All persons must obey all applicable federal, state, local, and provincial regulations for their location.

Table 201

Name and Number	Manufacturer
Test Set, TU-12, P7-01-0012	DME Corporation Ft. Lauderdale, FL 33315
Test Set, TU-14, P7-01-0024	DME Corporation Ft. Lauderdale, FL 33315

3. Testing - Evacuation Slide Lighting

NOTE: Do the test that applies to your test equipment.

NOTE: The test requires that the evacuation slide be removed from its respective location.

- A. With a TU-12 test set (P7-01-0012), check lighting system for illuminated evacuation slide as follows:
 - (1) Engage test set connector in slide test connector harness (pigtail), attached to power unit of slide lighting system.
 - (2) Be certain of evacuation slide vendor (Pico, B.F. Goodrich, Aircruisers) and position load selector knob as required:
 - (a) Rotate load selector knob to "B" for Pico and B.F. Goodrich slides.
 - (b) Rotate load selector knob to "C" for Aircruisers slides.
 - (3) Move test set arm switch to "ARM" position; then, depress TU-12 activate switch to activate test unit.
 - (4) Depress power unit "Battery-Test-Button" for 3-4 seconds; then, release button and note end voltage on voltmeter.

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- (5) If end voltage is below minimum voltage listed in Table 202, power unit for lighting system must be replaced.
- (6) Depress "Lamp-Test-Button" on power unit until ampere reading is stabilized; then, release button and note end amperage on ammeter.
- (7) If amperage is at or above level shown in Table 202, lighting system is in operating condition. If amperage is below acceptable level, send slide to shop for repair.
- (8) Disengage TU-12 test set connector from slide test connector harness (pigtail).

Table 202 TU-12 TEST SET VOLTAGE/AMPERAGE REQUIREMENTS

Slide Vendor	Min. Voltage	Min. Amperage
Pico (All) Batteries	8.7	.800 to 1.004
Aircruisers (All) P/N C1593-36	9.4 - 11.6	0.430 - 0.555
B.F. Goodrich P/N P2-01-0035-020		.288 to .417
Forward Doors	8.7	0.885
Aft Doors	8.7	0.865
WJE 401-412, 414-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893		
Tailcone	8.7	0.860
WJE ALL		

- B. With a TU-14 test set (P7-01-0024), check lighting system for illuminated evacuation slide as follows:
- (1) Check power unit expiration date. Replace unit if expiration date is sooner than next scheduled maintenance date.
 - (2) Connect one end of TU-14 extension cable (with form pin connectors) into receptacle 13 on unit test panel.

CAUTION: WHEN CONNECTING/DISCONNECTING CABLES, ALWAYS GRASP CONNECTOR BODY INSTEAD OF PULLING ON CABLE WIRE TO PREVENT DAMAGE TO CONNECTORS/CABLE.

- (3) Check condition of TU-14 internal rechargeable battery as follows:
 - (a) Depress ON/OFF power button (S1) and release button when ON light (indicator LED) illuminates. Voltmeter should read 0.00(±0.01) VDC. Ammeter should read 0.00(±0.003) amps.
 - (b) Depress and hold TU-14 battery test button (S2). Voltmeter should read greater than 12.00 VDC.
- (4) Engage test set connector in slide test connector harness (pigtail), attached to power unit of slide lighting system.
- (5) Be certain of evacuation slide vendor (Pico, B.F. Goodrich, Aircruisers) and position load selector knob as required:
 - (a) Rotate load selector knob to "B" for Pico and B.F. Goodrich slides.
 - (b) Rotate load selector knob to "C" for Aircruisers slides.
- (6) Depress and hold bas load button (S5) and after 3 seconds for stabilization, note end voltage reading on voltmeter; then, release bas load button (S5).

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WJE ALL

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- (7) If end voltage is below minimum voltage listed in Table 203, power unit for lighting system must be replaced.
- (8) Depress and hold lamp harness button (S4) for 3 seconds. Check that TU-14 voltmeter reading is 5.00(±0.03) VDC and note ampere reading; then, release button.
- (9) If amperage is at or above level shown in Table 203, lighting system is in operating condition. If amperage is below acceptable level, slide should be sent to shop for repair.
- (10) Disengage TU-14 test set connector from slide test connector harness (pigtail).

Table 203 TU-14 TEST SET VOLTAGE/AMPERAGE REQUIREMENTS

Slide Vendor		Min. Voltage	Min. Amperage
Pico (All)		8.7	.883 - 1.133
Aircruisers (All)			
Batteries:			
	P/N C15093-36	9.4	.465 to .560
	P/N P2-01-0035-020	9.4	0.295 to 0.385
B.F. Goodrich			
Batteries:			
	P/N 780104-3		
	Lamp Harness P/N 780103-001 (25)	10.2	0.883-1.133
	Lamp Harness P/N 780103-001 (25A)	10.2	0.610-0.780
	Lamp Harness P/N 780103-011 (25B)	10.2	0.690-0.825
	P/N 780104-1		
	Lamp Harness P/N 780103-001 (25)	8.7	0.883-1.133
	Lamp Harness P/N 780103-001 (25A)	8.7	0.610-0.780
	Lamp Harness P/N 780103-011 (25B)	8.7	0.690-0.825

