

CHAPTER

11

REQUIRED PLACARDS

MD-80 AIRCRAFT MAINTENANCE MANUAL

CHAPTER 11 REQUIRED PLACARDS

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1 thru 4	AUG 01/2016		218	Feb 01/2016		1	Feb 01/2016	
11-CONTENTS			219	Feb 01/2015		2	Feb 01/2016	
1	Feb 01/2016		220	Feb 01/2015		3	Feb 01/2015	
2	Feb 01/2016		11-11-01 Config 1			4	Feb 01/2015	C
3	May 01/2016		1	Feb 01/2016		11-13-01		
4	May 01/2016		2	Feb 01/2016		1	Feb 01/2015	
11-00-00			3	Feb 01/2016		2	Feb 01/2016	
1	Feb 01/2015		4	Feb 01/2016		11-13-02		
2	Feb 01/2015		5	Feb 01/2015	C	1	Feb 01/2015	
3	Feb 01/2015		6	Feb 01/2015	C	2	Feb 01/2015	
4	Feb 01/2015		7	Feb 01/2015	C	11-14-01 Config 1		
11-00-01 Config 1			8	BLANK		1	Feb 01/2015	
201	Feb 01/2015		11-12-01			2	May 01/2016	
202	Feb 01/2015		1	Feb 01/2016		3	May 01/2016	
203	Feb 01/2015		2	Feb 01/2016		4	May 01/2016	
204	Feb 01/2015		3	Feb 01/2016		5	May 01/2016	
205	Feb 01/2015		4	BLANK		6	May 01/2016	
206	Feb 01/2015		11-12-02			7	May 01/2016	
11-00-02 Config 2			1	Feb 01/2015		8	BLANK	
201	Feb 01/2016		2	Feb 01/2015		11-14-02		
202	Feb 01/2016		11-12-03			1	Feb 01/2015	
203	Feb 01/2016	C	1	Feb 01/2015		2	Feb 01/2016	
204	Feb 01/2016		2	Feb 01/2015		3	Feb 01/2015	
205	Feb 01/2016		3	Feb 01/2016		4	BLANK	
206	Feb 01/2016		4	Feb 01/2015		11-14-03		
207	Feb 01/2016		5	Feb 01/2016		1	Feb 01/2015	
208	Feb 01/2016		6	Feb 01/2016		2	Feb 01/2016	
209	Feb 01/2016		11-12-04			3	Feb 01/2016	
210	Feb 01/2016		1	Feb 01/2015		4	BLANK	
211	Feb 01/2016		2	Feb 01/2016		11-15-01 Config 1		
212	Feb 01/2016		3	Feb 01/2016		1	Feb 01/2015	
213	Feb 01/2016		4	Feb 01/2016		2	Feb 01/2016	
214	Feb 01/2016		5	Feb 01/2016		3	Feb 01/2015	
215	Feb 01/2016		6	Feb 01/2015		R 4	Aug 01/2016	
216	Feb 01/2016					5	Feb 01/2015	C
217	Feb 01/2016					R 6	Aug 01/2016	

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7	Feb 01/2015		3	Feb 01/2016		3	Feb 01/2016	
8	Feb 01/2016		4	BLANK		4	Feb 01/2016	
9	Feb 01/2016		11-19-01			5	Feb 01/2016	
10	BLANK		1	Feb 01/2015		6	Feb 01/2016	
11-15-02			2	Feb 01/2015		7	Feb 01/2016	
1	Feb 01/2015		3	Feb 01/2016		8	BLANK	
R 2	Aug 01/2016		4	Feb 01/2016		11-21-06		
R 3	Aug 01/2016	C	5	Feb 01/2015	C	1	Feb 01/2015	C
O 4	BLANK		6	BLANK		2	Feb 01/2015	C
11-15-03 Config 1			11-21-01			3	Feb 01/2015	C
1	Feb 01/2016		1	Feb 01/2015		4	Feb 01/2015	C
2	Feb 01/2016		2	Feb 01/2015		11-22-01		
11-15-03 Config 2			3	Feb 01/2016		1	Feb 01/2016	
1	Feb 01/2016		4	Feb 01/2016		2	Feb 01/2015	
2	Feb 01/2016		11-21-02			11-31-01		
11-15-04			1	Feb 01/2015		1	Feb 01/2015	
1	Feb 01/2015		2	Feb 01/2016		2	Feb 01/2016	
2	Feb 01/2015		3	Feb 01/2015	C	3	Feb 01/2015	C
11-16-01			4	Feb 01/2015		4	BLANK	
1	Feb 01/2015		11-21-03			11-32-01		
2	Feb 01/2015		1	Feb 01/2015		1	Feb 01/2015	
3	Feb 01/2015		2	Feb 01/2016		2	Feb 01/2016	
4	BLANK		3	Feb 01/2015		3	Feb 01/2015	
11-16-02			4	Feb 01/2015		4	Feb 01/2015	
1	Feb 01/2015		5	Feb 01/2015		5	Feb 01/2015	
2	Feb 01/2015		6	Feb 01/2015	C	6	Feb 01/2016	
3	Feb 01/2015		7	Feb 01/2015		7	Feb 01/2015	
4	Feb 01/2015	C	8	BLANK		8	Feb 01/2016	
11-18-01			11-21-04			9	Feb 01/2015	
1	Feb 01/2015		1	Feb 01/2015		10	Feb 01/2015	
2	Feb 01/2016		2	Feb 01/2016		11	Feb 01/2016	
3	Feb 01/2015	C	3	Feb 01/2015	C	12	Feb 01/2016	
4	Feb 01/2016		4	Feb 01/2015		13	Feb 01/2015	
11-18-02			11-21-05			14	BLANK	
1	Feb 01/2015		1	Feb 01/2015				
2	Feb 01/2015	C	2	Feb 01/2016				

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1	Feb 01/2015		1	Feb 01/2015		11	Feb 01/2015	
2	Feb 01/2015		2	Feb 01/2016		12	Feb 01/2016	
11-32-04			3	Feb 01/2015		13	Feb 01/2015	
1	Feb 01/2015		4	Feb 01/2015		14	Feb 01/2015	
2	Feb 01/2015		5	Feb 01/2016		15	Feb 01/2016	
11-33-01			6	Feb 01/2015		16	BLANK	
1	Feb 01/2015		7	Feb 01/2016		11-34-03 Config 11		
2	Feb 01/2016		8	Feb 01/2016		1	Feb 01/2015	
3	Feb 01/2016		9	Feb 01/2015		2	Feb 01/2015	
4	Feb 01/2016		10	Feb 01/2016		3	Feb 01/2015	
5	Feb 01/2016		11	Feb 01/2015		4	Feb 01/2015	
6	Feb 01/2016		12	Feb 01/2016		5	Feb 01/2015	
7	Feb 01/2016		13	Feb 01/2015		6	Feb 01/2015	
8	Feb 01/2016	C	14	Feb 01/2015		11-34-03 Config 13		
9	Feb 01/2016	C	15	Feb 01/2015		1	Feb 01/2015	C
10	Feb 01/2016		16	BLANK		2	Feb 01/2015	C
11	Feb 01/2016	C	11-34-03 Config 4			11-34-04		
12	Feb 01/2016	C	1	Feb 01/2016		1	Feb 01/2016	
11-34-00			2	Feb 01/2016		2	May 01/2016	
201	Feb 01/2015	C	3	Feb 01/2016		3	May 01/2016	
202	Feb 01/2015	C	4	Feb 01/2016		4	May 01/2016	
11-34-01 Config 2			5	Feb 01/2016		5	May 01/2016	
1	Feb 01/2016		6	Feb 01/2016		6	May 01/2016	
2	Feb 01/2016		7	Feb 01/2016		7	May 01/2016	
3	Feb 01/2015		8	BLANK		8	BLANK	
4	Feb 01/2016		11-34-03 Config 8			11-34-05 Config 1		
5	Feb 01/2015		1	Feb 01/2016		1	May 01/2016	
6	BLANK		2	Feb 01/2016		2	May 01/2016	
11-34-01 Config 3			3	Feb 01/2015		11-34-05 Config 2		
1	Feb 01/2016		4	Feb 01/2016		1	Feb 01/2016	
2	Feb 01/2016		5	Feb 01/2015		2	Feb 01/2016	
3	Feb 01/2015		6	Feb 01/2015		3	Feb 01/2016	
4	Feb 01/2015		7	Feb 01/2015		4	Feb 01/2016	
5	Feb 01/2015		8	Feb 01/2016		11-34-05 Config 3		
6	BLANK		9	Feb 01/2015		1	Feb 01/2015	
			10	Feb 01/2015		2	Feb 01/2015	

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1	Feb 01/2015	C	1	Feb 01/2015				
2	Feb 01/2015	C	2	Feb 01/2015				
11-34-06 Config 1			11-39-01 Config 2					
1	May 01/2016		1	Feb 01/2015				
2	May 01/2016		2	Feb 01/2016				
11-34-06 Config 2			3	Feb 01/2015				
1	Feb 01/2016		4	Feb 01/2015				
2	Feb 01/2015		5	Feb 01/2015				
3	Feb 01/2015		6	Feb 01/2016				
4	Feb 01/2016		7	Feb 01/2015				
11-34-07			8	Feb 01/2015				
1	Feb 01/2016		9	Feb 01/2015				
2	May 01/2016		10	BLANK				
3	May 01/2016		11-41-01					
4	BLANK		1	Feb 01/2016				
11-34-08			2	Feb 01/2016				
1	Feb 01/2015		3	Feb 01/2015				
2	Feb 01/2015		4	Feb 01/2015				
11-34-09			5	Feb 01/2016				
1	Feb 01/2015		6	Feb 01/2016				
2	Feb 01/2015		7	Feb 01/2015				
3	Feb 01/2015		8	BLANK				
4	BLANK		11-50-01					
11-35-01			1	Feb 01/2015				
1	Feb 01/2016		2	Feb 01/2016				
2	Feb 01/2016		3	Feb 01/2015				
3	Feb 01/2015		4	Feb 01/2015	C			
4	BLANK							
11-36-01								
1	Feb 01/2016							
2	Feb 01/2016							
11-38-01 Config 4								
1	Feb 01/2015							
2	Feb 01/2015							

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<u>RADIOACTIVE SIGNS - MAINTENANCE PRACTICES</u>	11-00-01	1	201	WJE ALL
<u>WING ICE DETECTION DECALS - MAINTENANCE PRACTICES</u>	11-00-02	2	201	WJE ALL
<u>ENGINE COWLING - DESCRIPTION AND OPERATION</u>	11-11-01	1	1	WJE ALL
<u>AFT SERVICE DOOR - DESCRIPTION AND OPERATION</u>	11-12-01		1	WJE ALL
<u>DOORS - FORWARD, MID, AND AFT LOWER CARGO COMPARTMENT - DESCRIPTION AND OPERATION</u>	11-12-02		1	WJE ALL
<u>FORWARD SERVICE DOOR - DESCRIPTION AND OPERATION</u>	11-12-03		1	WJE ALL
<u>FORWARD PASSENGER DOOR - DESCRIPTION AND OPERATION</u>	11-12-04		1	WJE ALL
<u>EMERGENCY EXIT DOORS - DESCRIPTION AND OPERATION</u>	11-12-05		1	WJE ALL
<u>ELEVATORS AND HORIZONTAL STABILIZER (LOWER SURFACE) - DESCRIPTION AND OPERATION</u>	11-13-01		1	WJE ALL
<u>ELEVATORS AND HORIZONTAL STABILIZER (UPPER SURFACE) - DESCRIPTION AND OPERATION</u>	11-13-02		1	WJE ALL
<u>MID AND AFT FUSELAGE (LEFT) - DESCRIPTION AND OPERATION</u>	11-14-01	1	1	WJE ALL
<u>MID AND AFT FUSELAGE (RIGHT) - DESCRIPTION AND OPERATION</u>	11-14-02		1	WJE ALL
<u>MID AND AFT FUSELAGE (BOTTOM) - DESCRIPTION AND OPERATION</u>	11-14-03		1	WJE ALL
<u>FORWARD NOSE SECTION FUSELAGE (LEFT) - DESCRIPTION AND OPERATION</u>	11-15-01	1	1	WJE ALL
<u>FORWARD AND NOSE FUSELAGE SECTION (RIGHT) - DESCRIPTION AND OPERATION</u>	11-15-02		1	WJE ALL
<u>FORWARD FUSELAGE AND NOSE SECTION (BOTTOM) - DESCRIPTION AND OPERATION</u>	11-15-03	1	1	WJE 420, 422, 424, 429, 891

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<u>NOSE RADOME - DESCRIPTION AND OPERATION</u>	11-15-04		1	WJE ALL
<u>MAIN LANDING GEAR - DESCRIPTION AND OPERATION</u>	11-16-01		1	WJE ALL
<u>NOSE LANDING GEAR - DESCRIPTION AND OPERATION</u>	11-16-02		1	WJE ALL
<u>RUDDER AND VERTICAL STABILIZER (LEFT SIDE) - DESCRIPTION AND OPERATION</u>	11-18-01		1	WJE ALL
<u>RUDDER AND VERTICAL STABILIZER (RIGHT SIDE) - DESCRIPTION AND OPERATION</u>	11-18-02		1	WJE ALL
<u>MAIN GEAR WHEELWELL - DESCRIPTION AND OPERATION</u>	11-19-01		1	WJE ALL
<u>WING - FUEL CONTROL PANEL - DESCRIPTION AND OPERATION</u>	11-21-01		1	WJE ALL
<u>WING - LEFT (LOWER SURFACE) - DESCRIPTION AND OPERATION</u>	11-21-02		1	WJE ALL
<u>WING - LEFT (UPPER SURFACE) - DESCRIPTION AND OPERATION</u>	11-21-03		1	WJE ALL
<u>WING - RIGHT (LOWER SURFACE) - DESCRIPTION AND OPERATION</u>	11-21-04		1	WJE ALL
<u>WING - RIGHT (UPPER SURFACE) - DESCRIPTION AND OPERATION</u>	11-21-05		1	WJE ALL
<u>WINGS - BOTH - DESCRIPTION AND OPERATION</u>	11-21-06		1	WJE 412, 414
<u>PYLONS - DESCRIPTION AND OPERATION</u>	11-22-01		1	WJE ALL
<u>FLIGHT COMPARTMENT - DESCRIPTION AND OPERATION</u>	11-31-01		1	WJE ALL
<u>AFT ACCESSORY COMPARTMENT - DESCRIPTION AND OPERATION</u>	11-32-01		1	WJE ALL
<u>TAIL CONE COMPARTMENT - DESCRIPTION AND OPERATION</u>	11-32-03		1	WJE ALL
<u>FORWARD ACCESSORY COMPARTMENT - DESCRIPTION AND OPERATION</u>	11-32-04		1	WJE ALL

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<u>PASSENGER DOORS -DESCRIPTION AND OPERATION</u>	11-34-01	2	1	WJE 422, 425, 427, 868, 875-879
<u>PASSENGER DOORS - DESCRIPTION AND OPERATION</u>	11-34-01	3	1	WJE 401-412, 414-421, 423, 424, 426, 429, 861-866, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893
<u>SERVICE ENTRANCE DOORS - DESCRIPTION AND OPERATION</u>	11-34-02		1	WJE ALL
<u>PASSENGER INSTRUCTION SIGNS - DESCRIPTION AND OPERATION</u>	11-34-03	4	1	WJE 886, 887
<u>PASSENGER INSTRUCTION SIGNS - DESCRIPTION AND OPERATION</u>	11-34-03	8	1	WJE 405-411, 415-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 891-893
<u>PASSENGER INSTRUCTION SIGNS - DESCRIPTION AND OPERATION</u>	11-34-03	11	1	WJE 875-879
<u>PASSENGER INSTRUCTION SIGNS - DESCRIPTION AND OPERATION</u>	11-34-03	13	1	WJE 412, 414; ME ORIGINATED DATA
<u>OXYGEN SIGNS - DESCRIPTION AND OPERATION</u>	11-34-04		1	WJE 401-404, 406-408, 411, 412, 414-427, 429, 861-866, 868, 869, 871-880, 886, 887, 891-893
<u>FIRE EXTINGUISHER SIGNS - DESCRIPTION AND OPERATION</u>	11-34-05	1	1	WJE 401-404, 412, 414, 886, 887
<u>FIRE EXTINGUISHER SIGNS - DESCRIPTION AND OPERATION</u>	11-34-05	2	1	WJE 405-411, 415-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 891-893
<u>FIRE EXTINGUISHER SIGNS - DESCRIPTION AND OPERATION</u>	11-34-05	3	1	WJE 875-879
<u>FIRST AID KIT SIGNS - DESCRIPTION AND OPERATION</u>	11-34-06		1	WJE 412, 414
<u>FIRST AID KIT SIGNS - DESCRIPTION AND OPERATION</u>	11-34-06	1	1	WJE 886, 887

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<u>DITCHING EQUIPMENT SIGNS - DESCRIPTION AND OPERATION</u>	11-34-07		1	WJE 405-411, 880, 881, 883, 884, 886, 887
<u>OVERHEAD STOWAGE SIGNS - DESCRIPTION AND OPERATION</u>	11-34-08		1	WJE ALL
<u>EMERGENCY TRANSMITTER SIGNS - DESCRIPTION AND OPERATION</u>	11-34-09		1	WJE 401-404, 412, 414, 875-879
<u>COATROOMS/STOWAGE COMPARTMENTS - DESCRIPTION AND OPERATION</u>	11-35-01		1	WJE 405-411, 880, 881, 883, 884, 886, 887
<u>CURTAINS AND PARTITIONS - DESCRIPTION AND OPERATION</u>	11-36-01		1	WJE 405-411, 880, 881, 883, 884, 886, 887
<u>AFT GALLEYS - DESCRIPTION AND OPERATION</u>	11-38-01	4	1	WJE 405-411, 880, 881, 883, 884
<u>FORWARD GALLEYS - DESCRIPTION AND OPERATION</u>	11-38-02	11	1	WJE 405-411, 880, 881, 883, 884
<u>INTERIORS - SIGNS AND PLACARDS - DESCRIPTION AND OPERATION</u>	11-39-01	2	1	WJE ALL
<u>SEATS - DESCRIPTION AND OPERATION</u>	11-41-01		1	WJE ALL
<u>INTERNAL DECALS - MISCELLANEOUS - DESCRIPTION AND OPERATION</u>	11-50-01		1	WJE ALL

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REQUIRED PLACARDS - DESCRIPTION AND OPERATION

1. General

- A. Placards, nameplates, stencils, and markings which give servicing instructions, safety precautions and government required markings are illustrated with locations of the markings shown. The external markings section includes markings, nameplates, or placards behind access panels or doors that can be seen only from outside the airplane. These markings are shown with the access panels or door open.

2. Stencils and Markings

- A. The size and color of ink or paint of each stencil or marking which requires replacement is indicated on the illustration. Fuel resistant ink or paint is required when replacing external stencils or markings.

3. Decals

- A. Decals supplied are of three types: pressure-sensitive vinyl film, solvent activated adhesive vinyl film, and water mounting types. Pressure sensitive vinyl film requires pressure for direct application. Solvent activated vinyl film requires an activator applied to the adhesive before application. The water mounting types require soaking in water before application.

4. Nameplates and Placards

- A. Nameplates or placards are supplied as solvent activated adhesive or screw attached types. Those nameplates or placards which have activated adhesive require a solvent activator applied to the adhesive before application.
 - (1) Self-luminous (radioactive) placards are used primarily to show the location of exit doors that may be used to evacuate passenger compartments during an emergency.

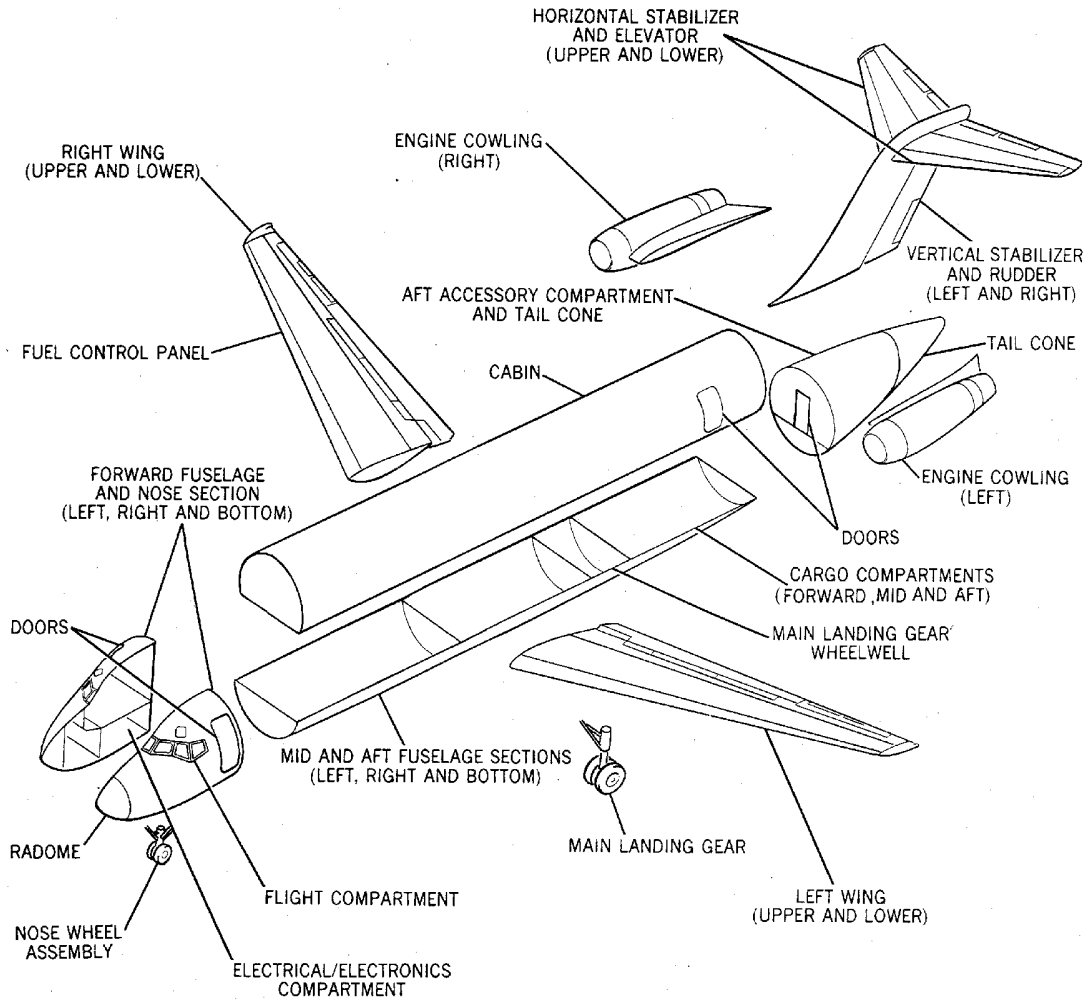
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WJE ALL

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BBB2-11-79

**Marking Areas Breakdown
Figure 1/11-00-00-990-801**

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5. Government Required Markings

A. Government required markings are indicated by a delta symbol on all illustrations.

6. Stations

- A. The aircraft is divided into reference points in inches, designated as station numbers. These station numbers provide a means of quickly identifying the location of components, the center of gravity, and the distribution of weight. Three axes are used in plotting station numbers: the lateral or X-axis, the longitudinal or Y-axis, and the vertical or Z-axis.
- B. The following is a glossary of terms used in the station numbering system.

FRP --	Fuselage reference plane is used as a basic reference. It extends along the fuselage cusps. The reference plane has an angle of 1 degree 1 minute 59 seconds with respect to the ^{*[1]} ground plane.
WRP --	Wing reference plane contains the trailing edge of the wing and has an angle of dihedral of 3 degrees with respect to the fuselage reference plane.
X-axis --	Divided into segments in inches along the lateral plane. There is an X-axis subsystem designation for all subsystems.
Y-axis --	Divided into segments in inches along the longitudinal plane. There is a Y-axis subsystem designation for all subsystems.
Z-axis --	Divided into segments in inches along the vertical plane. There is a Z-axis subsystem designation for all subsystems.

*[1] Based on 11.2 inch rolling radius (1.5 inch strut extension) for the nosegear and 18.3 inch rolling radius (1.0 inch strut extension) for the main gear. The rolling radius for either gear is determined by measuring from the center of the hub to the ground while the aircraft is in a ground roll position.

C. Wing Subsystem Designations

X _{CW} --	This subsystem designation refers to the center, or constant, section of the wing. It consists of stations in inches, parallel to the centerline of the aircraft and extending outboard 121.7 inches from its origin at the aircraft centerline to its terminus at the dihedral break.
X _W --	This wing substation designation denotes stations in inches, perpendicular to fuselage stations and perpendicular to the WRP, beginning at the aircraft centerline and extending outboard to infinity.
X _F --	This designation represents stations in inches, located perpendicular to the wing flap hinge line, beginning at the aircraft centerline.
X _A --	This designation represents stations in inches, located perpendicular to the aileron hinge line, beginning at the aircraft centerline.
X _{FS} --	This designation is both a wing and a horizontal stabilizer station numbering subsystem, representing stations in inches, located perpendicular to their front spars. In the wing, the points of origin are at the aircraft centerline.
X _{RS} --	This wing substation designation refers to stations in inches, located perpendicular to the rear spar and beginning at the aircraft centerline.

D. Horizontal Stabilizer Subsystem Designations

X _E --	This designation refers to stations in inches, located perpendicular to the elevator hinge line.
X _{ET} --	This subsystem designation represents stations in inches, located perpendicular to the elevator tab hinge line.
X _{FS} --	This designation represents stations in inches, located perpendicular to the front spar. The point of origin is the centerline of the fuselage.

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X_H --	This subsystem designation represents the stations in the horizontal stabilizer system parallel to the fuselage centerline. The subsystem's point of origin is at the fuselage centerline.
X_{HS} --	This designation represents stations in inches, located parallel to the horizontal stabilizer bulkheads. The point of origin is the fuselage centerline.
X_{HR} --	This subsystem designation represents stations in inches perpendicular to the horizontal stabilizer chord plane and perpendicular to fuselage stations.

E. Vertical Stabilizer Subsystem Designations

Z_V --	This subsystem designation denotes the stations in the vertical stabilizer system. Its origin is located 83 inches above the fuselage reference plane at fuselage station 1431.300. The stations in this subsystem are segments divided into inches, parallel to the fuselage reference plane.
Z_{FS} --	This subsystem designation represents the front spar system of the vertical stabilizer. It consists of stations divided into inches, located perpendicular to the front spar and originating at $Z_v = 0$.
Z_R --	This subsystem designation refers to the rudder system of the vertical stabilizer. It consists of stations divided into inches, located perpendicular to the rudder hinge line and originating at $Z_v = 0$.
Z_{RS} --	This subsystem designation refers to the rear spar system of the vertical stabilizer. It consists of stations divided into inches, located perpendicular to the rear spar and originating at $Z_v = 0$.
Z_{RT} --	This designation represents the rudder tab hinge system of the vertical stabilizer. It consists of stations divided into inches, located perpendicular to the hinge line of the rudder tab, and originating at $Z_v = 0$.

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RADIOACTIVE SIGNS - 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 IMMEDIATELY.

- A. Radioactive (self-illuminating) signs (nameplates) contain tritium gas filled capsules. The capsules are cushioned by a silicone rubber adhesive and are imbedded in a durable plastic rectangle that makes up the sign. The radioactive tritium gas presents no radiological problem when the signs are intact. Minor nicks or scratches on the signs present no hazard.

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

- B. Radioactive signs (nameplates) are the self-illuminating exit signs in the cabin area; and the pneumatic crossfeed nameplate, aileron trim indicator nameplate and pointer, rudder trim indicator nameplate and pointer, and stabilizer position trim pointer, if installed.
- C. These signs operate without batteries, bulbs, or external power source. These 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 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 units. No sign may continue to be used if its luminescence (brightness) decreases below 100 micro-lamberts. The radioactive tritium gas presents no danger to personnel as long as the signs remain intact. Dispose of damaged units or those which have exceeded their useful life.
- D. Following precautionary measures must be observed during handling of radioactive signs:
- (1) Aircraft air conditioning system should be operated whenever possible while changing or providing maintenance on signs. 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. Signs 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 sign in any manner can only be made by original manufacturer.
 - (4) Store signs in protective containers in a well ventilated area.

2. Tools and Equipment Required

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 Tools and Equipment Required

Name & Number	Manufacturer
Comparator CAN/DB/45/1	Self Powered Lighting Ltd. 8 Westchester Plaza Elmsford, New York
Adhesive, epoxy EC2216 DPM 3279	Minnesota Mining & Mfg Co. Los Angeles, CA
Solvent, isopropyl alcohol DPM 530	Commercially available
Rubber gloves	
Plastic bag	
Protective container, (metal, wood, or fiberboard)	
Cushioning material	

3. Removal/Installation Radioactive Sign and Pointers

A. Remove Undamaged Sign.

- (1) Turn on aircraft air conditioning system. (PAGEBLOCK 21-00-00/001)

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

- (2) Check sign for cracks or breakage.

NOTE: IF CRACKS OR BREAKAGE OF SIGN IS OBSERVED DURING REMOVAL, PROCEED IMMEDIATELY TO Paragraph 3.B..

- (3) Remove mounting screws from sign.
- (4) Remove sign.
- (5) Wrap sign in protective material, place in protective container and seal prior to storage or shipping.

NOTE: Do not package more than ten signs in one container.

NOTE: Any type of metal, wooden, or fiberboard container may be used to contain sign. Signs should be packed so they have adequate cushioning for protection.

B. Remove Damaged Sign.

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

- (1) Turn on aircraft air conditioning system. 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. (PAGEBLOCK 21-00-00/001)

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

- (2) Wearing rubber gloves, remove sign, place in plastic bag and tightly close plastic bag.
- (3) Immediately remove sign 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 Sign.

- (1) Turn on aircraft air conditioning system, or large capacity fans to circulate air in cabin.
(PAGEBLOCK 21-00-00/001)

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

- (2) Check sign for cracks or breakage.

NOTE: IF CRACKS OR BREAKAGE OF SIGN IS OBSERVED DURING REMOVAL, PROCEED IMMEDIATELY TO Paragraph 3.B..

- (3) Hold sign in position.
- (4) Install mounting screws.

D. Install Pointers (Aileron and Rudder Trim Pointers)

- (1) Turn on aircraft air conditioning system, or large capacity fans to circulate air in cabin.
(PAGEBLOCK 21-00-00/001)
- (2) Check pointer tip for damage.

WARNING: DO NOT ABRABE, SCUFF, OR ALTER SURFACE OF POINTER TIP, OR ALTER POINTER TIP IN ANY MANNER. AILERON AND RUDDER POINTER TIPS CONTAIN TRITIUM GAS FILLED CAPSULES. TRITIUM IS CONSIDERED TO BE LOW LEVEL TOXIC ISOTOPE AND PRESENTS NO HEALTH HAZARD AS LONG AS POINTER TIP IS INTACT AND NOT BROKEN.

- (3) Prepare surface (top of pedestal pointer) by scuffing with medium grit abrasive paper until surface gloss is removed.

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.

- 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.

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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 THIS HAZARDOUS AGENT.

(4) Wipe surface with clean wiper dampened with (isopropyl alcohol) to remove any residue.

WARNING: EPOXY ADHESIVE IS AN AGENT THAT IS POISONOUS AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY ALL OF THE PRECAUTIONS WHEN EPOXY ADHESIVE 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 EPOXY ADHESIVE 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.

(5) Apply (EC-2216) adhesive to pedestal pointer and attach pointer tip to pedestal pointer, and allow to cure for 24 hours at room temperature, or 2 hour cure at room temperature, plus 2 hours at 160°F; constant service temperature 200°F maximum.

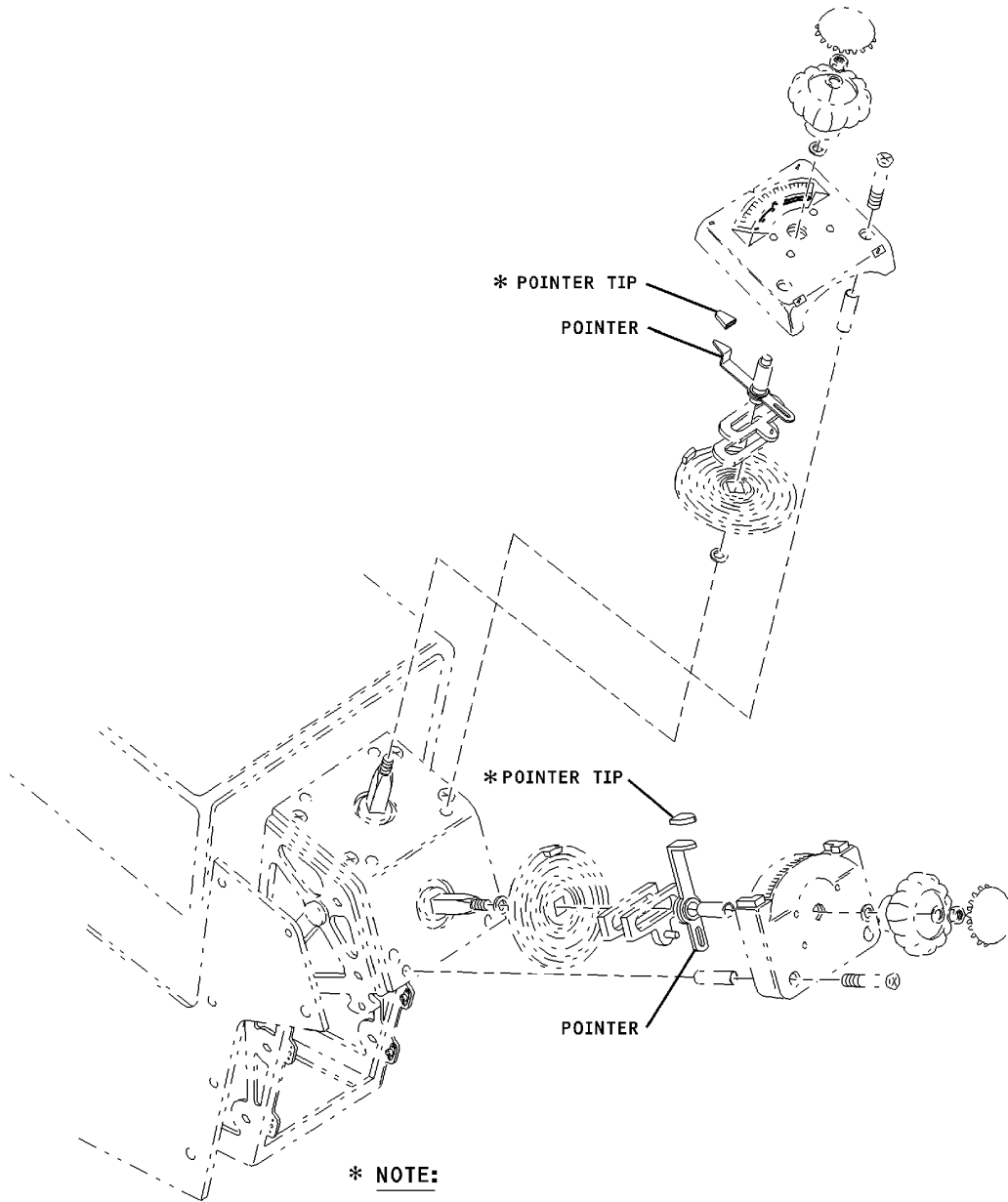
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*** NOTE:**

AILLERON AND RUDDER TRIM POINTER TIPS CONTAIN TRITIUM GAS FILLED CAPSULES. TRITIUM IS CONSIDERED TO BE A LOW LEVEL TOXIC ISOTOPE AND PRESENTS NO HEALTH HAZARD AS LONG AS TRIM POINTER TIPS ARE INTACT AND NOT BROKEN. ALTERATION OF POINTER TIPS IN ANY MANOR CAN ONLY BE MADE BY ORIGINAL MANUFACTURER.

CAG(IGDS)

BBB2-11-753

Pedestal Pointer Tip - Installation Figure 201/11-00-01-990-803

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4. Inspection/Check Radioactive Sign

A. Check exit sign.

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

(1) Check sign for cracks or breakage.

NOTE: IF CRACKS OR BREAKAGE OF SIGN IS OBSERVED DURING REMOVAL, PROCEED IMMEDIATELY TO Paragraph 3.B..

(2) With comparator held in front of sign, focus on center of individual letters.

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

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

(3) Compare brightness of sign with comparator internal luminous source. If luminescence of any letter is less than comparator luminous source, replace sign.

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MD-80 AIRCRAFT MAINTENANCE MANUAL

WING ICE DETECTION DECALS - MAINTENANCE PRACTICES

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

1. General

- A. The maintenance practices in this section provide removal/installation and repair of the wing ice detection decals.

WJE 410, 875-879; WJE 401-409, 411, 415-427, 429, 861-866, 868, 869, 871-874, 880, 881, 883, 884, 886, 887, 891-893 POST MD80-30-059

- B. FAA AD 92-03-02 requires installation of ice detection decals with tufts.

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

- C. Measurements for locating missing decals are shown on Figure 201.

- D. The decals fall into five categories as follows:

- (1) Option I: Decal assembly. Decal has plastic tab which holds tuft.
- (2) Option II: Decal with separate tuft mount. Decal has hole in center with separate tuft mount attached to the wing with sealant.
- (3) Option III: Decal is stenciled on wing with separate tuft mount. After stencil is painted on, separate tuft mount is attached to center of stencil with sealant.
- (4) Option IV: Decal is stenciled on wing. Separate tuft mount is mechanically attached to center of stencil.
- (5) Option V: Striped nonskid triangle. No decals or tufts. A series of painted nonskid stripes are painted in triangular area on aft inboard areas of wing.

- E. For usage of wing ice detection decals, refer to COLD WEATHER PROTECTION - SERVICING, PAGEBLOCK 12-30-01/301.

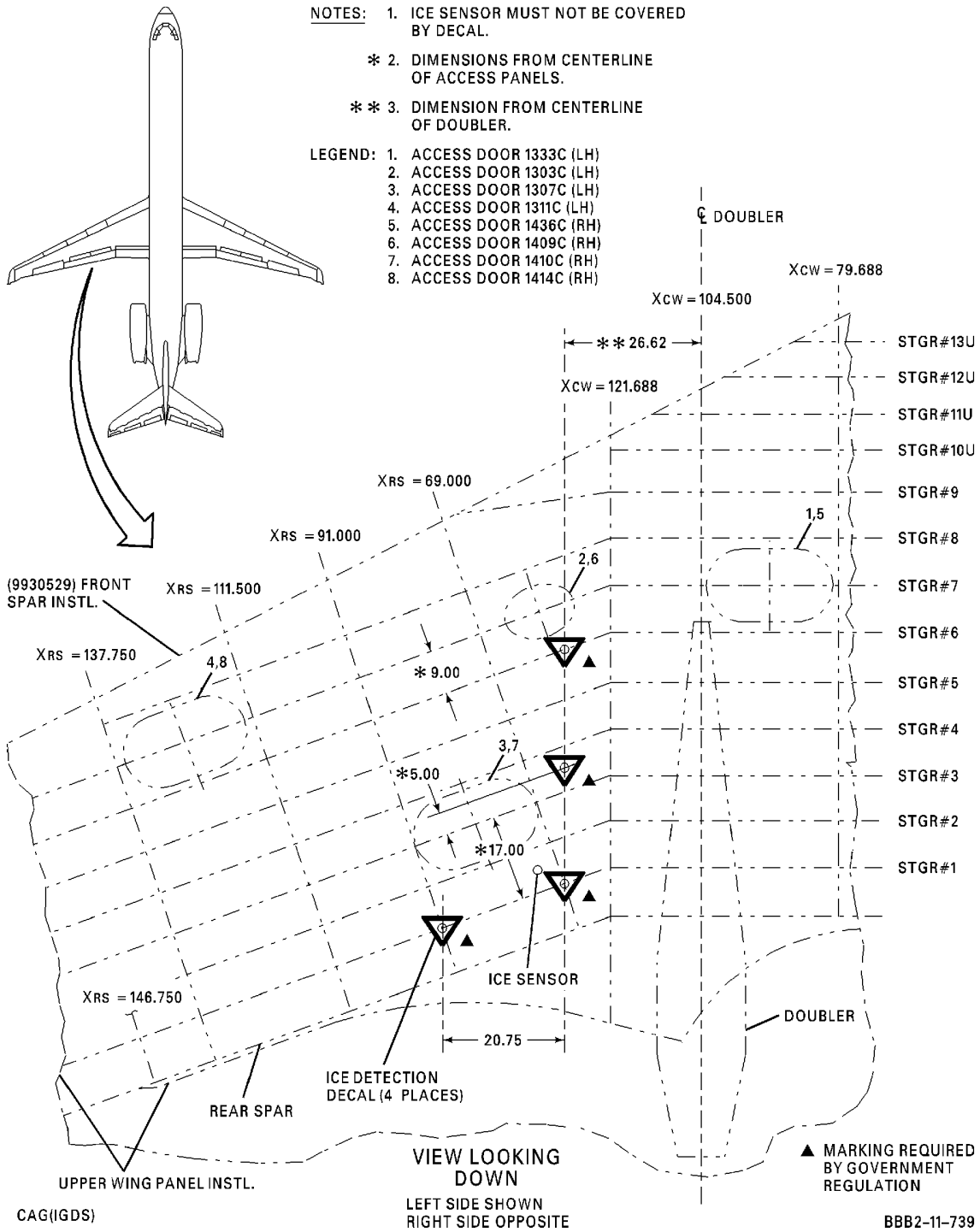
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Wing Ice Detection Decal - Locations
Figure 201/11-00-02-990-812

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

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WJE 412, 414

WJE **2. General**

WJE A. The maintenance practices in this section provide installation and repair of the non-skid stripes.

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

3. 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	Usage
Tuft and decal assembly, 03877-001-501 (knotted,	Vitachrome Graphics Group, Inc. 11517 Los Nietos Dr. Santa Fe Springs, CA 90670	Option I
Decal (No tuft) 03877-002	Vitachrome Graphics Group, Inc. 11517 Los Nietos Dr. Santa Fe Springs, CA 90670	Option II
Tuft, Dacron Cord, 3501-04-02100 (red) (bulk material)	Vitachrome Graphics Group, Inc. 11517 Los Nietos Dr. Santa Fe Springs, CA 90670	Options I, II, III, IV
Tuft mount, 61848	Vitachrome Graphics Group, Inc. 11517 Los Nietos Dr. Santa Fe Springs, CA 90670	Options II,III
Tuft mount, aluminum	Locally manufactured	Option IV
Edge sealer, 683-3-2 clear gloss, with X-310A catalyst (DPM 5557)	AKZO coatings, Inc. 434 W. Meats Blvd. Orange, CA 92665	Options I, II
Solvent, 1,1,1, trichloroethane (stabilized vapor degreasing) MIL-T-81533 (DPM 5792)	Commercially available	

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

Table 201 (Continued)

Name and Number	Manufacturer	Usage
Wipers, cotton cleaning, Type II, Class A	Commercially available	
Soft bristle brush	Commercially available	
Heat gun, hand held	Commercially available	Options I, II
Sandpaper, 80 to 100 grit	3-M Company	Options III, IV, V
Nonmetallic scraper		Options II, III
Adhesive/sealant PR 1422,B-1/2 (DMS QPL 2082)	Courtalds Aerospace Inc. Sealants, Adhesives, and Coatings Div. Glendale, CA	Options II, III
Stencil 03877-003	Vitachrome Graphics Group, Inc. 11517 Los Nietos Dr. Santa Fe Springs, CA 90670	Option III, IV
Topcoat, Exterior Polyurethane, 24-F20-405 (yellow), 24-F20-90 (black) (DPM 6337)	Crown-Metro Aerospace Hayward, CA	Option III, IV
Coating, Skydrol resist non-skid (Gray) (DPM 5693-3493)	AKZO coatings, Inc. 434 W. Meats Blvd. Orange, CA 92665	Option V
Masking tape, 0.5 inch and 3 inches wide	3-M Company	Option V

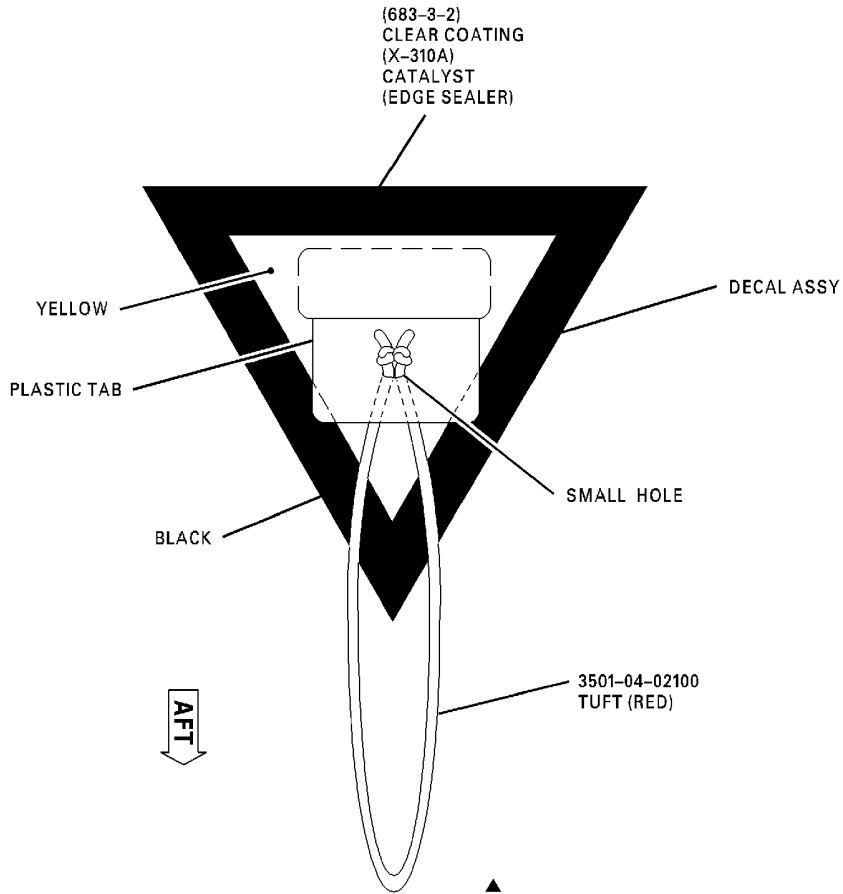
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CAG(IGDS)

BBB2-11-740

Wing Ice Detection Decal - Option I
Figure 202/11-00-02-990-813

EFFECTIVITY

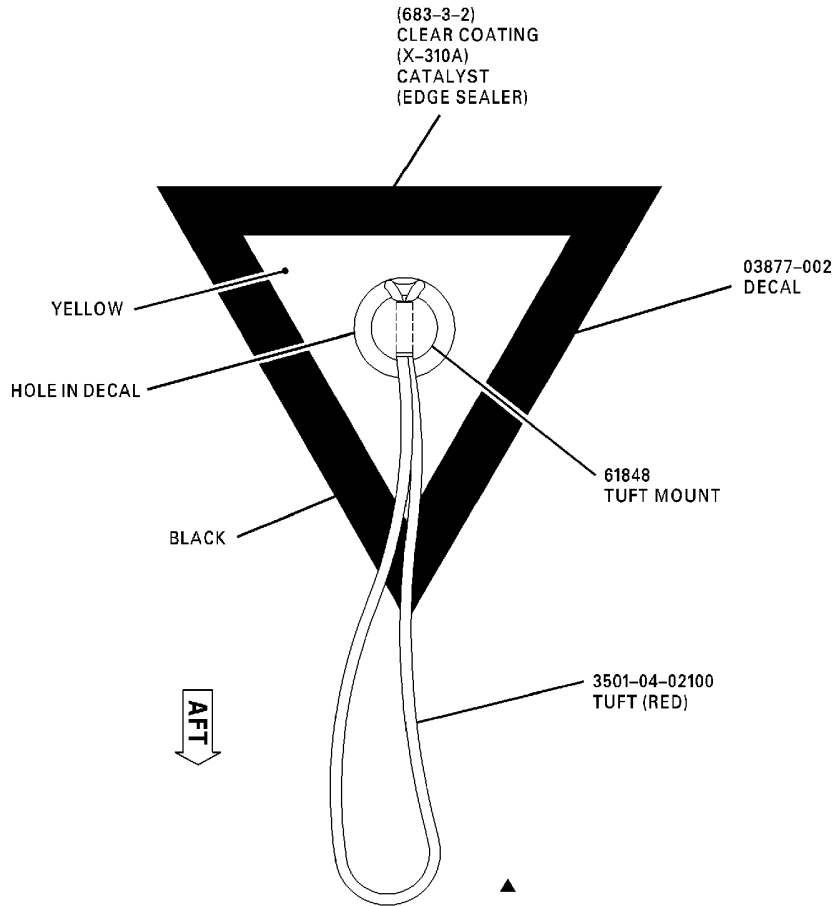
WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 886, 887, 891-893

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▲ MARKING REQUIRED BY GOVERNMENT REGULATION.

CAG(IGDS)

BBB2-11-741

Wing Ice Detection Decal - Option II
Figure 203/11-00-02-990-814

EFFECTIVITY

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

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

4. Wing Ice Detection Decals - Repairs

A. Decal type (Options I and II). (Figure 202) (Figure 203)

(1) Remove unserviceable decal.

(a) Using heat gun set at low power, apply heat to decal, starting at one corner.

(b) When corner is loose, peel decal back while still applying heat.

WARNING: 1,1,1-TRICHLOROETHANE IS AN AGENT THAT IS POISONOUS AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY ALL OF THE PRECAUTIONS WHEN 1,1,1-TRICHLOROETHANE 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 1,1,1-TRICHLOROETHANE 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.

(c) Clean area of decal using 1,1,1 trichloroethane and a soft bristle brush to remove residue of decal adhesive and edge sealer. Wipe dry with clean cotton cloth.

(2) Install new decal.

NOTE: Surface temperature of aircraft should not be below 0°F (- 17.8°C) or over 100°F (38.0°C). For best adhesion, wing surface temperature should be 60°F (16.0°C) to 100°F (38.0°C).

(a) Peel off backing paper and install decal, making sure that there are no air pockets. Air pockets must be pricked with a pin and worked out.

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

WARNING: DECAL POLYURETHANE EDGE SEALER IS AN AGENT THAT IS POISONOUS, FLAMMABLE, EXPLOSIVE, AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN DECAL POLYURETHANE EDGE SEALER 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 DECAL POLYURETHANE EDGE SEALER 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) Apply edge sealer around decal, overlapping edge of decal and surrounding aircraft surface sufficiently to provide an adequate seal. Also, use edge sealer to seal any pin prick holes made to work out air pockets.
- (c) Install tuft mount. (Paragraph 5.A.)
- (d) Install tuft. (Paragraph 7.)

B. Painted type (Options III, IV) (Figure 204)

- (1) Prepare surface.
 - (a) Locate, mark, and abrade triangular surface area to be painted. (Figure 201)
 - (b) Remove cracked and chipped paint.

WARNING: 1,1,1-TRICHLOROETHANE IS AN AGENT THAT IS POISONOUS AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY ALL OF THE PRECAUTIONS WHEN 1,1,1-TRICHLOROETHANE 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 1,1,1-TRICHLOROETHANE IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
- DO NOT BREATHE THE GAS.

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WJE 401-411, 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 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) Clean area of decal using 1,1,1 trichloroethane and a soft bristle brush. Wipe dry with clean cotton cloth.

WARNING: EXTERIOR POLYURETHANE TOPCOAT IS AN AGENT THAT IS POISONOUS, FLAMMABLE, EXPLOSIVE, AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN EXTERIOR POLYURETHANE TOPCOAT 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 EXTERIOR POLYURETHANE TOPCOAT 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) Using stencils, paint triangles on wing surface. Allow to dry thoroughly.
(e) Install tuft mount. (Paragraph 5.A.)
(f) Install tuft. (Paragraph 7.)

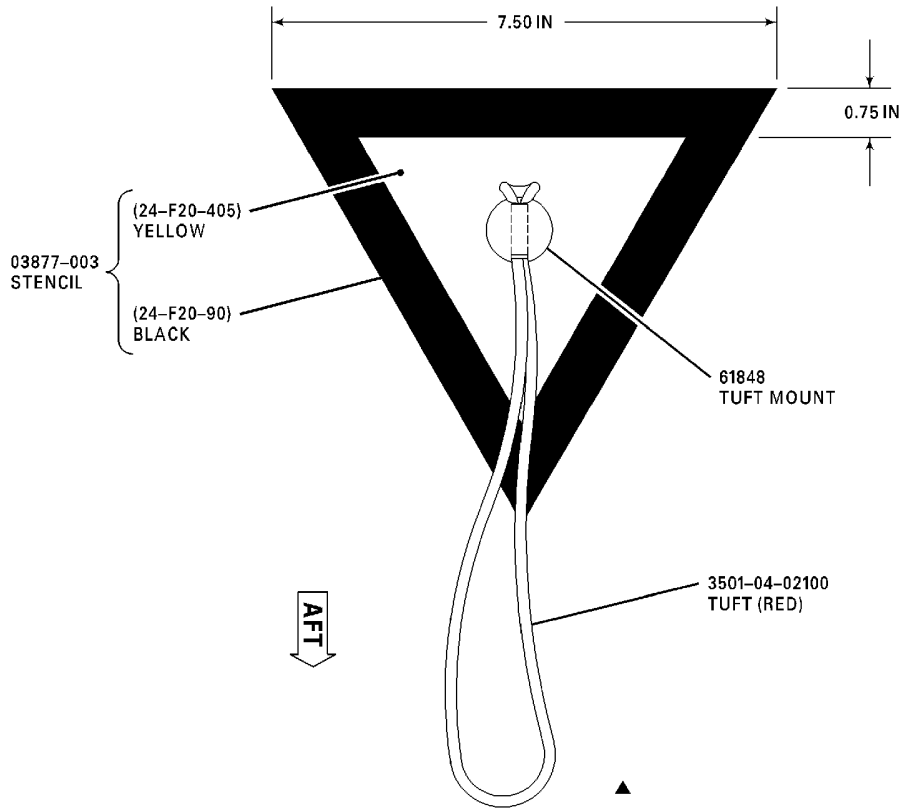
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CAG(IGDS)

BBB2-11-742

Wing Ice Detection Decal - Option III
Figure 204/11-00-02-990-815

EFFECTIVITY

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

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

5. Tuft Mount Repairs - Adhesive (Options II, III)

A. Tuft Mount Installation

(1) Prepare surface.

- (a) On new installations, abrade a circle (1 inch (25.4 mm) diameter) in center of decal (Option II) or yellow triangle (Option III).
- (b) On old installations, scrape old sealant from surface as much as possible with nonmetallic scraper. Abrade circle as instructed in Paragraph 5.A.(1)(a).

WARNING: 1,1,1-TRICHLOROETHANE IS AN AGENT THAT IS POISONOUS AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY ALL OF THE PRECAUTIONS WHEN 1,1,1-TRICHLOROETHANE 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 1,1,1-TRICHLOROETHANE 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.

(2) Clean area of all foreign matter using 1,1,1 trichloroethane. Wipe dry with clean cotton cloth.

WARNING: LOW VISCOSITY POLYSULFIDE SEALANT IS AN AGENT THAT IS POISONOUS AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY ALL OF THE PRECAUTIONS WHEN LOW VISCOSITY POLYSULFIDE SEALANT IS USED.

- GAS/AIR MIXTURE 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 LOW VISCOSITY POLYSULFIDE 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 ALL

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

(WARNING PRECEDES)

- (3) Apply layer of sealant/adhesive approximately 0.5 inch (12.7 mm) thick by 1 inch (25.4 mm) in diameter on abraded circle.
- (4) Position tuft mount on sealant/adhesive with tuft hole running fore and aft. Press tuft mount down with thumbs to make positive seal. Smooth out extruded sealant between tuft mount and wing surface.
- (5) Allow sealant/adhesive to cure between 6 hours (minimum) and 72 hours for complete cure. Careful application of heat gun will speed up curing time.

6. Tuft Mount Removal/Installation - Mechanical (Option IV)

A. Remove Tuft Mount

- (1) Before any maintenance is performed on the fuel tanks, personnel should read and thoroughly understand the general maintenance practices in PAGEBLOCK 28-00-00/201.
- (2) Prepare applicable fuel tank for entry. (PAGEBLOCK 28-00-00/201)
- (3) Close crossfeed valve.
- (4) Defuel applicable tank (DEFUELING, SUBJECT 12-11-01, Page 301) .

WARNING: TAG AND SAFETY CIRCUIT BREAKERS.

- (5) 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>
U	40	B1-40	ENGINE START PUMP

UPPER EPC, FUEL - LEFT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
H	19	B1-918	FWD RIGHT FUEL TANK BOOST PUMP PHASE A, B, & C
H	21	B1-922	FWD CENTER FUEL TANK BOOST PUMP PHASE A, B, & C
H	23	B1-921	AFT LEFT FUEL TANK BOOST PUMP PHASE A, B, & C

UPPER EPC, FUEL - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
J	21	B1-923	AFT CENTER FUEL TANK BOOST PUMP PHASE A,B, & C
J	23	B1-920	FWD LEFT FUEL TANK BOOST PUMP PHASE A, B, & C

UPPER EPC, GND SERV

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
J	19	B1-919	AFT RIGHT FUEL TANK BOOST PUMP PHASE A, B, & C

- (6) Remove access door.
- (7) Remove damaged tuft mount.

B. Install Tuft Mount

EFFECTIVITY
WJE ALL

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TP-80MM-WJE

MD-80 AIRCRAFT MAINTENANCE MANUAL

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

WARNING: TAG AND SAFETY CIRCUIT BREAKERS.

- (1) 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>
U	40	B1-40	ENGINE START PUMP

UPPER EPC, FUEL - LEFT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
H	19	B1-918	FWD RIGHT FUEL TANK BOOST PUMP PHASE A, B, & C
H	21	B1-922	FWD CENTER FUEL TANK BOOST PUMP PHASE A, B, & C
H	23	B1-921	AFT LEFT FUEL TANK BOOST PUMP PHASE A, B, & C

UPPER EPC, FUEL - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
J	21	B1-923	AFT CENTER FUEL TANK BOOST PUMP PHASE A,B, & C
J	23	B1-920	FWD LEFT FUEL TANK BOOST PUMP PHASE A, B, & C

UPPER EPC, GND SERV

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
J	19	B1-919	AFT RIGHT FUEL TANK BOOST PUMP PHASE A, B, & C

- (2) Install tuft mount as follows:

CAUTION: BE CAREFUL NOT TO CONTAMINATE FUEL TANK WITH OLD SEALANT.

- (a) Clean off all sealant, both inside and outside of tank.

WARNING: 1,1,1-TRICHLOROETHANE IS AN AGENT THAT IS POISONOUS AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY ALL OF THE PRECAUTIONS WHEN 1,1,1-TRICHLOROETHANE 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 1,1,1-TRICHLOROETHANE IN THE EYES, ON THE SKIN, OR ON YOUR CLOTHES.
- DO NOT BREATHE THE GAS.

EFFECTIVITY
WJE ALL

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MD-80 AIRCRAFT MAINTENANCE MANUAL

WJE 401-411, 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 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) Clean area of all foreign matter using 1,1,1 trichloroethane. Wipe dry with clean cotton cloth.

WARNING: LOW VISCOSITY POLYSULFIDE SEALANT IS AN AGENT THAT IS POISONOUS AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY ALL OF THE PRECAUTIONS WHEN LOW VISCOSITY POLYSULFIDE SEALANT IS USED.

- GAS/AIR MIXTURE 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 LOW VISCOSITY POLYSULFIDE 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.

- (c) Put sealant between tuft mount and surface, on shank of fastener, in fastener holes, and cover nuts and washers.

CAUTION: BEFORE INSTALLING ACCESS DOOR, PERFORM FINAL CHECK TO MAKE CERTAIN THAT ALL TOOLS, RAGS, HARDWARE, ETC., HAVE BEEN REMOVED FROM TANK.

- (3) Install access door as follows:
- (a) Start screw in door.

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WJE ALL

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MD-80 AIRCRAFT MAINTENANCE MANUAL

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

WARNING: LOW VISCOSITY POLYSULFIDE SEALANT IS AN AGENT THAT IS POISONOUS AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY ALL OF THE PRECAUTIONS WHEN LOW VISCOSITY POLYSULFIDE SEALANT IS USED.

- GAS/AIR MIXTURE 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 LOW VISCOSITY POLYSULFIDE 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) Apply small bead of sealant (PR 1422 B-2) to door countersink or underside of screw head.
 - (c) Tighten screw.
 - (d) Wipe off any excess sealant that may extrude from under screw head.
- (4) 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>
U	40	B1-40	ENGINE START PUMP

UPPER EPC, FUEL - LEFT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
H	19	B1-918	FWD RIGHT FUEL TANK BOOST PUMP PHASE A, B, & C
H	21	B1-922	FWD CENTER FUEL TANK BOOST PUMP PHASE A, B, & C
H	23	B1-921	AFT LEFT FUEL TANK BOOST PUMP PHASE A, B, & C

UPPER EPC, FUEL - RIGHT AC BUS

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
J	21	B1-923	AFT CENTER FUEL TANK BOOST PUMP PHASE A,B, & C
J	23	B1-920	FWD LEFT FUEL TANK BOOST PUMP PHASE A, B, & C

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

UPPER EPC, GND SERV

<u>Row</u>	<u>Col</u>	<u>Number</u>	<u>Name</u>
J	19	B1-919	AFT RIGHT FUEL TANK BOOST PUMP PHASE A, B, & C

- (5) Paint decal around tuft mount per Paragraph 4.B..
- (6) Install tuft per Paragraph 7..

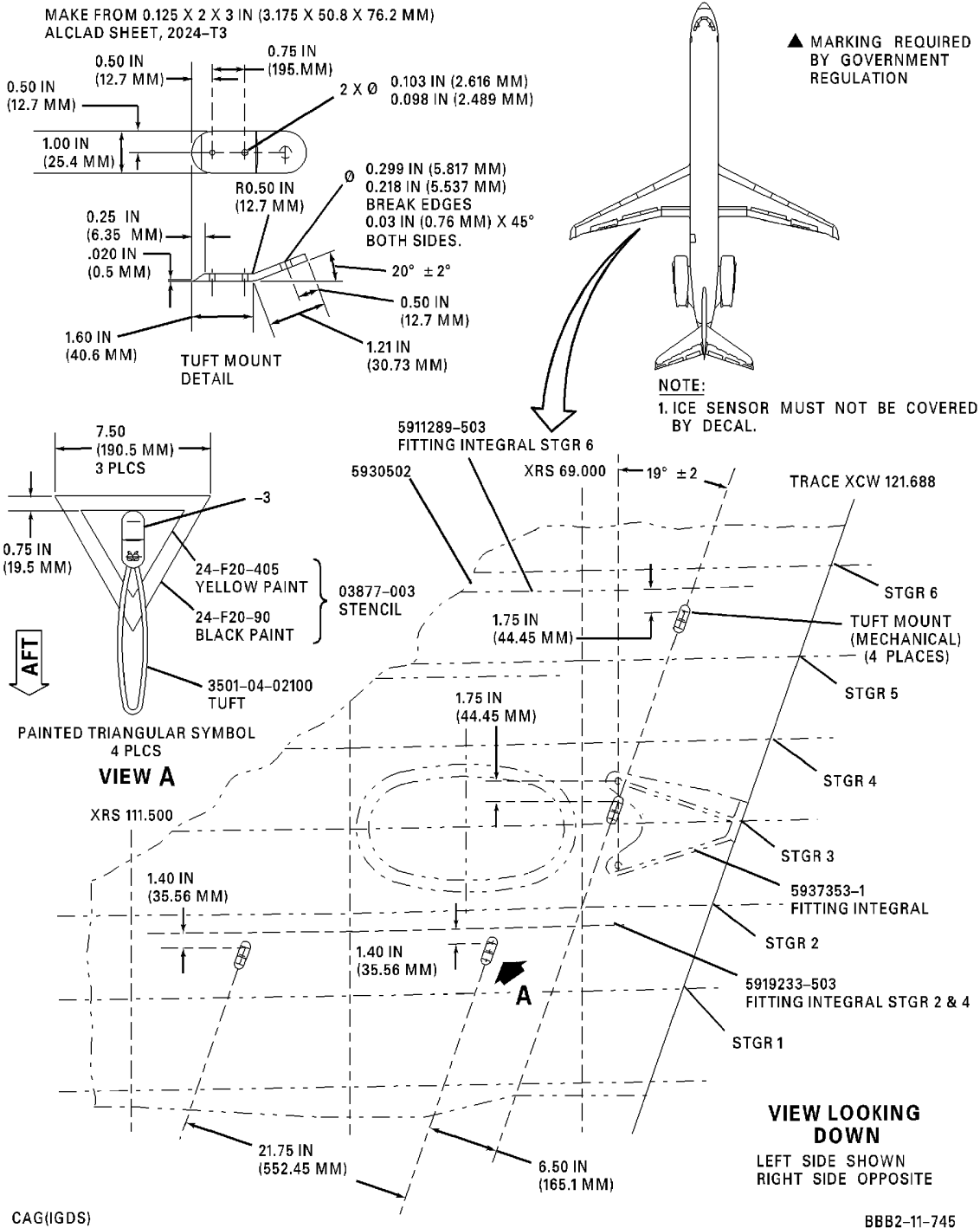
EFFECTIVITY
WJE ALL

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Wing Ice Detection Decal and Tuft Mount-Option IV
Figure 205/11-00-02-990-816

EFFECTIVITY

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

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

7. Tuft Installation

A. Plastic Tab (Option I)

- (1) Remove damaged tuft.
- (2) If bulk cord is used, cut to 18 inches (457.2 mm), and heat weld each end.
- (3) Tie knot in each end of cord; fold in half; push loop through hole in top of plastic tab and pull cord through until knots are against plastic tab.

B. Tuft Mount (Options II, III, IV, V)

- (1) Remove damaged tuft.
- (2) If bulk cord is used, cut to 18 inches (457.2 mm), and heat weld each end.
- (3) Tie knot in each end of cord; fold in half; push loop through hole in forward end of tuft mount, and pull cord through until knots are against forward end of tuft mount.

WJE ALL

8. Non-Skid Stripes

A. Prepare surface.

- (1) Remove cracked and chipped paint (if required).
- (2) Remove all tufts and triangles.
- (3) Locate and mark triangular surface area to be painted as follows: (Figure 206)
- (4) Locate most inboard screw on small boost pump cover.
- (5) Measure inboard 3.00(±0.50) inches (76.2(±12.7) mm). Identify as Point A.
- (6) Locate first forward inboard mounting screw on aft fairing clip (P/N 3936826).
- (7) Draw chalk or pencil line between this point and Point A.
- (8) Measure aft from Point A a distance of 58.00(±1.0) inches (1473.0(±25.4) mm). Identify as Point B.
- (9) Locate first forward outboard mounting screw on aft fairing fitting (P/N 5936824).
- (10) Measure forward 1.88(±0.50) inches (13.5(±12.7) mm).
- (11) Draw chalk or pencil line between this point and Point B.
- (12) Measure outboard from Point B a distance of 42.00(±1.0) inches (1066.0(±25.4) mm). Identify as Point C.
- (13) Draw chalk or pencil line between this Points A and C.
- (14) Mask areas as follows:
- (15) Mask area around triangle.
- (16) Mask area 0.5 inch (12.7 mm) around aft boost pump cover.
- (17) Mask top of boost pump cover.
NOTE: Although not recommended, stripes may be painted on boost pump cover if desired.
- (18) Abrade area to be painted within triangle.

EFFECTIVITY
WJE ALL

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WARNING: 1,1,1-TRICHLOROETHANE IS AN AGENT THAT IS POISONOUS AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY ALL OF THE PRECAUTIONS WHEN 1,1,1-TRICHLOROETHANE 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 1,1,1-TRICHLOROETHANE 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.

(19) Clean area of triangle using 1,1,1 trichloroethane and a soft bristle brush. Wipe dry with clean cotton cloth.

(20) Mask area to be painted (stripes) with masking tape. (Figure 206)

B. Apply Non-Skid Paint

WARNING: NON-SKID GRAY SKYDROL RESISTANT COATING IS AN AGENT THAT IS FLAMMABLE, EXPLOSIVE, POISONOUS, AND AN IRRITANT. MAKE SURE ALL PERSONS OBEY THE PRECAUTIONS WHEN NON-SKID GRAY SKYDROL RESISTANT COATING 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 NON-SKID GRAY SKYDROL RESISTANT COATING 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.

(1) Apply non-skid paint with roller or brush. Thickness of paint should be 12 to 16 mils. Two coats are recommended. Allow 4 hours drying time between coats. Allow final coating to cure at least 24 hours.

EFFECTIVITY
WJE ALL

TP-80MM-WJE

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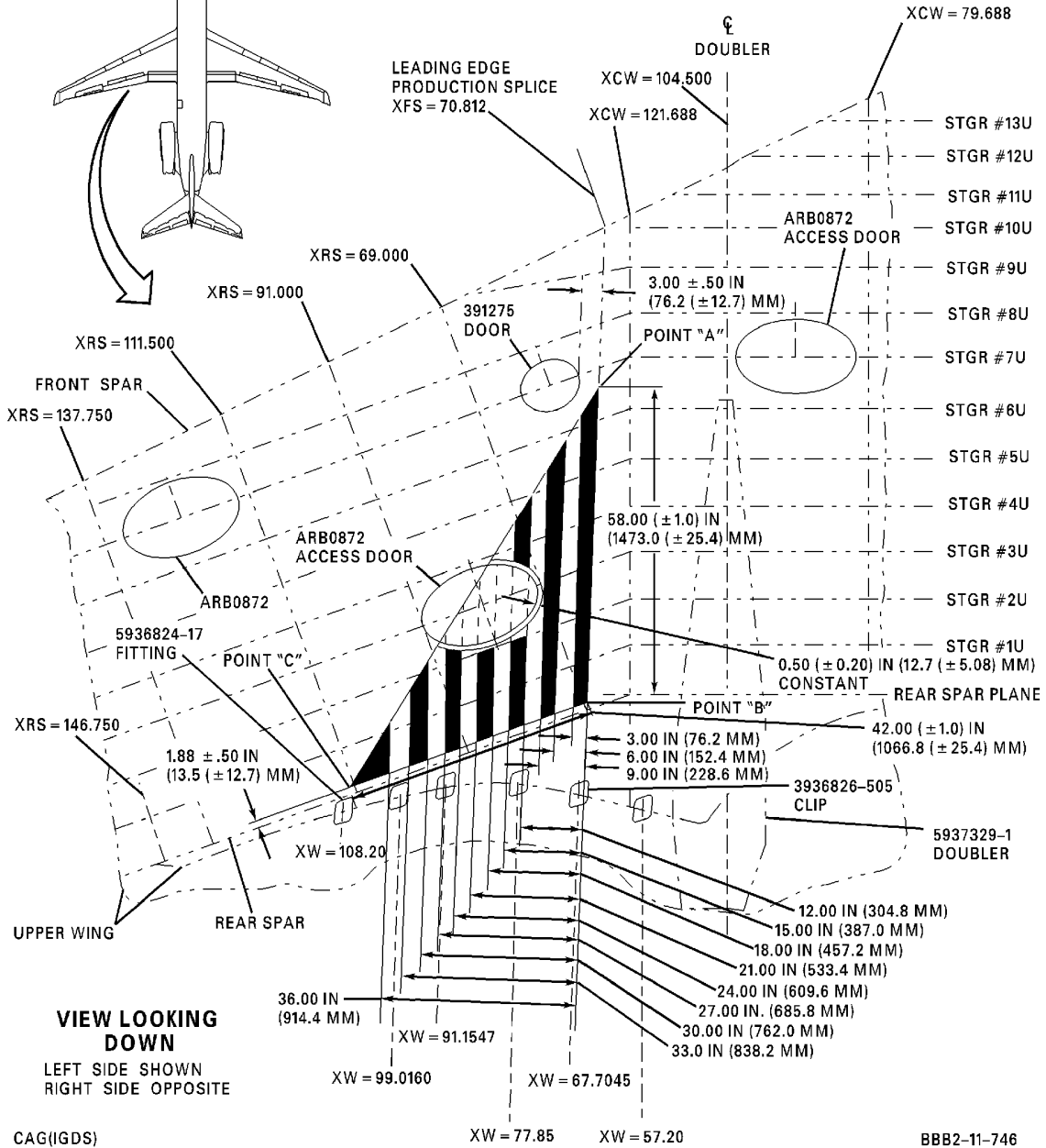
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NOTES:

1. ICE SENSOR MUST NOT BE COVERED BY DECAL.
2. STRIPES ON ACCESS DOOR OPTIONAL, BUT NOT RECOMMENDED.

▲ MARKING REQUIRED BY GOVERNMENT REGULATION



CAG(IGDS)

BBB2-11-746

Stripped Non-Skid Installation - Option V
Figure 206/11-00-02-990-817

EFFECTIVITY
 WJE ALL

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

ENGINE COWLING - DESCRIPTION AND OPERATION

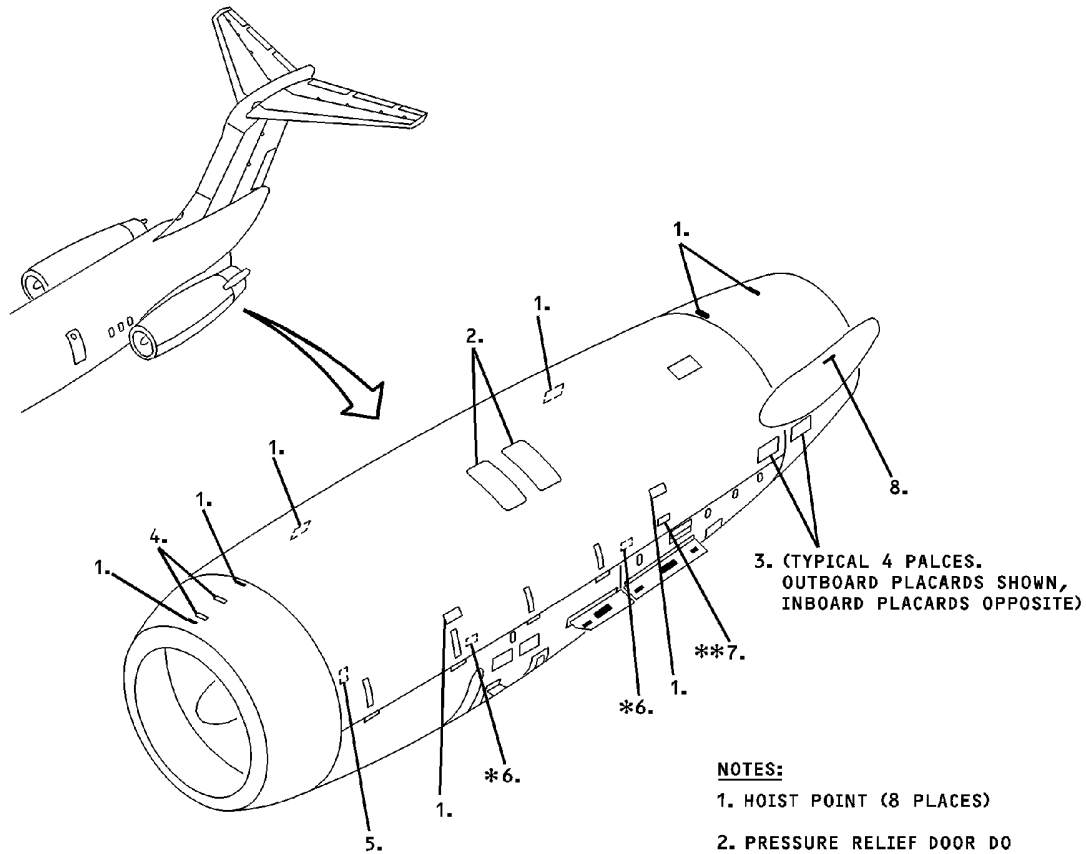
1. Engine Cowling -- Markings



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LEFT ENGINE PLACARDS SHOWN,
RIGHT ENGINE SIMILAR.

NOTES:

1. WARNING AND CAUTION PLACARDS ARE 1/2 INCH (12.70 MM) RED LETTERS ON WHITE BACKGROUND.
2. UNLESS OTHERWISE SPECIFIED ALL LETTERS ARE 1/4 INCH (6.35 MM) BLACK FUEL-RESISTANT PAINT OR DYE.
- * INSIDE ACCESS DOOR
- ** RIGHT ENGINE ONLY BETWEEN YRN 164 AND YRN 174.2 INCHES (50.8 MM) ABOVE SPLIT LINE.

NOTES:

1. HOIST POINT (8 PLACES)
2. PRESSURE RELIEF DOOR DO NOT OPEN
3. **WARNING**
BEFORE SERVICING THRUST REVERSER PULL ARM ON THRUST REVERSER CONTROL VALVE IN FUSELAGE AND INSERT SAFETY PIN
4. ANTI-ICE DUCT ACCESS
5. NOSE COWL ATTACH BOLTS ACCESS
- * 6. HOLD OPEN RODS MUST BE ENGAGED WHEN DOOR IS OPEN
- ** 7. **CAUTION**
DO NOT OPEN UPPER COWL WHEN APU IS OPERATING (RIGHT HAND ENGINE COWL ONLY)
8. NO STEP

CAG(IGDS)

BBB2-11-96

Markings -- Engine Cowling
Figure 1/11-11-01-990-804 (Sheet 1 of 6)

EFFECTIVITY

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

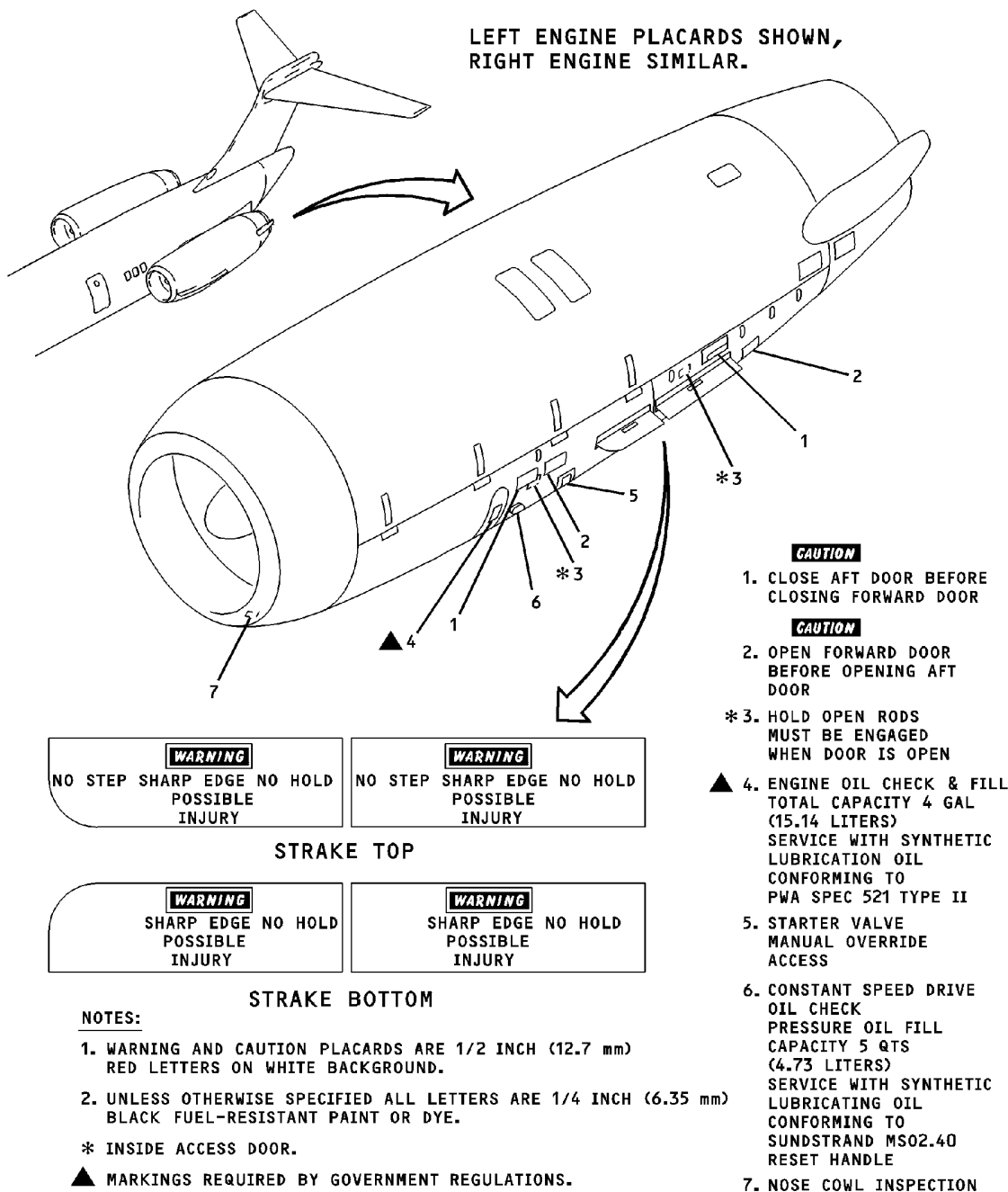
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CAG(IGDS)

BBB2-11-32D

Markings -- Engine Cowling
Figure 1/11-11-01-990-804 (Sheet 2 of 6)

EFFECTIVITY

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

TP-80MM-WJE

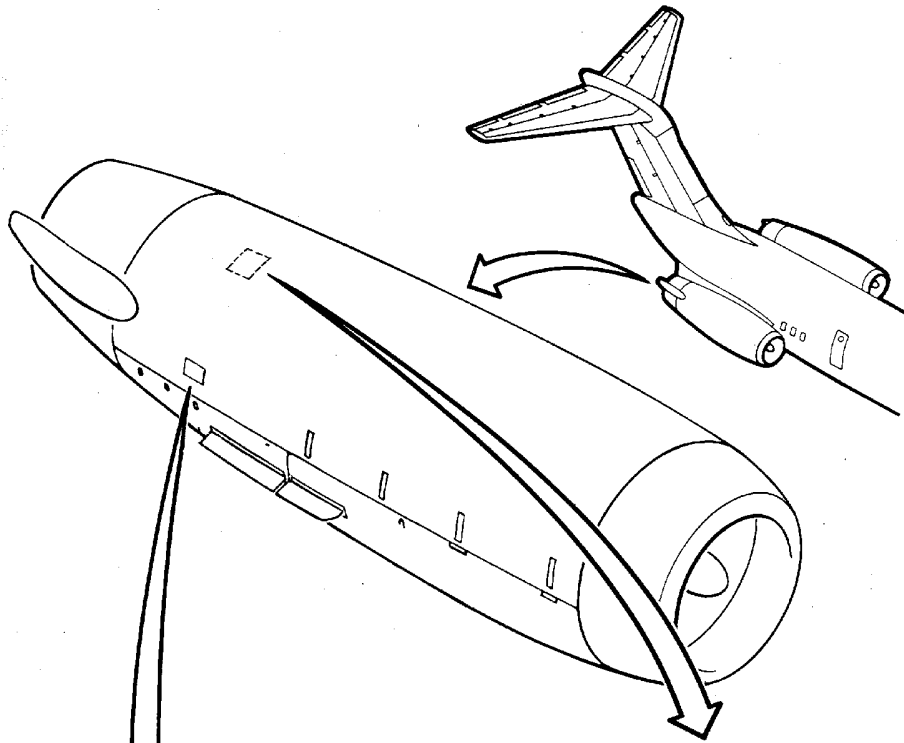
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
Page 3

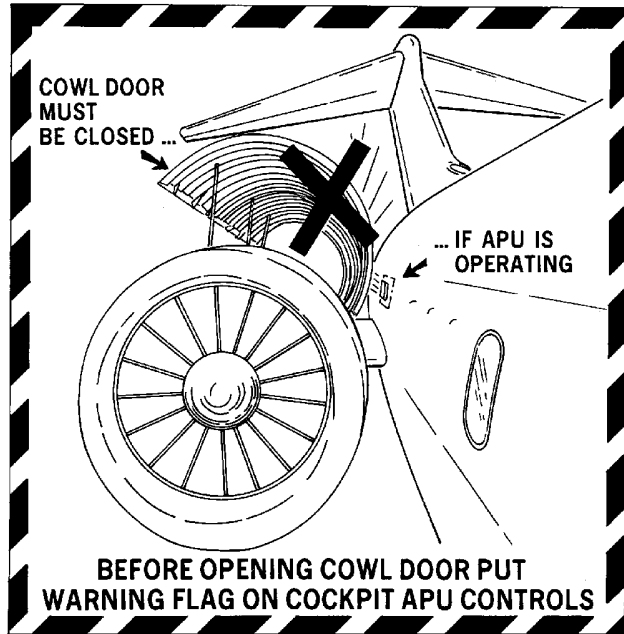
Feb 01/2016

MD-80 AIRCRAFT MAINTENANCE MANUAL



WARNING
DO NOT OPEN UPPER COWL
WHEN APU IS OPERATING

NOTE:
ALL STENCILS ARE 1/2 INCH (12.7 MM) LETTERS
USING CONTRASTING PAINT OR INK COLORS, AND
ARE LOCATED AS SHOWN BY THE SYMBOL 
OR O.
RIGHT HAND COWLING ONLY.



BBB2-11-466

Markings -- Engine Cowling
Figure 1/11-11-01-990-804 (Sheet 3 of 6)

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

TP-80MM-WJE

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

AFT SERVICE DOOR - DESCRIPTION AND OPERATION

1. Aft Service Door -- External Markings

EFFECTIVITY
WJE ALL

TP-80MM-WJE

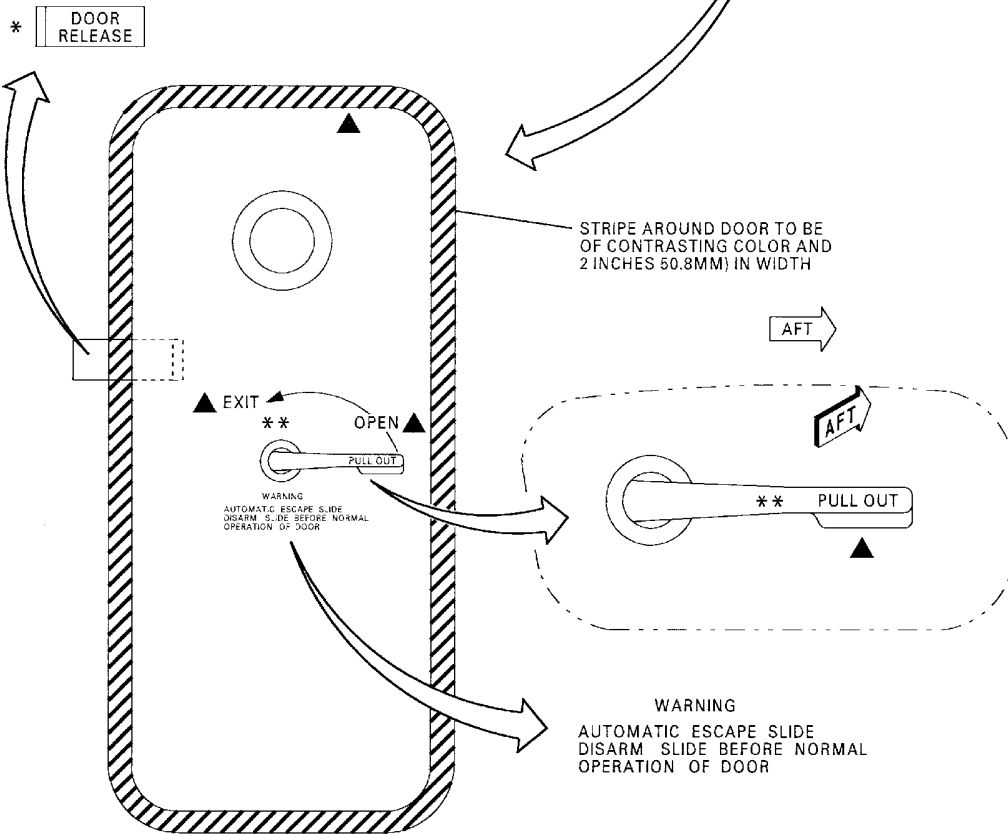
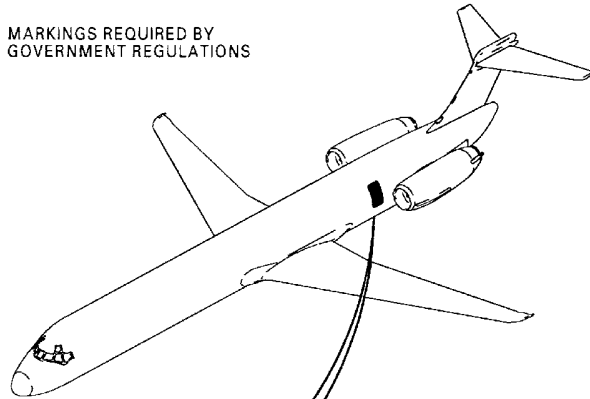
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AIRCRAFT MAINTENANCE MANUAL**

▲ MARKINGS REQUIRED BY GOVERNMENT REGULATIONS

- NOTES:
- * LETTERS ARE 3/8 INCH (9.53 MM) RED PAINT OR INK
 - ** LETTERS ARE 1/2 INCH (12.5 MM) BLACK PAINT OR INK



CAG(IGDS)

BBB2-11-696

**External Markings -- Aft Service Door
Figure 1/11-12-01-990-801 (Sheet 1 of 2)**

EFFECTIVITY
WJE 401-412, 414-427, 429, 884, 886, 887, 893

TP-80MM-WJE

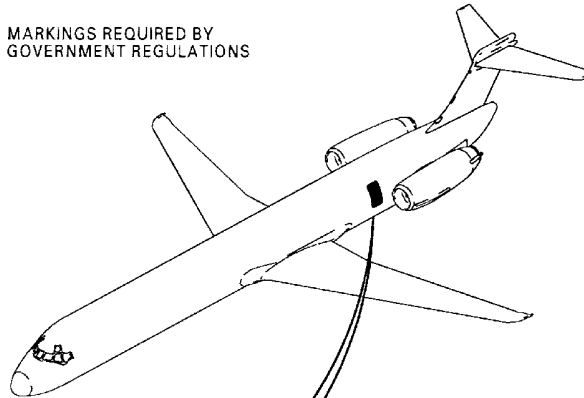
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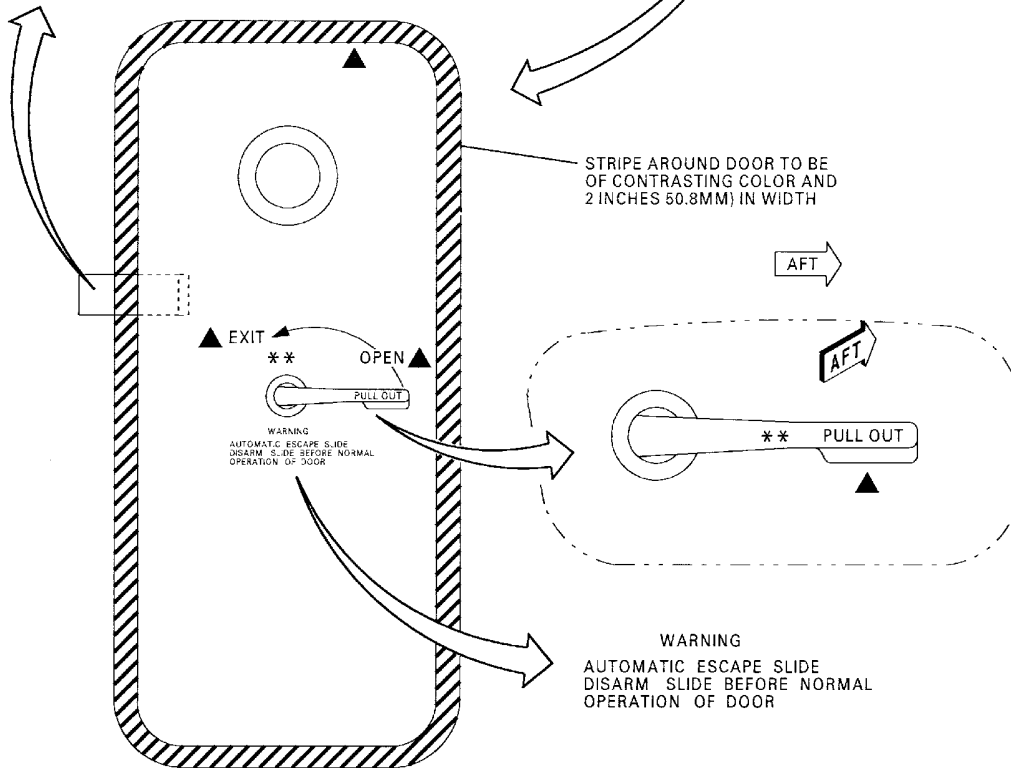
**MD-80
AIRCRAFT MAINTENANCE MANUAL**

▲ MARKINGS REQUIRED BY GOVERNMENT REGULATIONS

- NOTES:
- * LETTERS ARE 3/8 INCH (9.53 MM) RED PAINT OR INK
 - ** LETTERS ARE 1/2 INCH (12.5 MM) BLACK PAINT OR INK



* DOOR RELEASE



CAG(I/GDS)

BBB2-11-696

**External Markings -- Aft Service Door
Figure 1/11-12-01-990-801 (Sheet 2 of 2)**

EFFECTIVITY
WJE 861-866, 868, 869, 871-881, 883, 891, 892

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TP-80MM-WJE

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

**DOORS - FORWARD, MID, AND AFT LOWER CARGO COMPARTMENT - DESCRIPTION AND
OPERATION**

1. Doors -- Forward, Mid, and Aft Cargo Doors -- External Markings

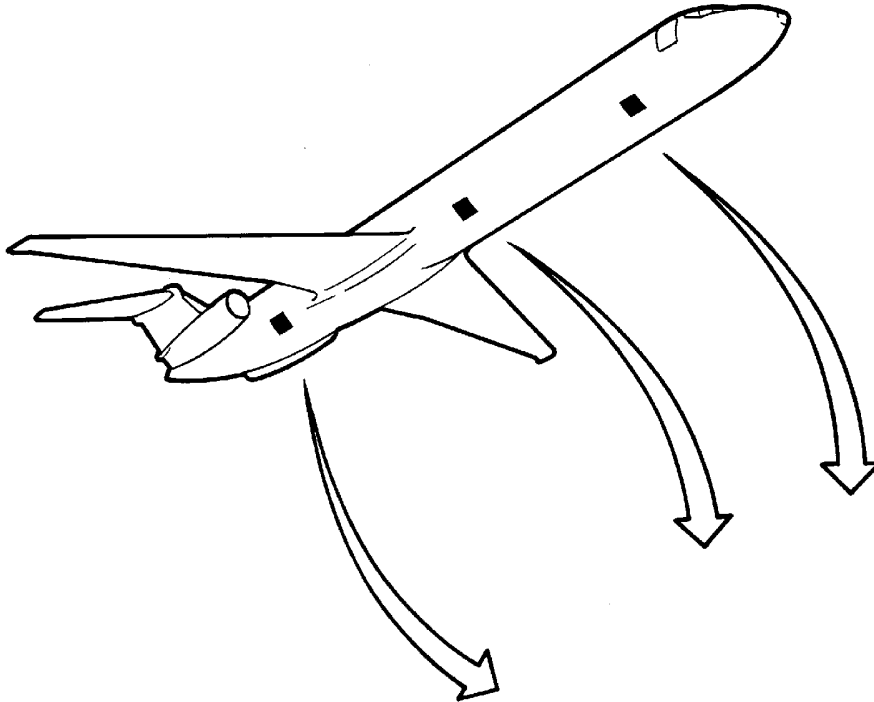
EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-12-02

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NOTE:
ALL STENCILS ARE
1/2-INCH (12.70 MM) LETTERS

TURN HANDLE TO RELEASE
UPLATCH BEFORE CLOSING

TURN HANDLE TO RELEASE
UPLATCH BEFORE CLOSING



BBB2-11-10B

External Markings -- Forward, Mid, and Aft Cargo Doors
Figure 1/11-12-02-990-801

EFFECTIVITY
WJE ALL

TP-80MM-WJE

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AIRCRAFT MAINTENANCE MANUAL**

FORWARD SERVICE DOOR - DESCRIPTION AND OPERATION

1. External Markings -- Forward Service Door

EFFECTIVITY
WJE ALL

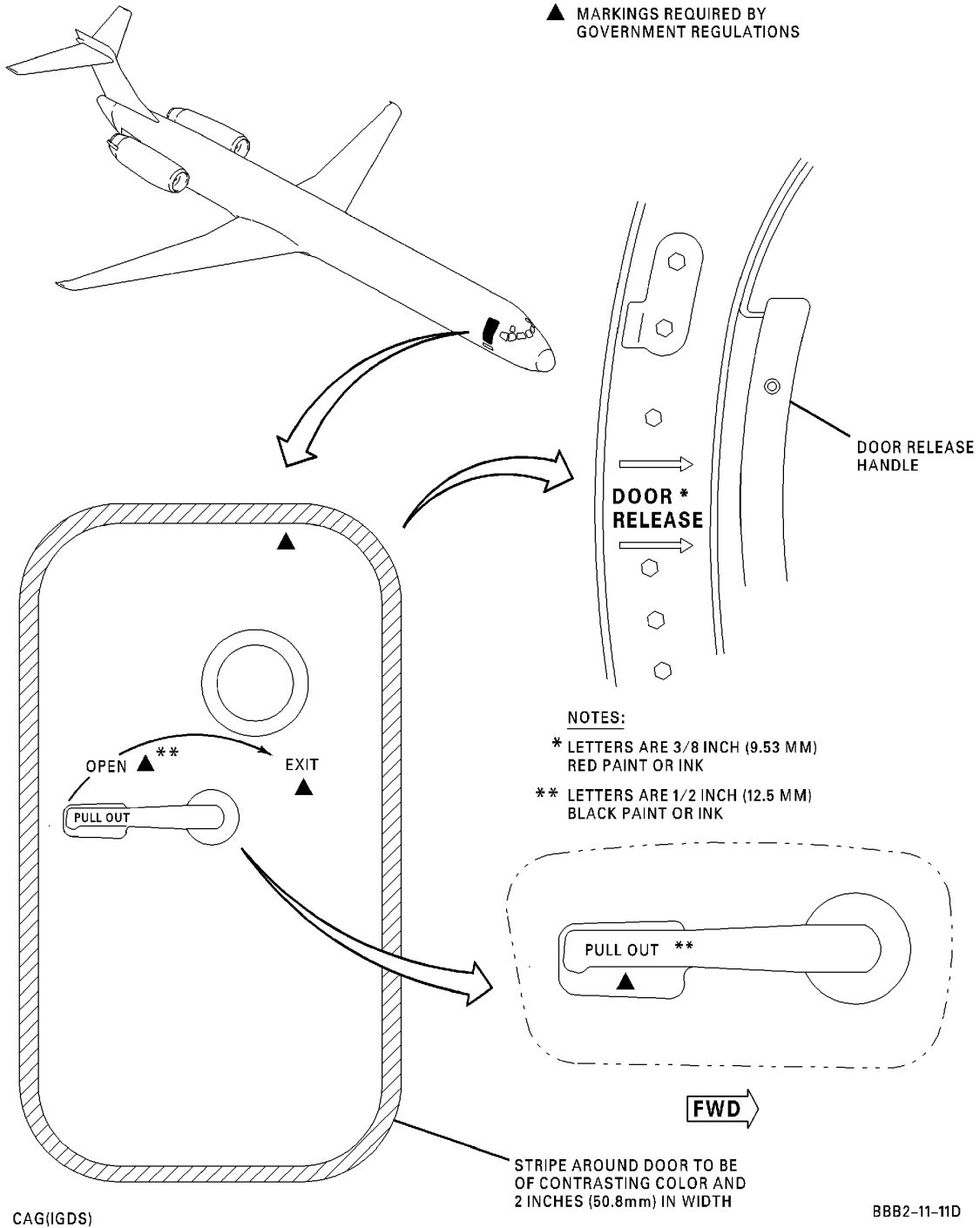
TP-80MM-WJE

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

▲ MARKINGS REQUIRED BY GOVERNMENT REGULATIONS



**External Markings -- Forward Service Door
Figure 1/11-12-03-990-801 (Sheet 1 of 5)**

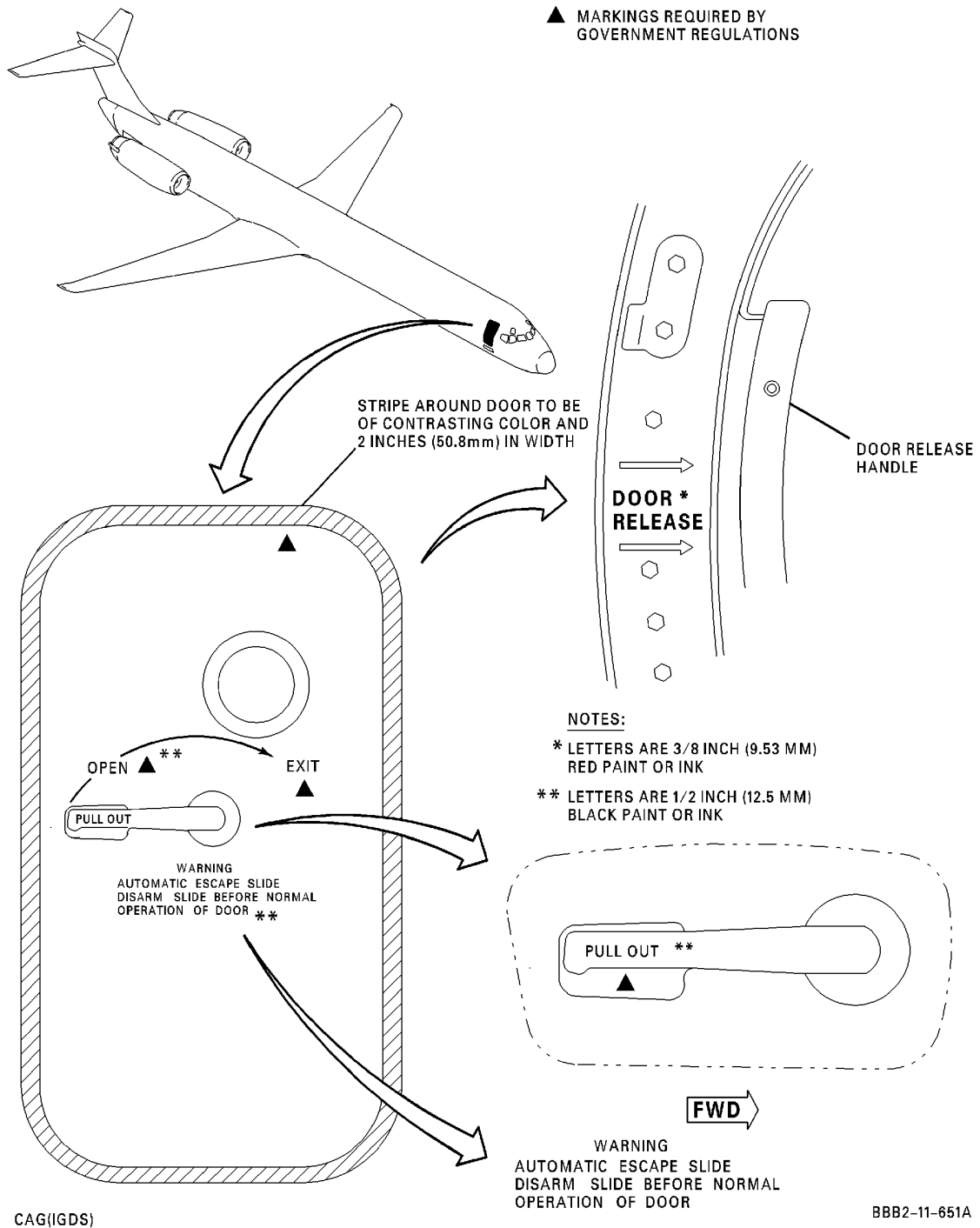
EFFECTIVITY
WJE 406-408, 411

TP-80MM-WJE

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**



**External Markings -- Forward Service Door
Figure 1/11-12-03-990-801 (Sheet 2 of 5)**

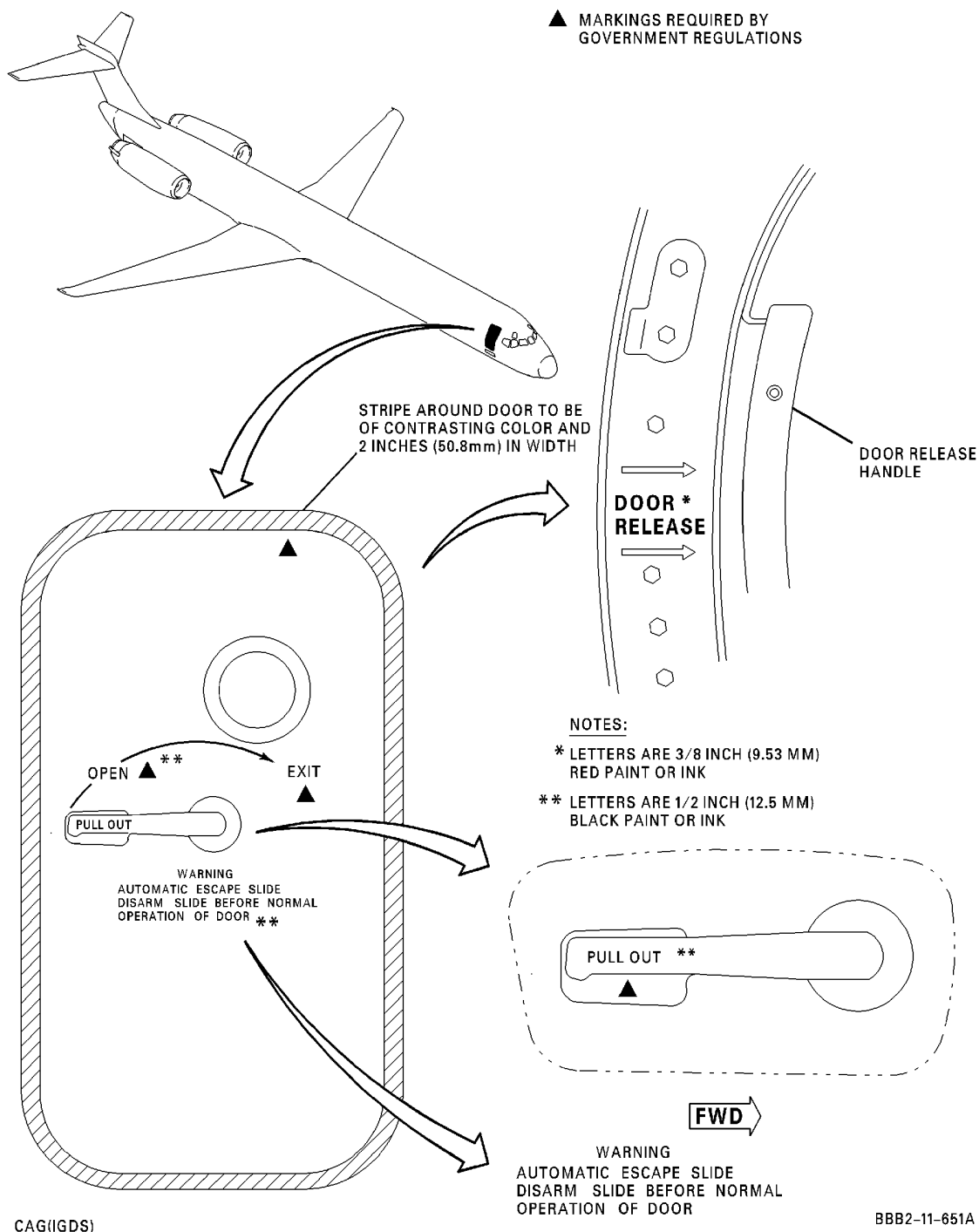
EFFECTIVITY
WJE 420, 422, 424, 427, 429

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TP-80MM-WJE

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**



**External Markings -- Forward Service Door
Figure 1/11-12-03-990-801 (Sheet 3 of 5)**

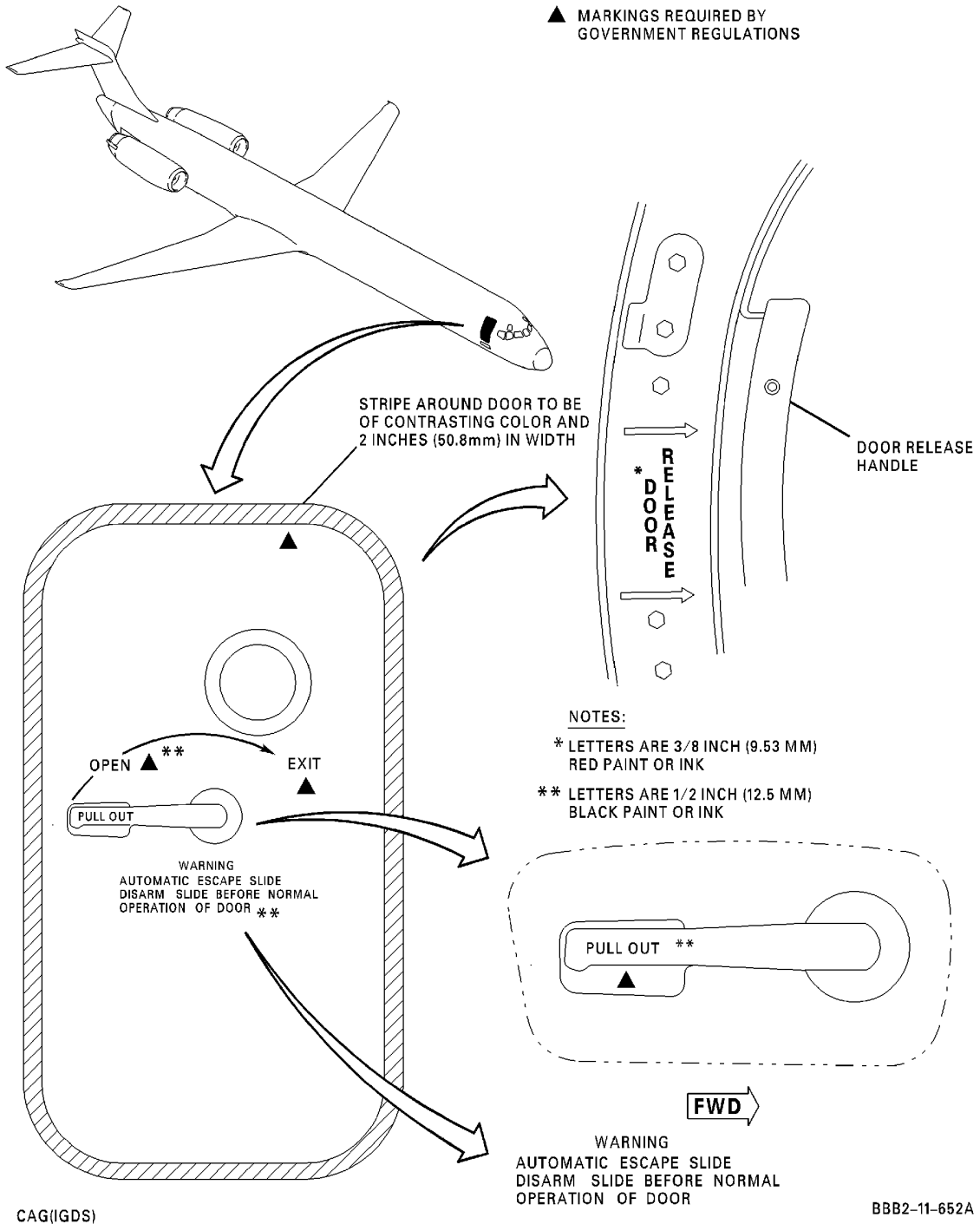
EFFECTIVITY
WJE 891

TP-80MM-WJE

11-12-03

**MD-80
AIRCRAFT MAINTENANCE MANUAL**

▲ MARKINGS REQUIRED BY GOVERNMENT REGULATIONS



**External Markings -- Forward Service Door
Figure 1/11-12-03-990-801 (Sheet 4 of 5)**

EFFECTIVITY

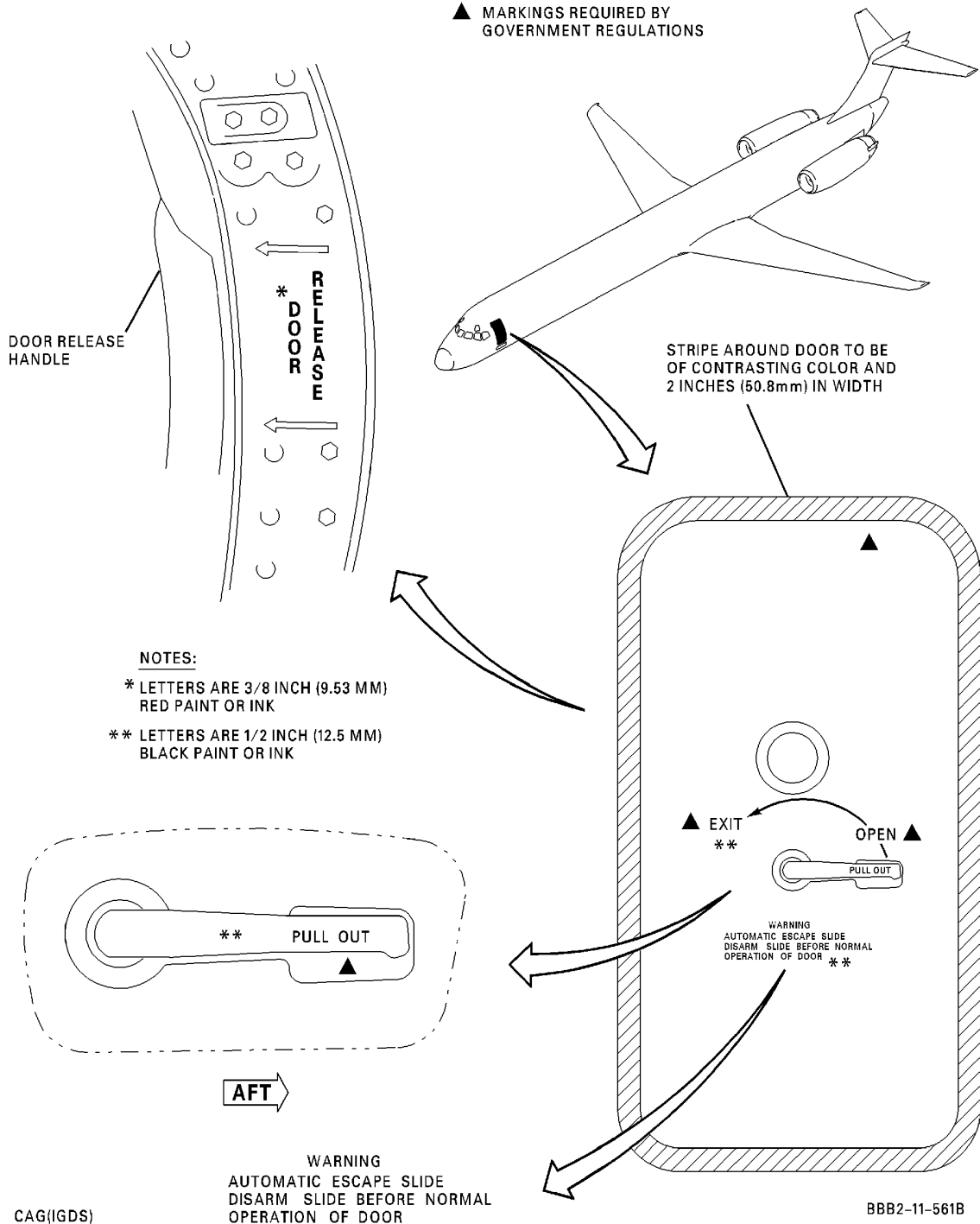
WJE 401-405, 409, 410, 412, 414-419, 421-423,
425-427, 884, 893

TP-80MM-WJE

11-12-03

**MD-80
AIRCRAFT MAINTENANCE MANUAL**

▲ MARKINGS REQUIRED BY GOVERNMENT REGULATIONS



External Markings -- Forward Service Door
Figure 1/11-12-03-990-801 (Sheet 5 of 5)

EFFECTIVITY
WJE 861-866, 868, 869, 871-881, 883, 886, 887, 892

11-12-03

TP-80MM-WJE

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AIRCRAFT MAINTENANCE MANUAL**

FORWARD PASSENGER DOOR - DESCRIPTION AND OPERATION

1. Forward Passenger Door - External Markings

EFFECTIVITY
WJE ALL

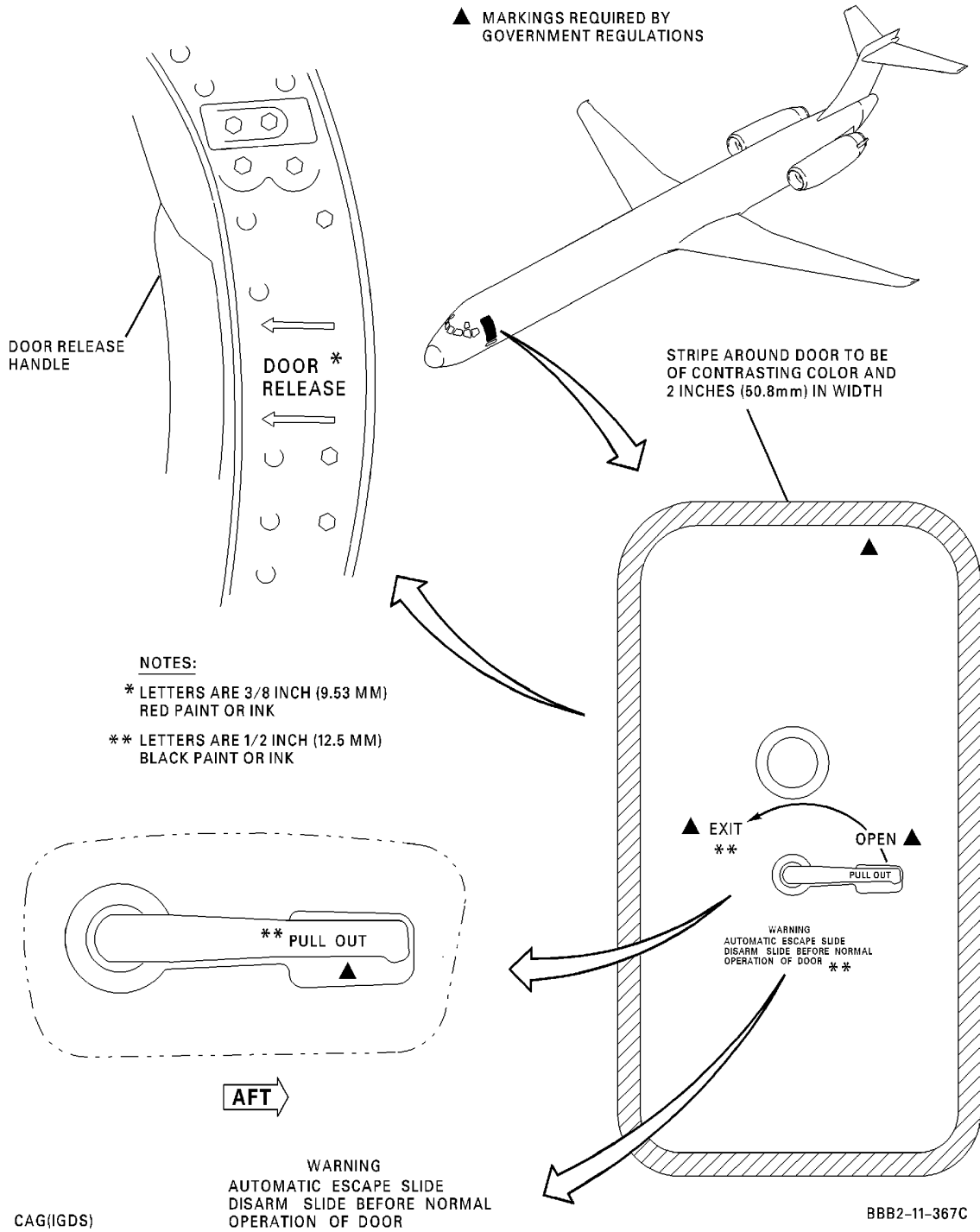
TP-80MM-WJE

11-12-04

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MD-80 AIRCRAFT MAINTENANCE MANUAL

▲ MARKINGS REQUIRED BY
GOVERNMENT REGULATIONS



External Markings -- Forward Passenger Door
Figure 1/11-12-04-990-801 (Sheet 1 of 5)

EFFECTIVITY
WJE 407, 408, 411, 420, 422, 424, 425, 427, 429

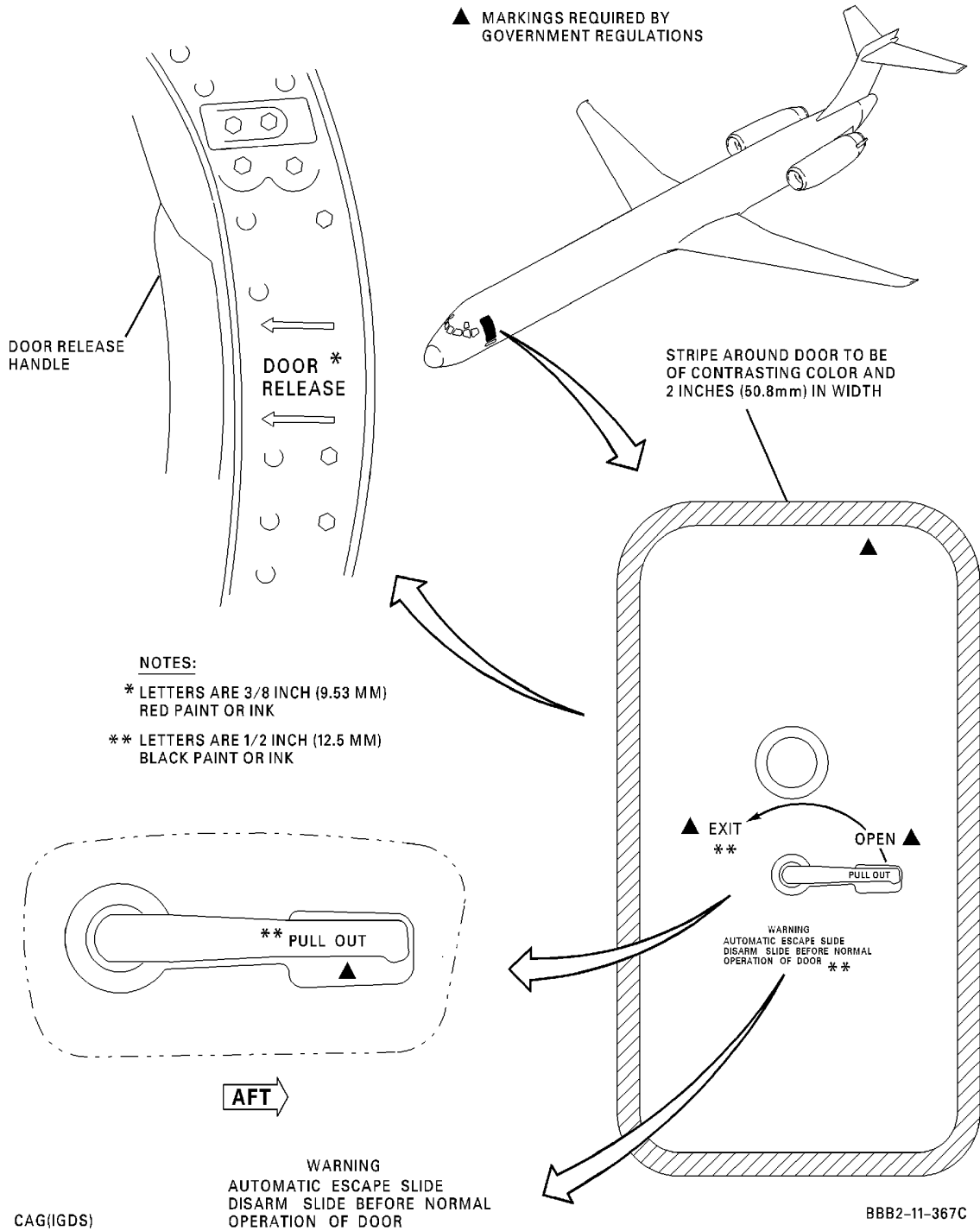
TP-80MM-WJE

11-12-04

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

▲ MARKINGS REQUIRED BY GOVERNMENT REGULATIONS



**External Markings -- Forward Passenger Door
Figure 1/11-12-04-990-801 (Sheet 2 of 5)**

EFFECTIVITY
WJE 886, 887, 891

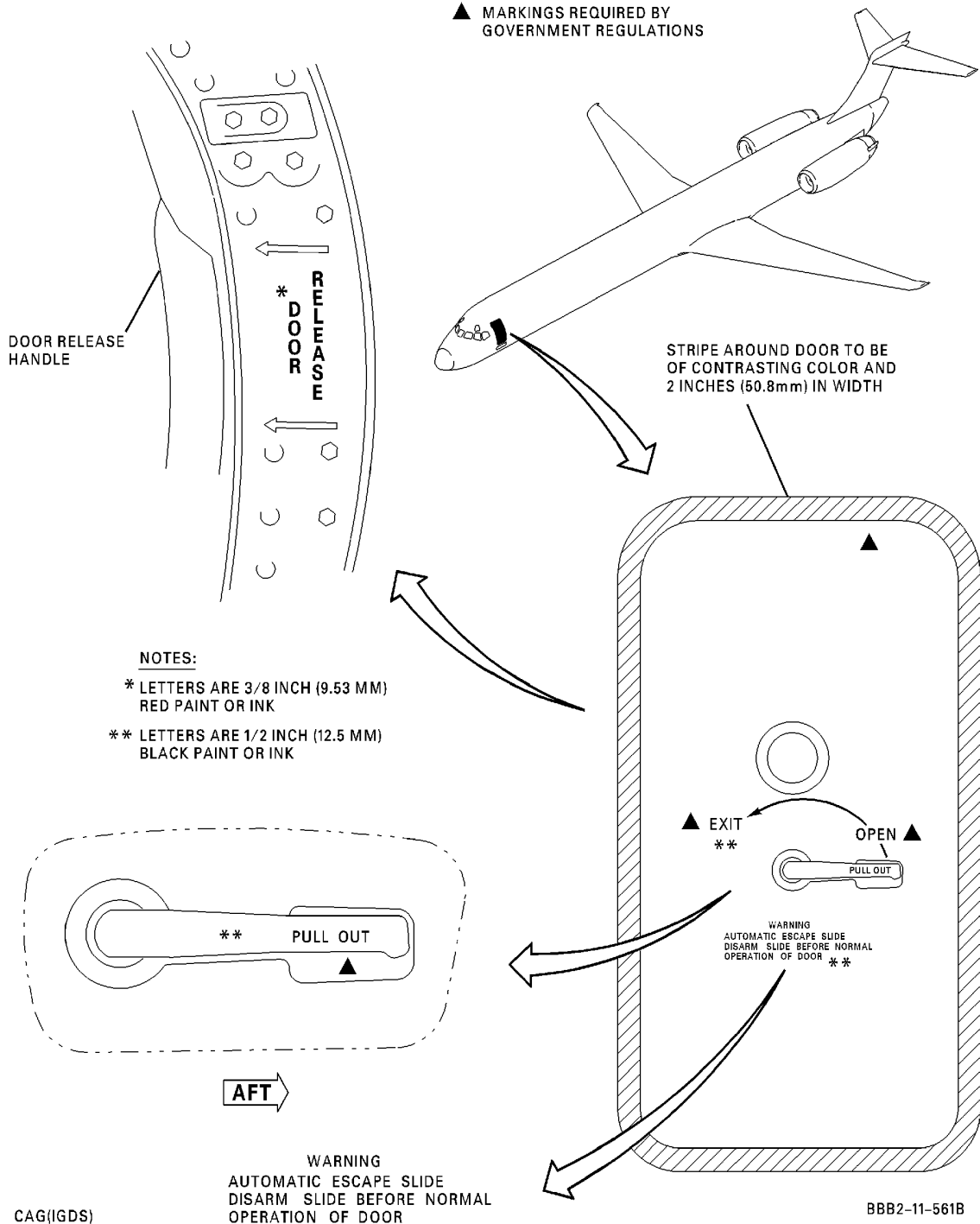
11-12-04

TP-80MM-WJE

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MD-80 AIRCRAFT MAINTENANCE MANUAL

▲ MARKINGS REQUIRED BY GOVERNMENT REGULATIONS



External Markings -- Forward Passenger Door
Figure 1/11-12-04-990-801 (Sheet 3 of 5)

EFFECTIVITY
WJE 861-866, 868, 869, 871-881, 883

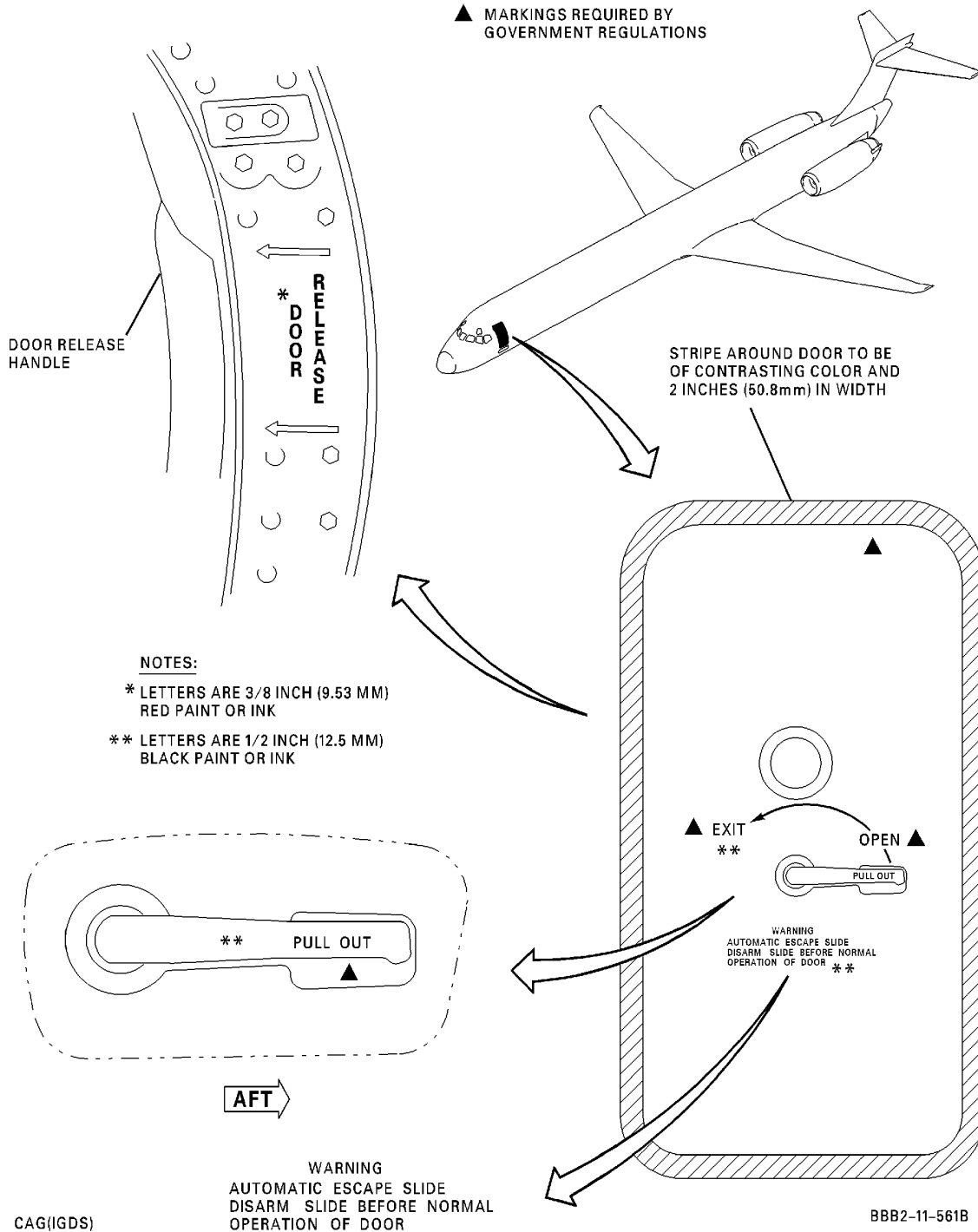
TP-80MM-WJE

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MD-80 AIRCRAFT MAINTENANCE MANUAL

▲ MARKINGS REQUIRED BY
GOVERNMENT REGULATIONS



External Markings -- Forward Passenger Door
Figure 1/11-12-04-990-801 (Sheet 4 of 5)

EFFECTIVITY

WJE 401-406, 408-412, 414-419, 421, 423, 425-427, 884, 892

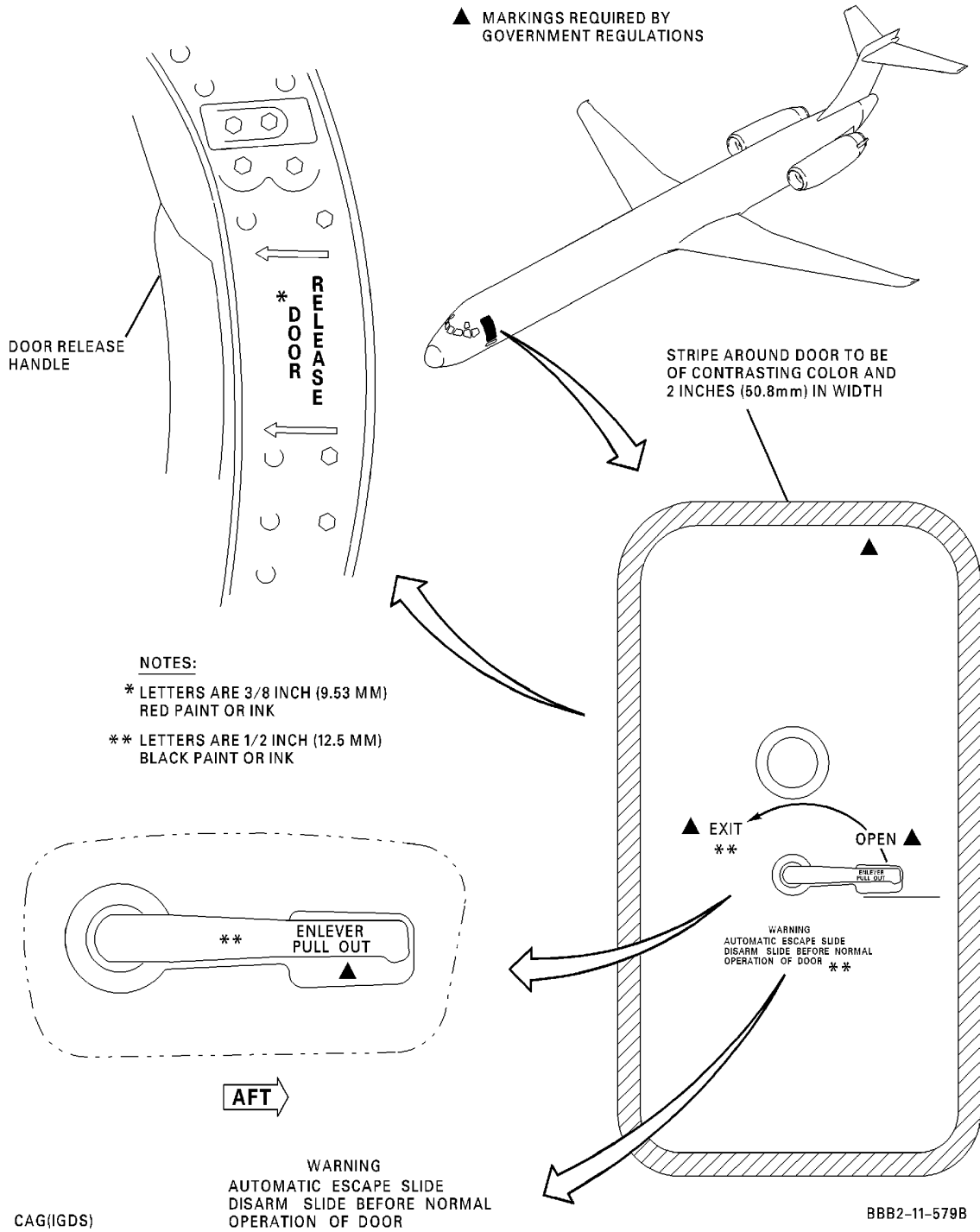
TP-80MM-WJE

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MD-80 AIRCRAFT MAINTENANCE MANUAL

▲ MARKINGS REQUIRED BY GOVERNMENT REGULATIONS



External Markings -- Forward Passenger Door
Figure 1/11-12-04-990-801 (Sheet 5 of 5)

EFFECTIVITY
WJE 893

TP-80MM-WJE

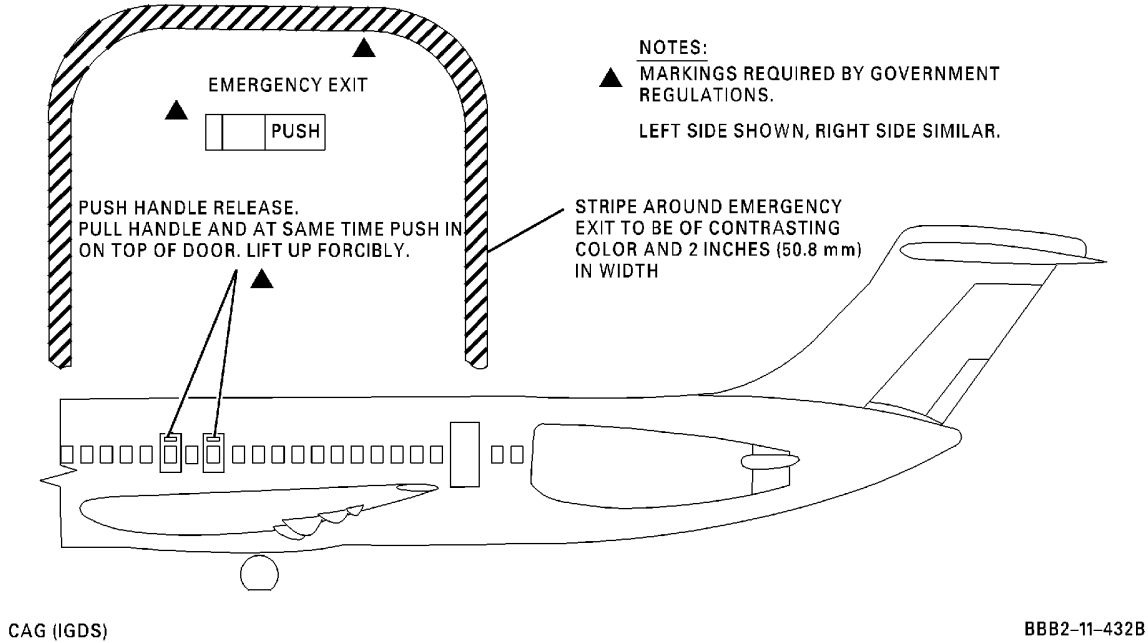
11-12-04

MD-80 AIRCRAFT MAINTENANCE MANUAL

EMERGENCY EXIT DOORS - DESCRIPTION AND OPERATION

1. Emergency Exit Doors - External Markings

WJE 405-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 891, 892



External Markings - Emergency Exit Doors
Figure 1/11-12-05-990-801 (Sheet 1 of 5)

EFFECTIVITY
WJE ALL

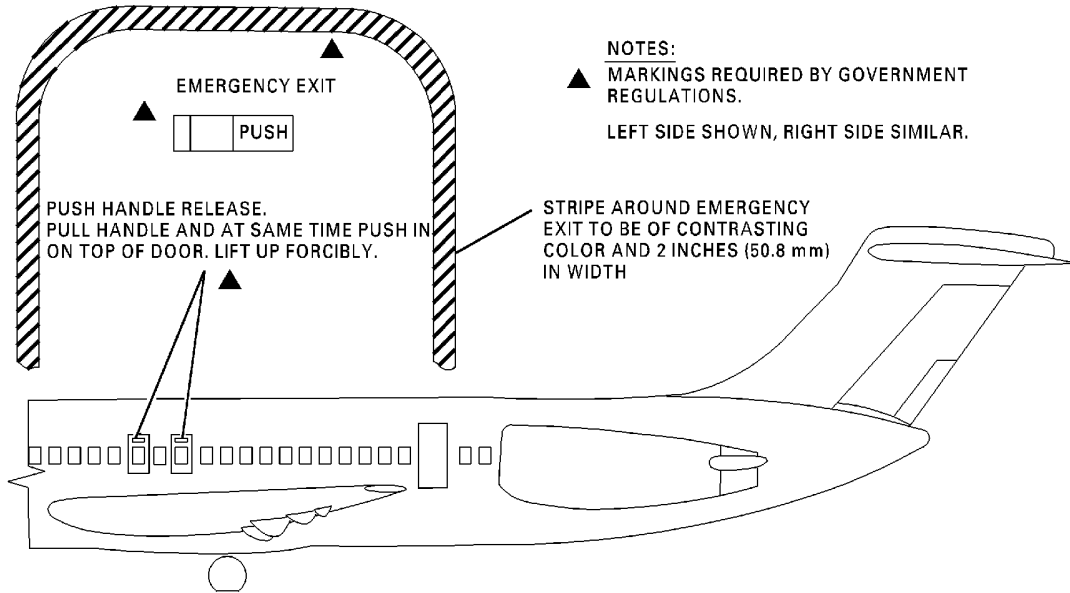
TP-80MM-WJE

11-12-05

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

WJE 886, 887

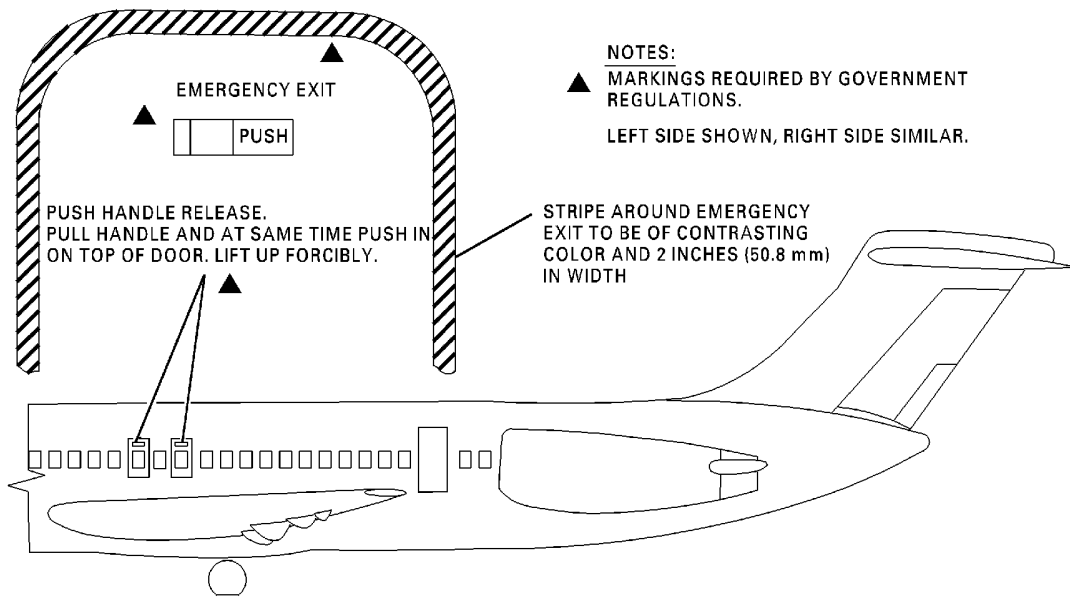


CAG(IGDS)

BBB2-11-628A

**External Markings - Emergency Exit Doors
Figure 1/11-12-05-990-801 (Sheet 2 of 5)**

WJE 401-404, 412, 414



CAG(IGDS)

BBB2-11-639A

**External Markings - Emergency Exit Doors
Figure 1/11-12-05-990-801 (Sheet 3 of 5)**

EFFECTIVITY
WJE ALL

11-12-05

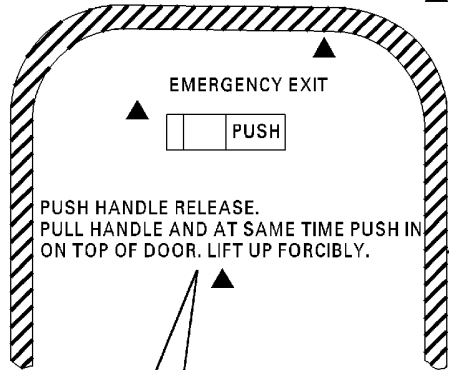
TP-80MM-WJE

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

WJE 893

POUSSER LA POIGNEE D'OUVERTURE. RELACHER LA POIGNEE TOUT EN APPUYANT EN HAUT DE LA PORTE. SOULEVER FORTEMENT.



PUSH HANDLE RELEASE. PULL HANDLE AND AT SAME TIME PUSH IN ON TOP OF DOOR. LIFT UP FORCIBLY.

NOTES:
▲ MARKINGS REQUIRED BY GOVERNMENT REGULATIONS.
LEFT SIDE SHOWN, RIGHT SIDE SIMILAR.

STRIPE AROUND EMERGENCY EXIT TO BE OF CONTRASTING COLOR AND 2 INCHES (50.8 mm) IN WIDTH

CAG(IGDS)

BBB2-11-580B

External Markings - Emergency Exit Doors
Figure 1/11-12-05-990-801 (Sheet 4 of 5)

EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-12-05

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

ELEVATORS AND HORIZONTAL STABILIZER (LOWER SURFACE) - DESCRIPTION AND OPERATION

1. Elevators and Horizontal Stabilizer (Lower Surface) - External Markings

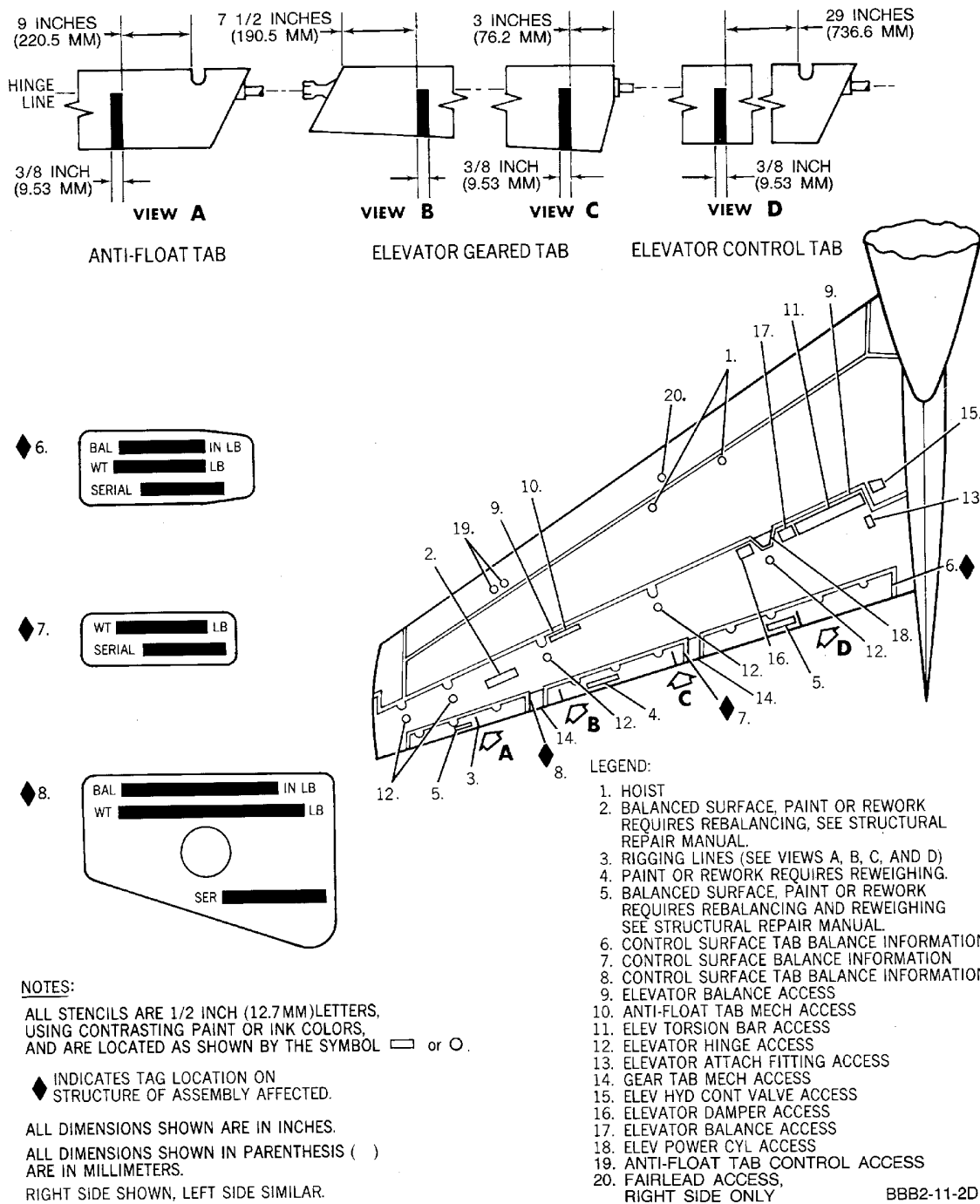
EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-13-01

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MD-80 AIRCRAFT MAINTENANCE MANUAL



NOTES:

ALL STENCILS ARE 1/2 INCH (12.7MM) LETTERS, USING CONTRASTING PAINT OR INK COLORS, AND ARE LOCATED AS SHOWN BY THE SYMBOL □ or ○.

◆ INDICATES TAG LOCATION ON STRUCTURE OF ASSEMBLY AFFECTED.

ALL DIMENSIONS SHOWN ARE IN INCHES.
ALL DIMENSIONS SHOWN IN PARENTHESIS () ARE IN MILLIMETERS.
RIGHT SIDE SHOWN, LEFT SIDE SIMILAR.

External Markings - Elevators and Horizontal Stabilizer (Lower Surface)
Figure 1/11-13-01-990-802

EFFECTIVITY

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

TP-80MM-WJE

11-13-01

**MD-80
AIRCRAFT MAINTENANCE MANUAL**

ELEVATORS AND HORIZONTAL STABILIZER (UPPER SURFACE) - DESCRIPTION AND OPERATION

1. Elevators and Horizontal Stabilizer (Upper Surface) - External Markings

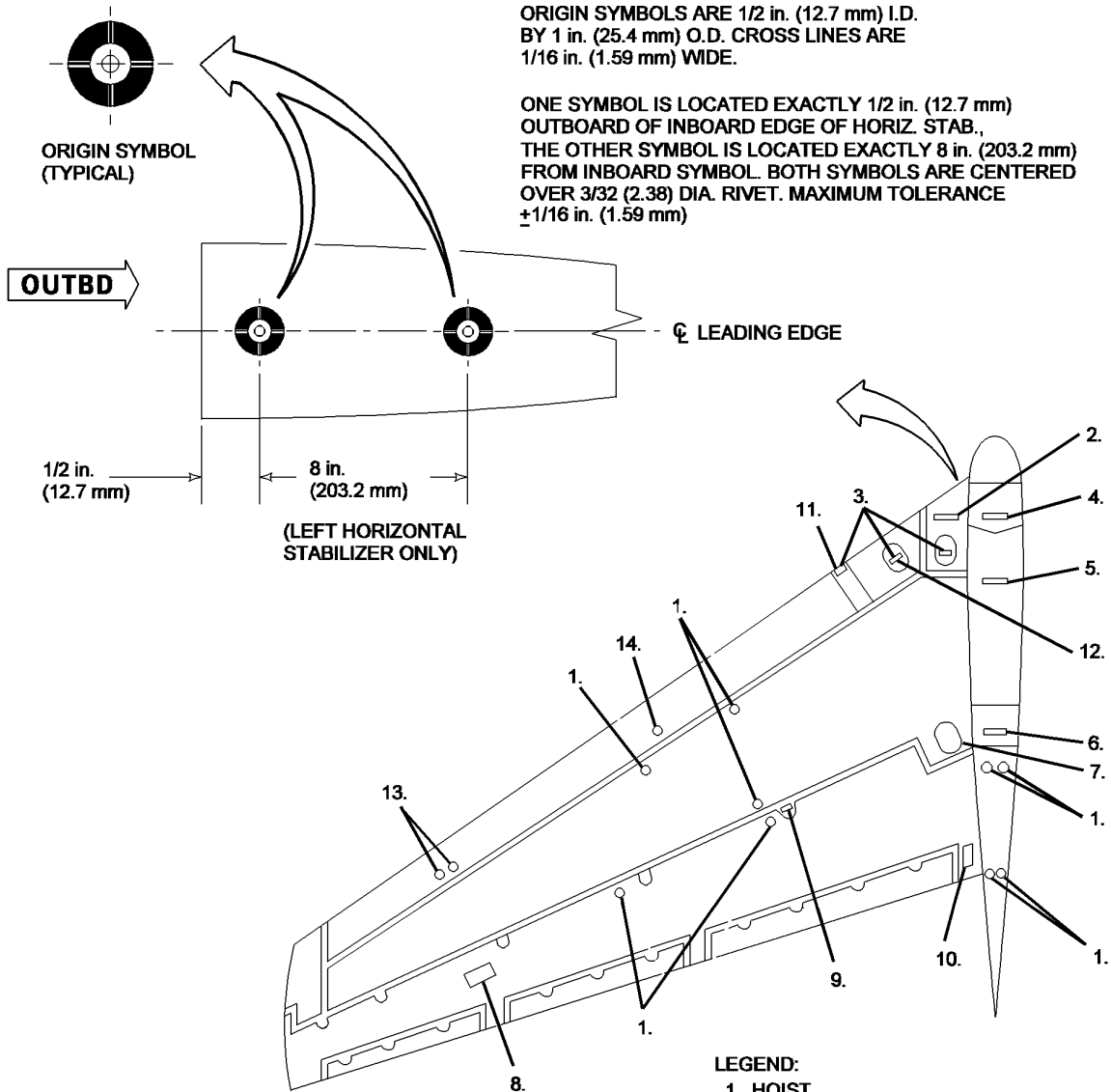
EFFECTIVITY
WJE ALL

TP-80MM-WJE

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MD-80 AIRCRAFT MAINTENANCE MANUAL



ORIGIN SYMBOLS ARE 1/2 in. (12.7 mm) I.D. BY 1 in. (25.4 mm) O.D. CROSS LINES ARE 1/16 in. (1.59 mm) WIDE.

ONE SYMBOL IS LOCATED EXACTLY 1/2 in. (12.7 mm) OUTBOARD OF INBOARD EDGE OF HORIZ. STAB., THE OTHER SYMBOL IS LOCATED EXACTLY 8 in. (203.2 mm) FROM INBOARD SYMBOL. BOTH SYMBOLS ARE CENTERED OVER 3/32 (2.38) DIA. RIVET. MAXIMUM TOLERANCE ±1/16 in. (1.59 mm)

ORIGIN SYMBOL (TYPICAL)

OUTBD

LEADING EDGE

1/2 in. (12.7 mm)

8 in. (203.2 mm)

(LEFT HORIZONTAL STABILIZER ONLY)

NOTES:

ALL STENCILS ARE 1/4 in. (6.35 mm) LETTERS USING CONTRASTING PAINT OR INK COLORS, AND ARE LOCATED AS SHOWN BY THE SYMBOL □ OR ○.

ALL DIMENSIONS SHOWN ARE IN INCHES.

ALL DIMENSIONS SHOWN IN PARENTHESIS () ARE IN MILLIMETERS.

LEFT SIDE SHOWN, RIGHT SIDE SIMILAR.

LEGEND:

- 1. HOIST
- 2. NO STEP
- 3. ANTI-ICING DUCT ACCESS
- 4. ACTUATOR ACCESS
- 5. SAFETY BELT ATTACH
- 6. ELEV BELLCRANK ACCESS
- 7. ELEV HYD CONT VALVE ACCESS
- 8. ANTI-FLOAT TAB MECH ACCESS
- 9. ELEV POWER CYL ACCESS
- 10. FLIGHT TAB MECH ACCESS
- 11. TURNBUCKLE ACCESS
- 12. TENSIONMETER ACCESS
- 13. ANTI-FLOAT TAB CONTROL ACCESS
- 14. FAIRLEAD ACCESS LEFT SIDE ONLY

BBB2-11-1E
S0006523248V2

External Markings - Elevators and Horizontal Stabilizer (Upper Surface)
Figure 1/11-13-02-990-802

EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-13-02

**MD-80
AIRCRAFT MAINTENANCE MANUAL**

MID AND AFT FUSELAGE (LEFT) - DESCRIPTION AND OPERATION

1. Mid and Aft Fuselage (Left) - External Markings

EFFECTIVITY
WJE ALL

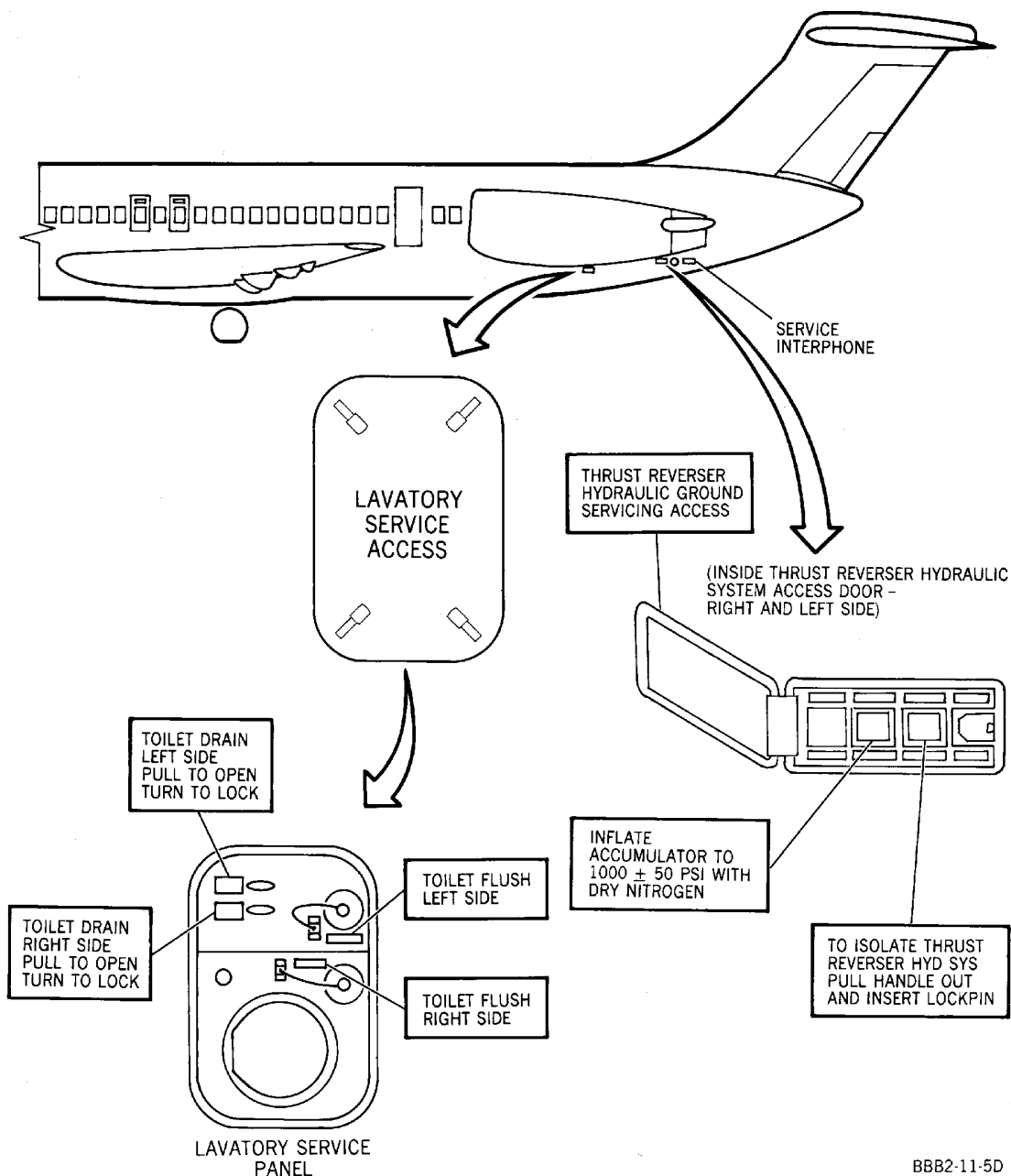


TP-80MM-WJE

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**



External Markings -- Mid and Aft Fuselage (Left)
Figure 1/11-14-01-990-801 (Sheet 1 of 6)

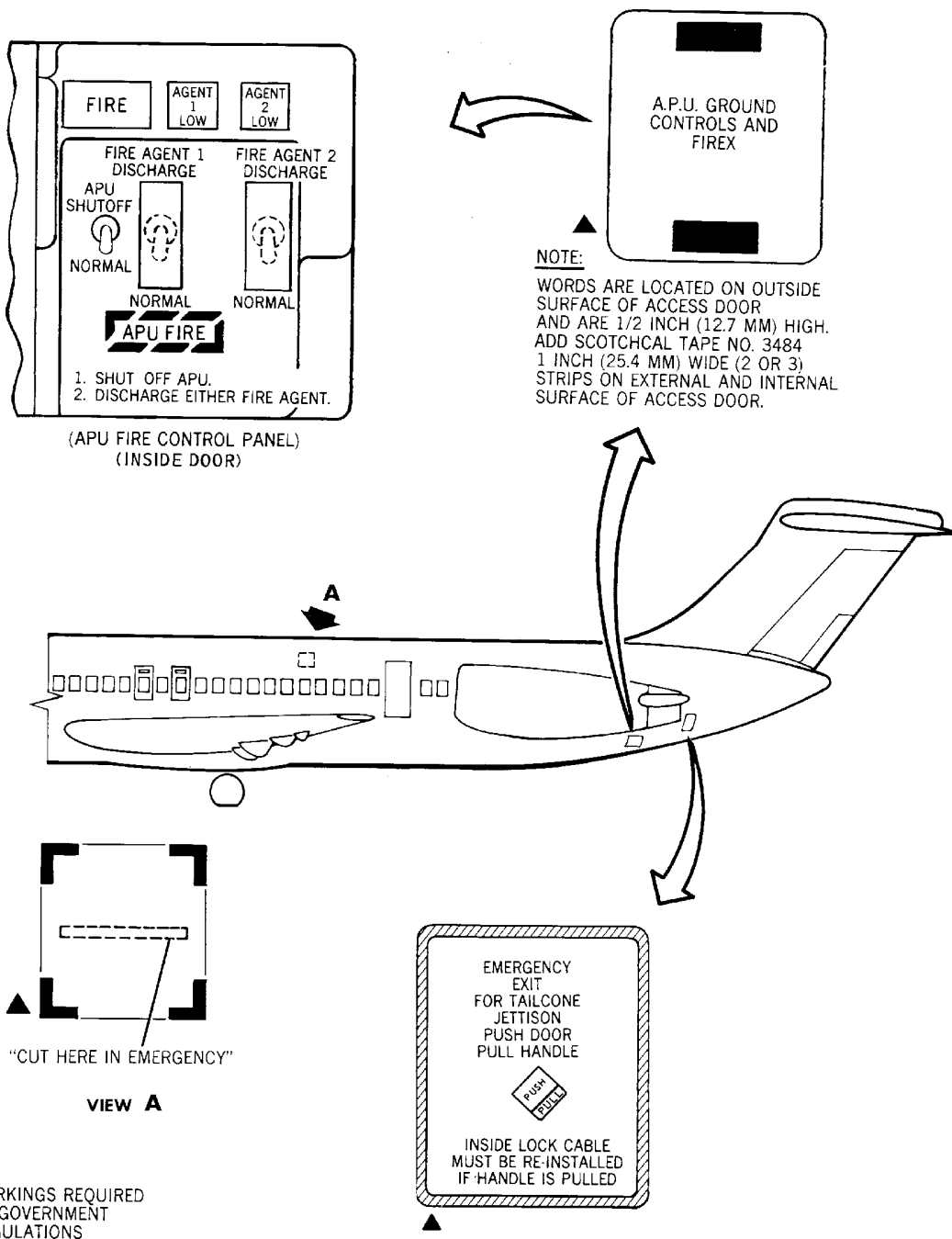
EFFECTIVITY
WJE 401-412, 414-427, 429, 861-866, 868, 869, 871,
872, 875-881, 883, 884, 891

TP-80MM-WJE

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BBB2-11-506

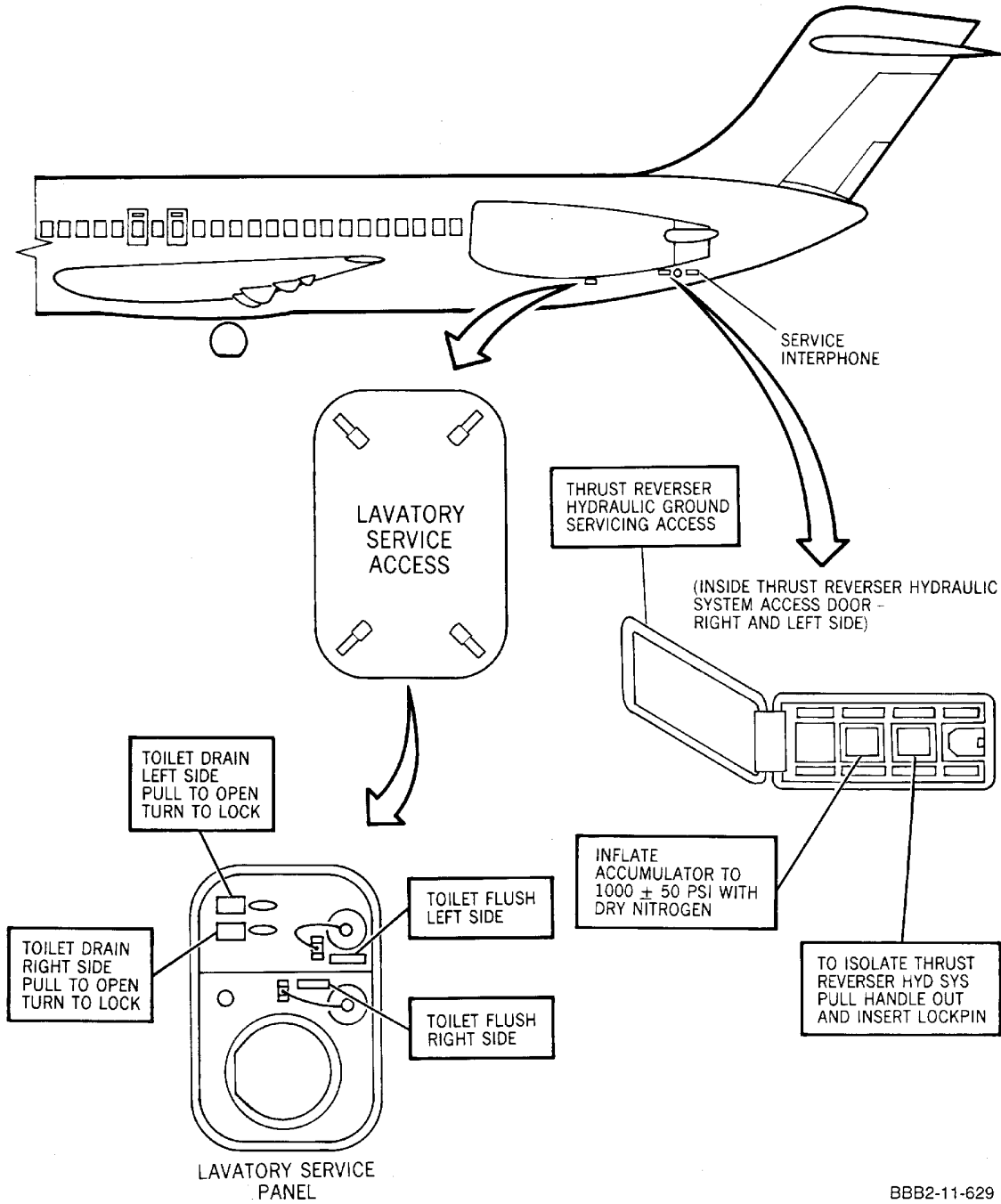
**External Markings -- Mid and Aft Fuselage (Left)
Figure 1/11-14-01-990-801 (Sheet 2 of 6)**

EFFECTIVITY
WJE 873, 874, 892, 893

TP-80MM-WJE

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AIRCRAFT MAINTENANCE MANUAL**



BBB2-11-629

External Markings -- Mid and Aft Fuselage (Left)
Figure 1/11-14-01-990-801 (Sheet 3 of 6)

EFFECTIVITY
WJE 886, 887

TP-80MM-WJE

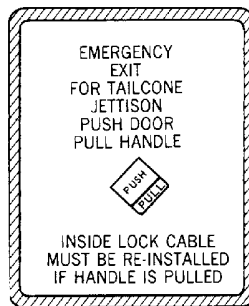
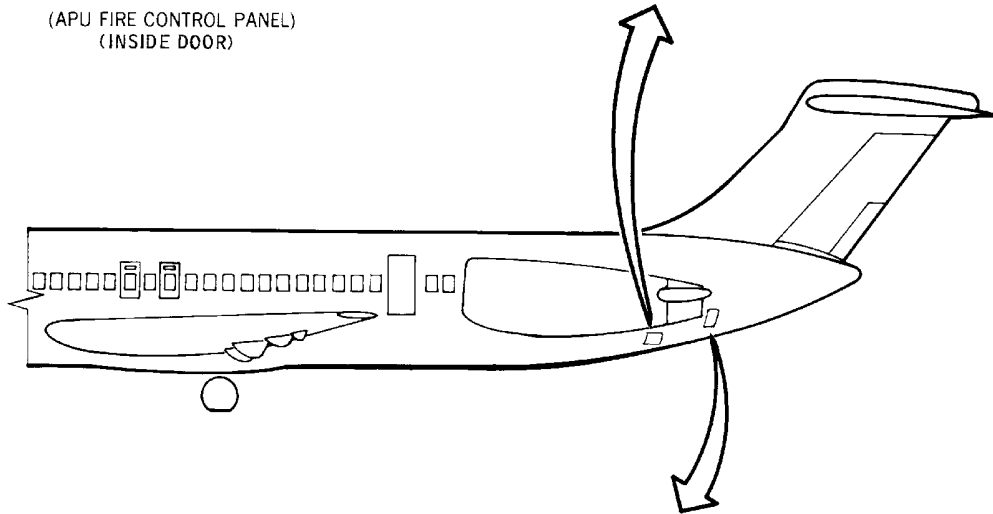
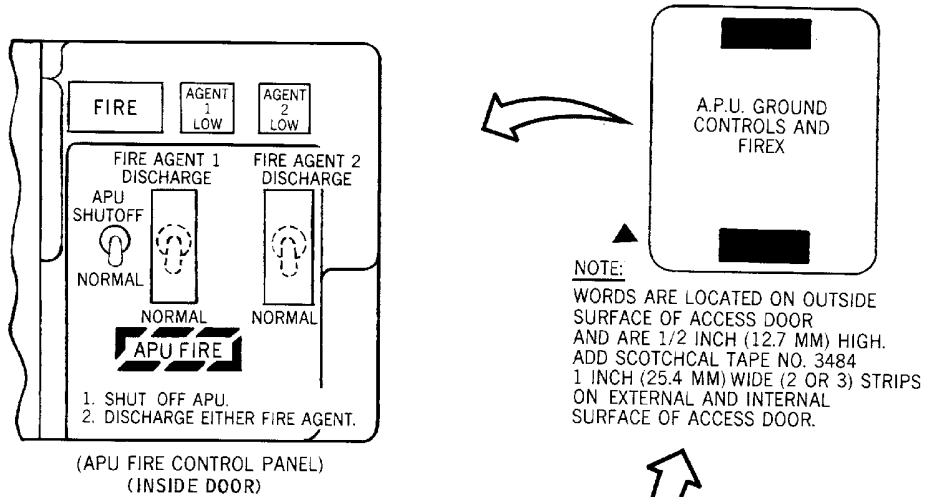
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AIRCRAFT MAINTENANCE MANUAL**



▲ MARKINGS REQUIRED BY GOVERNMENT REGULATIONS

BBB2-11-51C

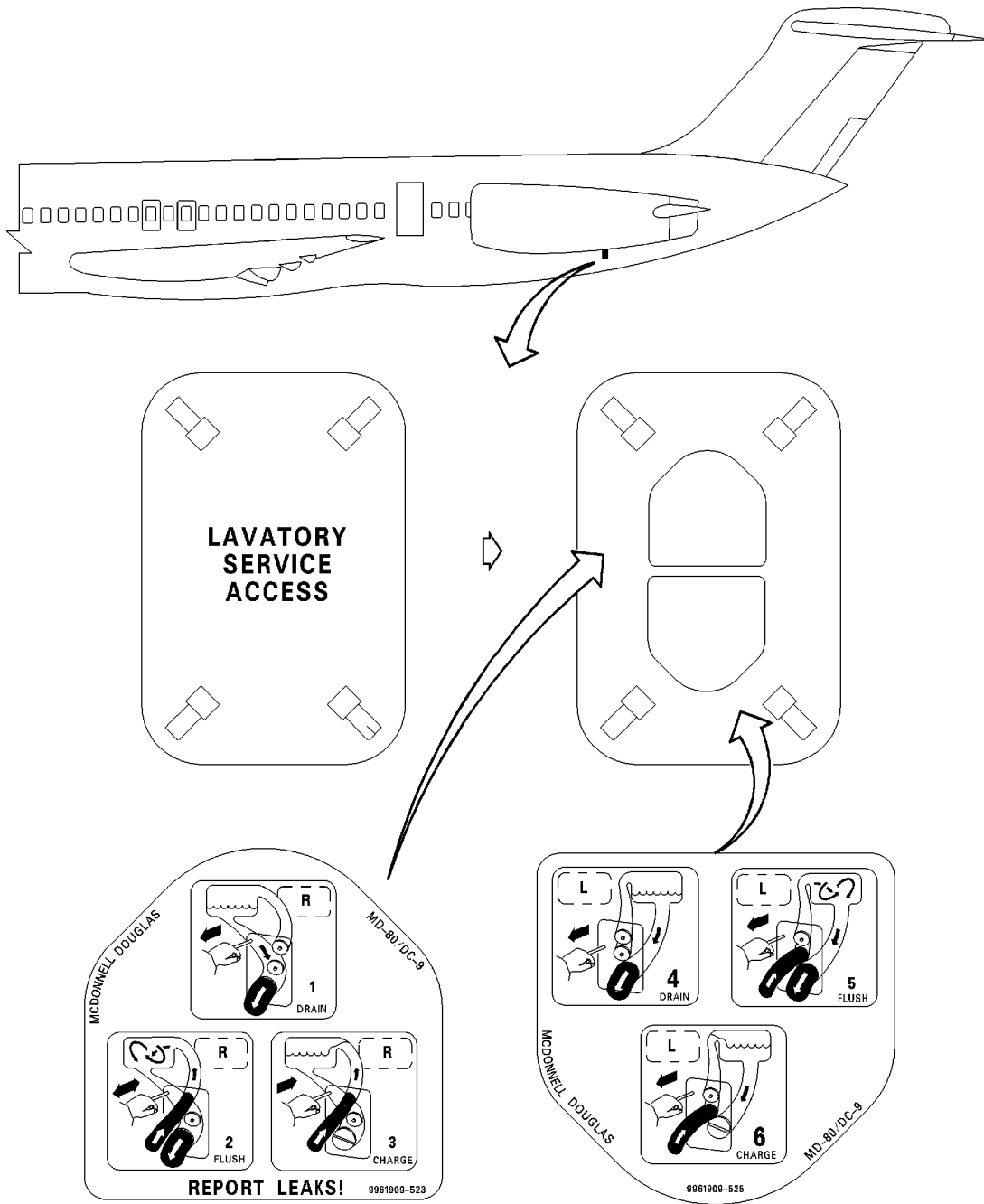
External Markings -- Mid and Aft Fuselage (Left)
Figure 1/11-14-01-990-801 (Sheet 4 of 6)

EFFECTIVITY
WJE 401-412, 414-427, 429, 861-866, 868, 869, 871, 872, 875-881, 883, 884, 891

TP-80MM-WJE

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AIRCRAFT MAINTENANCE MANUAL**



CAG(IGDS)

BBB2-11-698

External Markings -- Mid and Aft Fuselage (Left)
Figure 1/11-14-01-990-801 (Sheet 5 of 6)

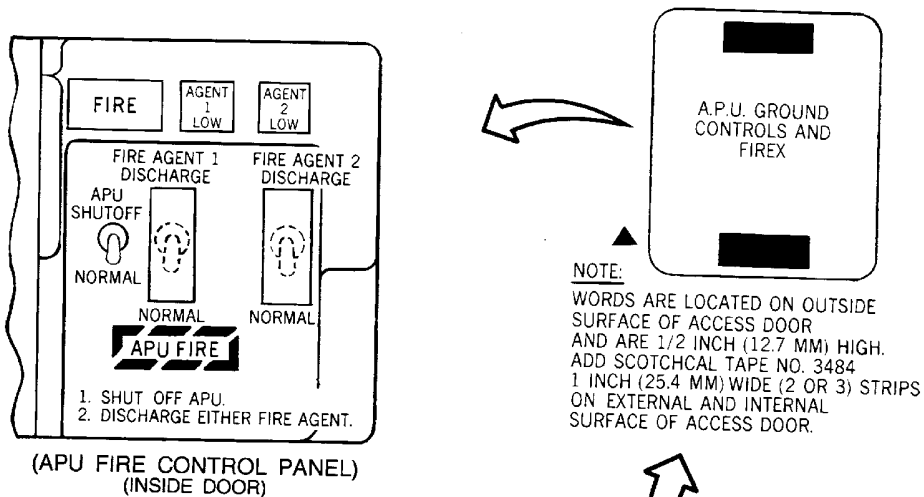
EFFECTIVITY
WJE 405, 406, 409-411, 880, 881, 883, 884

TP-80MM-WJE

11-14-01

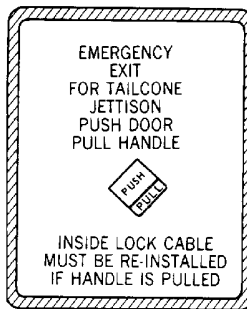
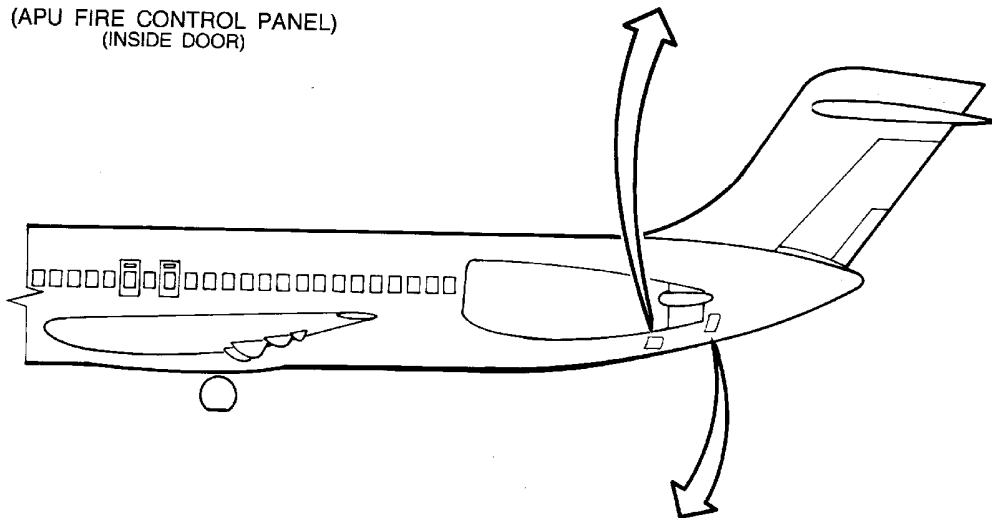
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**MD-80
AIRCRAFT MAINTENANCE MANUAL**



(APU FIRE CONTROL PANEL)
(INSIDE DOOR)

NOTE:
WORDS ARE LOCATED ON OUTSIDE SURFACE OF ACCESS DOOR AND ARE 1/2 INCH (12.7 MM) HIGH. ADD SCOTCHCAL TAPE NO. 3484 1 INCH (25.4 MM) WIDE (2 OR 3) STRIPS ON EXTERNAL AND INTERNAL SURFACE OF ACCESS DOOR.



▲ MARKINGS REQUIRED BY GOVERNMENT REGULATIONS

BBB2-11-630

**External Markings -- Mid and Aft Fuselage (Left)
Figure 1/11-14-01-990-801 (Sheet 6 of 6)**

EFFECTIVITY
WJE 886, 887

TP-80MM-WJE

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AIRCRAFT MAINTENANCE MANUAL**

MID AND AFT FUSELAGE (RIGHT) - DESCRIPTION AND OPERATION

1. Mid and Aft Fuselage (Right) - External Markings

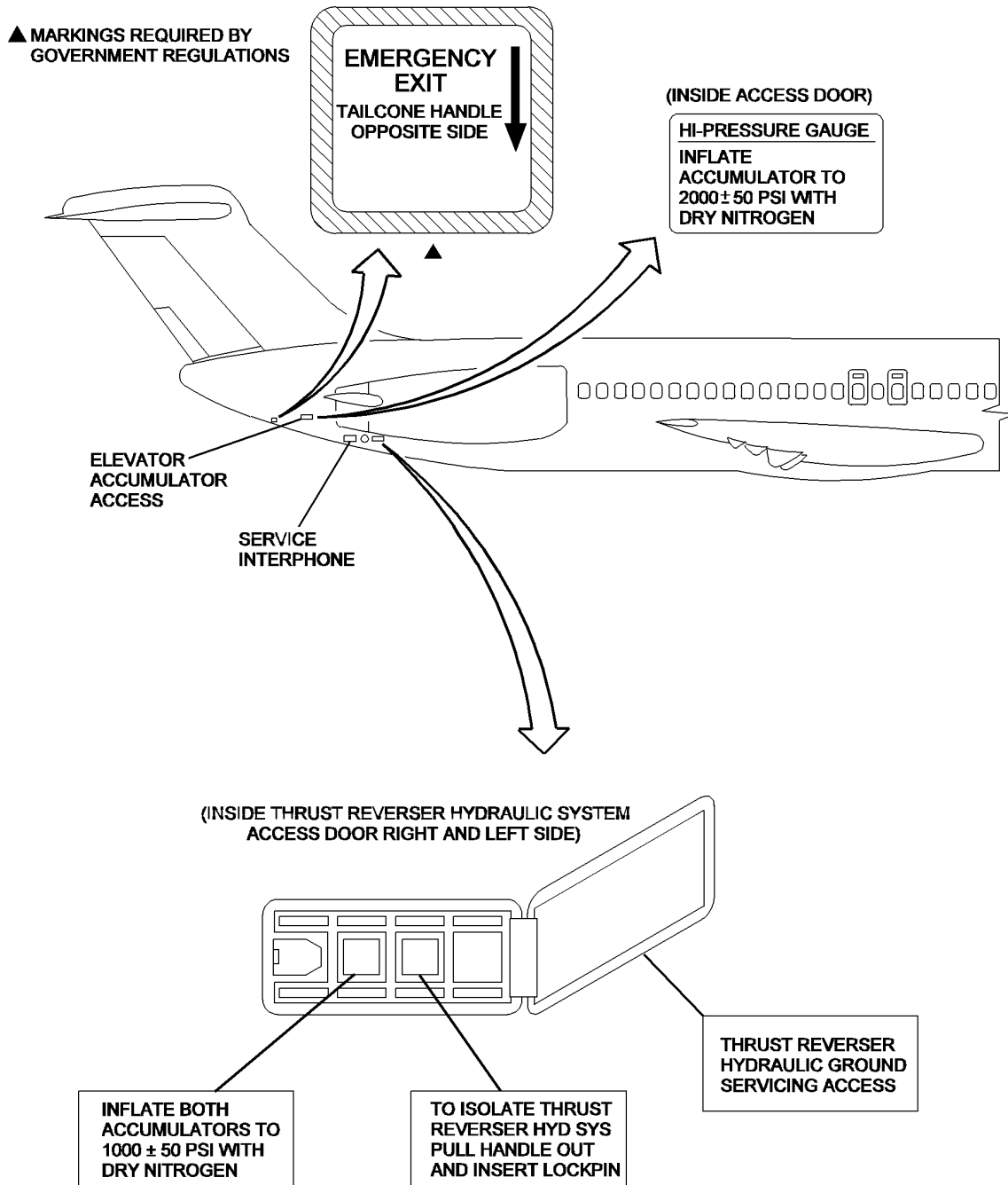
EFFECTIVITY
WJE ALL

TP-80MM-WJE

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AIRCRAFT MAINTENANCE MANUAL**



BBB2-11-13H
S0006523270V2

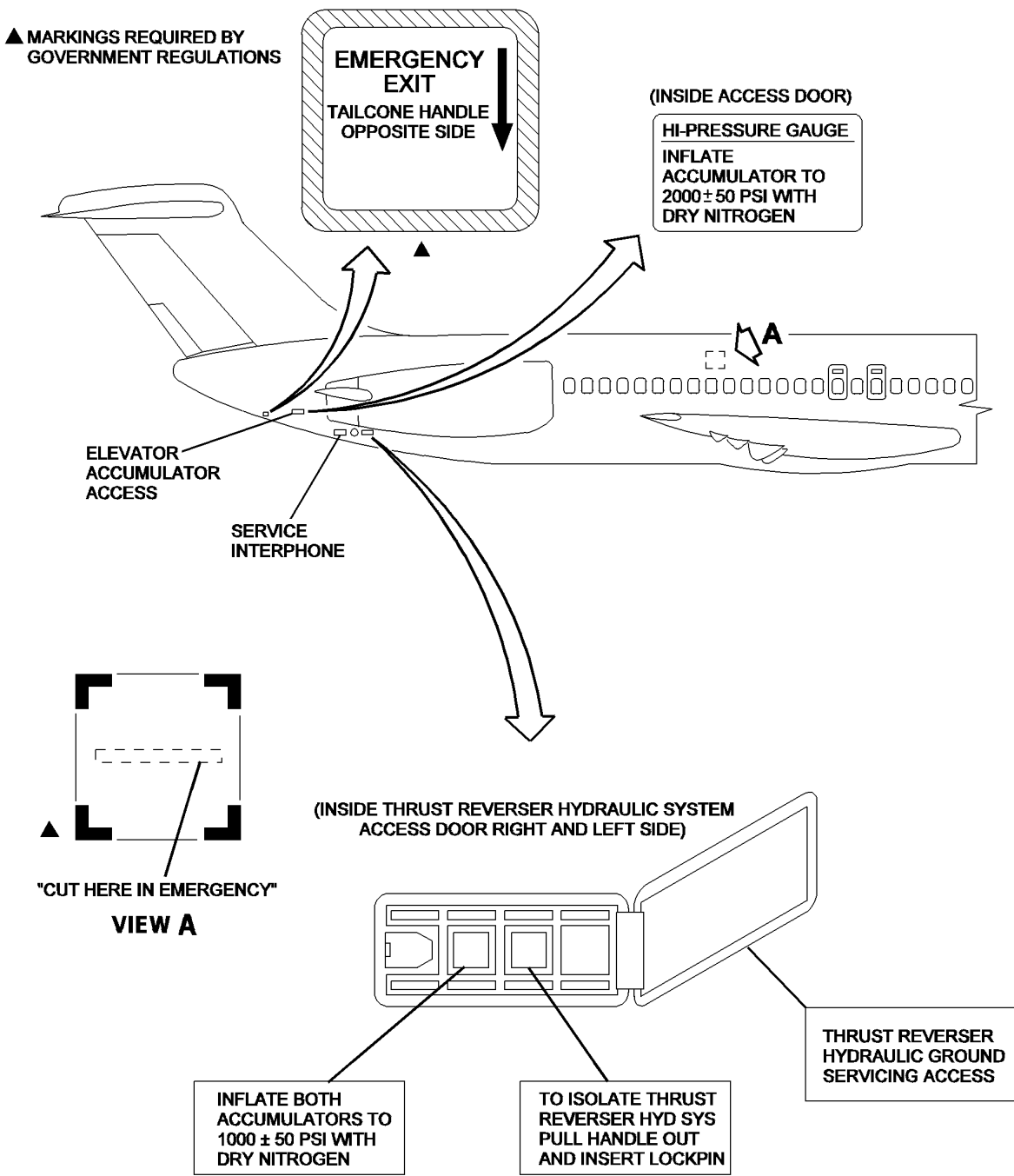
External Markings -- Mid and Aft Fuselage (Right)
Figure 1/11-14-02-990-801 (Sheet 1 of 2)

EFFECTIVITY
WJE 401-412, 414-427, 429, 861-866, 868, 869, 871,
872, 875-881, 883, 884, 886, 887, 891

TP-80MM-WJE

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MD-80 AIRCRAFT MAINTENANCE MANUAL



BBB2-11-507D
S0006523273V2

External Markings -- Mid and Aft Fuselage (Right)
Figure 1/11-14-02-990-801 (Sheet 2 of 2)

EFFECTIVITY
WJE 873, 874, 892, 893

11-14-02



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AIRCRAFT MAINTENANCE MANUAL**

MID AND AFT FUSELAGE (BOTTOM) - DESCRIPTION AND OPERATION

1. Mid and Aft Fuselage (Bottom)

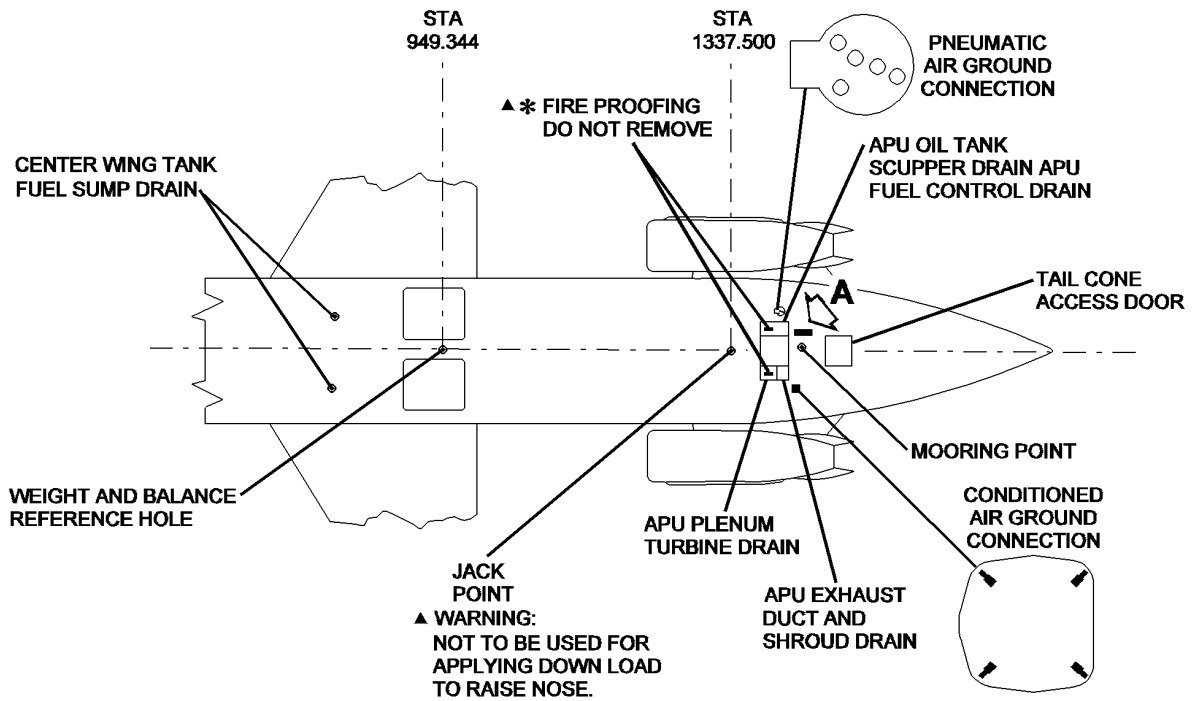
EFFECTIVITY
WJE ALL

TP-80MM-WJE

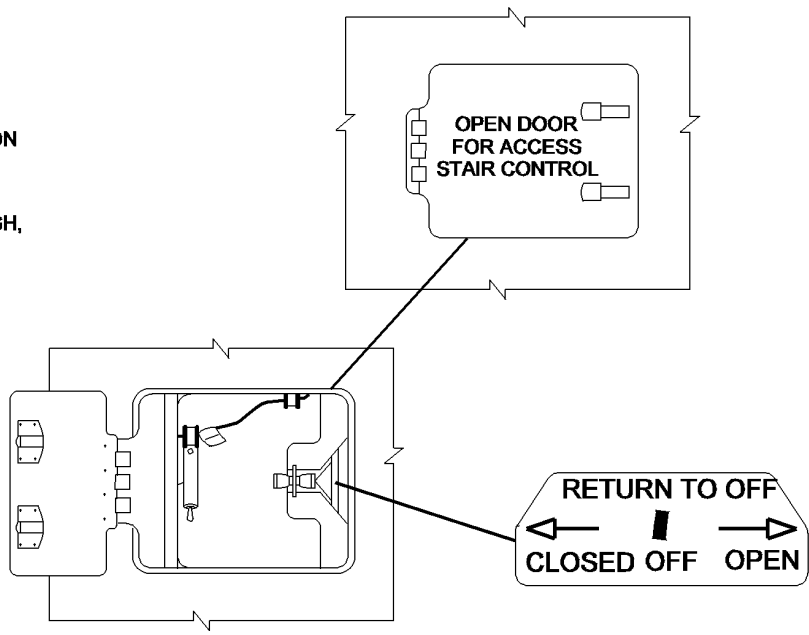
11-14-03

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AIRCRAFT MAINTENANCE MANUAL**



NOTE:
 ▲ INDICATES MARKINGS REQUIRED BY GOVERNMENT REGULATIONS
 * MARKINGS CENTERED ON BLANKET ON INSIDE OF LEFT AND RIGHT APU ACCESS DOOR
 ALL LETTERS ARE 1/2 in. (12.7 mm) HIGH, CONTRASTING (BLACK OR WHITE) COLORS



**VIEW A
VENTRAL STAIRWAY
EXTERIOR CONTROL PANEL**

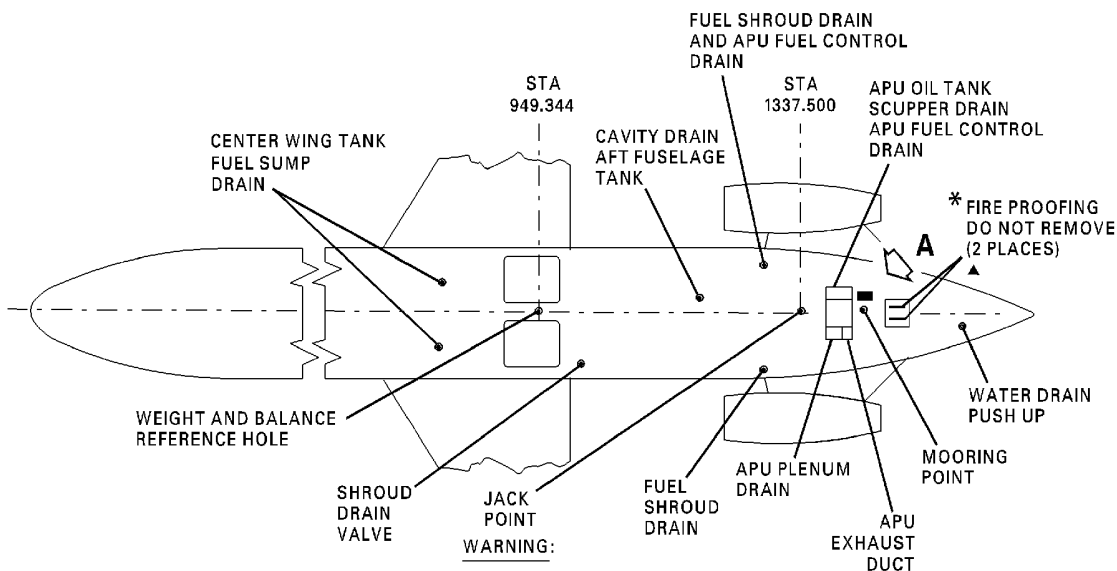
BBB2-11-59L
S0006523279V4

**Fuselage -- Mid and Aft (Bottom)
Figure 1/11-14-03-990-801 (Sheet 1 of 2)**

EFFECTIVITY
 WJE 401-404, 412, 414-427, 429, 863-866, 868, 869, 871, 872, 875-879, 891

11-14-03

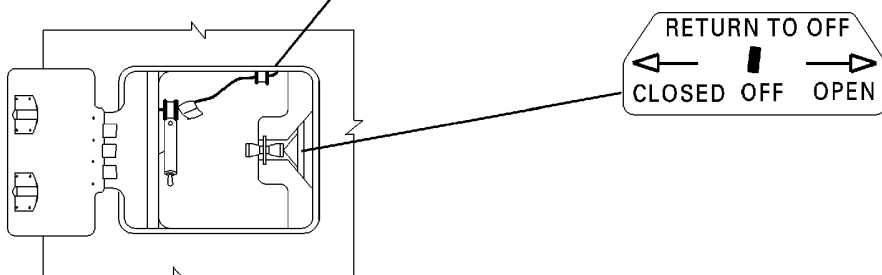
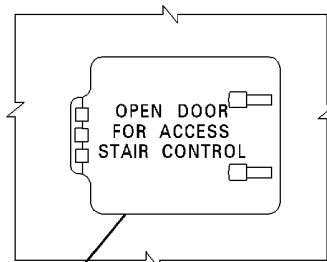
MD-80 AIRCRAFT MAINTENANCE MANUAL



- NOTE:**
- ▲ INDICATES MARKINGS REQUIRED BY GOVERNMENT REGULATIONS
 - * MARKINGS CENTERED ON BLANKET ON INSIDE OF LEFT AND RIGHT APU ACCESS DOOR

WARNING:
NOT TO BE USED FOR APPLYING DOWN LOAD TO RAISE NOSE.
▲

ALL LETTERS ARE 1/2 INCH (12.7 MM) HIGH, CONTRASTING (BLACK OR WHITE) COLORS



VIEW A
VENTRAL STAIRWAY
EXTERIOR CONTROL PANEL

CAG(IGDS)

BBB2-11-584B

Fuselage -- Mid and Aft (Bottom)
Figure 1/11-14-03-990-801 (Sheet 2 of 2)

EFFECTIVITY
WJE 405-411, 861, 862, 873, 874, 880, 881, 883, 884,
886, 887, 892, 893

TP-80MM-WJE

11-14-03

**MD-80
AIRCRAFT MAINTENANCE MANUAL**

FORWARD NOSE SECTION FUSELAGE (LEFT) - DESCRIPTION AND OPERATION

1. Forward Nose Section Fuselage (Left) - External Markings

EFFECTIVITY
WJE ALL



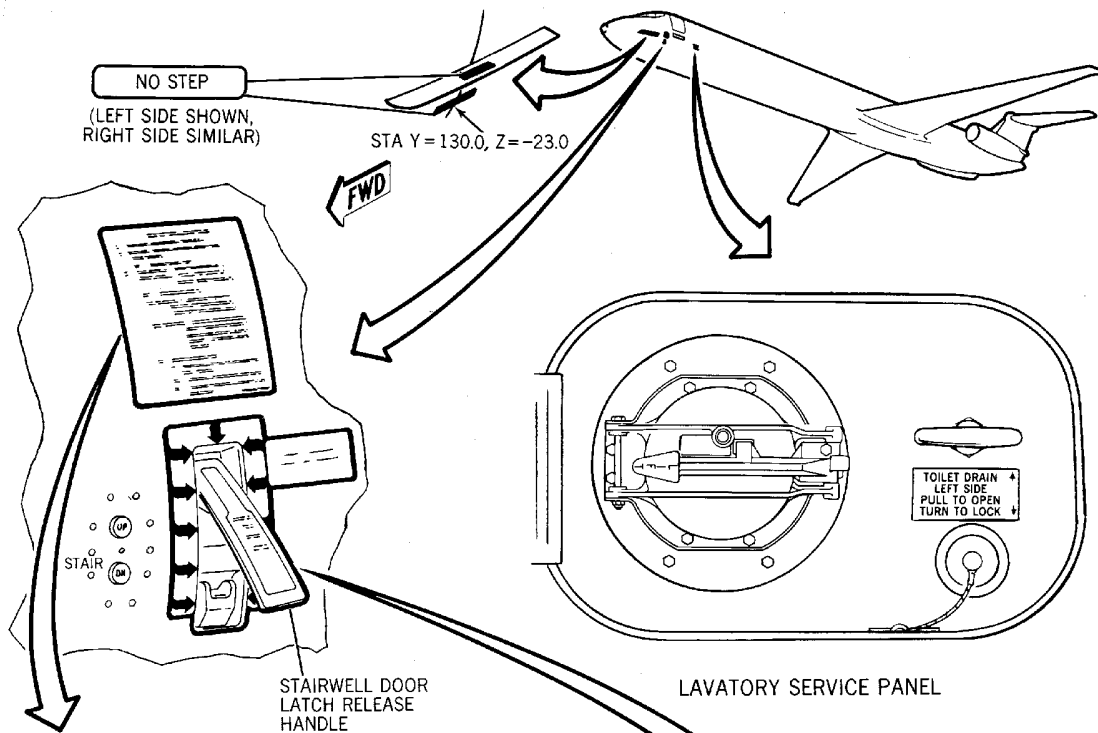
TP-80MM-WJE

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MD-80 AIRCRAFT MAINTENANCE MANUAL



TO OPERATE STAIRWAY

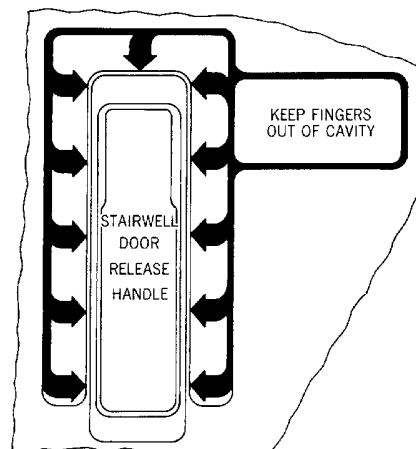
1. UNLATCH PASSENGER ENTRANCE DOOR.
2. RAISE RELEASE-HANDLE TO FULL EXTENDED POSITION TO UNLATCH STAIRWELL DOOR.
3. **A. NORMAL OPERATION:**
TO EXTEND: PRESS CONTROL BUTTON "DN".
TO RETRACT: PRESS CONTROL BUTTON "UP". CLOSE HANDLE TO LATCH STAIRWELL DOOR.