EFFECTIVITY
WJE ALL

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EMERGENCY EXITS - DESCRIPTION AND OPERATION

1. General

- A. Emergency exits are provided for the passengers through removable overwing exits, and through the aft bulkhead pressure door and tailcone opening when tailcone is jettisoned. (Figure 1, Figure 2 or Figure 3 or Figure 4)

2. Emergency Exits

A. Description

- (1) Overwing Emergency Exits - Plug-type emergency exit doors are located in the overwing area in the passenger compartment. A 3/4-inch-square rubber bumper, located on the aisle side of the overhead stowage compartments, will assist in locating the overwing emergency exit doors if the cabin is dark. Each door is approximately 20 inches wide and 36 inches high. The doors are secured at the bottom by rigid lockpins that fit into the lower section of the doorjamb, and at the top by a mechanical latch that locks into the upper section of the doorjamb. Doors can be unlatched either from inside or from outside the aircraft. A pull of approximately 20 pounds on either handle will release the latch. The door is removed internally by pulling in at the top and lifting up to release the lockpins at the bottom of the door. (The door is removed externally by pushing in at the top and lifting up to release the lockpins at the bottom of the door.) Removed doors can be jettisoned overboard through the exit openings. The door handles are made of aluminum forging with a molded insulating cover to prevent heat transfer and to retard frosting. (Figure 1)
- (2) Aft Emergency Exit - The tailcone is attached to the aft end of the fuselage and can be jettisoned. When jettisoned, the opening provides an emergency exit accessible from the passenger compartment through the aft bulkhead pressure door and aft accessory compartment. The tailcone can be released either from inside or from outside the aircraft. (Figure 2 or Figure 3 or Figure 4)
- (3) Door Mechanism - A mechanism that can be armed is integrated into the aft bulkhead door. When the aft door is opened with the mechanism armed, the tailcone is jettisoned. (Figure 2 or Figure 3 or Figure 4)