B. BATTERY OPERATION:
TO EXTEND: HOLD TOGGLE SWITCH (UNDER RELEASE-HANDLE) IN "BATTERY" POSITION. PRESS CONTROL BUTTON "DN".
TO RETRACT: HOLD TOGGLE SWITCH (UNDER RELEASE-HANDLE) IN "BATTERY" POSITION. PRESS CONTROL BUTTON "UP". CLOSE HANDLE TO LATCH STAIRWELL DOOR.

C. MANUAL OPERATION:

1. MOVE TOGGLE SWITCH (UNDER RELEASE-HANDLE) TO "OFF" POSITION.
2. PULL OUT AND DOWN ON STAIRWELL DOOR.
3. SEE INSIDE OF STAIRWELL DOOR FOR ADDITIONAL INSTRUCTIONS.

PLATE NO. 3928149-1



(HANDLE IN CLOSED POSITION)

BBB2-11-58C

External Markings -- Forward Fuselage and Nose (Left)
Figure 1/11-15-01-990-801 (Sheet 1 of 8)

EFFECTIVITY

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891, 892

TP-80MM-WJE

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details

For Instructional Use Only

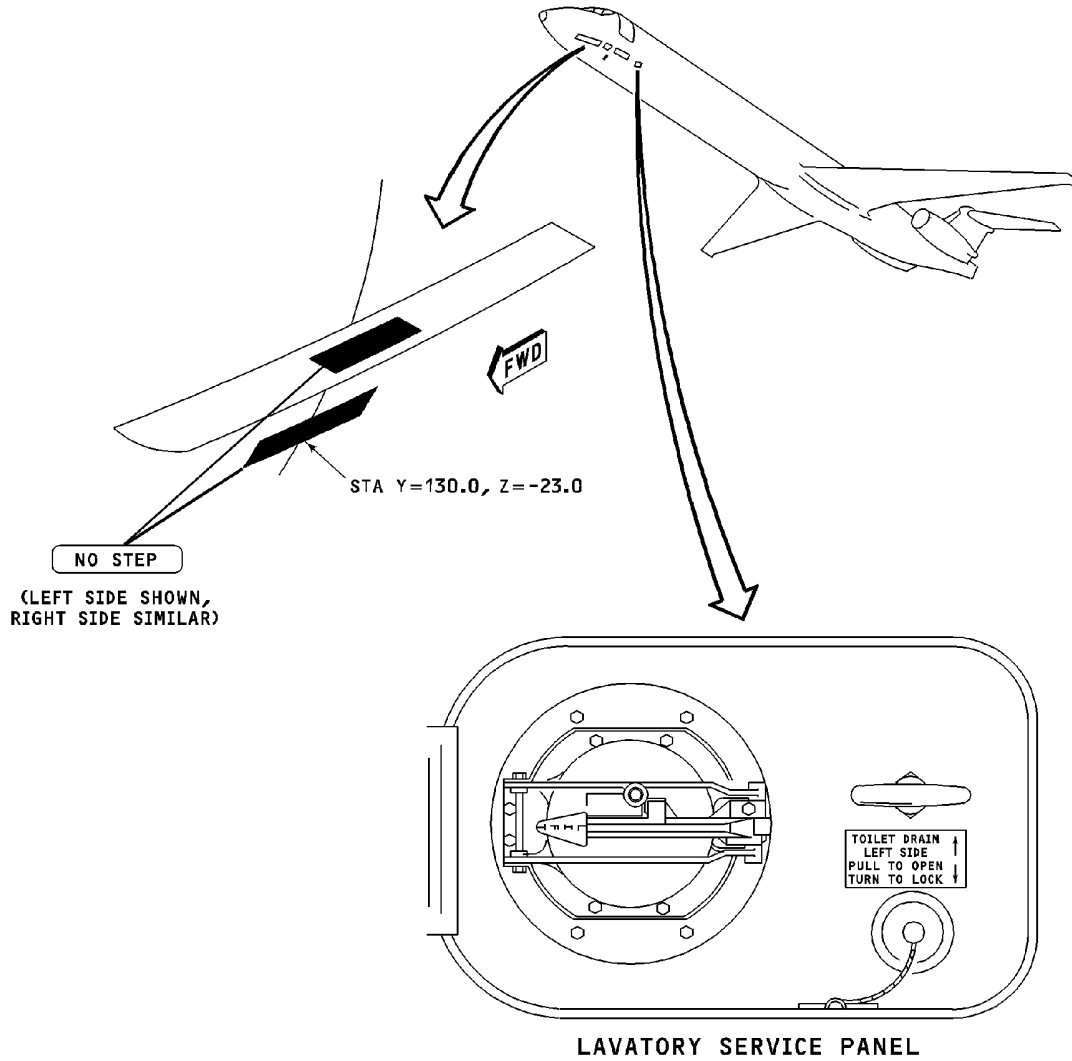
11-15-01

Config 1

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**



CAG(IGDS)

BBB2-11-848

External Markings -- Forward Fuselage and Nose (Left)
Figure 1/11-15-01-990-801 (Sheet 2 of 8)

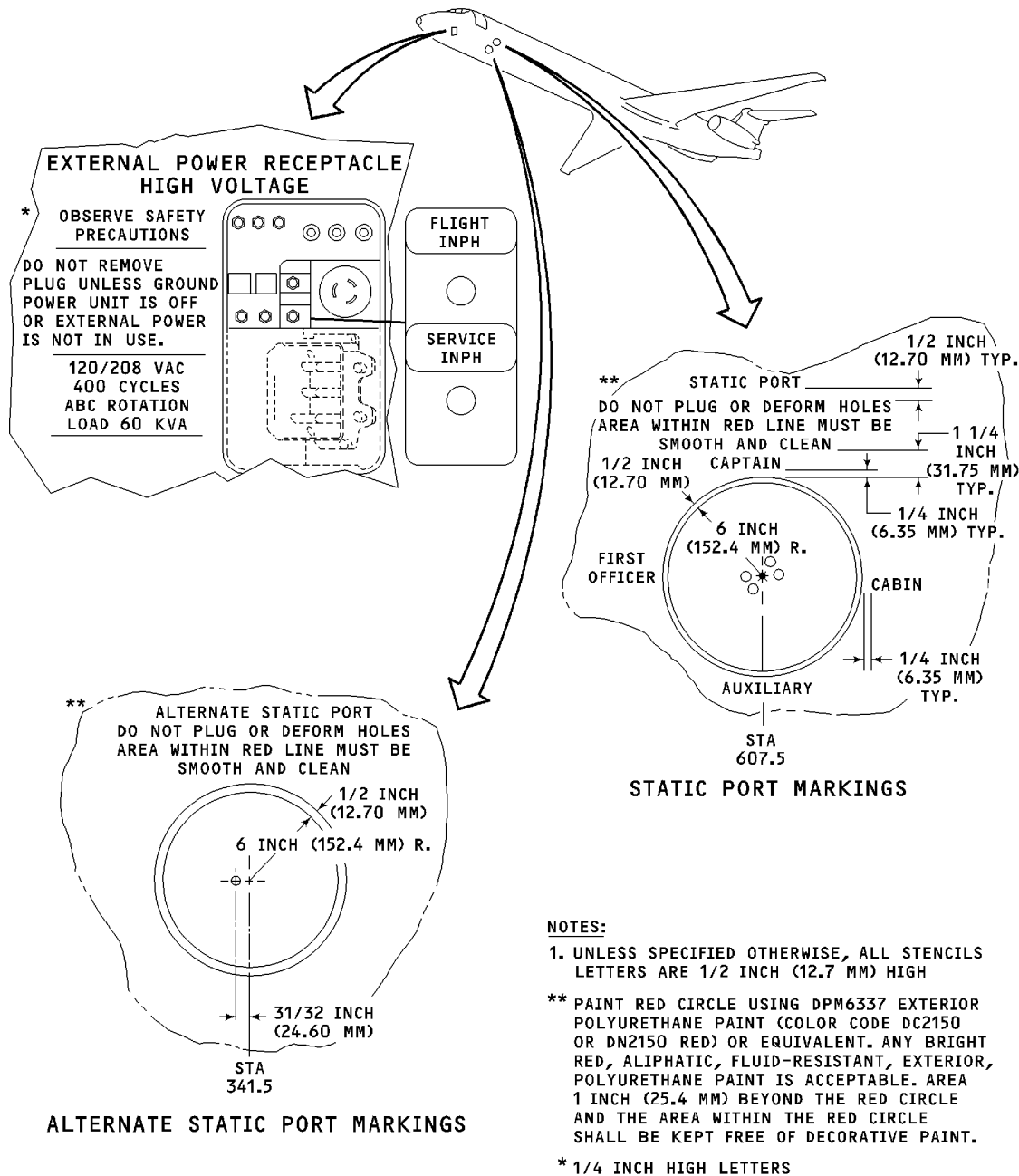
EFFECTIVITY
WJE 412, 414

TP-80MM-WJE

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**



CAG(IGDS)

BBB2-11-35B

**External Markings -- Forward Fuselage and Nose (Left)
Figure 1/11-15-01-990-801 (Sheet 3 of 8)**

EFFECTIVITY

WJE 409, 416, 420, 422, 424-427, 429, 861, 862, 868, 873, 874, 884, 891 PRE MD80-34-180 GROUP 1 & 3

TP-80MM-WJE

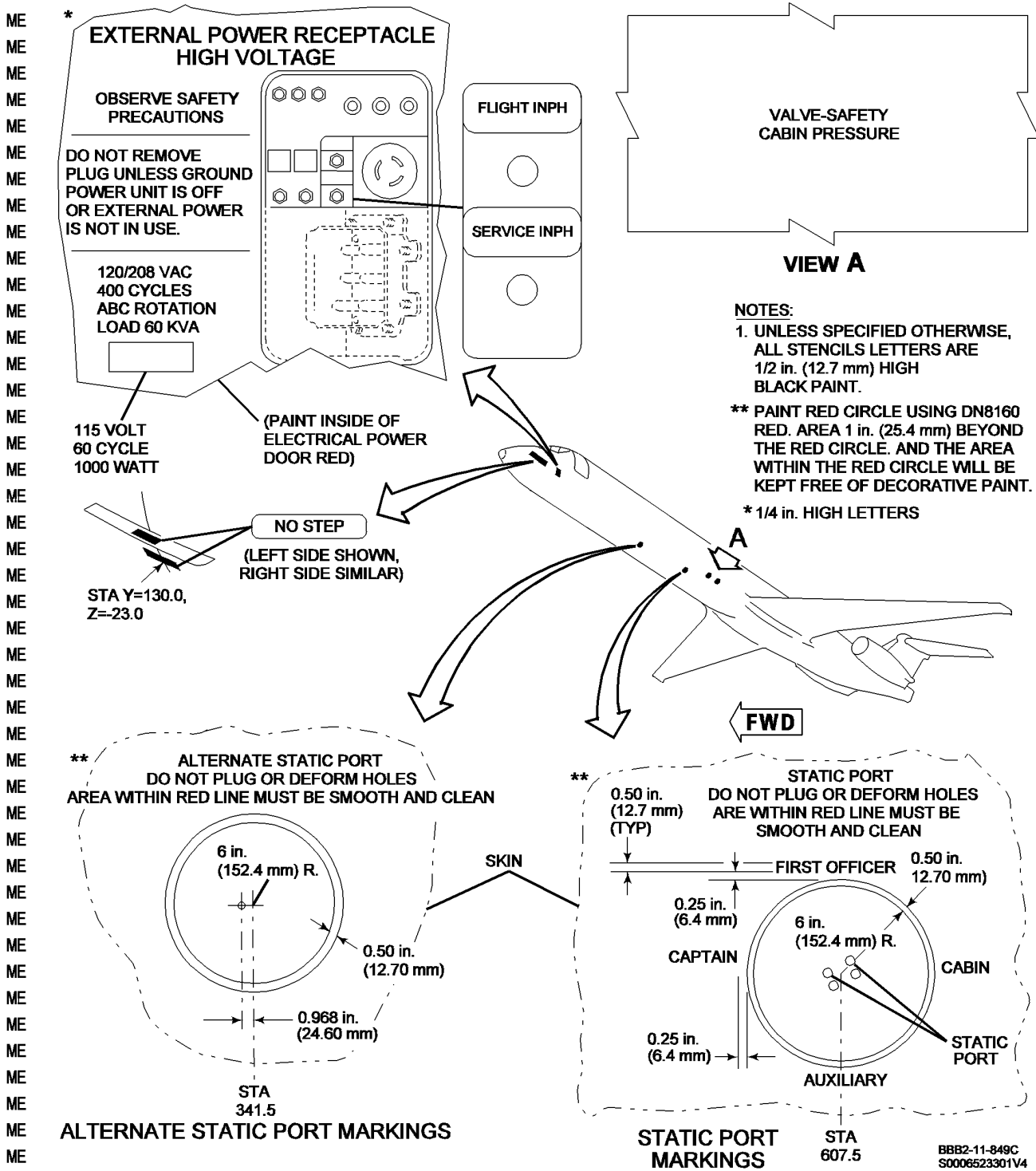
11-15-01

Config 1

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**



WJE
WJE

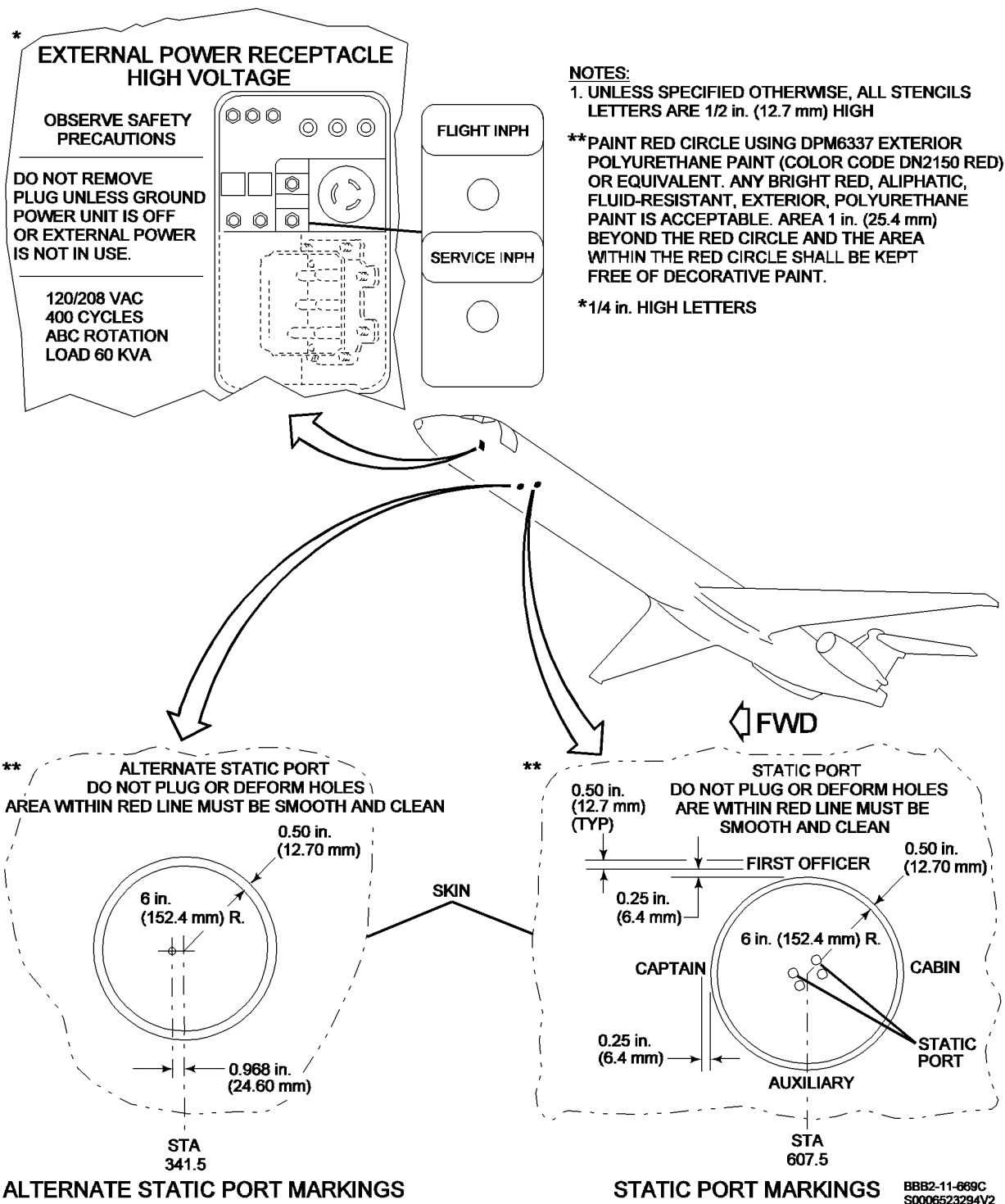
External Markings -- Forward Fuselage and Nose (Left)
Figure 1/11-15-01-990-801 (Sheet 4 of 8)

EFFECTIVITY
WJE 412, 414

TP-80MM-WJE

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MD-80 AIRCRAFT MAINTENANCE MANUAL



External Markings -- Forward Fuselage and Nose (Left)
Figure 1/11-15-01-990-801 (Sheet 5 of 8)

EFFECTIVITY

WJE 401-408, 410-412, 414, 415, 417-419, 421, 423, 863-866, 869, 871, 872, 875-881, 883, 886, 887, 892, 893; WJE 409, 416, 420, 422, 424-427, 429, 861, 862, 868, 873, 874, 884, 891 POST MD80-34-180 GROUP 1 & 3

TP-80MM-WJE

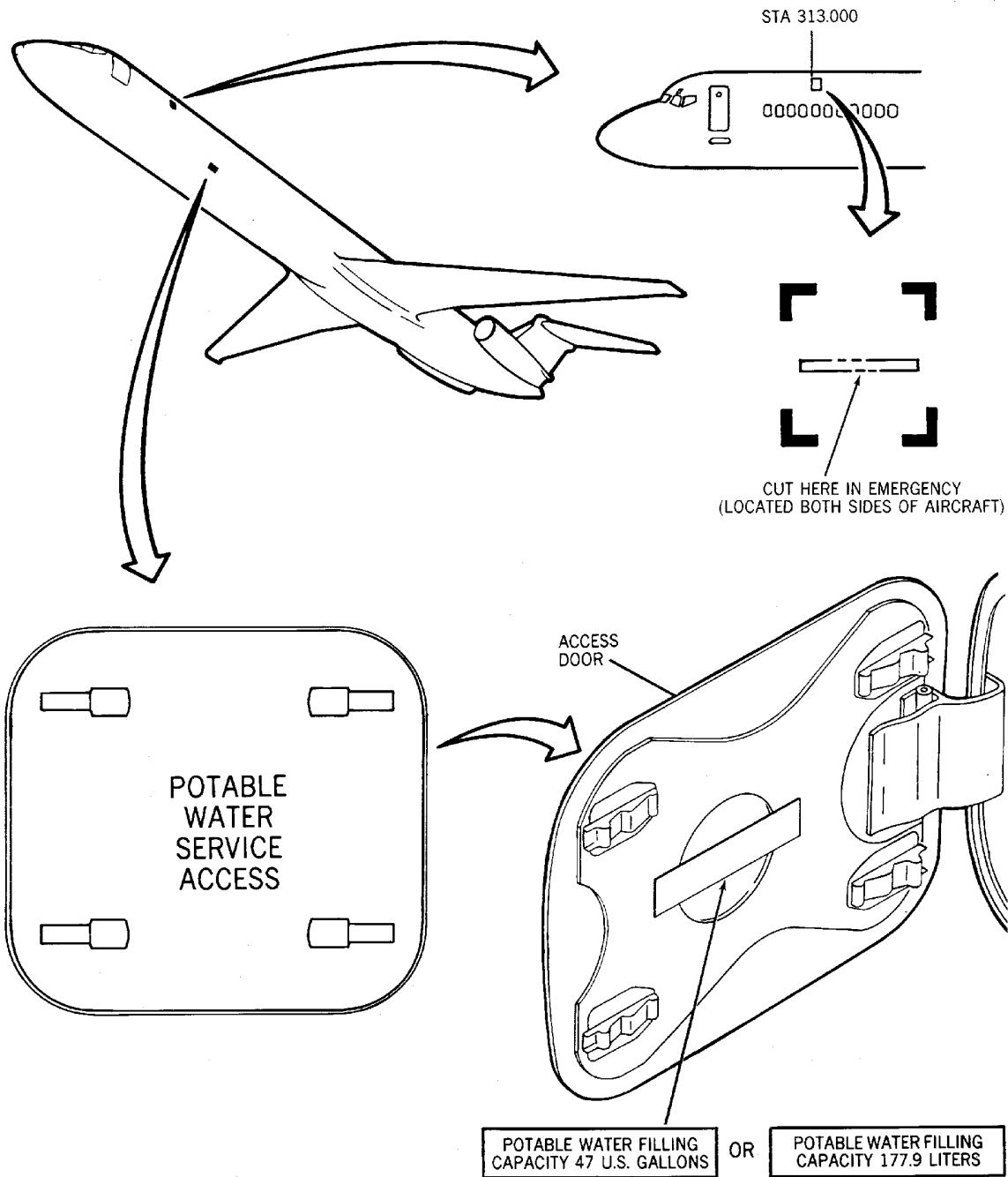
11-15-01

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MD-80 AIRCRAFT MAINTENANCE MANUAL



BBB2-11-536

External Markings -- Forward Fuselage and Nose (Left)
Figure 1/11-15-01-990-801 (Sheet 6 of 8)

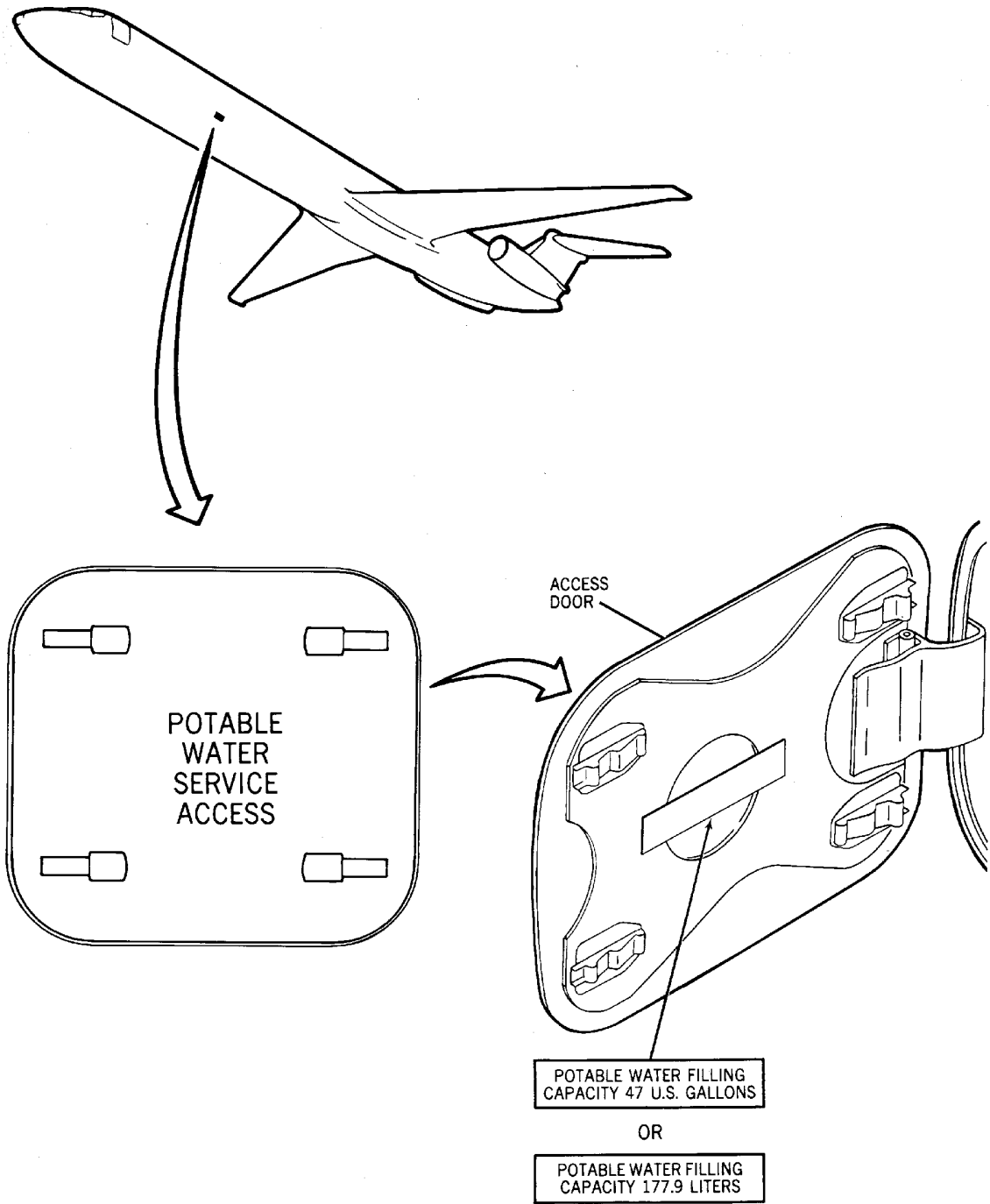
EFFECTIVITY
WJE 873, 874

TP-80MM-WJE

11-15-01

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MD-80 AIRCRAFT MAINTENANCE MANUAL



BBB2-11-436A

External Markings -- Forward Fuselage and Nose (Left)
Figure 1/11-15-01-990-801 (Sheet 7 of 8)

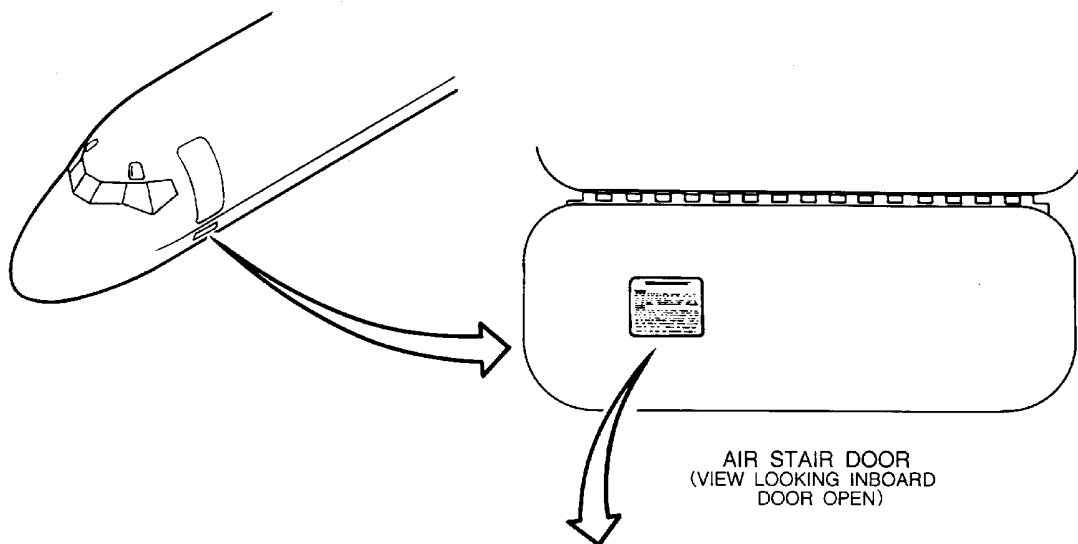
EFFECTIVITY
WJE 401-412, 414-427, 429, 861-866, 868, 869, 871,
872, 875-881, 883, 884, 886, 887, 891, 892

TP-80MM-WJE

11-15-01

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MD-80 AIRCRAFT MAINTENANCE MANUAL



STAIRWAY MANUAL OPERATING INSTRUCTIONS

TO EXTEND:

1. PLACE POWER SWITCH "OFF". (SWITCH IS LOCATED UNDER STAIRWELL EXTERNAL DOOR CONTROL HANDLE.)
2. EXTEND STAIRWAY BY PULLING OUT AND DOWN ON STAIRWELL DOOR. WITHDRAW STAIRWAY, SUPPORTING IT AS IT SWINGS TO THE GROUND.
3. FULLY EXTEND STAIRWAY BY STANDING ON BOTTOM STEP AND PUSHING UP AND INBOARD ON HANDRAILS UNTIL DETENT LATCH IS ENGAGED.
4. LOCK DETENT LATCH (SEE INSTRUCTIONS ON FORWARD SIDE OF CARRIAGE).
5. LATCH PASSENGER ENTRANCE DOOR OPEN.
6. PRESS HANDRAIL MANUAL RELEASE LEVER (LOCATED UNDER HANDRAIL ACTUATOR COVER) AND MANUALLY EXTEND EACH HANDRAIL.

TO RETRACT:

1. PLACE POWER SWITCH "OFF". (LOCATED UNDER DOOR CONTROL HANDLE.)
2. PRESS HANDRAIL MANUAL RELEASE LEVER AND MANUALLY RETRACT EACH HANDRAIL. HANDRAILS ARE SPRING LOADED; RESTRAIN MOTION TO PREVENT DAMAGE.
3. UNLOCK DETENT LATCH. (SEE INSTRUCTIONS ON FORWARD SIDE OF CARRIAGE.)
4. DISENGAGE DETENT LATCH BY STANDING ON BOTTOM STEP AND PULLING DOWN AND OUTBOARD ON HANDRAILS.
5. RETRACT STAIRWAY BY LIFTING UP AND PUSHING IN ON BOTTOM STEP.
6. PUSH EXTERNAL DOOR CONTROL HANDLE TO LATCH (FAIRED) POSITION WHEN STAIRWELL DOOR IS CLOSED TO WITHIN 1/2 INCH OF FAIRED.

NOTE: LOCK DETENT LATCH BEFORE ELECTRIC POWER IS REMOVED FROM EXTENDED STAIRWAY; UNLOCK DETENT LATCH BEFORE ATTEMPTING TO ELECTRICALLY RETRACT STAIRWAY.

BBB2-11-621

External Markings -- Forward Fuselage and Nose (Left)
Figure 1/11-15-01-990-801 (Sheet 8 of 8)

EFFECTIVITY

WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 886, 887, 891, 892

TP-80MM-WJE

11-15-01

Config 1

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

FORWARD AND NOSE FUSELAGE SECTION (RIGHT) - DESCRIPTION AND OPERATION

1. External Markings -- Forward Fuselage and Nose (Right)

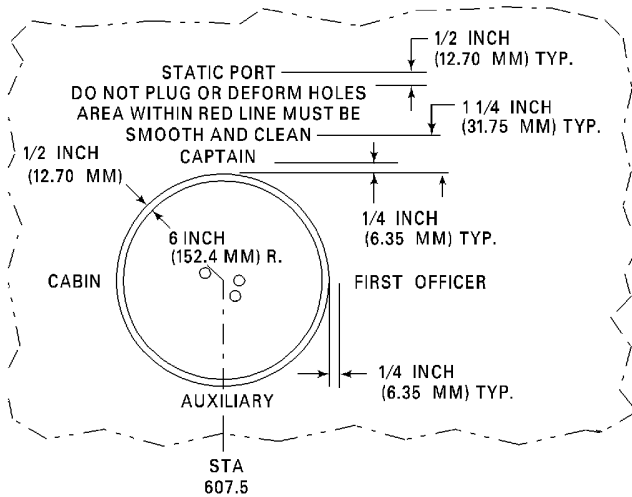
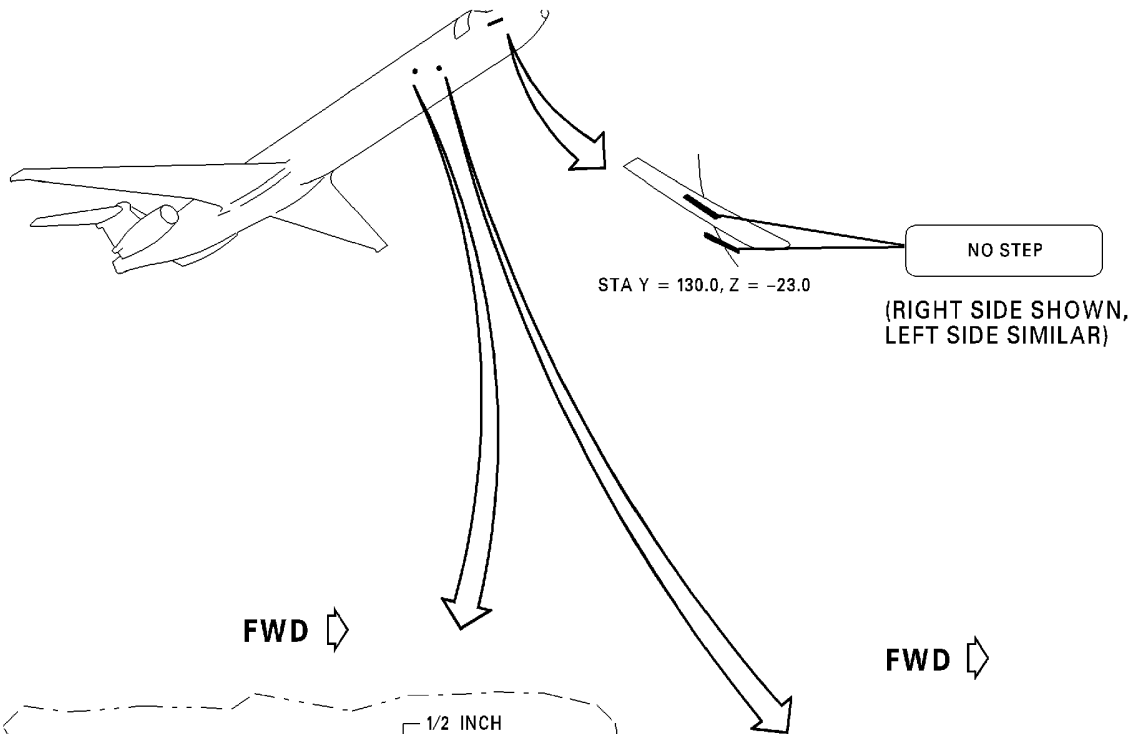
EFFECTIVITY
WJE ALL

TP-80MM-WJE

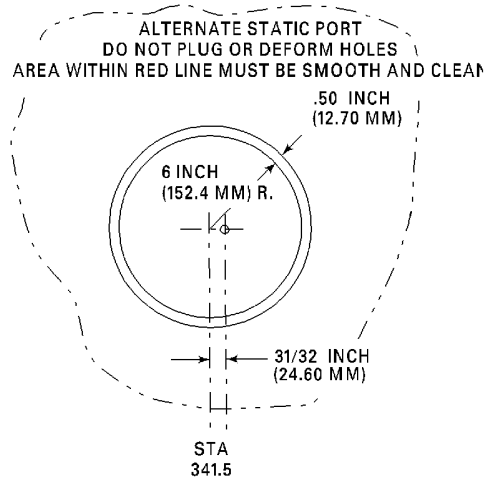
11-15-02

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MD-80 AIRCRAFT MAINTENANCE MANUAL



STATIC PORT MARKINGS



ALTERNATE STATIC PORT MARKINGS

NOTES:

ALL LETTERS ARE 1/2 INCH (12.70 MM) HIGH, CONTRASTING (BLACK OR WHITE). CIRCLES ARE 6 INCH (152.4 MM) RADII, WITH 1/2 INCH (12.70 MM) WIDE PERIMETER LINES (DC2150 RED). THE AREA WITHIN EACH PERIMETER, AND UP TO 1 INCH (25.40 MM) BEYOND, SHALL BE KEPT FREE OF ALL DECORATIVE PAINT. DIMENSIONS ARE IN INCHES, MM ARE IN PARENTHESIS.

CAG (IGDS)

BBB2-11-53D

External Markings -- Forward Fuselage and Nose (Right)
Figure 1/11-15-02-990-801 (Sheet 1 of 2)

I

EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-15-02



**MD-80
AIRCRAFT MAINTENANCE MANUAL**

FORWARD FUSELAGE AND NOSE SECTION (BOTTOM) - DESCRIPTION AND OPERATION

1. Forward Fuselage and Nose Section (Bottom) - External Markings

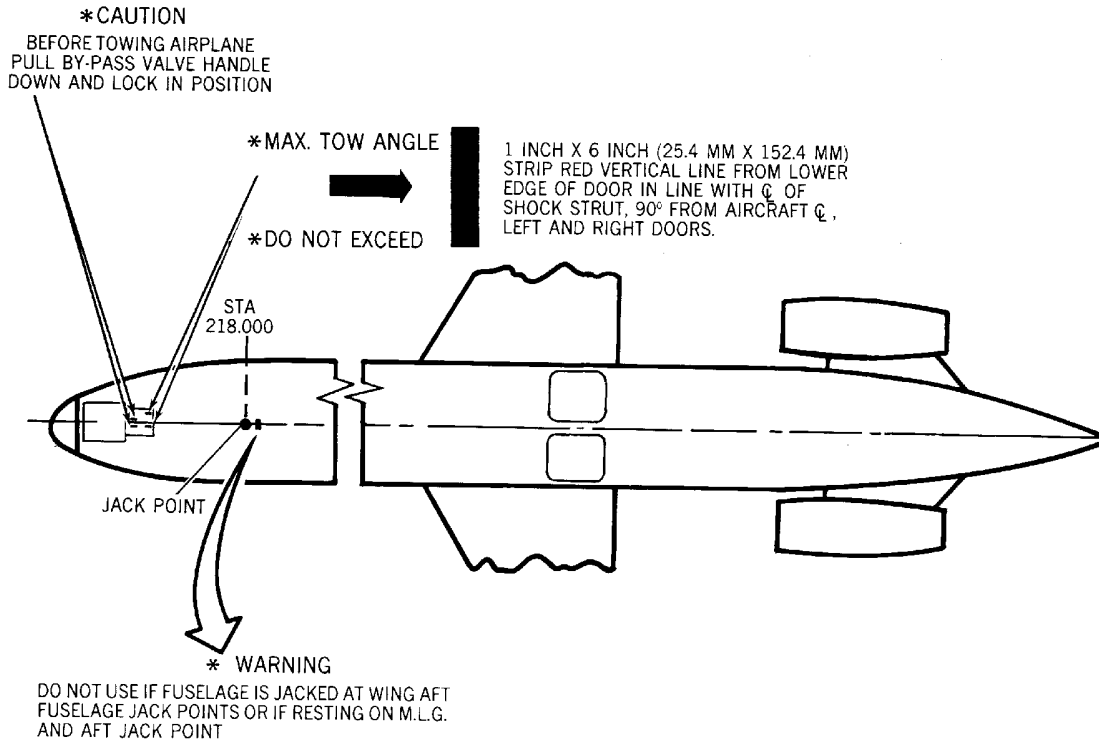
EFFECTIVITY
WJE 420, 422, 424, 429, 891

TP-80MM-WJE

11-15-03

Config 1
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**MD-80
AIRCRAFT MAINTENANCE MANUAL**



NOTE:

* INDICATES STENCILS WITH 1/2 INCH (12.7MM) LETTERS.
ALL OTHER STENCILS ARE 1/4 INCH (6.35MM) LETTERS.
CONTRASTING (BLACK OR WHITE) COLORS.

BBB2-11-52C

**External Markings -- Forward Fuselage and Nose Section (Bottom)
Figure 1/11-15-03-990-801**

EFFECTIVITY
WJE 420, 422, 424, 429, 891

TP-80MM-WJE

11-15-03

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

FORWARD FUSELAGE AND NOSE SECTION (BOTTOM) - DESCRIPTION AND OPERATION

1. Forward Fuselage and Nose Section (Bottom) - External Markings

EFFECTIVITY

**WJE 401-412, 414-419, 421, 423, 425-427, 861-866,
868, 869, 871-881, 883, 884, 886, 887, 892, 893**

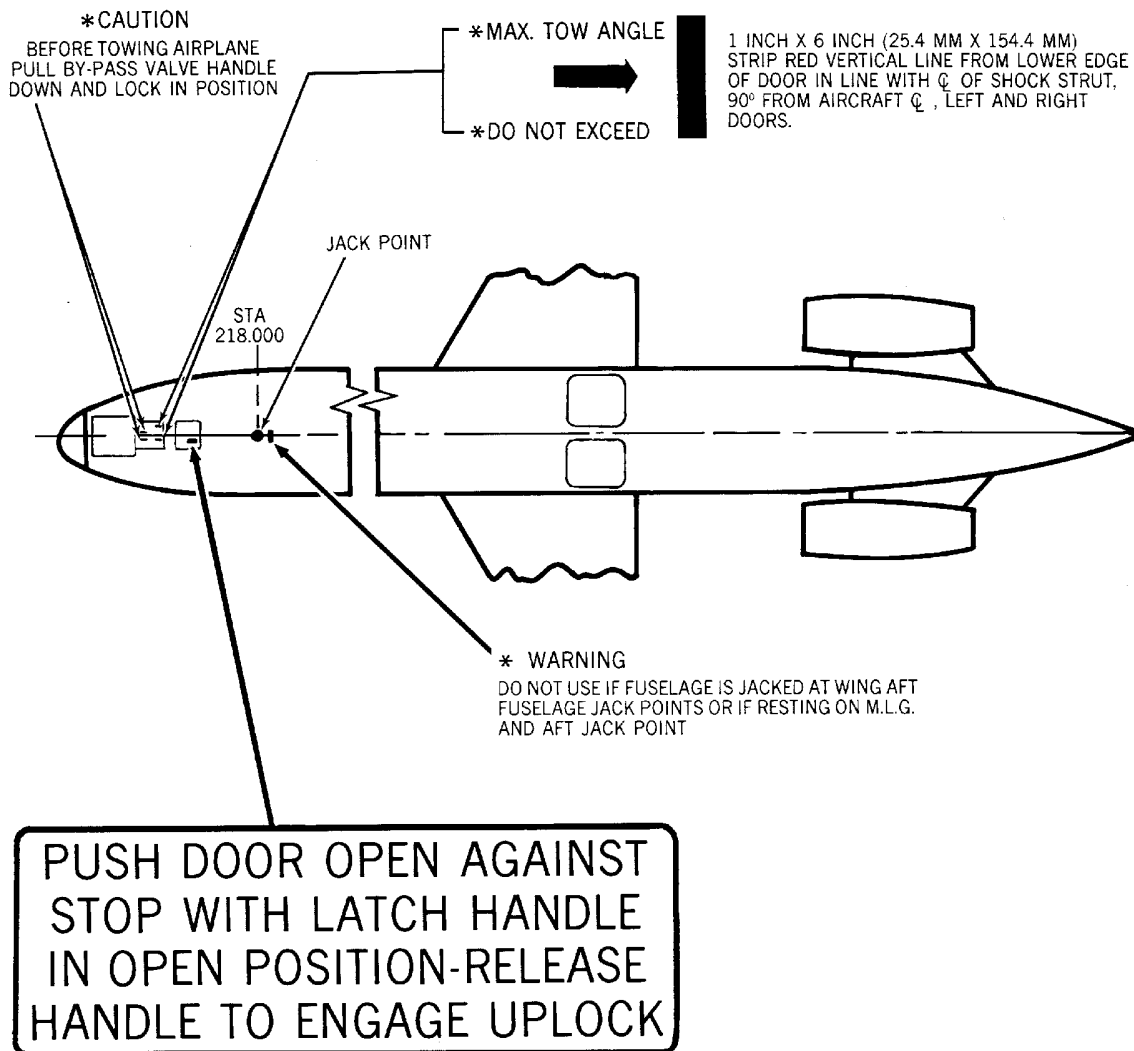
TP-80MM-WJE

11-15-03

Config 2
Page 1

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**



NOTE:

* INDICATES STENCILS WITH 1/2 INCH (12.7 MM) LETTERS.
ALL OTHER STENCILS ARE 1/4 INCH (6.35 MM) LETTERS.
CONTRASTING (BLACK OR WHITE) COLORS.

BBB2-11-487

**External Markings -- Forward Fuselage and Nose Section (Bottom)
Figure 1/11-15-03-990-802**

EFFECTIVITY

WJE 401-412, 414-419, 421, 423, 425-427, 861-866,
868, 869, 871-881, 883, 884, 886, 887, 892, 893

TP-80MM-WJE

11-15-03

Config 2

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

NOSE RADOME - DESCRIPTION AND OPERATION

1. External Markings - Nose Radome - External Markings

EFFECTIVITY
WJE ALL

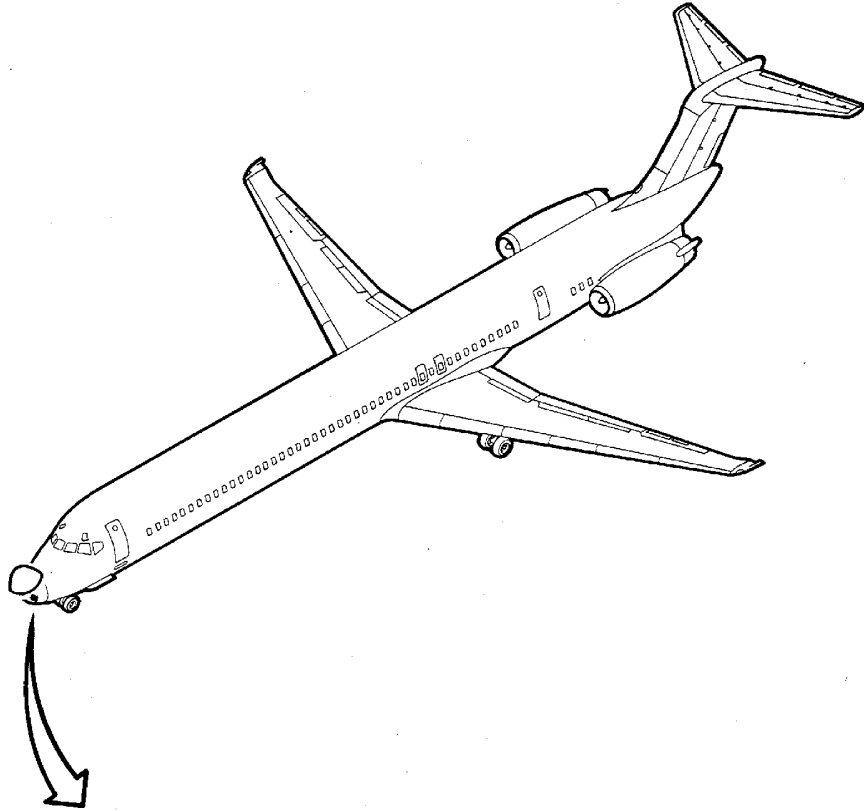


TP-80MM-WJE

11-15-04

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MD-80 AIRCRAFT MAINTENANCE MANUAL



RADOME SUPPORT INSTRUCTIONS

1. OPEN RADOME UNTIL STRUTS ARE FULLY EXTENDED. LOCKING LEVERS WILL KEEP THE STRUTS IN THE EXTENDED POSITION.
2. TO CLOSE RADOME, DISENGAGE THE LOCKING LEVER ON EACH STRUT WHILE SUPPORTING THE RADOME MANUALLY.
3. LOWER RADOME SLOWLY TO THE CLOSED POSITION.

(RADOME SUPPORT INSTRUCTIONS)

BBB2-11-15

External Markings - Nose Radome
Figure 1/11-15-04-990-801

EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-15-04

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

MAIN LANDING GEAR - DESCRIPTION AND OPERATION

1. Main Landing Gear - External Markings

EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-16-01

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MD-80 AIRCRAFT MAINTENANCE MANUAL

SERVICE MAIN LANDING GEAR AS FOLLOWS:

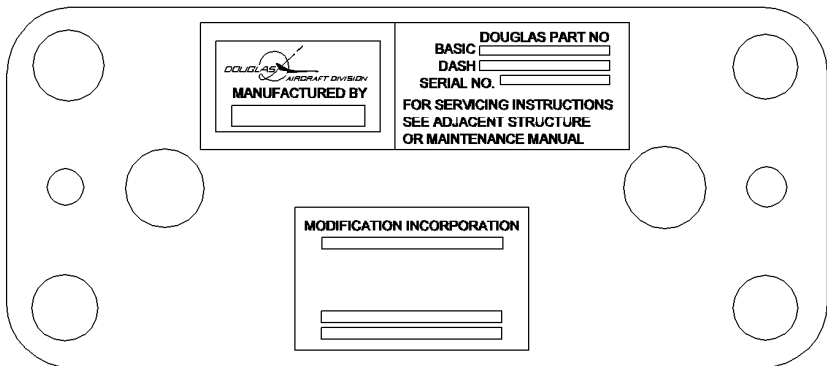
1. LOOSEN SWIVEL NUT ON AIR CHARGING VALVE & RELEASE GAS UNTIL STRUT BOTTOMS.
2. REMOVE AIR CHARGING VALVE. ATTACH FILLER CHUCK TO HYDRAULIC FLUID FILL PORT & FILL WITH A MIXTURE OF 97.5% MIL-H-5606, 1.5% ZINC-DITHIOPHOSPHATE AND 1.0% METHYL OLEATE BY VOLUME AT 70^o±10^oF UNTIL AIR-FREE OIL FLOWS OUT OF UPPER PORT.
3. REPLACE AIR CHARGING VALVE. SLOWLY INFLATE STRUT WITH DRY NITROGEN UNTIL AIRCRAFT LIFTS OFF BOTTOMING POSITION. READ PRESSURE AND NOTE CORRESPONDING "X" DIMENSION FROM CHART.
4. INFLATE STRUT UNTIL NOTED "X" DIMENSION IS OBTAINED. CHECK PRESSURE AND "X" DIMENSION AND ADJUST INFLATION UNTIL PRESSURE AND "X" DIMENSION PLOT WITHIN CHART BAND.
5. CLOSE SWIVEL NUT. STRUT IS NOW SERVICED FOR ANY GROSS WEIGHT AND CG POSITION.
6. SEE MAINTENANCE MANUAL FOR STRUT TEMPERATURES BEYOND 70^o±30^oF.

NOTE: STRUT MAY BE SERVICED WHILE AIRPLANE IS ON WING JACKS BY THE FOLLOWING PROCEDURE:
PERFORM STEP 1.0 ABOVE, JACK PISTON TO THE FULLY COMPRESSED POSITION;
PERFORM STEP 2.0 ABOVE, EXTEND STRUT FULLY AND THEN PRESSURIZE TO 300 ±15 PSIG WITH DRY NITROGEN.

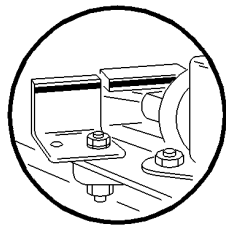
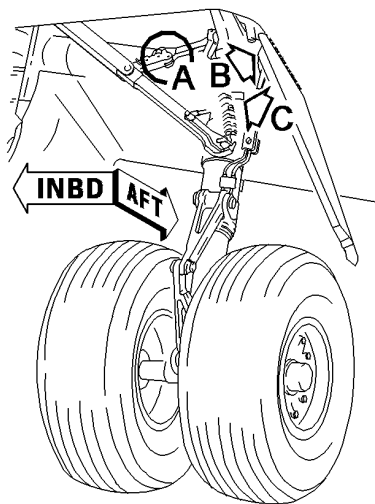
WARNING: RELEASE GAS PRESSURE BEFORE DISASSEMBLY.

PLATE NO. 7939970-535 U

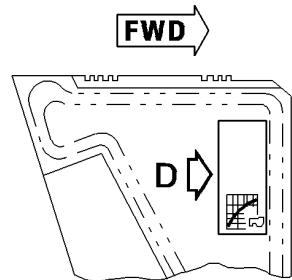
VIEW D



VIEW C



**VIEW A
(ROTATED 90^o)**



**VIEW B
LEFT SIDE
LOOKING OUTBD**

BBB2-11-913
S0000195575V1

**External Markings - Main Landing Gear
Figure 1/11-16-01-990-801**

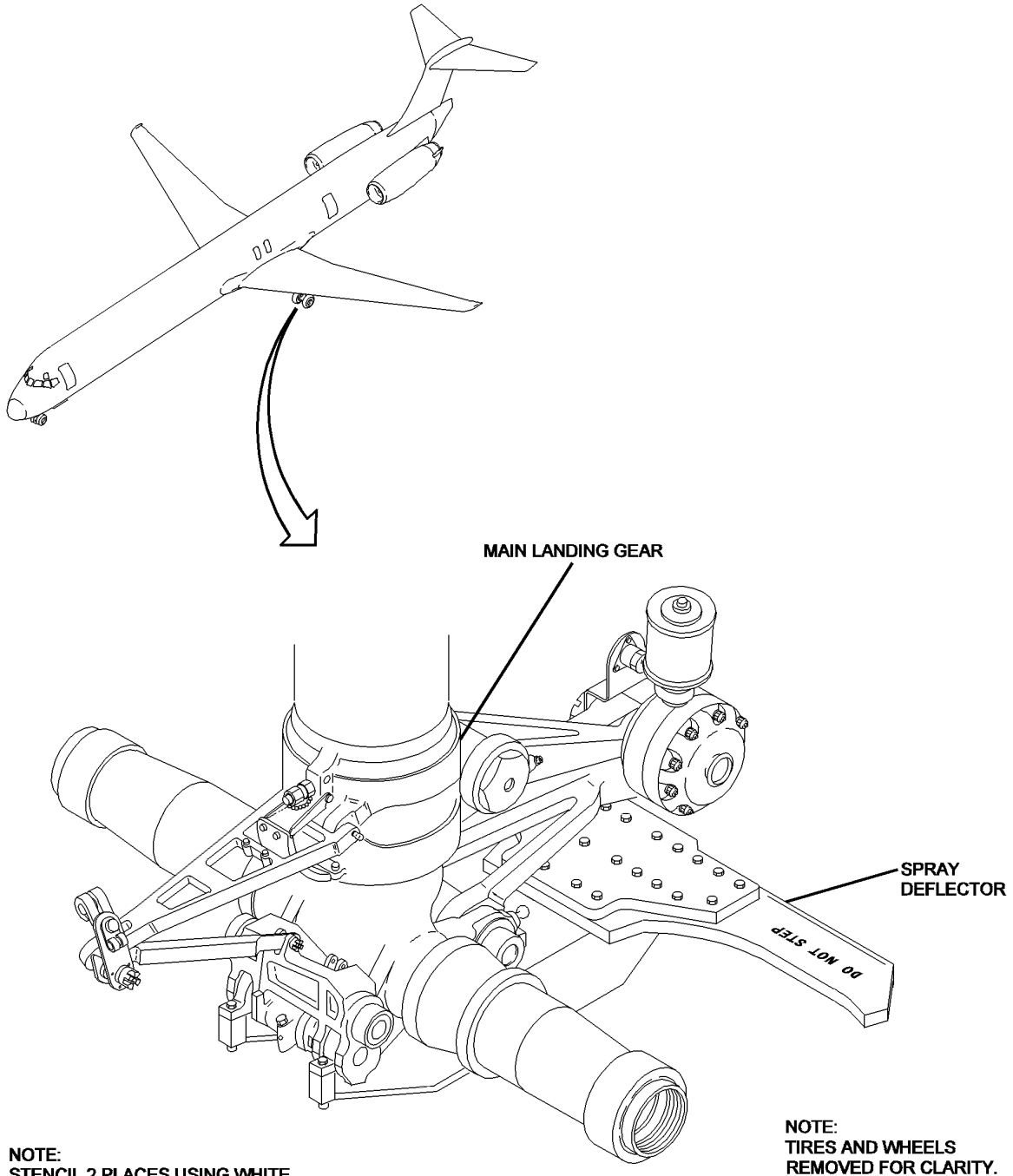
EFFECTIVITY
WJE ALL

11-16-01

TP-80MM-WJE

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MD-80 AIRCRAFT MAINTENANCE MANUAL



NOTE:
STENCIL 2 PLACES USING WHITE
TOP COAT PER OPERATOR'S SHOP
PRACTICES. STENCIL LETTERING
1.00 in. HIGH AND CENTERED.

NOTE:
TIRES AND WHEELS
REMOVED FOR CLARITY.

BBB2-11-914
S0000203818V1

External Markings - Main Landing Gear Spray Deflector
Figure 2/11-16-01-990-802

EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-16-01

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

NOSE LANDING GEAR - DESCRIPTION AND OPERATION

1. Nose Landing Gear - External Markings

EFFECTIVITY
WJE ALL



TP-80MM-WJE

11-16-02

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MD-80 AIRCRAFT MAINTENANCE MANUAL

FOR SERVICING STRUT WITH OIL THRU LOWER PORT

1. A. LOCATE UPPER PORT WHERE HELIX BEGINS ON THE LOWER PORT SECTION.
2. A. REMOVE UPPER PORT VALVE ASSEMBLY.
3. A. ATTACH FILLER CONDUIT TO LOWER PORT AND FILL PORT & FILL WITH OIL PER AMM OR AIRPORT LITER AIR PORT OR FILL CONDUIT OF UPPER PORT.
4. A. REPLACE & TIGHTEN UPPER PORT VALVE ASSEMBLY.
5. A. IN CASE STRUT WITH OIL IS TO BE SERVICED, THE UPPER PORT & LOWER PORT HELIXES MUST BE OILED.
6. A. HELIXES SHOULD NOT BE OILED UNLESS OILED BY OIL OR ANY OILS RECOMMENDED BY THE OIL COMPANY.

NOTE: STRUT MAY BE SERVICED WHILE AIRPLANE IS ON JACOBY HOIST. COMPLETION OF SERVICING SHOULD BE A S.A. CHECK. THEN ADVANCE TO THE FULLY COMPLETED PORTION. BEFORE PORTION FULLY INFLATE TO DESIRED PRESSURE WITH OILY HYDROGEN.

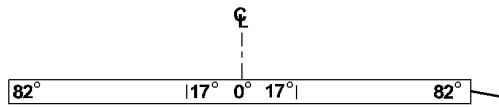
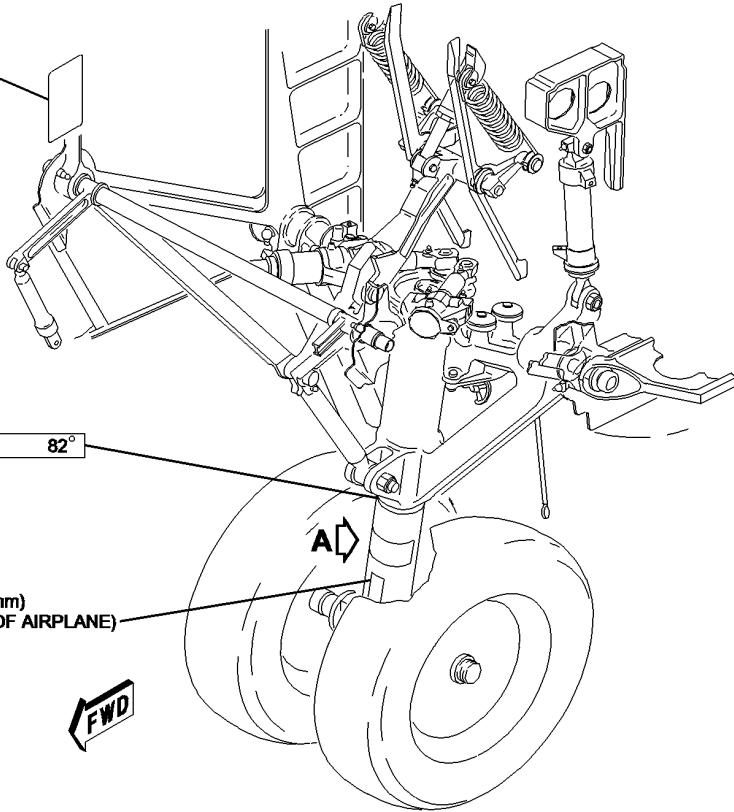
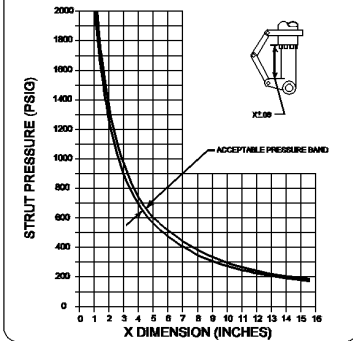
FOR SERVICING STRUT WITH OIL THRU UPPER PORT

1. B. OIL PER AIRPORT 1-A.
2. B. OIL PER AIRPORT 2-A.
3. B. PER 1011-N-1 OF 1811-N-1 WITH OIL PER AIRPORT 1-A PER 1-1-N-1.
4. B. OIL PER AIRPORT 4-A.
5. B. OIL PER AIRPORT 5-A.
6. B. OIL PER AIRPORT 6-A.

NOTE: STRUT MAY BE SERVICED WHILE AIRPLANE IS ON JACOBY BY THE FOLLOWING PROCEDURE: POSITION STRUT IN 0° POSITION. THEN ADVANCE TO THE UPPER PORT SECTION. BEFORE PORTION FULLY INFLATE & OIL PER AIRPORT 1-A PER 1-1-N-1. THEN ADVANCE TO THE FULLY COMPLETED PORTION. BEFORE PORTION FULLY INFLATE TO DESIRED PRESSURE WITH OILY HYDROGEN.

WARNING: RELEASE GAS PRESSURE BEFORE DISASSEMBLY.

INSTRUCTION
PLATE
SEE (SHEET 2)



(RED TAPE, 1 in. X
5 in. (25.4 X 127.0 mm)
CENTERED ON ϕ OF AIRPLANE)

<p>MANUFACTURED BY</p> <p>3926841-501</p>	<p>MODIFICATION INCORPORATION</p> <p>_____</p> <p>_____</p> <p>_____</p>	<p>DOUGLAS PART NO.</p> <p>BASIC _____</p> <p>DASH _____</p> <p>SERIAL NO. _____</p>
	<p>FOR SERVICING INSTRUCTIONS SEE ADJACENT STRUCTURE OR MAINTENANCE MANUAL</p>	

VIEW A

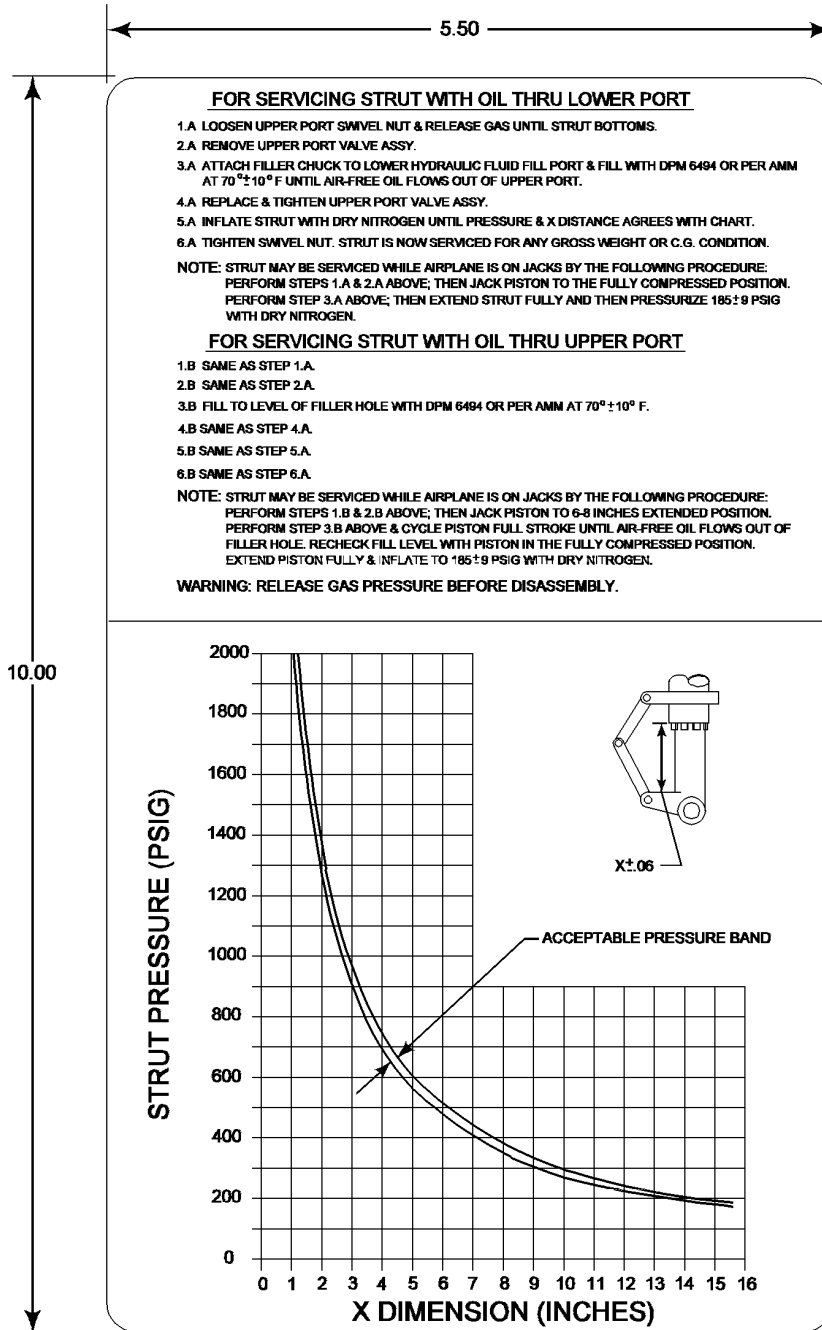
BBB2-11-934
S0000260929V1

External Markings - Nose Gear Assembly
Figure 1/11-16-02-990-801 (Sheet 1 of 3)

EFFECTIVITY
WJE ALL

11-16-02

MD-80 AIRCRAFT MAINTENANCE MANUAL



BBB2-11-933
S0000260934V1

**External Markings - Nose Gear Assembly
Figure 1/11-16-02-990-801 (Sheet 2 of 3)**

EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-16-02

**MD-80
AIRCRAFT MAINTENANCE MANUAL**

RUDDER AND VERTICAL STABILIZER (LEFT SIDE) - DESCRIPTION AND OPERATION

1. Rudder and Vertical Stabilizer (Left Side) - External Markings

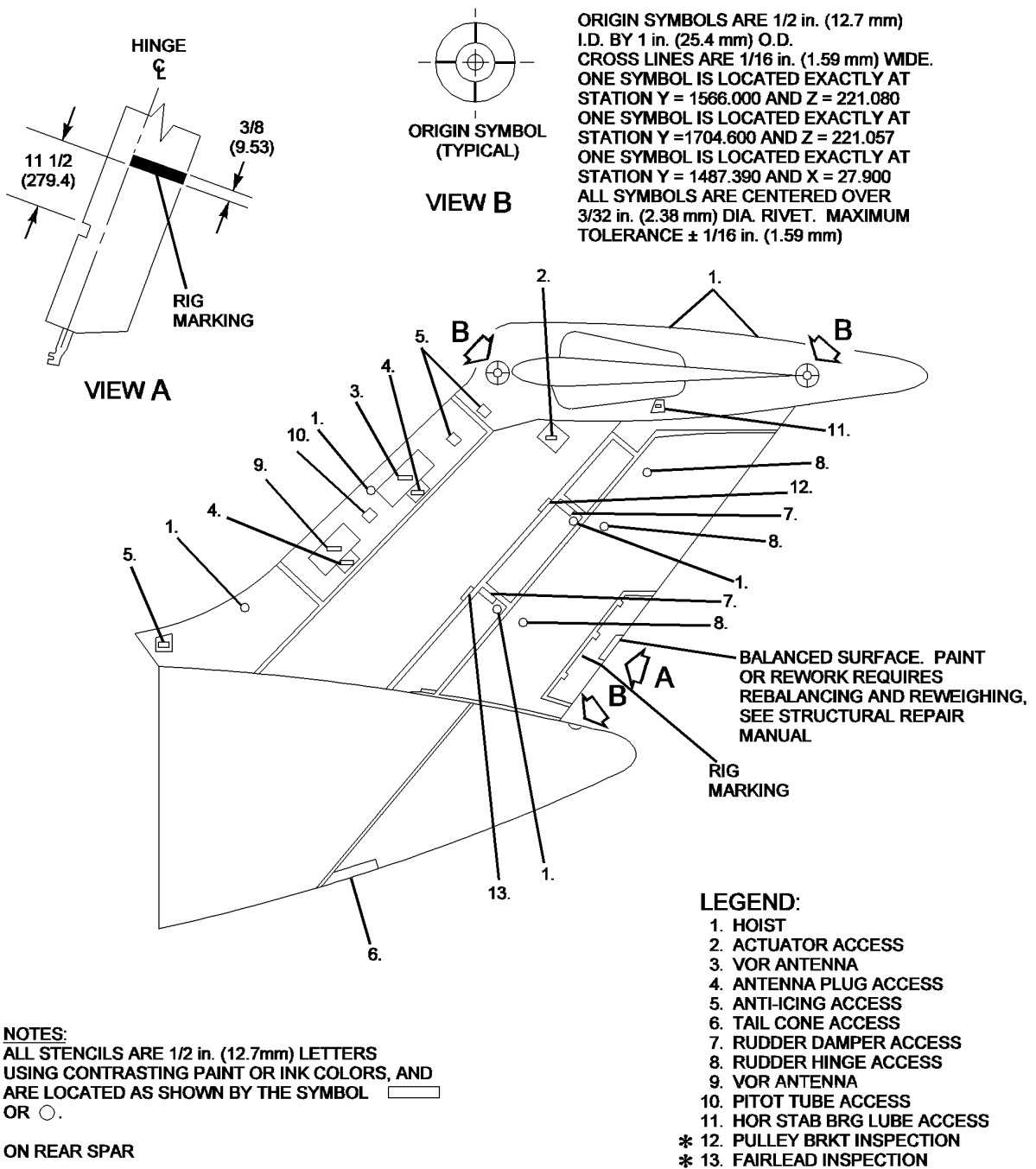
EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-18-01

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MD-80 AIRCRAFT MAINTENANCE MANUAL



BBB2-11-4D
S0006523346V2

External Markings - Rudders and Vertical Stabilizer (Left Side)
 Figure 1/11-18-01-990-801 (Sheet 1 of 3)

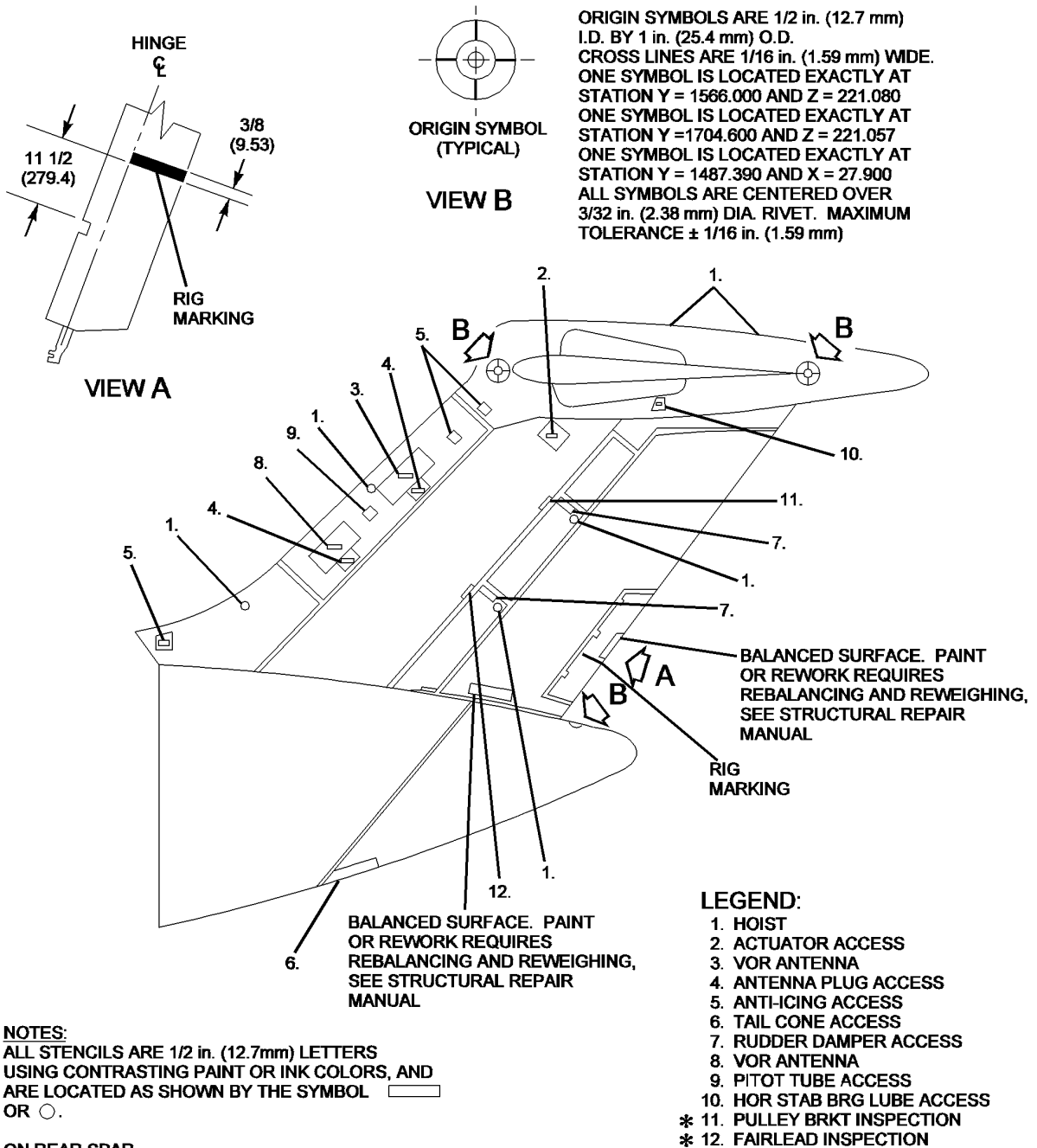
EFFECTIVITY
 WJE 422, 424, 429

TP-80MM-WJE

11-18-01

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MD-80 AIRCRAFT MAINTENANCE MANUAL



BBB2-11-650A
S0006523344V2

External Markings - Rudders and Vertical Stabilizer (Left Side)
Figure 1/11-18-01-990-801 (Sheet 3 of 3)

EFFECTIVITY

WJE 401-411, 415-421, 423, 425-427, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

TP-80MM-WJE

11-18-01

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

RUDDER AND VERTICAL STABILIZER (RIGHT SIDE) - DESCRIPTION AND OPERATION

1. Rudder and Vertical Stabilizer (Right Side) - External Markings

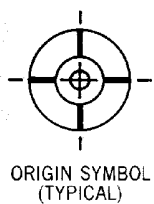
EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-18-02

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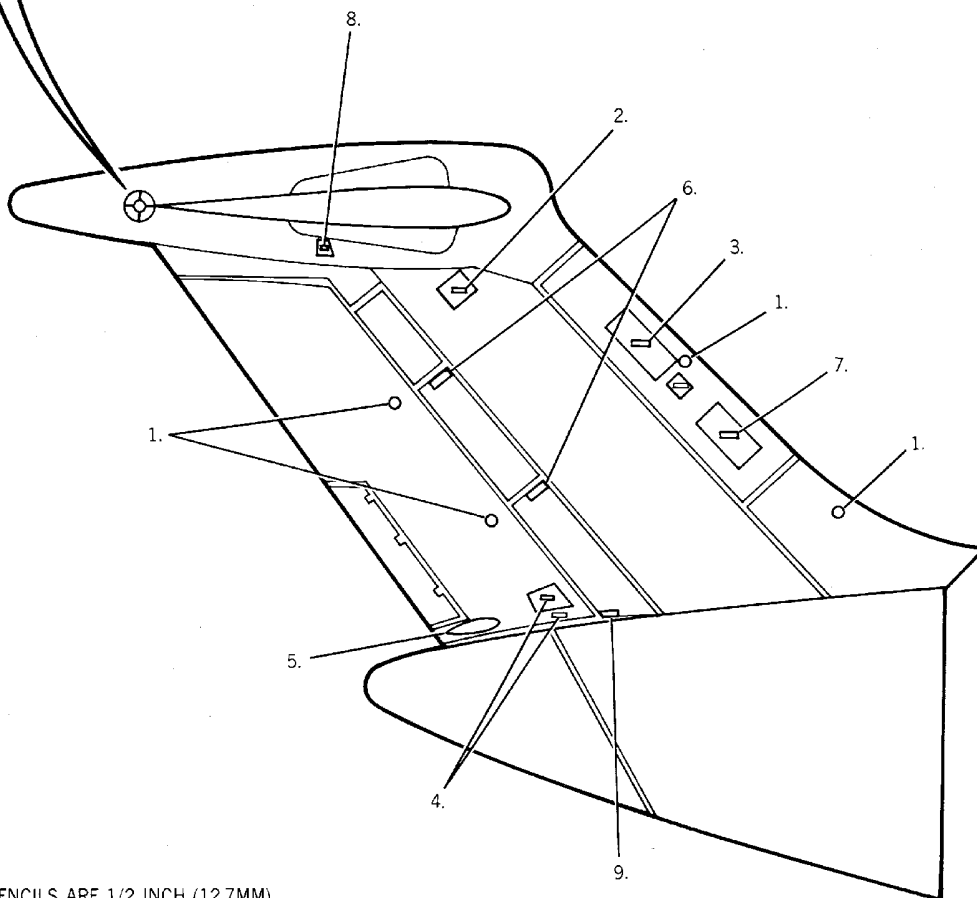
MD-80 AIRCRAFT MAINTENANCE MANUAL



ORIGIN SYMBOL IS 1/2 INCH (12.7MM) I.D. BY 1 INCH (25.4MM) O.D. CROSS LINES ARE 1/16 INCH (1.59MM) WIDE. SYMBOL IS LOCATED EXACTLY AT STATION Y = 1704.600 AND Z = 221.057, CENTERED OVER 3/32 (2.38MM) DIA. RIVET. MAXIMUM TOLERANCE $\pm 1/16$ (1.59MM)

LEGEND:

1. HOIST
2. ACTUATOR ACCESS
3. VOR ANTENNA
4. RUDDER REMOVAL ACCESS
5. TAB BEARING ACCESS
6. RUDDER DAMPER ACCESS
7. VOR ANTENNA
8. HOR STAB BRG LUBE ACCESS
9. RUDDER REMOVAL ACCESS



NOTES:

ALL STENCILS ARE 1/2 INCH (12.7MM) LETTERS, USING CONTRASTING PAINT OR INK COLORS, AND ARE LOCATED AS SHOWN BY THE SYMBOL \square OR \circ .

ALL DIMENSIONS SHOWN ARE IN INCHES.

ALL DIMENSIONS SHOWN IN PARENTHESIS () ARE IN MILLIMETERS.

BBB2-11-3D

**External Markings - Rudders and Vertical Stabilizers (Right Side)
Figure 1/11-18-02-990-801 (Sheet 2 of 2)**

EFFECTIVITY

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

TP-80MM-WJE

11-18-02

**MD-80
AIRCRAFT MAINTENANCE MANUAL**

MAIN GEAR WHEELWELL - DESCRIPTION AND OPERATION

1. External Markings - Main Gear Wheelwell - External Markings

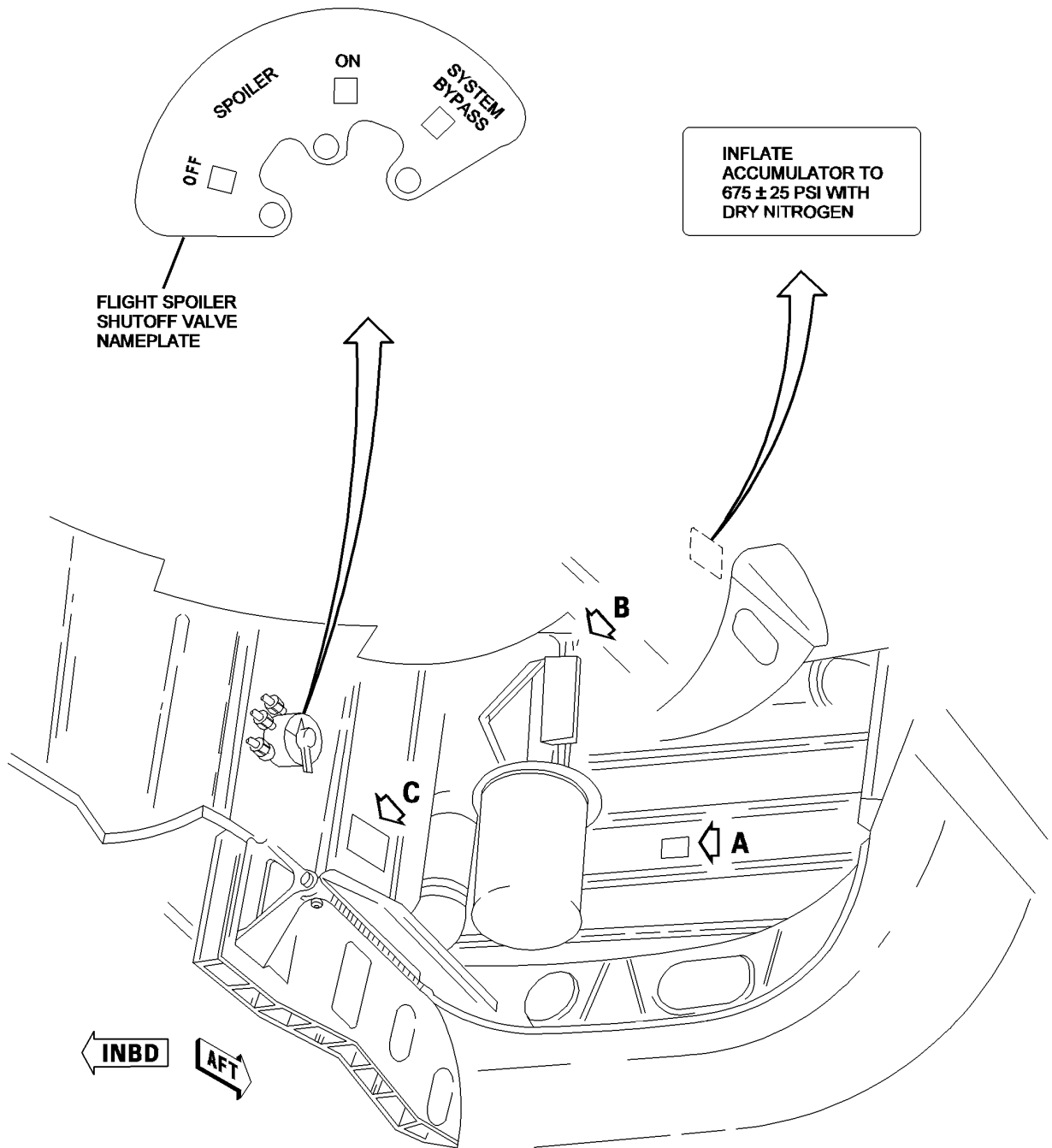
EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-19-01

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MD-80 AIRCRAFT MAINTENANCE MANUAL



BBB2-11-920
S0000227420V1

External Markings - Main Landing Gear Wheelwell
Figure 1/11-19-01-990-801 (Sheet 1 of 4)

EFFECTIVITY
WJE ALL

11-19-01

TP-80MM-WJE

Page 2
Feb 01/2015

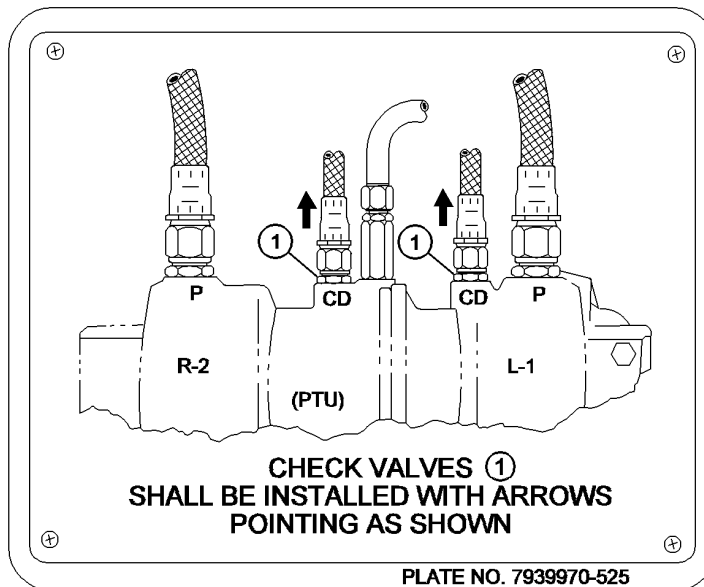
MD-80 AIRCRAFT MAINTENANCE MANUAL

HYDRAULIC RESERVOIR FILLING INSTRUCTIONS USE SKYDROL 500

1. SYSTEM NOT OPERATING-ALL PUMPS "OFF".
2. PLACE SPOILER SHUTOFF VALVE IN "SYSTEM BYPASS" POSITION.
3. DETACH FEMALE HALF OF DISCONNECT FITTING FROM HAND PUMP SUCTION LINE.
4. INSERT FEMALE HALF OF DISCONNECT AND HOSE INTO SKYDROL 500 FLUID CONTAINER AND OPERATE HAND PUMP.
5. FILL TO PROPER FLUID LEVEL AND BLEED PER RESERVOIR INSTRUCTION PLATE.
6. UPON COMPLETION, RECONNECT DISCONNECT FITTING.
7. RETURN SPOILER SHUTOFF VALVE TO "ON" POSITION AND SAFETY HANDLE IN PLACE.

PLATE NO. 5917044-1

VIEW A LEFT AND RIGHT MLG WHEELWELL ONLY



BBB2-11-921
S0000227424V1

External Markings - Main Landing Gear Wheelwell Figure 1/11-19-01-990-801 (Sheet 2 of 4)

EFFECTIVITY

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

TP-80MM-WJE

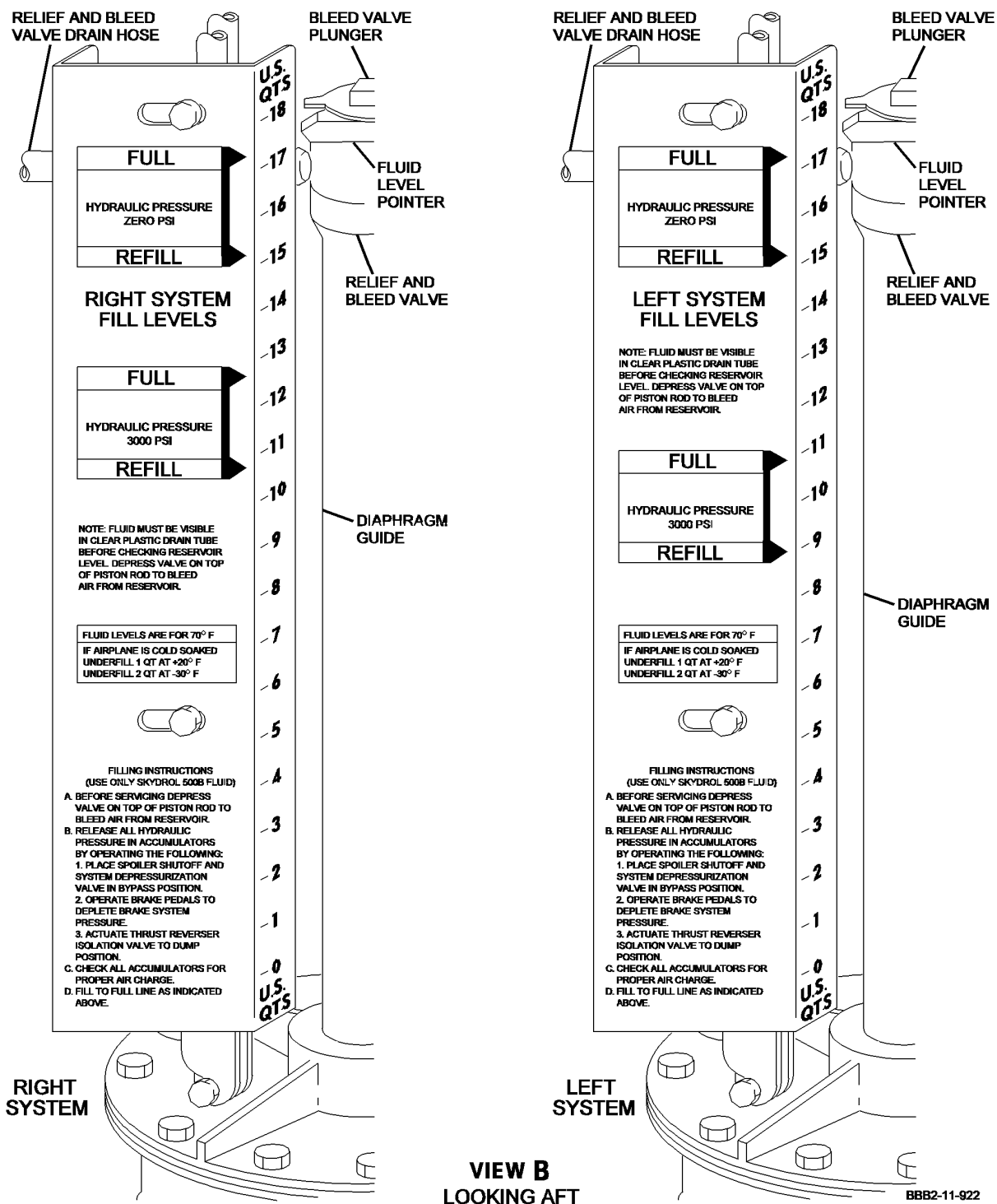
BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details

For Instructional Use Only

11-19-01

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Feb 01/2016

MD-80 AIRCRAFT MAINTENANCE MANUAL



BBB2-11-922
S0000227436V1

External Markings - Main Landing Gear Wheelwell
Figure 1/11-19-01-990-801 (Sheet 3 of 4)

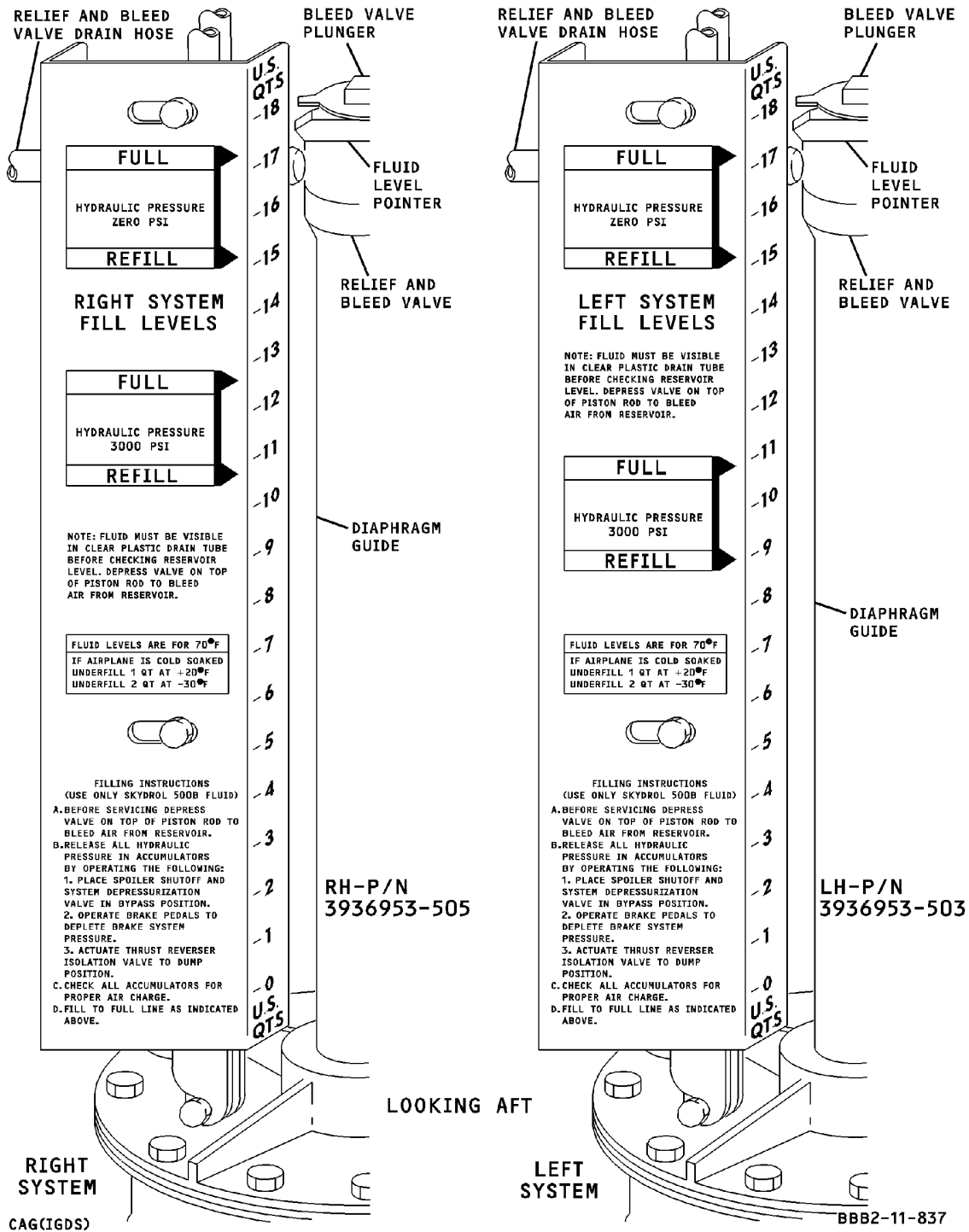
EFFECTIVITY

WJE 401-411, 415, 417-419, 421, 423, 863-866, 869, 871, 872, 880, 881, 883, 884, 886, 887, 892, 893

TP-80MM-WJE

11-19-01

MD-80 AIRCRAFT MAINTENANCE MANUAL



WJE
WJE

External Markings - Main Landing Gear Wheelwell
Figure 1/11-19-01-990-801 (Sheet 4 of 4)

EFFECTIVITY
WJE 412, 414

11-19-01

**MD-80
AIRCRAFT MAINTENANCE MANUAL**

WING - FUEL CONTROL PANEL - DESCRIPTION AND OPERATION

1. Wing -Fuel Control Panel (Right Wing) -External Markings

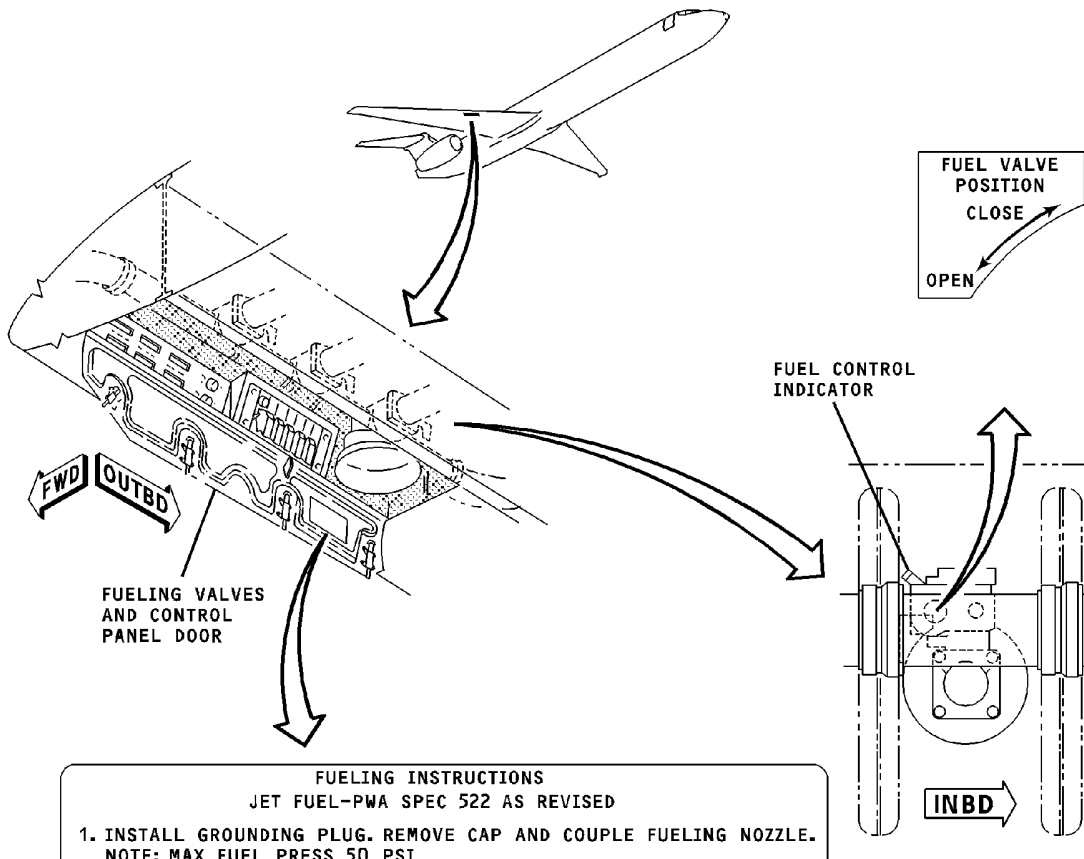
EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-21-01

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MD-80 AIRCRAFT MAINTENANCE MANUAL



- FUELING INSTRUCTIONS**
JET FUEL-PWA SPEC 522 AS REVISED
1. INSTALL GROUNDING PLUG. REMOVE CAP AND COUPLE FUELING NOZZLE.
NOTE: MAX FUEL PRESS 50 PSI
 2. PLACE POWER SWITCH ON. VERIFY POWER INDICATOR LIGHT IS ON.
 3. ROTATE TEST SWITCH TO DIGIT TEST. ALL DIGITS SHALL READ 8.
 4. ROTATE TEST SWITCH TO SYSTEM TEST.
ALL FUEL QTY DISPLAYS SHALL READ 3000 LBS (1500 KGS).
 5. ROTATE REFUEL SWITCH TO AUTO.
 - ▲ 6. PULL OUT AND ROTATE FUEL SET KNOBS TO SELECT DESIRED FUEL LOAD. PUSH KNOBS IN TO ACTIVATE SYSTEM.
 7. MOVE VALVE CONTROL SWITCHES TO AUTO FILL.
 8. SLOWLY OPEN NOZZLE FILL VALVE.
 9. VERIFY FLOW STOPS AT PRESELECTED FUEL LOADS.
 10. CLOSE NOZZLE VALVE, UNCOUPLE NOZZLE.
INSTALL CAP AND DISCONNECT GROUNDING PLUG.
 11. AFTER FILLING, ALL SWITCHES AND VALVES MUST BE IN THE OFF OR CLOSED POSITION PRIOR TO CLOSING DOOR.
- ◀ SEE MAINTENANCE MANUAL FOR MANUAL FILLING ▶

FUELING INSTRUCTION PLACARD

NOTE:

- ▲ MARKING REQUIRED BY GOVERNMENT REGULATIONS.

CAG(IGDS)

BBB2-11-27D

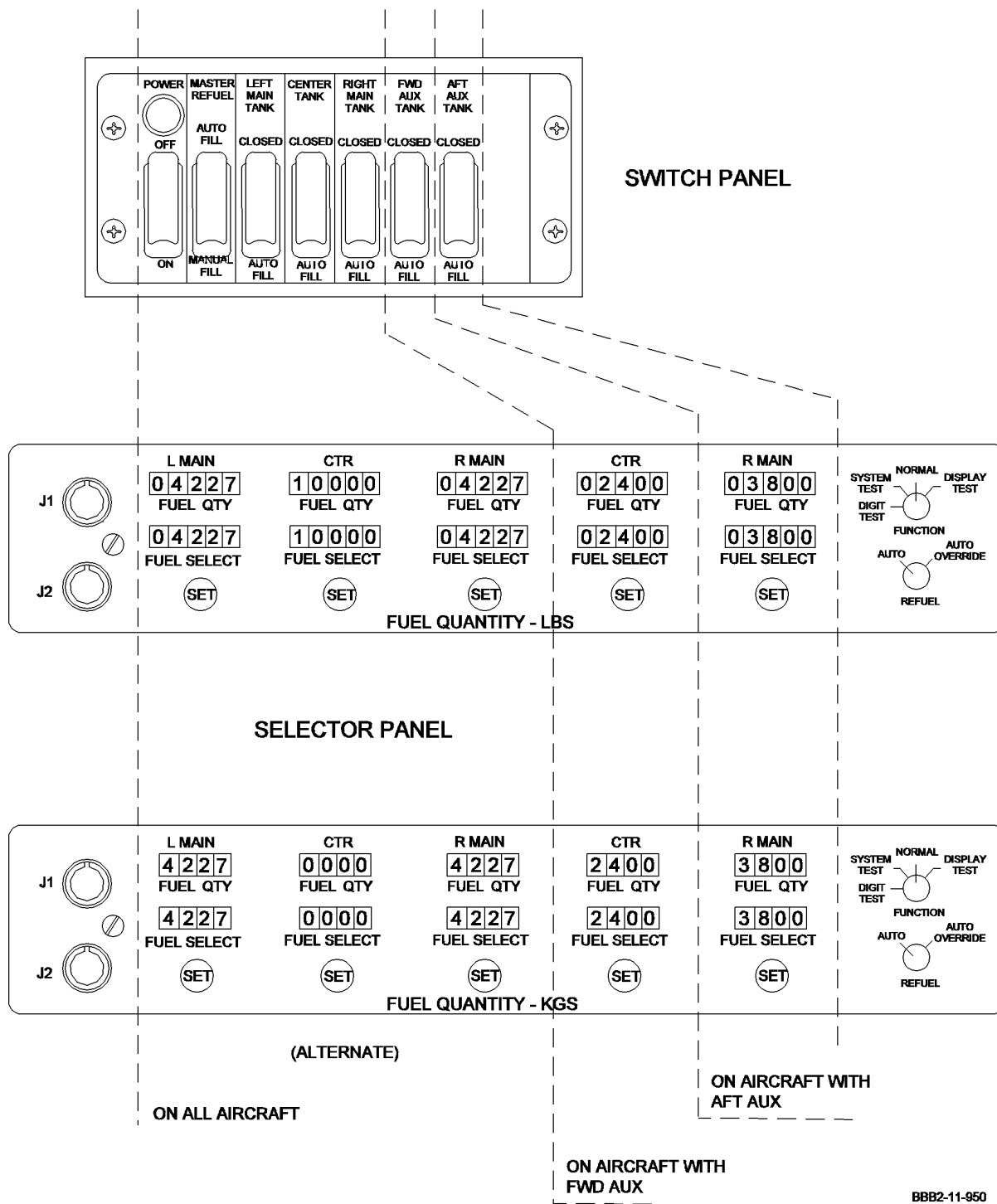
External Markings - Fuel Control Panel (Right Wing)
Figure 1/11-21-01-990-801 (Sheet 1 of 3)

EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-21-01

MD-80 AIRCRAFT MAINTENANCE MANUAL



BBB2-11-950
S0000375487V1

External Markings - Fuel Control Panel (Right Wing)
Figure 1/11-21-01-990-801 (Sheet 2 of 3)

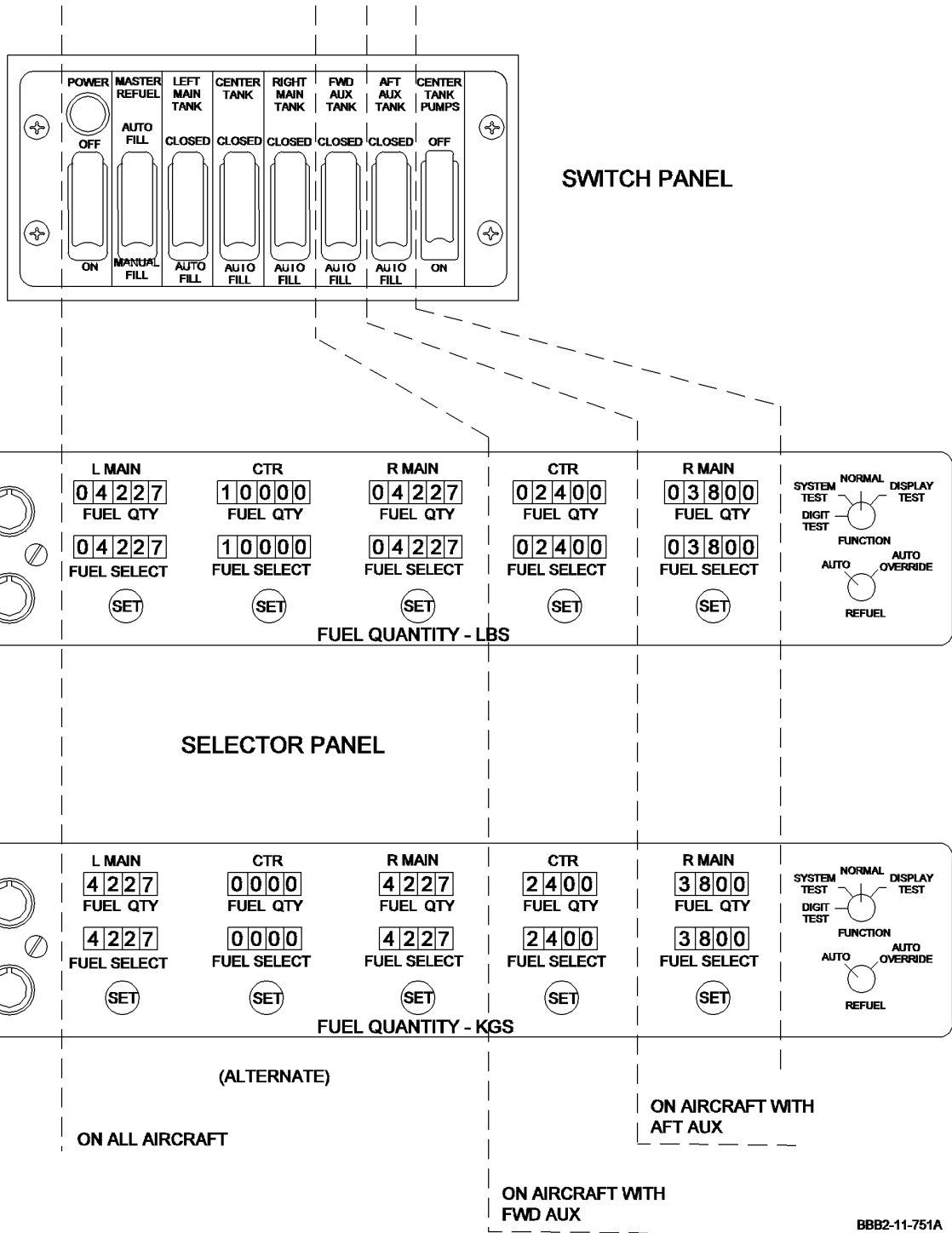
EFFECTIVITY

WJE 415, 422, 425, 427, 863-866, 868, 873, 892, 893;
WJE 401-409, 412, 414, 416, 418, 420, 421, 423, 424,
426, 429, 861, 862, 869, 874, 880, 881, 883, 884, 886,
887, 891 PRE MD80-28-061

TP-80MM-WJE

11-21-01

MD-80 AIRCRAFT MAINTENANCE MANUAL



BBB2-11-751A
S0006523363V2

External Markings - Fuel Control Panel (Right Wing)
Figure 1/11-21-01-990-801 (Sheet 3 of 3)

EFFECTIVITY
WJE 410, 411, 417, 419, 871, 872, 875-879; WJE 401-409, 412, 414, 416, 418, 420, 421, 423, 424, 426, 429, 861, 862, 869, 874, 880, 881, 883, 884, 886, 887, 891 POST MD80-28-061

TP-80MM-WJE

11-21-01

**MD-80
AIRCRAFT MAINTENANCE MANUAL**

WING - LEFT (LOWER SURFACE) - DESCRIPTION AND OPERATION

1. Wing - Left (Lower Surface) - External Markings

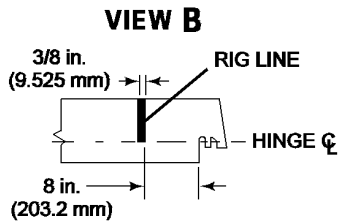
EFFECTIVITY
WJE ALL

TP-80MM-WJE

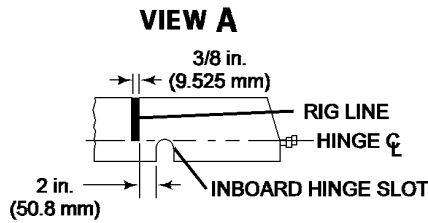
11-21-02

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MD-80 AIRCRAFT MAINTENANCE MANUAL



(AILERON TRIM TAB)



(AILERON CONTROL TAB)

RIG LINE IS A CONTRASTING COLORED STRIPE PERPENDICULAR TO TAB HINGE LINE AND EXTENDS FROM AFT EDGE TO HINGE CL.

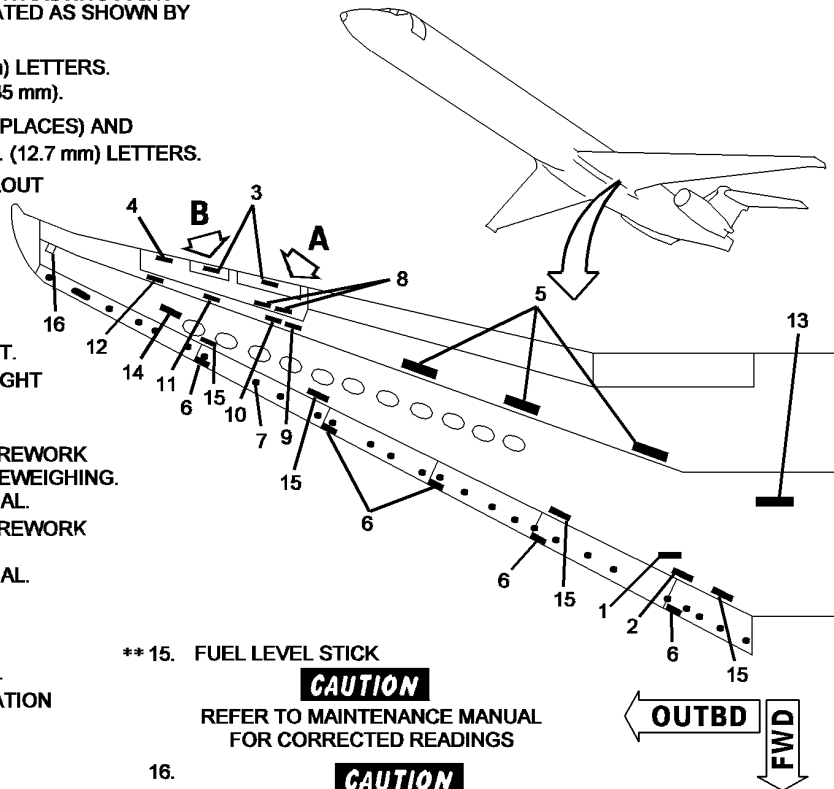
NOTES:

1. STENCILS ARE 1/2 in. (12.7 mm) LETTERS UNLESS OTHERWISE NOTED.
2. STENCILS NOTED * ARE 1/4 in. (6.35 mm) LETTERS.
3. ALL MARKINGS ARE MADE WITH CONTRASTING PAINT OR INK COLORS AND ARE LOCATED AS SHOWN BY THE SYMBOLS ■ OR ●.
- ** 4. **CAUTION** IS 1/2 in. (12.7 mm) LETTERS. OTHER LETTERS ARE 1/4 in. (6.35 mm).
5. **CAUTION, DO NOT (TWO PLACES) AND REPLACEMENT** ARE 1/2 in. (12.7 mm) LETTERS.

ALL OTHER LETTERS IN THIS CALLOUT ARE 1/4 in. (6.35 mm).

LEGEND:

1. JACK POINT AND MOORING POINT.
 2. MAXIMUM AIRCRAFT GROSS WEIGHT 124,000 lbs FOR JACKING, SEE MAINTENANCE MANUAL.
 3. BALANCED SURFACE. PAINT OR REWORK REQUIRES REBALANCING AND REWEIGHING. SEE STRUCTURAL REPAIR MANUAL.
 4. BALANCED SURFACE. PAINT OR REWORK REQUIRES REBALANCING. SEE STRUCTURAL REPAIR MANUAL.
 5. SPOILER ACTUATOR
- CAUTION**
EXTEND FLAP BEFORE OPENING.
6. FLEXIBLE CONNECTOR INSTALLATION DE-ICING DUCT (5 PLCS)
 7. SLAT MECHANISM LUBRICATION ACCESS (28 PLCS LEFT SIDE)
 8. AILERON DAMPER
 9. AILERON HINGE No. 1 & CONTROL QUADRANT
 10. AILERON HINGE No. 2
 11. AILERON HINGE No. 3 & TRIM TAB MECHANISM
 12. AILERON HINGE No. 4
 - * 13. FUEL SUMP DRAIN MAIN TANK
 - * 14. VENT FOR RH MAIN TANK



** 15. FUEL LEVEL STICK

CAUTION

REFER TO MAINTENANCE MANUAL FOR CORRECTED READINGS

16.

CAUTION

FLUX VALVE - HIGHLY SUSCEPTIBLE TO MAGNETIC INTERFERENCE.

1. DO NOT USE EQUIPMENT OR TOOLS CONTAINING MAGNETIC MATERIALS WITHIN A 5 ft. RADIUS WHILE TESTING FLUX VALVE.
2. DO NOT TEST FLUX VALVE USING DC-METER.
3. REPLACEMENT OF ANY HARDWARE WITHIN A 5.ft. RADIUS MUST BE PER AIRCRAFT MAINTENANCE MANUAL.

BBB2-11-22K
S0006523371V5

External Markings - Left Wing (Lower Surface)
Figure 1/11-21-02-990-801

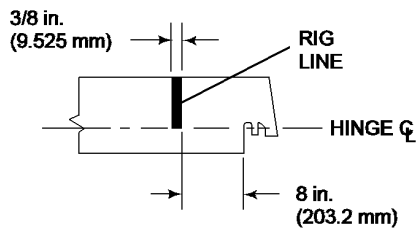
EFFECTIVITY

WJE 405-411, 415, 416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873, 874, 880, 881, 883, 884, 886, 887, 891-893

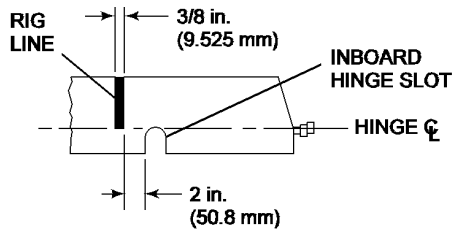
TP-80MM-WJE

11-21-02

MD-80 AIRCRAFT MAINTENANCE MANUAL



**AILERON TRIM TAB
VIEW B**

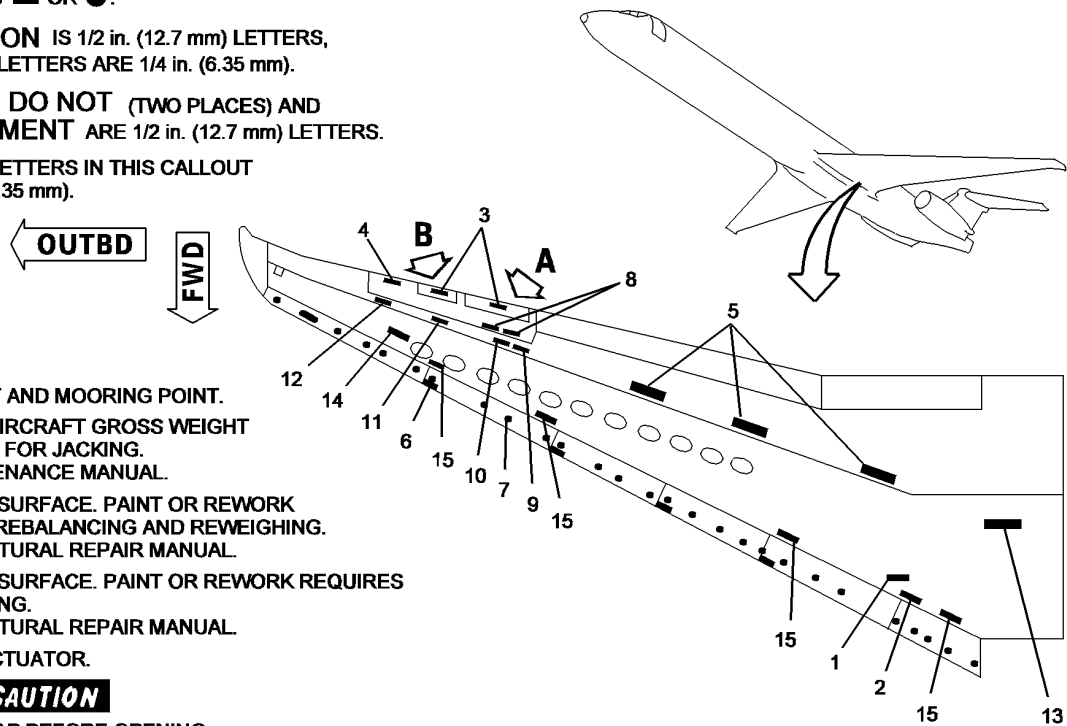


**AILERON CONTROL TAB
VIEW A**

RIG LINE IS A CONTRASTING COLORED STRIPE PERPENDICULAR TO TAB HINGE LINE AND EXTENDS FROM AFT EDGE TO HINGE C.

NOTES:

1. STENCILS ARE 1/2 in. (12.7 mm) LETTERS UNLESS OTHERWISE NOTED.
2. STENCILS NOTED * ARE 1/4 in. (6.35 mm) LETTERS.
3. ALL MARKINGS ARE MADE WITH CONTRASTING PAINT OR INK COLORS AND ARE LOCATED AS SHOWN BY THE SYMBOLS ■ OR ●.
4. ** **CAUTION** IS 1/2 in. (12.7 mm) LETTERS, OTHER LETTERS ARE 1/4 in. (6.35 mm).
5. **CAUTION, DO NOT** (TWO PLACES) AND **REPLACEMENT** ARE 1/2 in. (12.7 mm) LETTERS. ALL OTHER LETTERS IN THIS CALLOUT ARE 1/4 in. (6.35 mm).



LEGEND:

1. JACK POINT AND MOORING POINT.
2. MAXIMUM AIRCRAFT GROSS WEIGHT 124,000 LBS FOR JACKING. SEE MAINTENANCE MANUAL.
3. BALANCED SURFACE. PAINT OR REWORK REQUIRES REBALANCING AND REWEIGHING. SEE STRUCTURAL REPAIR MANUAL.
4. BALANCED SURFACE. PAINT OR REWORK REQUIRES REBALANCING. SEE STRUCTURAL REPAIR MANUAL.
5. SPOILER ACTUATOR.
6. FLEXIBLE CONNECTOR INSTALLATION DE-ICING DUCT (4 PLACES).
7. SLAT MECHANISM LUBRICATION ACCESS (28 PLACES LEFT SIDE).
8. AILERON DAMPER.
9. AILERON HINGE No. 1 AND CONTROL QUADRANT
10. AILERON HINGE No. 2.
11. AILERON HINGE No. 3 AND TRIM TAB MECHANISM.

12. AILERON HINGE No. 4.
- * 13. FUEL SUMP DRAIN MAIN TANK.
- * 14. VENT FOR RH MAIN TANK.
- ** 15. FUEL LEVEL STICK.

CAUTION

EXTEND FLAP BEFORE OPENING.

CAUTION

REFER TO MAINTENANCE MANUAL FOR CORRECTED READINGS.

BBB2-11-917B
S0000222073V4

**External Markings - Left Wing (Lower Surface) (For Aircraft With No Flux Valves)
Figure 2/11-21-02-990-802 (Sheet 2 of 2)**

EFFECTIVITY

WJE 401-404, 417, 419, 421, 423, 865, 869, 871, 872, 875-879

**MD-80
AIRCRAFT MAINTENANCE MANUAL**

WING - LEFT (UPPER SURFACE) - DESCRIPTION AND OPERATION

1. Wing - Left (Upper Surface) - External Markings

EFFECTIVITY
WJE ALL

TP-80MM-WJE

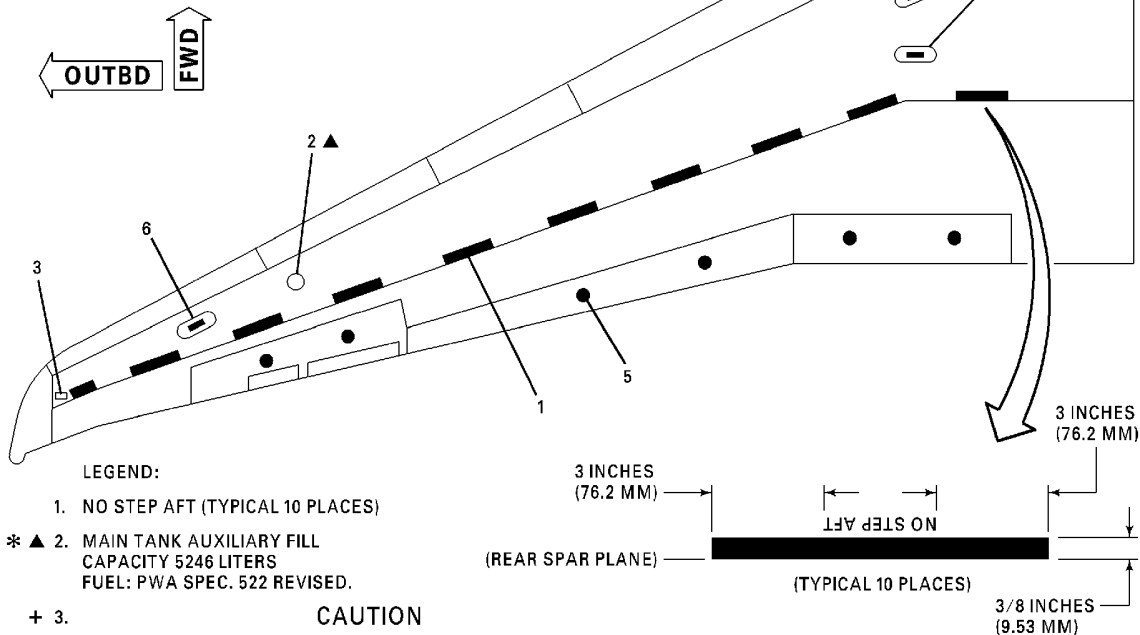
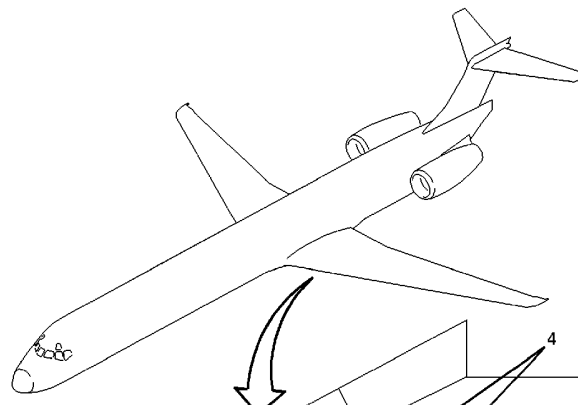
11-21-03

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MD-80 AIRCRAFT MAINTENANCE MANUAL

NOTES:

1. UNLESS OTHERWISE NOTED, ALL STENCILS ARE 1/2 INCH (12.70 MM) LETTERS. ALL MARKINGS ARE MADE WITH CONTRASTING PAINT OR INK COLORS AND ARE FUEL-RESISTANT, LOCATED AS SHOWN BY THE SYMBOL
 - ▲ 2. MARKINGS REQUIRED BY GOVERNMENT REGULATIONS
 3. STENCILS NOTED * ARE 1/4 INCH (6.35 MM) LETTERS.
 - + 4. CAUTION, DO NOT (TWO PLACES) AND REPLACEMENT ARE 1/2 INCH (12.70 MM) LETTERS.
- ALL OTHER LETTERS IN THIS CALLOUT ARE 1/4 INCH (6.35 MM).
STRIPES ARE NOT TO BE MAINTAINED. REMOVAL IS NOT REQUIRED.



LEGEND:

1. NO STEP AFT (TYPICAL 10 PLACES)
- * ▲ 2. MAIN TANK AUXILIARY FILL CAPACITY 5246 LITERS
FUEL: PWA SPEC. 522 REVISED.

+ 3. **CAUTION**

FLUX VALVE - HIGHLY SUSCEPTIBLE TO MAGNETIC INTERFERENCE.

1. **DO NOT** USE EQUIPMENT OR TOOLS CONTAINING MAGNETIC MATERIALS WITHIN A 5 FT. RADIUS WHILE TESTING FLUX VALVE.
2. **DO NOT** TEST FLUX VALVE USING DC-METER.
3. **REPLACEMENT** OF ANY HARDWARE WITHIN A 5 FT. RADIUS MUST BE PER AIRCRAFT MAINTENANCE MANUAL.

4. BOOST PUMP
5. HOIST (TYPICAL 6 PLACES)
6. FUEL VENT VALVE

CAG(IGDS)

BBB2-11-438B

**External Markings - Left Wing (Upper Surface)
Figure 1/11-21-03-990-801 (Sheet 1 of 2)**

EFFECTIVITY

WJE 405-411, 415, 416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873, 874, 880, 881, 883, 884, 891-893

TP-80MM-WJE

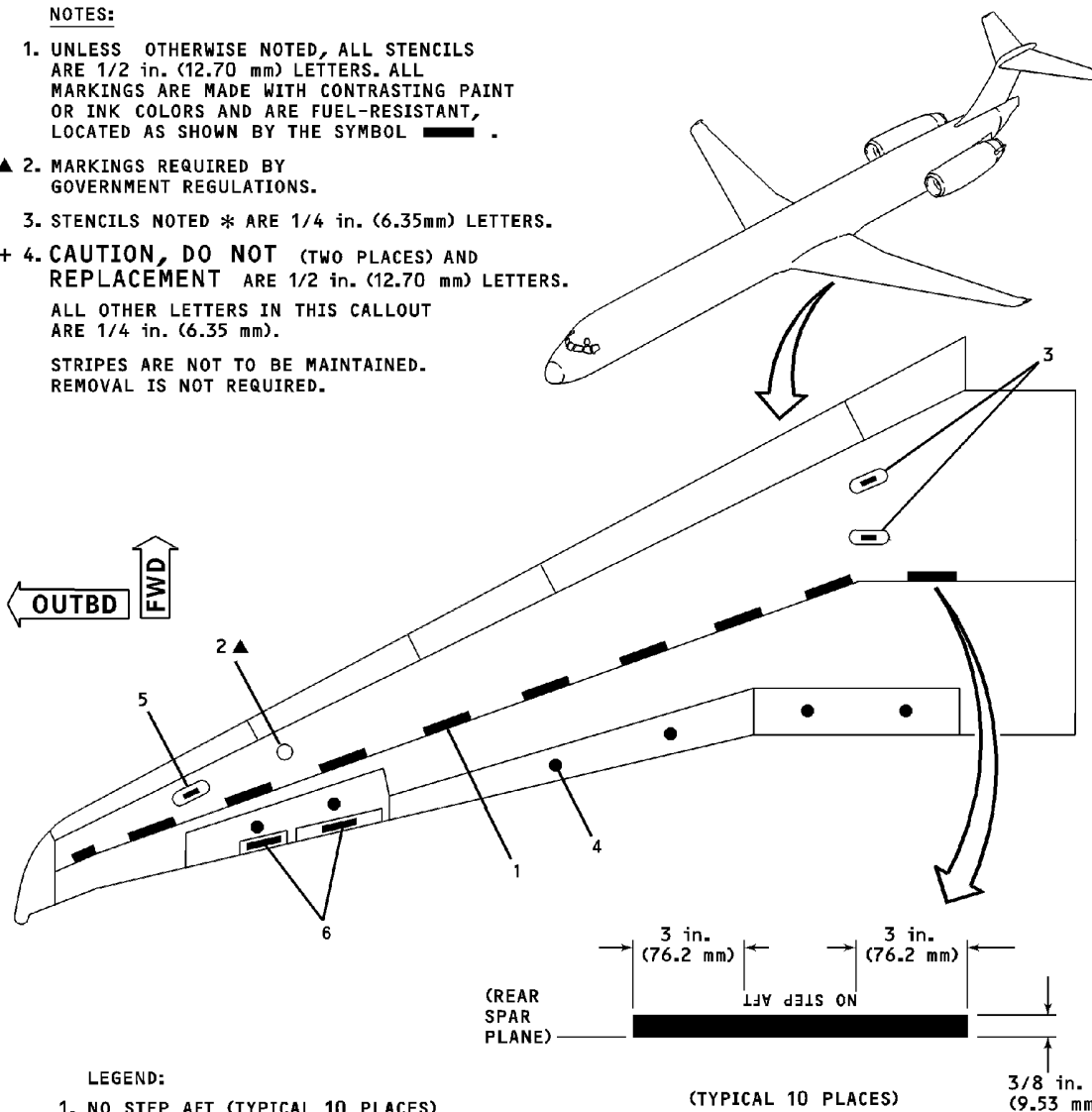
11-21-03

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MD-80 AIRCRAFT MAINTENANCE MANUAL

NOTES:

1. UNLESS OTHERWISE NOTED, ALL STENCILS ARE 1/2 in. (12.70 mm) LETTERS. ALL MARKINGS ARE MADE WITH CONTRASTING PAINT OR INK COLORS AND ARE FUEL-RESISTANT, LOCATED AS SHOWN BY THE SYMBOL .
- ▲ 2. MARKINGS REQUIRED BY GOVERNMENT REGULATIONS.
3. STENCILS NOTED * ARE 1/4 in. (6.35mm) LETTERS.
- + 4. **CAUTION, DO NOT** (TWO PLACES) AND **REPLACEMENT** ARE 1/2 in. (12.70 mm) LETTERS. ALL OTHER LETTERS IN THIS CALLOUT ARE 1/4 in. (6.35 mm). STRIPES ARE NOT TO BE MAINTAINED. REMOVAL IS NOT REQUIRED.



LEGEND:

1. NO STEP AFT (TYPICAL 10 PLACES)
- * ▲ 2. MAIN TANK AUXILIARY FILL CAPACITY 1386 U.S. GALLONS FUEL: PWA SPEC. 522 REVISED.
3. BOOST PUMP
4. HOIST (TYPICAL 6 PLACES)
5. FUEL VENT VALVE
6. BALANCED SURFACE, PAINT OR REWORK REQUIRES REBALANCING AND REWEIGHING. SEE STRUCTURAL REPAIR MANUAL.

CAG(IGDS)

BBB2-11-804

**External Markings - Left Wing (Upper Surface)
Figure 1/11-21-03-990-801 (Sheet 2 of 2)**

EFFECTIVITY
WJE 401-404

TP-80MM-WJE

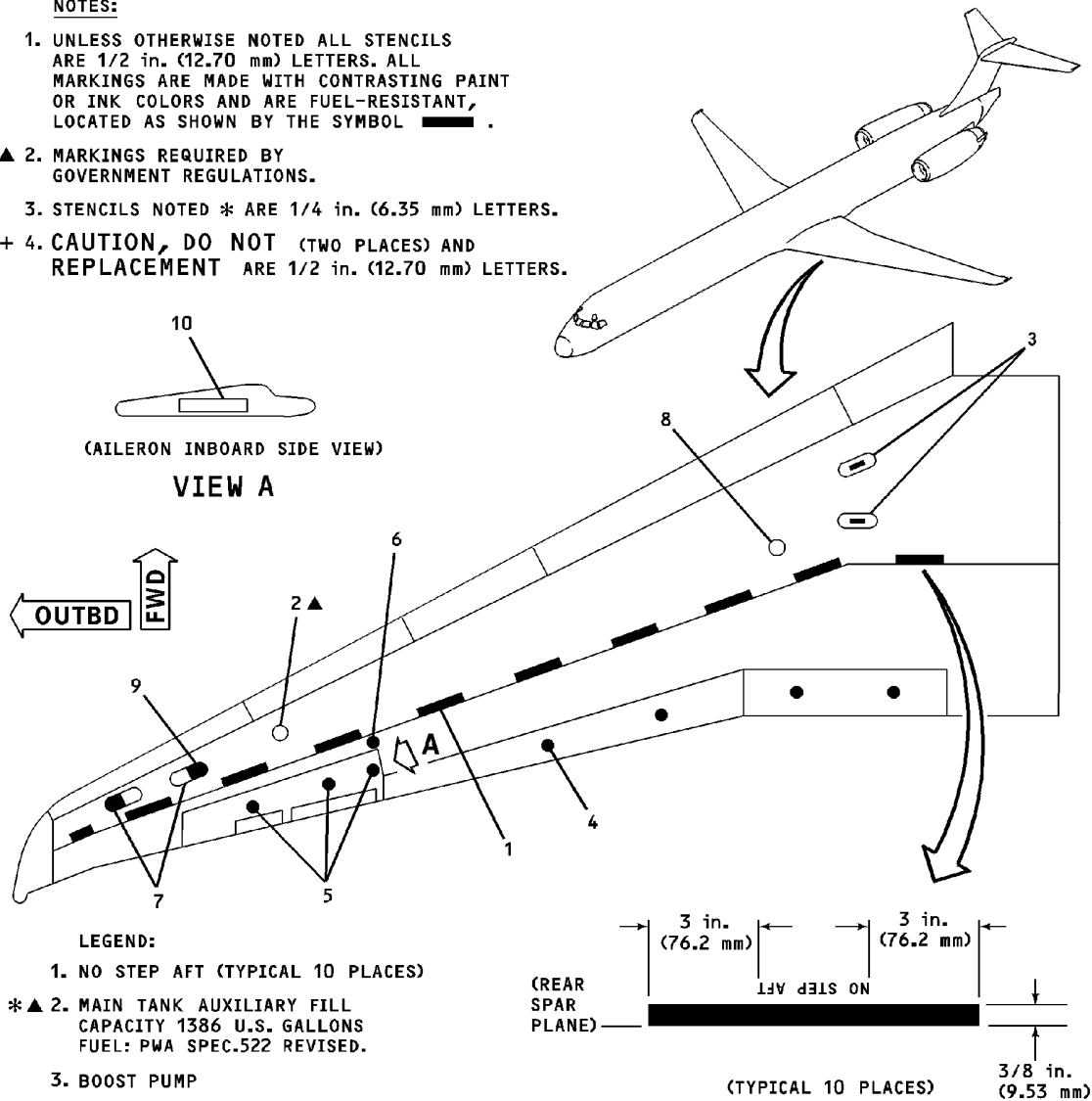
11-21-03

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MD-80 AIRCRAFT MAINTENANCE MANUAL

NOTES:

1. UNLESS OTHERWISE NOTED ALL STENCILS ARE 1/2 in. (12.70 mm) LETTERS. ALL MARKINGS ARE MADE WITH CONTRASTING PAINT OR INK COLORS AND ARE FUEL-RESISTANT, LOCATED AS SHOWN BY THE SYMBOL .
- ▲ 2. MARKINGS REQUIRED BY GOVERNMENT REGULATIONS.
3. STENCILS NOTED * ARE 1/4 in. (6.35 mm) LETTERS.
- + 4. CAUTION, DO NOT (TWO PLACES) AND REPLACEMENT ARE 1/2 in. (12.70 mm) LETTERS.



CAG(IGDS)

BBB2-11-802

**External Markings - Left Wing (Upper Surface) (On Aircraft Without Flux Valve)
Figure 2/11-21-03-990-802 (Sheet 1 of 3)**

EFFECTIVITY
WJE 875-879

TP-80MM-WJE

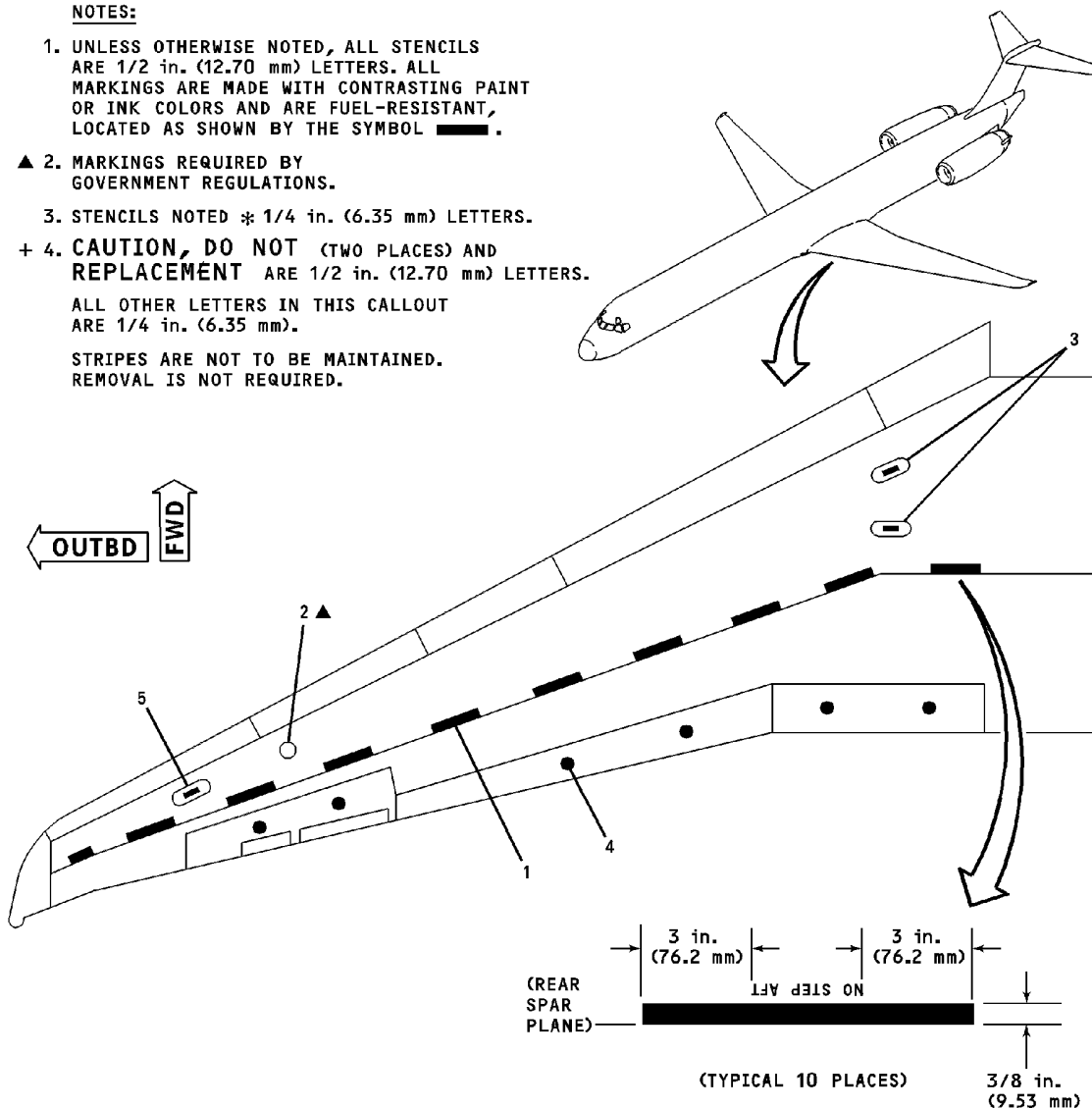
11-21-03

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MD-80 AIRCRAFT MAINTENANCE MANUAL

NOTES:

1. UNLESS OTHERWISE NOTED, ALL STENCILS ARE 1/2 in. (12.70 mm) LETTERS. ALL MARKINGS ARE MADE WITH CONTRASTING PAINT OR INK COLORS AND ARE FUEL-RESISTANT, LOCATED AS SHOWN BY THE SYMBOL **■**.
 - ▲ 2. MARKINGS REQUIRED BY GOVERNMENT REGULATIONS.
 3. STENCILS NOTED * 1/4 in. (6.35 mm) LETTERS.
 - + 4. **CAUTION, DO NOT** (TWO PLACES) AND **REPLACEMENT** ARE 1/2 in. (12.70 mm) LETTERS.
- ALL OTHER LETTERS IN THIS CALLOUT ARE 1/4 in. (6.35 mm).
STRIPES ARE NOT TO BE MAINTAINED. REMOVAL IS NOT REQUIRED.



LEGEND:

1. NO STEP AFT (TYPICAL 10 PLACES)
- * ▲ 2. MAIN TANK AUXILIARY FILL
CAPACITY 5246 LITERS
FUEL PWA SPEC. 522 REVISED.
3. BOOST PUMP
4. HOIST (TYPICAL 6 PLACES)
5. FUEL VENT VALVE

CAG(IGDS)

BBB2-11-803

**External Markings - Left Wing (Upper Surface) (On Aircraft Without Flux Valve)
Figure 2/11-21-03-990-802 (Sheet 2 of 3)**


EFFECTIVITY

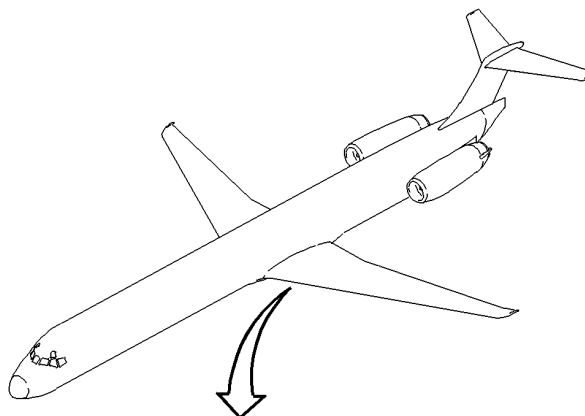
WJE 417, 419, 421, 423, 865, 869, 871, 872

11-21-03

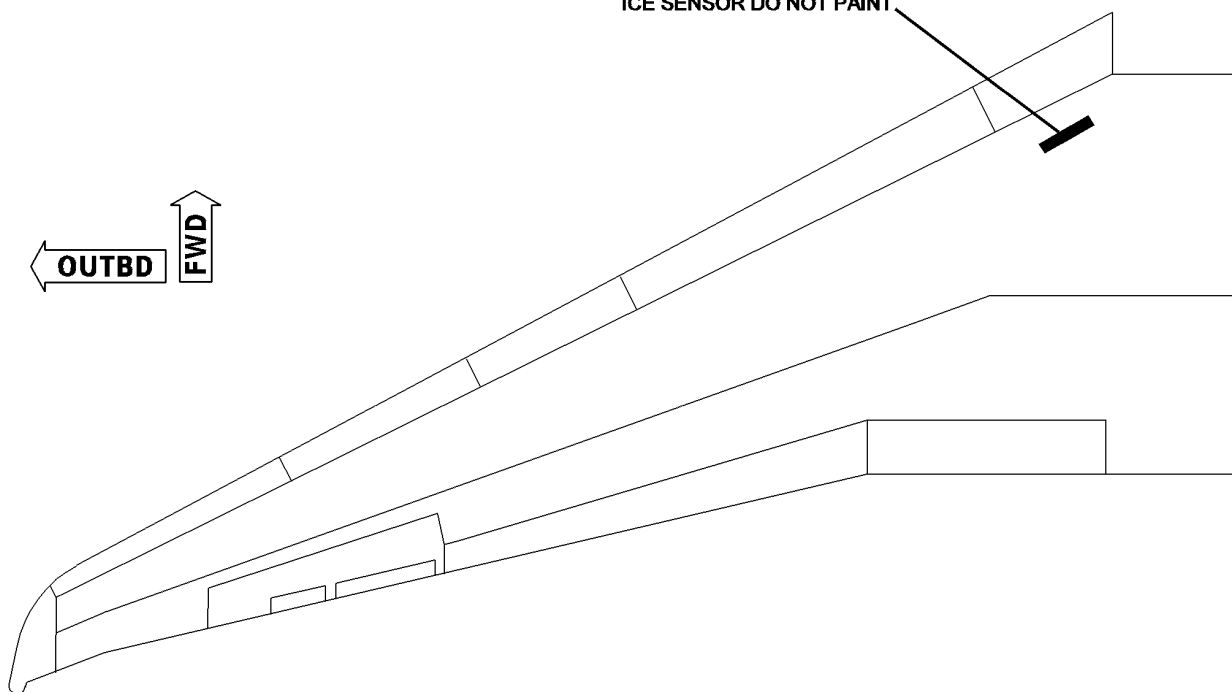
TP-80MM-WJE

MD-80 AIRCRAFT MAINTENANCE MANUAL

NOTE:
UNLESS OTHERWISE NOTED, ALL STENCILS
ARE 1/2 in. (12.70 mm) LETTERS. ALL
MARKINGS ARE MADE WITH CONTRASTING PAINT
OR INK COLORS AND ARE FUEL-RESISTANT,
LOCATED AS SHOWN BY THE SYMBOL .



ICE SENSOR DO NOT PAINT



BBB2-11-924
S0000239153V1

Ice Sensor Marking - Left Wing (Upper Surface)
Figure 3/11-21-03-990-803

EFFECTIVITY
WJE 405-411, 884

TP-80MM-WJE

11-21-03

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

WING - RIGHT (LOWER SURFACE) - DESCRIPTION AND OPERATION

1. Wing - Right (Lower Surface) - External Markings

EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-21-04

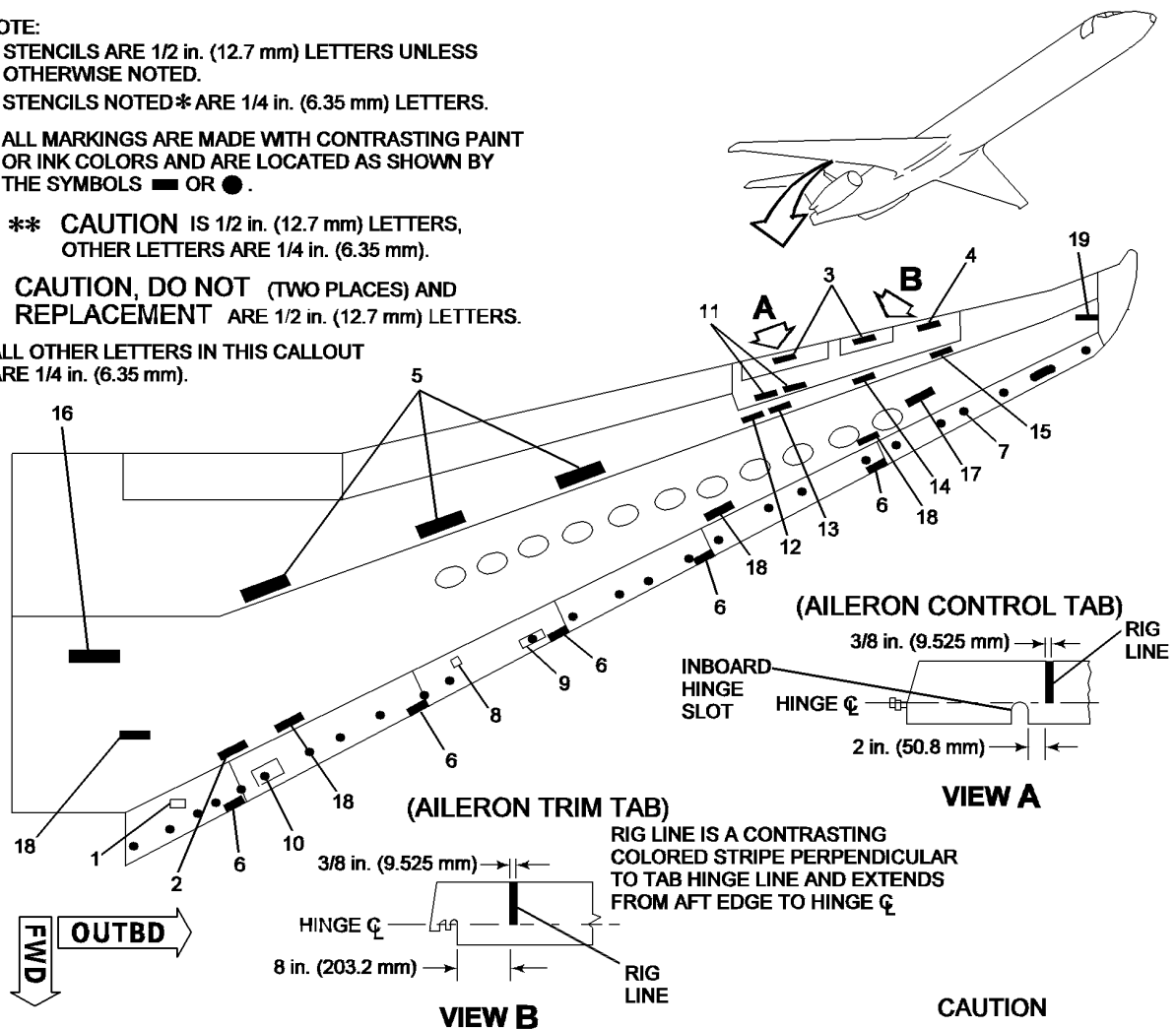
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MD-80 AIRCRAFT MAINTENANCE MANUAL

NOTE:

1. STENCILS ARE 1/2 in. (12.7 mm) LETTERS UNLESS OTHERWISE NOTED.
2. STENCILS NOTED* ARE 1/4 in. (6.35 mm) LETTERS.
3. ALL MARKINGS ARE MADE WITH CONTRASTING PAINT OR INK COLORS AND ARE LOCATED AS SHOWN BY THE SYMBOLS ■ OR ●.
4. ** CAUTION IS 1/2 in. (12.7 mm) LETTERS, OTHER LETTERS ARE 1/4 in. (6.35 mm).
5. CAUTION, DO NOT (TWO PLACES) AND REPLACEMENT ARE 1/2 in. (12.7 mm) LETTERS.

ALL OTHER LETTERS IN THIS CALLOUT ARE 1/4 in. (6.35 mm).



LEGEND:

- | | |
|--|--|
| <ol style="list-style-type: none"> 1. JACK POINT AND MOORING POINT. 2. MAXIMUM AIRCRAFT GROSS WEIGHT 124,000 LBS FOR JACKING, SEE MAINTENANCE MANUAL. 3. BALANCED SURFACE. PAINT OR REWORK REQUIRES REBALANCING AND REWEIGHING SEE STRUCTURAL REPAIR MANUAL. 4. BALANCED SURFACE. PAINT OR REWORK REQUIRES REBALANCING. SEE STRUCTURAL REPAIR MANUAL. 5. SPOILER ACTUATOR | <ol style="list-style-type: none"> 8. DEFUEL VALVE ACCESS 9. FUELING ADAPTER, VALVES AND CONTROL PANEL 10. FUEL CROSS FEED CONTROL 11. AILERON DAMPER 12. AILERON HINGE No.1 & CONTROL QUADRANT 13. AILERON HINGE No.2 14. AILERON HINGE No.3 & TRIM TAB MECHANISM 15. AILERON HINGE No.4 *16. FUEL SUMP DRAIN - MAIN TANK *17. VENT FOR LH MAIN AND CW MAIN TANKS **18. FUEL LEVEL STICK |
|--|--|

CAUTION

- EXTEND FLAP BEFORE OPENING.
6. FLEXIBLE CONNECTOR INSTALLATION DE-ICING DUCT (5 PLCS).
7. SLAT MECHANISM LUBRICATION ACCESS (27 PLCS RIGHT SIDE).

CAUTION

REFER TO MAINTENANCE MANUAL FOR CORRECTED READINGS

19. CAUTION

FLUX VALVE - HIGHLY SUSCEPTIBLE TO MAGNETIC INTERFERENCE

1. DO NOT USE EQUIPMENT OR TOOLS CONTAINING MAGNETIC MATERIALS WITHIN A 5 ft. RADIUS WHILE TESTING FLUX VALVE.
2. DO NOT TEST FLUX VALVE USING DC-METER.
3. REPLACEMENT OF ANY HARDWARE WITHIN A 5 ft. RADIUS MUST BE PER AIRCRAFT MAINTENANCE MANUAL.

BBB2-11-26L
S0006523395V5

External Markings - Right Wing (Lower Surface)
Figure 1/11-21-04-990-801 (Sheet 1 of 3)

EFFECTIVITY

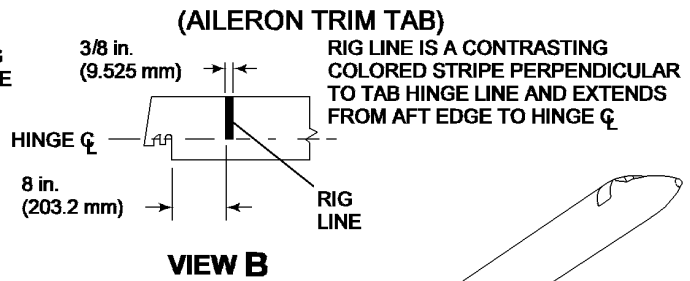
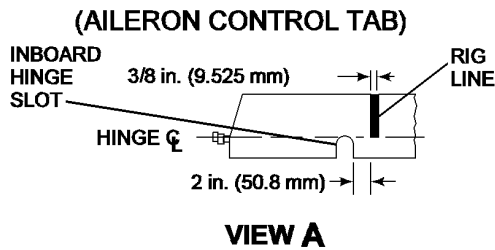
WJE 405-411, 415, 416, 418, 420, 422, 424-427, 429, 861-864, 866, 868, 873, 874, 880, 881, 883, 884, 886, 887, 891-893

TP-80MM-WJE

11-21-04

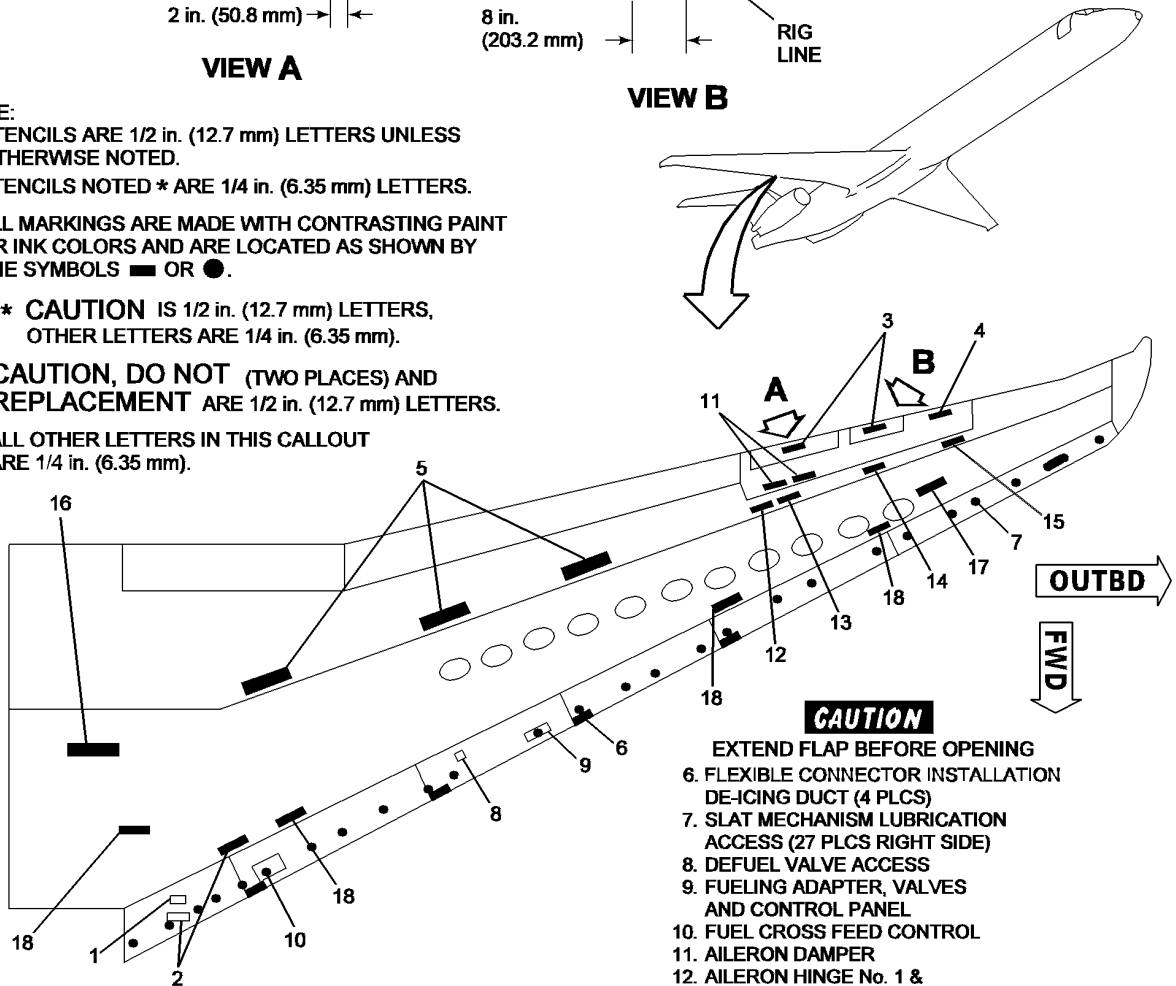
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MD-80 AIRCRAFT MAINTENANCE MANUAL



NOTE:

1. STENCILS ARE 1/2 in. (12.7 mm) LETTERS UNLESS OTHERWISE NOTED.
 2. STENCILS NOTED * ARE 1/4 in. (6.35 mm) LETTERS.
 3. ALL MARKINGS ARE MADE WITH CONTRASTING PAINT OR INK COLORS AND ARE LOCATED AS SHOWN BY THE SYMBOLS ■ OR ●.
 4. ** CAUTION IS 1/2 in. (12.7 mm) LETTERS, OTHER LETTERS ARE 1/4 in. (6.35 mm).
 5. CAUTION, DO NOT (TWO PLACES) AND REPLACEMENT ARE 1/2 in. (12.7 mm) LETTERS.
- ALL OTHER LETTERS IN THIS CALLOUT ARE 1/4 in. (6.35 mm).



CAUTION

EXTEND FLAP BEFORE OPENING

6. FLEXIBLE CONNECTOR INSTALLATION DE-ICING DUCT (4 PLCS)
7. SLAT MECHANISM LUBRICATION ACCESS (27 PLCS RIGHT SIDE)
8. DEFUEL VALVE ACCESS
9. FUELING ADAPTER, VALVES AND CONTROL PANEL
10. FUEL CROSS FEED CONTROL
11. AILERON DAMPER
12. AILERON HINGE No. 1 & CONTROL QUADRANT
13. AILERON HINGE No. 2
14. AILERON HINGE No. 3 & TRIM TAB MECHANISM
15. AILERON HINGE No. 4
- * 16. FUEL SUMP DRAIN - MAIN TANK
- * 17. VENT FOR LH MAIN AND CW MAIN TANKS
- ** 18. FUEL LEVEL STICK

CAUTION

REFER TO MAINTENANCE MANUAL FOR CORRECTED READINGS

BBB2-11-918A
S0000222087V2

LEGEND:

1. JACK POINT AND MOORING POINT
2. MAXIMUM AIRCRAFT GROSS WEIGHT 124,000 LBS FOR JACKING, SEE MAINTENANCE MANUAL.
3. BALANCED SURFACE. PAINT OR REWORK REQUIRES REBALANCING AND REWEIGHING. SEE STRUCTURAL REPAIR MANUAL.
4. BALANCED SURFACE. PAINT OR REWORK REQUIRES REBALANCING. SEE STRUCTURAL REPAIR MANUAL.
5. SPOILER ACTUATOR

External Markings - Right Wing (Lower Surface)
Figure 1/11-21-04-990-801 (Sheet 3 of 3)

EFFECTIVITY

WJE 401-404, 417, 419, 421, 423, 865, 869, 871, 872, 875-879

TP-80MM-WJE

11-21-04

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

WING - RIGHT (UPPER SURFACE) - DESCRIPTION AND OPERATION

1. Wing - Right (Upper Surface) - External Markings

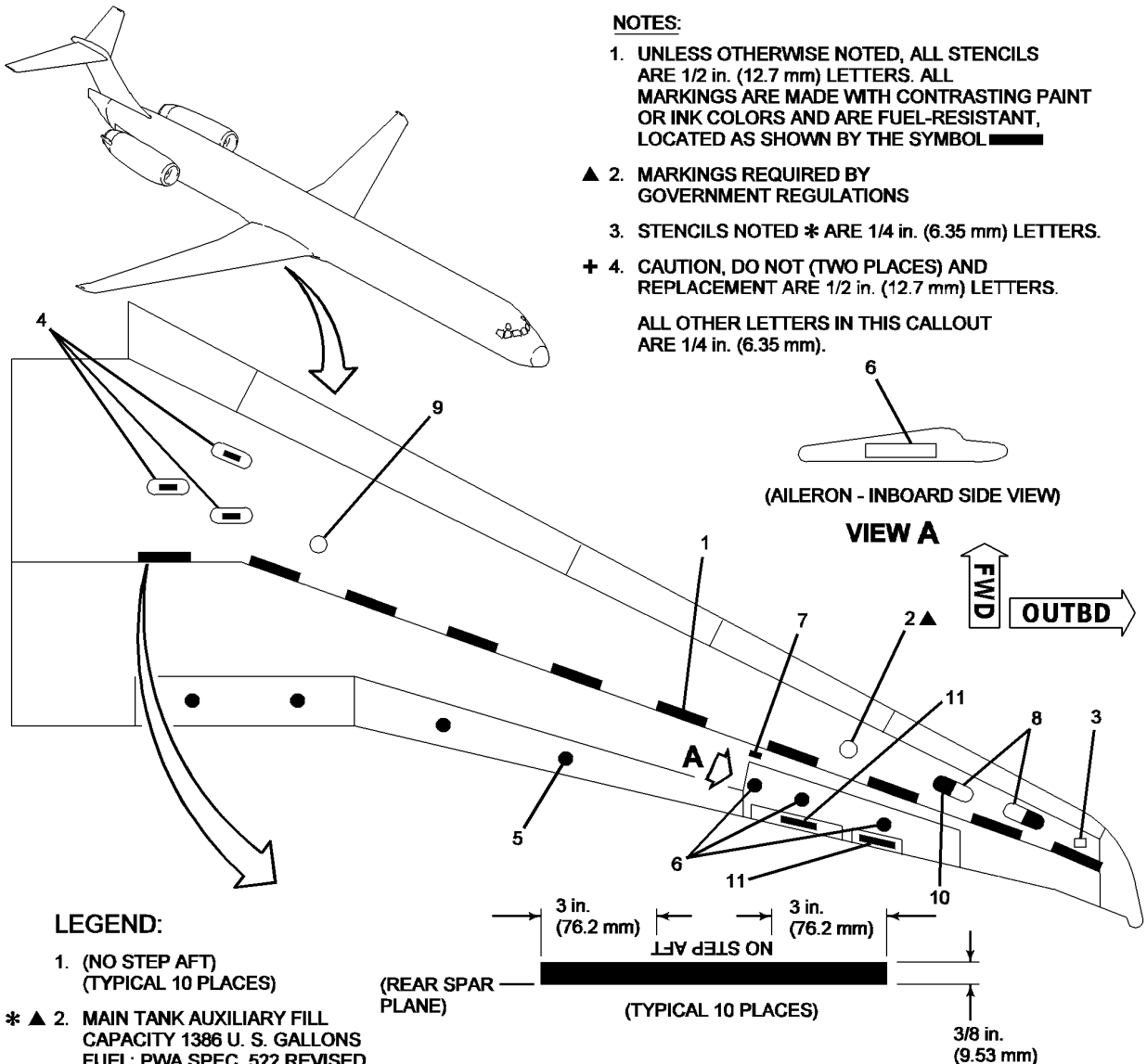
EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-21-05

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MD-80 AIRCRAFT MAINTENANCE MANUAL



NOTES:

1. UNLESS OTHERWISE NOTED, ALL STENCILS ARE 1/2 in. (12.7 mm) LETTERS. ALL MARKINGS ARE MADE WITH CONTRASTING PAINT OR INK COLORS AND ARE FUEL-RESISTANT, LOCATED AS SHOWN BY THE SYMBOL █
 - ▲ 2. MARKINGS REQUIRED BY GOVERNMENT REGULATIONS
 3. STENCILS NOTED * ARE 1/4 in. (6.35 mm) LETTERS.
 - + 4. CAUTION, DO NOT (TWO PLACES) AND REPLACEMENT ARE 1/2 in. (12.7 mm) LETTERS.
- ALL OTHER LETTERS IN THIS CALLOUT ARE 1/4 in. (6.35 mm).

LEGEND:

- | | |
|---|---|
| <p>1. (NO STEP AFT)
(TYPICAL 10 PLACES)</p> <p>* ▲ 2. MAIN TANK AUXILIARY FILL
CAPACITY 1386 U. S. GALLONS
FUEL: PWA SPEC. 522 REVISED.</p> <p>+ 3. CAUTION
FLUX VALVE - HIGHLY SUSCEPTIBLE TO MAGNETIC INTERFERENCE.</p> <p>1. DO NOT USE EQUIPMENT OR TOOLS CONTAINING MAGNETIC MATERIALS WITHIN A 5 ft. RADIUS WHILE TESTING FLUX VALVE.</p> <p>2. DO NOT TEST FLUX VALVE USING DC-METER.</p> <p>3. REPLACEMENT OF ANY HARDWARE WITHIN A 5 ft. RADIUS MUST BE PER AIRCRAFT MAINTENANCE MANUAL.</p> <p>4. BOOST PUMP</p> <p>5. HOIST (TYPICAL 6 PLACES)</p> | <p>6. BEARING ACCESS - AILERON MECHANISM</p> <p>7. AILERON MECHANISM ACCESS</p> <p>8. CONTROLS ACCESS</p> <p>9. RING MARKING - DITCHING LINE SUPPORT</p> <p>10. FUEL VENT VALVE</p> <p>11. BALANCED SURFACE, PAINT OR REWORK REQUIRES REBALANCING AND REWEIGHING. SEE STRUCTURAL REPAIR MANUAL.</p> |
|---|---|

BBB2-11-25H
S0006523403V2

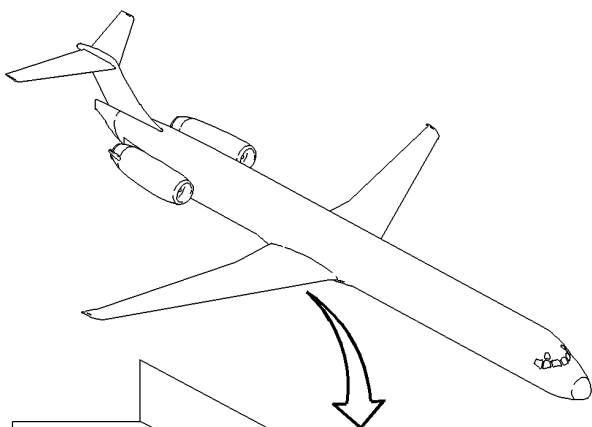
External Markings - Right Wing (Upper Surface)
Figure 1/11-21-05-990-801 (Sheet 1 of 5)

EFFECTIVITY
WJE 873, 874, 886, 887, 892, 893

TP-80MM-WJE

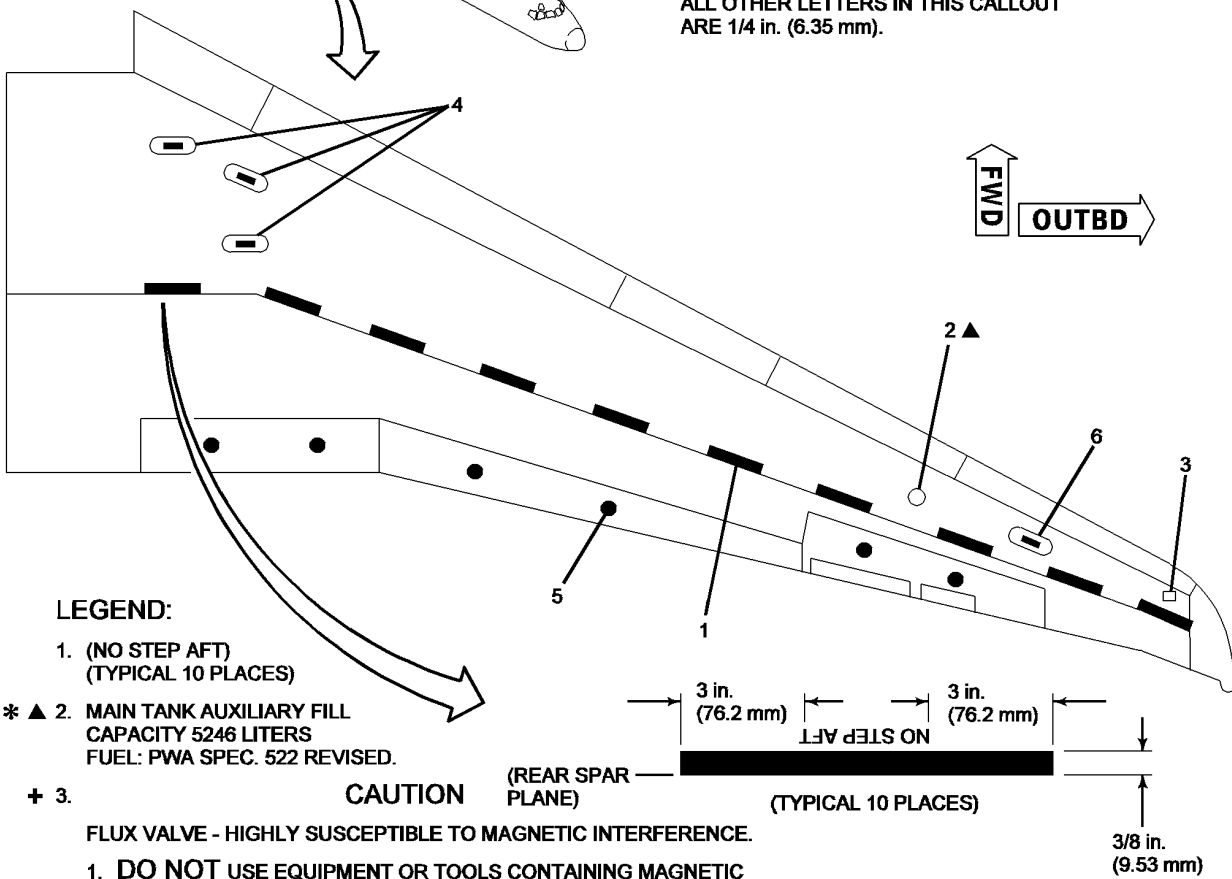
11-21-05

MD-80 AIRCRAFT MAINTENANCE MANUAL



NOTES:

1. UNLESS OTHERWISE NOTED, ALL STENCILS ARE 1/2 in. (12.7 mm) LETTERS. ALL MARKINGS ARE MADE WITH CONTRASTING PAINT OR INK COLORS AND ARE FUEL-RESISTANT, LOCATED AS SHOWN BY THE SYMBOL █
 - ▲ 2. MARKINGS REQUIRED BY GOVERNMENT REGULATIONS
 3. STENCILS NOTED * ARE 1/4 in. (6.35 mm) LETTERS.
 - + 4. CAUTION, DO NOT (TWO PLACES) AND REPLACEMENT ARE 1/2 in. (12.7 mm) LETTERS.
- ALL OTHER LETTERS IN THIS CALLOUT ARE 1/4 in. (6.35 mm).



LEGEND:

1. (NO STEP AFT)
(TYPICAL 10 PLACES)
- * ▲ 2. MAIN TANK AUXILIARY FILL
CAPACITY 5246 LITERS
FUEL: PWA SPEC. 522 REVISED.
- + 3. **CAUTION** (REAR SPAR PLANE)
FLUX VALVE - HIGHLY SUSCEPTIBLE TO MAGNETIC INTERFERENCE.
 1. DO NOT USE EQUIPMENT OR TOOLS CONTAINING MAGNETIC MATERIALS WITHIN A 5 ft. RADIUS WHILE TESTING FLUX VALVE.
 2. DO NOT TEST FLUX VALVE USING DC-METER.
 3. REPLACEMENT OF ANY HARDWARE WITHIN A 5 ft. RADIUS MUST BE PER AIRCRAFT MAINTENANCE MANUAL.
4. BOOST PUMP
5. HOIST (TYPICAL 6 PLACES)
6. FUEL VENT VALVE

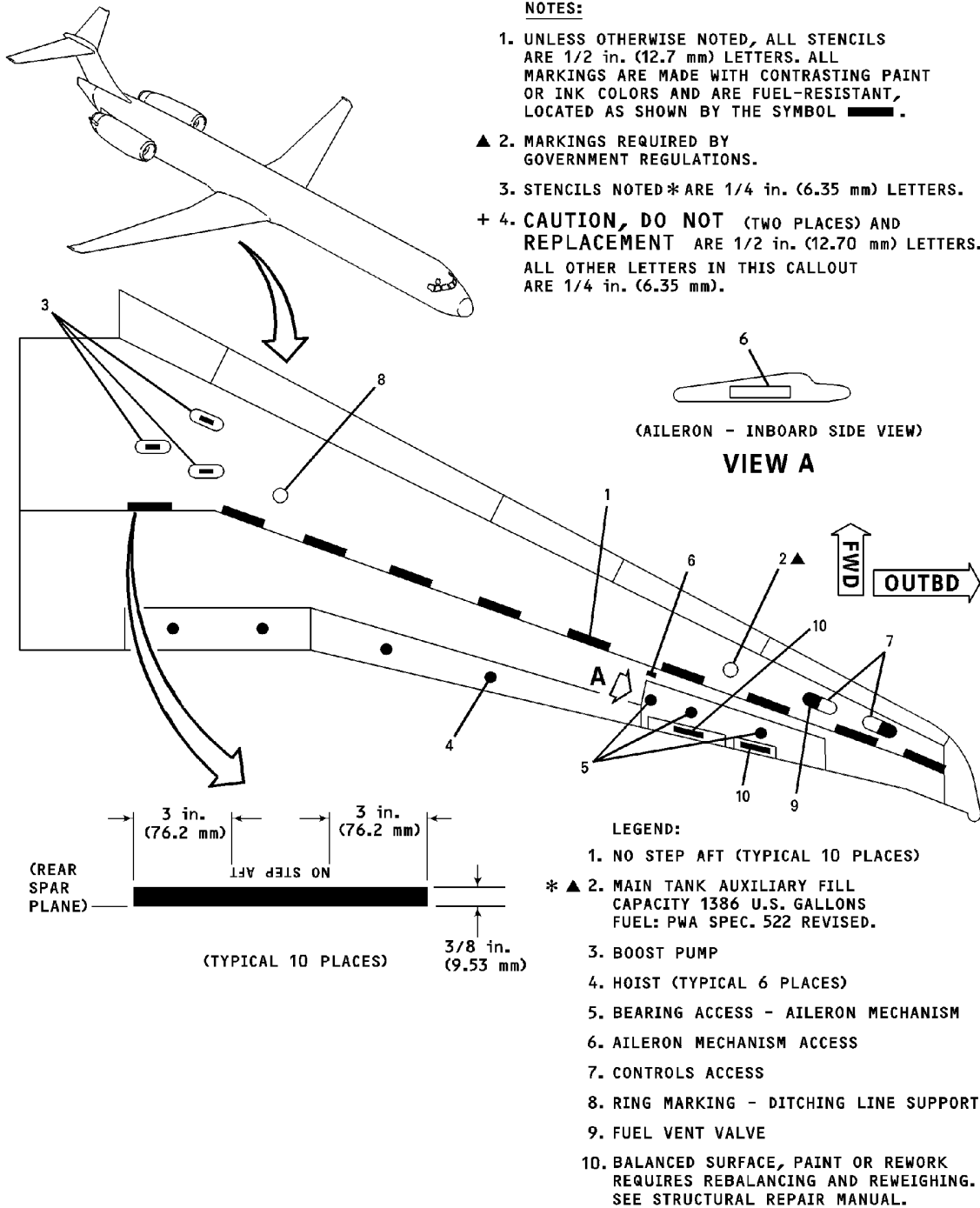
BBB2-11-440D
S0006523407V2

External Markings - Right Wing (Upper Surface)
Figure 1/11-21-05-990-801 (Sheet 2 of 5)

EFFECTIVITY
WJE 405-411, 415, 416, 418, 420, 422, 424-427, 429,
861-864, 866, 868, 880, 881, 883, 884, 891

11-21-05

MD-80 AIRCRAFT MAINTENANCE MANUAL



CAG(IGDS)

BBB2-52-809

External Markings - Right Wing (Upper Surface)
Figure 1/11-21-05-990-801 (Sheet 3 of 5)

EFFECTIVITY
WJE 875-879

TP-80MM-WJE

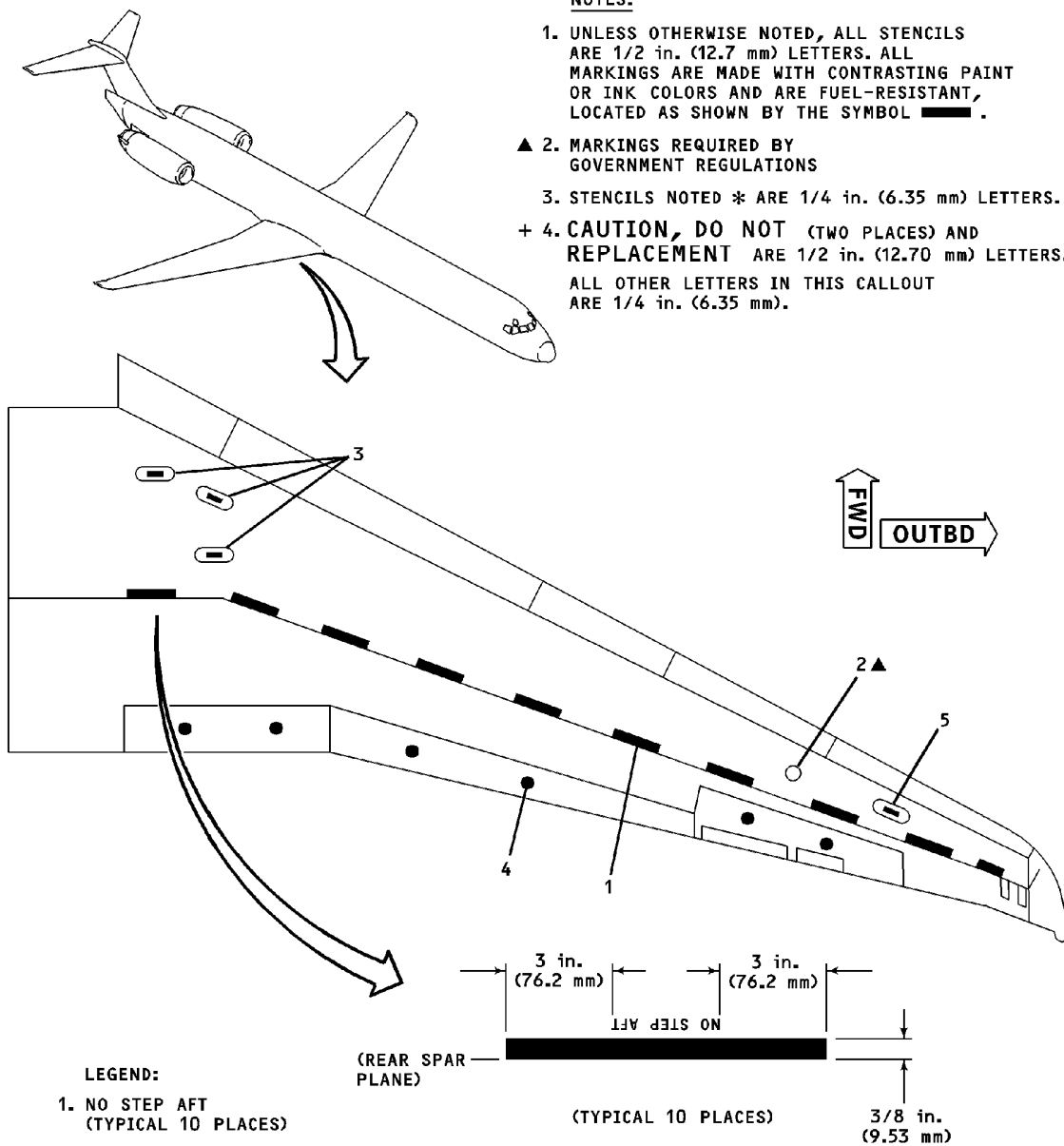
11-21-05

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MD-80 AIRCRAFT MAINTENANCE MANUAL

NOTES:

1. UNLESS OTHERWISE NOTED, ALL STENCILS ARE 1/2 in. (12.7 mm) LETTERS. ALL MARKINGS ARE MADE WITH CONTRASTING PAINT OR INK COLORS AND ARE FUEL-RESISTANT, LOCATED AS SHOWN BY THE SYMBOL .
- ▲ 2. MARKINGS REQUIRED BY GOVERNMENT REGULATIONS
3. STENCILS NOTED * ARE 1/4 in. (6.35 mm) LETTERS.
- + 4. CAUTION, DO NOT (TWO PLACES) AND REPLACEMENT ARE 1/2 in. (12.70 mm) LETTERS. ALL OTHER LETTERS IN THIS CALLOUT ARE 1/4 in. (6.35 mm).



- LEGEND:**
1. NO STEP AFT (TYPICAL 10 PLACES)
 - * ▲ 2. MAIN TANK AUXILIARY FILL
CAPACITY 5246 LITERS
FUEL: PWA SPEC. 522 REVISED
 3. BOOST PUMP
 4. HOIST (TYPICAL 6 PLACES)
 5. FUEL VENT VALVE

CAG(IGDS)

BBB2-11-810

**External Markings - Right Wing (Upper Surface)
Figure 1/11-21-05-990-801 (Sheet 4 of 5)**

EFFECTIVITY
WJE 417, 419, 421, 423, 865, 869, 871, 872

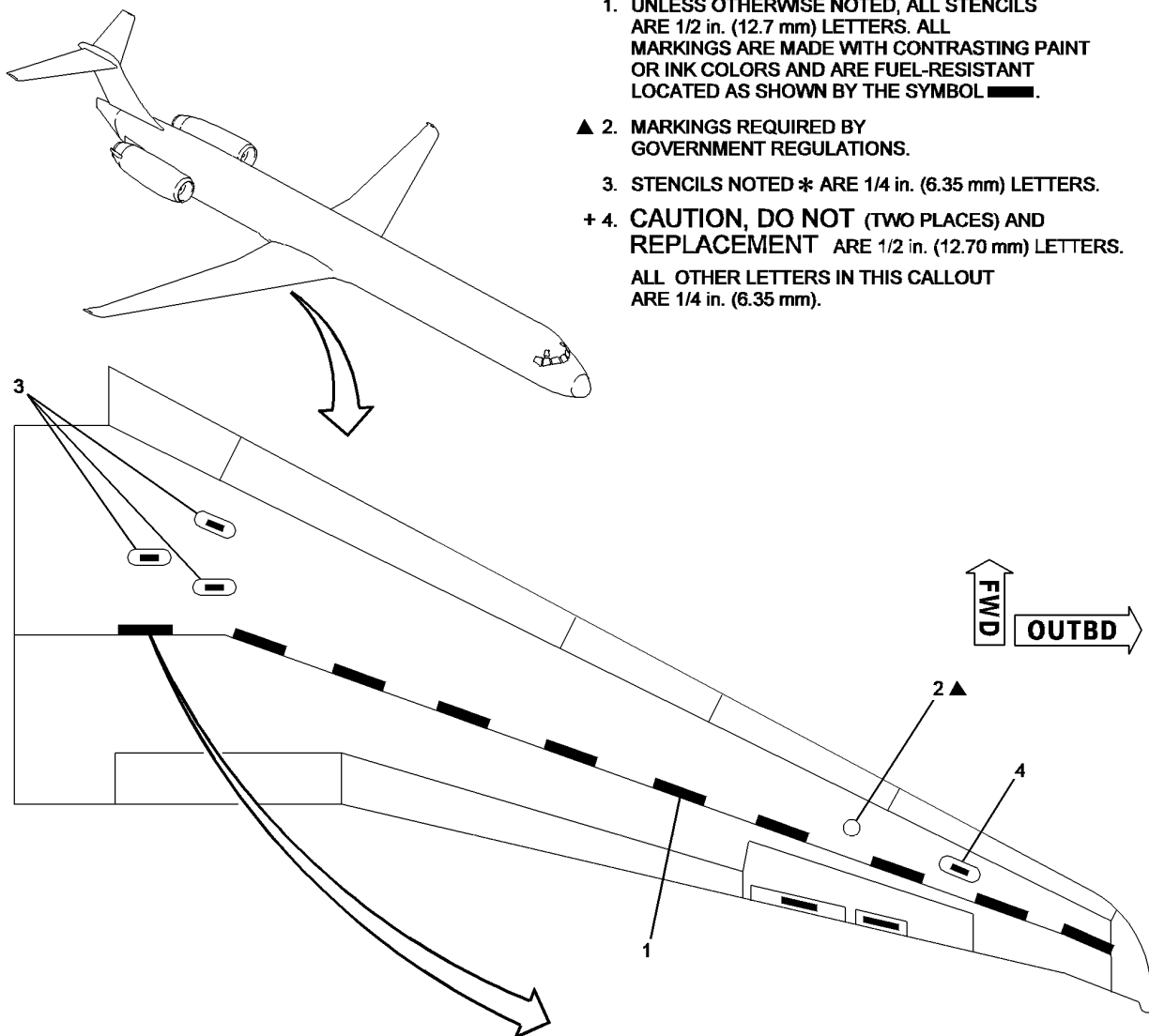
11-21-05

TP-80MM-WJE

MD-80 AIRCRAFT MAINTENANCE MANUAL

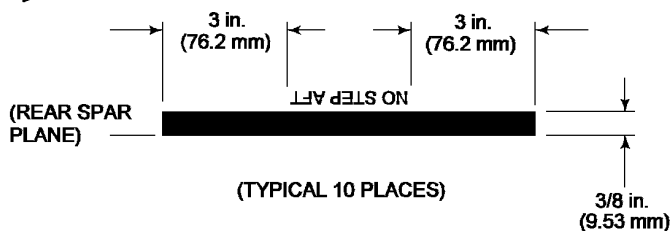
NOTES:

1. UNLESS OTHERWISE NOTED, ALL STENCILS ARE 1/2 in. (12.7 mm) LETTERS. ALL MARKINGS ARE MADE WITH CONTRASTING PAINT OR INK COLORS AND ARE FUEL-RESISTANT LOCATED AS SHOWN BY THE SYMBOL ■■■■■.
- ▲ 2. MARKINGS REQUIRED BY GOVERNMENT REGULATIONS.
3. STENCILS NOTED * ARE 1/4 in. (6.35 mm) LETTERS.
- + 4. CAUTION, DO NOT (TWO PLACES) AND REPLACEMENT ARE 1/2 in. (12.70 mm) LETTERS. ALL OTHER LETTERS IN THIS CALLOUT ARE 1/4 in. (6.35 mm).



LEGEND:

1. NO STEP AFT (TYPICAL 10 PLACES)
- * ▲ 2. MAIN TANK AUXILIARY FILL CAPACITY 1386 U.S. GALLONS FUEL: PWA SPEC. 522 REVISED
3. BOOST PUMP
4. FUEL VENT VALVE



BBB2-11-811A
 S0006523406V2

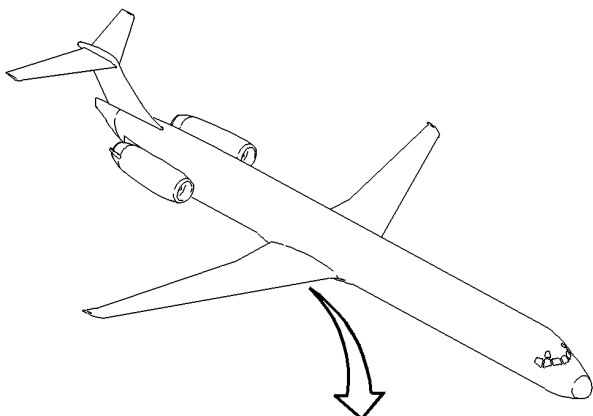
External Markings - Right Wing (Upper Surface)
 Figure 1/11-21-05-990-801 (Sheet 5 of 5)


EFFECTIVITY
 WJE 401-404, 412, 414

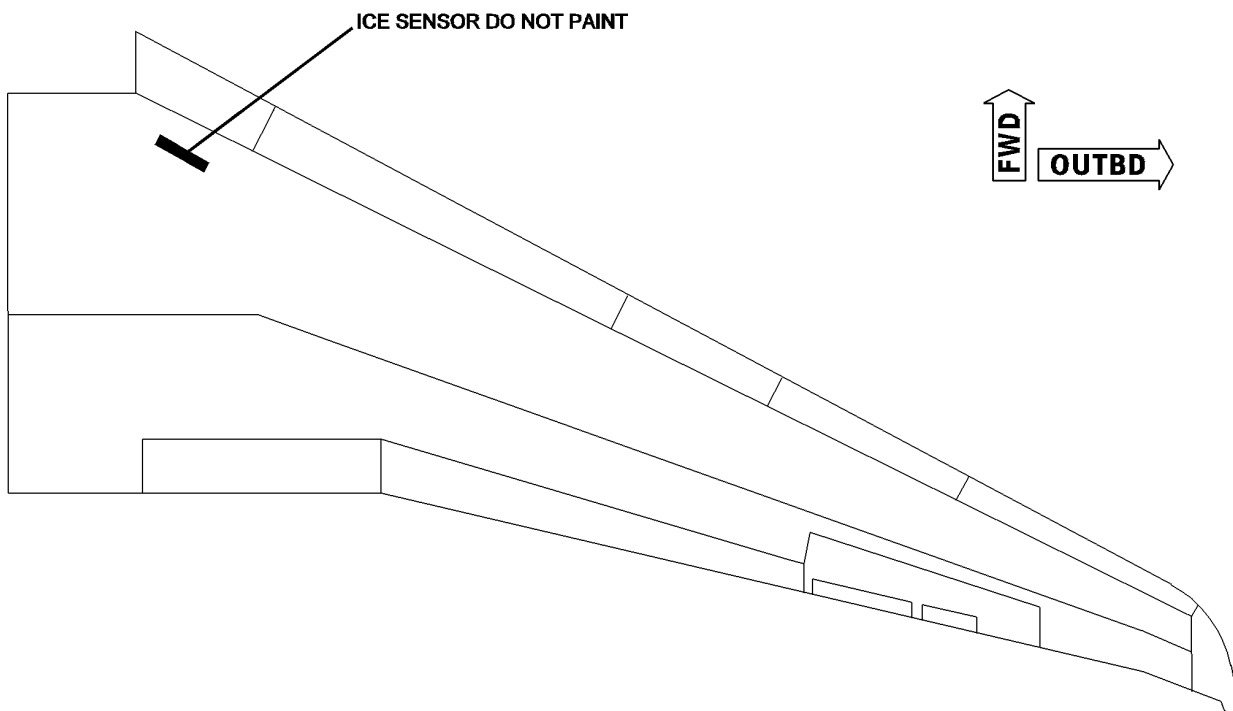
11-21-05

TP-80MM-WJE

MD-80 AIRCRAFT MAINTENANCE MANUAL



NOTE:
UNLESS OTHERWISE NOTED, ALL STENCILS
ARE 1/2 in. (12.70 mm) LETTERS. ALL
MARKINGS ARE MADE WITH CONTRASTING PAINT
OR INK COLORS AND ARE FUEL-RESISTANT,
LOCATED AS SHOWN BY THE SYMBOL .



BBB2-11-925
S0000239138V1

Ice Sensor Marking - Right Wing (upper Surface)
Figure 2/11-21-05-990-802

EFFECTIVITY
WJE 405-411, 884

TP-80MM-WJE

11-21-05

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MD-80
AIRCRAFT MAINTENANCE MANUAL

WINGS - BOTH - DESCRIPTION AND OPERATION

WJE
WJE
WJE

1. Wings - Both - External Markings

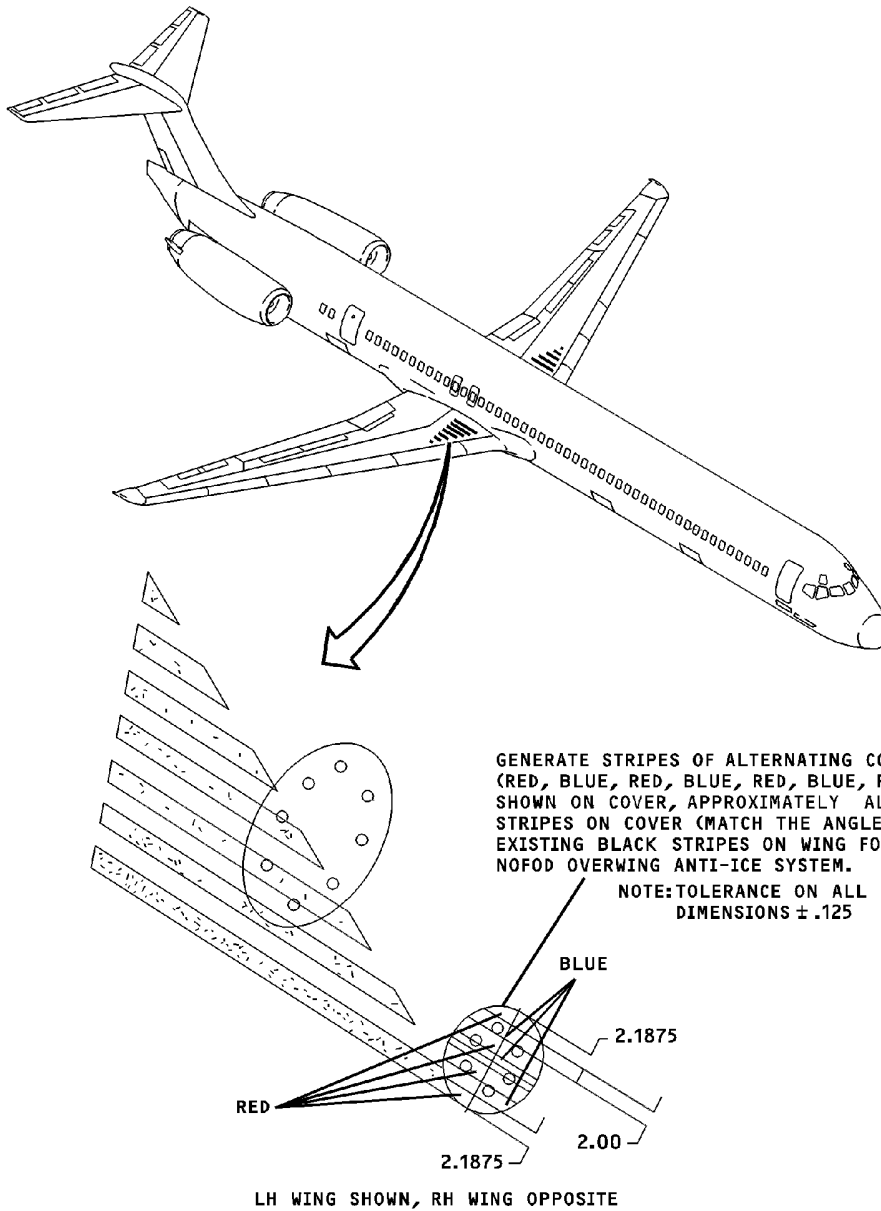
EFFECTIVITY
WJE 412, 414

TP-80MM-WJE

11-21-06

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**



FUEL TANK ACCESS PANEL 1303C LH WING ACCESS COVER P/N 3075-100
 FUEL TANK ACCESS PANEL 1409C RH WING ACCESS COVER P/N 3075-100
 MD-80 A/C WITH NOFOD OVERWING ANTI-ICE SYSTEM INSTALLATION

CAG(IGDS)

BBB2-11-844

WJE
WJE

**Wings External Markings - Fuel Access Panel W/NOFOD
Figure 1/11-21-06-990-803**

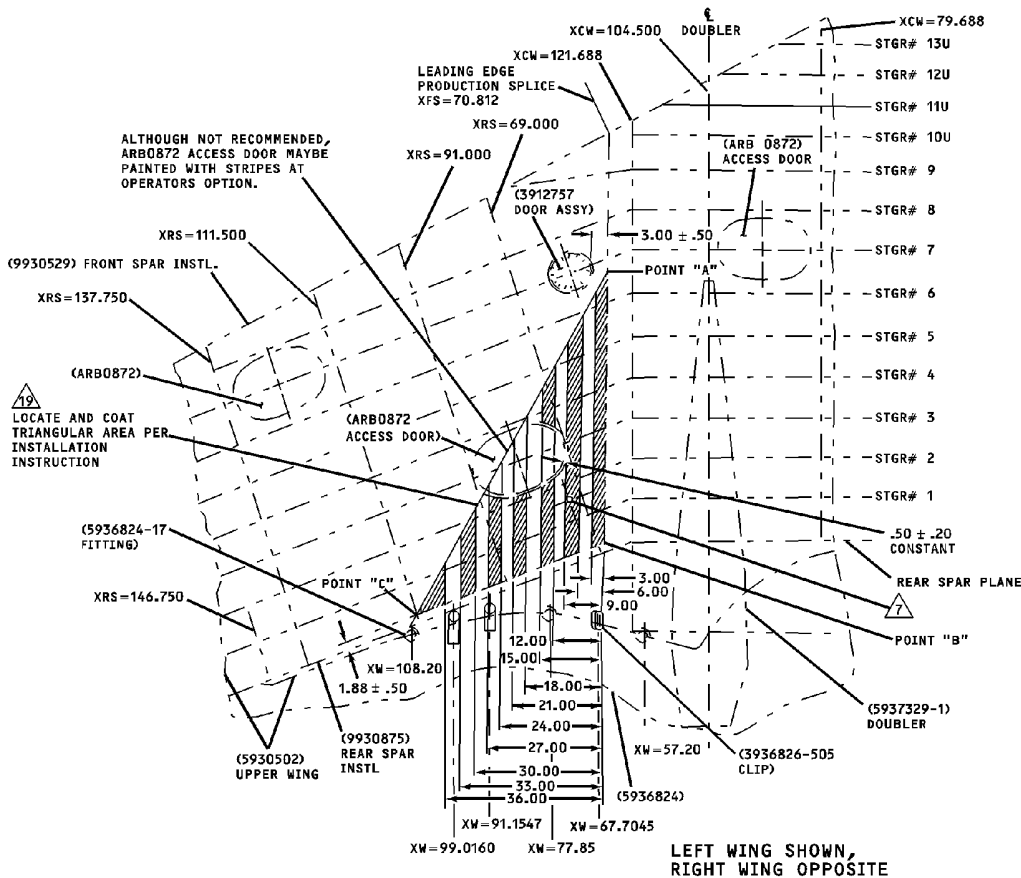
EFFECTIVITY
WJE 412, 414

11-21-06

TP-80MM-WJE

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MD-80 AIRCRAFT MAINTENANCE MANUAL



ACCOMPLISHMENT INSTRUCTIONS:

7009 (OPTION ∇) THIS OPTION PAINTS THE NON-SKID TRIANGULAR SYMBOL.

1. LOCATE BY MEASURING 3.00 ± .50 INCHES INBOARD FROM THE INBOARD MOST SCREW ON THE BOOST PUMP COVER (SMALL) (P/N 3912757) IDENTIFY AS POINT A.
2. LOCATE THE FIRST FORWARD MOUNTING SCREW ON THE AFT FAIRING CLIP (P/N 3936826-505).
3. DRAW A CHALK OR PENCIL LINE BETWEEN THESE TWO POINTS.
4. FROM THE POINT IN STEP 1, MEASURE AFT (ALONG THE LINE DRAWN IN STEP 3) 58.00 ± 1.0 INCHES IDENTIFY AS POINT B.
5. LOCATE THE FIRST FORWARD OUTBOARD MOUNTING SCREW ON THE AFT FAIRING FITTING (P/N 5936824-17) LOCATE A POINT 1.88 ± .50 INCHES FORWARD OF THE SCREW. FROM POINT B MEASURE 42.00 ± 1.0 INCHES, IDENTIFY AS POINT C.
6. DRAW A CHALK LINE BETWEEN C & A .83.00 ± 1.0 INCHES FOR POINTS C & A.
7. COVER THE AFT BOOST PUMP ACCESS PANEL (ARB0872) AND AN AREA .50 ± .20 OUTSIDE OF ACCESS PANEL WITH MASKING TAPE.
8. COVER THE AREA OUTSIDE OF THE TRIANGLE WITH MASKING TAPE.
9. REMOVE ALL TUFTS AND TRIANGULAR DECALS.
10. ONCE THE TRIANGLE IS COMPLETE, ABRASE INSIDE SURFACE. CLEAN THE SURFACE OF ALL FOREIGN MATTER USING 1, 1 TRICHLOROETHANE WIPE DRY WITH A CLEAN COTTON CLOTH.
11. COVER AREA OF DIMENSIONS 3 THRU 6, 9 THRU 12, 15 THRU 18, 21 THRU 24, 27 THRU 30 AND 33 THRU 36 WITH MASKING TAPE BEFORE APPLYING BLACK NON-SKID PAINT.
12. APPLY BLACK NON-SKID PAINT. PAINT STRIPE ARE IN TRIANGLE WITH EITHER ROLLER OR BRUSH. THICKNESS OF PAINT SHOULD BE A MIN. 12 MILS. COMBINED PAINT AND GRIT THICKNESS TO A MAX. 40 MILS. TWO COATS ARE RECOMMENDED. ALLOWING 4 HRS. DRYING TIME BEFORE RECOATING.
13. ALLOW COATING TO CURE FOR 24 HOURS, MINIMUM.