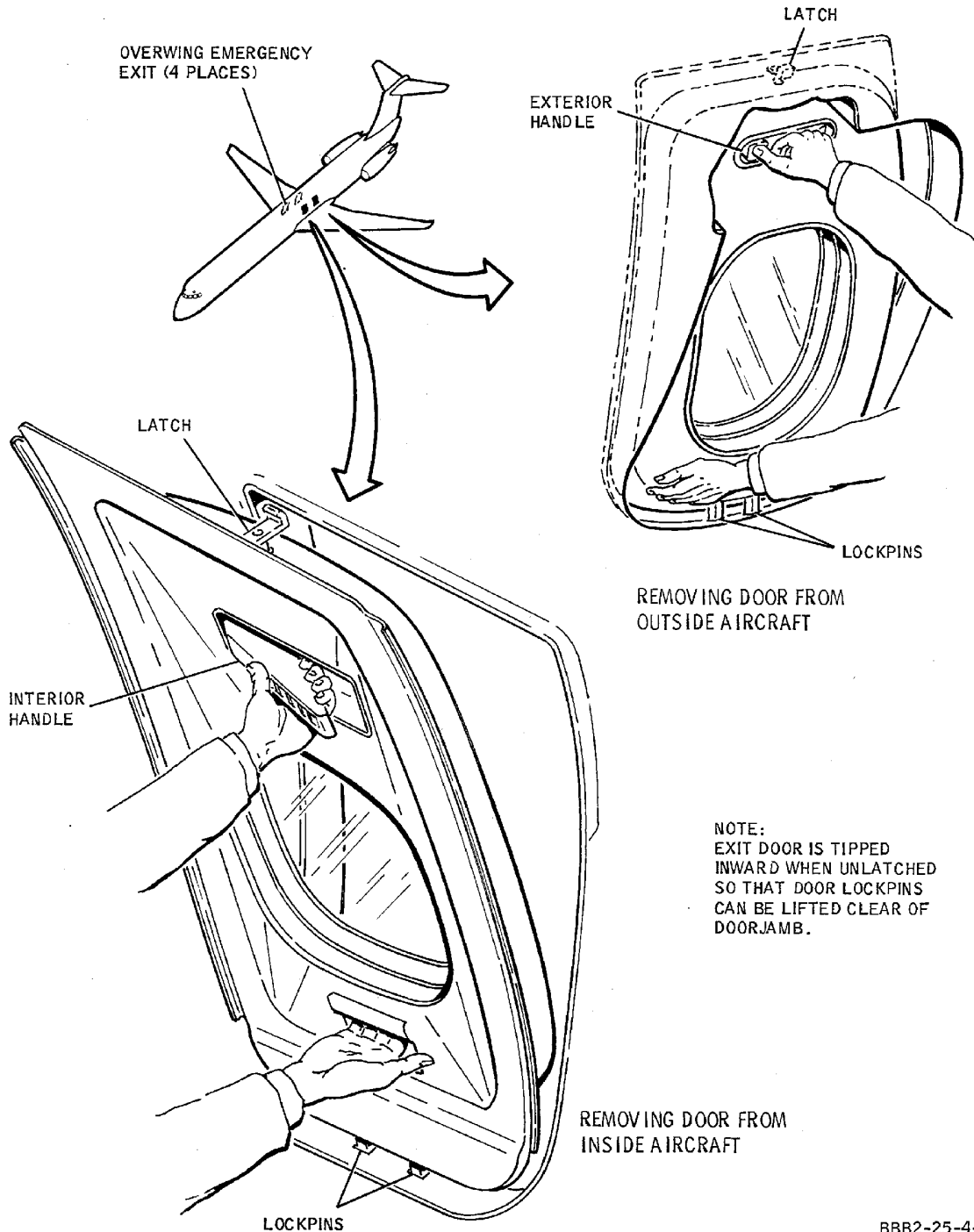
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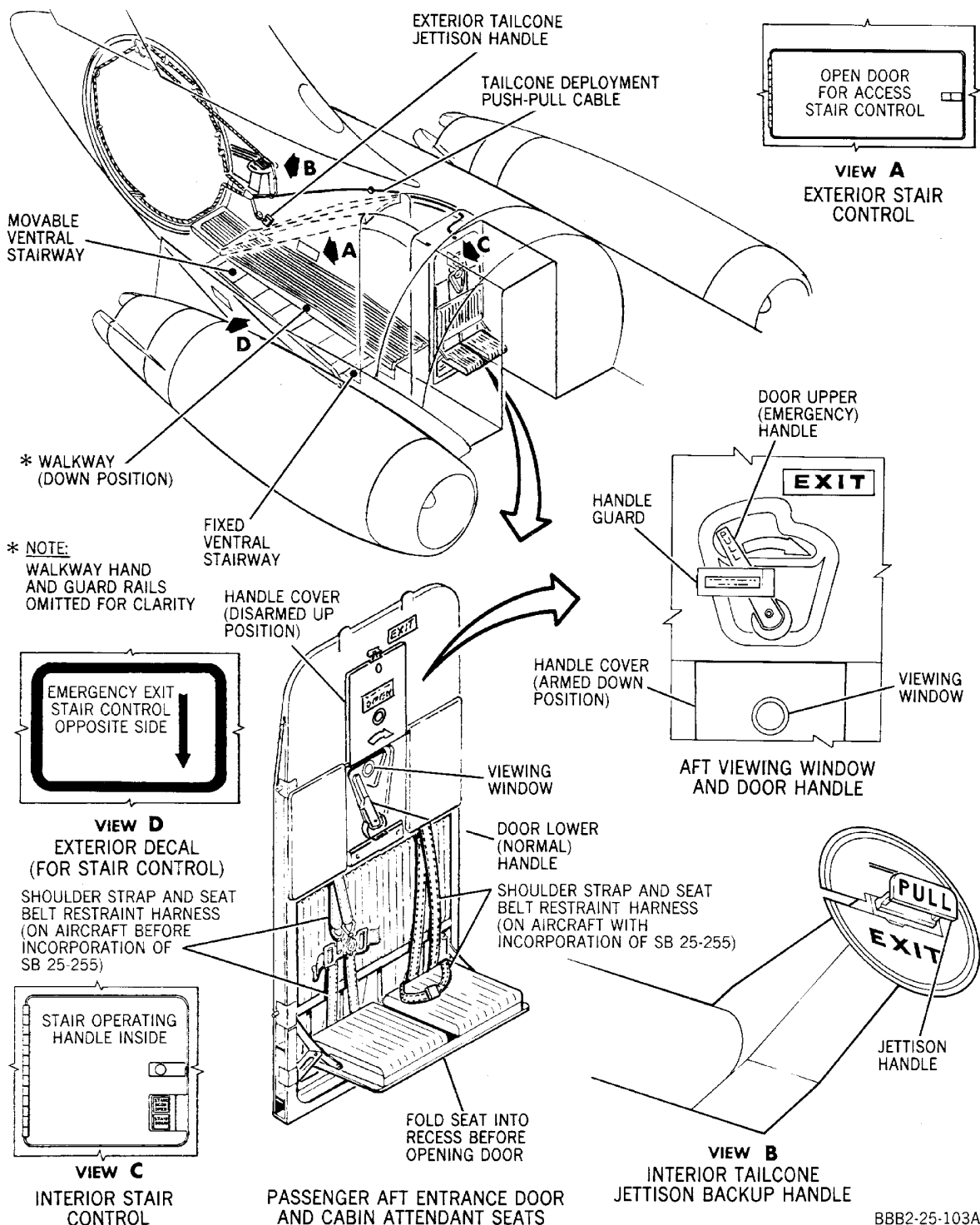


Overwing Emergency Exits
Figure 1/25-63-00-990-801

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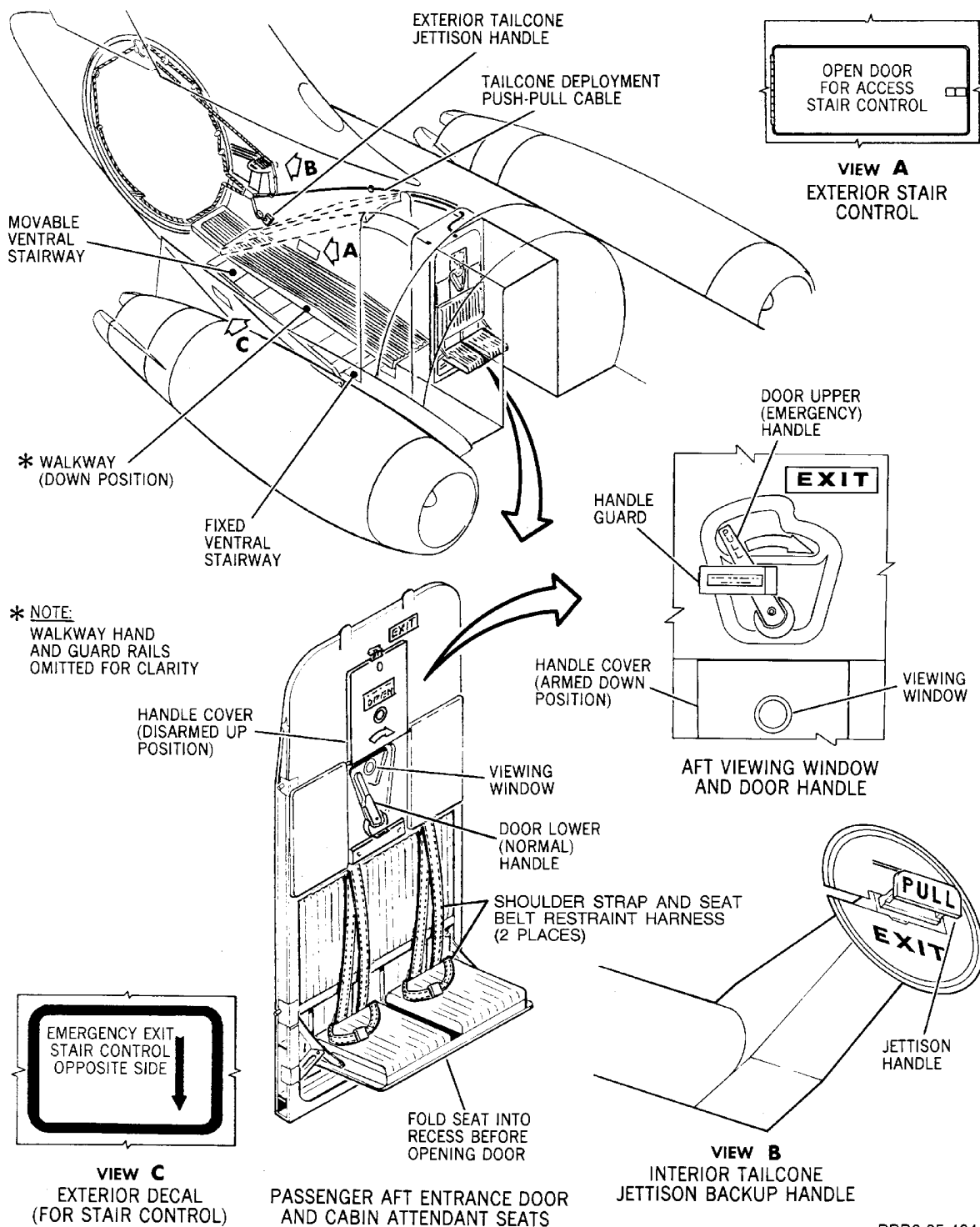