CAG(IGDS)

BBB2-11-845A

WJE
WJE

Wings External Markings - Non-Skid Paint Stripes Figure 2/11-21-06-990-804

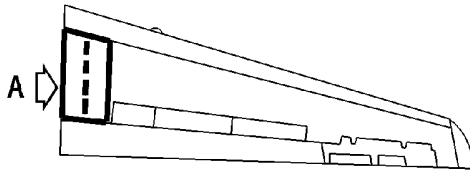
EFFECTIVITY
WJE 412, 414

11-21-06

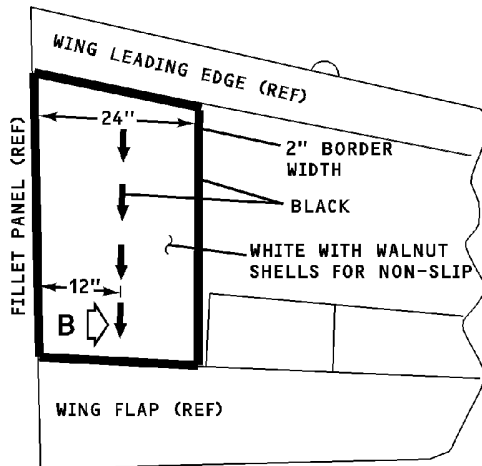
TP-80MM-WJE

MD-80 AIRCRAFT MAINTENANCE MANUAL

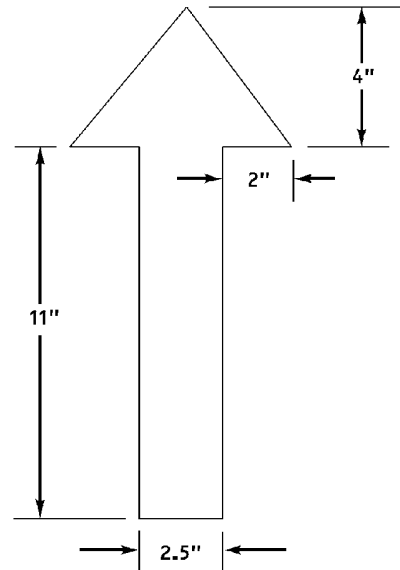
RIGHT AND LEFT WING - TOP SURFACE



RIGHT WING SHOWN LEFT WING OPPOSITE



VIEW A



VIEW B
(4 EACH)

REF. FAR 25.803

1. ESCAPE ROUTE MUST BE COVERED WITH A NON-SLIP SURFACE.
2. ESCAPE ROUTE MUST BE AT LEAST 2 FEET WIDE
3. ESCAPE ROUTE SURFACE MUST HAVE A REFLECTANCE OF AT LEAST 80%.
4. ESCAPE ROUTE SURFACE MUST BE DEFINED BY MARKINGS WITH A SURFACE TO MARKING CONTRAST OF AT LEAST 5 TO 1.

CAG(IGDS)

BBB2-11-846

WJE
WJE

Wings External Markings - Escape Route Arrows Figure 3/11-21-06-990-805

EFFECTIVITY
WJE 412, 414

11-21-06

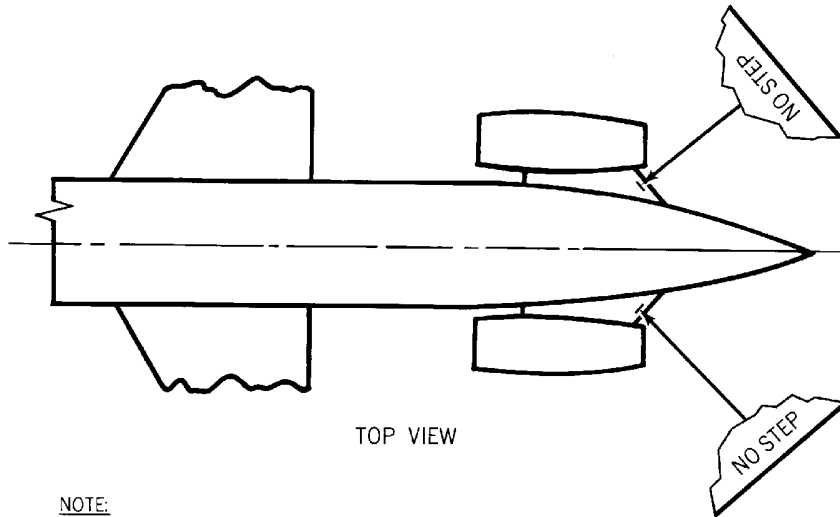
TP-80MM-WJE

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MD-80
AIRCRAFT MAINTENANCE MANUAL
PYLONS - DESCRIPTION AND OPERATION

1. Pylons - Top

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



TOP VIEW

NOTE:
ALL LETTERS ARE 1 INCH (25.4 MM)
HIGH, CONTRASTING (BLACK OR
WHITE) COLORS

BBB2-11-434A

Pylons -- Top
Figure 1/11-22-01-990-801 (Sheet 1 of 2)

EFFECTIVITY
WJE ALL

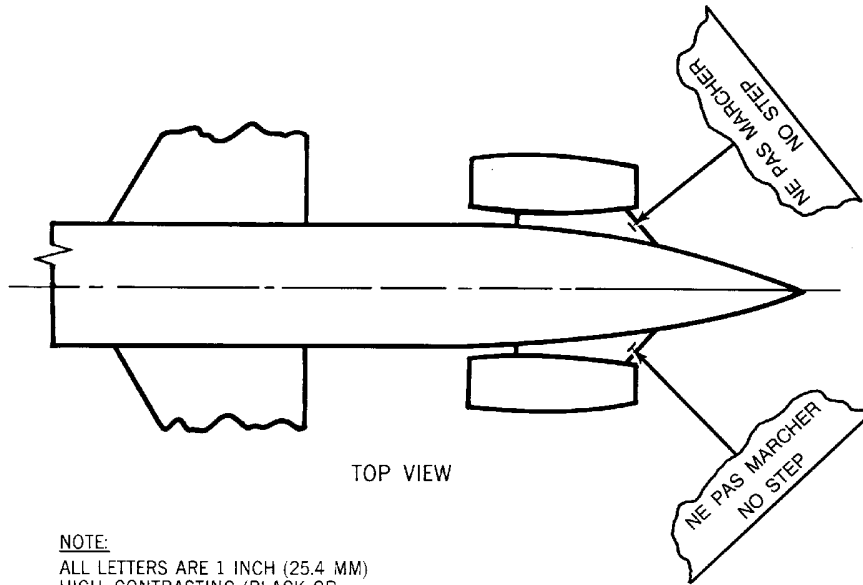
TP-80MM-WJE

11-22-01

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MD-80 AIRCRAFT MAINTENANCE MANUAL

WJE 892, 893



NOTE:
ALL LETTERS ARE 1 INCH (25.4 MM)
HIGH, CONTRASTING (BLACK OR
WHITE) COLORS

BBB2-11-583

Pylons -- Top
Figure 1/11-22-01-990-801 (Sheet 2 of 2)

EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-22-01

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

FLIGHT COMPARTMENT - DESCRIPTION AND OPERATION

1. Internal Markings - Flight Compartment

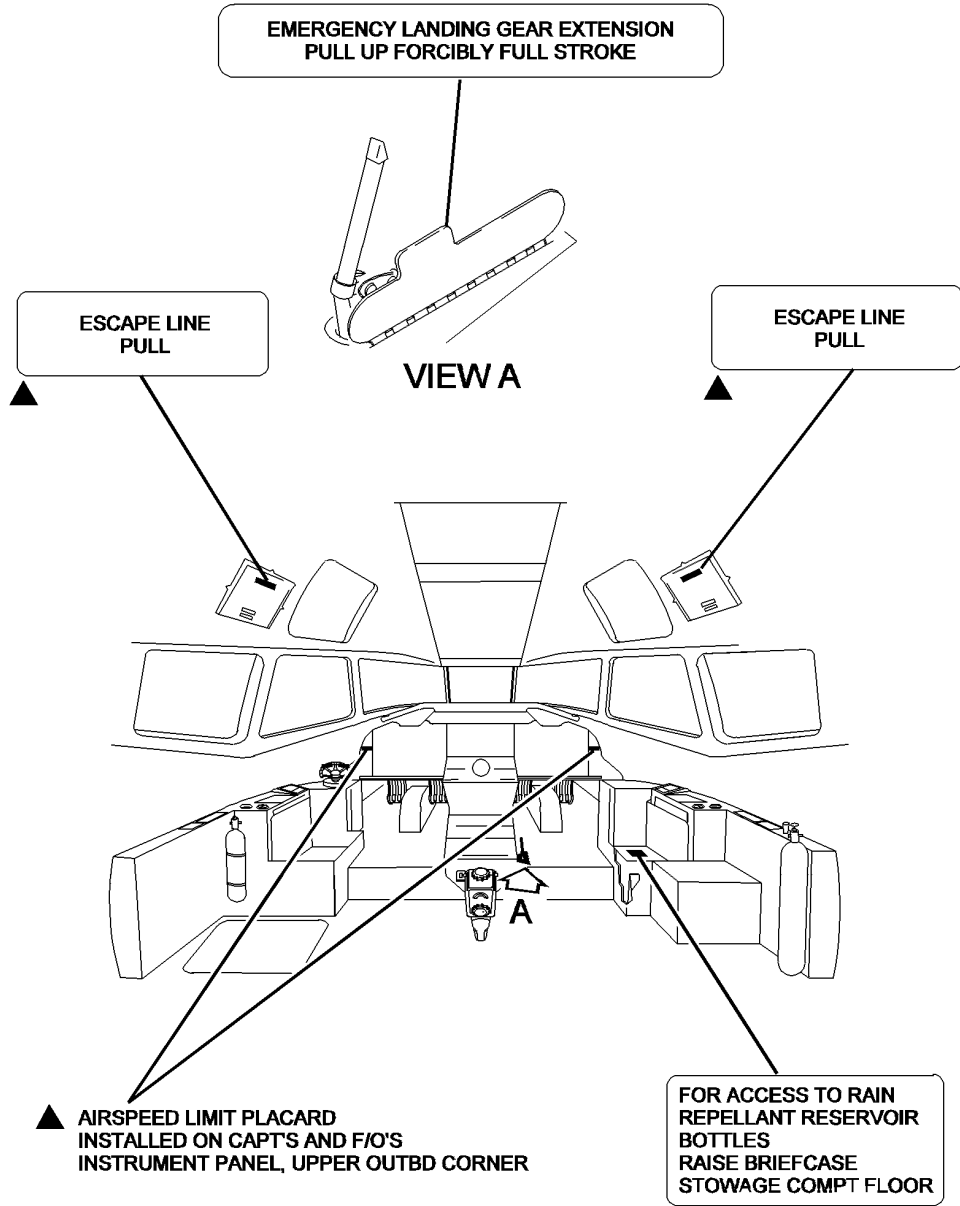
EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-31-01

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**



▲ MARKINGS REQUIRED BY GOVERNMENT REGULATIONS

BBB2-11-919A
S0000222091V2

**Internal Markings - Flight Compartment
Figure 1/11-31-01-990-801**

EFFECTIVITY
WJE 401-404, 415-427, 429, 861-866, 868, 869, 871,
872, 875-879, 891

11-31-01

TP-80MM-WJE

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

AFT ACCESSORY COMPARTMENT - DESCRIPTION AND OPERATION

1. Aft Accessory Compartment - Internal Markings

EFFECTIVITY
WJE ALL

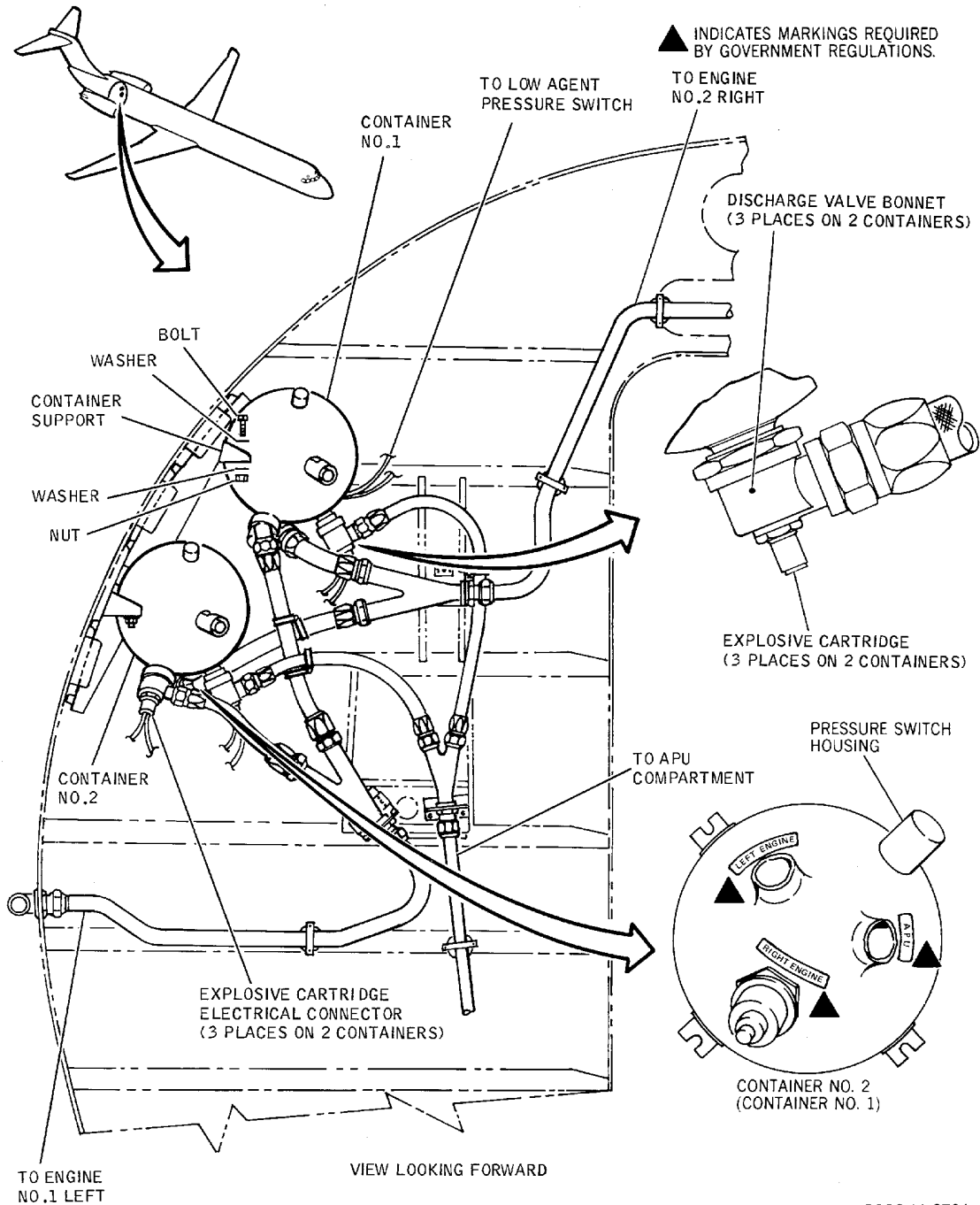


TP-80MM-WJE

11-32-01

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**



BBB2-11-373A

**Internal Markings - Aft Accessory Compartment
Figure 1/11-32-01-990-801 (Sheet 1 of 5)**

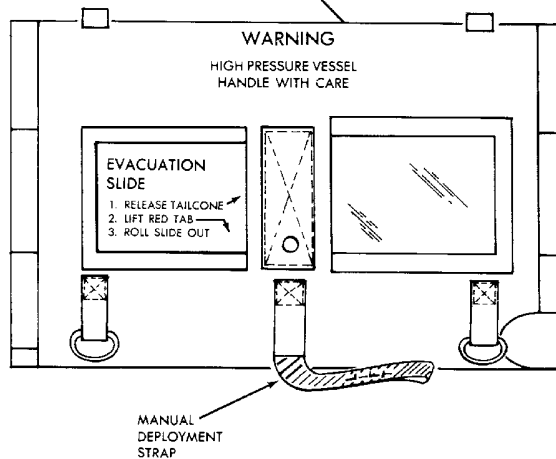
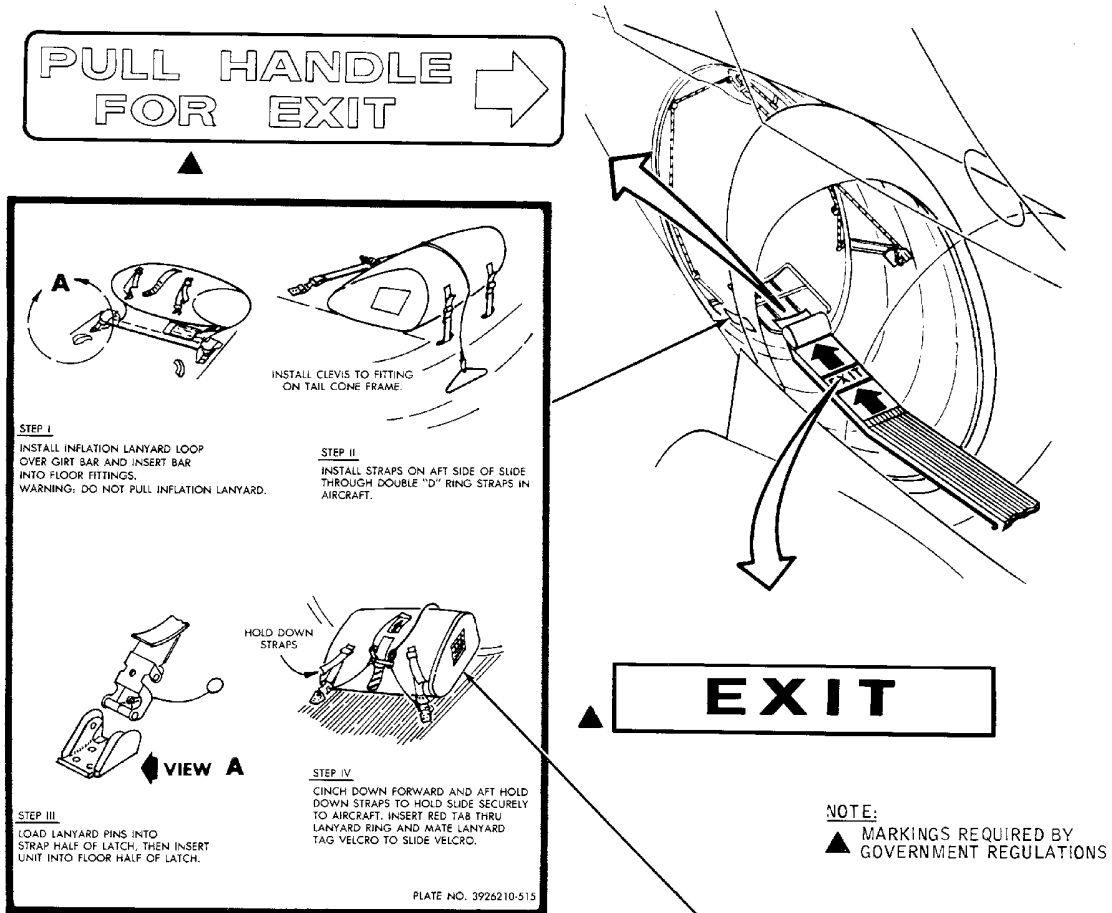
EFFECTIVITY

WJE 401-411, 415-427, 429, 861-866, 868, 869, 871, 872, 874-881, 883, 884, 886, 887, 891, 892

TP-80MM-WJE

11-32-01

**MD-80
AIRCRAFT MAINTENANCE MANUAL**



BBB2-11-30D

**Internal Markings - Aft Accessory Compartment
Figure 1/11-32-01-990-801 (Sheet 2 of 5)**

EFFECTIVITY
WJE 874, 892

11-32-01

TP-80MM-WJE

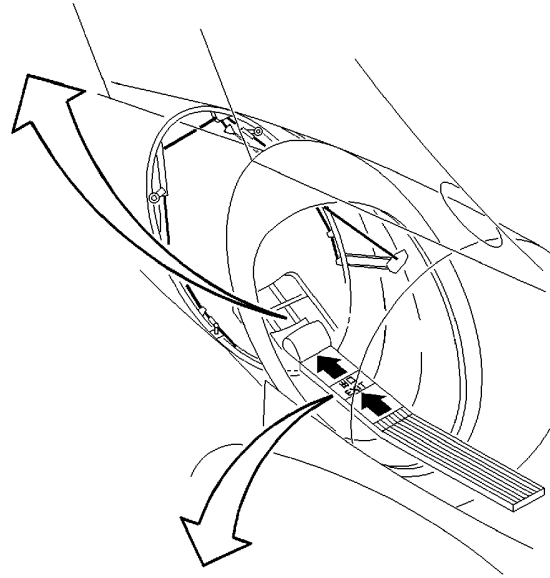
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MD-80 AIRCRAFT MAINTENANCE MANUAL

▲ 손잡이를 당겨서 여십시오
**PULL HANDLE
FOR EXIT** →

NOTE:

▲ MARKINGS REQUIRED BY
GOVERNMENT REGULATIONS



▲ 

CAG(IGDS)

BBB2-11-728

Internal Markings - Aft Accessory Compartment
Figure 1/11-32-01-990-801 (Sheet 3 of 5)

EFFECTIVITY
WJE 875-879

TP-80MM-WJE

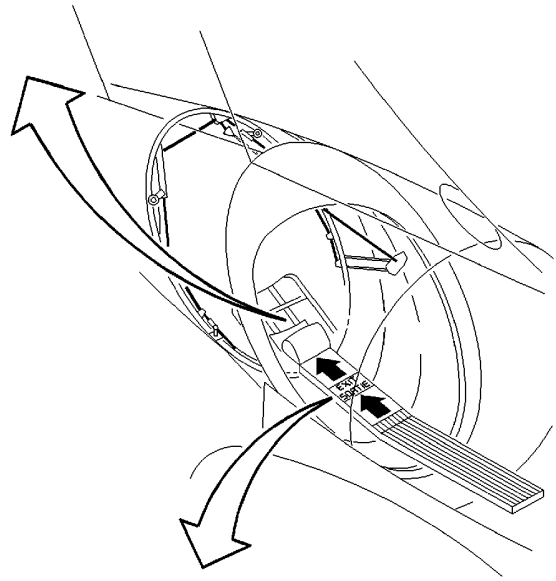
11-32-01

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

**PULL HANDLE
FOR EXIT
TIRER LA POIGNEE
POUR LA SORTIE** 

NOTE:
▲ MARKINGS REQUIRED BY
GOVERNMENT REGULATIONS



**EXIT
SORTIE**

CAG(IGDS)

BBB2-11-730

**Internal Markings - Aft Accessory Compartment
Figure 1/11-32-01-990-801 (Sheet 4 of 5)**

EFFECTIVITY
WJE 401-404, 412, 414

11-32-01

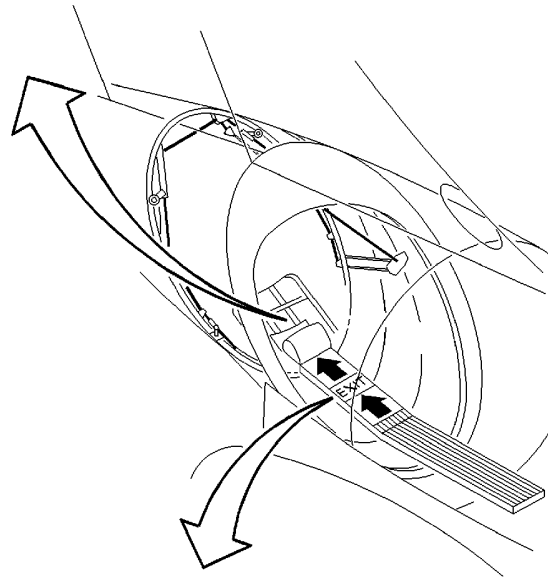
TP-80MM-WJE

MD-80 AIRCRAFT MAINTENANCE MANUAL

**PULL HANDLE
FOR EXIT** 

NOTE:

**▲ MARKINGS REQUIRED BY
GOVERNMENT REGULATIONS**



EXIT

CAG(IGDS)

BBB2-11-722

**Internal Markings - Aft Accessory Compartment
Figure 1/11-32-01-990-801 (Sheet 5 of 5)**

EFFECTIVITY

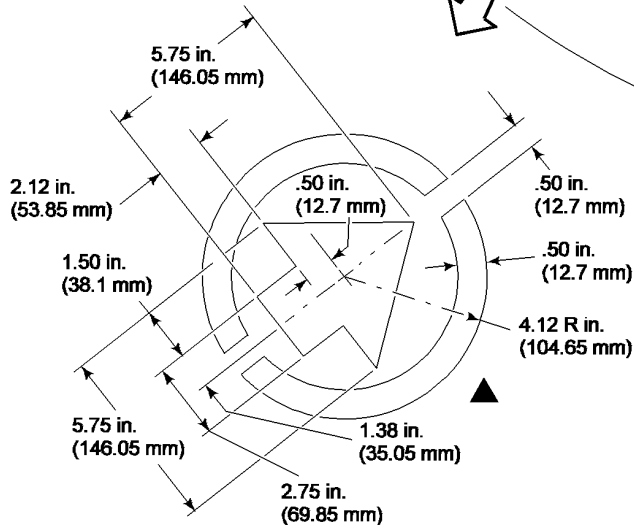
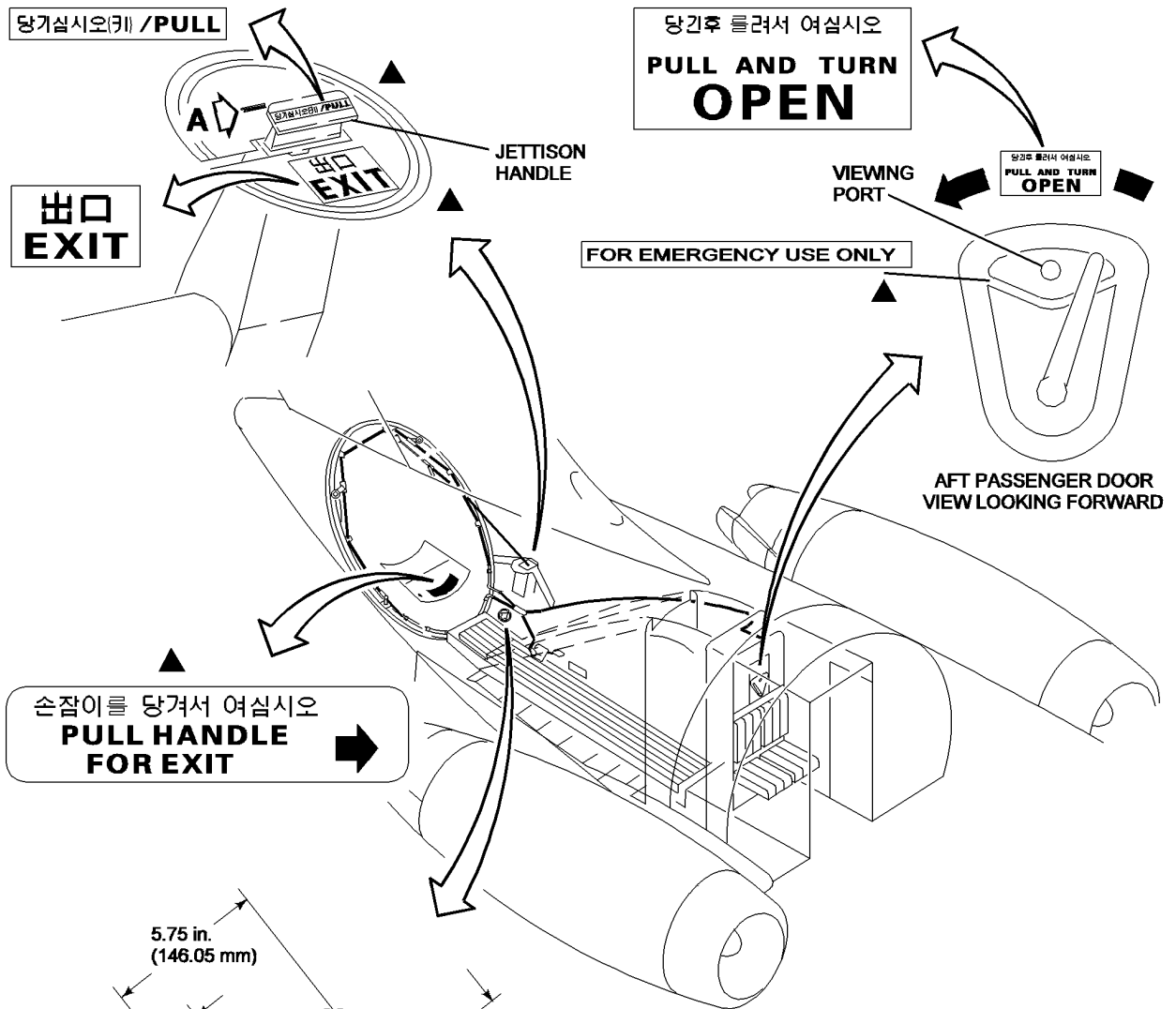
WJE 407, 408, 411, 415-427, 429, 861-866, 868, 869,
871, 872, 880, 886, 887, 891

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WARNING FOR MAINTENANCE SUPPORT
TAILCONE BEFORE PULLING HANDLE

VIEW A

NOTE:

▲ INDICATES MARKINGS REQUIRED BY GOVERNMENT REGULATIONS

STENCIL CIRCLE AND ARROW ON AIRCRAFT SKIN WITH RED POLYURETHANE TOPCOAT. ARROW TO POINT TO TAILCONE RELEASE HANDLE.

BBB2-11-473B
S0006523448V2

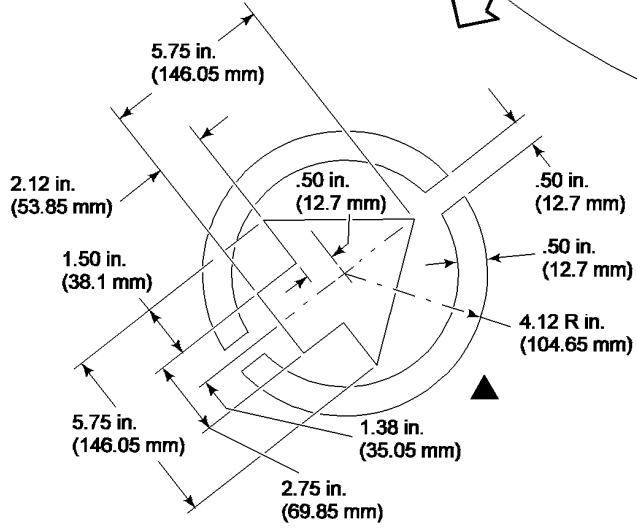
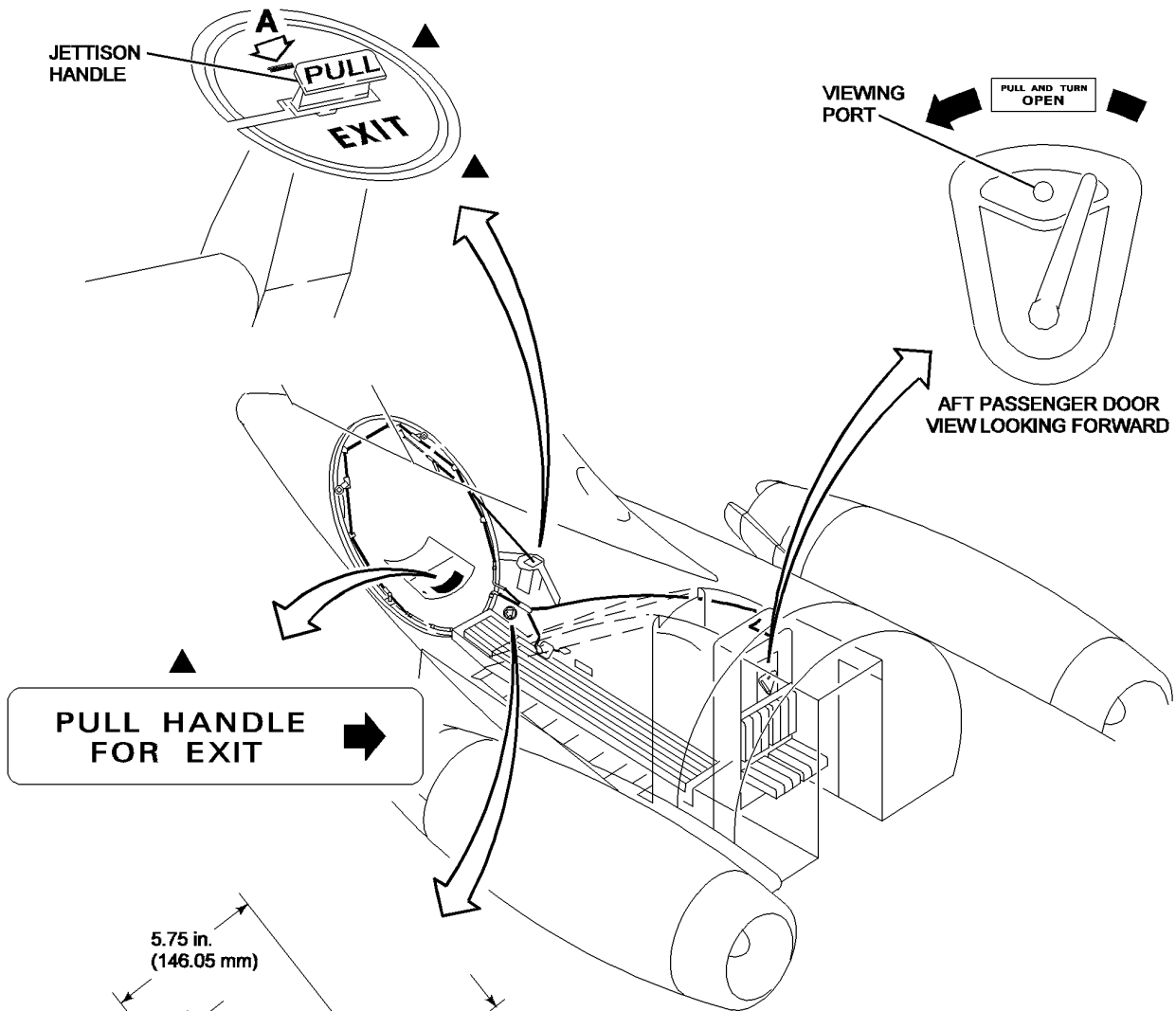
Internal Markings - Aft Accessory Compartment
Figure 2/11-32-01-990-803 (Sheet 1 of 3)

EFFECTIVITY
WJE 875-879

TP-80MM-WJE

11-32-01

**MD-80
AIRCRAFT MAINTENANCE MANUAL**



**WARNING FOR MAINTENANCE SUPPORT
TAILCONE BEFORE PULLING HANDLE**

VIEW A

NOTE:

▲ INDICATES MARKINGS REQUIRED BY GOVERNMENT REGULATIONS

STENCIL CIRCLE AND ARROW ON AIRCRAFT SKIN WITH RED POLYURETHANE TOPCOAT. ARROW TO POINT TO TAILCONE RELEASE HANDLE.

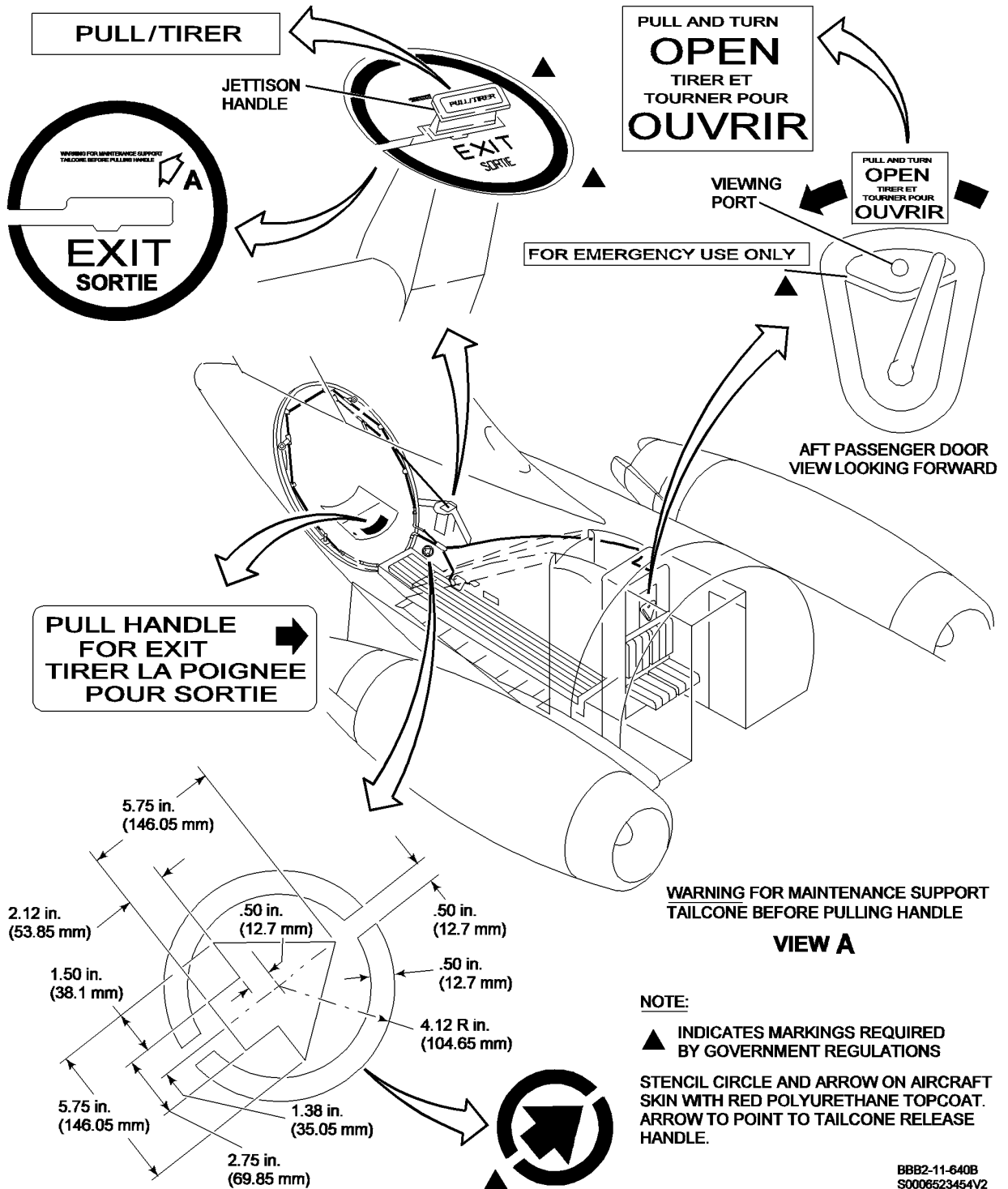
BBB2-11-31F
S0006523453V3

**Internal Markings - Aft Accessory Compartment
Figure 2/11-32-01-990-803 (Sheet 2 of 3)**

EFFECTIVITY
WJE 405-411, 415-427, 429, 861-866, 868, 869,
871-874, 880, 881, 883, 884, 886, 887, 891, 892

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AIRCRAFT MAINTENANCE MANUAL**



**Internal Markings - Aft Accessory Compartment
Figure 2/11-32-01-990-803 (Sheet 3 of 3)**

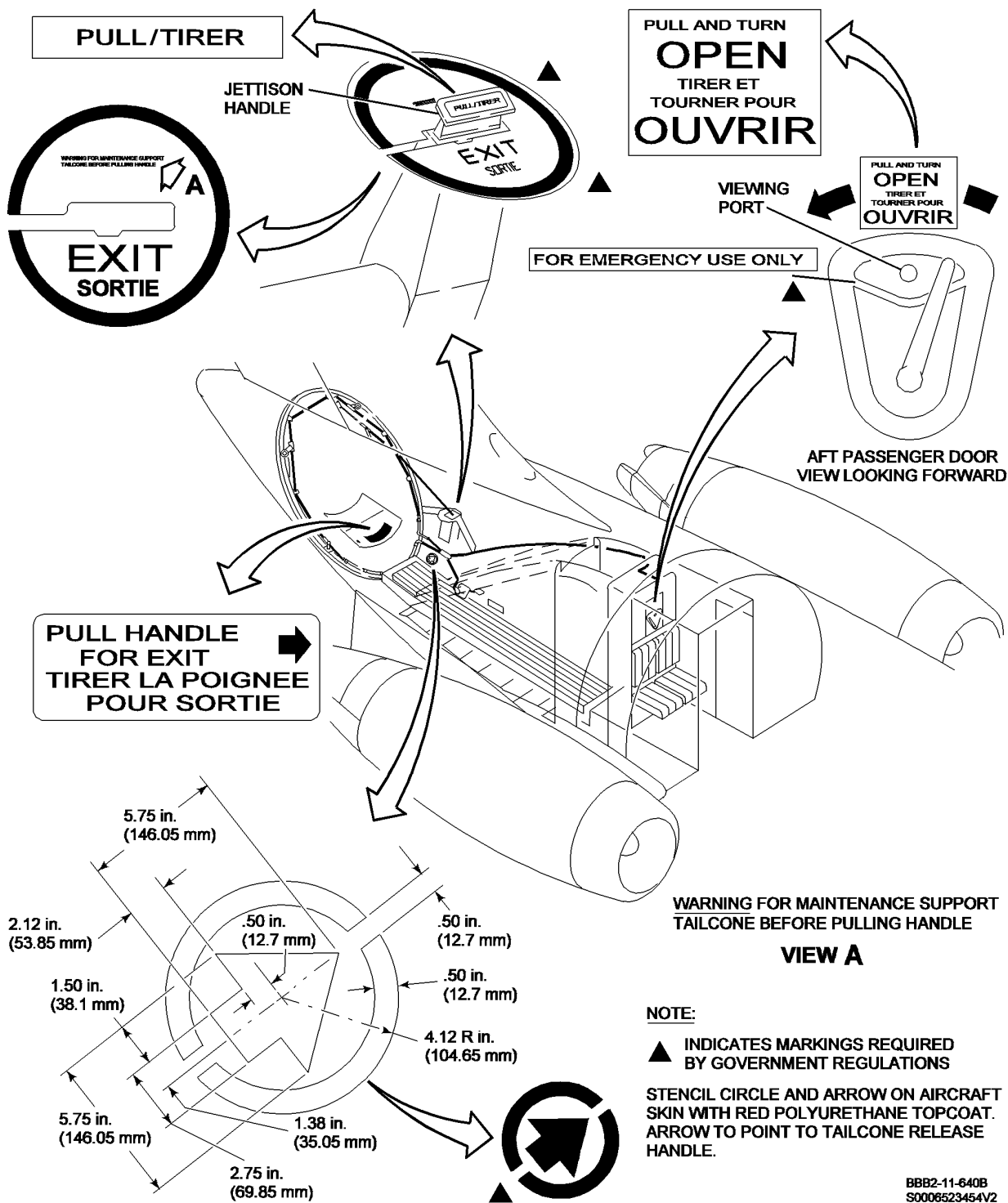
EFFECTIVITY
WJE 401-404

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AIRCRAFT MAINTENANCE MANUAL**



**Internal Markings - Aft Accessory Compartment
Figure 3/11-32-01-990-804 (Sheet 1 of 4)**

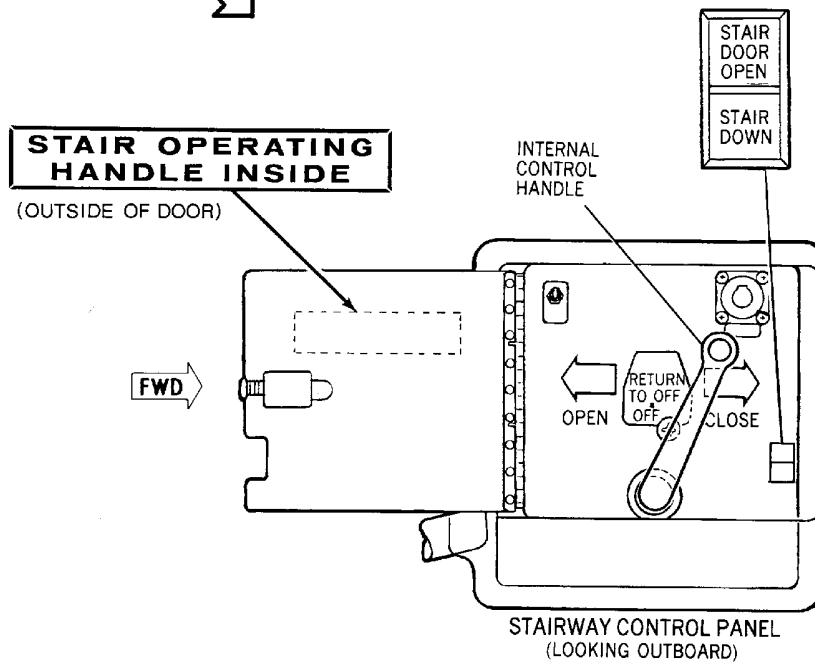
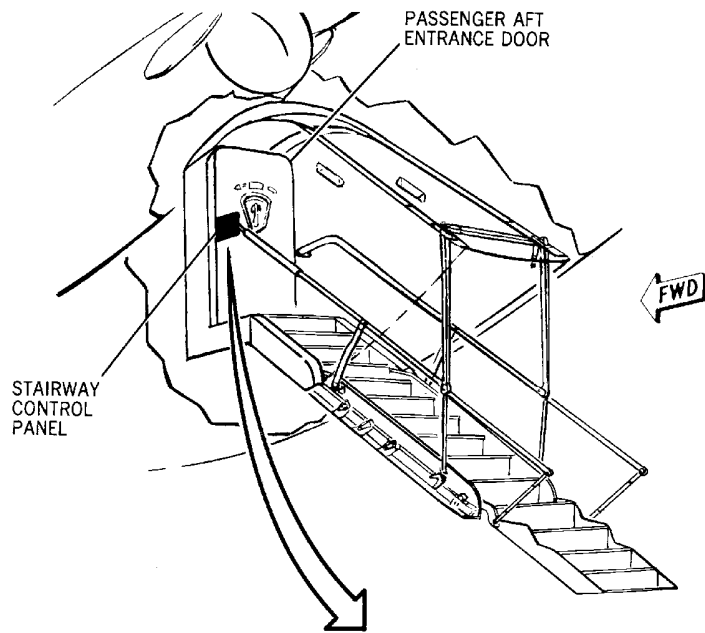
EFFECTIVITY
WJE 412, 414

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AIRCRAFT MAINTENANCE MANUAL**



BBB2-11-374A

**Internal Markings - Aft Accessory Compartment
Figure 3/11-32-01-990-804 (Sheet 2 of 4)**

EFFECTIVITY

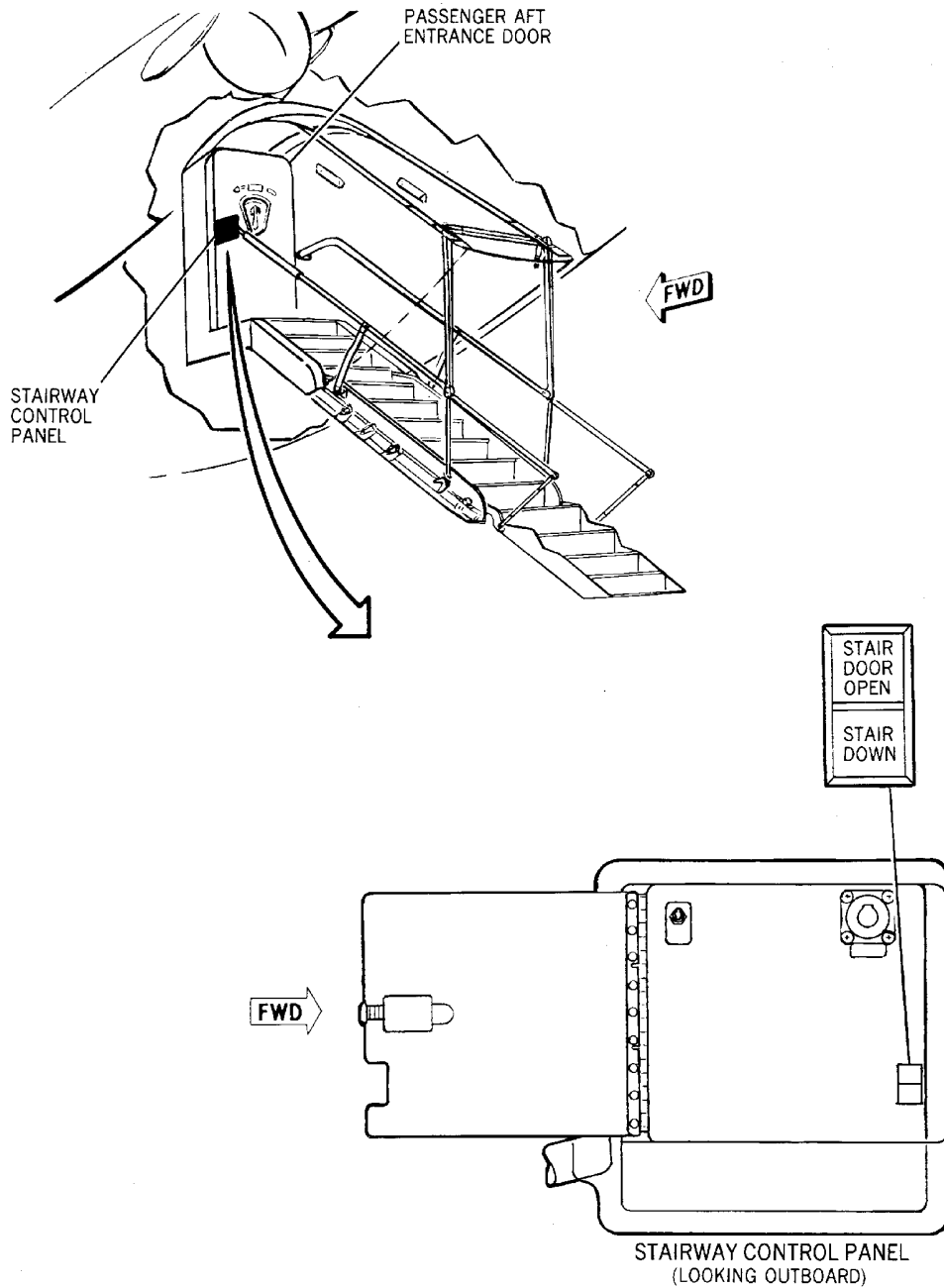
WJE 405-411, 415-427, 429, 861-866, 868, 869, 871, 872, 875-881, 883, 884, 891

TP-80MM-WJE

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BBB2-11-563

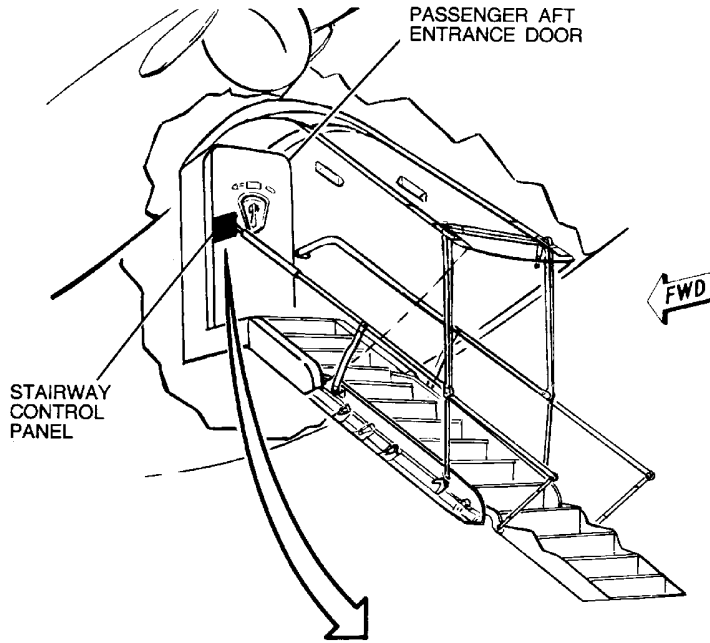
Internal Markings - Aft Accessory Compartment
Figure 3/11-32-01-990-804 (Sheet 3 of 4)

EFFECTIVITY
WJE 886, 887

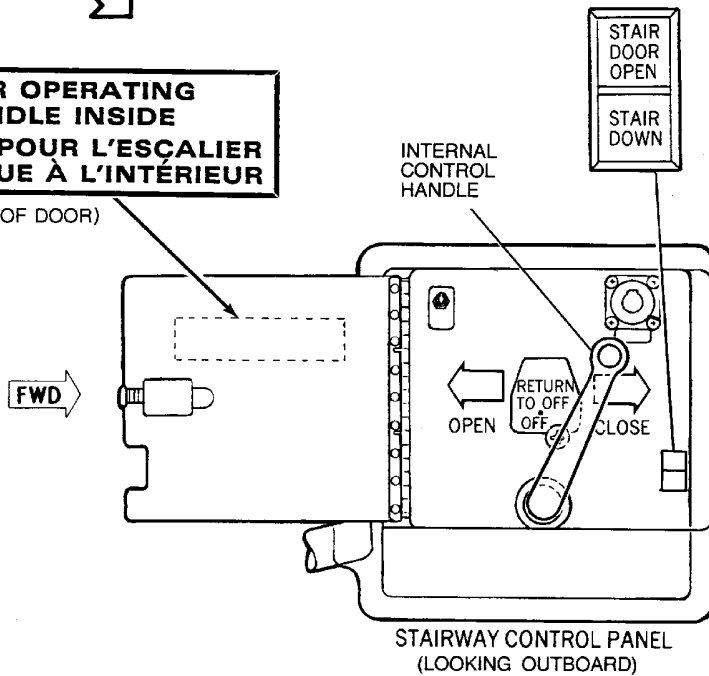
TP-80MM-WJE

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AIRCRAFT MAINTENANCE MANUAL**



STAIR OPERATING HANDLE INSIDE
POIGNÉE POUR L'ESCALIER ÉLECTRIQUE À L'INTÉRIEUR
(OUTSIDE OF DOOR)



BBB2-11-646

Internal Markings - Aft Accessory Compartment
Figure 3/11-32-01-990-804 (Sheet 4 of 4)

EFFECTIVITY
WJE 401-404, 412, 414

TP-80MM-WJE

11-32-01

**MD-80
AIRCRAFT MAINTENANCE MANUAL**

TAIL CONE COMPARTMENT - DESCRIPTION AND OPERATION

1. Tail Cone Compartment - Internal Markings

EFFECTIVITY
WJE ALL

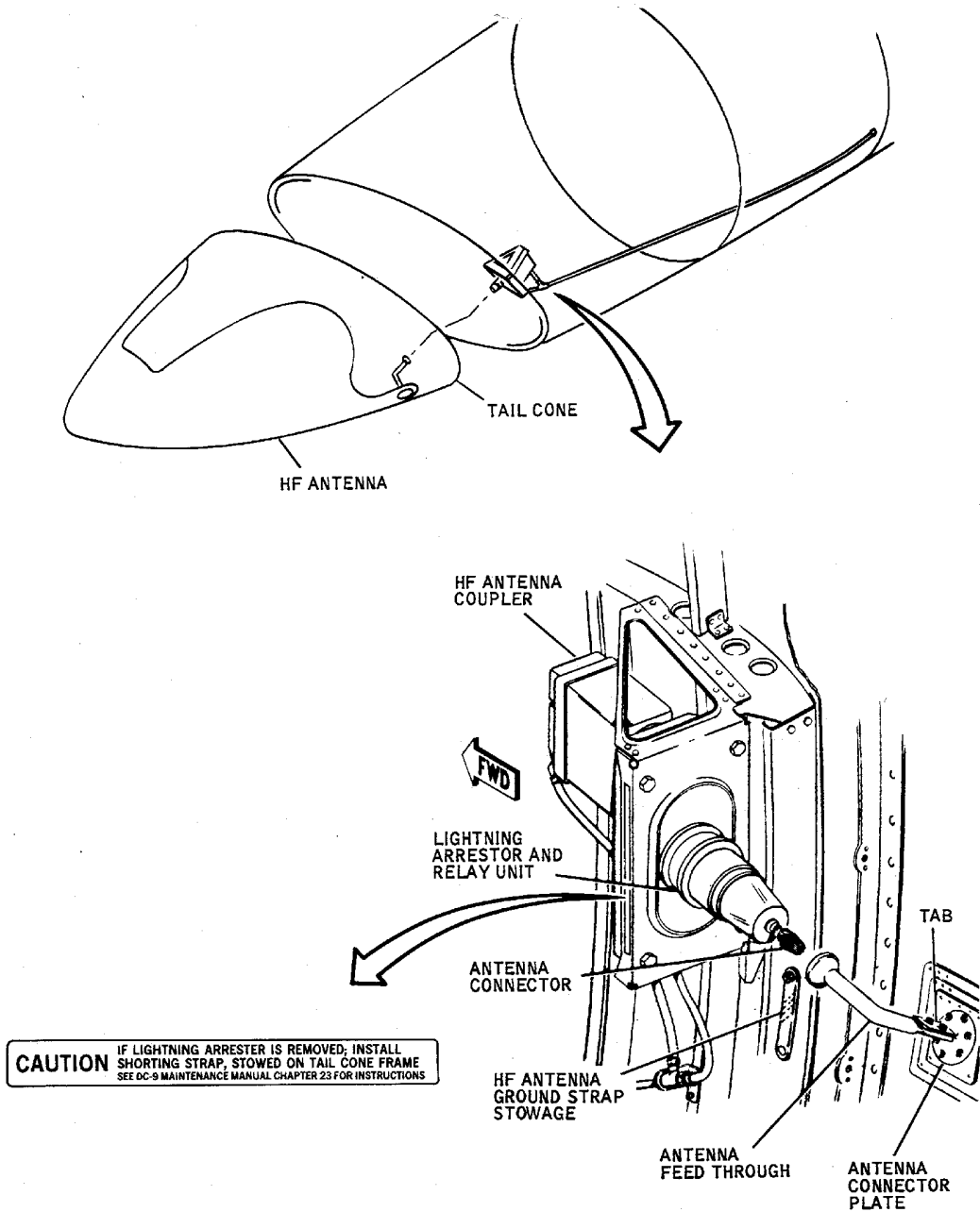


TP-80MM-WJE

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MD-80 AIRCRAFT MAINTENANCE MANUAL



BBB2-11-34

Internal Markings - Tail Cone Compartment
Figure 1/11-32-03-990-801

EFFECTIVITY
WJE ALL

11-32-03

TP-80MM-WJE



**MD-80
AIRCRAFT MAINTENANCE MANUAL**

FORWARD ACCESSORY COMPARTMENT - DESCRIPTION AND OPERATION

1. Forward Accessory Compartment - Internal Marking

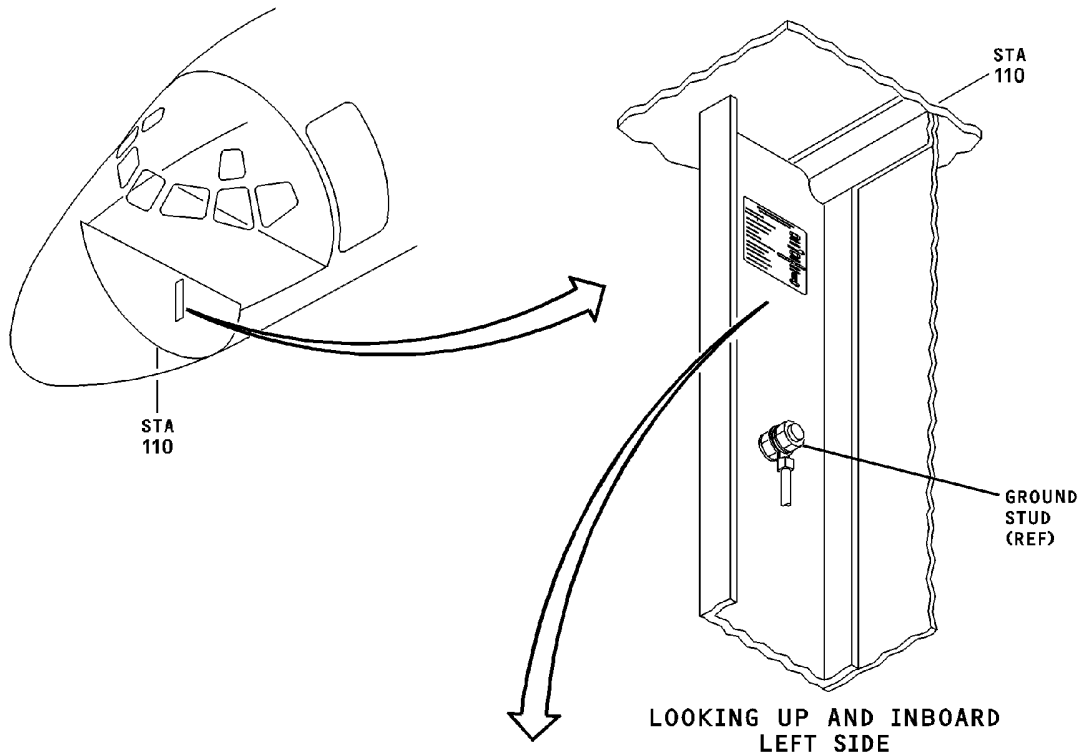
EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-32-04

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AIRCRAFT MAINTENANCE MANUAL**



GROUND TERMINATION CABLE DATA (SEE TORQUE VALUES BELOW)	
AN315-4R NUT (TORQUE TO 65 ± 5 IN-LBS)	
MS35338-44 L'WASHER	
AN960-416L WASHER LUG (REF)	
AN315-4R NUT (TORQUE TO 70 ± 2 IN-LBS)	
AN960-416L WASHER	
STRUCTURE (REF)	
AN960-416L WASHER	
MS35338-44 L'WASHER	
NAS428-4-11 BOLT	

CAG(IGDS)

BBB2-11-847

**Internal Marking - Forward Accessory Compartment
Figure 1/11-32-04-990-801**

EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-32-04

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

CARGO COMPARTMENTS - DESCRIPTION AND OPERATION

1. Cargo Compartments - Internal Markings

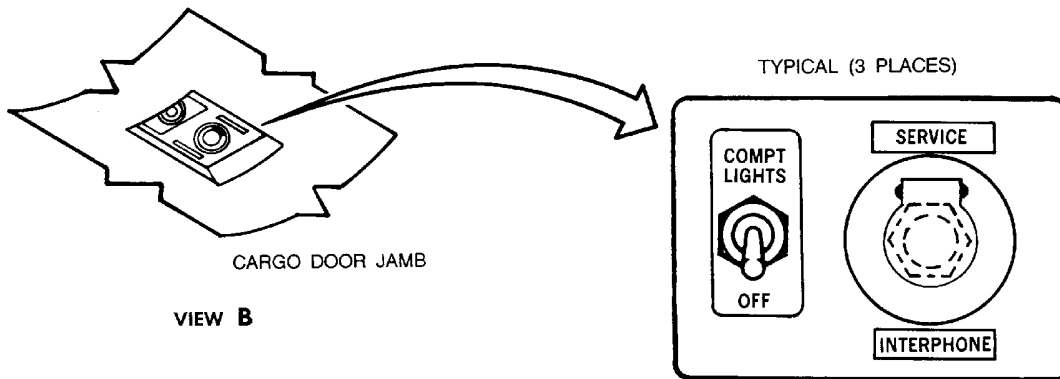
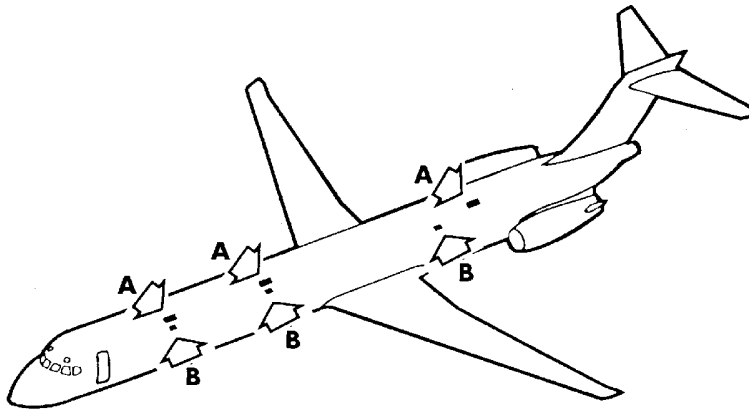
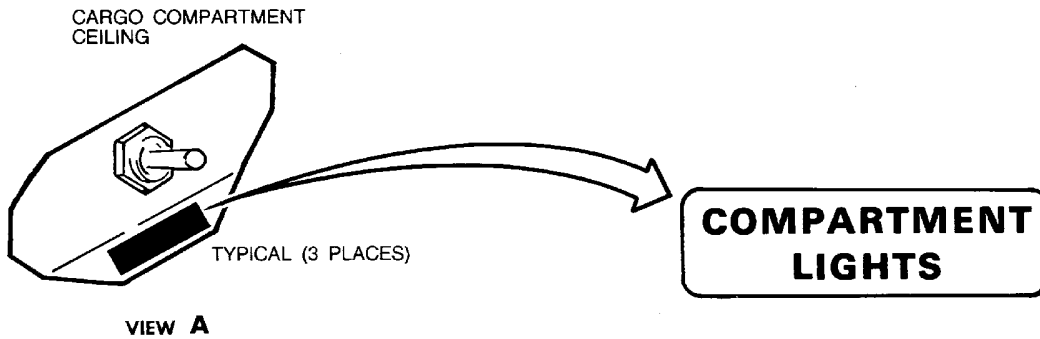
EFFECTIVITY
WJE ALL

TP-80MM-WJE

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AIRCRAFT MAINTENANCE MANUAL**



BBB2-11-631

Internal Markings - Cargo Compartments
Figure 1/11-33-01-990-801 (Sheet 1 of 5)

EFFECTIVITY

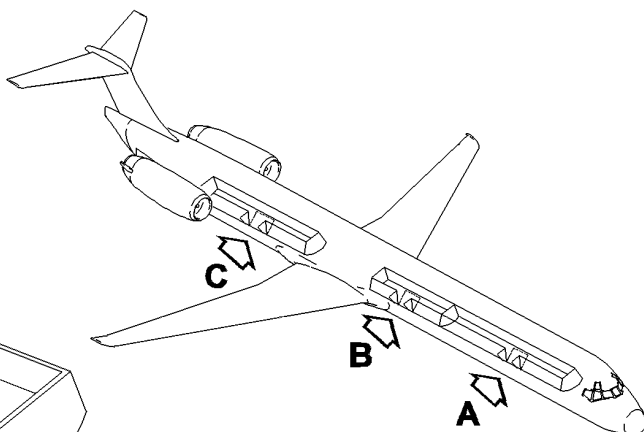
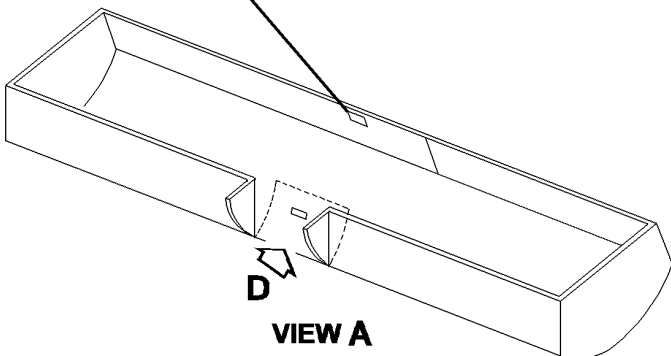
WJE 401-411, 415-427, 429, 861-866, 868, 869,
871-881, 883, 884, 886, 887, 891-893

TP-80MM-WJE

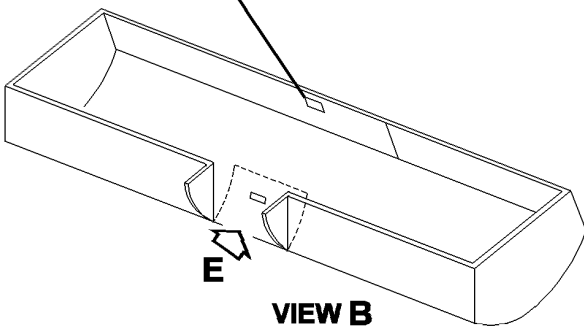
11-33-01

**MD-80
AIRCRAFT MAINTENANCE MANUAL**

▲*MAXIMUM CAPACITY
6,960 LBS / 3,157 KG
SEE INFORMATION
ON BARRIER DOOR.



▲*MAXIMUM CAPACITY
6,920 LBS / 3,139 KG
SEE INFORMATION
ON BARRIER DOOR.



** CARGO COMPARTMENT LOADING

STA. 218 - 786.5
CAP. 12,150 LBS / 5,511 KG
MAX. LOADING 150 LBS/SQ. FT / 732 KG/SQ. M.
24.0 LBS/IN / 10.89 KG/IN (STA 218 - 541)

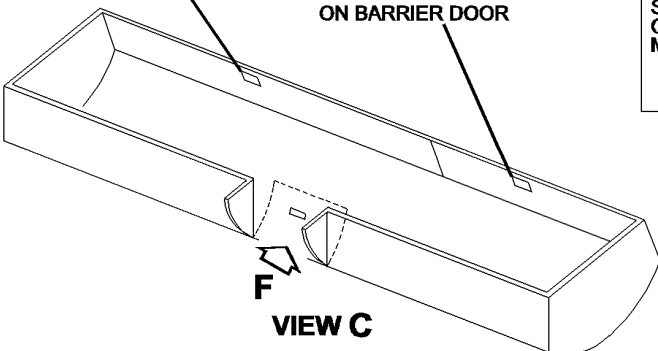
VIEW D ▲

** CARGO COMPARTMENT LOADING

STA. 218 - 786.5
CAP. 12,150 LBS / 5,511 KG
MAX. LOADING 150 LBS/SQ. FT / 732 KG/SQ. M.
32.0 LBS/IN / 14.52 KG/IN (STA 541 - 786.5)

VIEW E ▲

▲*MAXIMUM CAPACITY
3,105 LBS / 1,408 KG
SEE INFORMATION
ON BARRIER DOOR



▲*MAXIMUM CAPACITY
4,720 LBS / 2,141 KG
SEE INFORMATION
ON BARRIER DOOR

** CARGO COMPARTMENT LOADING

STA. 1007 - 1320
CAP. 6645 LBS / 3,014 KG
MAX. LOADING 150 LBS/SQ. FT / 732 KG/SQ. M.
32.00 LBS/IN / 14.52 KG/IN (STA 1007 - 1155)
22.50 LBS/IN / 10.21 KG/IN (STA 1155 - 1320)

VIEW F ▲

NOTE: *STENCILS ARE 2 in. (50.8 mm) HIGH
**STENCILS ARE 1/2 in. (12.7 mm) HIGH

▲ MARKINGS REQUIRED BY
GOVERNMENT REGULATION.

BBB2-11-431A
S0006523486V2

**Internal Markings - Cargo Compartments
Figure 1/11-33-01-990-801 (Sheet 2 of 5)**

EFFECTIVITY

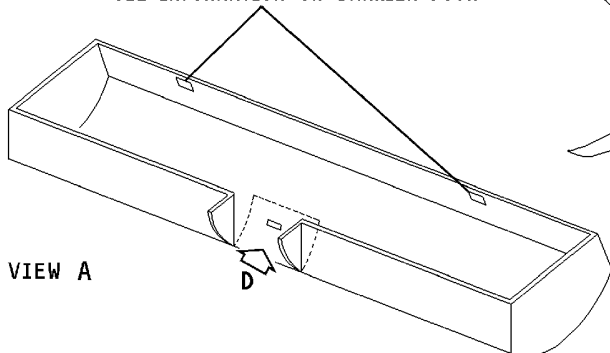
WJE 407, 408, 411, 415-427, 429, 863-866, 868, 869,
871, 872, 875-880, 891

11-33-01

MD-80 AIRCRAFT MAINTENANCE MANUAL

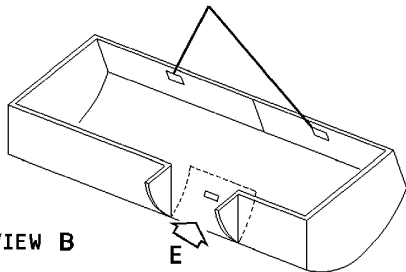
NOTE: *STENCILS ARE 2 INCHES (50.8mm) HIGH
**STENCILS ARE 1/2 INCH (12.7mm) HIGH

▲*MAXIMUM CAPACITY 6510 LBS/2953 KG
SEE INFORMATION ON BARRIER DOOR



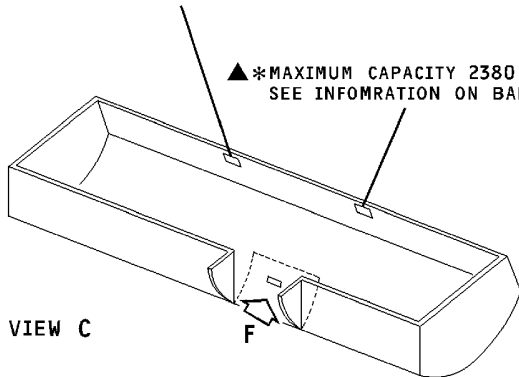
VIEW A

▲*MAXIMUM CAPACITY 5060 LBS/2300 KG
SEE INFORMATION ON BARRIER DOOR



VIEW B

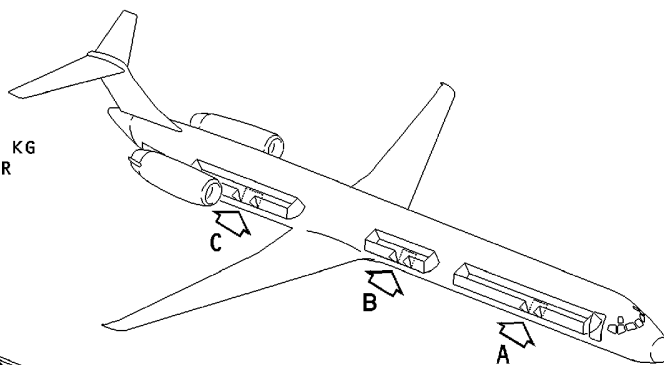
▲*MAXIMUM CAPACITY 3105 LBS/1408 KG
SEE INFORMATION ON BARRIER DOOR



VIEW C

CAG(IGDS)

▲*MAXIMUM CAPACITY 2380 LBS/1080 KG
SEE INFORMATION ON BARRIER DOOR



▲ MARKINGS REQUIRED BY GOVERNMENT REGULATION

****CARGO COMPARTMENT LOADING BETWEEN**

STA.	218 TO 522
COMBINED CAPACITY OF FORWARD AND CENTER COMPARTMENT NOT TO EXCEED.	600 TO 786.5
MAX. LOADING	10,305 LBS/4674 KG
	150 LBS/SQ FT/732 KG/SQ M
	24.00 LBS/IN/10.89 KG/IN (STA. 218 TO 522)
	32.00 LBS/IN/14.52 KG/IN (STA. 600 TO 786.5)

VIEW D ▲

****CARGO COMPARTMENT LOADING BETWEEN**

STA.	218 TO 522
COMBINED CAPACITY OF FORWARD AND CENTER COMPARTMENT NOT TO EXCEED.	600 TO 786.5
MAX. LOADING	10,305 LBS/4674 KG
	150 LBS/SQ FT/732 KG/SQ M
	24.00 LBS/IN/10.89 KG/IN (STA. 218 TO 522)
	32.00 LBS/IN/14.52 KG/IN (STA. 600 TO 786.5)

VIEW E ▲

****CARGO COMPARTMENT LOADING**

STA.	1081 TO 1320
CAP.	4890 LBS/2218 KG
MAX. LOADING	150 LBS/SQ FT/732 KG/SQ M
	32.00 LBS/IN/14.52 KG/IN (STA. 1081 TO 1155)
	22.50 LBS/IN/10.21 KG/IN (STA. 1155 TO 1320)

VIEW F ▲

BBB2-11-649A

Internal Markings - Cargo Compartments Figure 1/11-33-01-990-801 (Sheet 3 of 5)

EFFECTIVITY
WJE 401-404, 861, 862, 873, 874, 892, 893

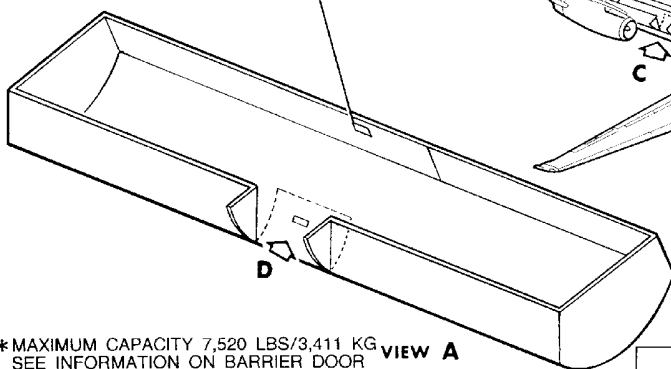
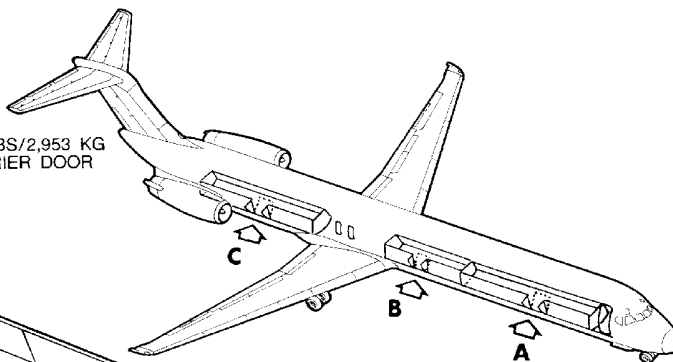
TP-80MM-WJE

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MD-80 AIRCRAFT MAINTENANCE MANUAL

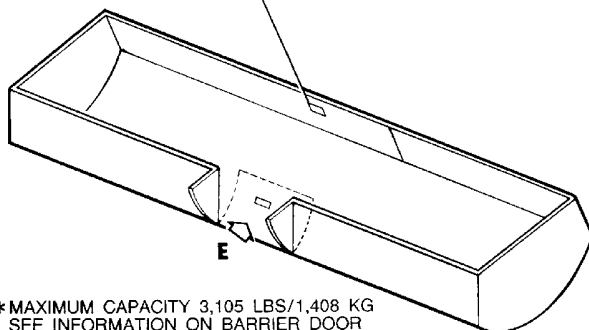
- NOTE:**
 * STENCILS ARE 2 INCH (50.8MM) HIGH BLACK LETTERS
 ** STENCILS ARE 1/2 INCH (12.7MM) HIGH BLACK LETTERS

▲ MAXIMUM CAPACITY 6,510 LBS/2,953 KG
 * SEE INFORMATION ON BARRIER DOOR



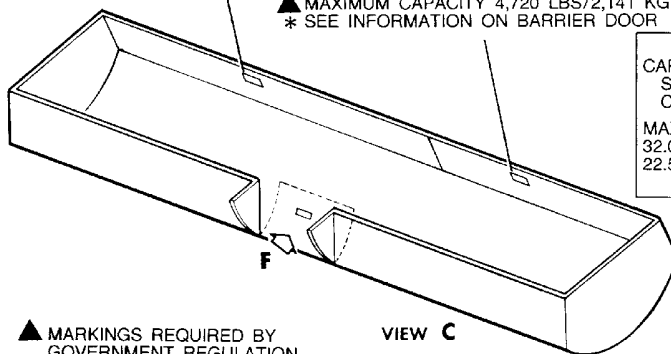
* MAXIMUM CAPACITY 7,520 LBS/3,411 KG
 SEE INFORMATION ON BARRIER DOOR

▲ VIEW A



* MAXIMUM CAPACITY 3,105 LBS/1,408 KG
 SEE INFORMATION ON BARRIER DOOR

▲ VIEW B



▲ MAXIMUM CAPACITY 4,720 LBS/2,141 KG
 * SEE INFORMATION ON BARRIER DOOR

VIEW C

▲ MARKINGS REQUIRED BY GOVERNMENT REGULATION.

CARGO COMPARTMENT LOADING BETWEEN
 STA. 218 TO 786.5
 CAP. 12,150 LBS/5,511 KG
 MAXIMUM LOADING 150 LBS/SQ FT/732 KG/SQ M
 24.00 LBS/IN/10.89 KG/IN (STA. 218 TO 522)
 32.00 LBS/IN/14.52 KG/IN (STA. 522 TO 786.5)

VIEW D ▲ **

CARGO COMPARTMENT LOADING BETWEEN
 STA. 218 TO 786.5
 CAP. 12,150 LBS/5,511 KG
 MAXIMUM LOADING 150 LBS/SQ FT/732 KG/SQ M
 24.00 LBS/IN/10.89 KG/IN (STA. 218 TO 522)
 32.00 LBS/IN/14.52 KG/IN (STA. 522 TO 786.5)

VIEW E ▲ **

CARGO COMPARTMENT LOADING BETWEEN
 STA. 1007 TO 1320
 CAP. 6,645 LBS/3,014 KG
 MAXIMUM LOADING 150 LBS/SQ FT/732 KG/SQ M
 32.00 LBS/IN/14.52 KG/IN (STA. 1007 TO 1155)
 22.50 LBS/IN/10.21 KG/IN (STA. 1155 TO 1320)

VIEW F ▲ **

BBB2-11-661

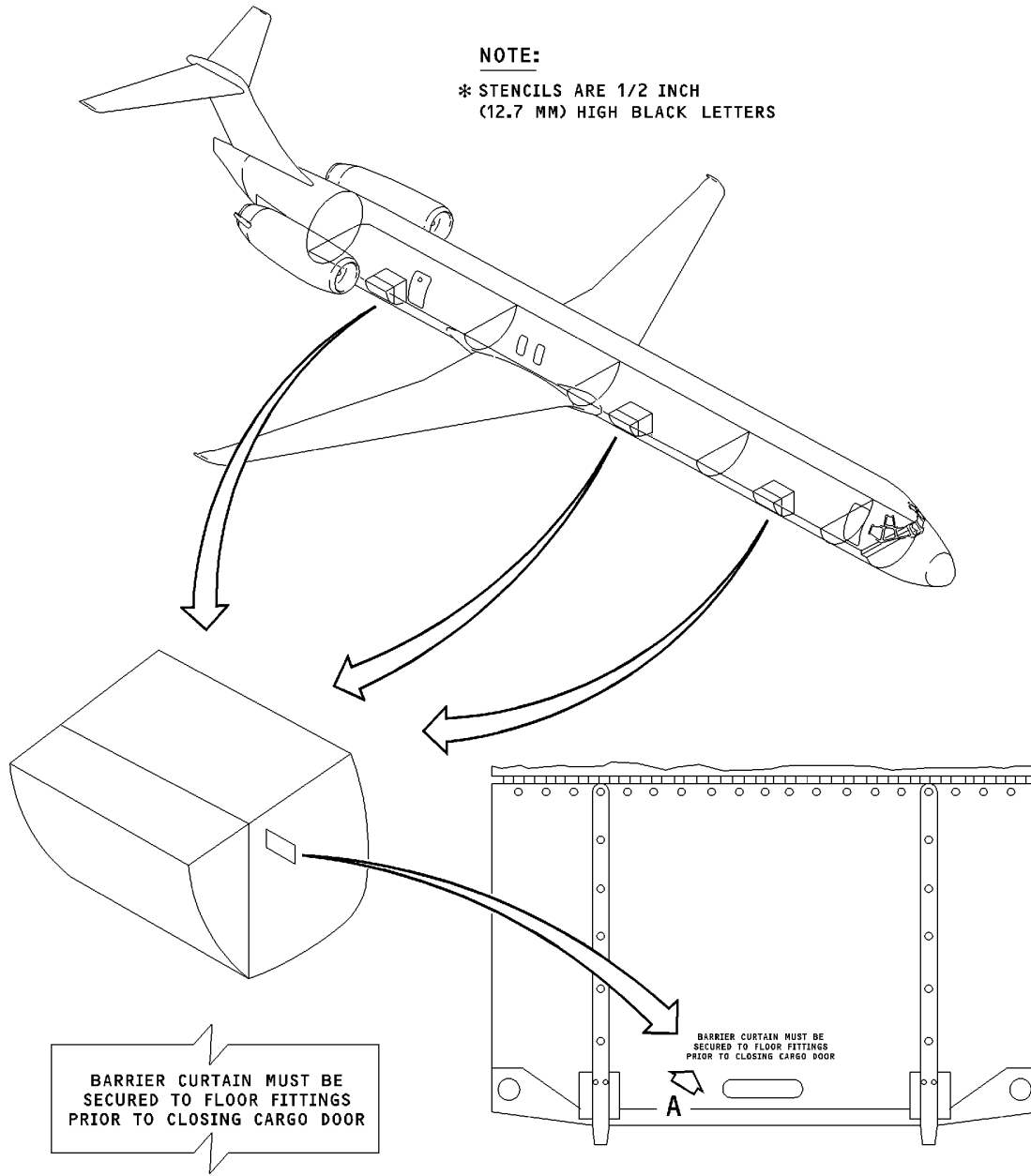
Internal Markings - Cargo Compartments
Figure 1/11-33-01-990-801 (Sheet 4 of 5)

EFFECTIVITY
 WJE 886, 887

TP-80MM-WJE

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AIRCRAFT MAINTENANCE MANUAL**



CAG(IGDS)

BBB2-11-783

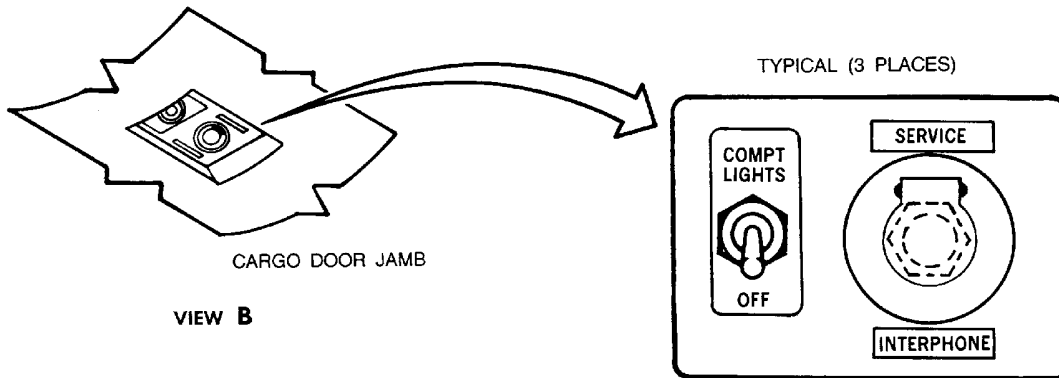
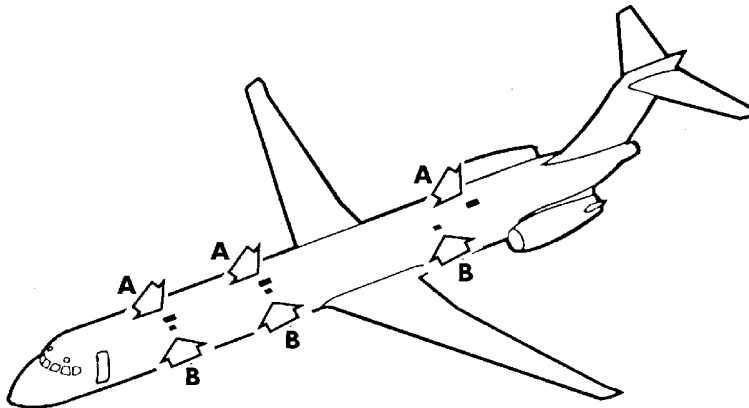
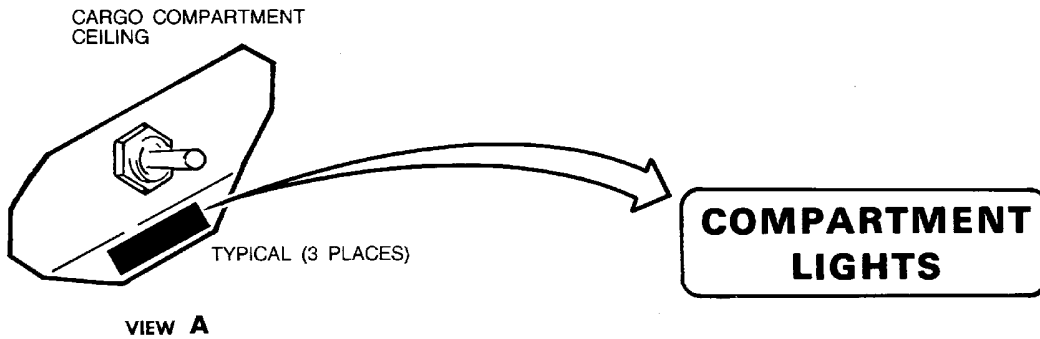
**Internal Markings - Cargo Compartments
Figure 1/11-33-01-990-801 (Sheet 5 of 5)**

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

TP-80MM-WJE

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AIRCRAFT MAINTENANCE MANUAL**



BBB2-11-631

**Internal Markings - Cargo Compartments
Figure 2/11-33-01-990-803 (Sheet 1 of 4)**

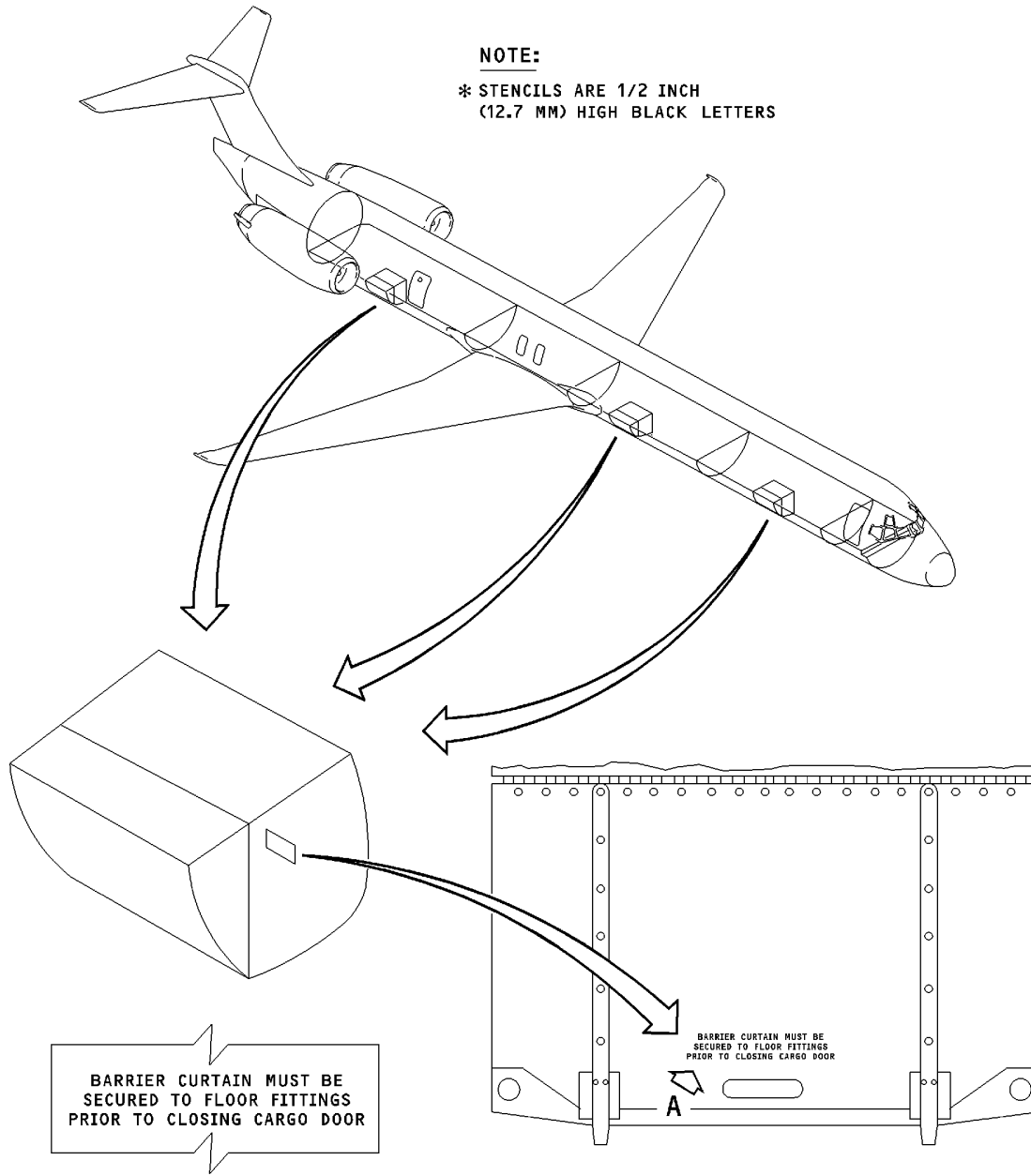
EFFECTIVITY
WJE 412, 414

TP-80MM-WJE

11-33-01

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AIRCRAFT MAINTENANCE MANUAL**



NOTE:

* STENCILS ARE 1/2 INCH
(12.7 MM) HIGH BLACK LETTERS

BARRIER CURTAIN MUST BE
SECURED TO FLOOR FITTINGS
PRIOR TO CLOSING CARGO DOOR

VIEW A *
(TYPICAL FOR FORWARD,
MID, AND AFT CARGO
COMPARTMENT DOOR)

NOTE:

APPLICABLE TO AIRCRAFT WITH
SB 25-356 INCORPORATED OR
AIRCRAFT 2151 AND SUBS

CAG(IGDS)

BBB2-11-783

**Internal Markings - Cargo Compartments
Figure 2/11-33-01-990-803 (Sheet 4 of 4)**

EFFECTIVITY
WJE 412, 414

TP-80MM-WJE

11-33-01

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INTERNAL MARKINGS - MAINTENANCE PRACTICES

WJE

WJE **1. General**

WJE A. The maintenance practices in this section provide the installation of the Tamper-Evident Seals. The
WJE Tamper-Evident Seals are installed across the seam opposite of the panel hinge at the location
WJE listed below:

- WJE • 1. Forward Cabin Drop Ceiling Panel.
- WJE • 2. Aft Cabin Drop Ceiling Panel location between lavatories.
- WJE • 3. Aft Modular Lavatory Ceiling Panel located between lavatories.
- WJE • 4. Aft Service Door Ceiling Panel.
- WJE • 5. LH Lavatory Ceiling Panel located in Forward LH Lavatory.
- WJE • 6. LH Lavatory Ceiling Service Panel located in Aft LH Lavatory.
- WJE • 7. RH Lavatory Ceiling Service Panel.
- WJE • 8. Forward LH Lavatory Toilet Shroud.
- WJE • 9. Aft LH Lavatory Toilet Shroud.
- WJE • 10. Aft RH Lavatory Toilet Shroud.

WJE **2. Equipment and Materials**

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

Table 201

Name and Number	Manufacturer
Isopropyl alcohol DPM 530	

WJE
WJE
WJE

WJE
WJE

WJE **3. Tamper-Evident Seal Installation**

- WJE A. Search the Enclosed Area
- WJE (1) Search the area enclosed by the panel prior to installing a new Tamper-Evident Seal. If
WJE suspicious, dangerous, or potentially deadly item is found, contact both local law enforcement
WJE and TSA Federal Security Director or designee.

WJE B. Install Tamper-Evident Seal

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

- WJE • GAS/AIR MIXTURES MORE THAN THE LOWER EXPLOSIVE LIMIT (LEL) CAN
WJE CAUSE AN EXPLOSION IF HIGH HEAT, SPARKS, OR FLAMES SUPPLY
WJE 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
WJE CLOTHES.
- WJE • DO NOT BREATHE THE GAS.

EFFECTIVITY
WJE 412, 414

11-34-00

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WJE (WARNING PRECEDES)

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

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

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

- WJE (1) Clean area where seal will be installed with isopropyl alcohol.
- WJE (2) Install one seal, S17236 TEVISEC DR P/N 0359 by adhering it to the panel and adjacent panel
WJE across the seam opposite the panel hinge.
- WJE (3) Press firmly over entire area of security seal to ensure adhesion.