Aft Emergency Exit
Figure 2/25-63-00-990-803

EFFECTIVITY
WJE 407, 408, 411, 415-427, 429, 861-866, 868, 869,
871, 872, 875-880, 891

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BBB2-25-424

**Aft Emergency Exit
Figure 3/25-63-00-990-804**

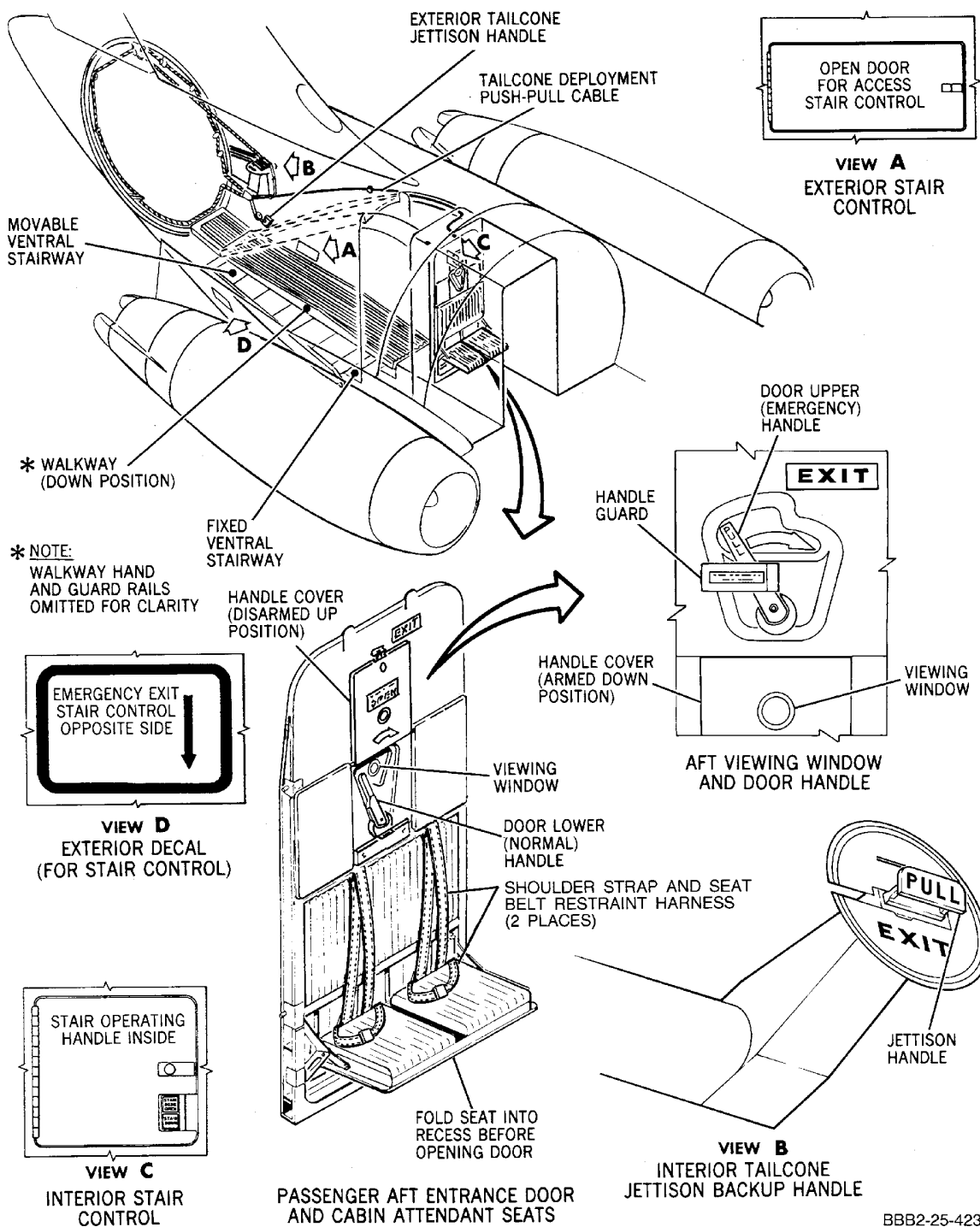
EFFECTIVITY
WJE 405, 406, 409, 881, 883, 884, 886, 887

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BBB2-25-423

**Aft Emergency Exit
Figure 4/25-63-00-990-805**

EFFECTIVITY
WJE 401-404, 410, 412, 414, 873, 874, 892, 893

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FLIGHT COMPARTMENT LIFE VEST- REMOVAL/INSTALLATION

1. General

- A. This procedure contains MSG-3 task card data.

TASK 25-64-01-902-801

2. Restoration of the Flight Compartment Life Vest

A. Flight Compartment Life Vest Restoration

SUBTASK 25-64-01-020-001

- (1) Remove the life vest.

SUBTASK 25-64-01-510-001

- (2) Route the life vest to shop for restoration.

SUBTASK 25-64-01-420-001

- (3) Install serviceable life vest.

B. Job Close-up

SUBTASK 25-64-01-942-002

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

———— **END OF TASK** ————

EFFECTIVITY
WJE ALL

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FLIGHT COMPARTMENT LIFE VEST - INSPECTION/CHECK

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-64-01-211-801

2. Detailed Inspection of the Flight Compartment Life Vest for Condition and Presence

A. Prepare Flight Compartment Life Vest for Condition and Presence Detailed Inspection

SUBTASK 25-64-01-020-002

(1) Remove life vest from stowage location.

B. Flight Compartment Life Vest Condition and Presence Detailed Inspection

SUBTASK 25-64-01-211-001

(1) Make sure vest is sealed in a plastic bag. Bag shall not be torn, cut or damaged.

(2) Inspect vest without removing it from bag. Vest shall not be cut, damaged, torn, etc. If plastic bag or vest is damaged, replace with serviceable unit.

C. Job Close-up

SUBTASK 25-64-01-420-002

(1) Install serviceable vest in stowage location.

SUBTASK 25-64-01-942-003

(2) Remove all the tools and equipment from the work area. Make sure the area is clean.

————— **END OF TASK** —————

EFFECTIVITY
WJE ALL

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PASSENGER CABIN LIFE VEST - REMOVAL/INSTALLATION

1. General

- A. This procedure contains MSG-3 task card data.

TASK 25-64-03-902-801

2. Restoration of the Passenger Cabin Life Vest

A. Passenger Cabin Life Vest Restoration

SUBTASK 25-64-03-020-001

- (1) Remove the life vest.

SUBTASK 25-64-03-510-001

- (2) Route the life vest to shop for restoration.

SUBTASK 25-64-03-420-001

- (3) Install serviceable life vest.

B. Job Close-up

SUBTASK 25-64-03-942-002

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

———— **END OF TASK** ————

EFFECTIVITY
WJE ALL

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PASSENGER CABIN LIFE VEST - INSPECTION/CHECK

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-64-03-211-801

2. Detailed Inspection of the Passenger Cabin Life Vest for Condition and Presence

A. Prepare Passenger Cabin Life Vest for Condition and Presence Detailed Inspection

SUBTASK 25-64-03-020-002

(1) Remove life vest from stowage location.

B. Passenger Cabin Life Vest Condition and Presence Detailed Inspection

SUBTASK 25-64-03-211-001

(1) Make sure vest is sealed in a plastic bag. Bag shall not be torn, cut or damaged.

(2) Inspect vest without removing it from bag. Vest shall not be cut, damaged, torn, etc. If plastic bag or vest is damaged, replace with serviceable unit.

C. Job Close-up

SUBTASK 25-64-03-420-002

(1) Install serviceable vest in stowage location.

SUBTASK 25-64-03-942-003

(2) Remove all the tools and equipment from the work area. Make sure the area is clean.

———— **END OF TASK** ————

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WJE ALL

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EVACUATION WARNING SYSTEM - ADJUSTMENT/TEST

1. General

- A. These adjustment/test procedures provide complete instructions for functional test and operation of the evacuation warning system including the evacuation signal panel, panel switches, audible signal devices, shutoff switches, and associated aircraft wiring. One set of procedures is given for actuation of the system from the flight compartment and another set for actuation from the passenger compartment.
- B. A visual check should be performed to check that all components, cables, and connectors in the system are properly installed prior to conducting the test. The EVAC SIGNAL ARM/OFF switch and the guarded COMMAND switch on the overhead panel, and the guarded COMMAND switch on the auxiliary forward cabin attendant's panel, should be in the OFF position.

2. Perform Functional Test of System

- A. Actuate system from flight compartment (Figure 501).
 - (1) Make sure that these circuit breakers are closed:

LOWER EPC, DC TRANSFER BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
W	33	B1-814	APU FIRE CENTRAL AURAL WARNING

OVERHEAD BATT DIR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
B	17	B1-844	EMERGENCY EVAC SIGNALING

- (2) Place EVAC SIGNAL ARM/OFF switch, located on overhead panel in flight compartment, at ARM position.
- (3) Place guarded COMMAND switch, located on overhead panel, in ON position.
- (4) Check that horns in forward, mid, and aft passenger compartment emit audible intermittent tones.

WJE 415, 417-419, 421, 423

- (5) Check that intermittent horn tones, emitted through central aural warning speakers in flight compartment, are followed by word "EVACUATE" (on aircraft 161-174). Aircraft 110-150 have horn but have no voice.

WJE 869, 871, 872

- (6) Check that intermittent horn tones, emitted through central aural warning speakers in flight compartment, are followed by voice the word "EVACUATE".

WJE 863-866

- (7) Check that intermittent horn tones, emitted through central aural warning speakers in flight compartment, but have no voice word "EVACUATE".

WJE 415, 417-419, 421, 423, 863-866, 869, 871, 872

- (8) Place EVAC SIGNAL ARM/OFF switch in OFF position.
- (9) Check that no warning tones (horns) are heard in passenger compartment or in flight compartment.
- (10) Place guarded COMMAND switch in OFF position.
- B. Actuate system from passenger compartment.

EFFECTIVITY WJE 415, 417-419, 421, 423, 863-866, 869, 871, 872

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- (1) Make sure that these circuit breakers are closed:

LOWER EPC, DC TRANSFER BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
W	33	B1-814	APU FIRE CENTRAL AURAL WARNING

OVERHEAD BATT DIR BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
B	17	B1-844	EMERGENCY EVAC SIGNALING

- (2) Place EVAC SIGNAL ARM/OFF switch, located on overhead panel in flight compartment, at ARM position.
- (3) Place guarded COMMAND switch, located on auxiliary forward cabin attendant's panel, at ON position.
- (4) Check that horns in forward, mid and aft passenger compartment emit audible intermittent tones.

WJE 415, 417-419, 421, 423

- (5) Check that horn tones are emitted through central aural speakers in flight compartment, followed by word "EVACUATE" (on aircraft 161-174). Aircraft 110-150 have horn but no voice.

WJE 869, 871, 872

- (6) Check that horn tones are emitted through central aural speakers in flight compartment, followed by voice the word "EVACUATE".