EFFECTIVITY
WJE 412, 414

TP-80MM-WJE

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AIRCRAFT MAINTENANCE MANUAL**

PASSENGER DOORS -DESCRIPTION AND OPERATION

1. Passenger Doors - Interior Markings

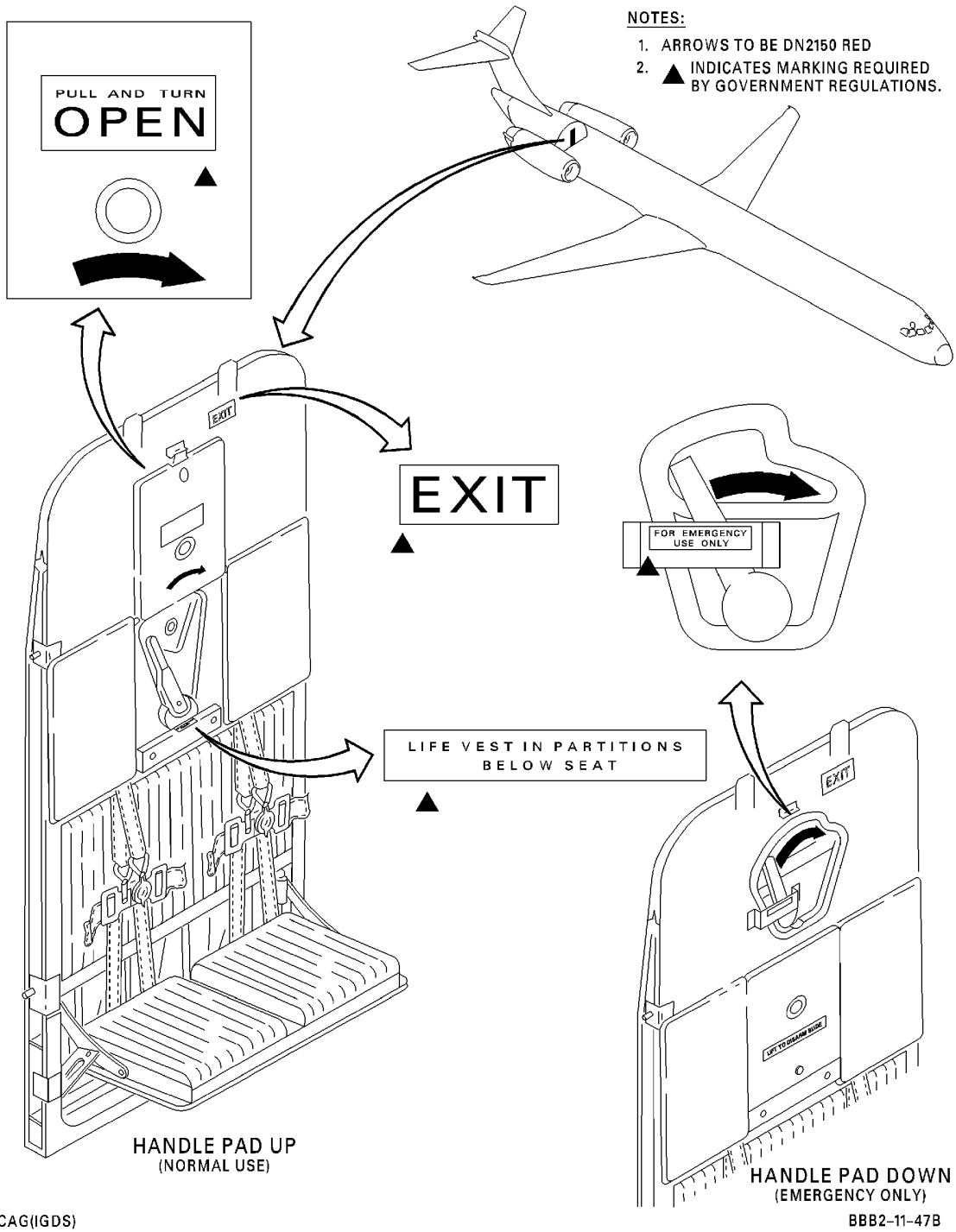
EFFECTIVITY
WJE 422, 425, 427, 868, 875-879

TP-80MM-WJE

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**Interior Markings - AFT Passenger Door
Figure 1/11-34-01-990-803 (Sheet 1 of 2)**

EFFECTIVITY
WJE 422, 425, 427, 868

TP-80MM-WJE

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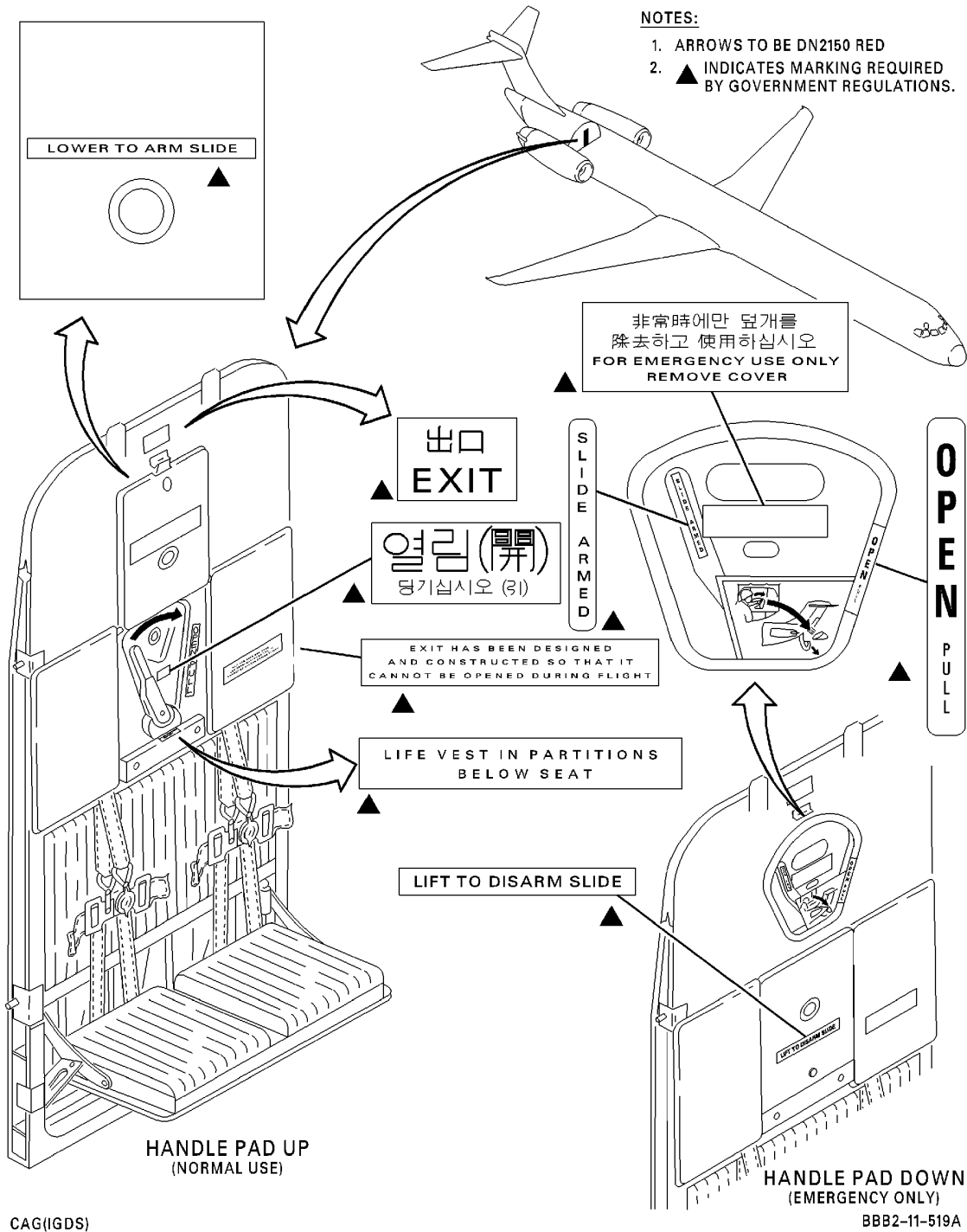
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Interior Markings - AFT Passenger Door
Figure 1/11-34-01-990-803 (Sheet 2 of 2)

EFFECTIVITY
WJE 875-879; 101-102 with SB 52-148/152 incorp.
and 104-204

TP-80MM-WJE

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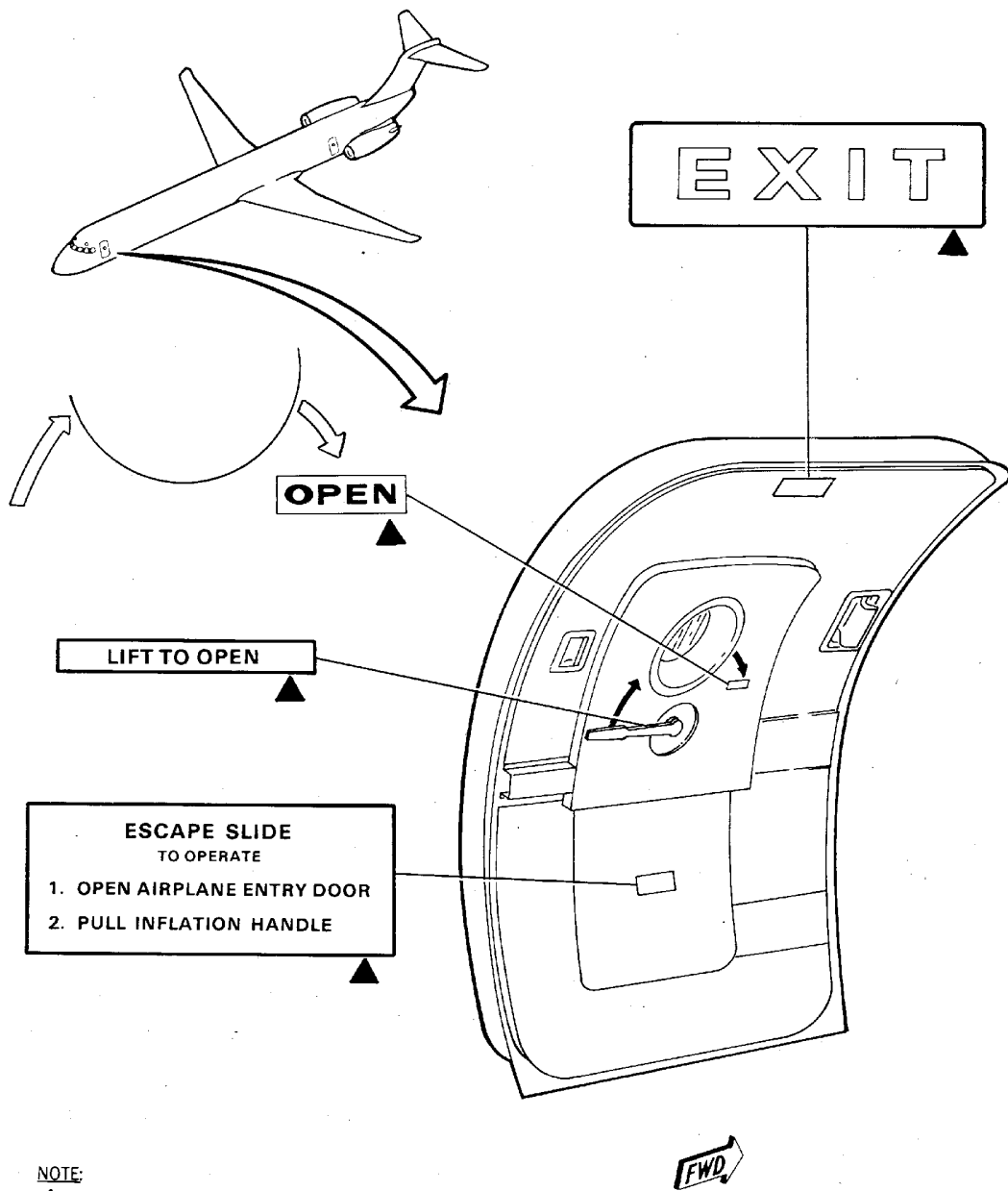
11-34-01

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BBB2-11-60

Interior Markings - Forward Passenger Door
Figure 2/11-34-01-990-804 (Sheet 1 of 2)

EFFECTIVITY
WJE 422, 425, 427, 868

TP-80MM-WJE

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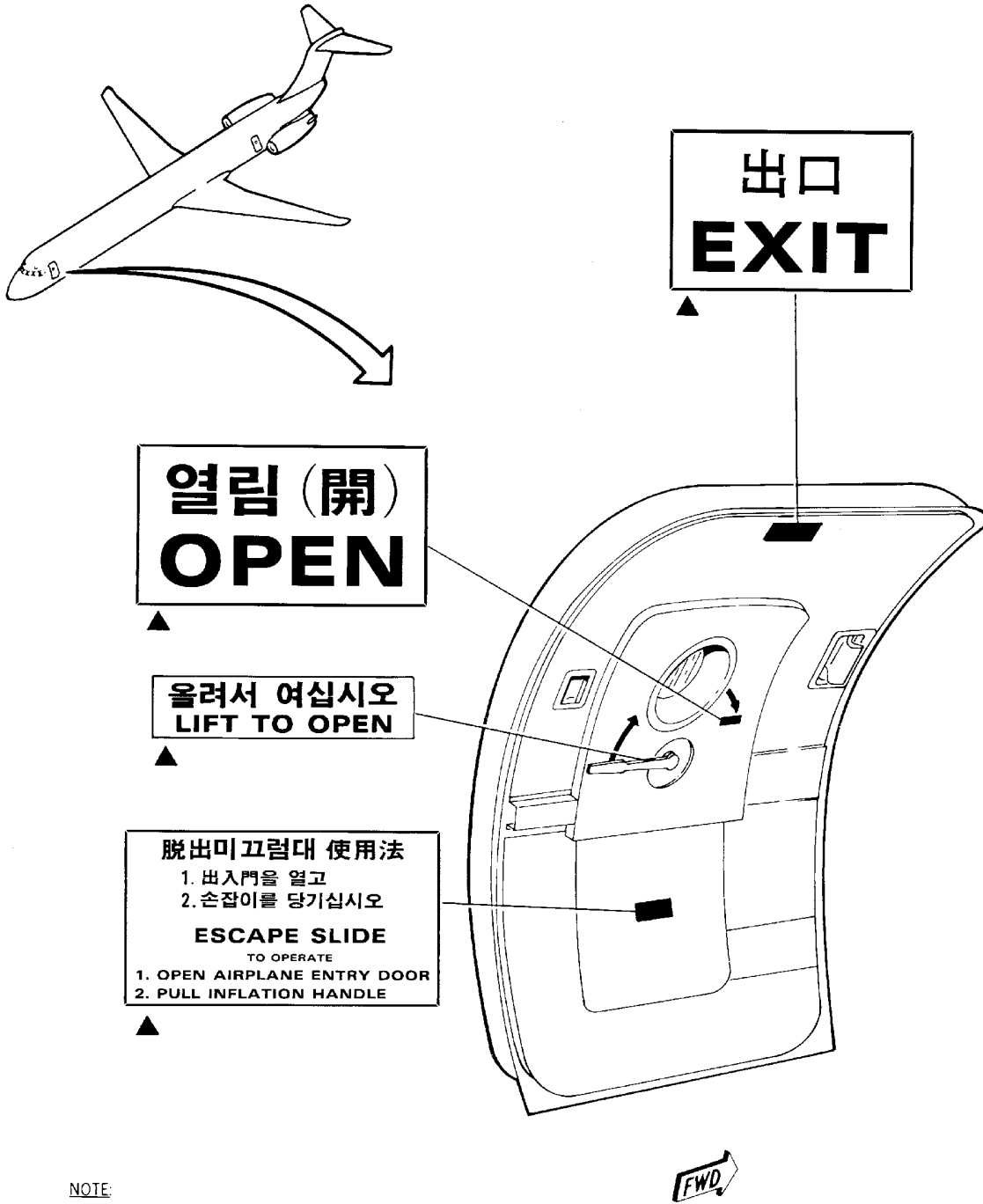
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NOTE:
▲ INDICATES MARKINGS REQUIRED BY GOVERNMENT REGULATIONS

BBB2-11-503

Interior Markings - Forward Passenger Door
Figure 2/11-34-01-990-804 (Sheet 2 of 2)

EFFECTIVITY
WJE 875-879; 101-102 with SB 52-148/152 incorp.
and 104-204

TP-80MM-WJE

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PASSENGER DOORS - DESCRIPTION AND OPERATION

1. Passenger Doors - Interior Markings

EFFECTIVITY

**WJE 401-412, 414-421, 423, 424, 426, 429, 861-866,
869, 871-874, 880, 881, 883, 884, 886, 887, 891-893**

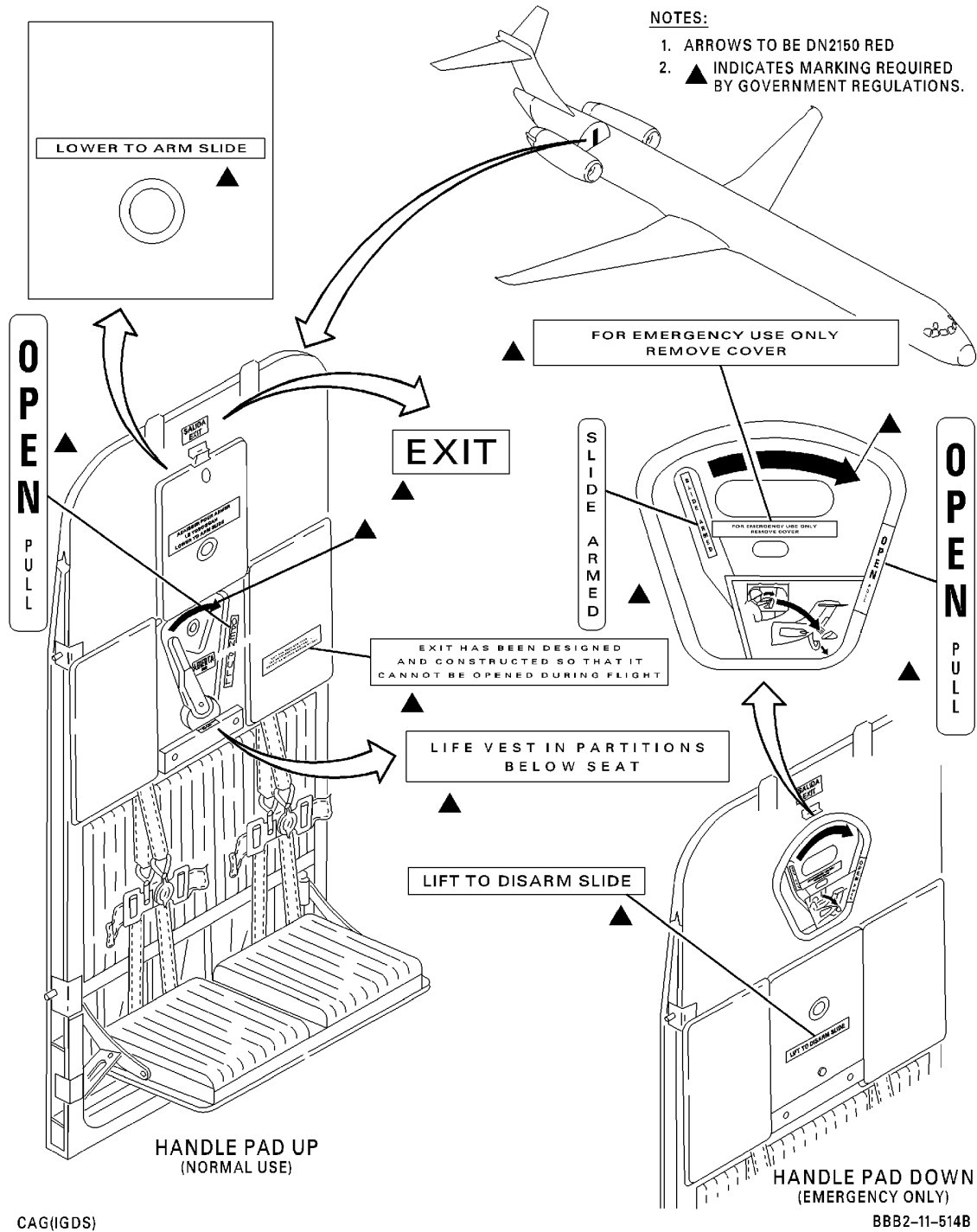
TP-80MM-WJE

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**Interior Markings - Aft Passenger Door
Figure 1/11-34-01-990-805**

EFFECTIVITY
WJE 405-411, 415-421, 423, 424, 426, 429, 861-866, 869, 871-874, 880, 881, 883, 884, 886, 887, 891, 892

TP-80MM-WJE

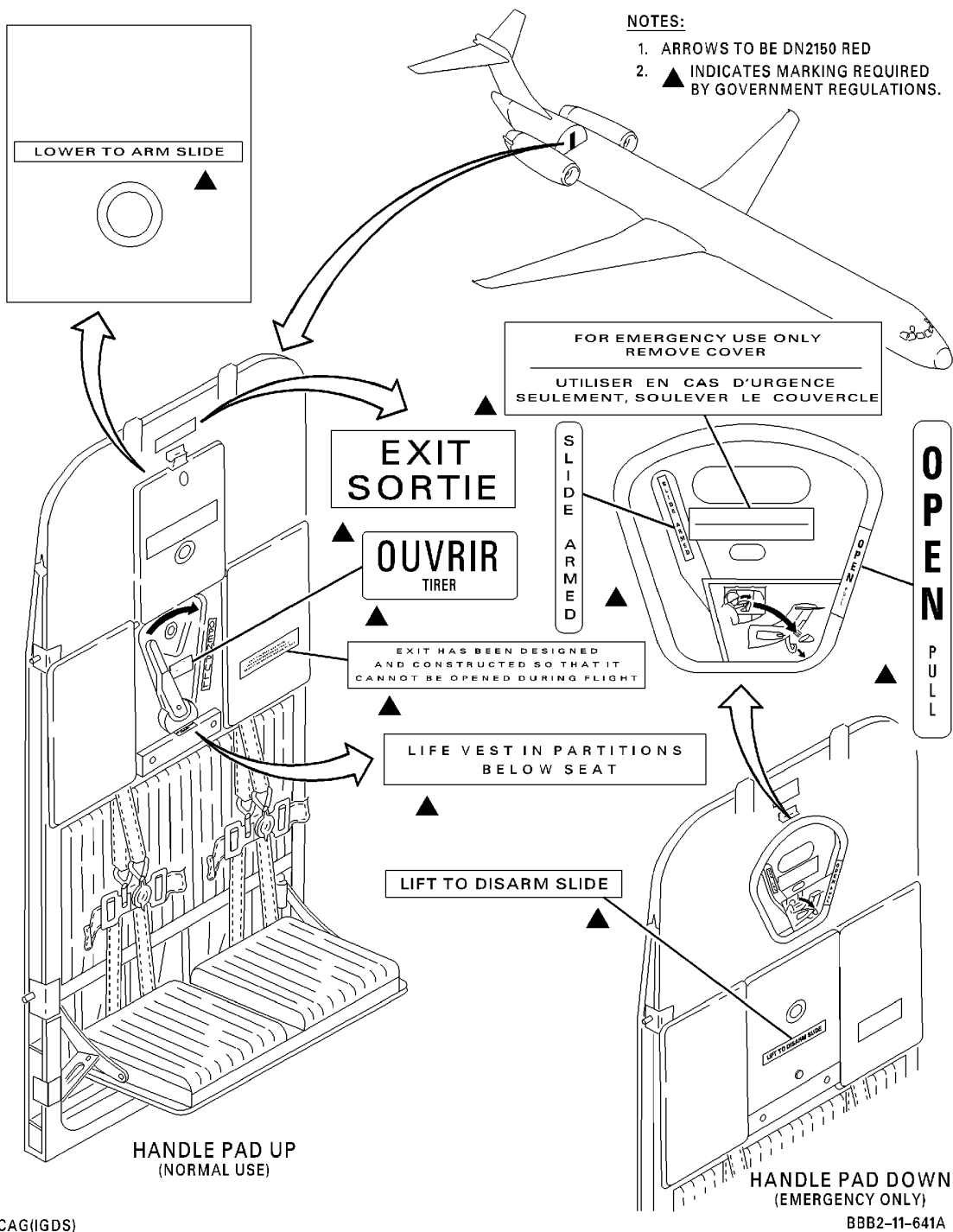
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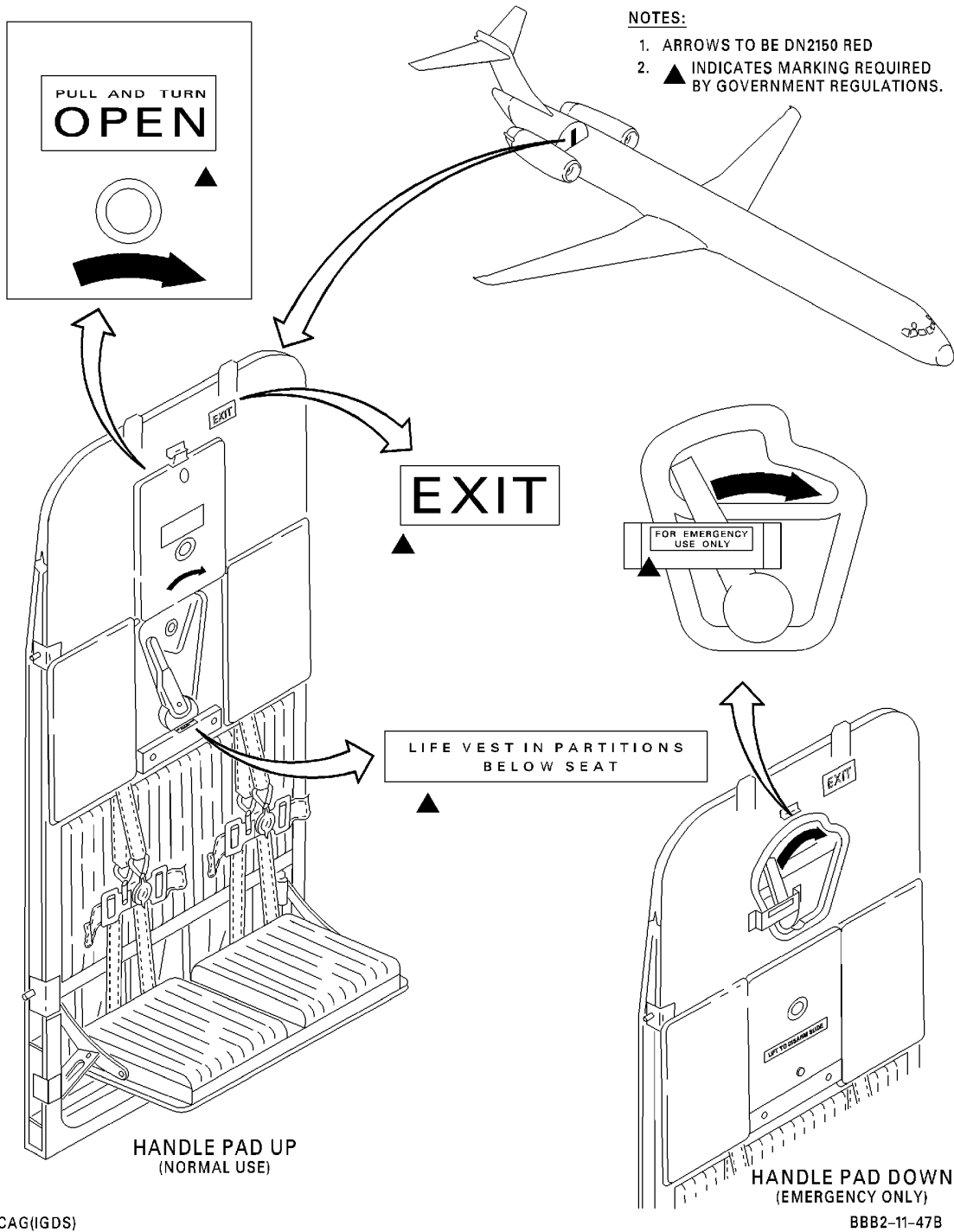


**Interior Markings - Aft Passenger Door
Figure 2/11-34-01-990-810**

EFFECTIVITY
WJE 401-404, 412, 414

TP-80MM-WJE

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**Interior Markings - Aft Passenger Door
Figure 3/11-34-01-990-815**

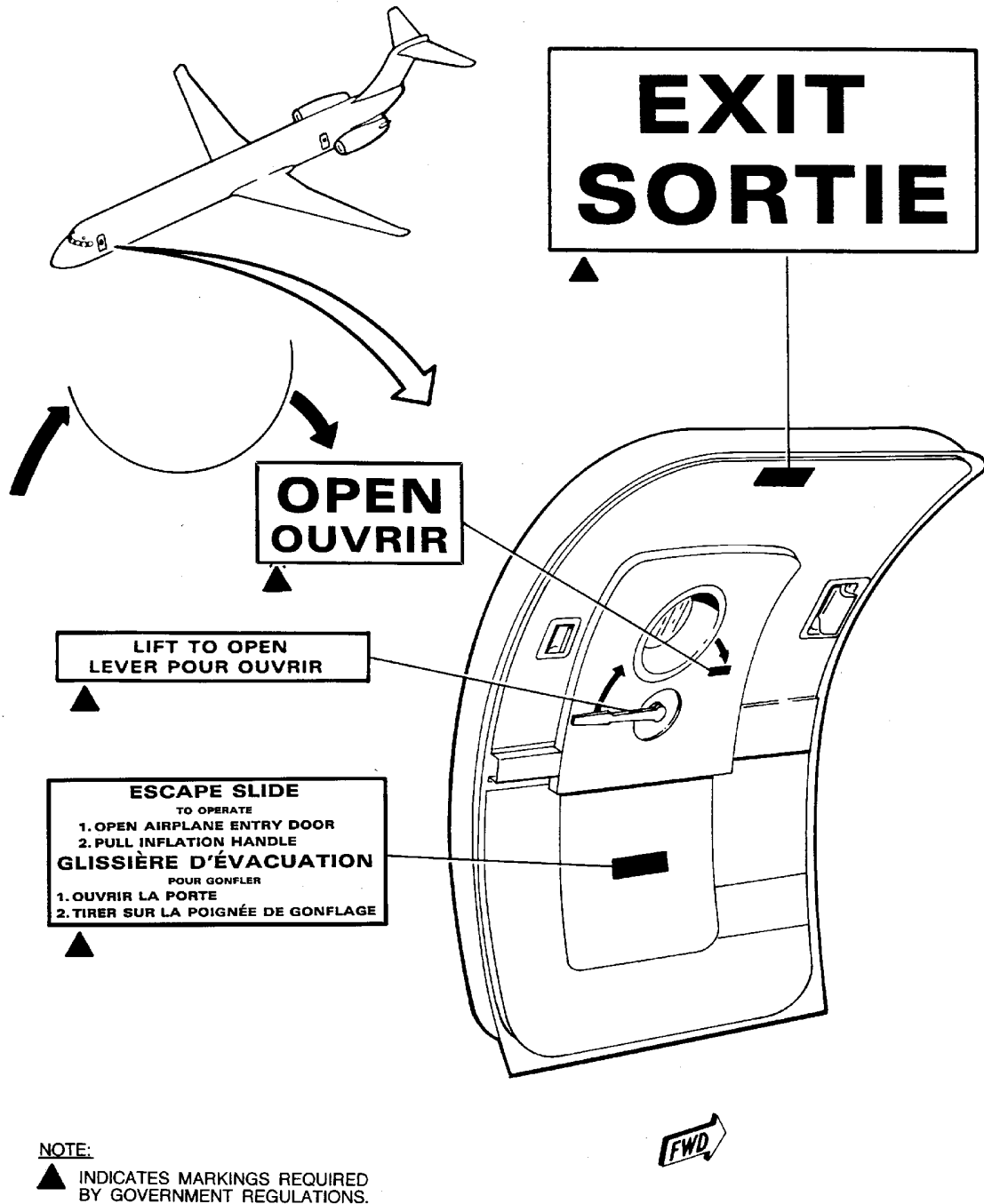
EFFECTIVITY
WJE 873, 874, 892, 893

TP-80MM-WJE

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BBB2-11-648

**Interior Markings - Forward Passenger Door
Figure 4/11-34-01-990-818**

EFFECTIVITY
WJE 401-404, 412, 414

TP-80MM-WJE

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SERVICE ENTRANCE DOORS - DESCRIPTION AND OPERATION

1. Interior Markings - Service Entrance Doors

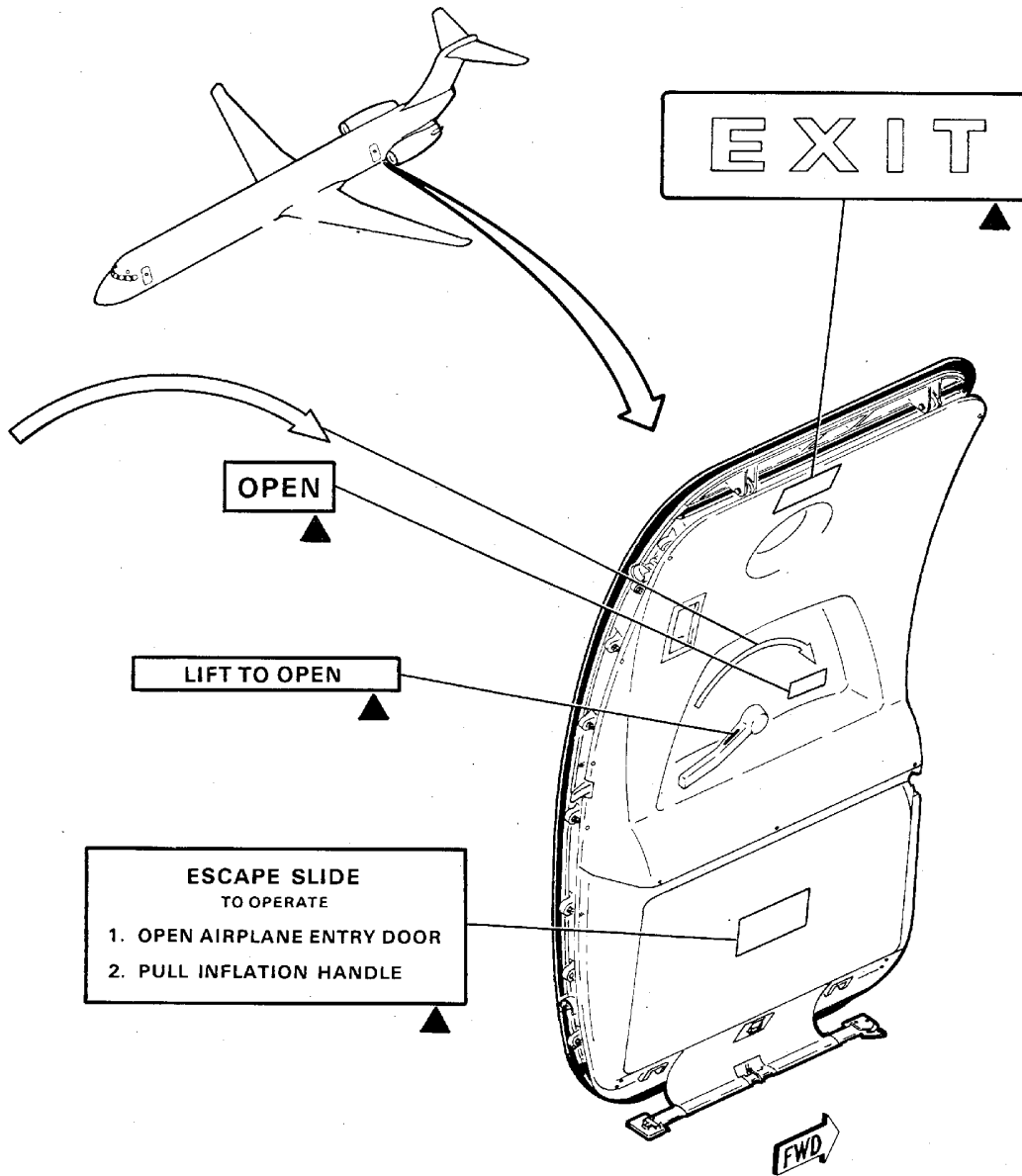
EFFECTIVITY
WJE ALL

TP-80MM-WJE

11-34-02

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NOTE:
▲ INDICATES MARKINGS REQUIRED BY GOVERNMENT REGULATIONS

BBB2-11-44

Interior Markings - Service Entrance Doors (Aft)
Figure 1/11-34-02-990-801 (Sheet 1 of 9)

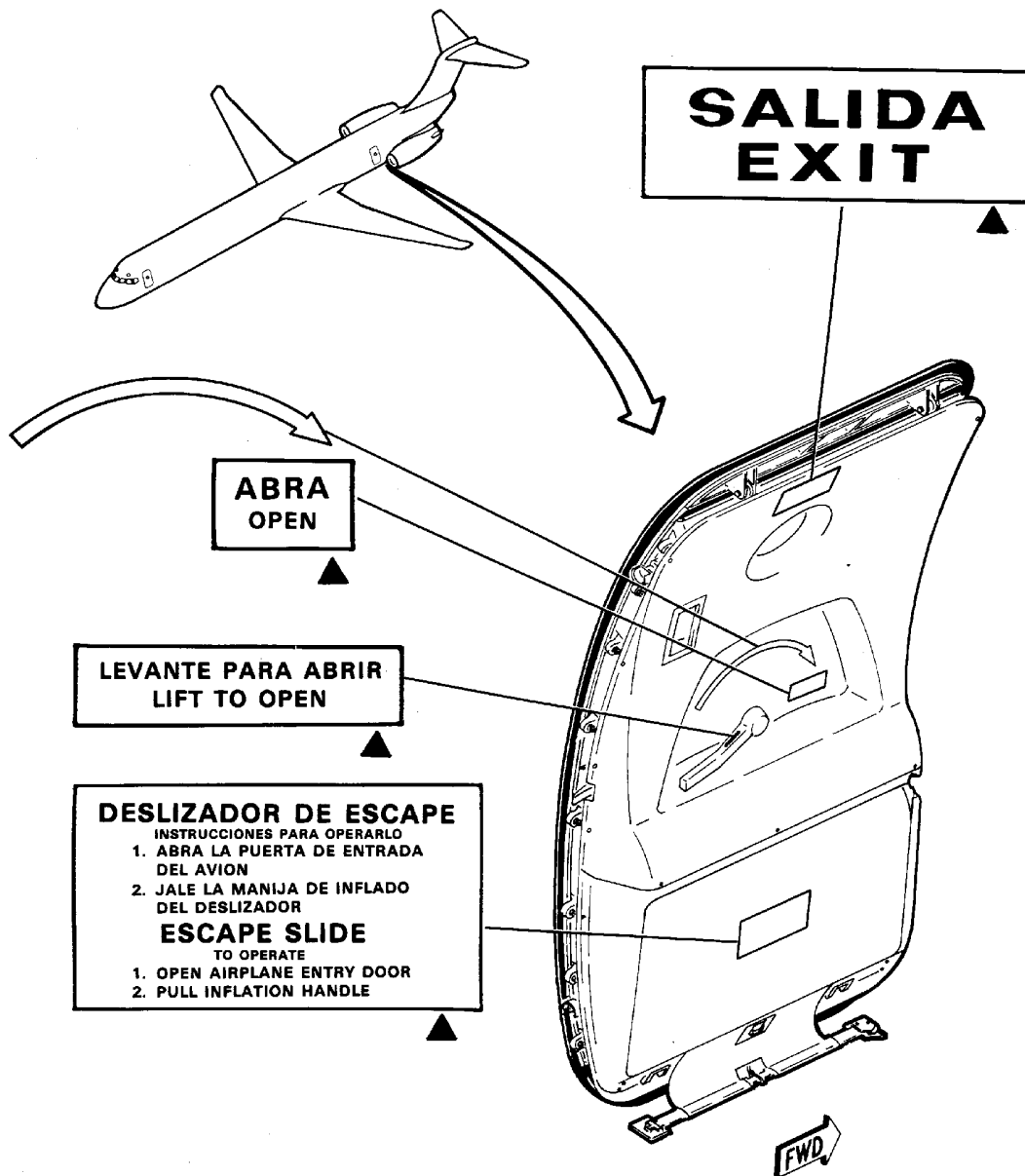
EFFECTIVITY
WJE 873, 874, 892

11-34-02

TP-80MM-WJE

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AIRCRAFT MAINTENANCE MANUAL**



NOTE:

▲ INDICATES MARKINGS REQUIRED BY GOVERNMENT REGULATIONS

BBB2-11-131A

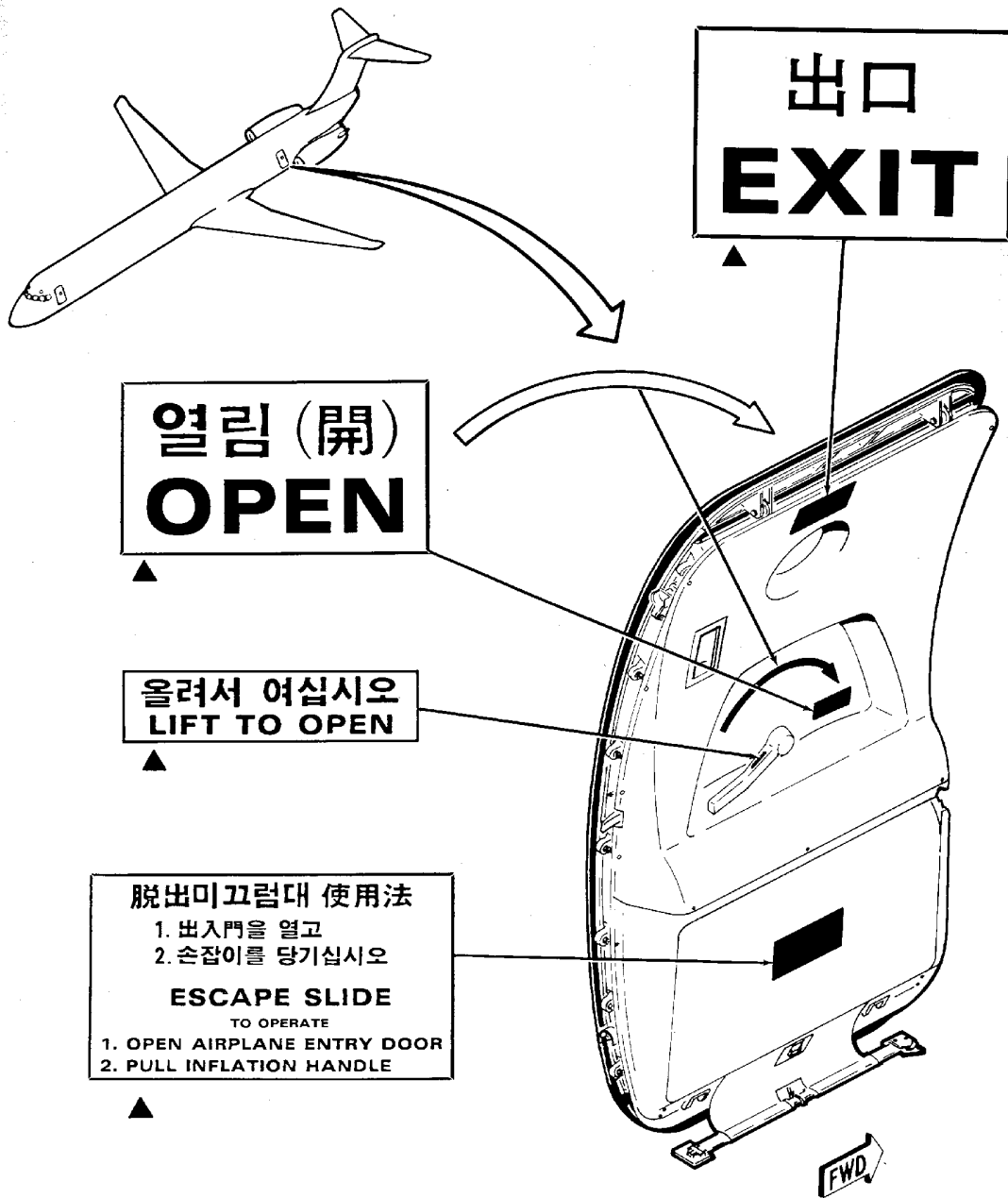
**Interior Markings - Service Entrance Doors (Aft)
Figure 1/11-34-02-990-801 (Sheet 2 of 9)**

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

11-34-02

TP-80MM-WJE

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NOTE:

▲ INDICATES MARKINGS REQUIRED BY GOVERNMENT REGULATIONS

BBB2-11-475

Interior Markings - Service Entrance Doors (Aft)
Figure 1/11-34-02-990-801 (Sheet 3 of 9)

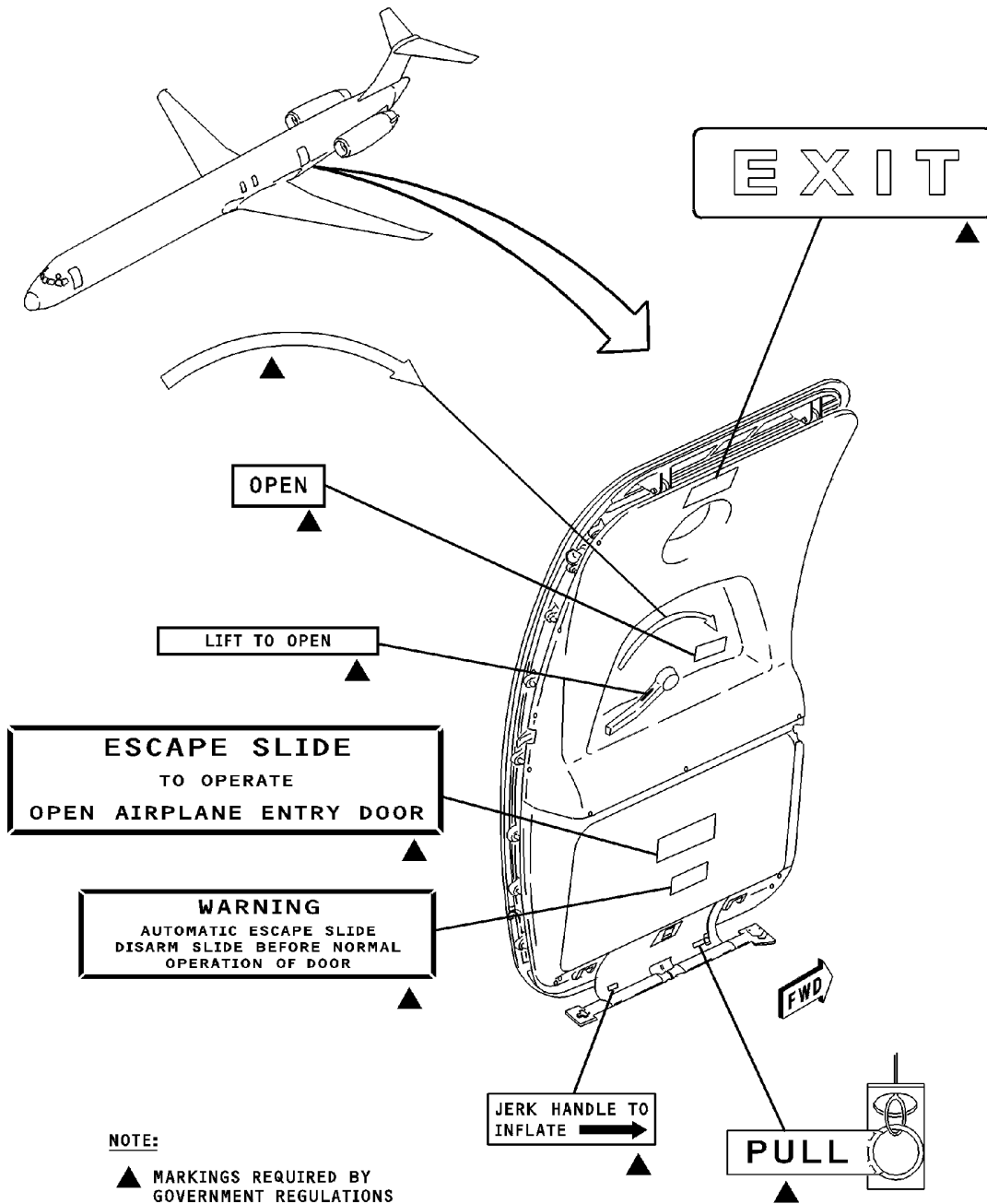
EFFECTIVITY
WJE 875-879

11-34-02

TP-80MM-WJE

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CAG(IGDS)

BBB2-11-564A

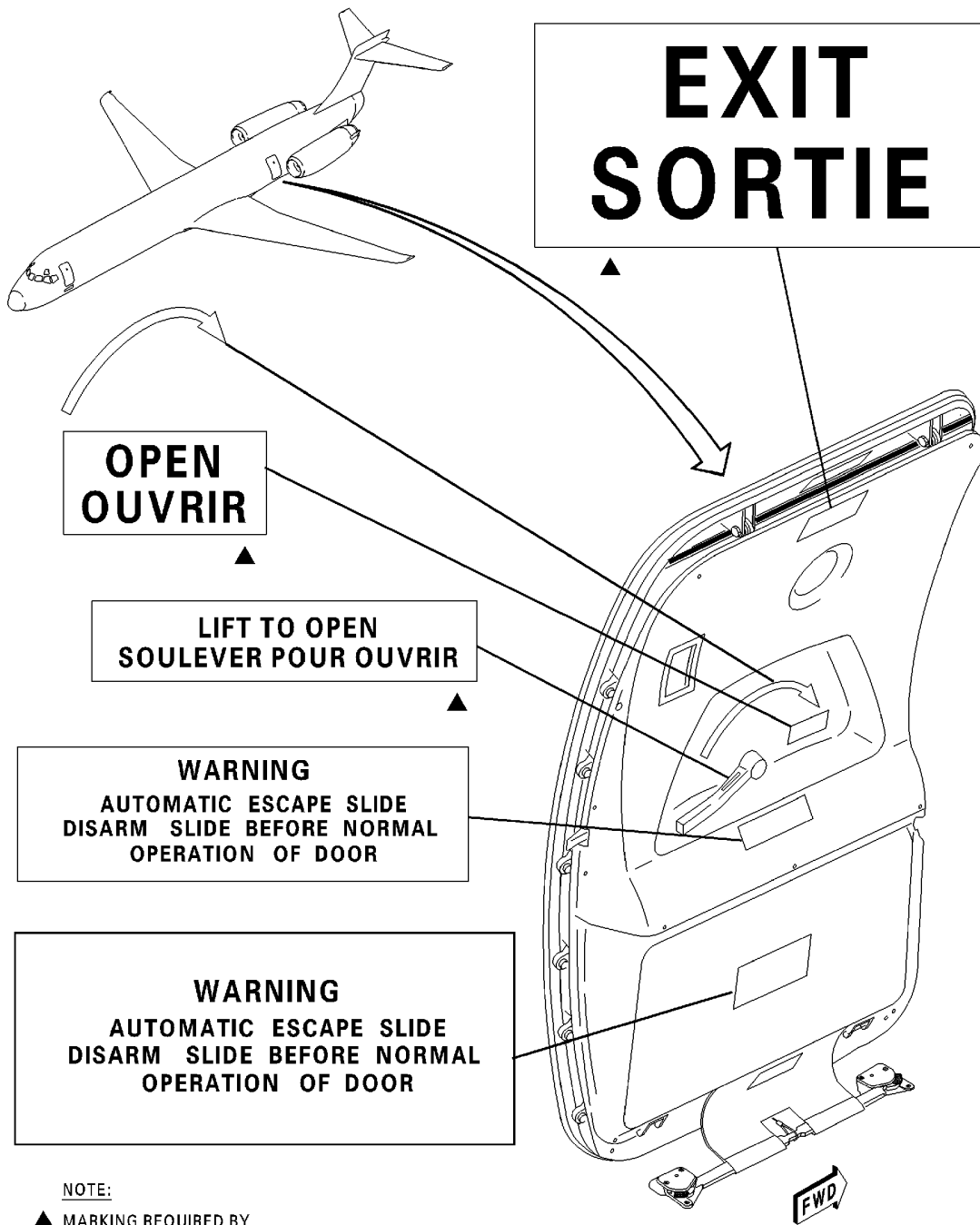
**Interior Markings - Service Entrance Doors (Aft)
Figure 1/11-34-02-990-801 (Sheet 4 of 9)**

EFFECTIVITY
WJE 886, 887

TP-80MM-WJE

11-34-02

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CAG(IGDS)

BBB2-11-642A

**Interior Markings - Service Entrance Doors (Aft)
Figure 1/11-34-02-990-801 (Sheet 5 of 9)**

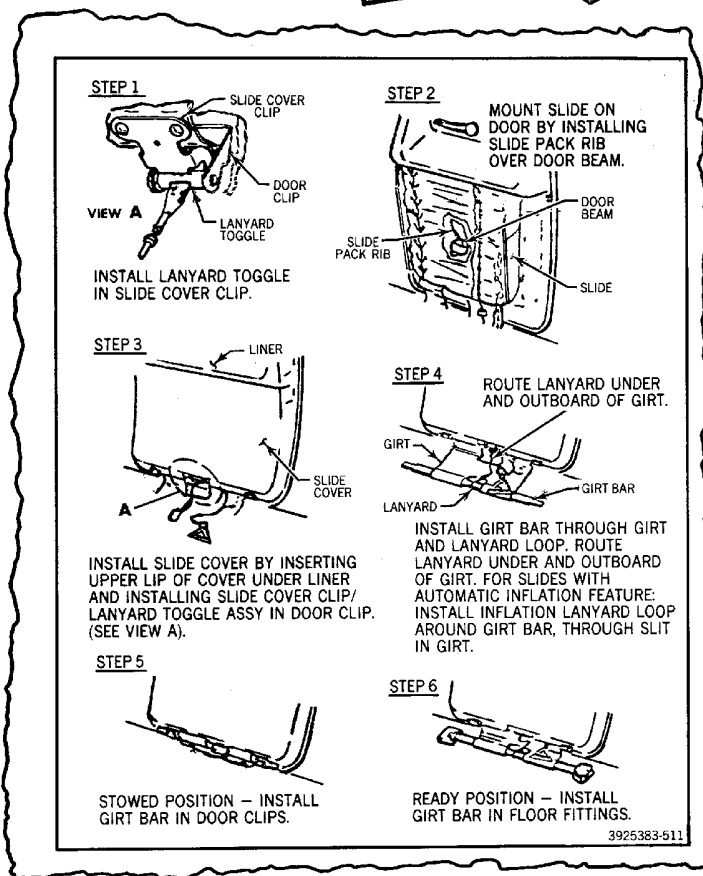
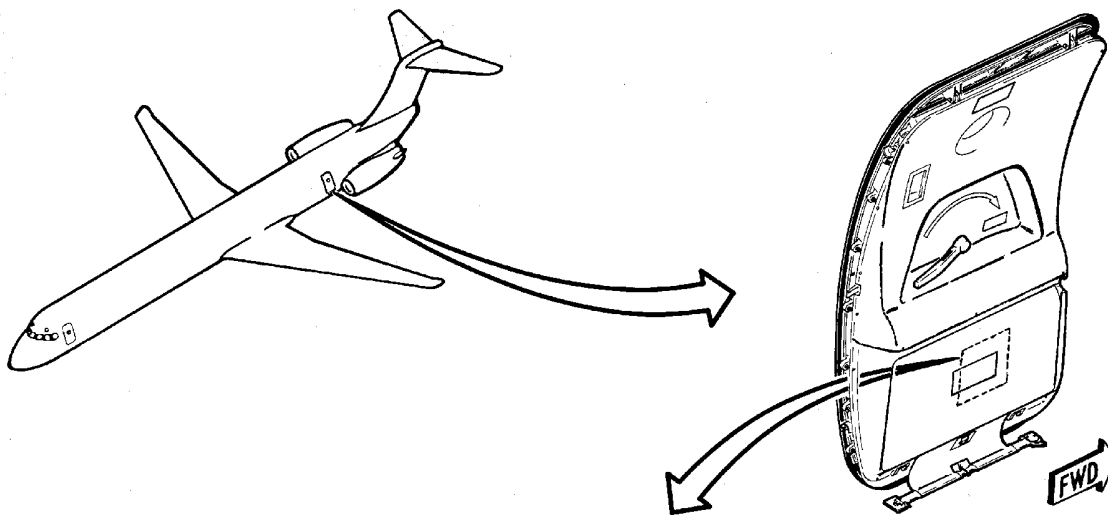
EFFECTIVITY
WJE 401-404, 412, 414

11-34-02

TP-80MM-WJE

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BBB2-11-107B

**Interior Markings - Service Entrance Doors (Aft)
Figure 1/11-34-02-990-801 (Sheet 6 of 9)**

EFFECTIVITY

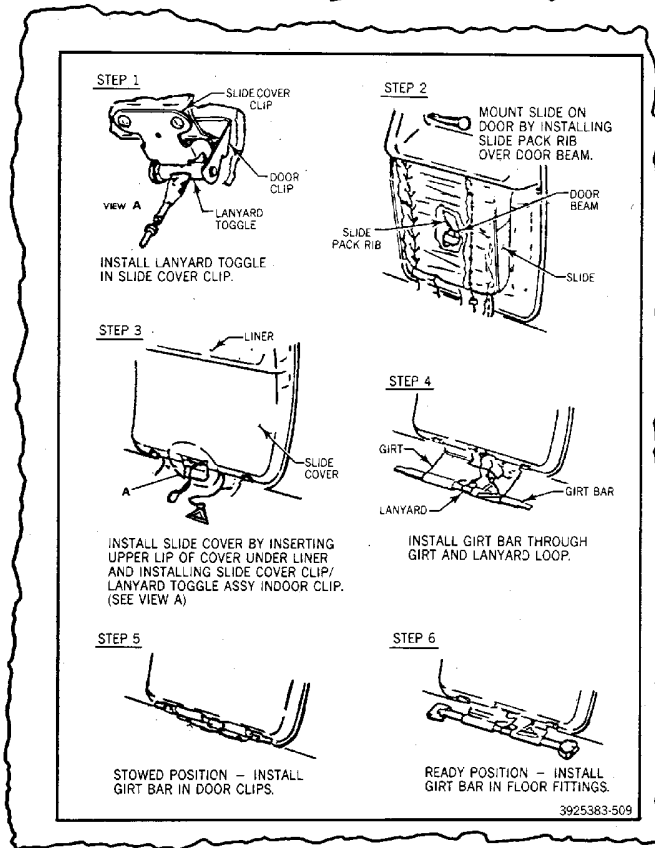
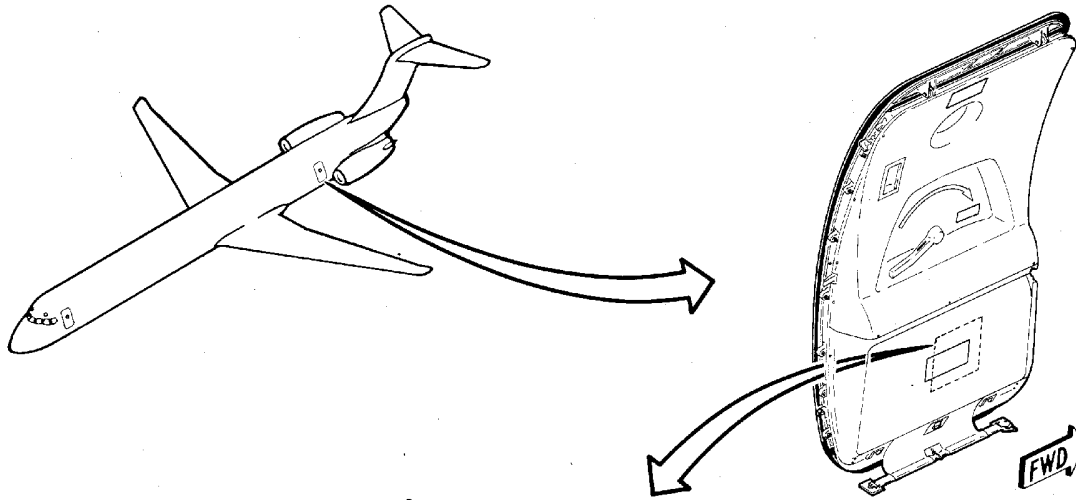
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 875-879, 891

TP-80MM-WJE

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BBB2-11-115

**Interior Markings - Service Entrance Doors (Aft)
Figure 1/11-34-02-990-801 (Sheet 7 of 9)**

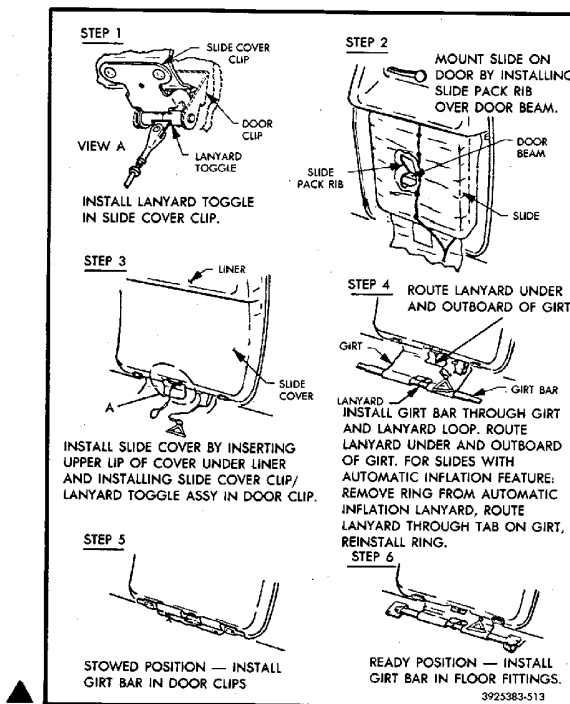
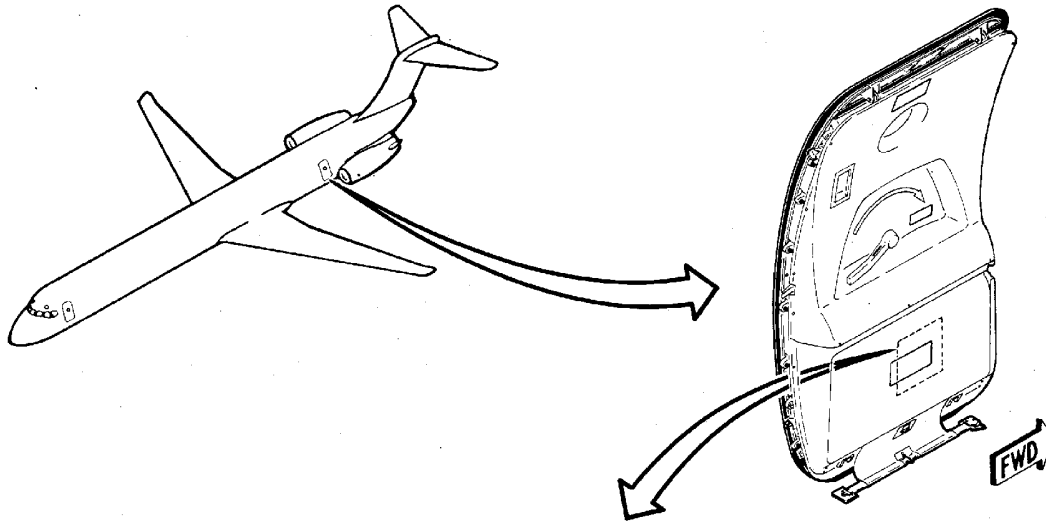
EFFECTIVITY
WJE 405-411, 880, 881, 883, 884

11-34-02

TP-80MM-WJE

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▲ **NOTE:**
INDICATES MARKINGS REQUIRED BY GOVERNMENT REGULATIONS.

BBB2-11-241

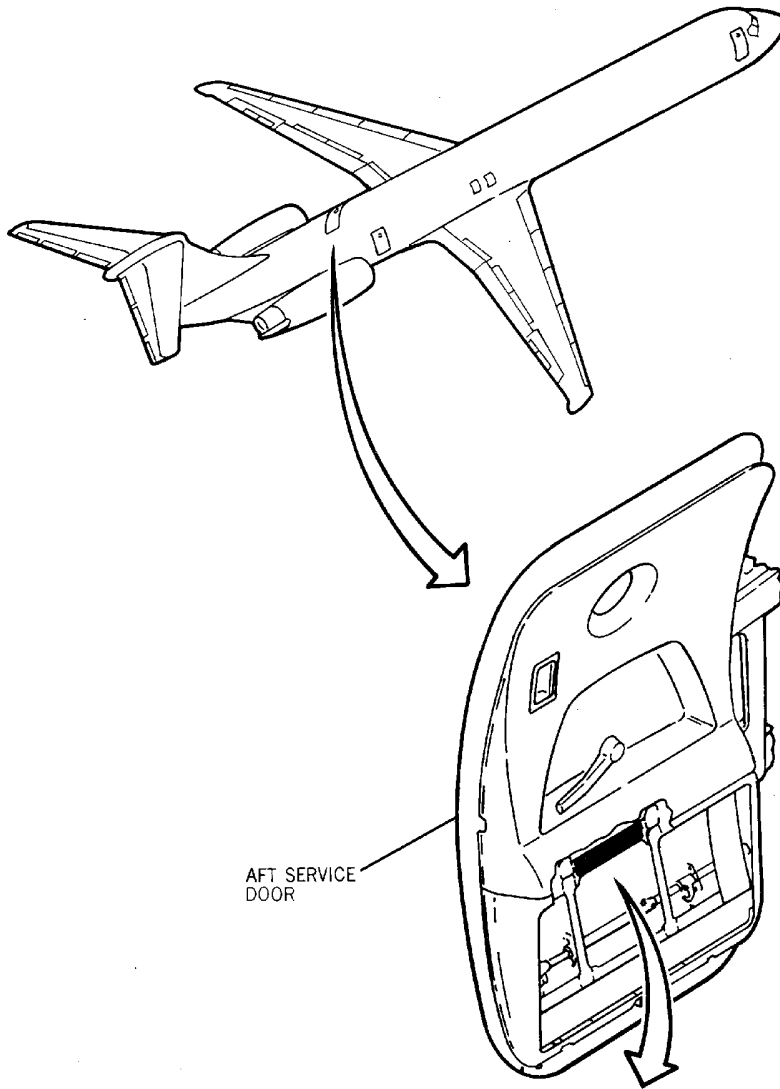
**Interior Markings - Service Entrance Doors (Aft)
Figure 1/11-34-02-990-801 (Sheet 8 of 9)**

EFFECTIVITY
WJE 873, 874, 892, 893

11-34-02

TP-80MM-WJE

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AFT SERVICE
DOOR

CAUTION
EVACUATION SLIDE PART NUMBERS
100502-103/-107/-111/-113 ARE NOT CERTIFIED
FOR USE IN HINGED DOOR LINER

BBB2-11-538

Interior Markings - Service Entrance Doors (Aft)
Figure 1/11-34-02-990-801 (Sheet 9 of 9)

EFFECTIVITY

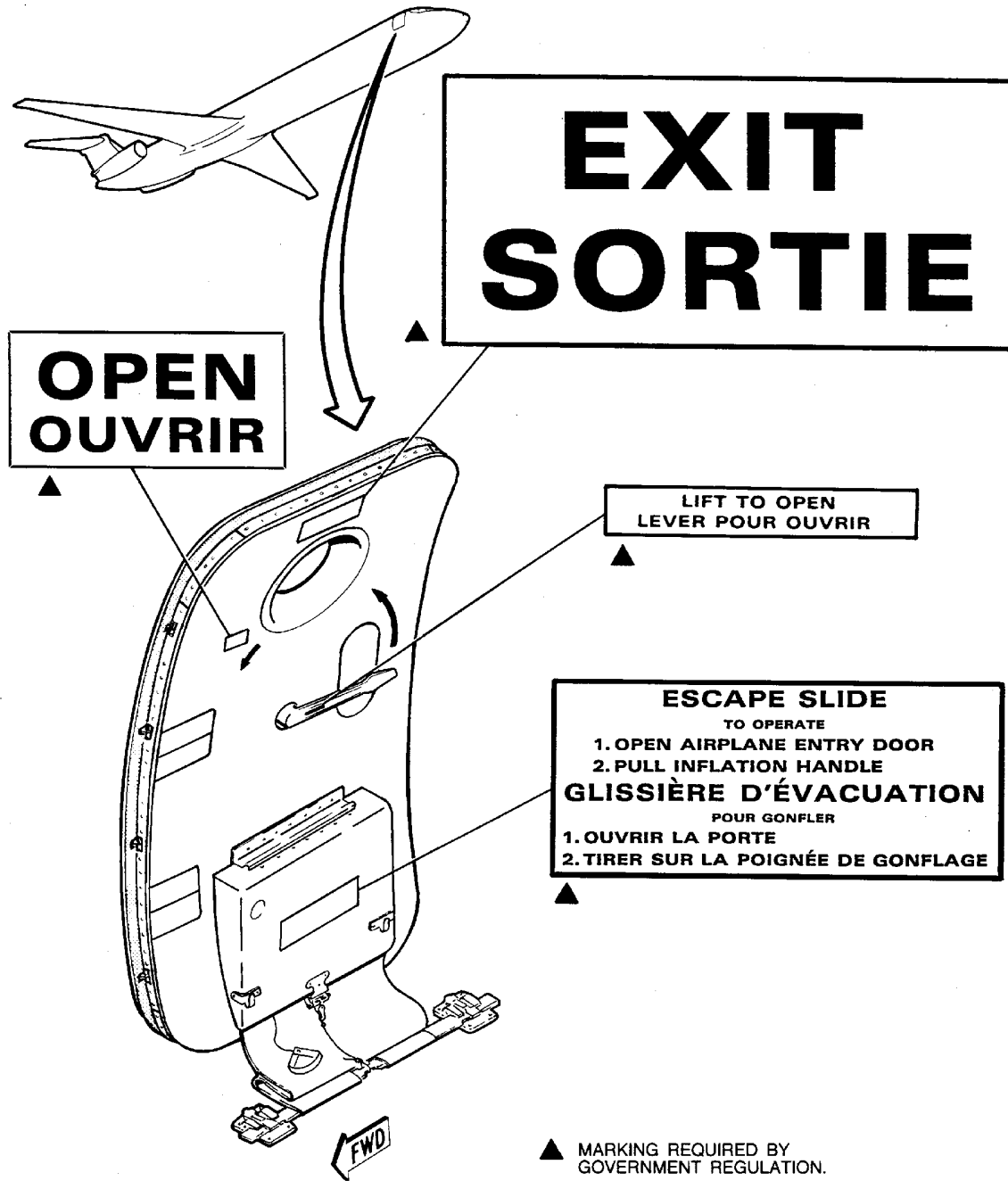
WJE 401-412, 414, 416-421, 423, 424, 426, 429,
861-865, 869, 871-881, 883, 884, 891-893

TP-80MM-WJE

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BBB2-11-643

**Interior Markings - Service Entrance Door (Forward)
Figure 2/11-34-02-990-803 (Sheet 1 of 4)**

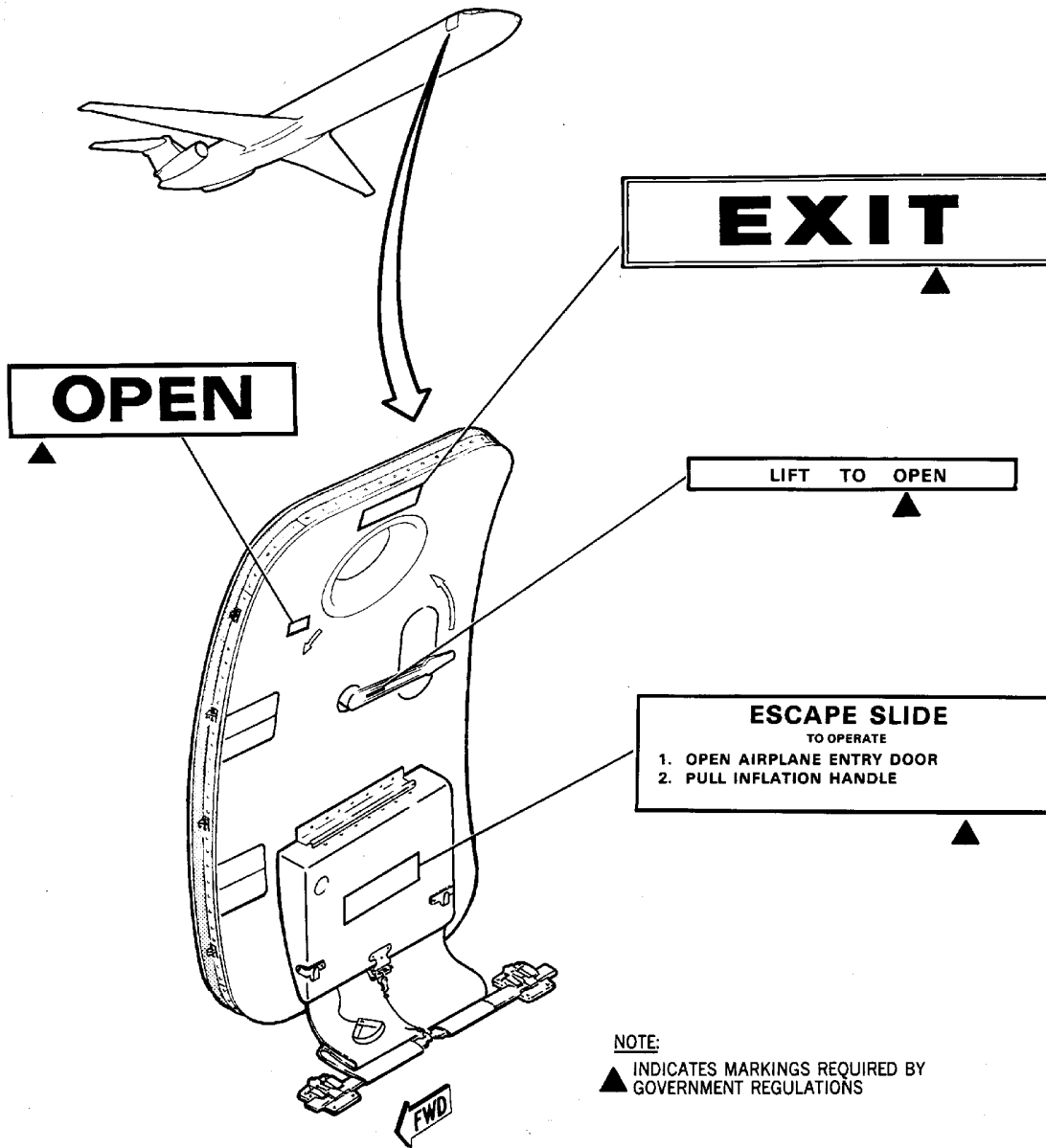
EFFECTIVITY
WJE 401-404, 412, 414

11-34-02

TP-80MM-WJE

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BBB2-11-242A

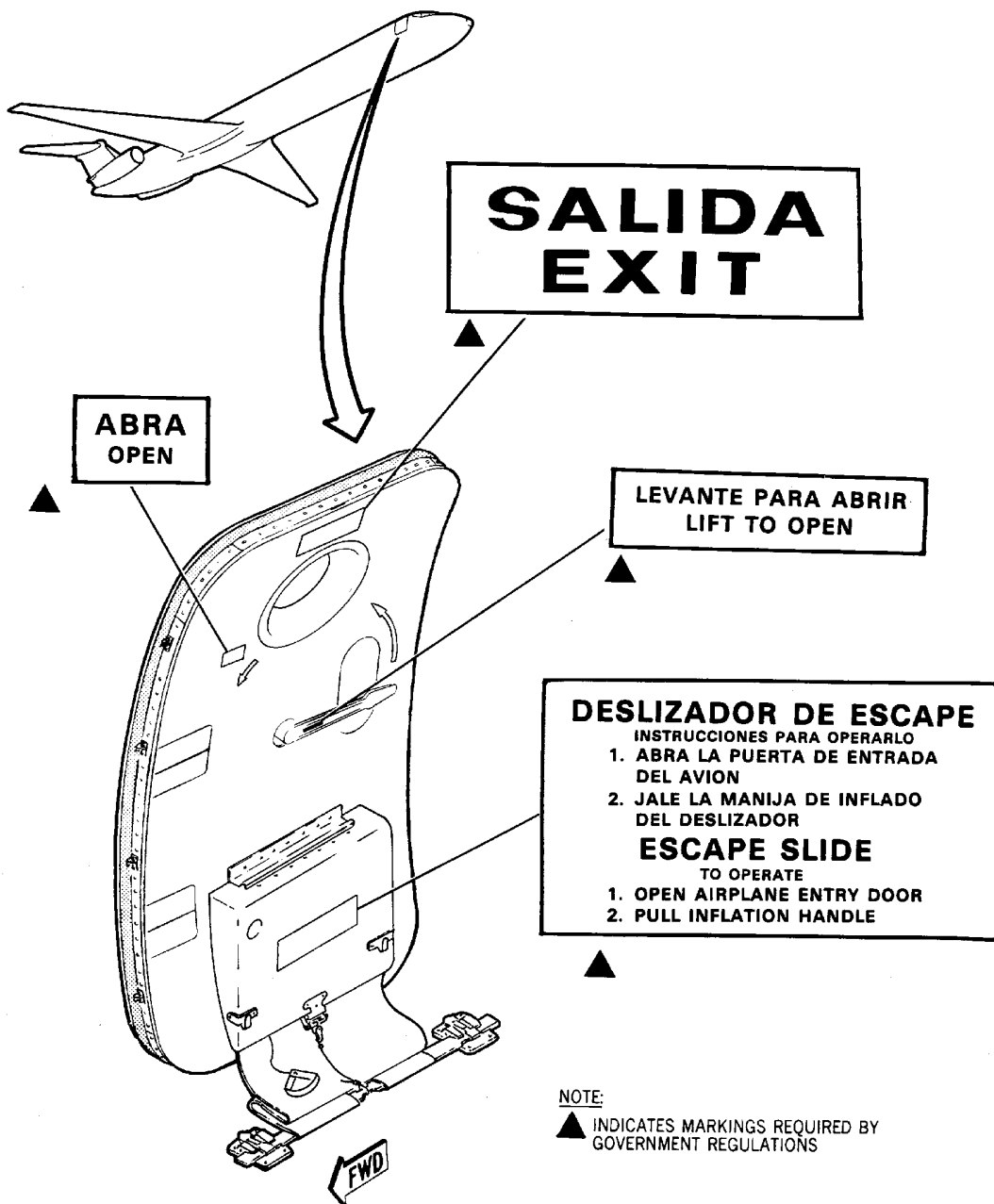
**Interior Markings - Service Entrance Door (Forward)
Figure 2/11-34-02-990-803 (Sheet 2 of 4)**

EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871-874, 891, 892

11-34-02

TP-80MM-WJE

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BBB2-11-132A

**Interior Markings - Service Entrance Door (Forward)
Figure 2/11-34-02-990-803 (Sheet 3 of 4)**

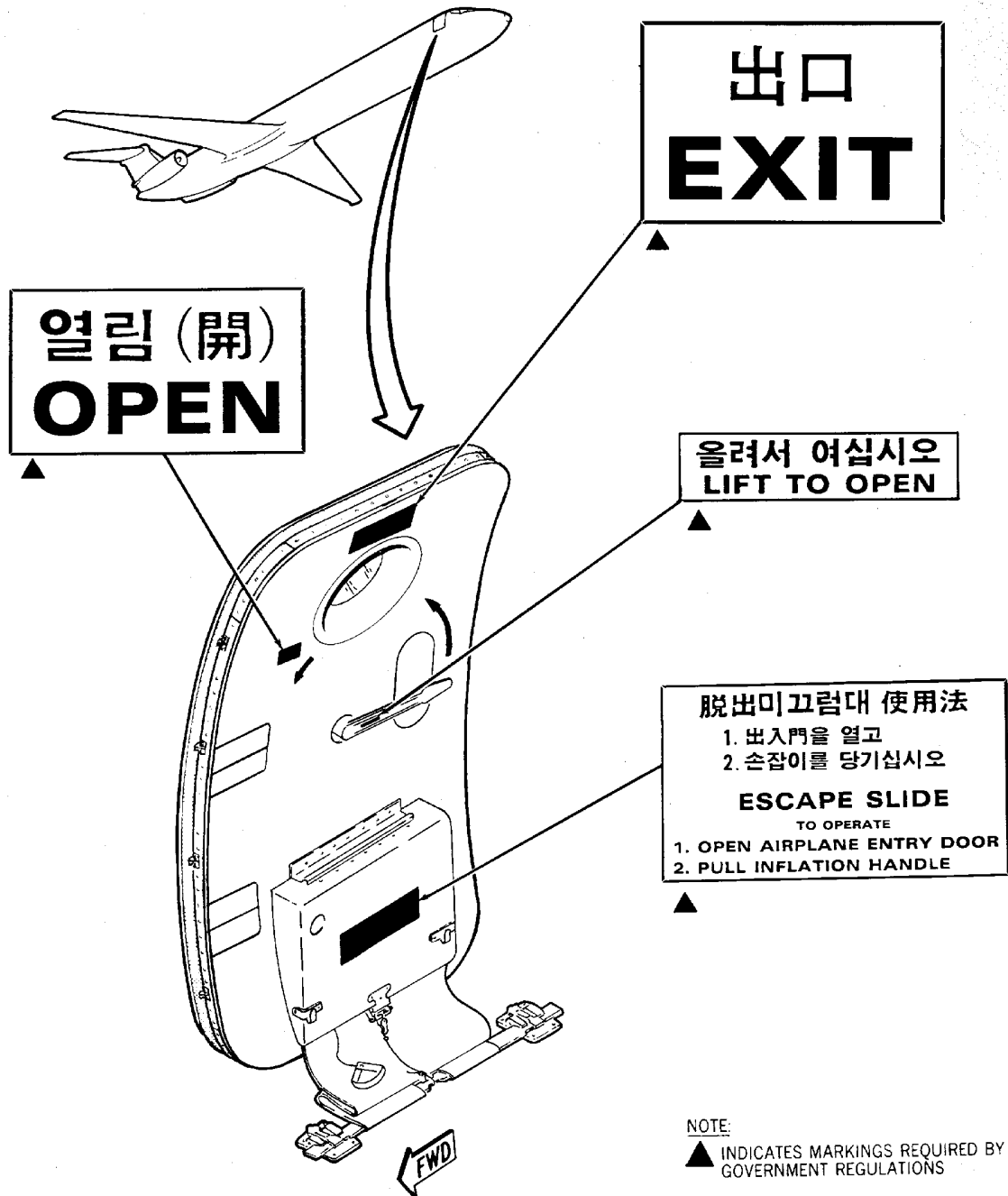
EFFECTIVITY
WJE 405-411, 880, 881, 883, 884

11-34-02

TP-80MM-WJE

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BBB2-11-476

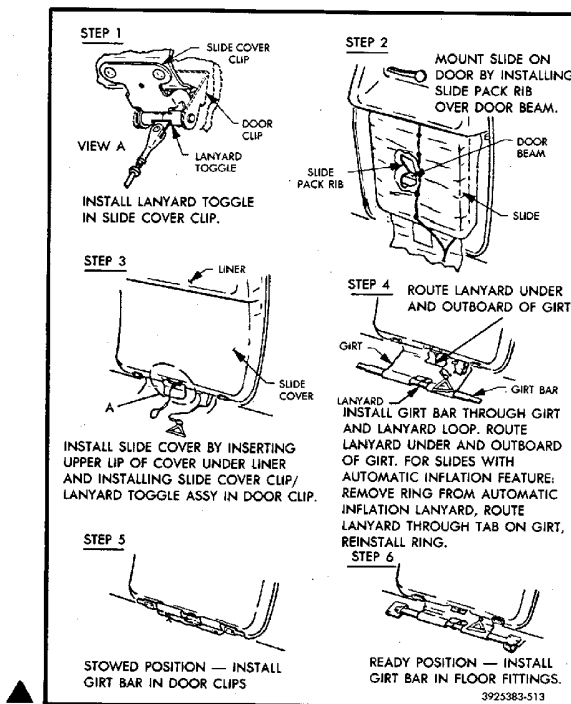
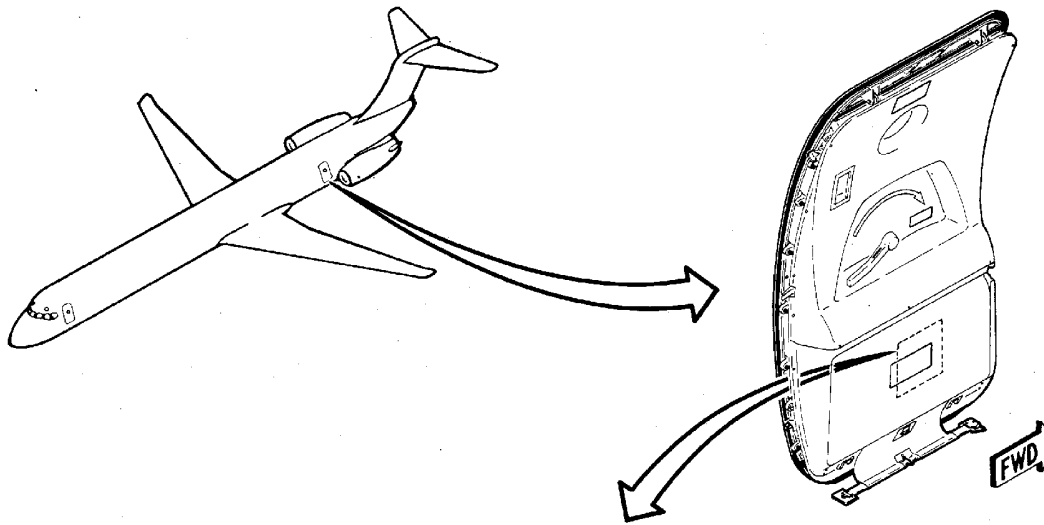
**Interior Markings - Service Entrance Door (Forward)
Figure 2/11-34-02-990-803 (Sheet 4 of 4)**

EFFECTIVITY
WJE 875-879

11-34-02

TP-80MM-WJE

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▲ **NOTE:**
INDICATES MARKINGS REQUIRED BY GOVERNMENT REGULATIONS.

BBB2-11-241

**Interior Markings - Escape Slide Installation
Figure 3/11-34-02-990-805**

EFFECTIVITY
WJE 401-404, 412, 414

11-34-02

TP-80MM-WJE



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PASSENGER INSTRUCTION SIGNS - DESCRIPTION AND OPERATION

1. Passenger Instructions Signs

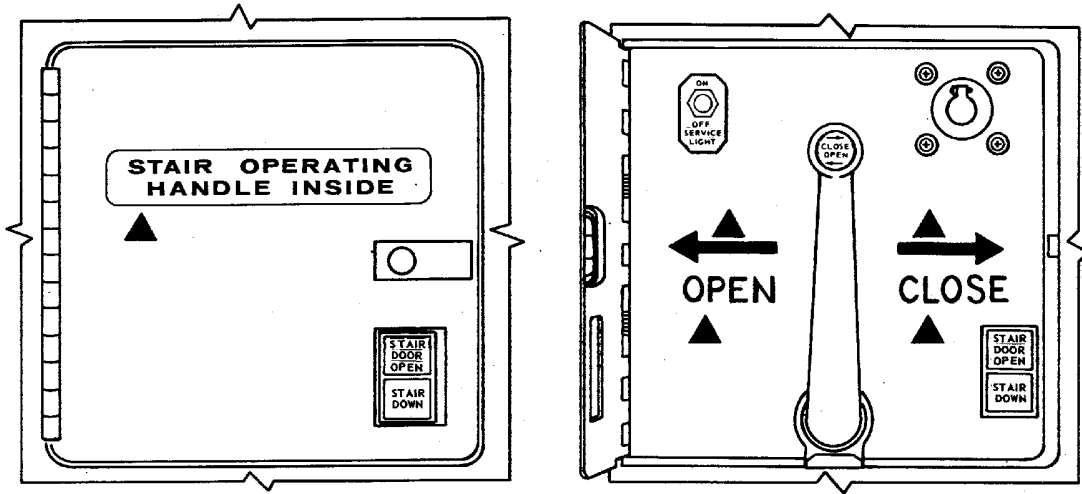
EFFECTIVITY
WJE 886, 887

TP-80MM-WJE

11-34-03

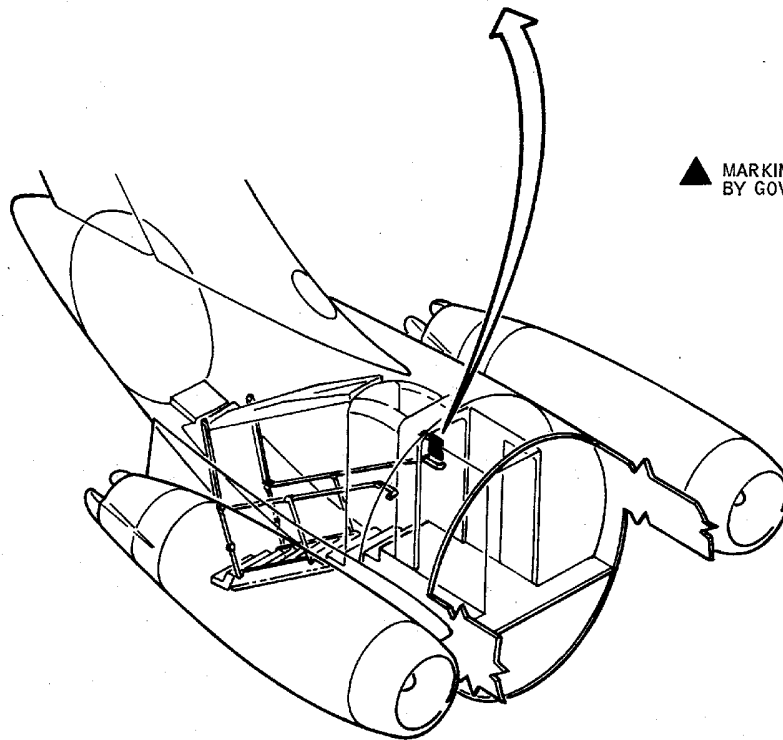
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DOOR CLOSED

DOOR OPEN



▲ MARKINGS REQUIRED BY GOVERNMENT REGULATIONS

BBB2-11-48

Interior Markings -- Passenger Instructions (Aft Entrance)
Figure 1/11-34-03-990-834

EFFECTIVITY
WJE 886, 887

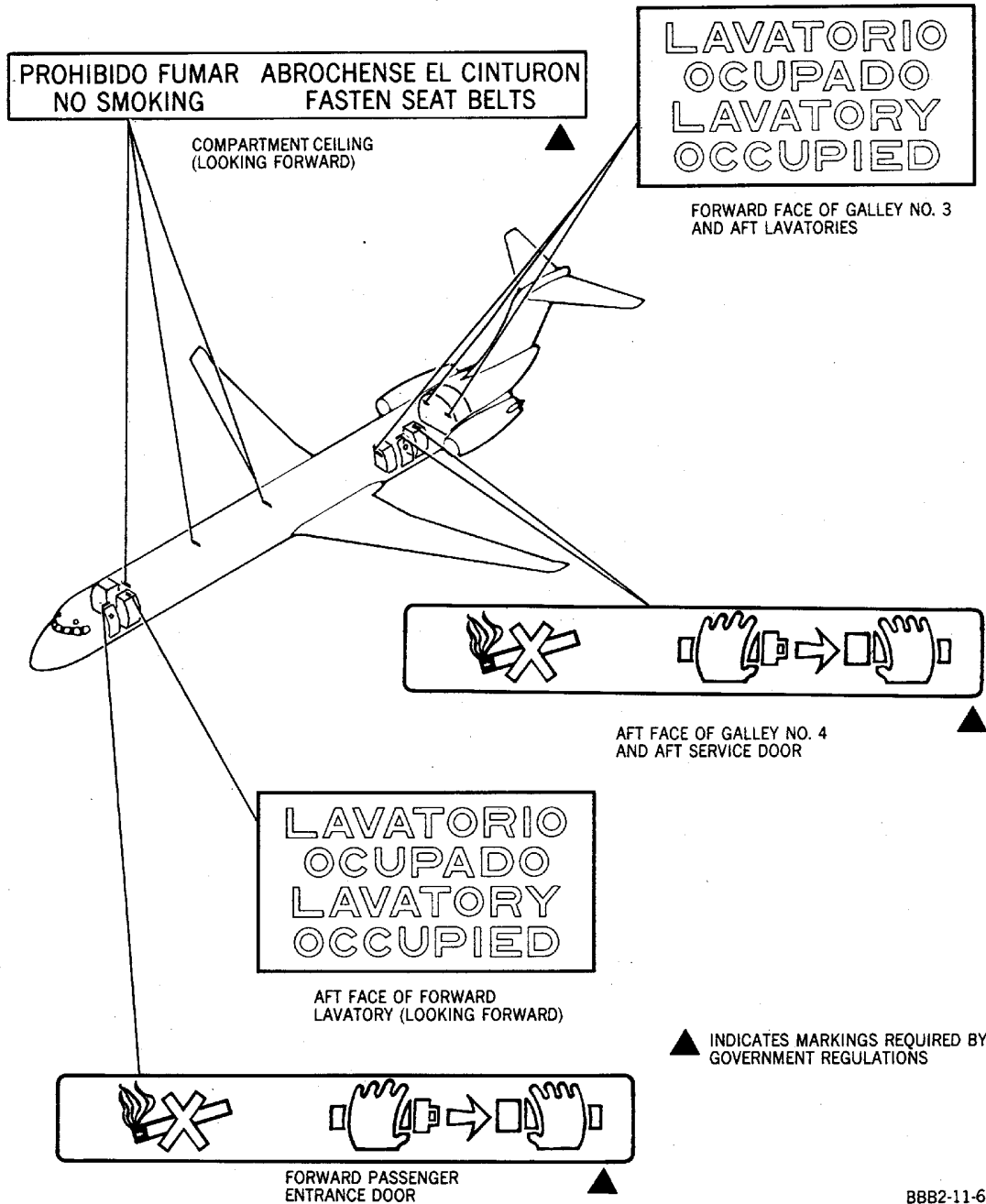
TP-80MM-WJE

11-34-03

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8882-11-65

Interior Markings -- Passenger Instructions (Illuminated Signs)
Figure 2/11-34-03-990-835

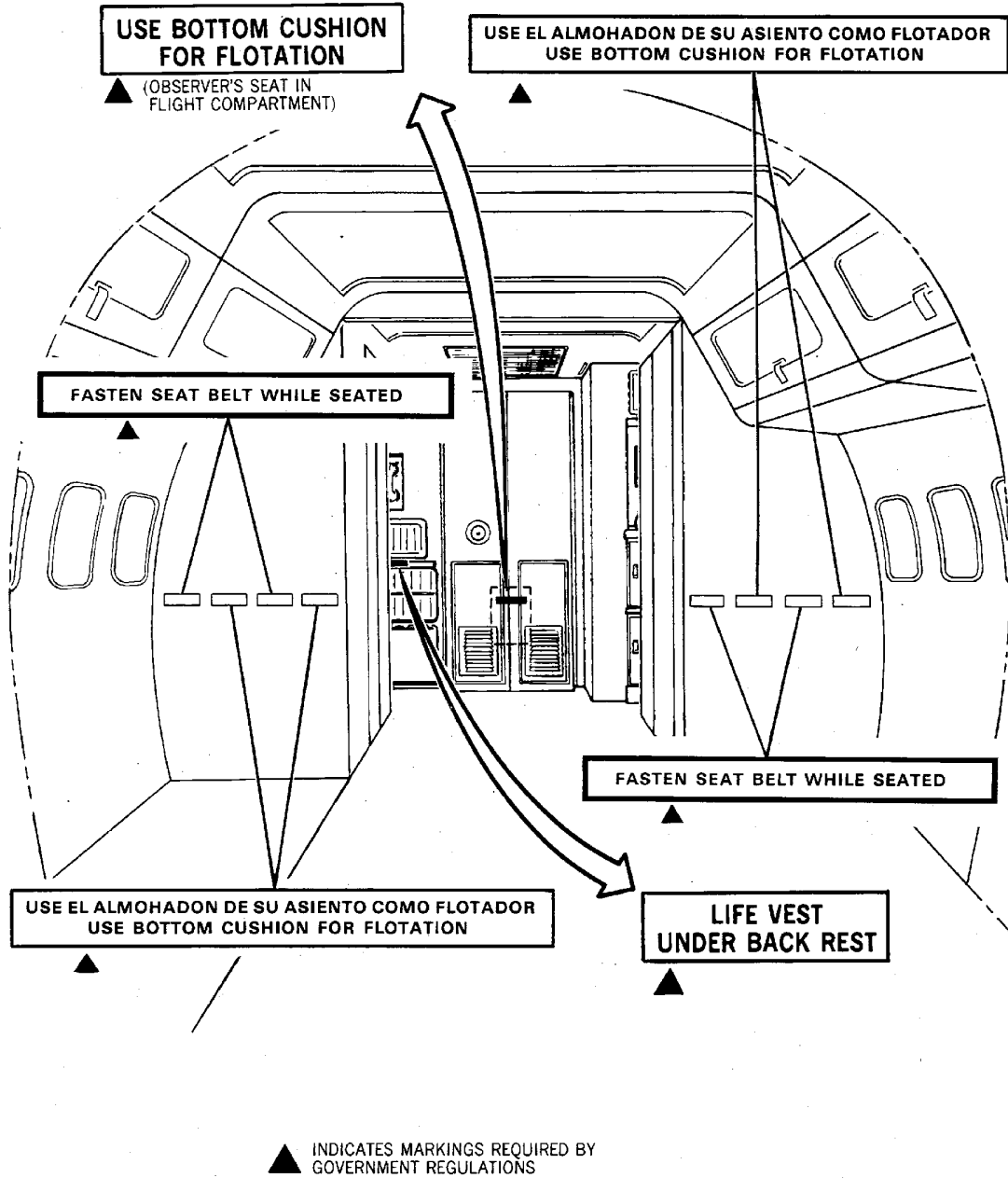
EFFECTIVITY
WJE 886, 887

TP-80MM-WJE

11-34-03

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BBB2-11-167

Interior Markings -- Passenger Instruction (Flotation Equipment)
Figure 3/11-34-03-990-836

EFFECTIVITY
WJE 886, 887

TP-80MM-WJE

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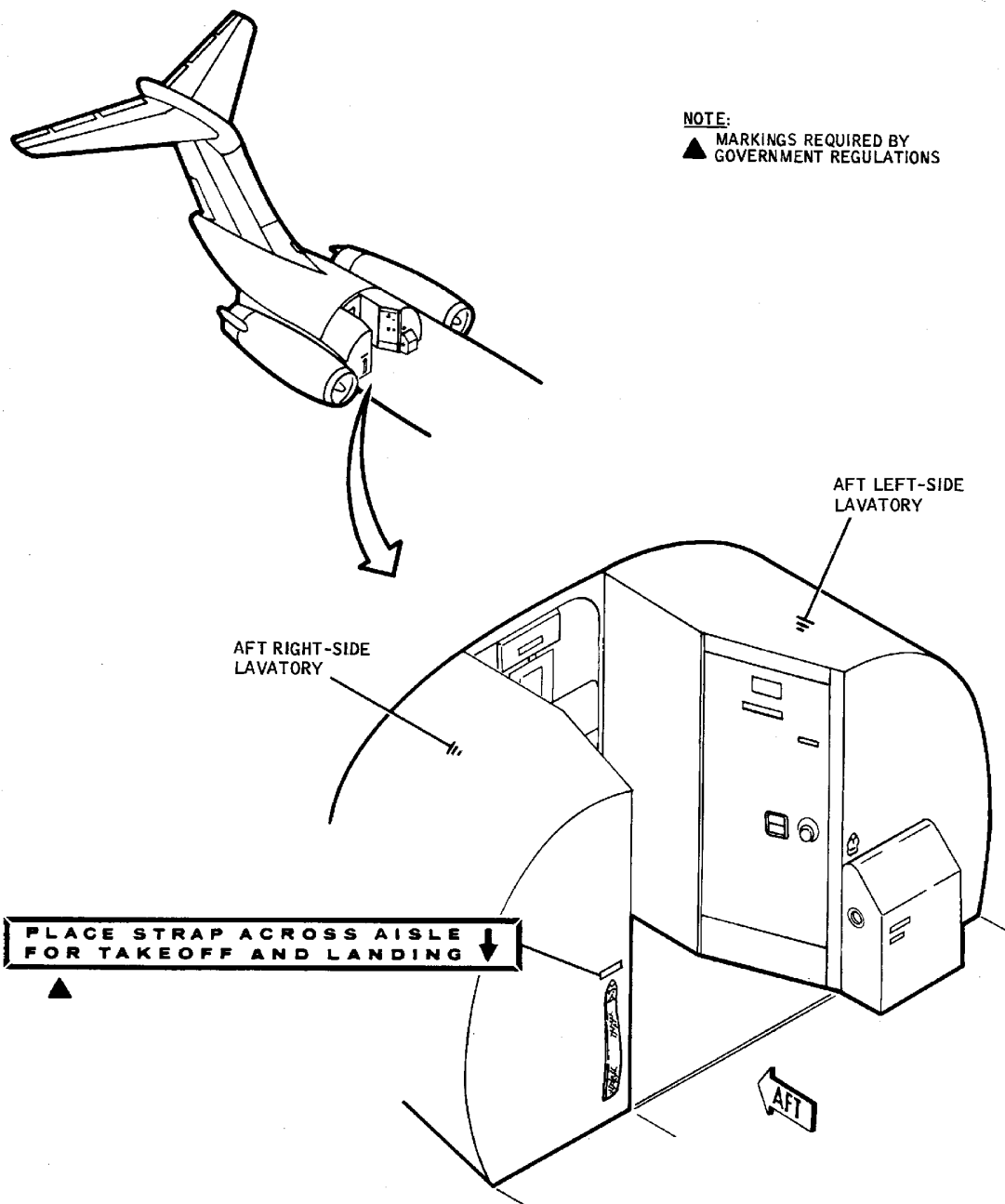
11-34-03

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NOTE:
▲ MARKINGS REQUIRED BY
GOVERNMENT REGULATIONS

BBB2-11-273

Internal Markings -- Passenger Instruction (Barrier Strap)
Figure 4/11-34-03-990-837

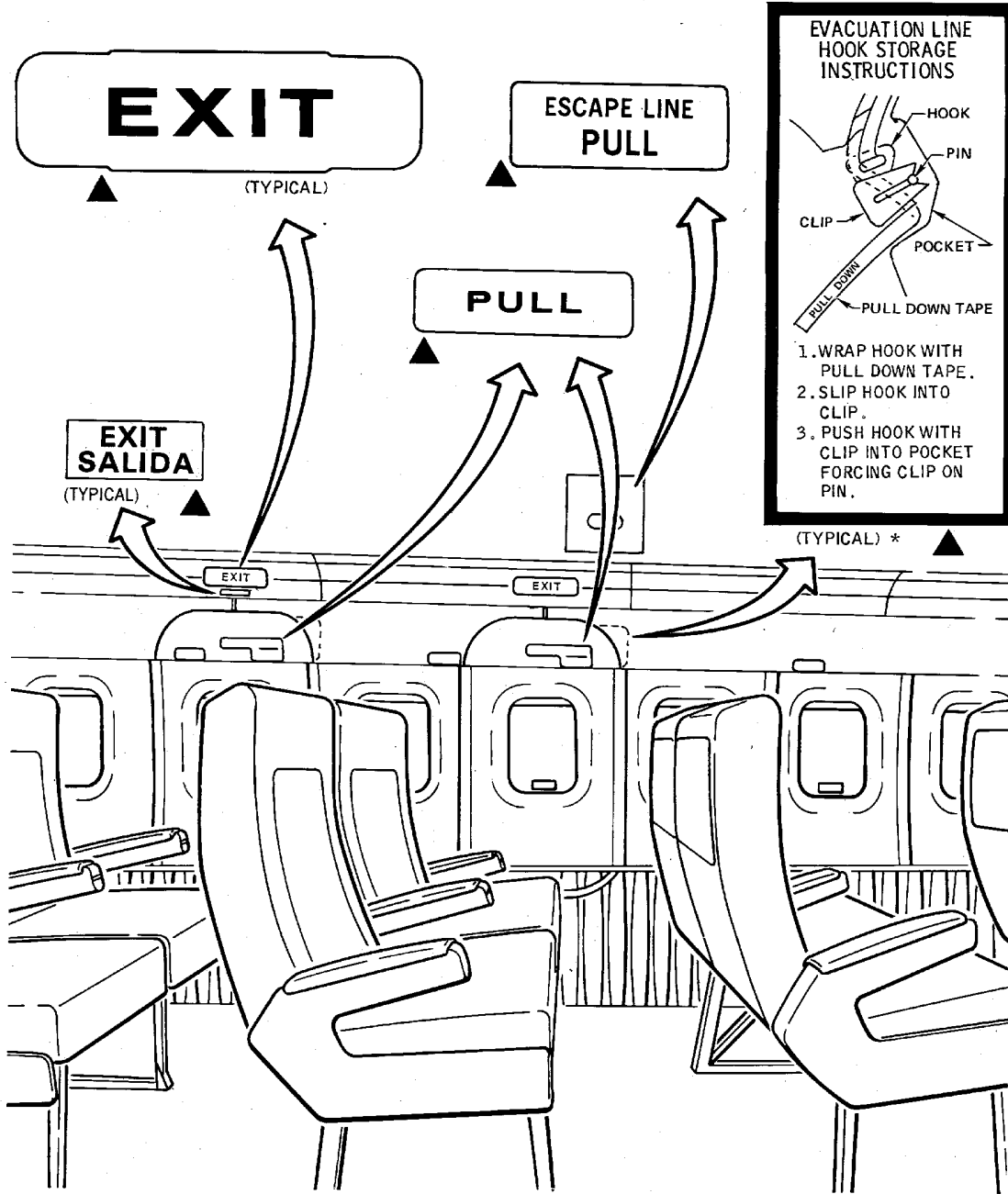
EFFECTIVITY
WJE 886, 887

TP-80MM-WJE

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▲ MARKINGS REQUIRED BY GOVERNMENT REGULATIONS
* LOCATED FORWARD EDGE OF EACH EMERGENCY EXIT DOOR JAMBS

BBB2-11-86A

**Interior Markings -- Passenger Instruction (Emergency Exits)
Figure 5/11-34-03-990-838**

EFFECTIVITY
WJE 886, 887

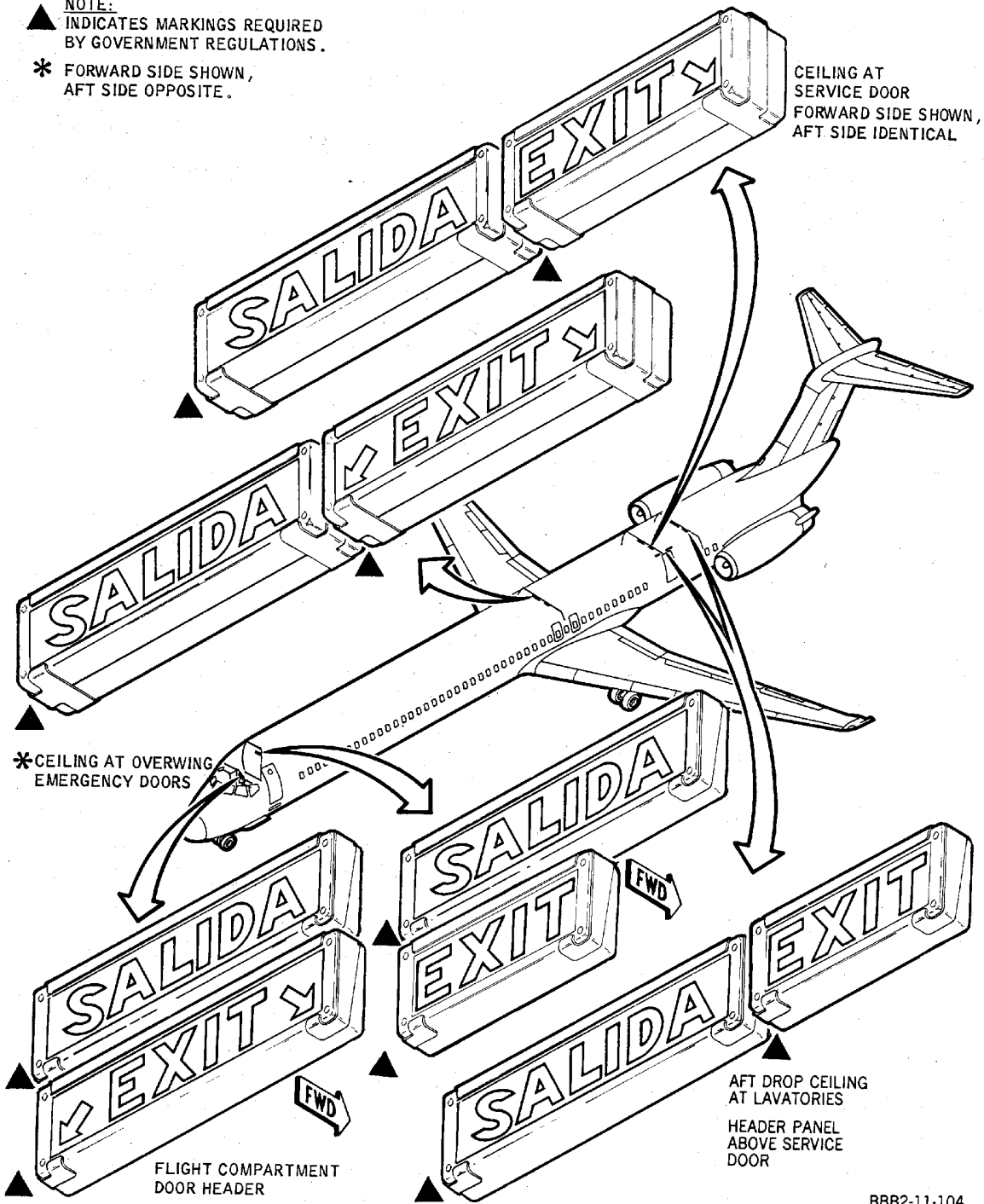
TP-80MM-WJE

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- NOTE:**
- ▲ INDICATES MARKINGS REQUIRED BY GOVERNMENT REGULATIONS.
 - * FORWARD SIDE SHOWN, AFT SIDE OPPOSITE.