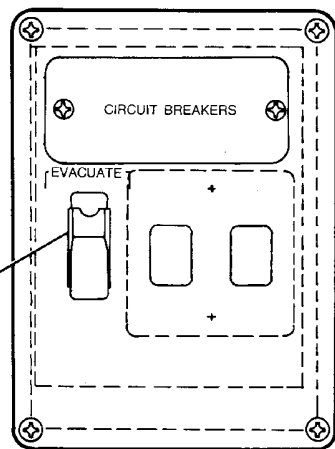
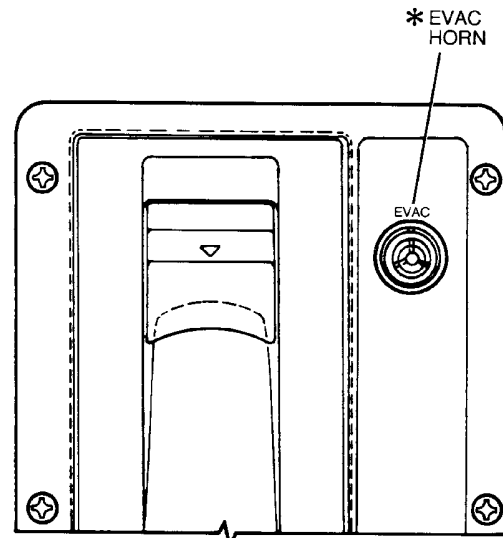
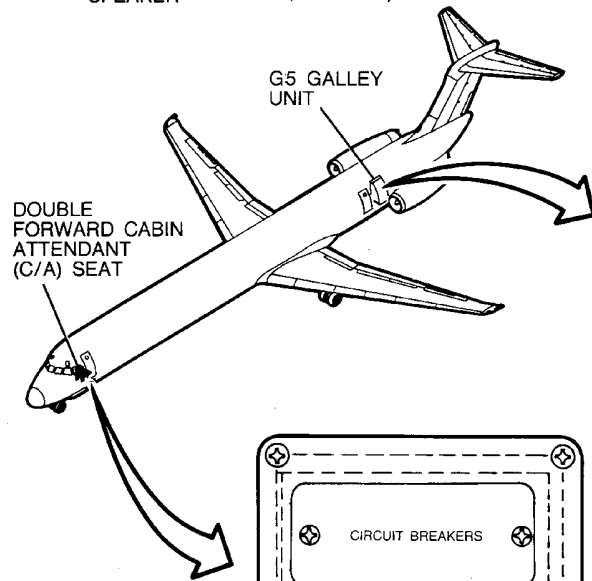
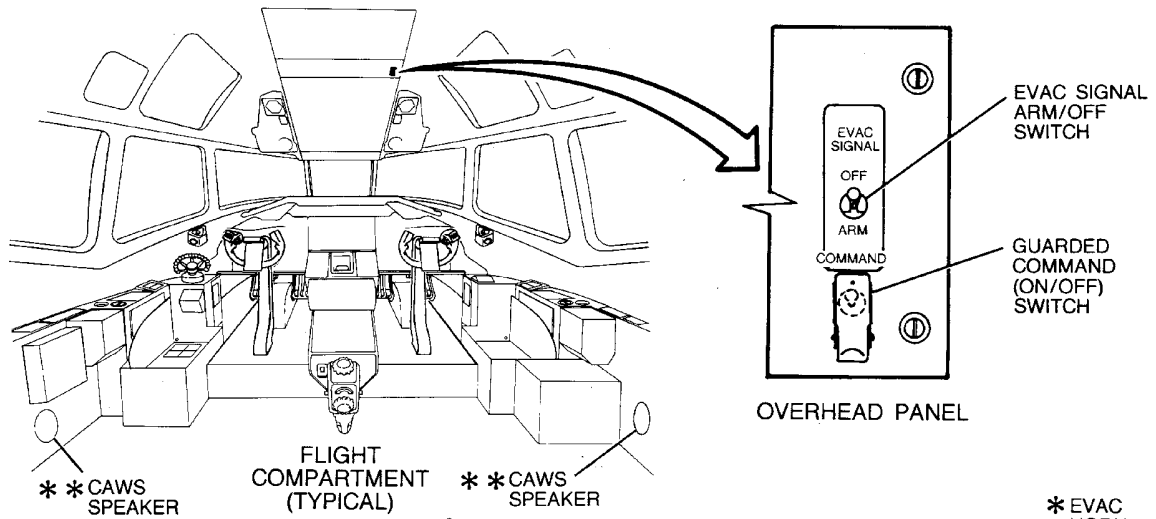
WJE 863-866

- (7) Check that horn tones are emitted through central aural speakers in flight compartment, but have no voice word "EVACUATE".

WJE 415, 417-419, 421, 423, 863-866, 869, 871, 872

- (8) Place guarded COMMAND switch, located on auxiliary forward cabin attendant's panel, at OFF position.
- (9) Check that no warning tones (horns) are heard in passenger or flight compartment.
- (10) Place EVAC SIGNAL ARM/OFF switch, located on overhead panel in flight compartment, at OFF position.

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MID CABIN ATTENDANT'S PANEL (ON INBOARD SIDE OF G5 GALLEY UNIT)

AUXILIARY FORWARD CABIN ATTENDANT'S PANEL

NOTES:

- * 1. EVACUATION (EVAC) HORN IS ALSO LOCATED IN CABIN FORWARD AND AFT DROP CEILINGS.
- ** 2. CENTRAL AURAL WARNING SYSTEM (CAWS) SPEAKERS ARE ON PILOTS LEFT AND RIGHT CONSOLES.

BBB2-25-508

**Evacuation Warning System Controls
Figure 501/25-65-00-990-801**

EFFECTIVITY
WJE 415, 417-419, 421, 423, 863-866, 869, 871, 872

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EVACUATION WARNING SYSTEM - ADJUSTMENT/TEST

1. General

- A. This procedure contains MSG-3 task card data.

TASK 25-65-01-710-801

2. Operational Check of the Emergency Evacuation Signal System

A. Prepare for the Emergency Evacuation Signal System Operational Check

SUBTASK 25-65-01-865-001

- (1) Make sure electrical power is available and all necessary circuit breakers are closed.

B. Emergency Evacuation Signal System Operational Check

SUBTASK 25-65-01-710-001

- (1) Do an operational check of the evacuation signal system.

NOTE: Verify system configuration in the airplane specific AMM. System configuration must be identified to verify locations of warning horns and control panels and to determine proper system operation.

- (a) Do operational check from the flight compartment.

- 1) Place EVAC SIGNAL ARM/OFF switch, located on overhead panel in flight compartment, at ARM position.
- 2) Place guarded COMMAND switch, located on overhead panel, in ON position.
 - a) Check that horns in the passenger compartment emit audible intermittent tones.
 - b) Check that intermittent horn tone is emitted through central aural warning speakers in flight compartment.
 - c) Check that the word "EVACUATE" can be heard in the flight compartment (if applicable).
- 3) Place EVAC SIGNAL ARM/OFF switch in OFF position.
- 4) Check that no warning tones (horns) are heard in passenger compartment or in flight compartment.
- 5) Place guarded COMMAND switch in OFF position.

- (b) Do operational check from the passenger compartment.

- 1) Place EVAC SIGNAL ARM/OFF switch, located on overhead panel in flight compartment, at ARM position.
- 2) Place guarded COMMAND switch, located in the passenger compartment, in ON position. Refer to the AMM for particular configuration.

NOTE: Depending on the aircraft configuration, the guarded switch is located on forward cabin attendant's panel, mid cabin attendant's panel, auxiliary forward cabin attendant's panel or panel adjacent to aft galley service door.

- a) Check that horns in the passenger compartment emit audible intermittent tones.
- b) Check that intermittent horn tone is emitted through central aural warning speakers in flight compartment.
- c) Check that the word "EVACUATE" can be heard in the flight compartment (if applicable).

EFFECTIVITY
WJE 415, 417-419, 421, 423, 863-866, 869, 871, 872

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- 3) Place guarded COMMAND switch, located in the passenger compartment, in OFF position.
- 4) Check that no warning tones (horns) are heard in passenger compartment or in flight compartment.
- 5) Place EVAC SIGNAL ARM/OFF switch, located on overhead panel in flight compartment, at OFF position.

C. Job Close-up

SUBTASK 25-65-01-942-001

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

———— **END OF TASK** ————

EFFECTIVITY
WJE 415, 417-419, 421, 423, 863-866, 869, 871, 872

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EMERGENCY LOCATOR TRANSMITTER - REMOVAL/INSTALLATION

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-67-02-901-801

2. Discard the Emergency Locator Transmitter (ELT) Battery

A. ELT Battery Discard

NOTE: Depending on typical aircraft configuration, ELT can be portable (which could be located in survival kit, life raft, overhead stowage compartment, galley crew coatroom, etc.), fixed (which could be located at various locations including aft fuselage area) or both, portable and fixed.

SUBTASK 25-67-02-901-001

- (1) Remove old battery and discard.
- (2) Install serviceable battery.

B. Job Close-up

SUBTASK 25-67-02-942-001

- (1) Remove all the tools and equipment from the work area. Make sure the area is clean.

———— **END OF TASK** ————

EFFECTIVITY
WJE ALL

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EMERGENCY LOCATOR TRANSMITTER - ADJUSTMENT/TEST

1. General

A. This procedure contains MSG-3 task card data.

TASK 25-67-02-720-801

2. Functional Check of the Emergency Locator Transmitter (ELT)

A. ELT Functional Check

NOTE: Depending on typical aircraft configuration, ELT can be portable (which could be located in survival kit, life raft, overhead stowage compartment, galley crew coatroom, etc.), fixed (which could be located at various locations including aft fuselage area) or both, portable and fixed.

SUBTASK 25-67-02-020-001

(1) Remove ELT.

SUBTASK 25-67-02-510-001

(2) Route old ELT to shop for functional check.

SUBTASK 25-67-02-420-001

(3) Install serviceable ELT.

B. Job Close-up

SUBTASK 25-67-02-942-002

(1) Remove all the tools and equipment from the work area. Make sure the area is clean.

———— **END OF TASK** ————

EFFECTIVITY
WJE ALL

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