BBB2-11-104

**Interior Markings -- Passenger Instruction (Exits)
Figure 6/11-34-03-990-839**

EFFECTIVITY
WJE 886, 887

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PASSENGER INSTRUCTION SIGNS - DESCRIPTION AND OPERATION

1. Passenger Instructions Signs

EFFECTIVITY

**WJE 405-411, 415-427, 429, 861-866, 868, 869,
871-874, 880, 881, 883, 884, 891-893**

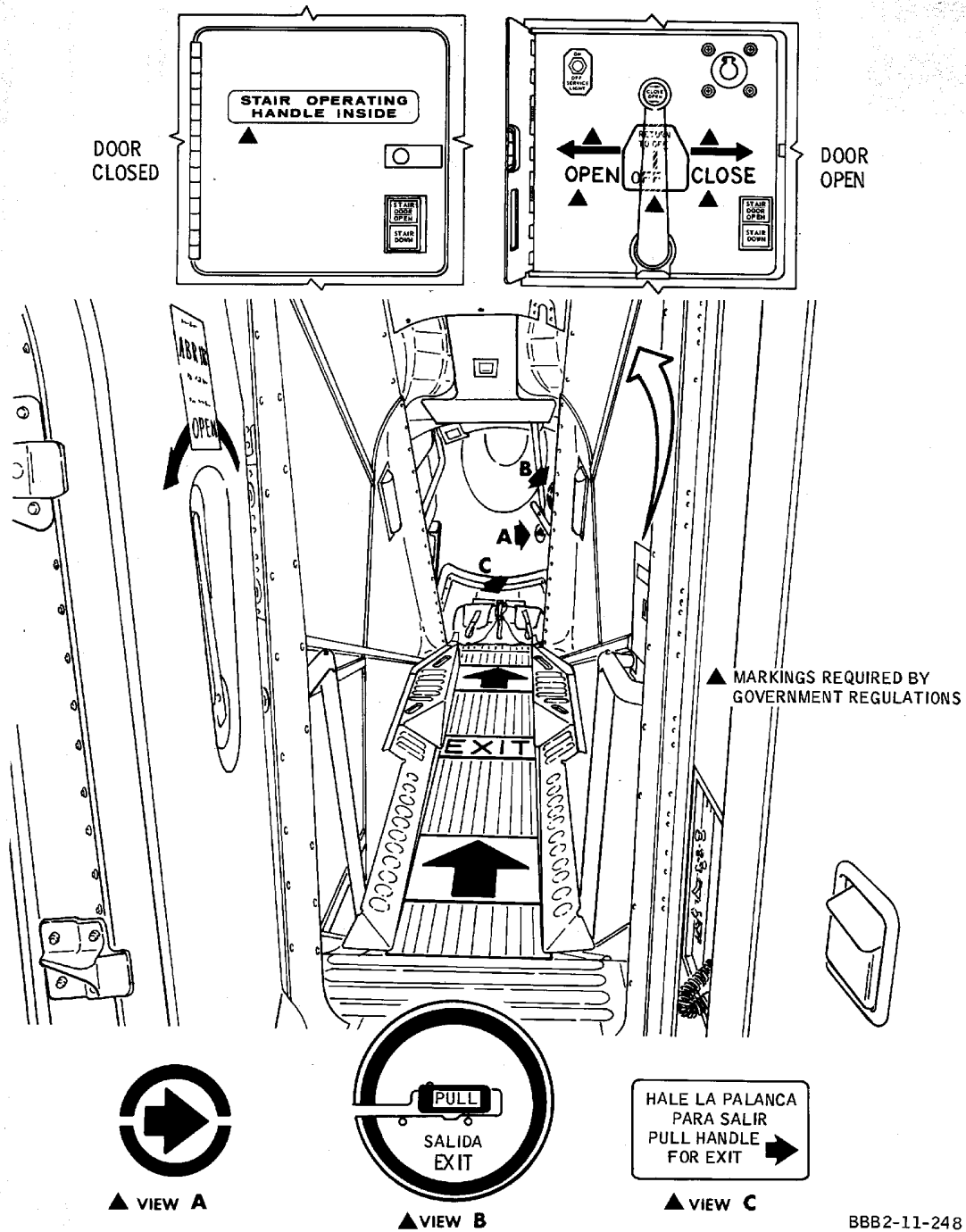
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BBB2-11-248

Internal Markings -- Passenger Instructions (Aft Entrance)
Figure 1/11-34-03-990-879 (Sheet 1 of 2)

EFFECTIVITY

WJE 405-411, 415-427, 429, 861-866, 868, 869, 871, 872, 880, 881, 883, 884, 891

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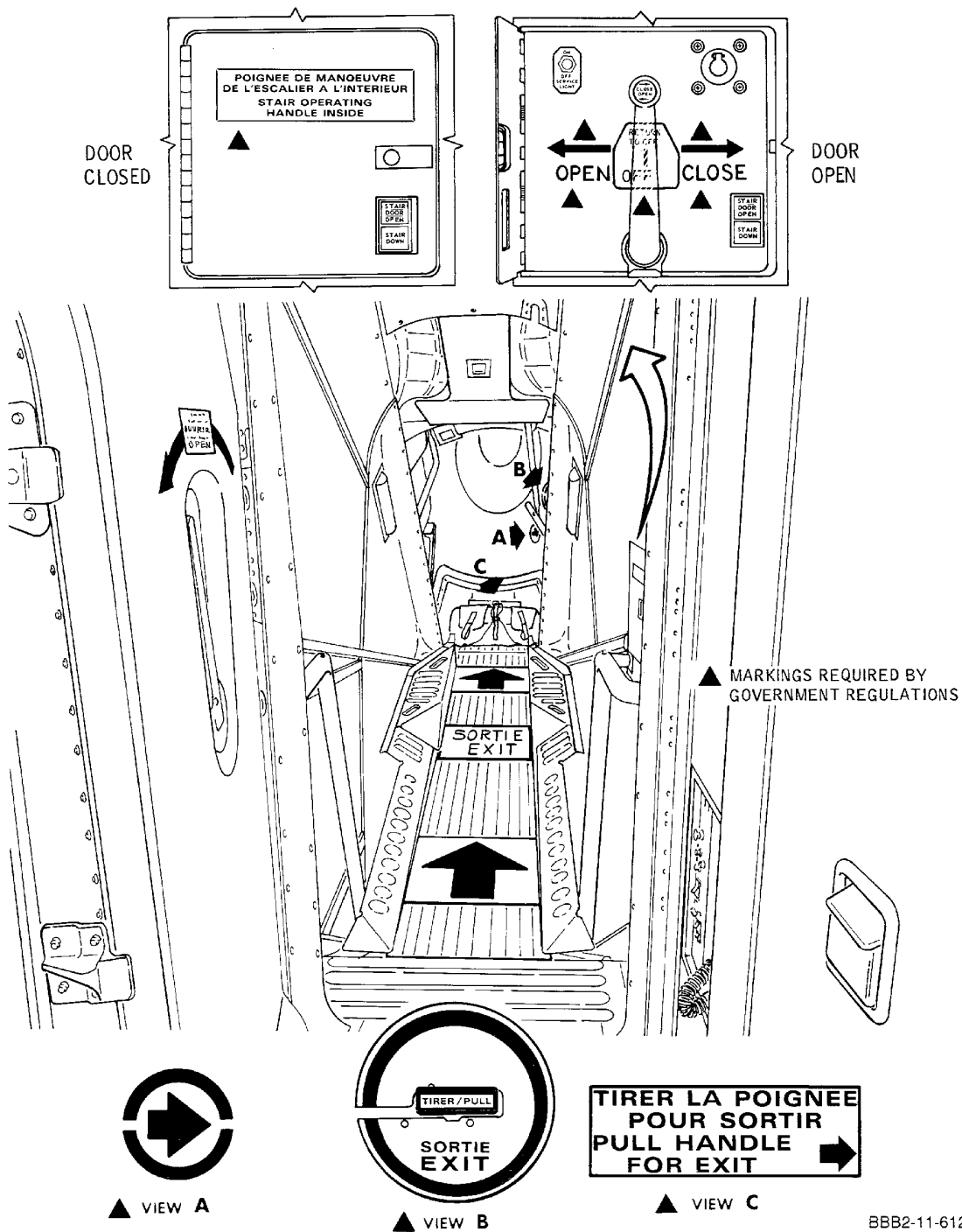
11-34-03

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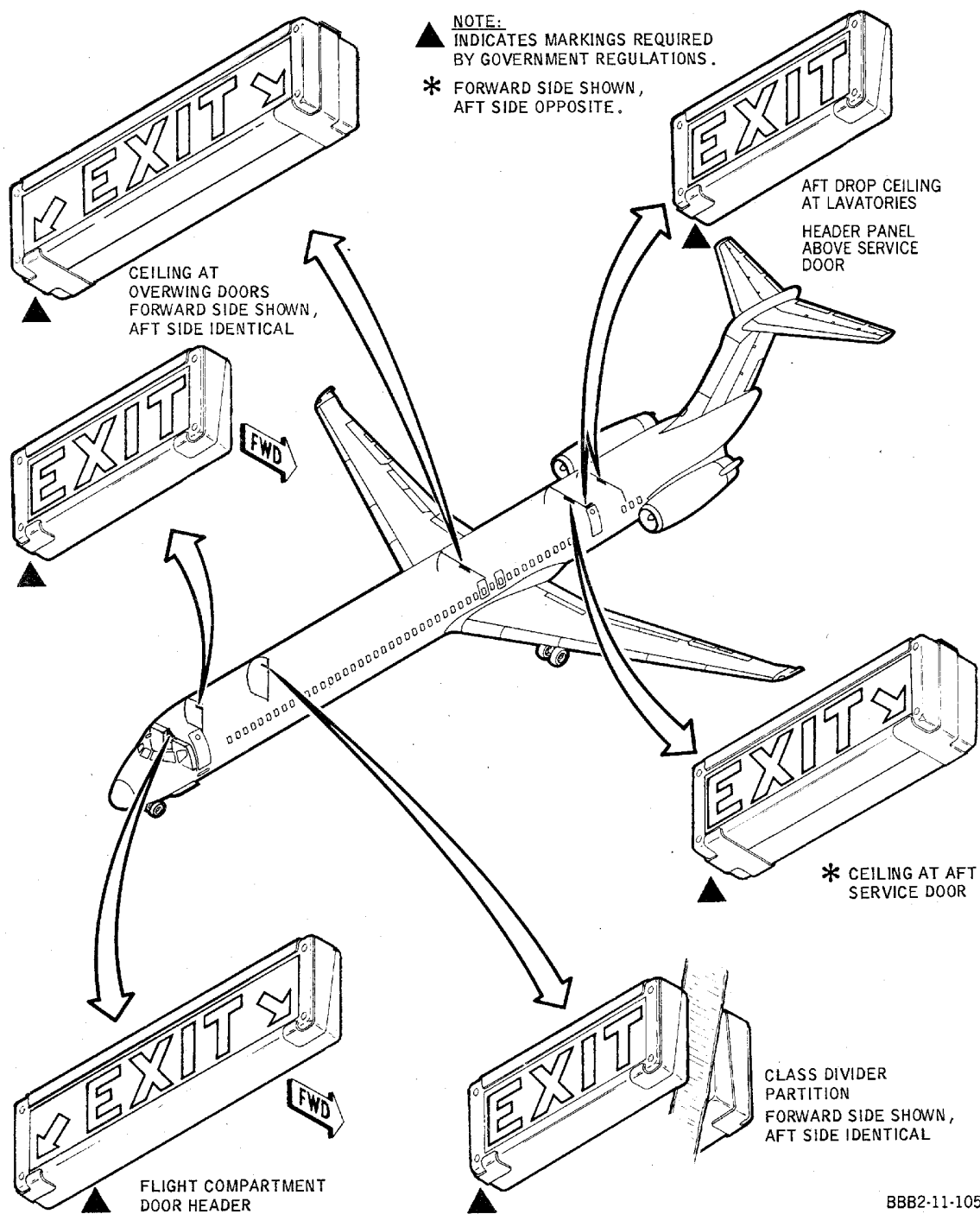
BBB2-11-612

**Internal Markings -- Passenger Instructions (Aft Entrance)
Figure 1/11-34-03-990-879 (Sheet 2 of 2)**

EFFECTIVITY
WJE 893

TP-80MM-WJE

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BBB2-11-105

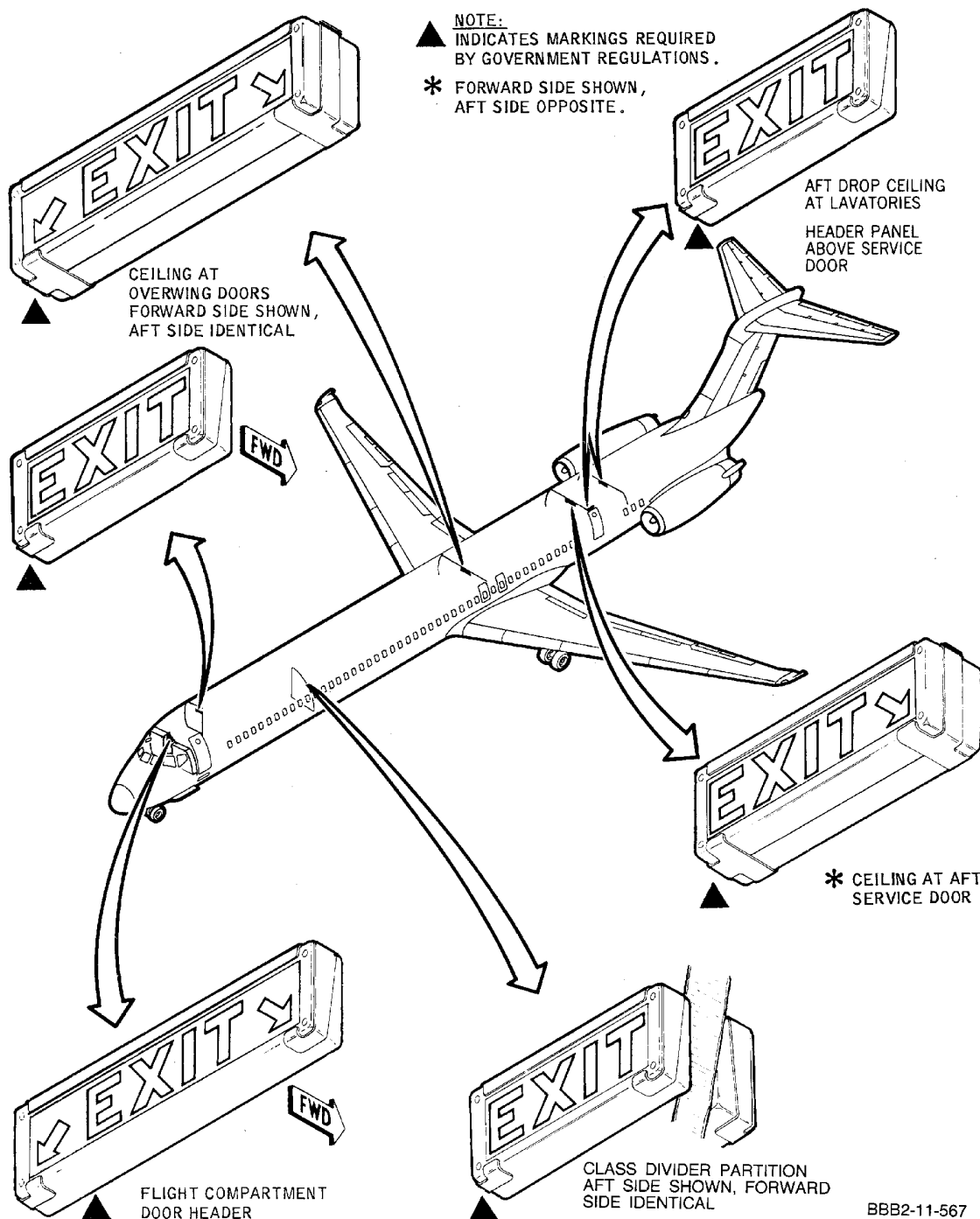
**Interior Markings -- Passenger Instruction (Exits)
Figure 2/11-34-03-990-880 (Sheet 1 of 4)**

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

TP-80MM-WJE

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**Interior Markings -- Passenger Instruction (Exits)
Figure 2/11-34-03-990-880 (Sheet 2 of 4)**

EFFECTIVITY
WJE 873, 874, 892

TP-80MM-WJE

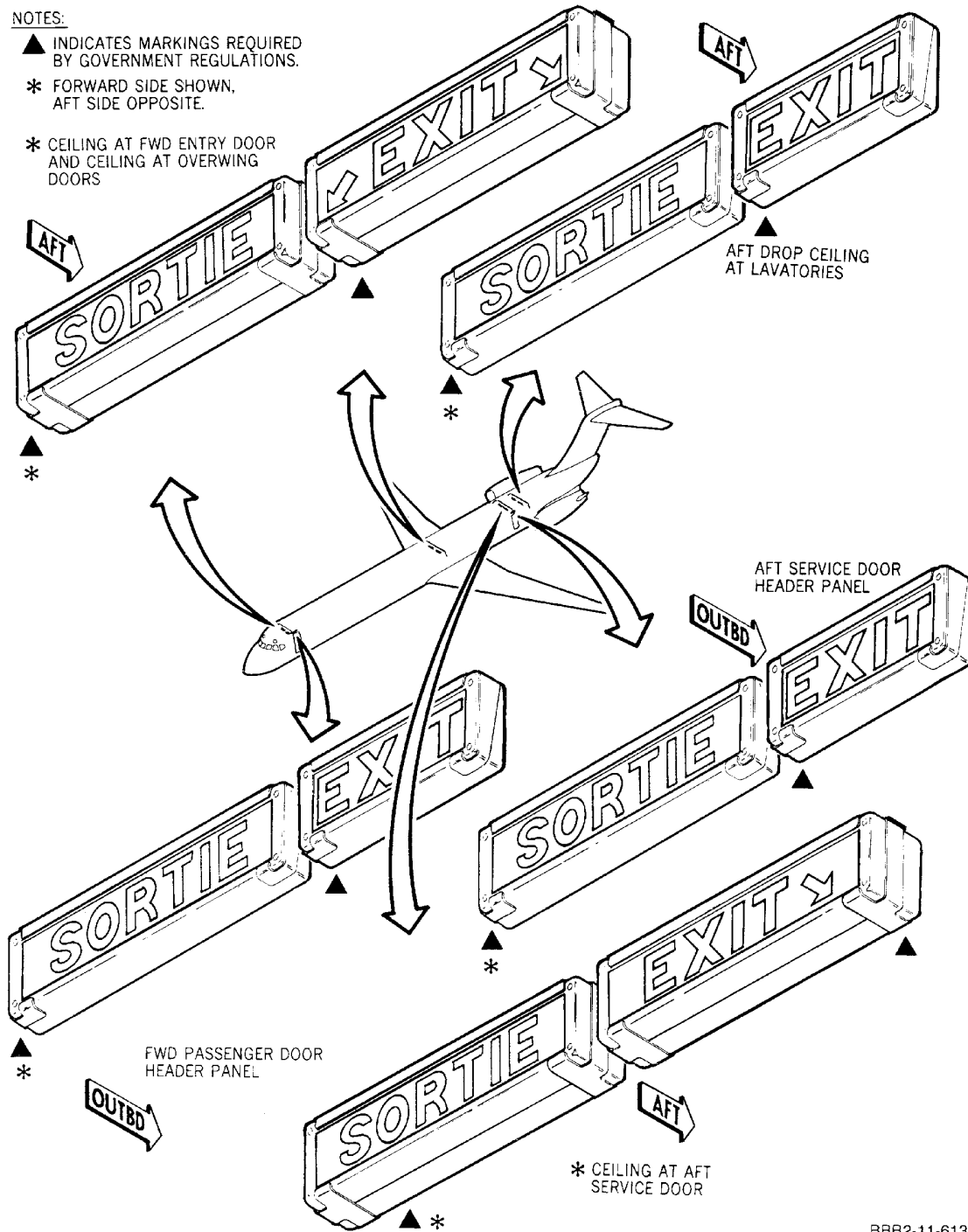
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NOTES:

- ▲ INDICATES MARKINGS REQUIRED BY GOVERNMENT REGULATIONS.
- * FORWARD SIDE SHOWN, AFT SIDE OPPOSITE.
- * CEILING AT FWD ENTRY DOOR AND CEILING AT OVERWING DOORS



BBB2-11-613

**Interior Markings -- Passenger Instruction (Exits)
Figure 2/11-34-03-990-880 (Sheet 3 of 4)**

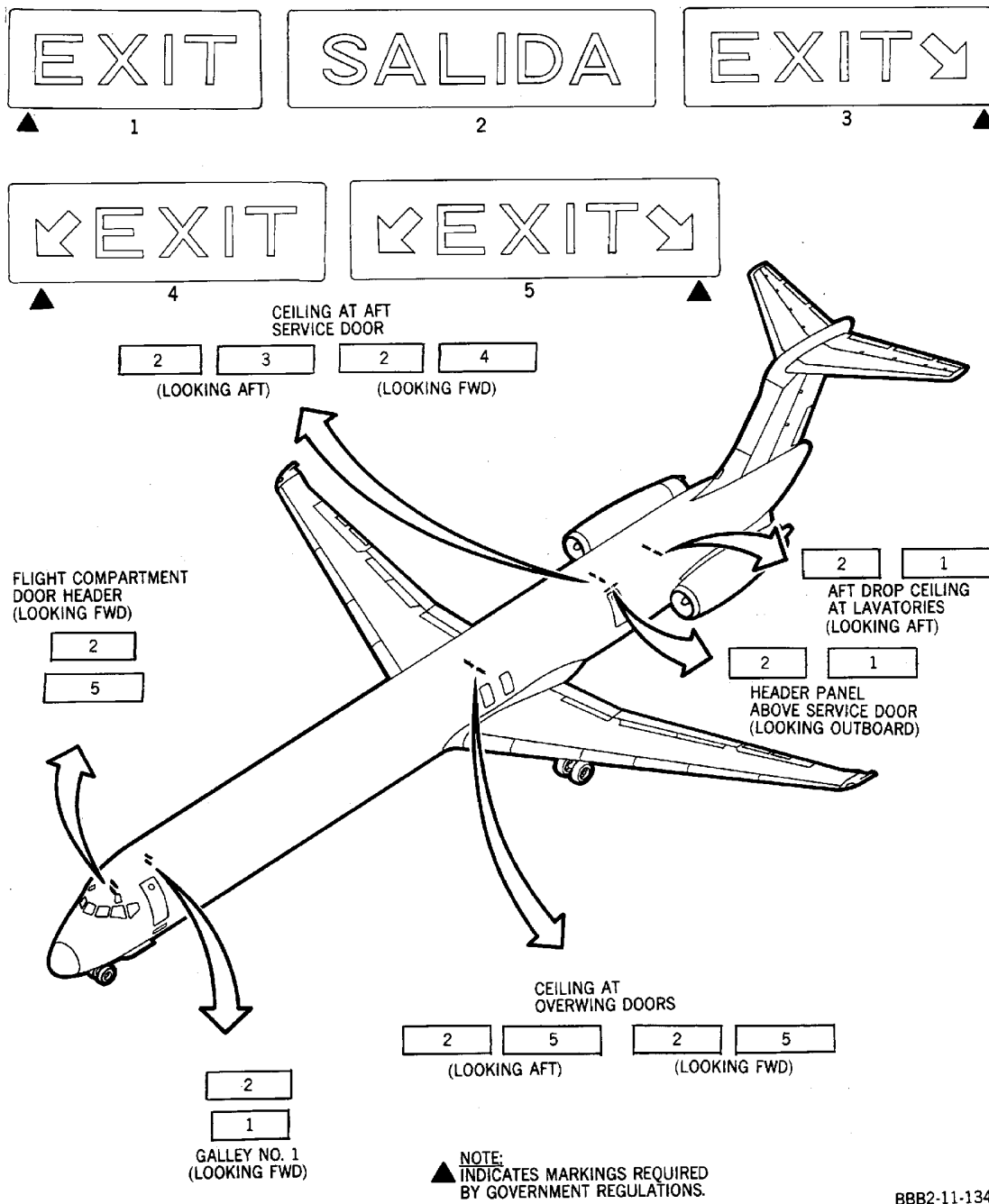
EFFECTIVITY
WJE 893

TP-80MM-WJE

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BBB2-11-134

**Interior Markings -- Passenger Instruction (Exits)
Figure 2/11-34-03-990-880 (Sheet 4 of 4)**

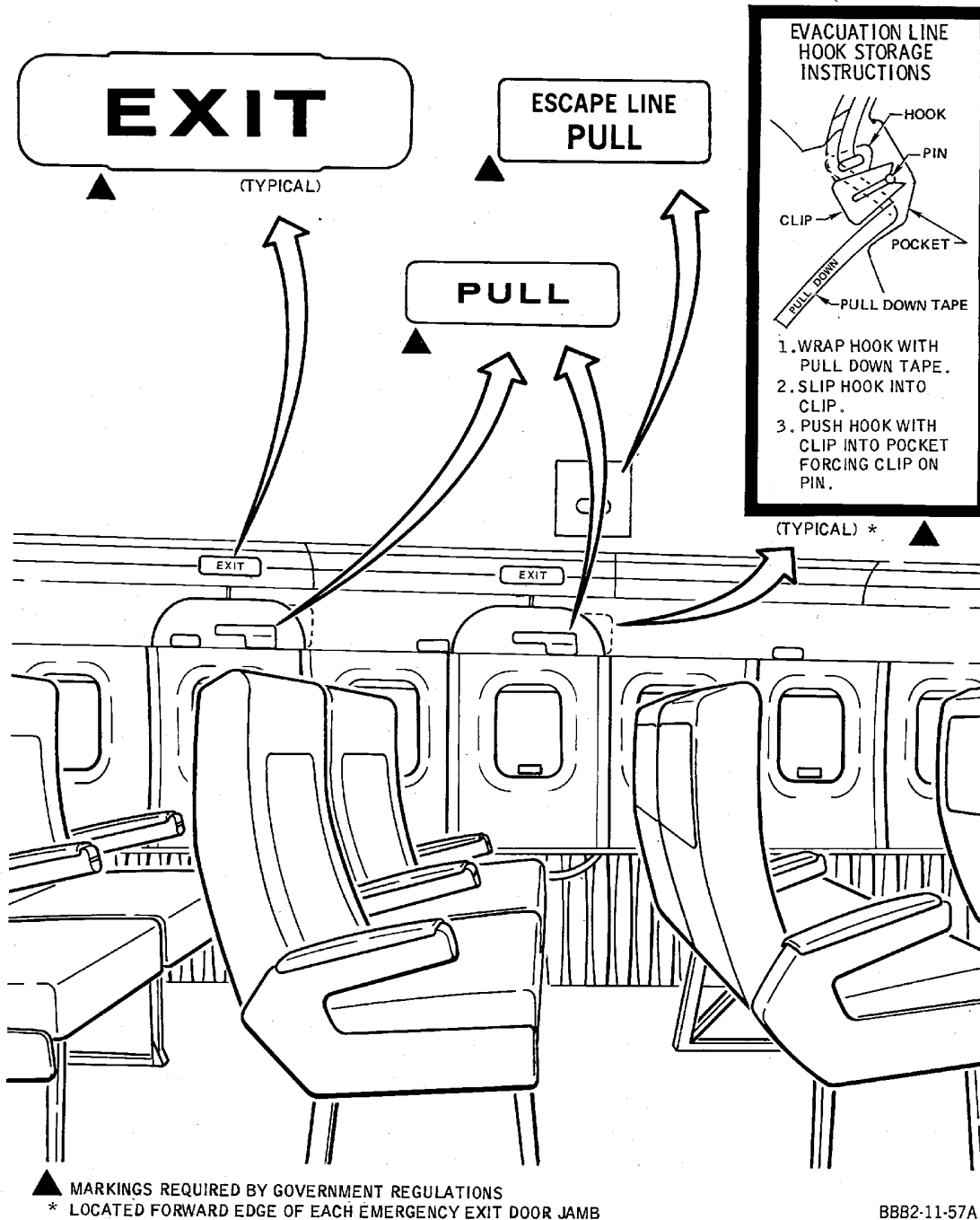
EFFECTIVITY
WJE 405-411, 880, 881, 883, 884

TP-80MM-WJE

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Interior Markings -- Passenger Instruction (Emergency Exits)
Figure 3/11-34-03-990-881 (Sheet 1 of 4)

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

TP-80MM-WJE

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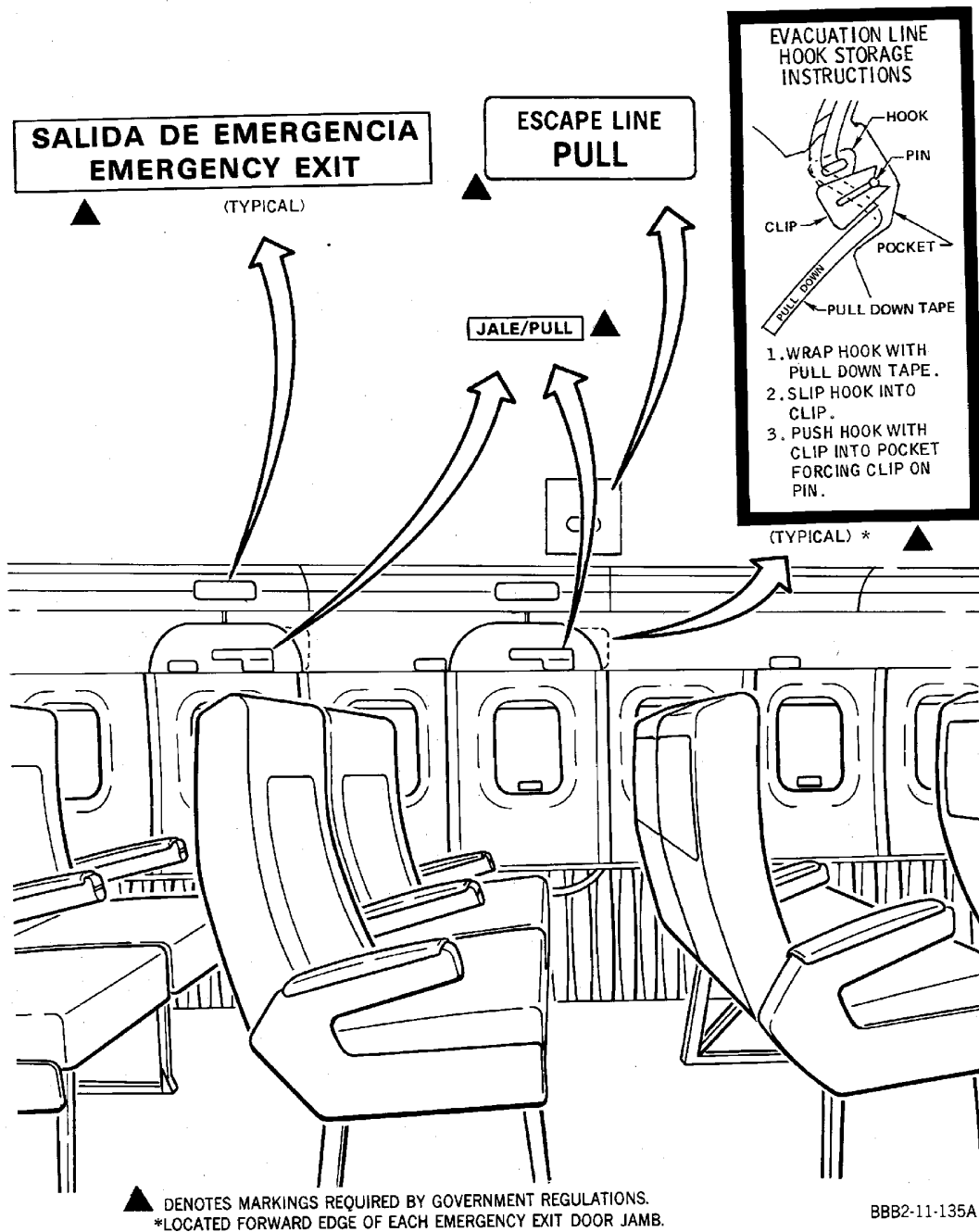
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**Interior Markings -- Passenger Instruction (Emergency Exits)
Figure 3/11-34-03-990-881 (Sheet 2 of 4)**

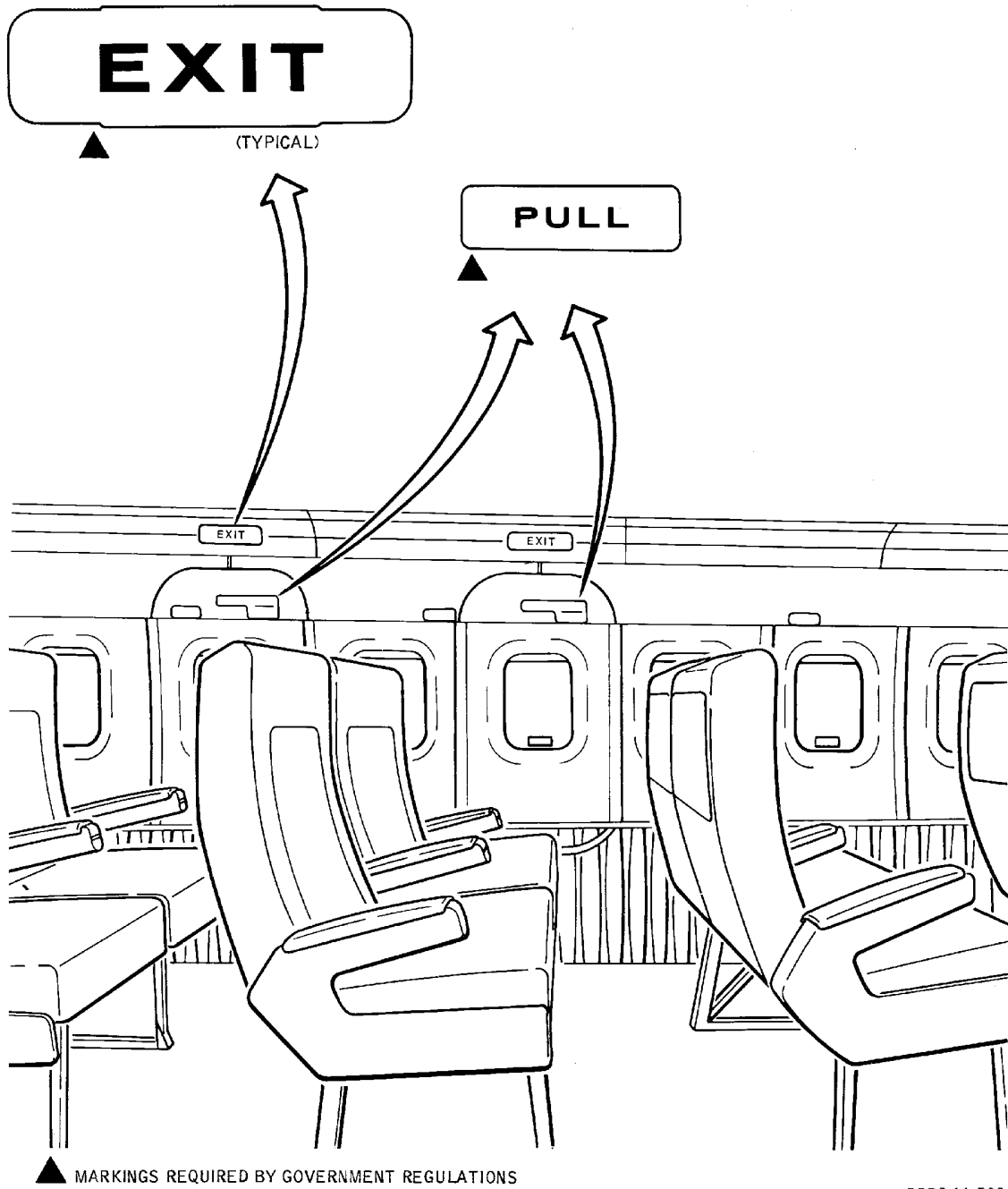
EFFECTIVITY
WJE 405-411, 880, 881, 883, 884

TP-80MM-WJE

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8BB2-11-509

**Interior Markings -- Passenger Instruction (Emergency Exits)
Figure 3/11-34-03-990-881 (Sheet 3 of 4)**

EFFECTIVITY
WJE 405-411, 873, 874, 880, 881, 883, 884, 892

TP-80MM-WJE

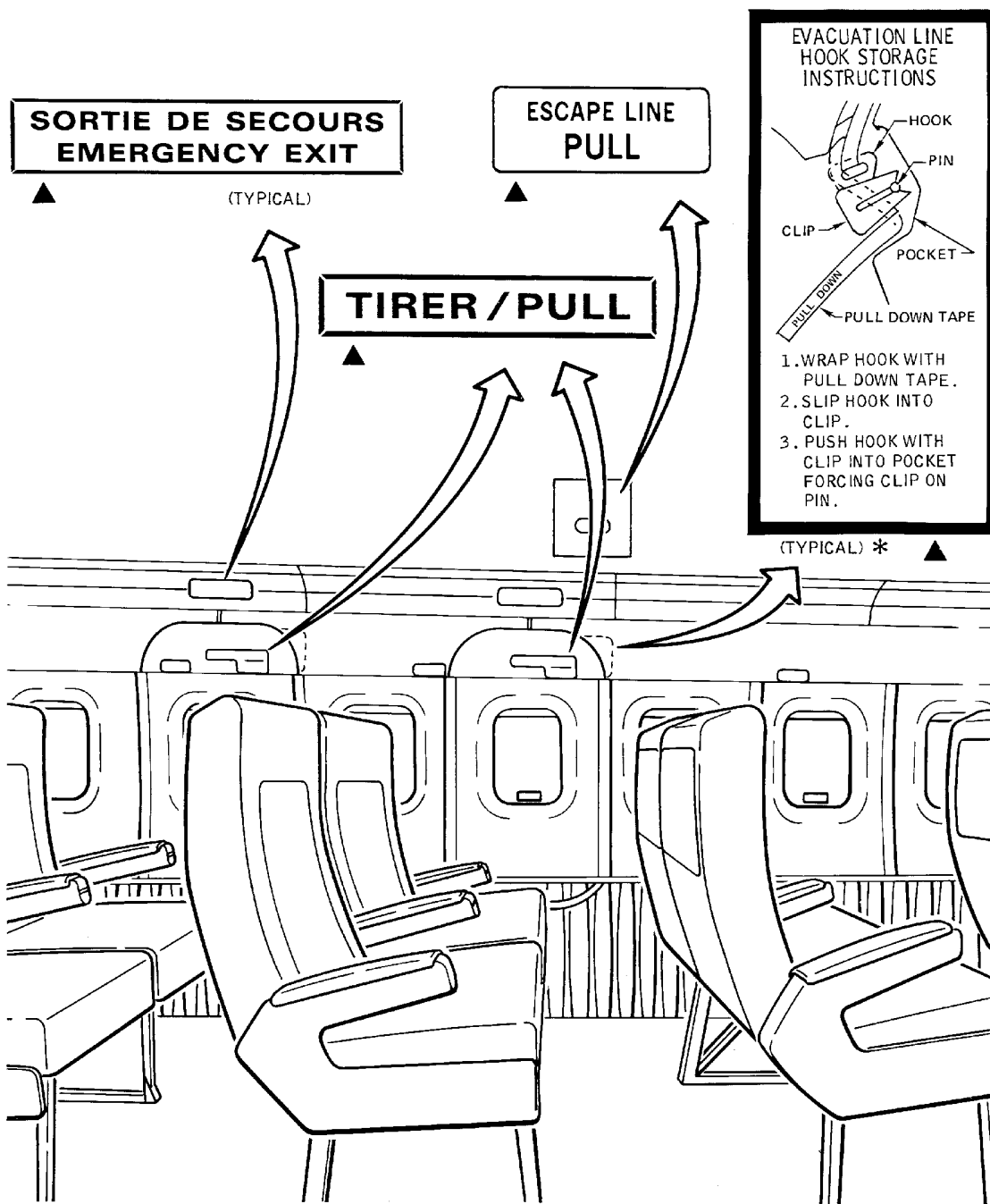
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▲ MARKINGS REQUIRED BY GOVERNMENT REGULATIONS
* LOCATED FORWARD EDGE OF EACH EMERGENCY EXIT DOOR JAMB

BBB2-11-614

**Interior Markings -- Passenger Instruction (Emergency Exits)
Figure 3/11-34-03-990-881 (Sheet 4 of 4)**

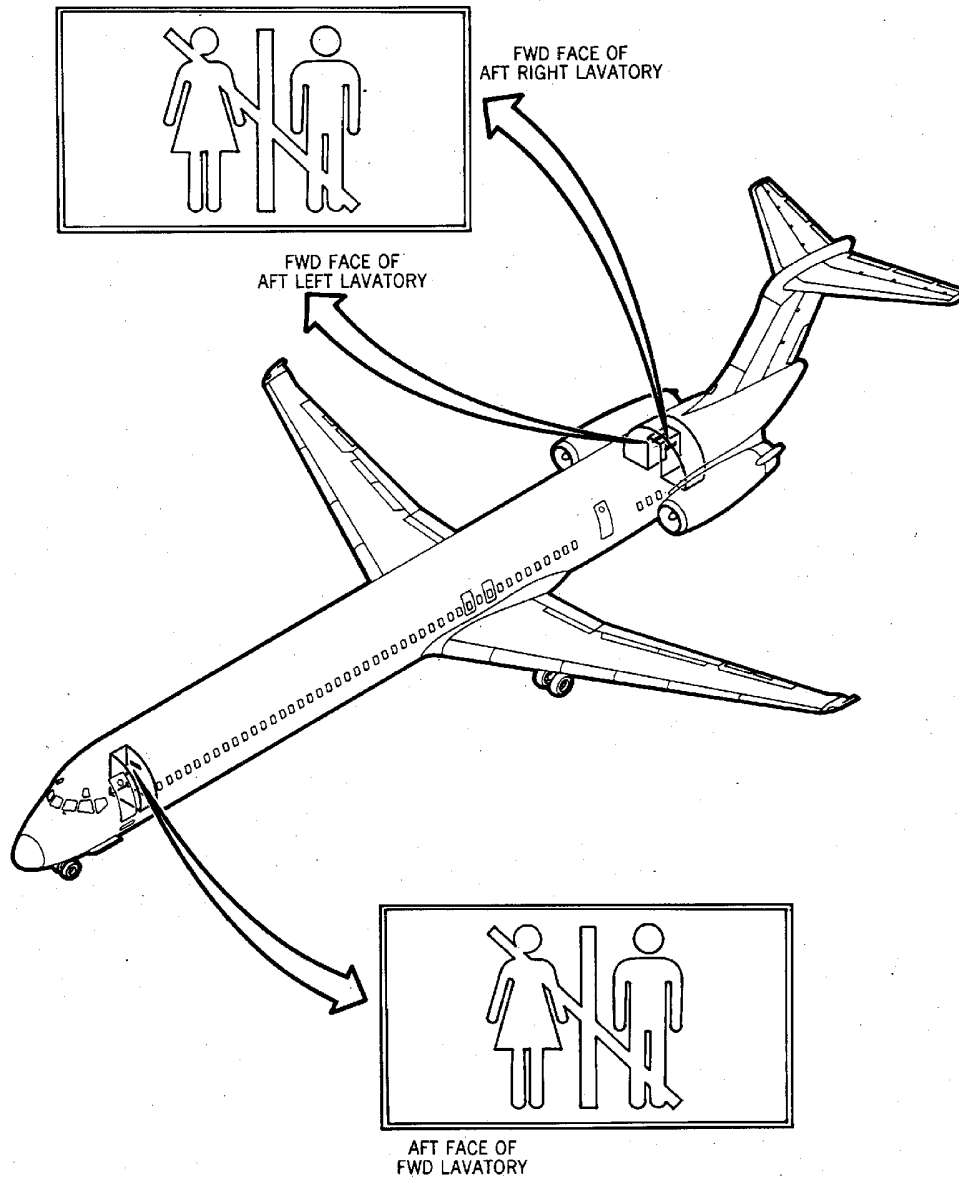
EFFECTIVITY
WJE 893

TP-80MM-WJE

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BBB2-11-122

Interior Markings -- Passenger Instruction (Lavatories)
Figure 4/11-34-03-990-882 (Sheet 1 of 2)

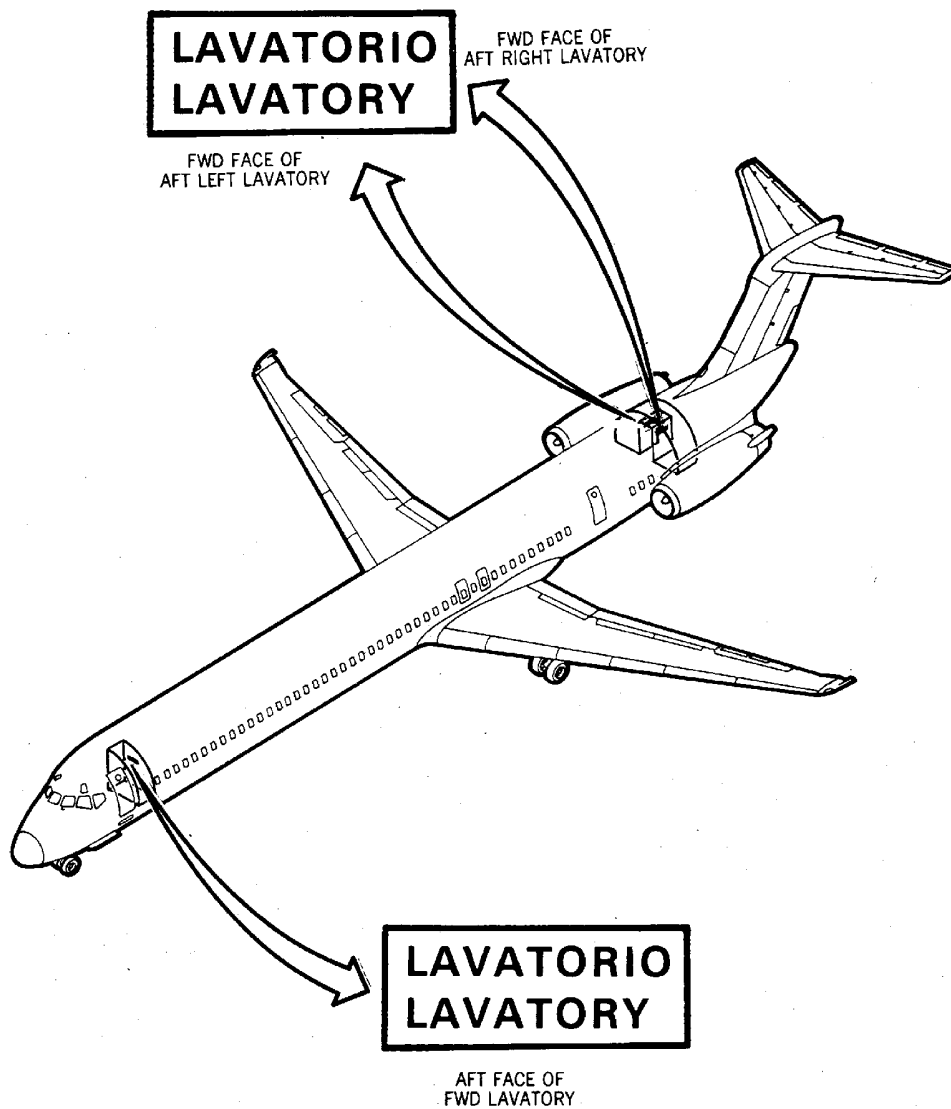
EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

TP-80MM-WJE

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BBB2-11-138

Interior Markings -- Passenger Instruction (Lavatories)
Figure 4/11-34-03-990-882 (Sheet 2 of 2)

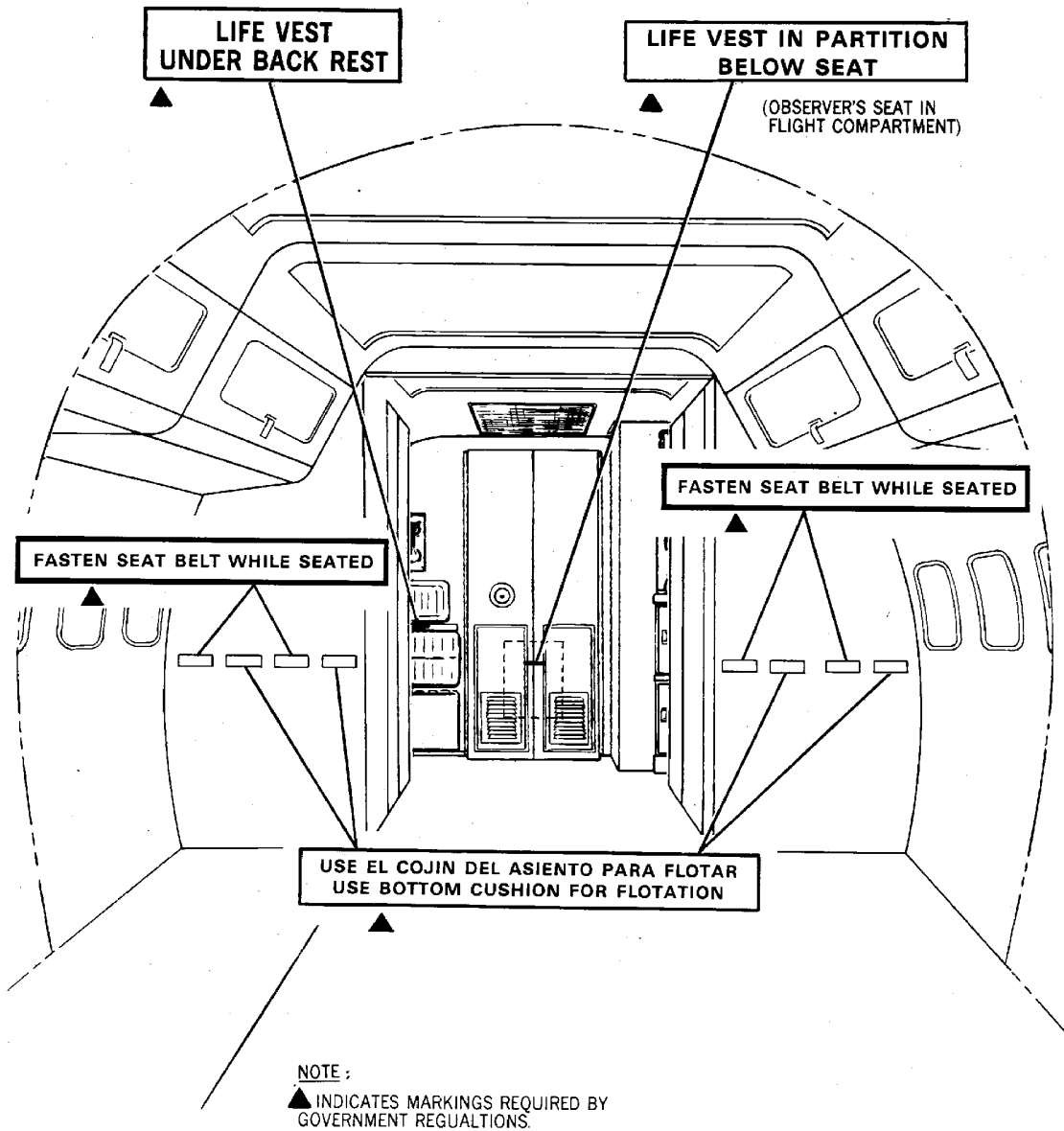
EFFECTIVITY
WJE 405-411, 880, 881, 883, 884

TP-80MM-WJE

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BBB2-11-136A

Internal Markings -- Passenger Instructions (Flotation Equipment)
Figure 5/11-34-03-990-883

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

TP-80MM-WJE

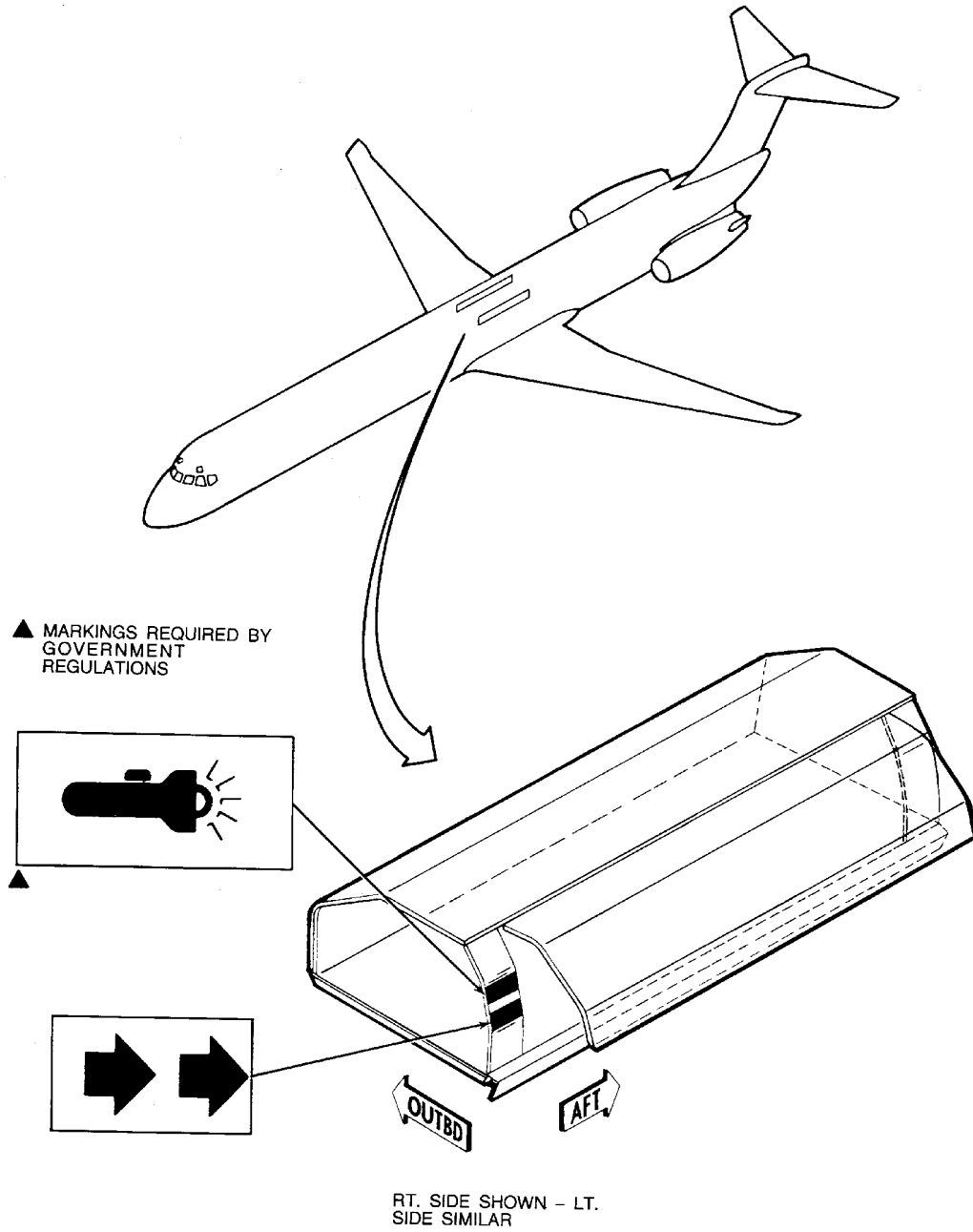
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BBB2-11-625

Internal Markings -- Passenger Instructions (Flashlights)
Figure 6/11-34-03-990-886

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

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PASSENGER INSTRUCTION SIGNS - DESCRIPTION AND OPERATION

1. Passenger Instructions Signs

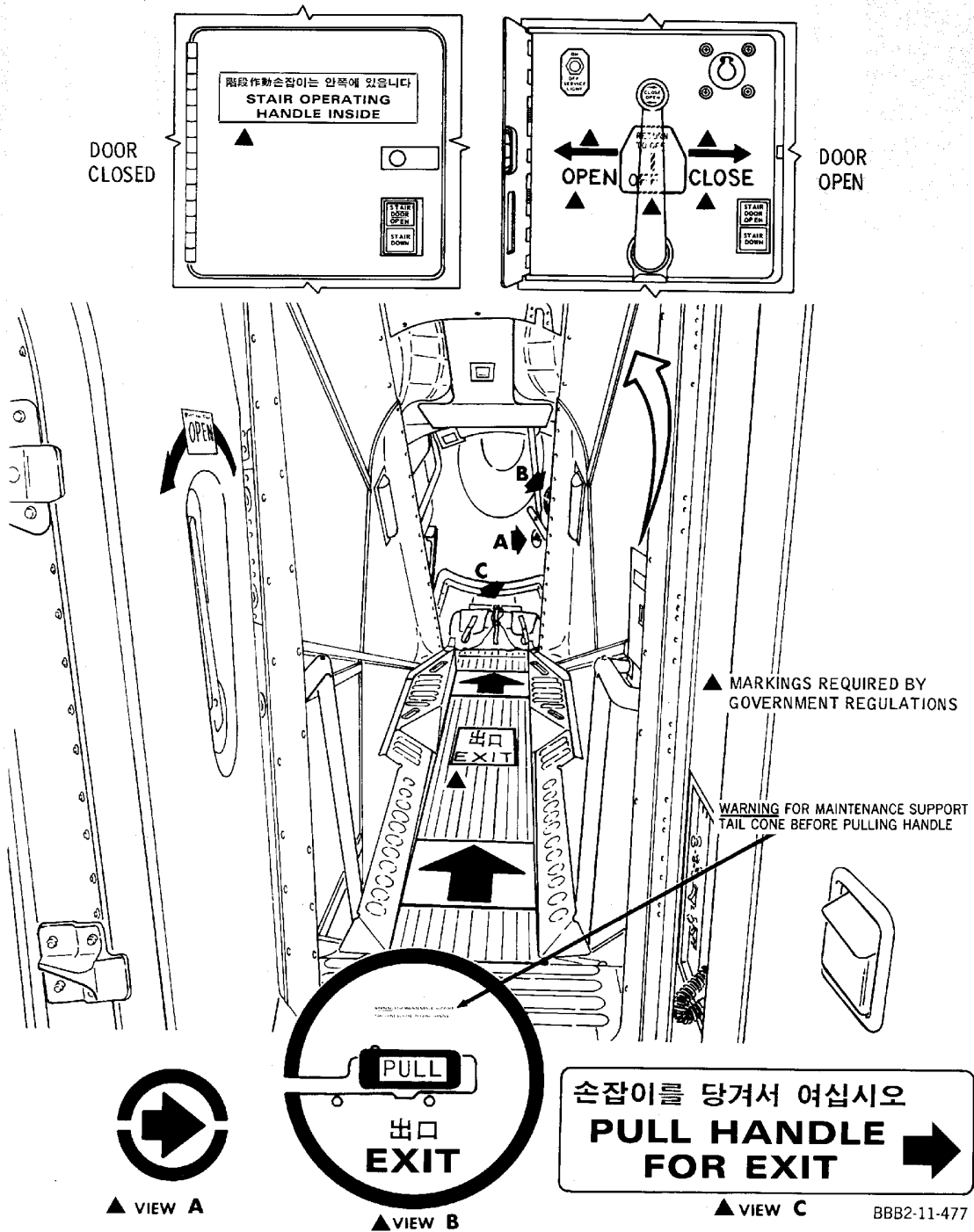
EFFECTIVITY
WJE 875-879

TP-80MM-WJE

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Internal Markings -- Passenger Instructions (Aft Entrance)
Figure 1/11-34-03-990-871

EFFECTIVITY
WJE 875-879

TP-80MM-WJE

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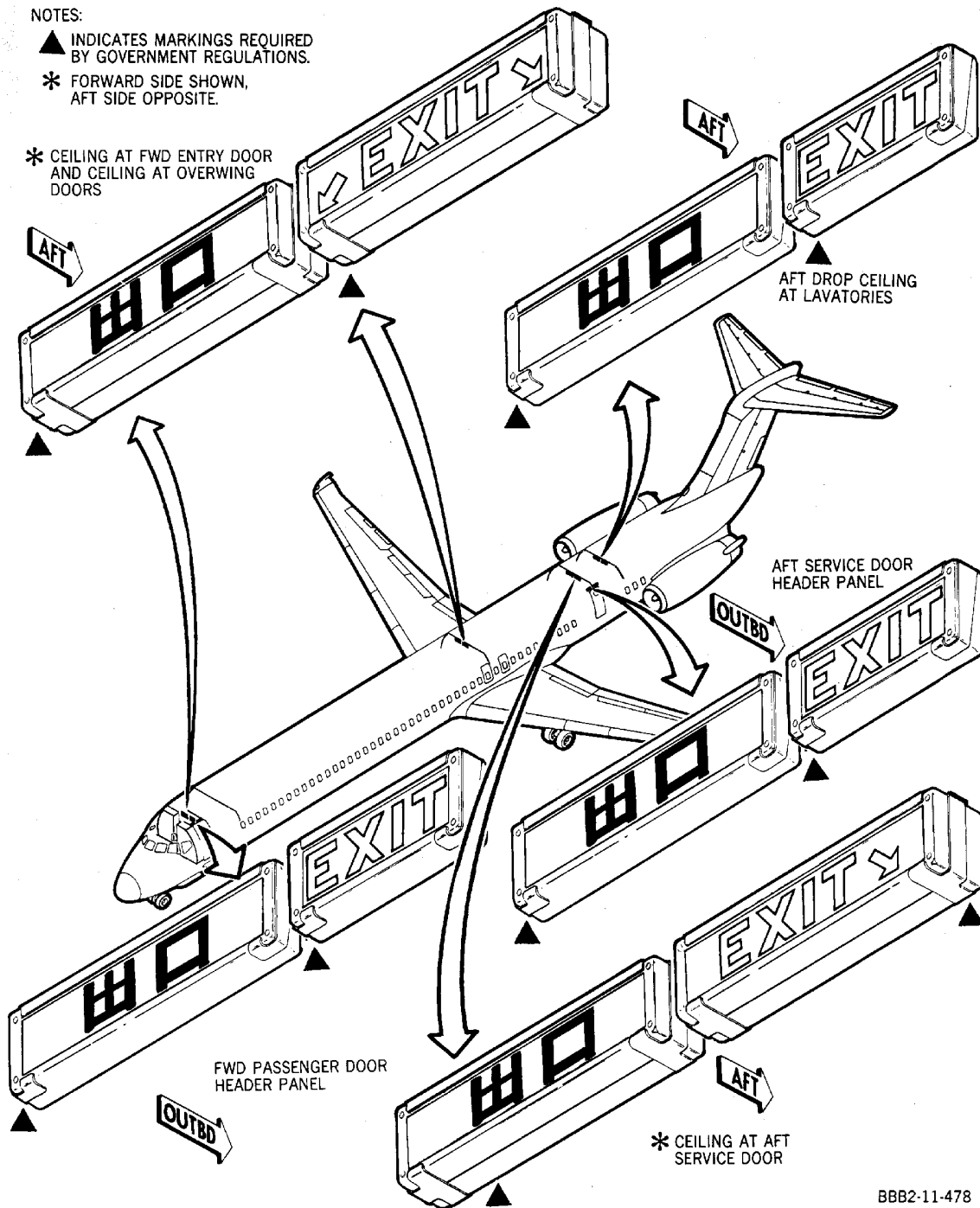
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NOTES:

▲ INDICATES MARKINGS REQUIRED BY GOVERNMENT REGULATIONS.

* FORWARD SIDE SHOWN, AFT SIDE OPPOSITE.

* CEILING AT FWD ENTRY DOOR AND CEILING AT OVERWING DOORS



BBB2-11-478

**Internal Markings -- Passenger Instruction (Exits)
Figure 2/11-34-03-990-872**

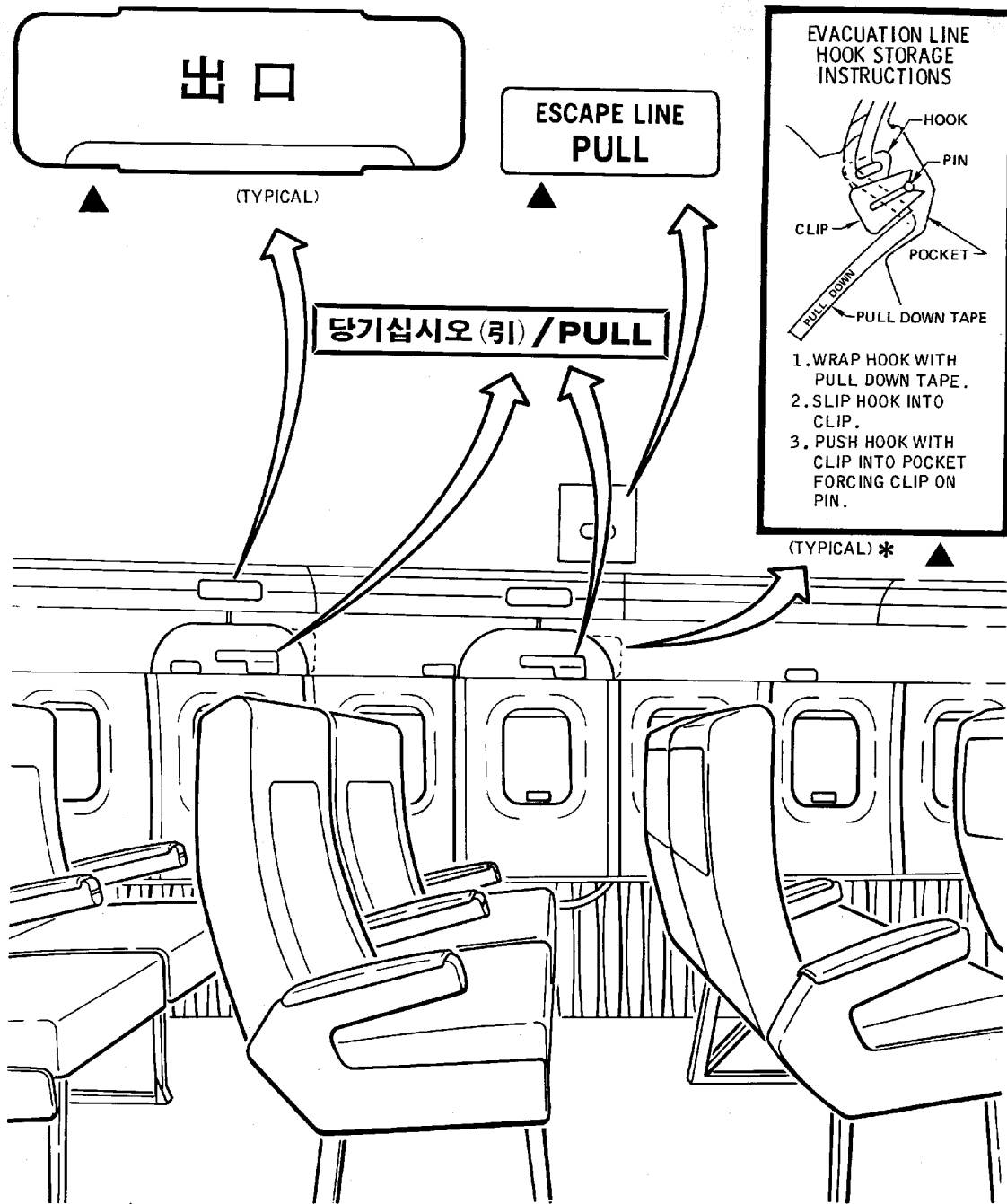
EFFECTIVITY
WJE 875-879

TP-80MM-WJE

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▲ MARKINGS REQUIRED BY GOVERNMENT REGULATIONS
* LOCATED FORWARD EDGE OF EACH EMERGENCY EXIT DOOR JAMB

BBB2-11-479

Internal Markings -- Passenger Instruction (Emergency Exits)
Figure 3/11-34-03-990-873

EFFECTIVITY
WJE 875-879

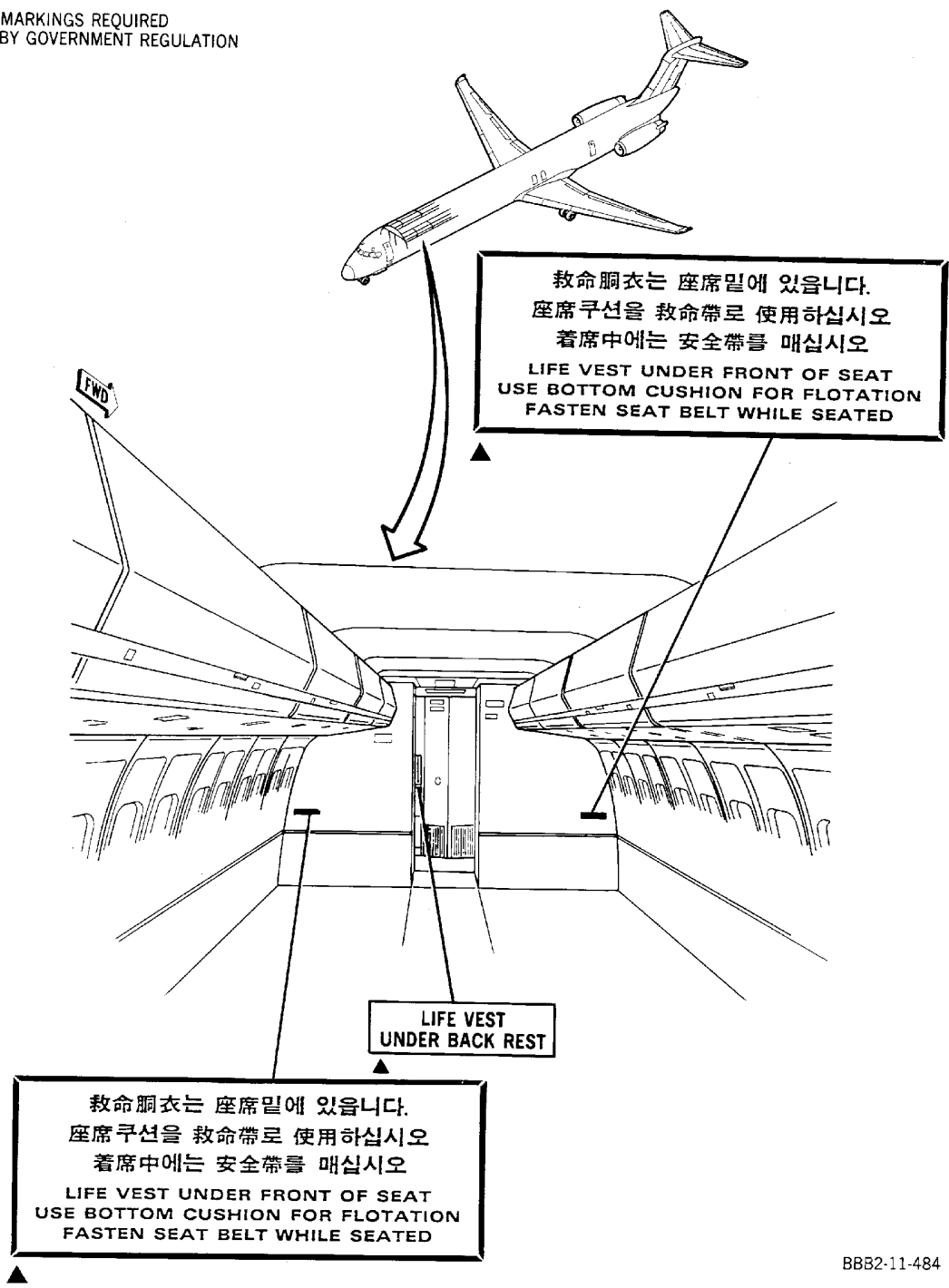
TP-80MM-WJE

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▲ MARKINGS REQUIRED
BY GOVERNMENT REGULATION



Internal Markings -- Passenger Instructions (Flotation Equipment)
Figure 4/11-34-03-990-874 (Sheet 1 of 2)

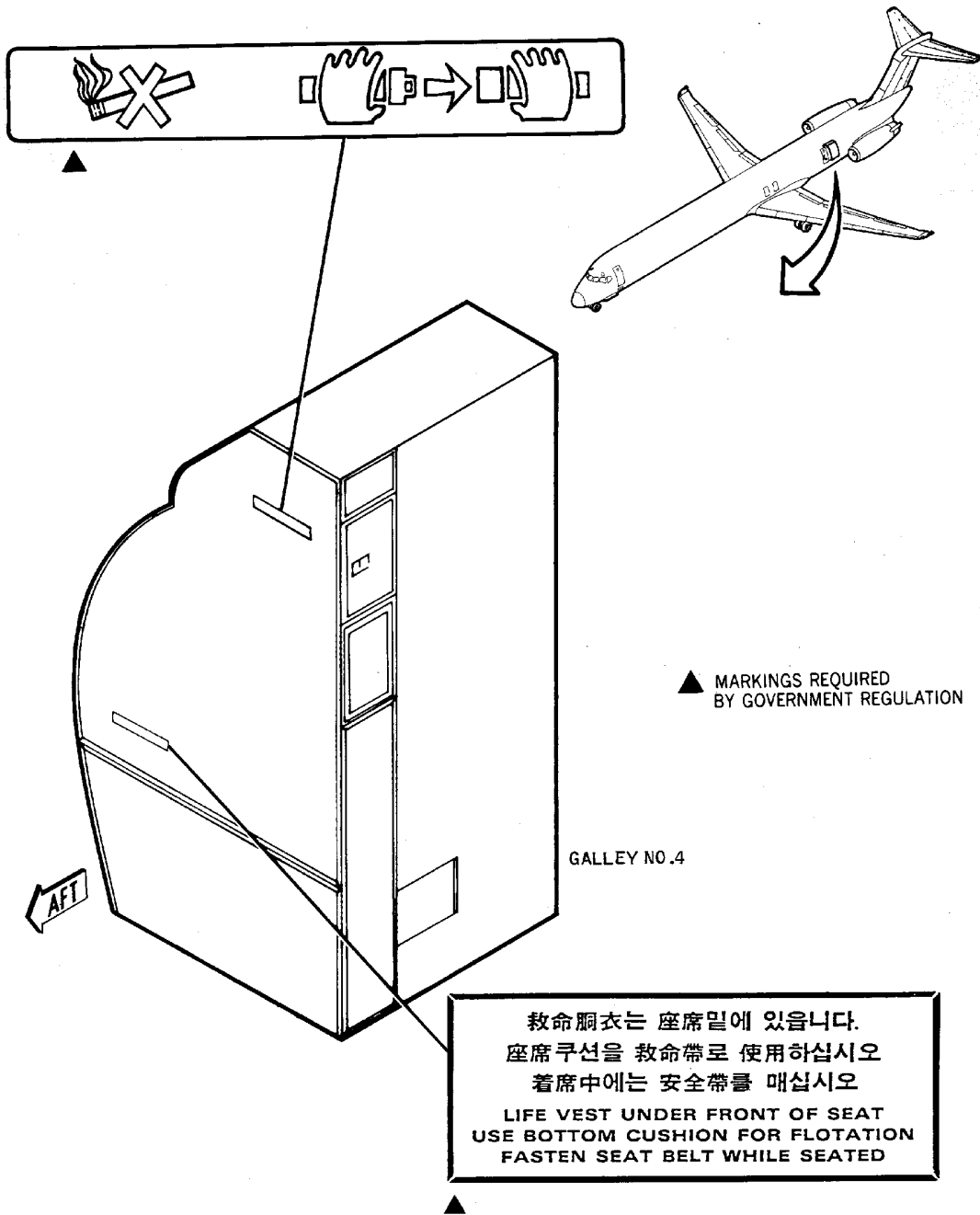
EFFECTIVITY
WJE 875-879

TP-80MM-WJE

11-34-03

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BBB2-11-485

Internal Markings -- Passenger Instructions (Flotation Equipment)
Figure 4/11-34-03-990-874 (Sheet 2 of 2)

EFFECTIVITY
WJE 875-879

TP-80MM-WJE

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WJE **PASSENGER INSTRUCTION SIGNS - DESCRIPTION AND OPERATION**

WJE **1. Passenger Instructions Signs**

EFFECTIVITY
WJE 412, 414; ME ORIGINATED DATA

TP-80MM-WJE

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OXYGEN SIGNS - DESCRIPTION AND OPERATION

1. Oxygen Signs - Internal Markings

EFFECTIVITY

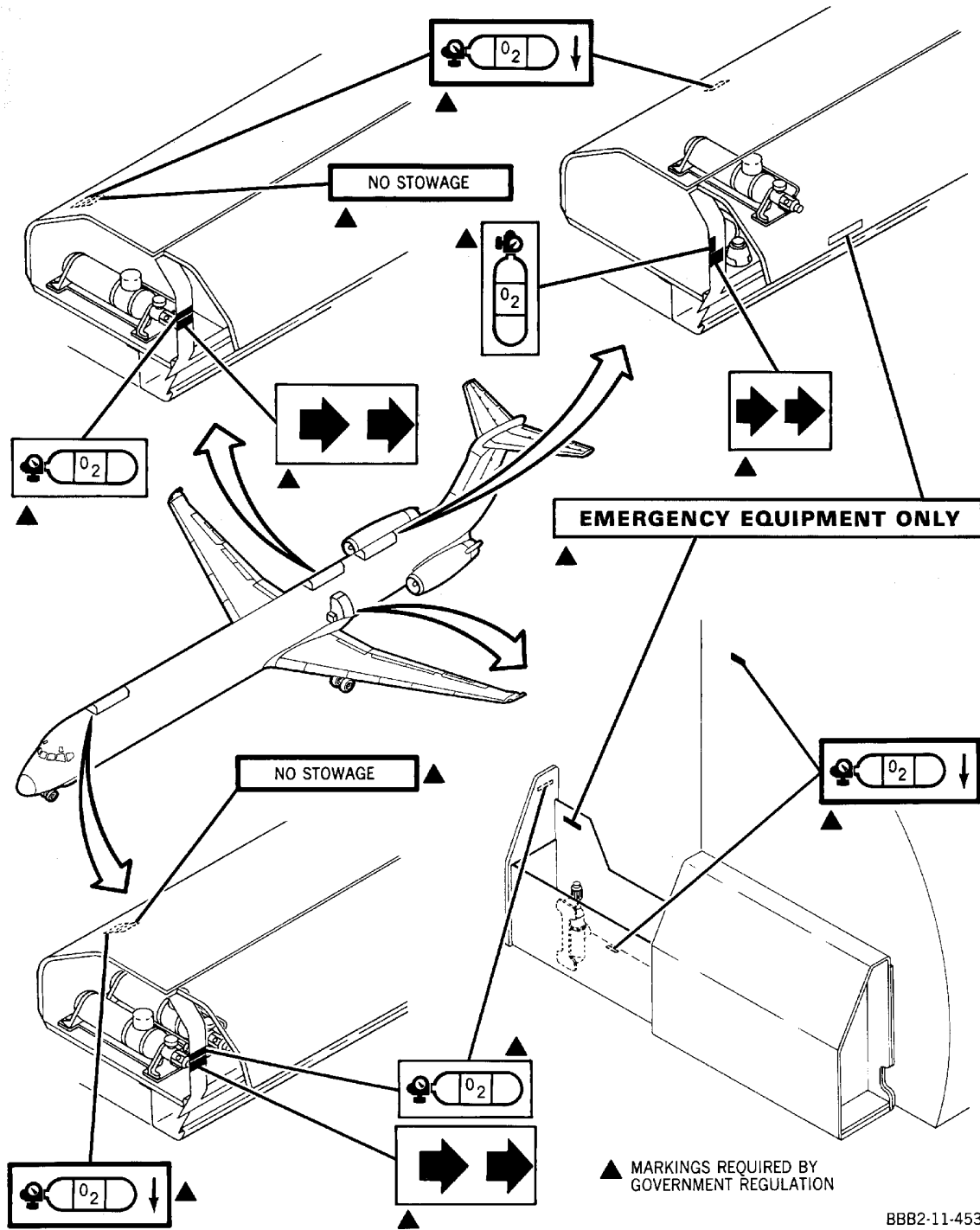
**WJE 401-404, 406-408, 411, 412, 414-427, 429,
861-866, 868, 869, 871-880, 886, 887, 891-893**

TP-80MM-WJE

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Internal Markings -- Oxygen Signs
Figure 1/11-34-04-990-802 (Sheet 1 of 6)

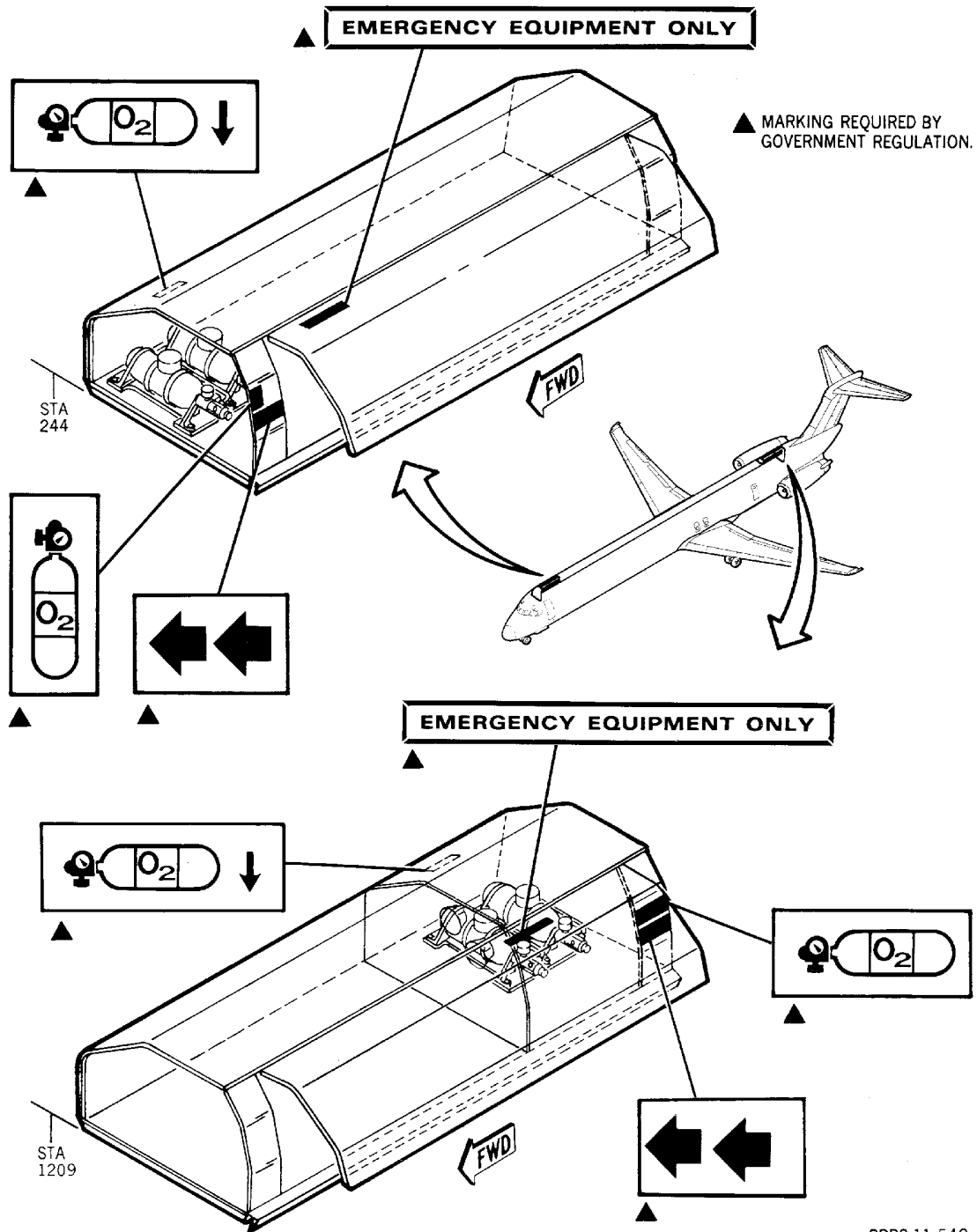
EFFECTIVITY
WJE 406-408, 411, 880

TP-80MM-WJE

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8882-11-542

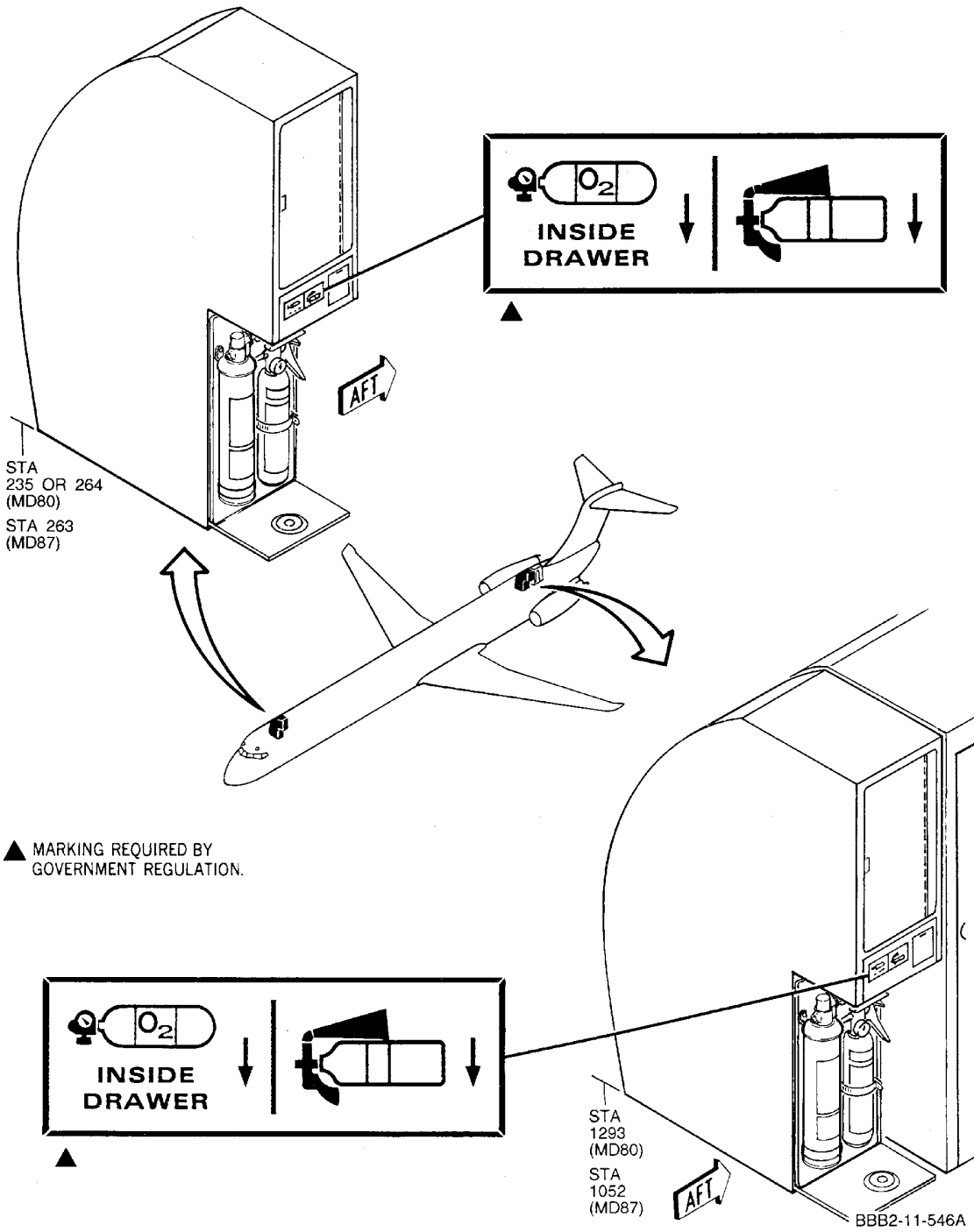
Internal Markings -- Oxygen Signs
Figure 1/11-34-04-990-802 (Sheet 2 of 6)

EFFECTIVITY
WJE 875-879

TP-80MM-WJE

11-34-04

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Internal Markings -- Oxygen Signs
Figure 1/11-34-04-990-802 (Sheet 3 of 6)

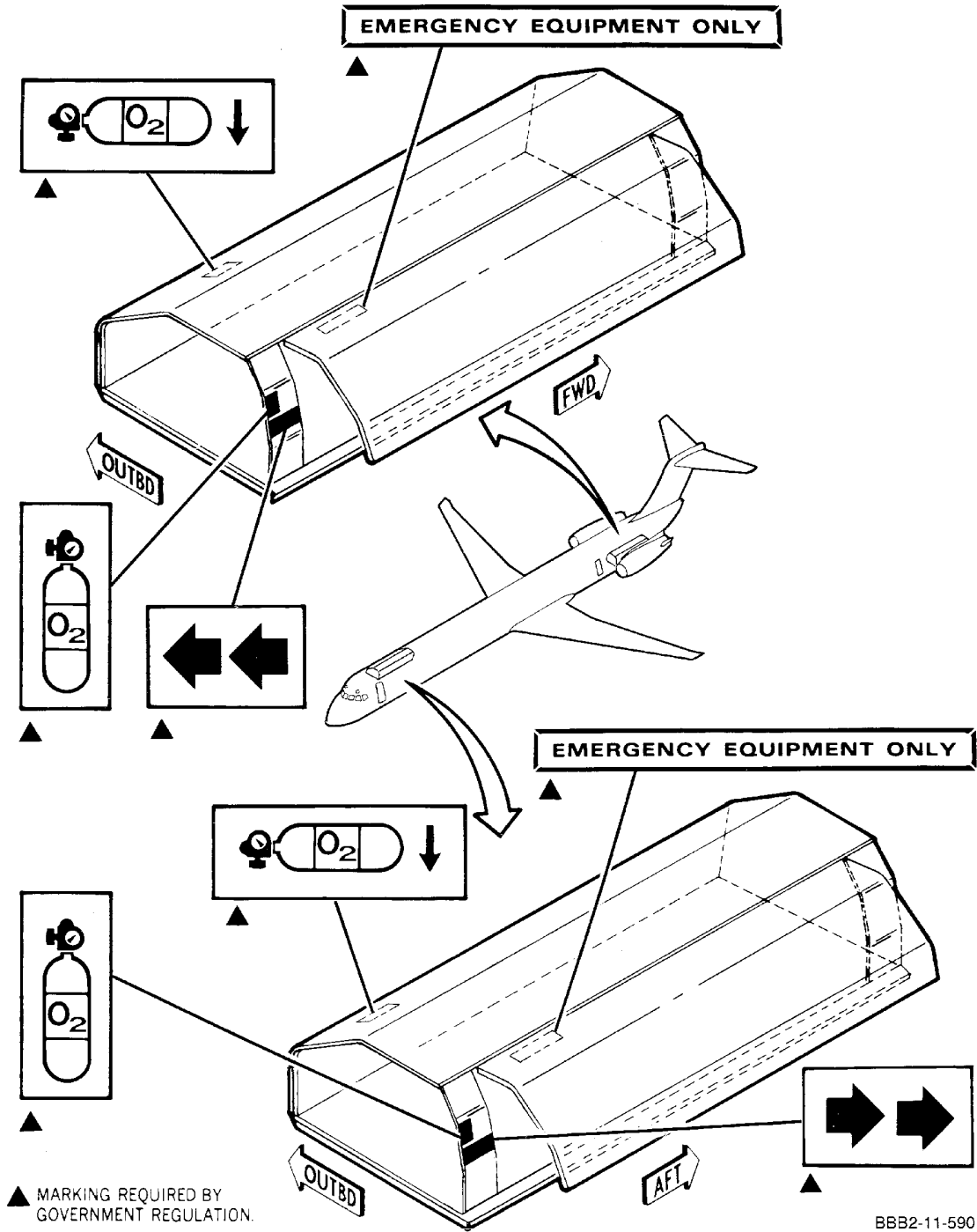
EFFECTIVITY
WJE 415-427, 429, 861-866, 868, 869, 871, 872, 891

11-34-04

TP-80MM-WJE

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Internal Markings -- Oxygen Signs
Figure 1/11-34-04-990-802 (Sheet 4 of 6)

EFFECTIVITY
WJE 873, 874, 892, 893

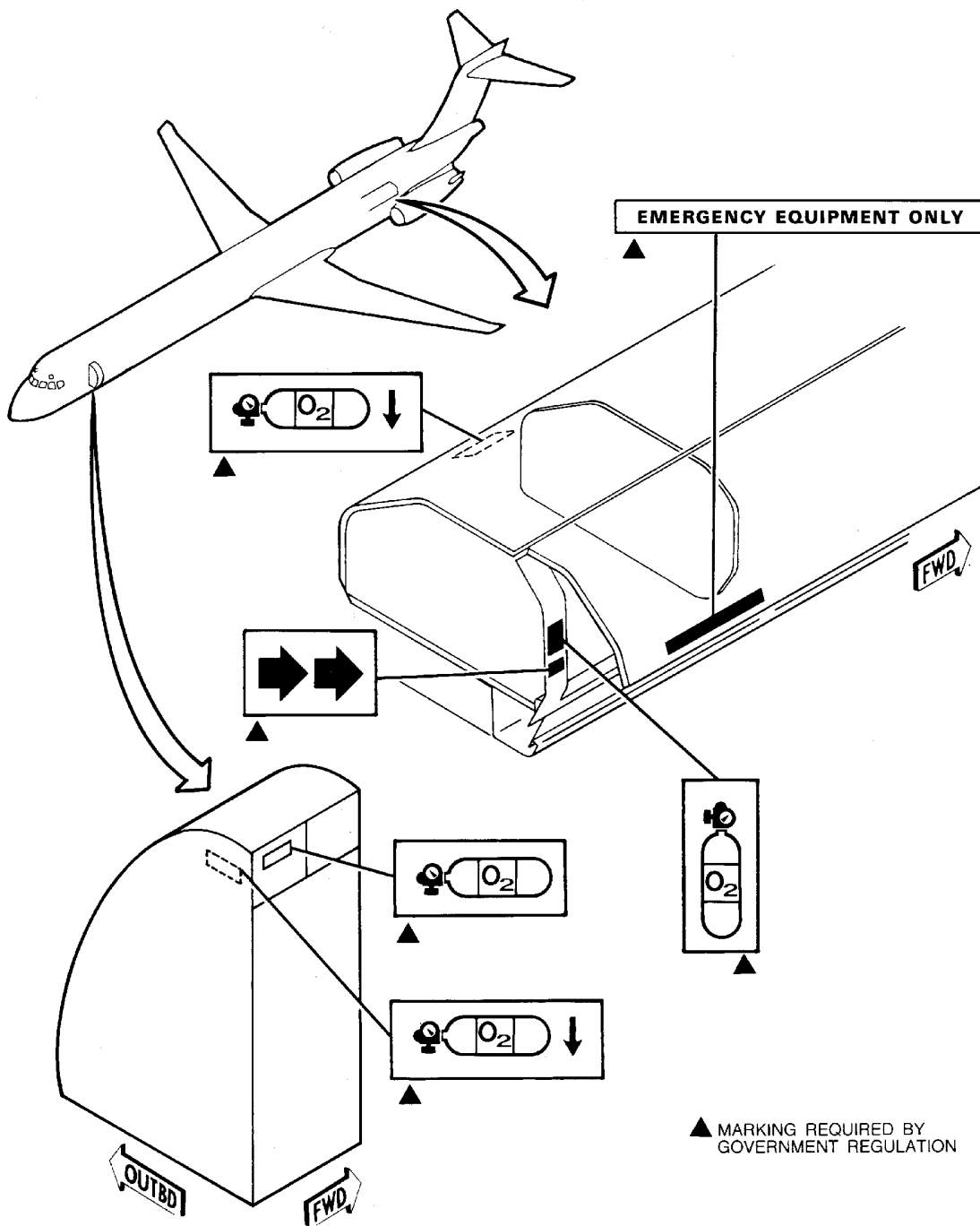
TP-80MM-WJE

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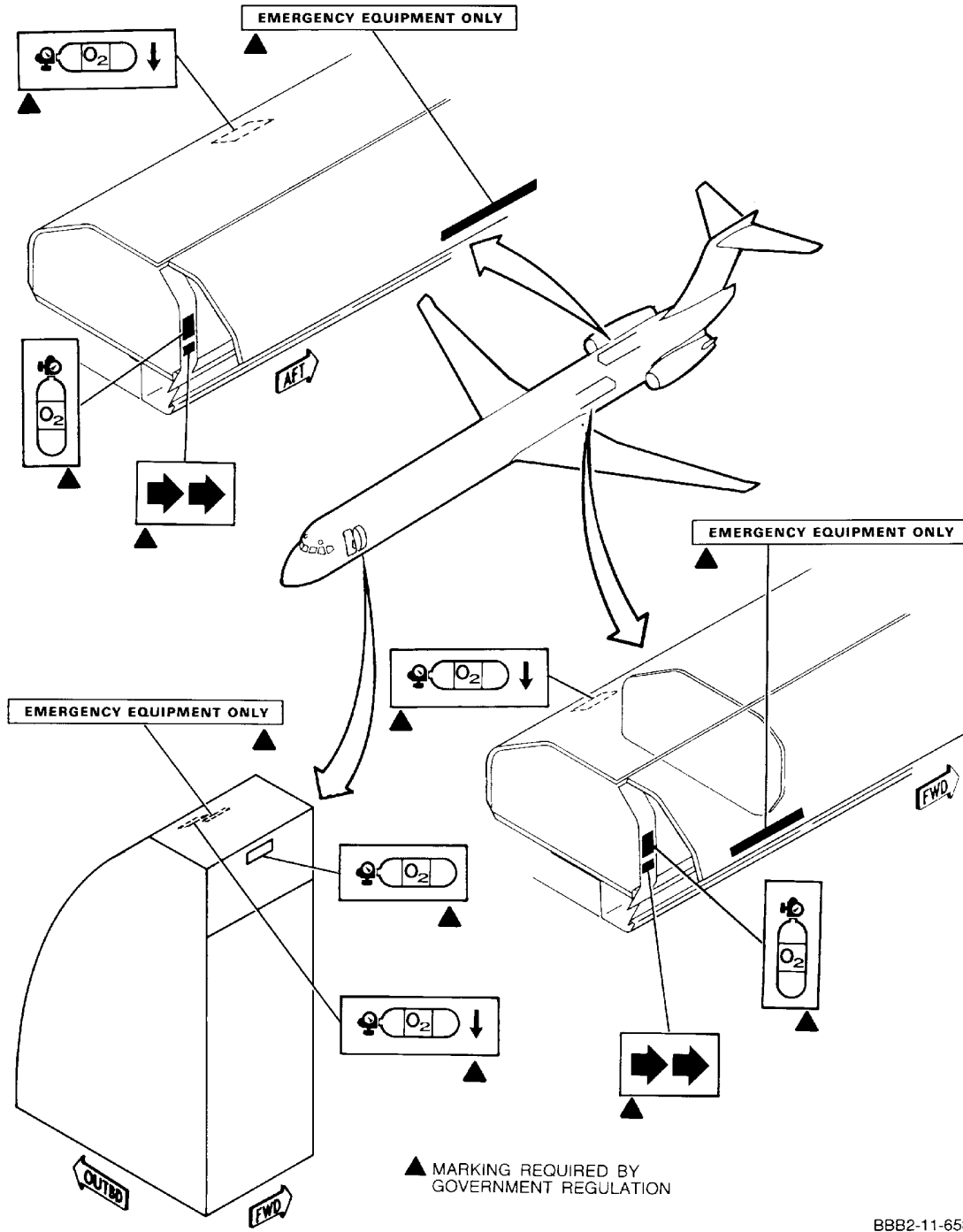
Internal Markings -- Oxygen Signs
Figure 1/11-34-04-990-802 (Sheet 5 of 6)

EFFECTIVITY
WJE 886, 887

11-34-04

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BBB2-11-658

Internal Markings -- Oxygen Signs
Figure 1/11-34-04-990-802 (Sheet 6 of 6)

EFFECTIVITY
WJE 401-404, 412, 414

TP-80MM-WJE

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AIRCRAFT MAINTENANCE MANUAL**

FIRE EXTINGUISHER SIGNS - DESCRIPTION AND OPERATION

1. Fire Extinguisher Signs - Internal Markings

EFFECTIVITY
WJE 401-404, 412, 414, 886, 887

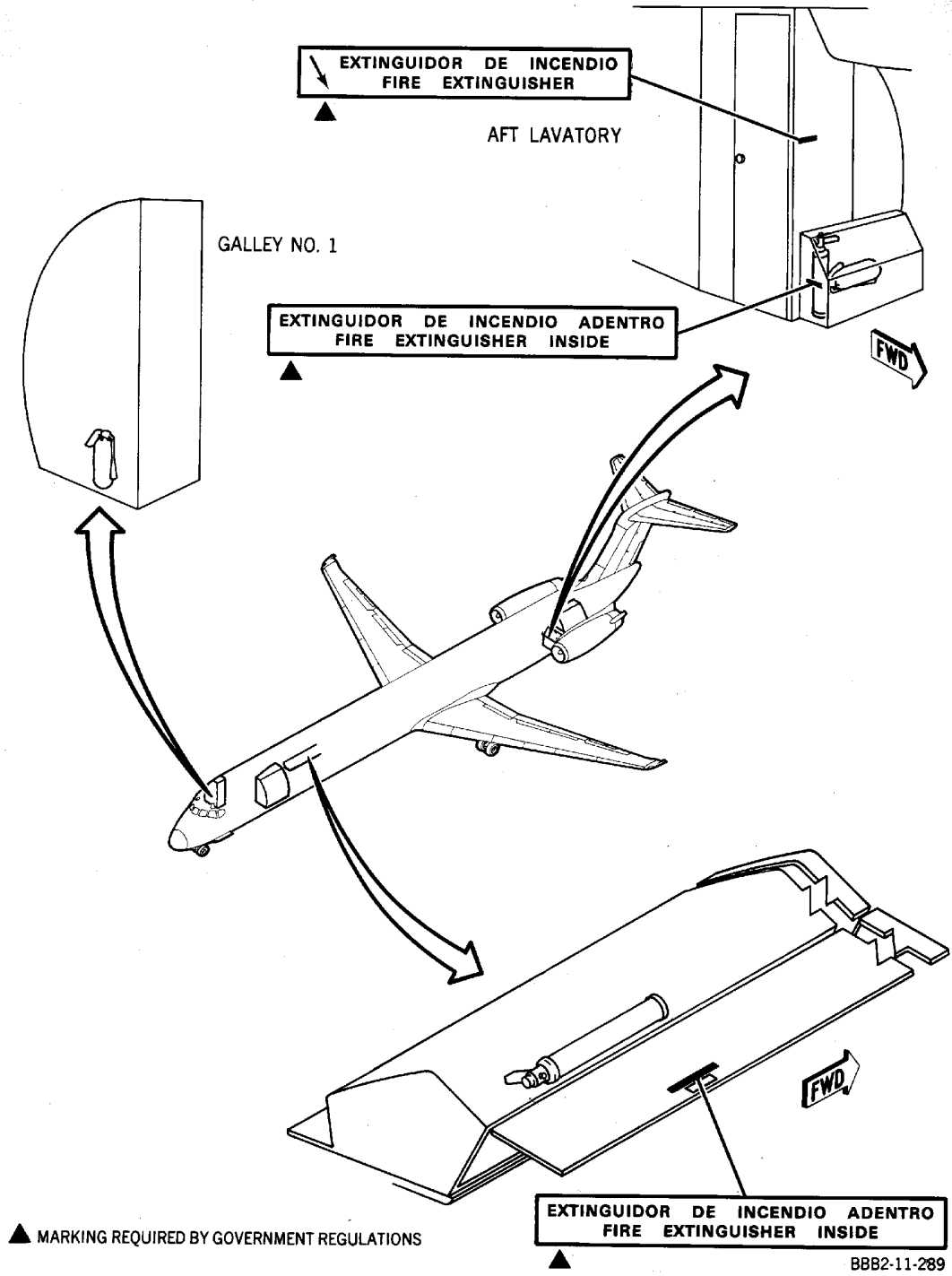
TP-80MM-WJE

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Internal Markings -- Fire Extinguisher Signs
Figure 1/11-34-05-990-801

EFFECTIVITY
WJE 886, 887

TP-80MM-WJE

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FIRE EXTINGUISHER SIGNS - DESCRIPTION AND OPERATION

1. Fire Extinguisher Signs - Internal Markings

EFFECTIVITY

**WJE 405-411, 415-427, 429, 861-866, 868, 869,
871-874, 880, 881, 883, 884, 891-893**

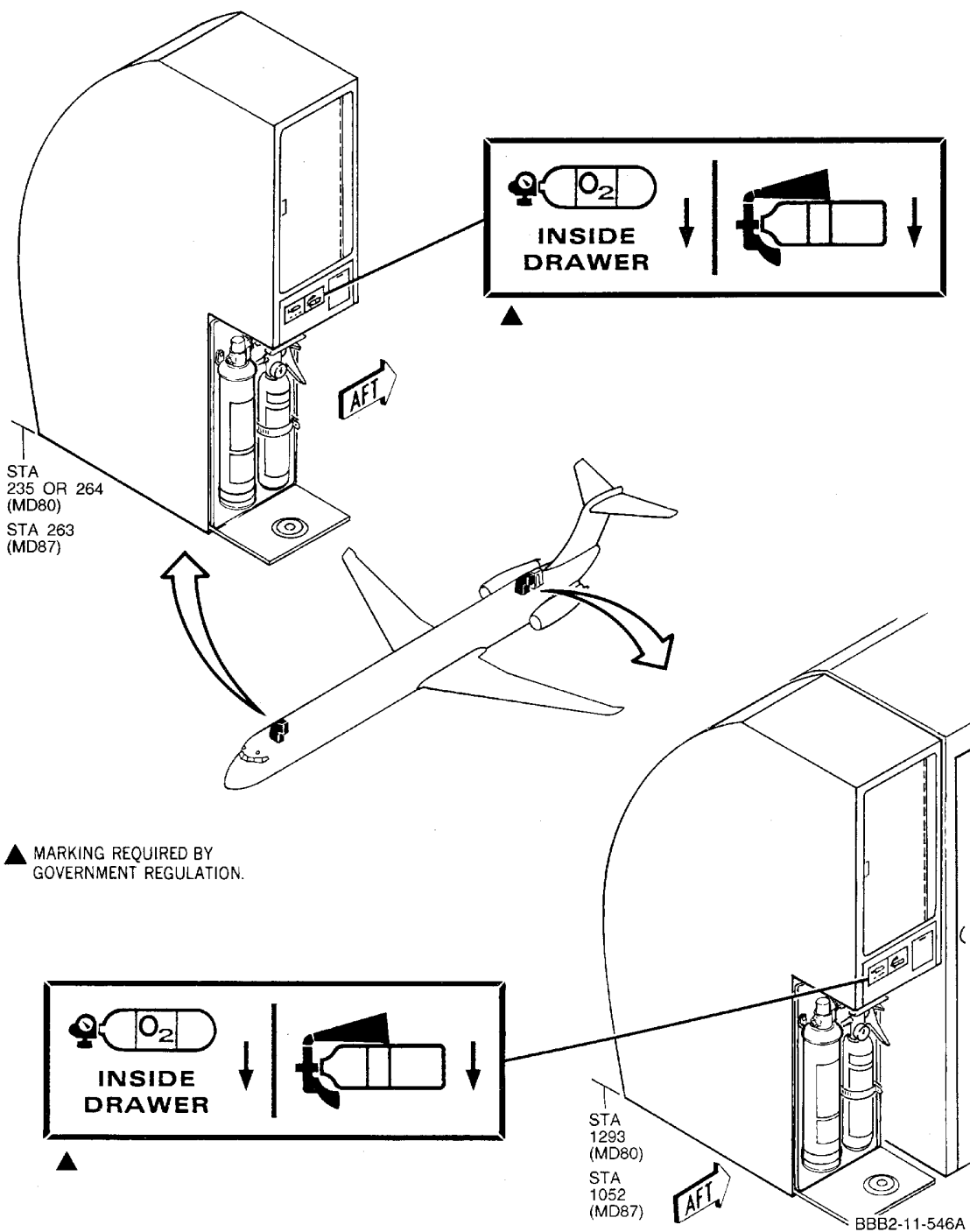
TP-80MM-WJE

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**Internal Markings -- Fire Extinguisher Signs
Figure 1/11-34-05-990-802 (Sheet 1 of 3)**

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

TP-80MM-WJE

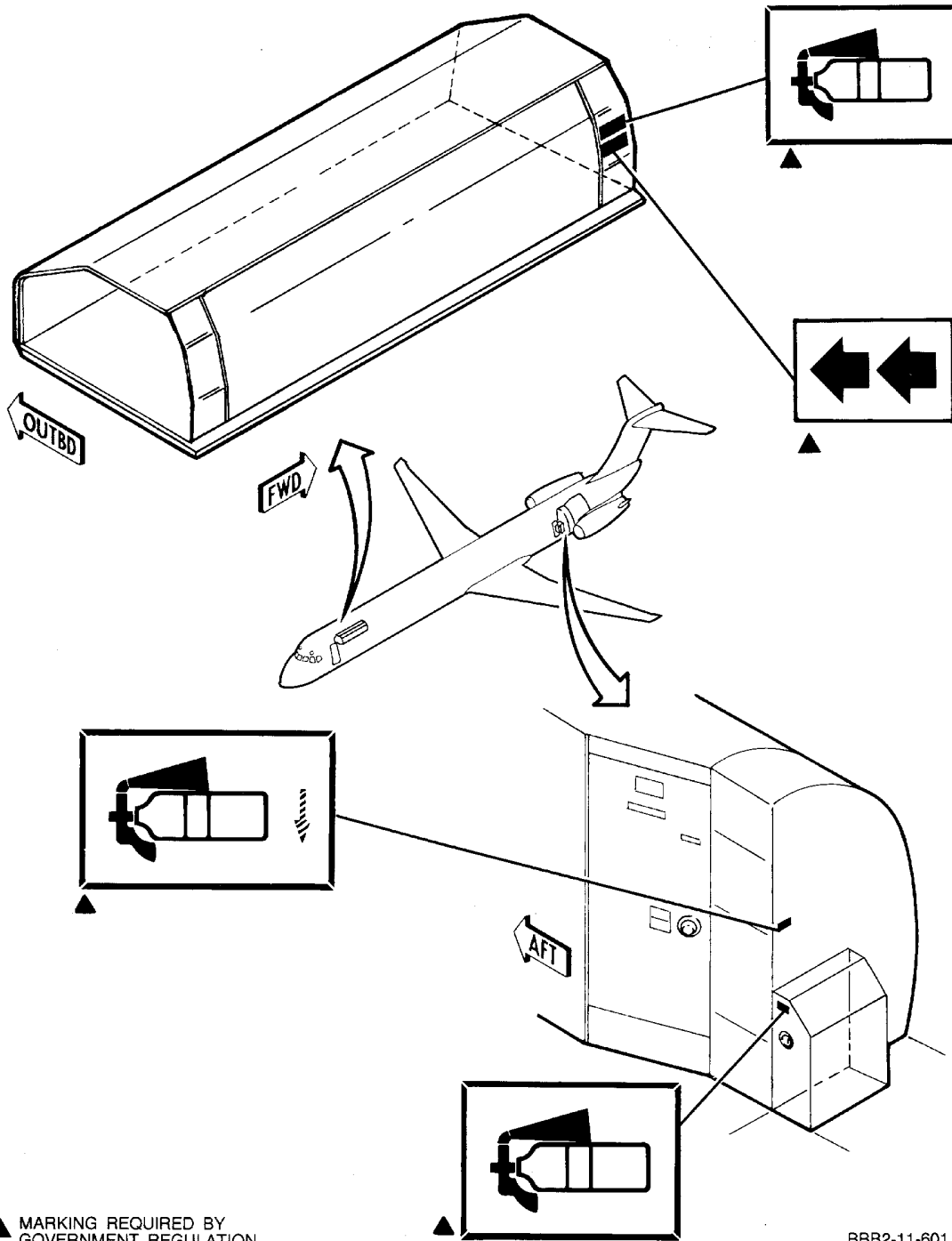
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▲ MARKING REQUIRED BY GOVERNMENT REGULATION.

BBB2-11-601

Internal Markings -- Fire Extinguisher Signs
Figure 1/11-34-05-990-802 (Sheet 2 of 3)

EFFECTIVITY
WJE 873, 874, 892, 893

TP-80MM-WJE

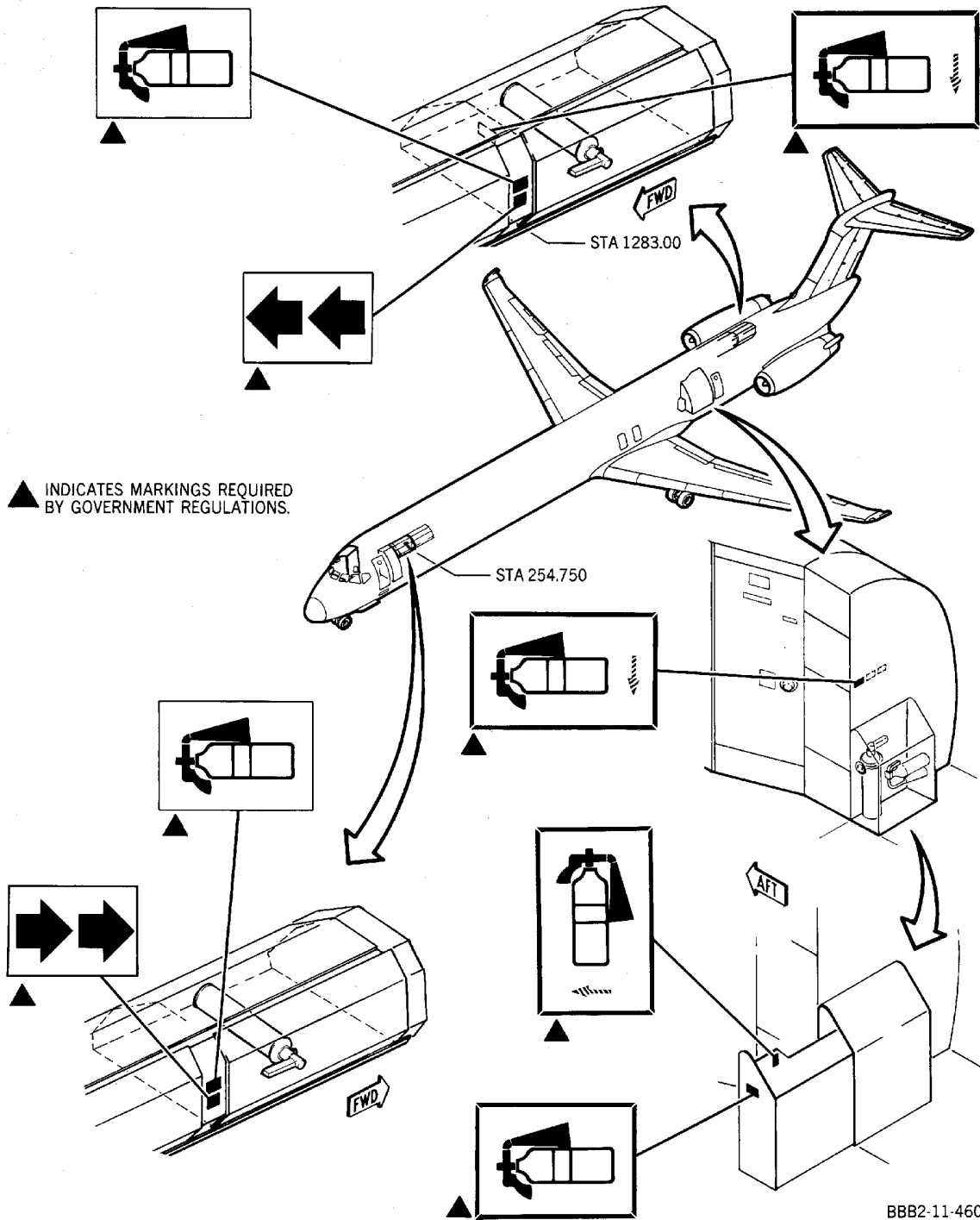
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**Internal Markings -- Fire Extinguisher Signs
Figure 1/11-34-05-990-802 (Sheet 3 of 3)**

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

TP-80MM-WJE

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FIRE EXTINGUISHER SIGNS - DESCRIPTION AND OPERATION

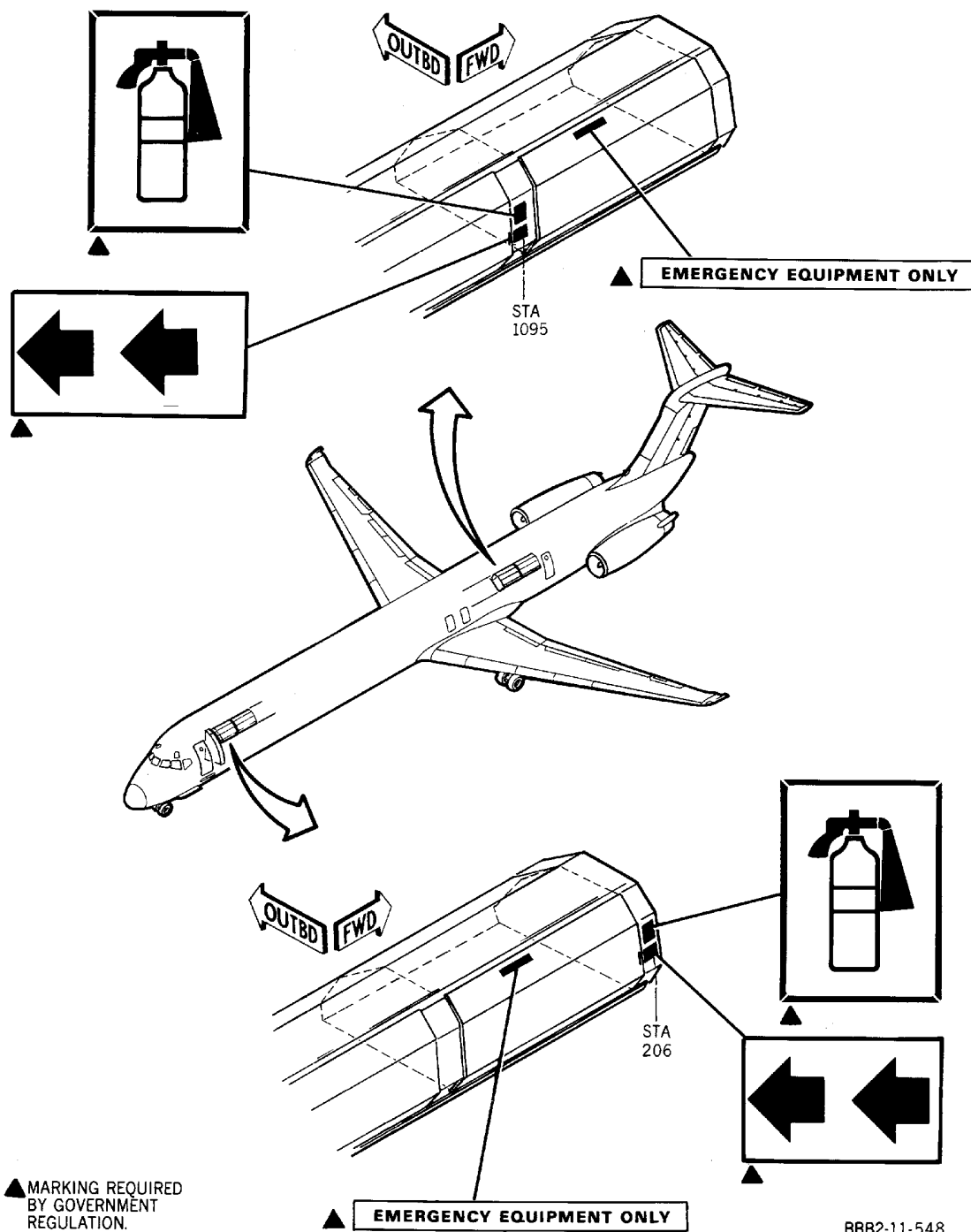
1. Fire Extinguisher Signs - Internal Markings



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BBB2-11-548

Internal Markings -- Fire Extinguisher Signs
Figure 1/11-34-05-990-803

EFFECTIVITY
WJE 875-879

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- WJE**
 - WJE**
 - WJE**
- 1. FIRST AID KIT SIGNS - DESCRIPTION AND OPERATION**
1. First Aid Kit Signs - Internal Markings

EFFECTIVITY
WJE 412, 414

TP-80MM-WJE

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FIRST AID KIT SIGNS - DESCRIPTION AND OPERATION

1. First Aid Kit Signs - Internal Markings

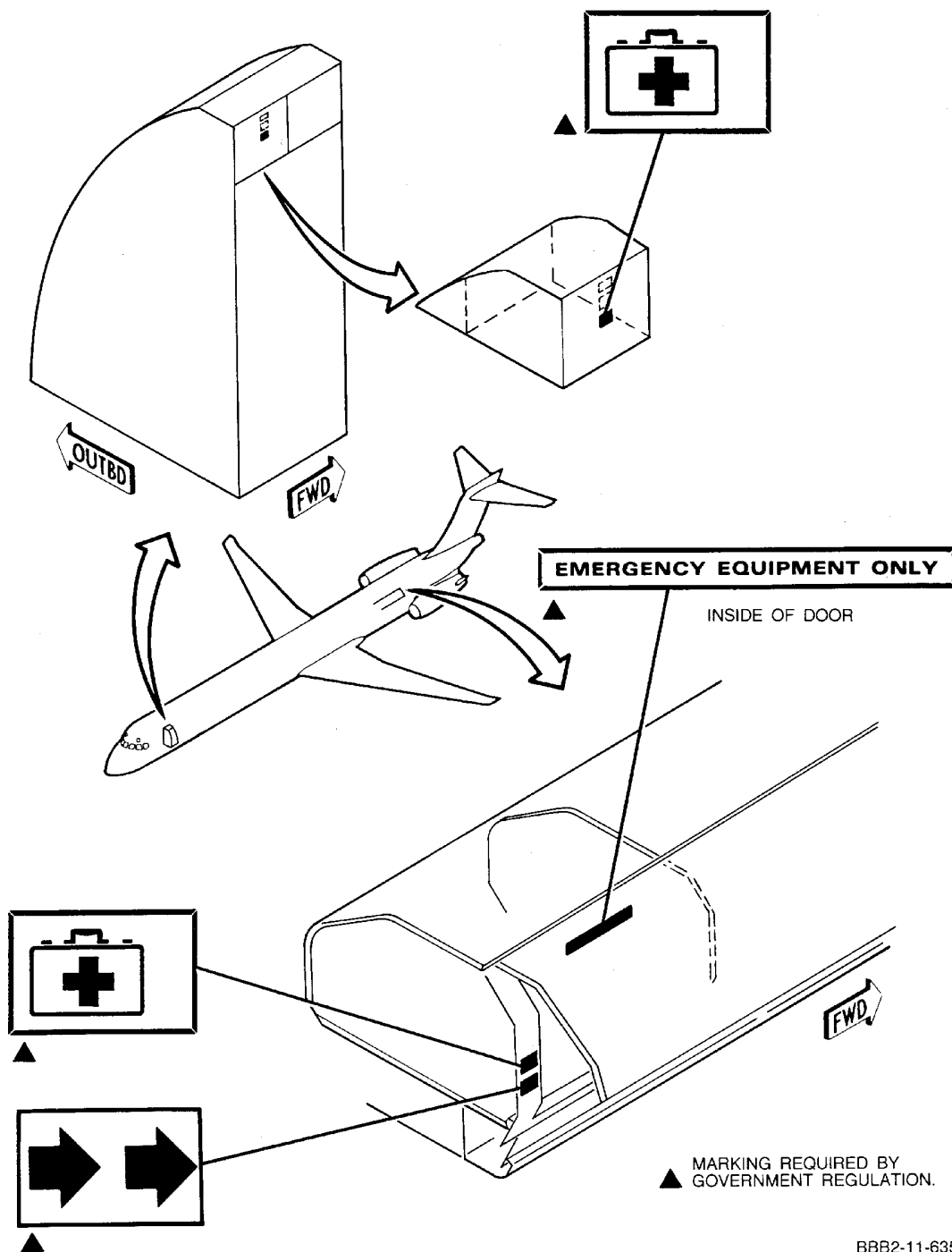


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BBB2-11-635

Internal Markings -- First Aid Kit Signs
Figure 1/11-34-06-990-801

EFFECTIVITY
WJE 886, 887

TP-80MM-WJE

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FIRST AID KIT SIGNS - DESCRIPTION AND OPERATION

1. First Aid Kit Signs - Internal Markings

EFFECTIVITY

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

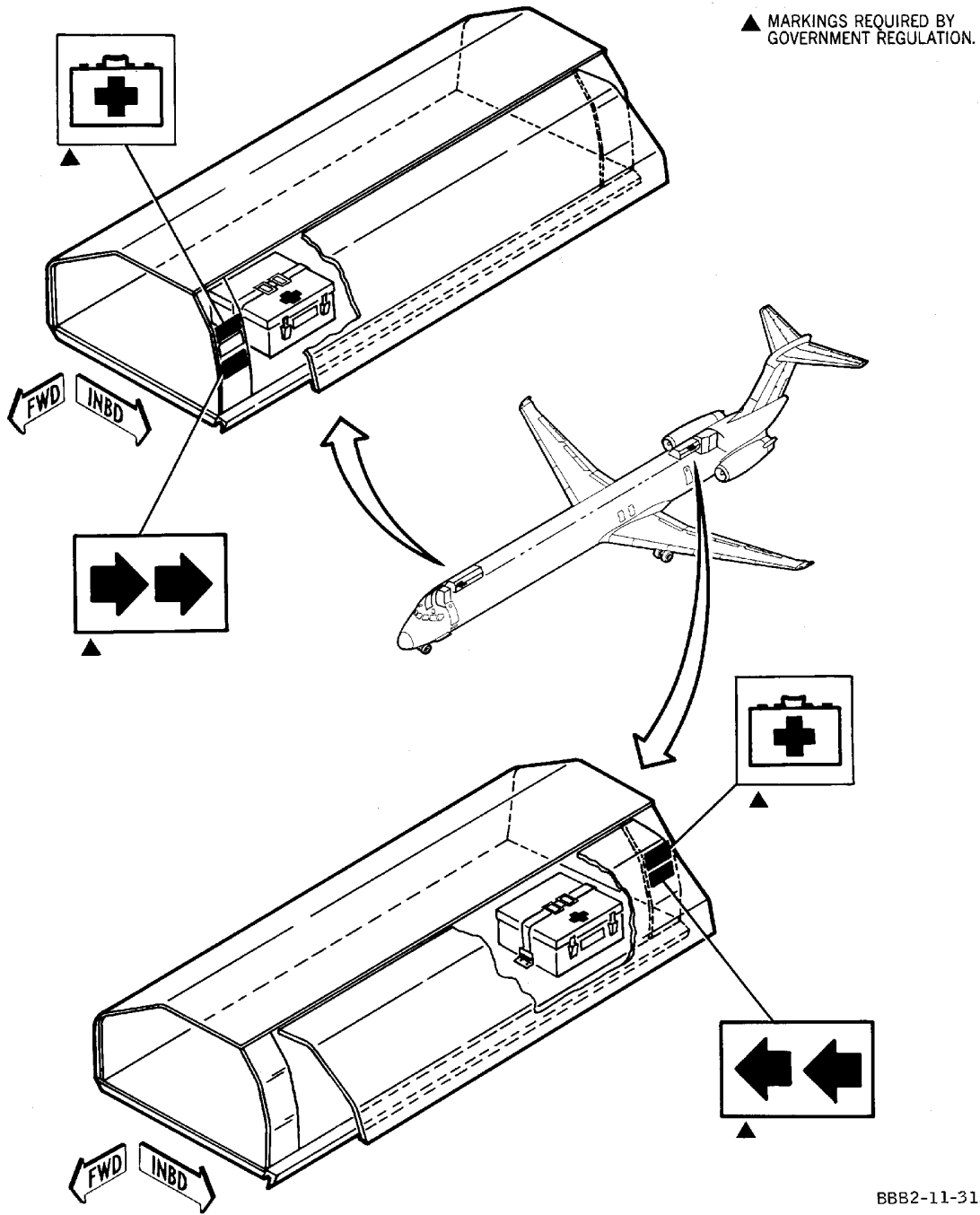
TP-80MM-WJE

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BBB2-11-315

Internal Markings -- First Aid Kit Signs
Figure 1/11-34-06-990-802 (Sheet 1 of 3)

EFFECTIVITY
WJE 405-411, 875-881, 883, 884

TP-80MM-WJE

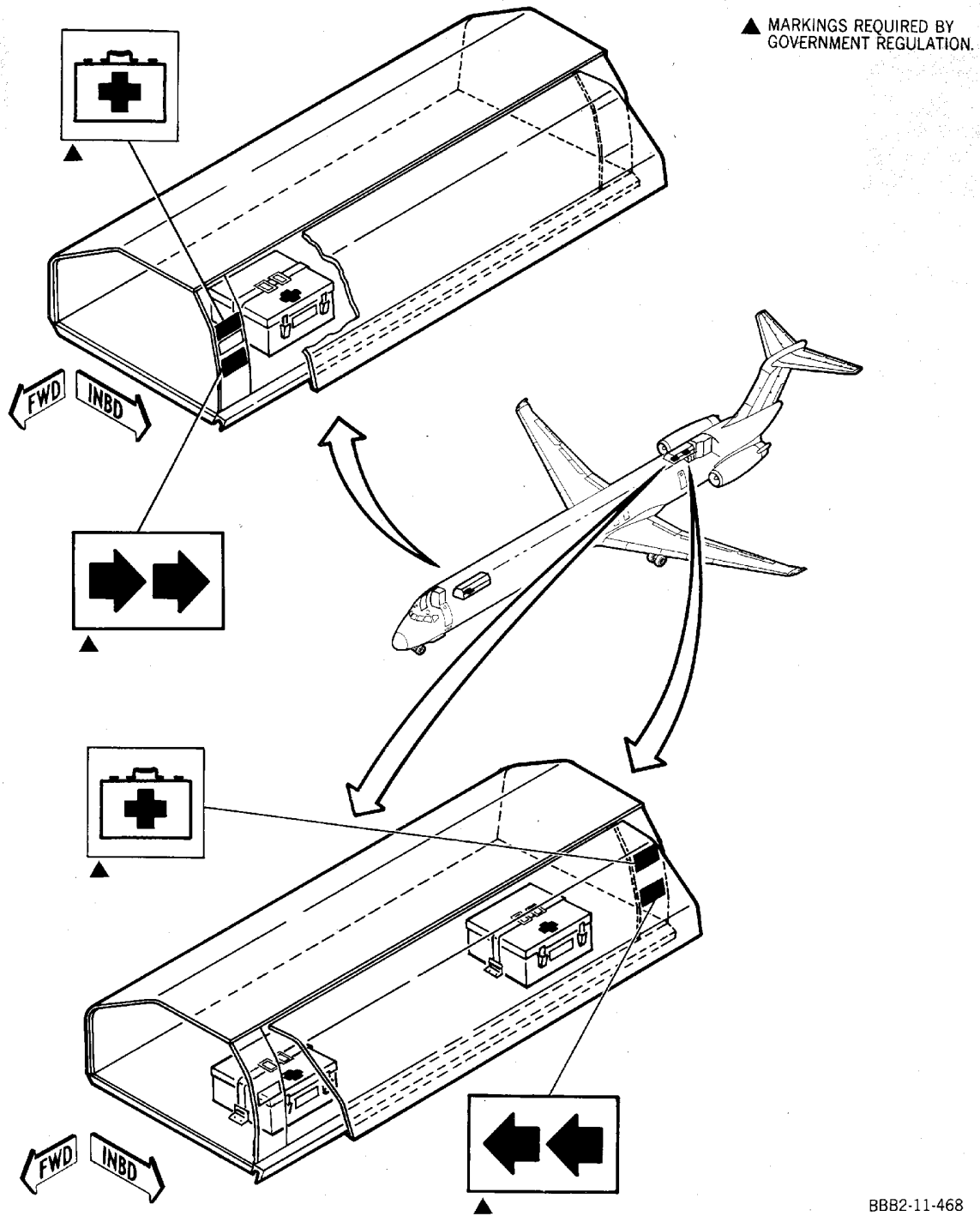
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Internal Markings -- First Aid Kit Signs
Figure 1/11-34-06-990-802 (Sheet 2 of 3)

EFFECTIVITY
WJE 873, 874, 892, 893

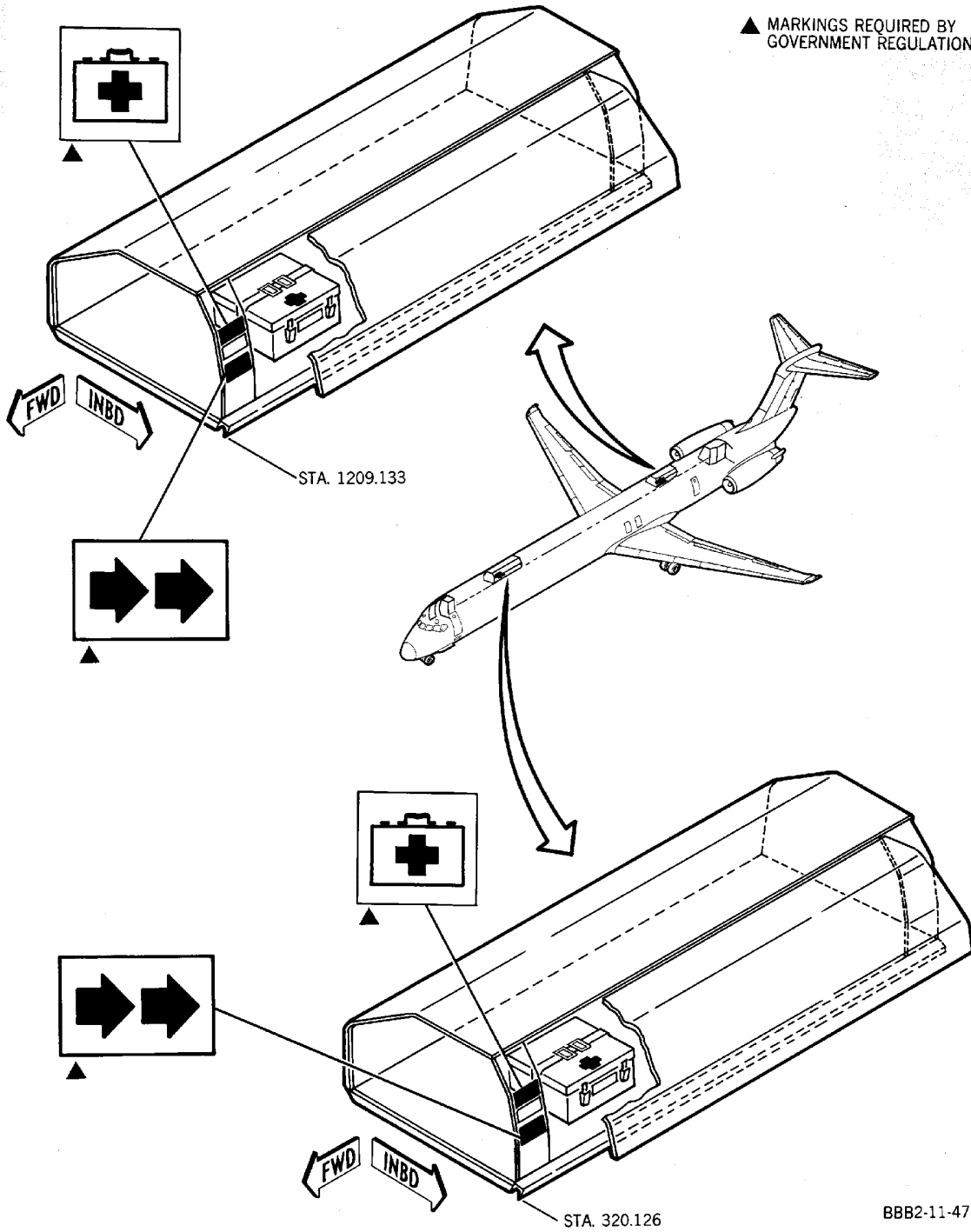
TP-80MM-WJE

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▲ MARKINGS REQUIRED BY
GOVERNMENT REGULATION.



Internal Markings -- First Aid Kit Signs
Figure 1/11-34-06-990-802 (Sheet 3 of 3)

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

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DITCHING EQUIPMENT SIGNS - DESCRIPTION AND OPERATION

1. Ditching Equipment - Internal Markings

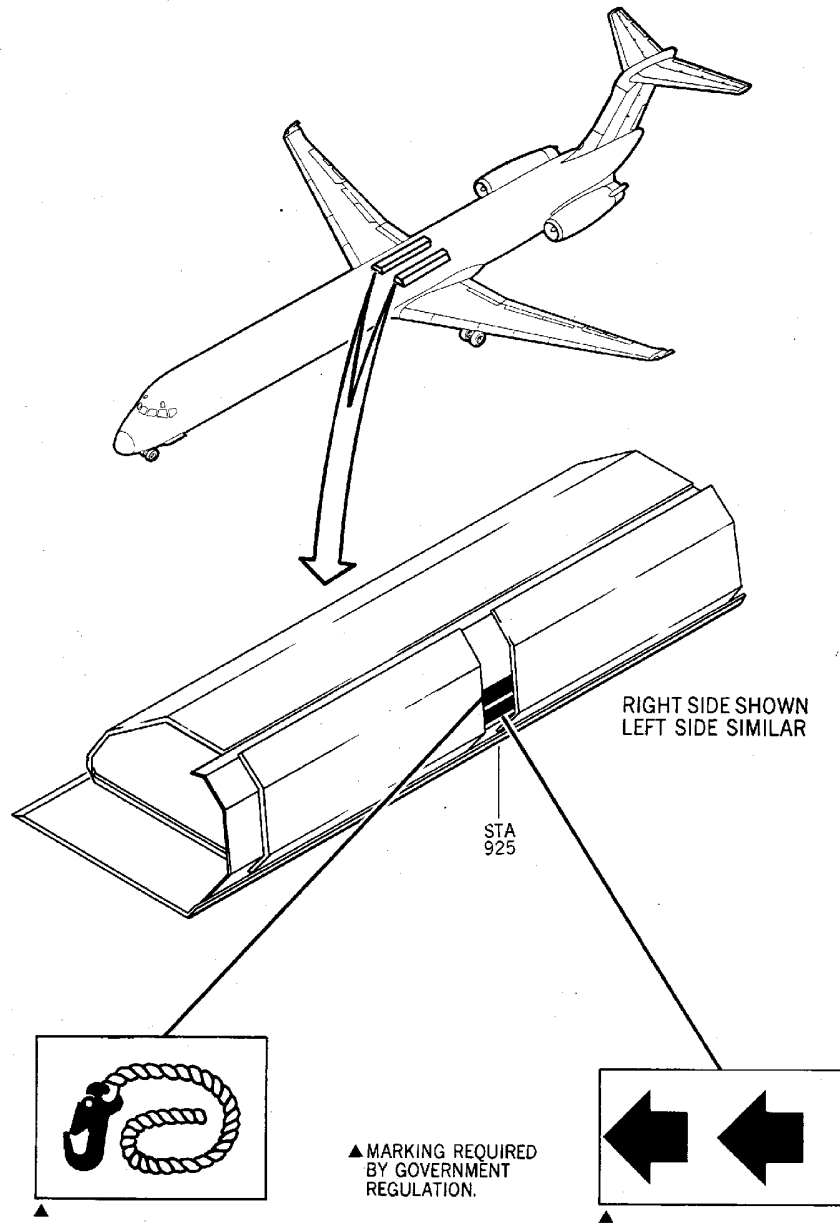
EFFECTIVITY
WJE 405-411, 880, 881, 883, 884, 886, 887

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BBB2-11-232

Internal Markings -- Ditching Equipment
Figure 1/11-34-07-990-801 (Sheet 1 of 2)

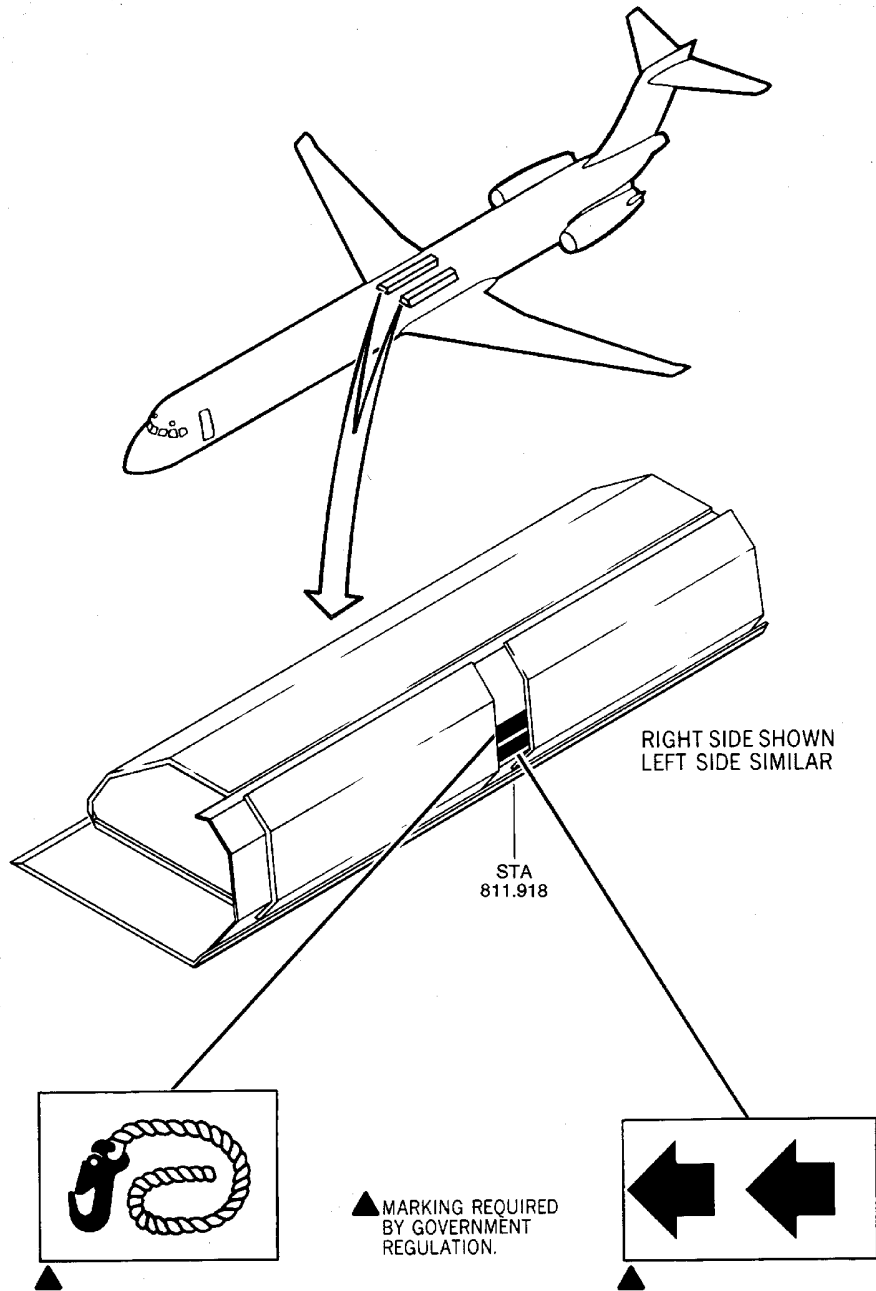
EFFECTIVITY
WJE 405-411, 880, 881, 883, 884

11-34-07

TP-80MM-WJE

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BBB2-11-636A

Internal Markings -- Ditching Equipment
Figure 1/11-34-07-990-801 (Sheet 2 of 2)

EFFECTIVITY
WJE 886, 887

TP-80MM-WJE

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OVERHEAD STOWAGE SIGNS - DESCRIPTION AND OPERATION

1. Overhead Stowage Signs - Internal Markings

EFFECTIVITY
WJE ALL

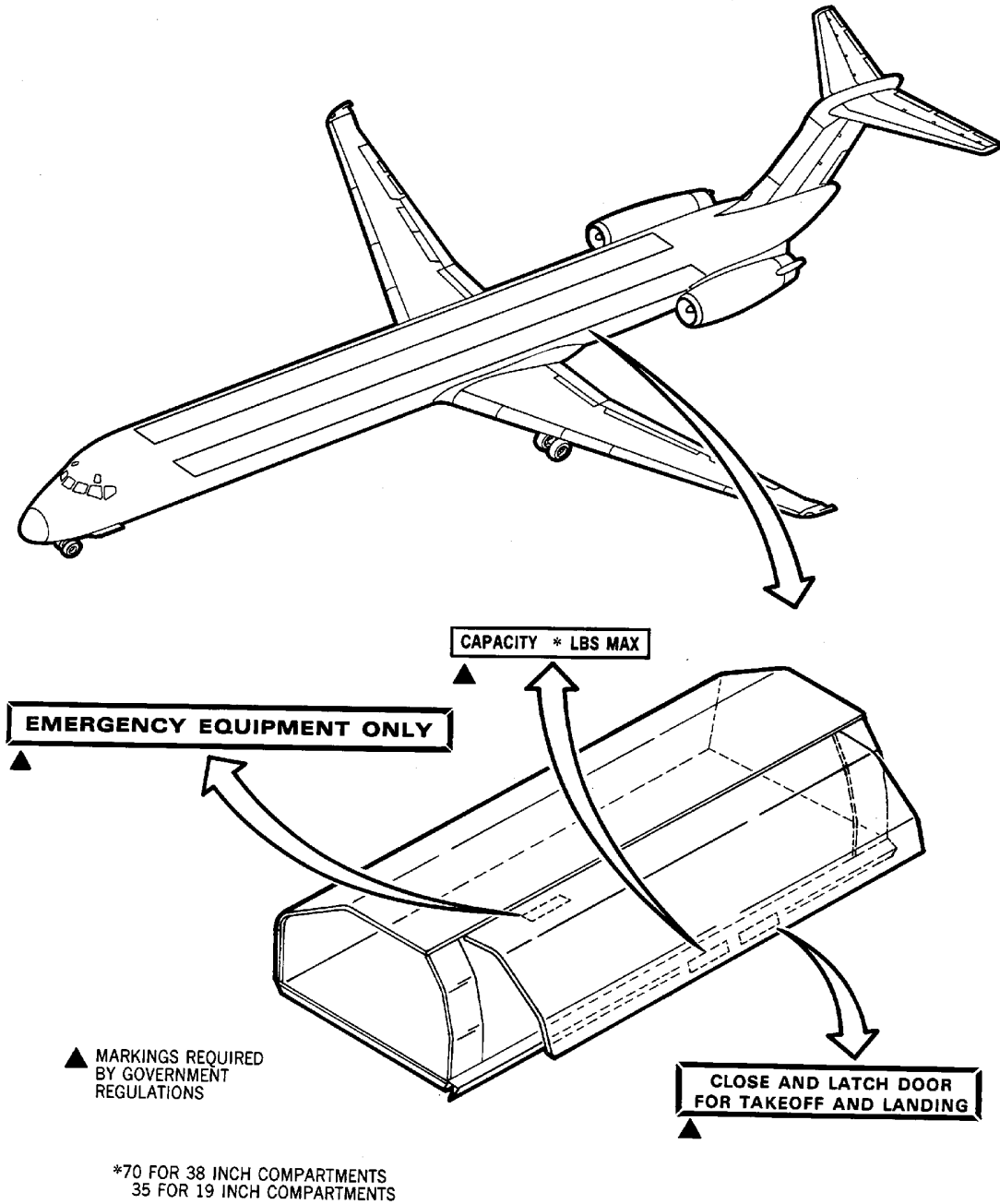


TP-80MM-WJE

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BBB2-11-303

Internal Markings -- Overhead Stowage Signs
Figure 1/11-34-08-990-802

EFFECTIVITY
WJE ALL

TP-80MM-WJE

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EMERGENCY TRANSMITTER SIGNS - DESCRIPTION AND OPERATION

1. Emergency Transmitter - Internal Markings

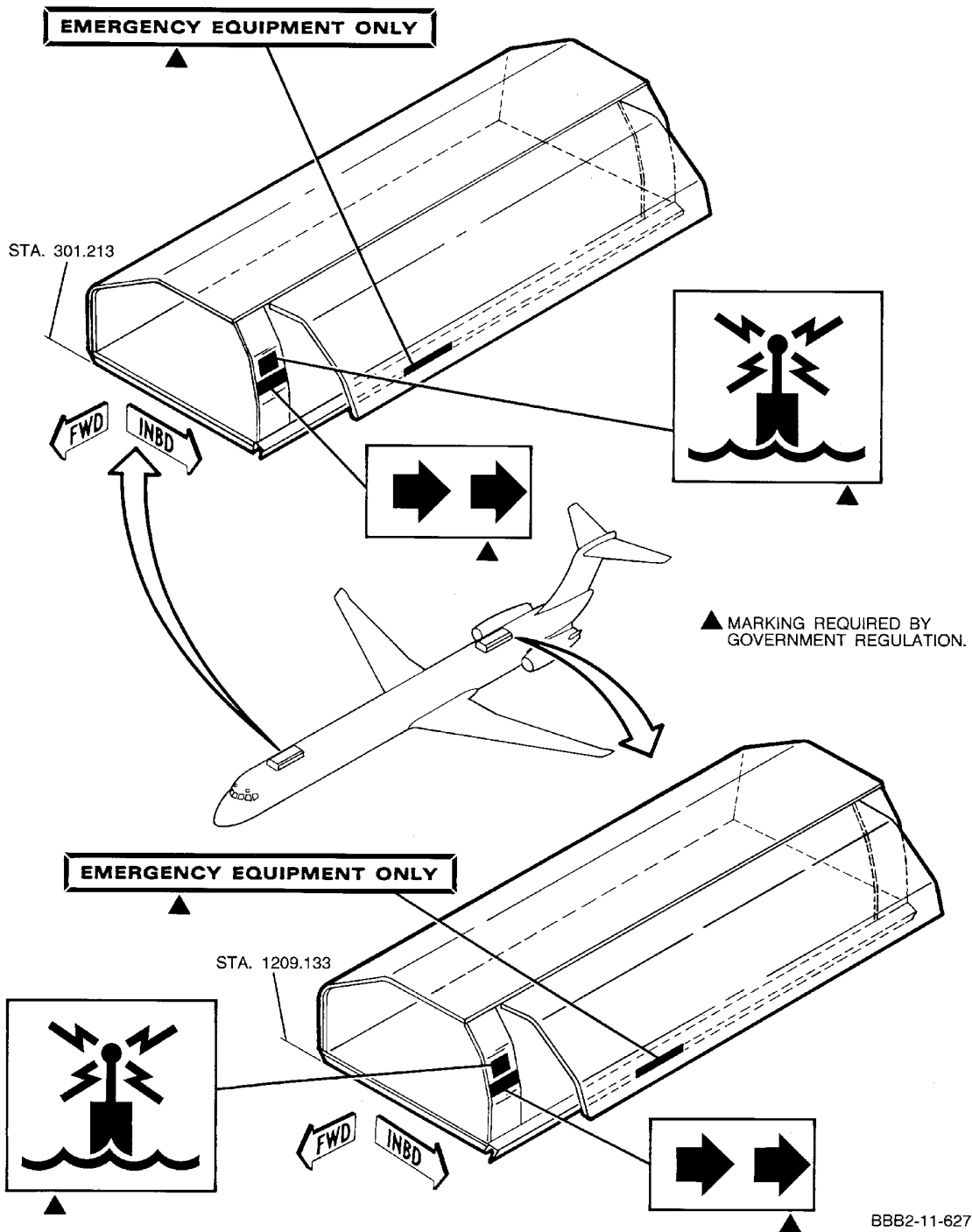
EFFECTIVITY
WJE 401-404, 412, 414, 875-879

TP-80MM-WJE

11-34-09

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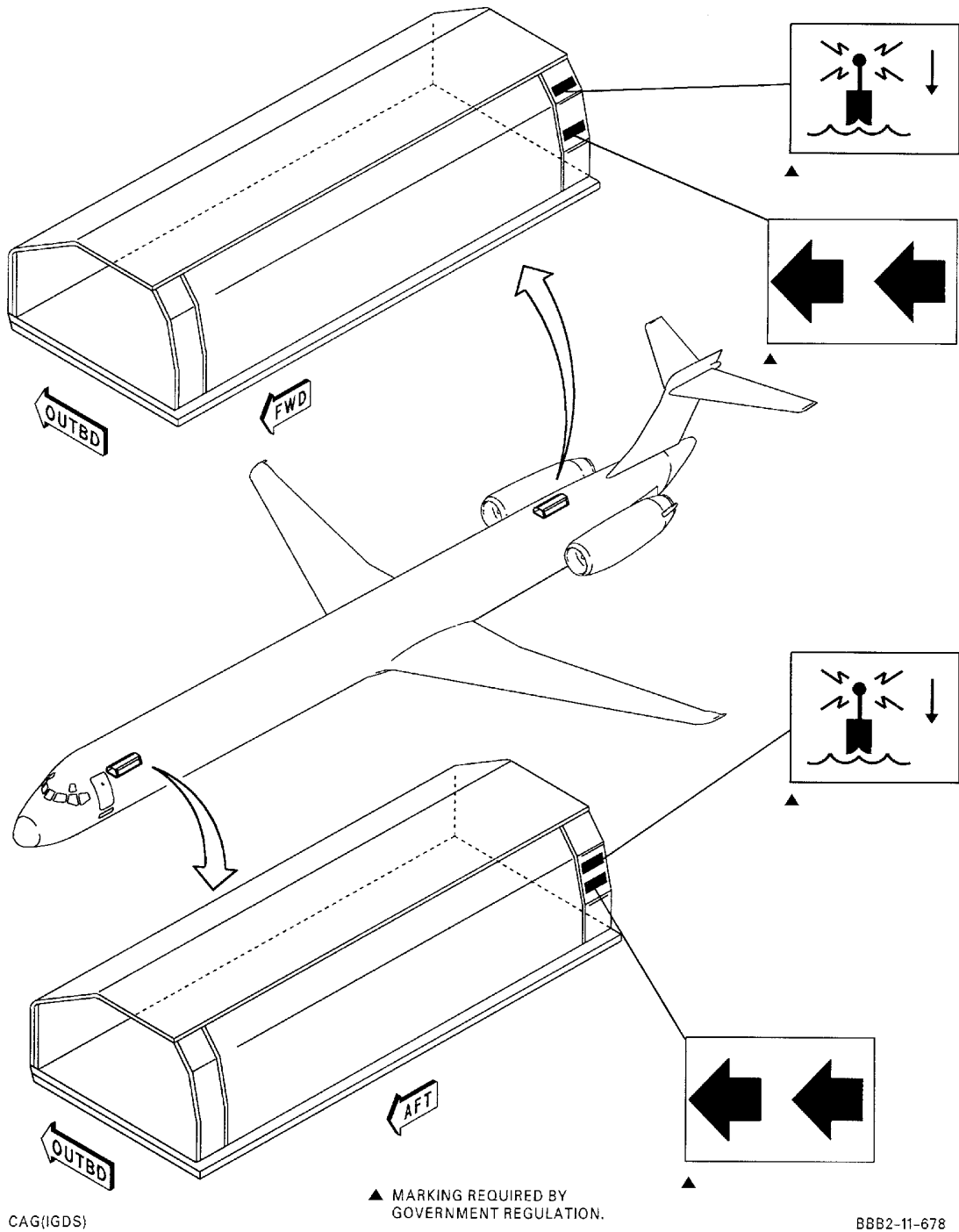
Internal Markings -- Passenger Instructions (Emergency Transmitter)
Figure 1/11-34-09-990-801

EFFECTIVITY
WJE 875-879

11-34-09

TP-80MM-WJE

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Internal Markings -- Emergency Transmitter
Figure 2/11-34-09-990-803

EFFECTIVITY
WJE 401-404, 412, 414

11-34-09

TP-80MM-WJE



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COATROOMS/STOWAGE COMPARTMENTS - DESCRIPTION AND OPERATION

1. Coatrooms/Stowage Compartments - Interior Markings

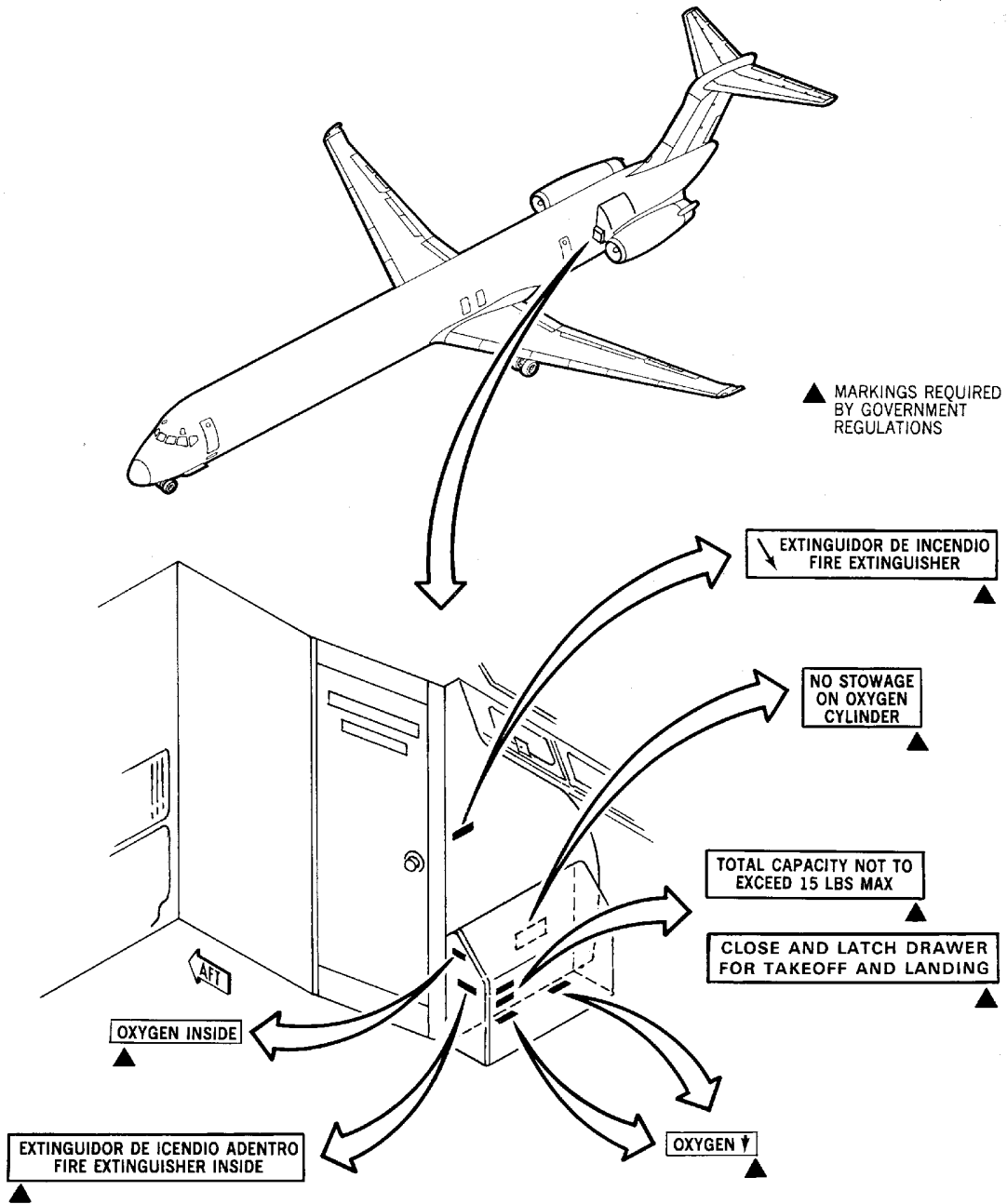
EFFECTIVITY
WJE 405-411, 880, 881, 883, 884, 886, 887

TP-80MM-WJE

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BBB2-11-194A

Internal Markings - Aft Stowage Compartment
Figure 1/11-35-01-990-814

EFFECTIVITY
WJE 886, 887

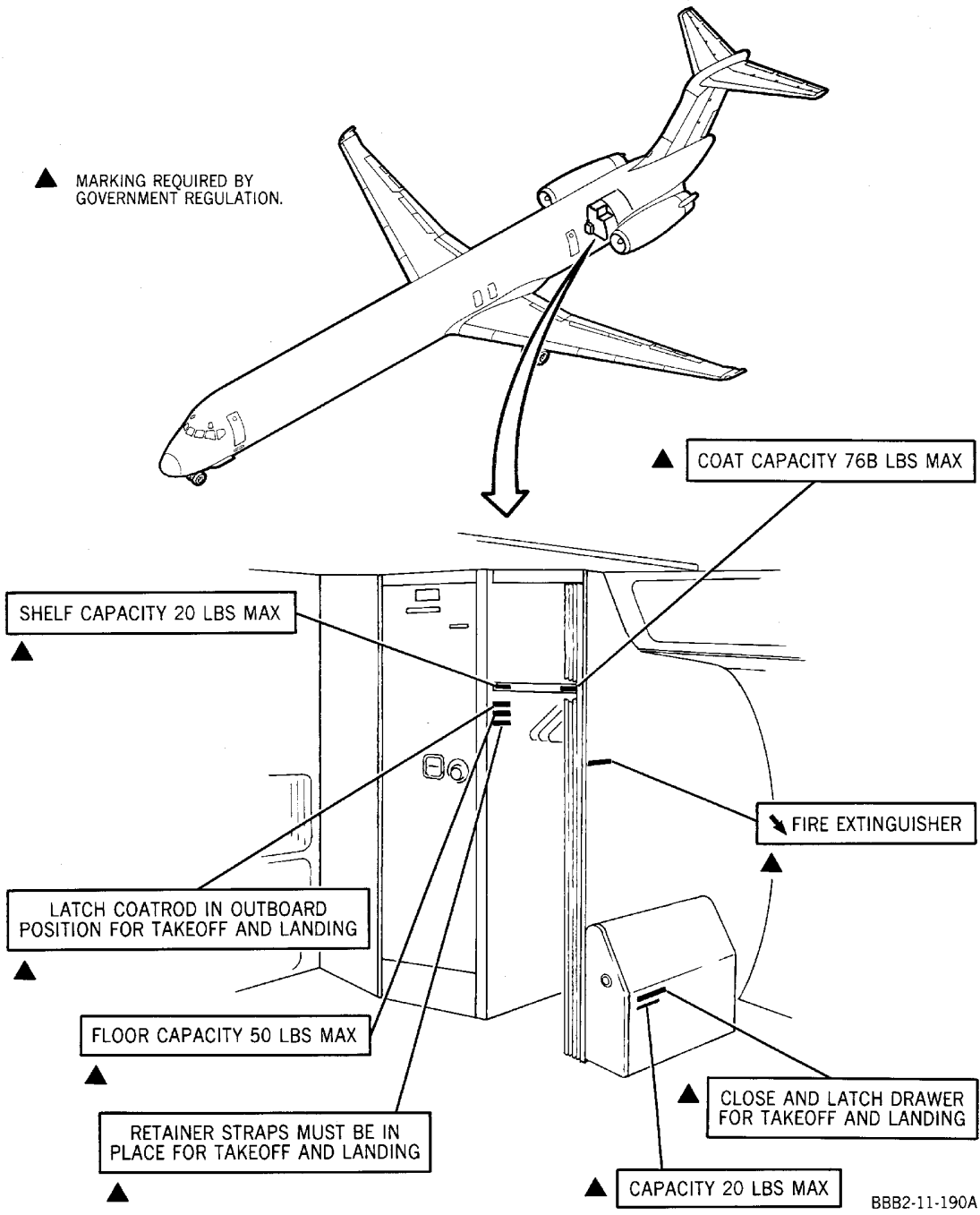
11-35-01

TP-80MM-WJE

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AIRCRAFT MAINTENANCE MANUAL**



Internal Markings - Aft Coatroom and Stowage Compartment
Figure 2/11-35-01-990-818

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

11-35-01

TP-80MM-WJE



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AIRCRAFT MAINTENANCE MANUAL**

CURTAINS AND PARTITIONS - DESCRIPTION AND OPERATION

1. Curtains and Partitions - Internal Markings

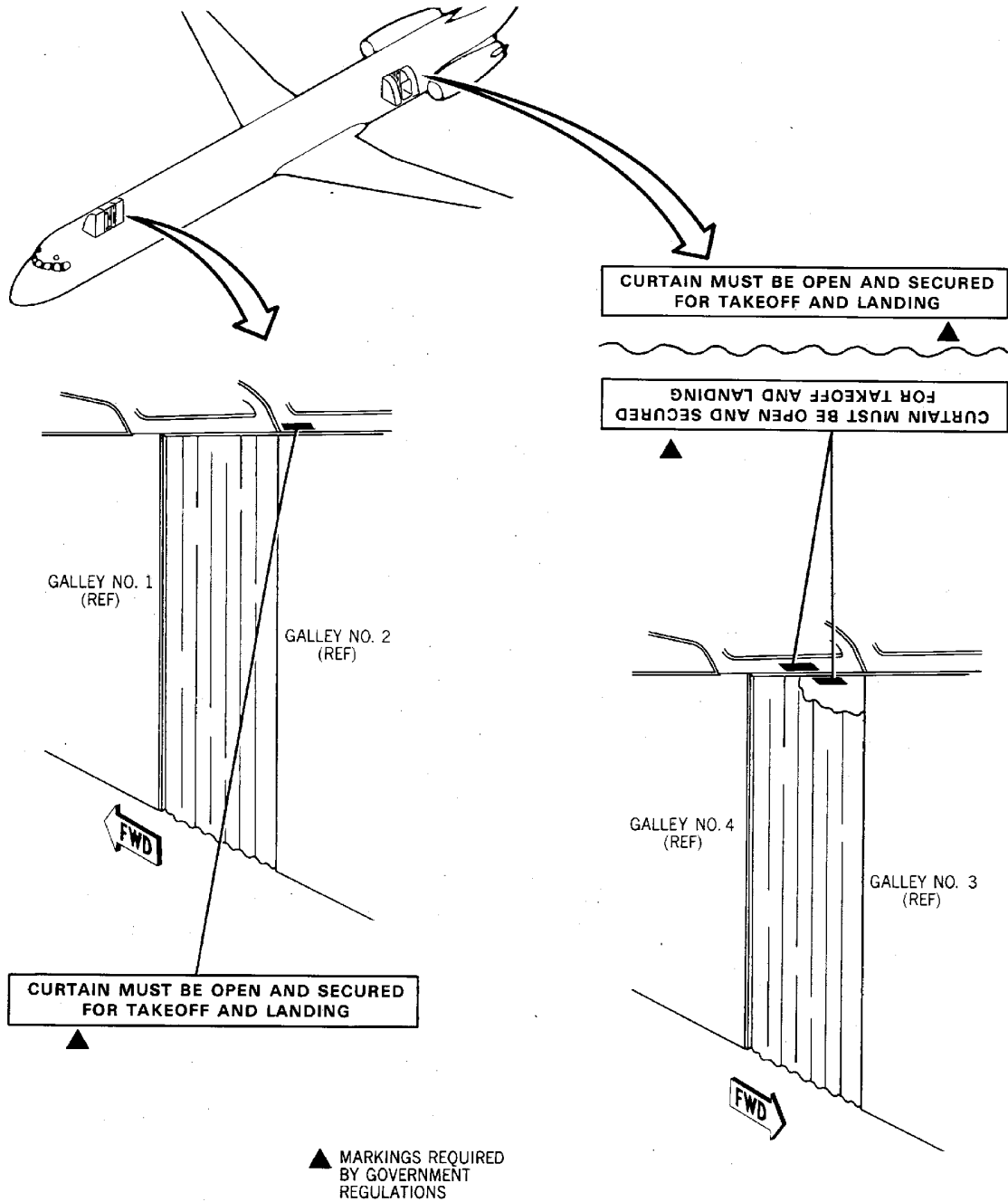
EFFECTIVITY
WJE 405-411, 880, 881, 883, 884, 886, 887

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AIRCRAFT MAINTENANCE MANUAL**



BBB2-11-195

**Internal Markings - Forward and Aft Galley Curtains
Figure 1/11-36-01-990-804**

EFFECTIVITY
WJE 405-411, 880, 881, 883, 884, 886, 887

11-36-01

TP-80MM-WJE



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AFT GALLEYS - DESCRIPTION AND OPERATION

1. Aft Galleys - Internal Markings

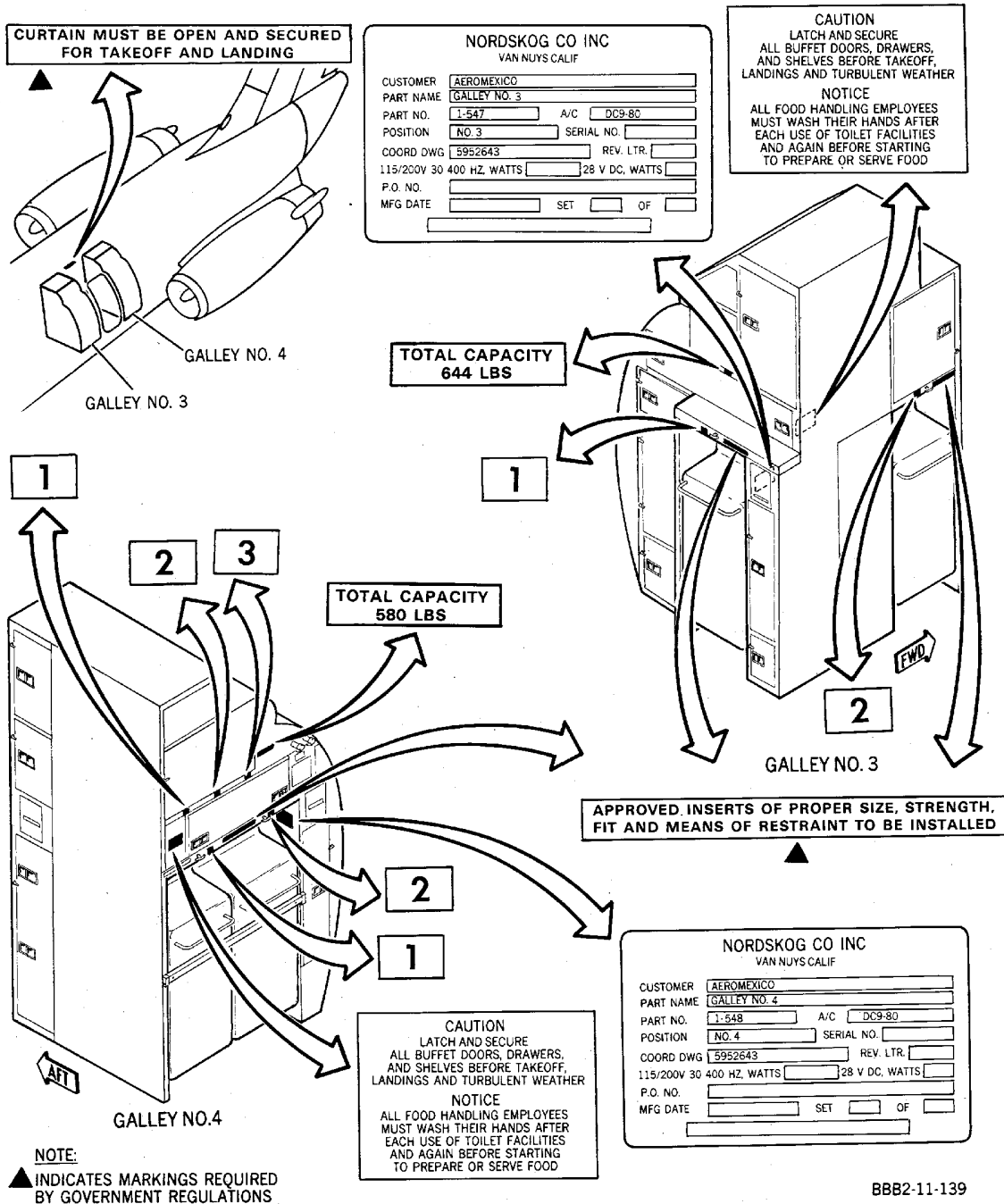
EFFECTIVITY
WJE 405-411, 880, 881, 883, 884

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BBB2-11-139

Internal Markings -- Aft Galleys
Figure 1/11-38-01-990-804

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

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FORWARD GALLEYS - DESCRIPTION AND OPERATION

1. Forward Galleys - Internal Markings

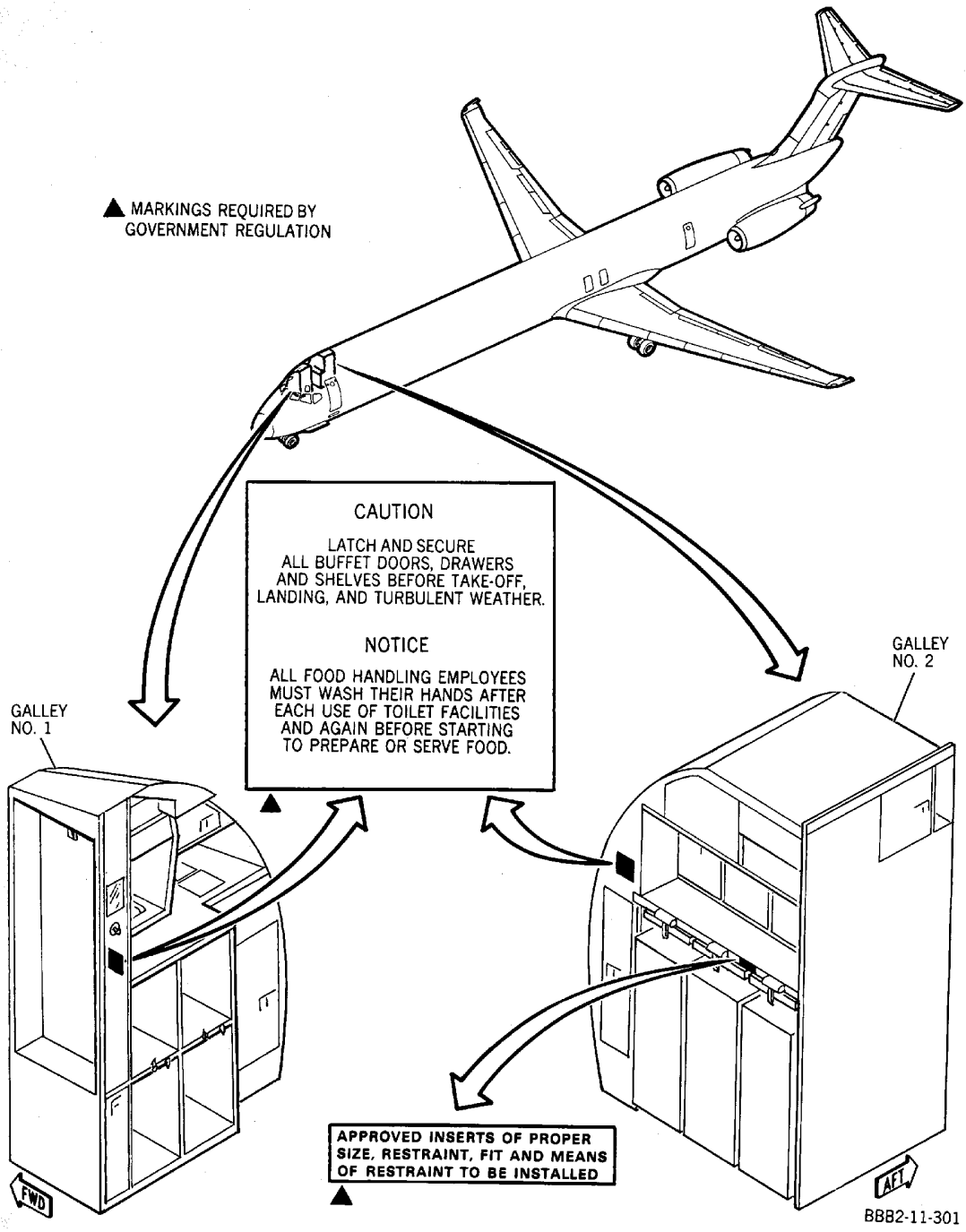
EFFECTIVITY
WJE 405-411, 880, 881, 883, 884

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AIRCRAFT MAINTENANCE MANUAL**



**Internal Markings -- Forward Galleys
Figure 1/11-38-02-990-811**

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

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AIRCRAFT MAINTENANCE MANUAL**

INTERIORS - SIGNS AND PLACARDS - DESCRIPTION AND OPERATION

1. Lavatory Signs and Placards - Interior Markings

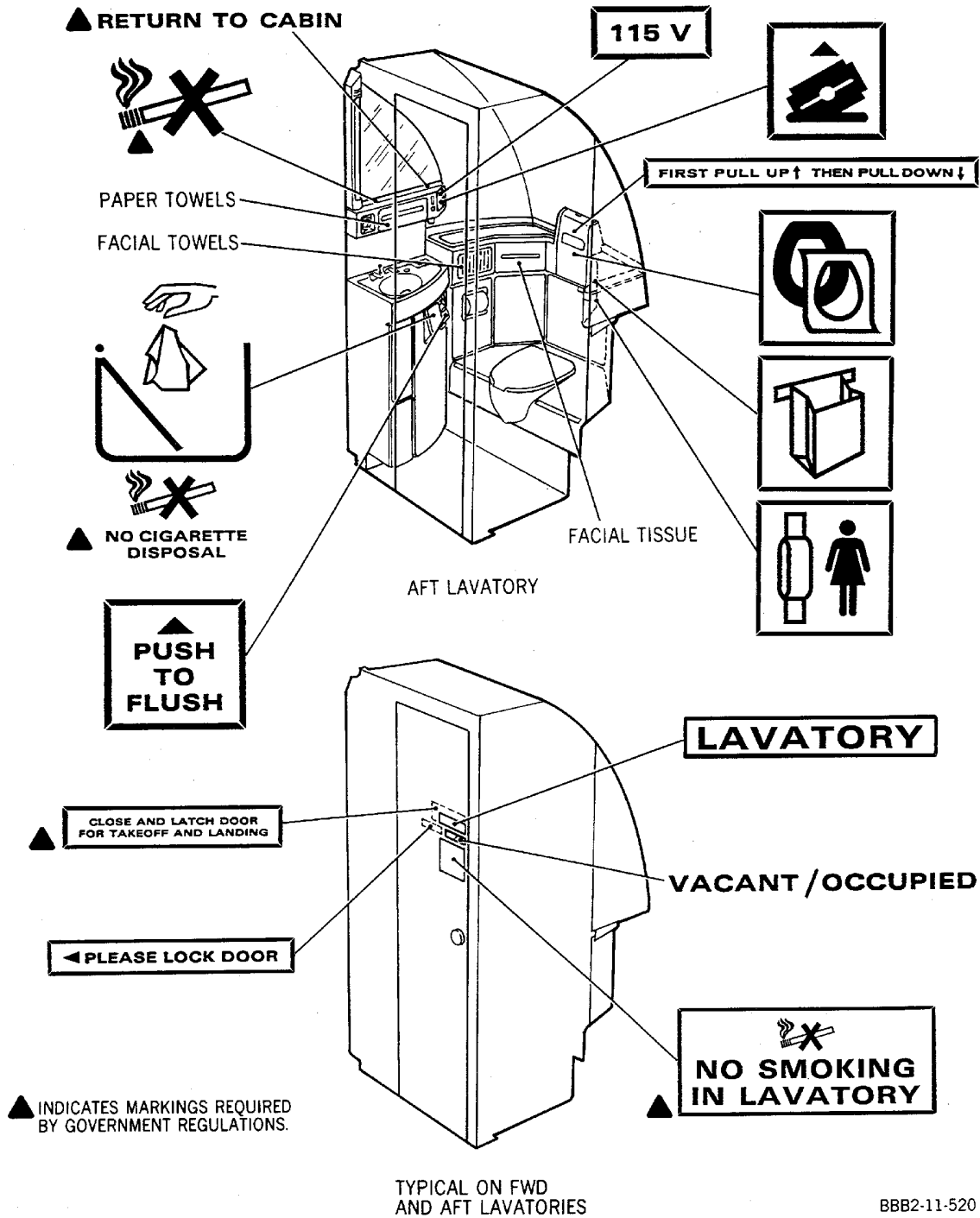
EFFECTIVITY
WJE ALL

TP-80MM-WJE

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**Interior Markings -- Aft Lavatory Signs and Placards
Figure 1/11-39-01-990-804 (Sheet 1 of 4)**

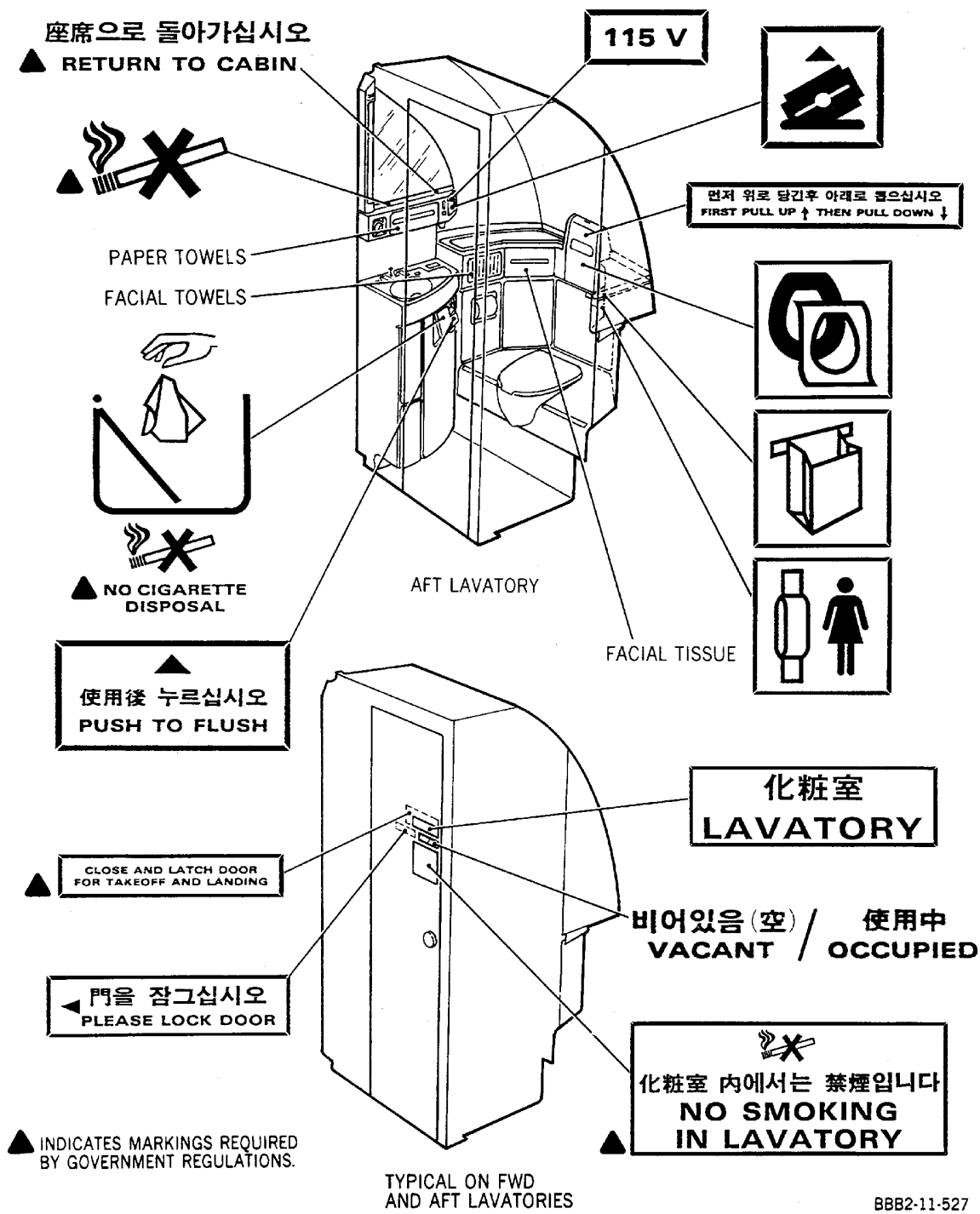
EFFECTIVITY
WJE 405-411, 415-427, 429, 861-866, 868, 869,
871-874, 880, 881, 883, 884, 886, 887, 891, 892

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AIRCRAFT MAINTENANCE MANUAL



Interior Markings -- Aft Lavatory Signs and Placards
Figure 1/11-39-01-990-804 (Sheet 2 of 4)

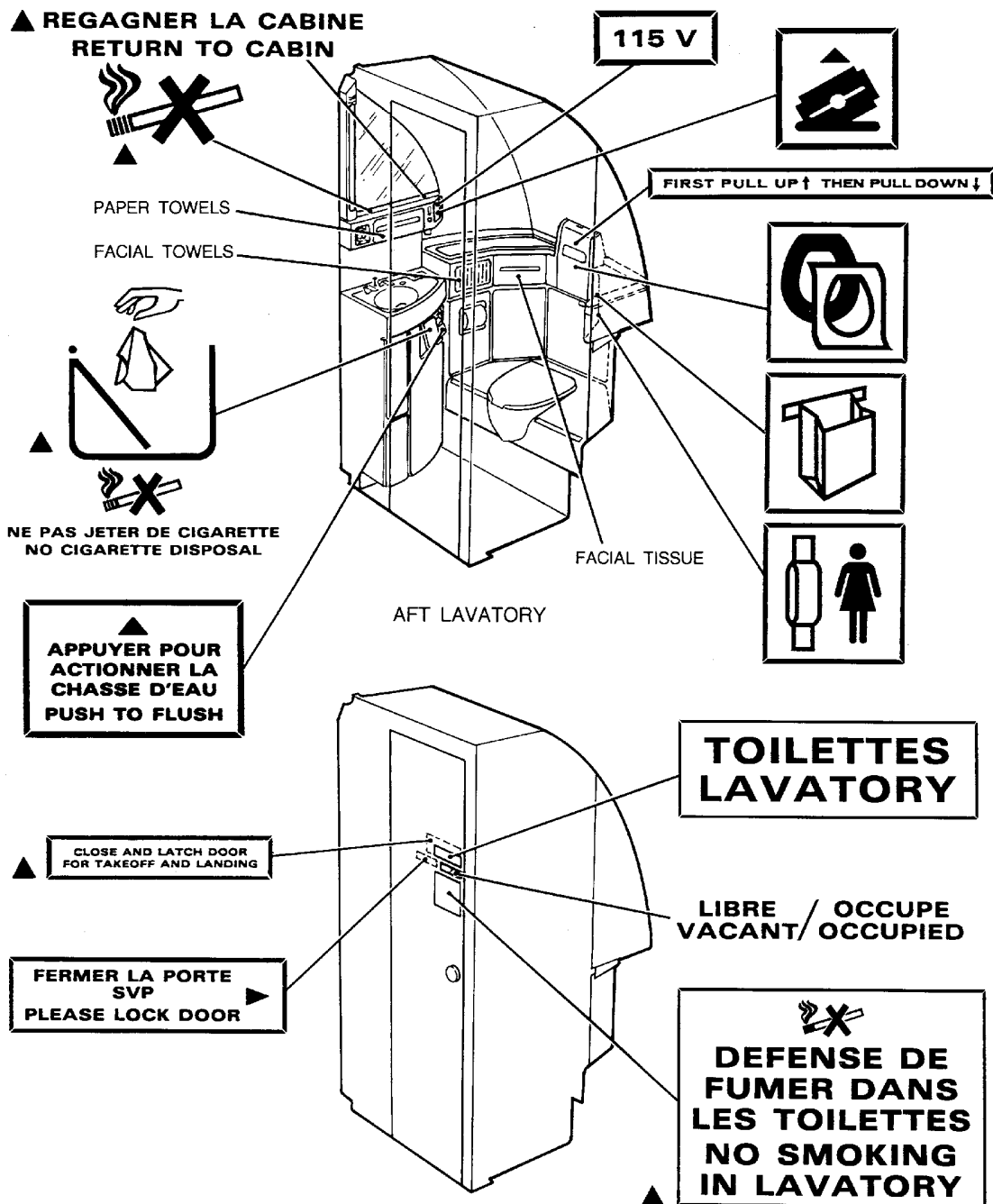
EFFECTIVITY
WJE 875-879

TP-80MM-WJE

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▲ INDICATES MARKINGS REQUIRED BY GOVERNMENT REGULATIONS.

TYPICAL ON FWD AND AFT LAVATORIES

BBB2-11-605

Interior Markings -- Aft Lavatory Signs and Placards
Figure 1/11-39-01-990-804 (Sheet 3 of 4)

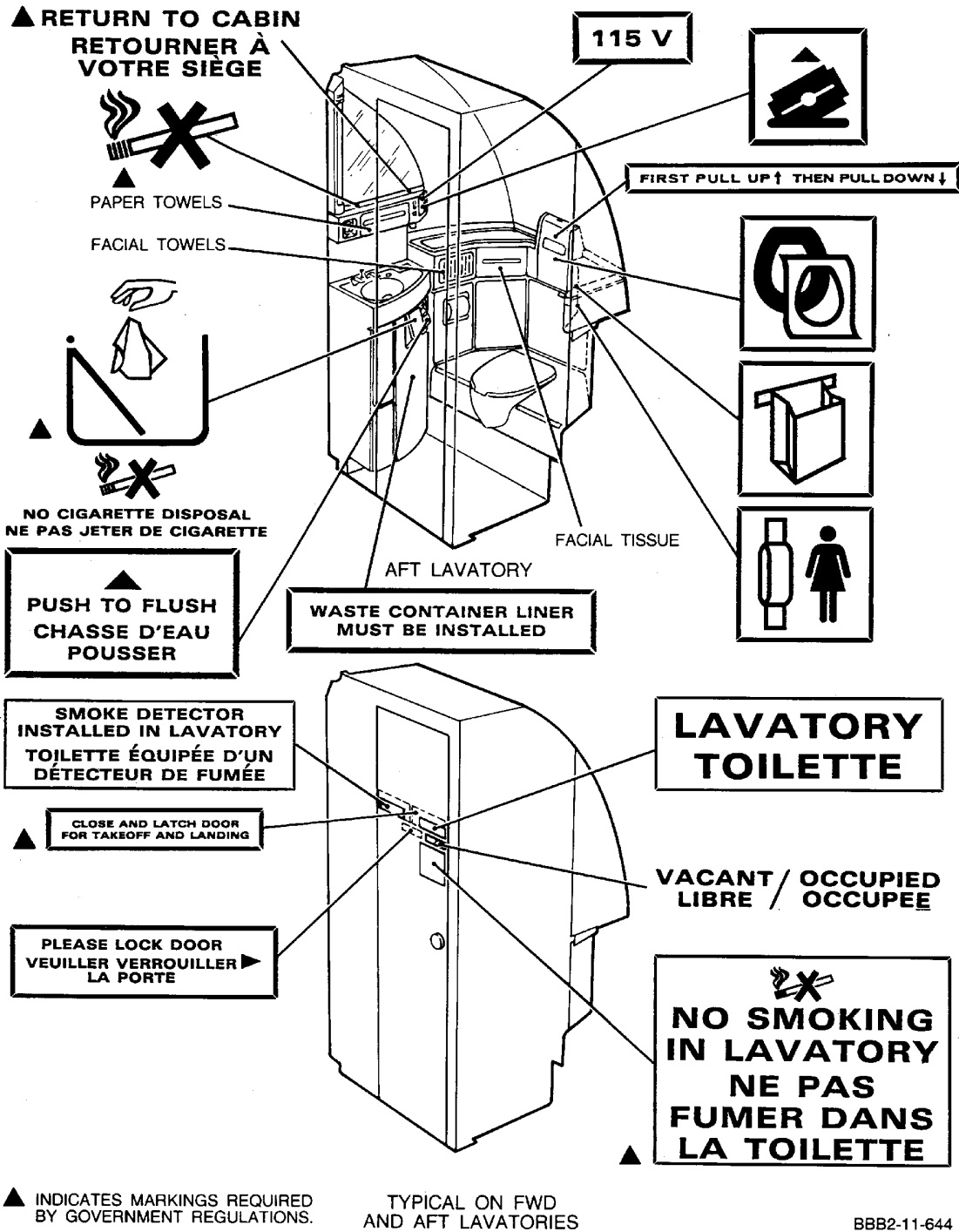
EFFECTIVITY
WJE 893

TP-80MM-WJE

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Interior Markings -- Aft Lavatory Signs and Placards
Figure 1/11-39-01-990-804 (Sheet 4 of 4)

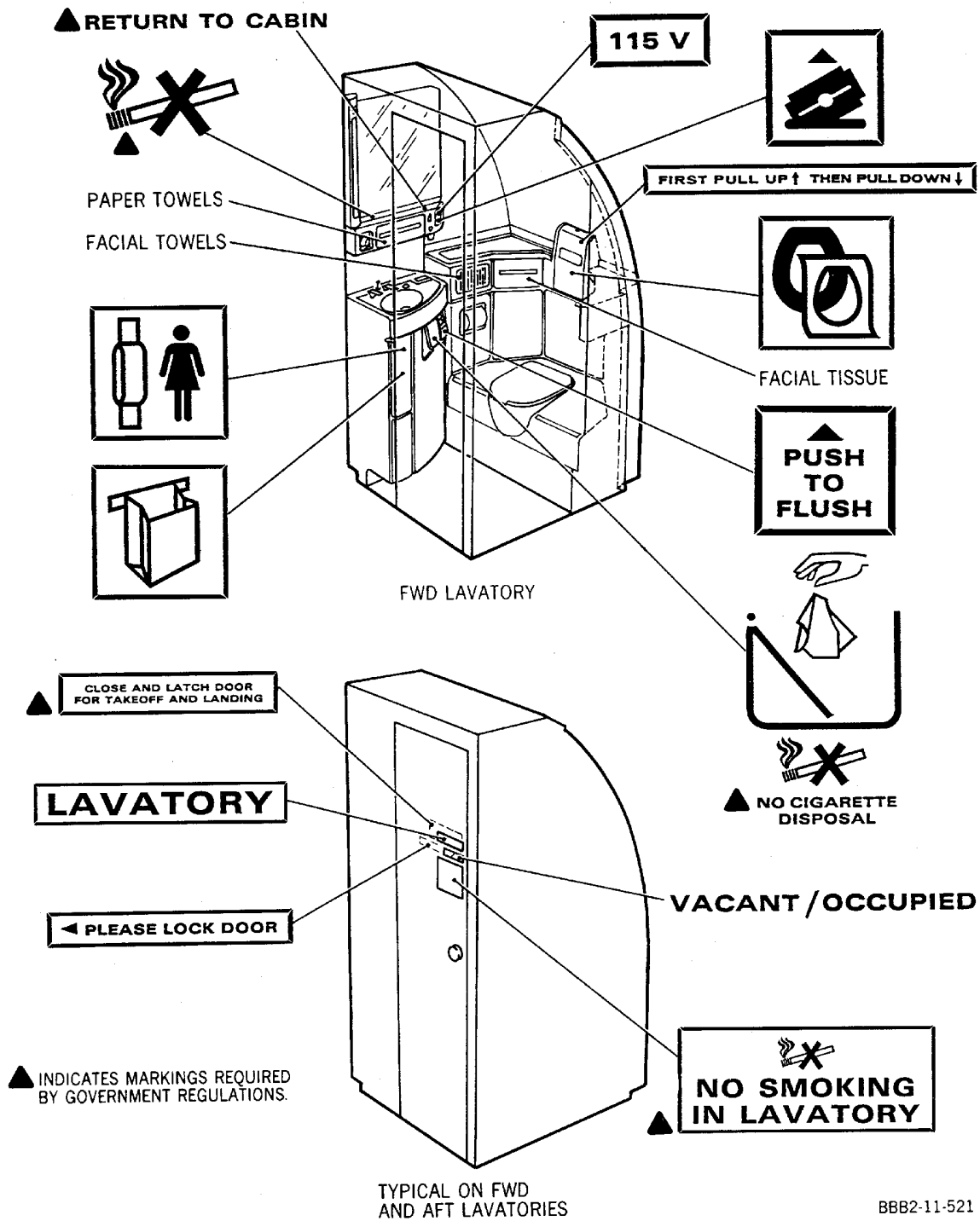
EFFECTIVITY
WJE 401-404, 412, 414

TP-80MM-WJE

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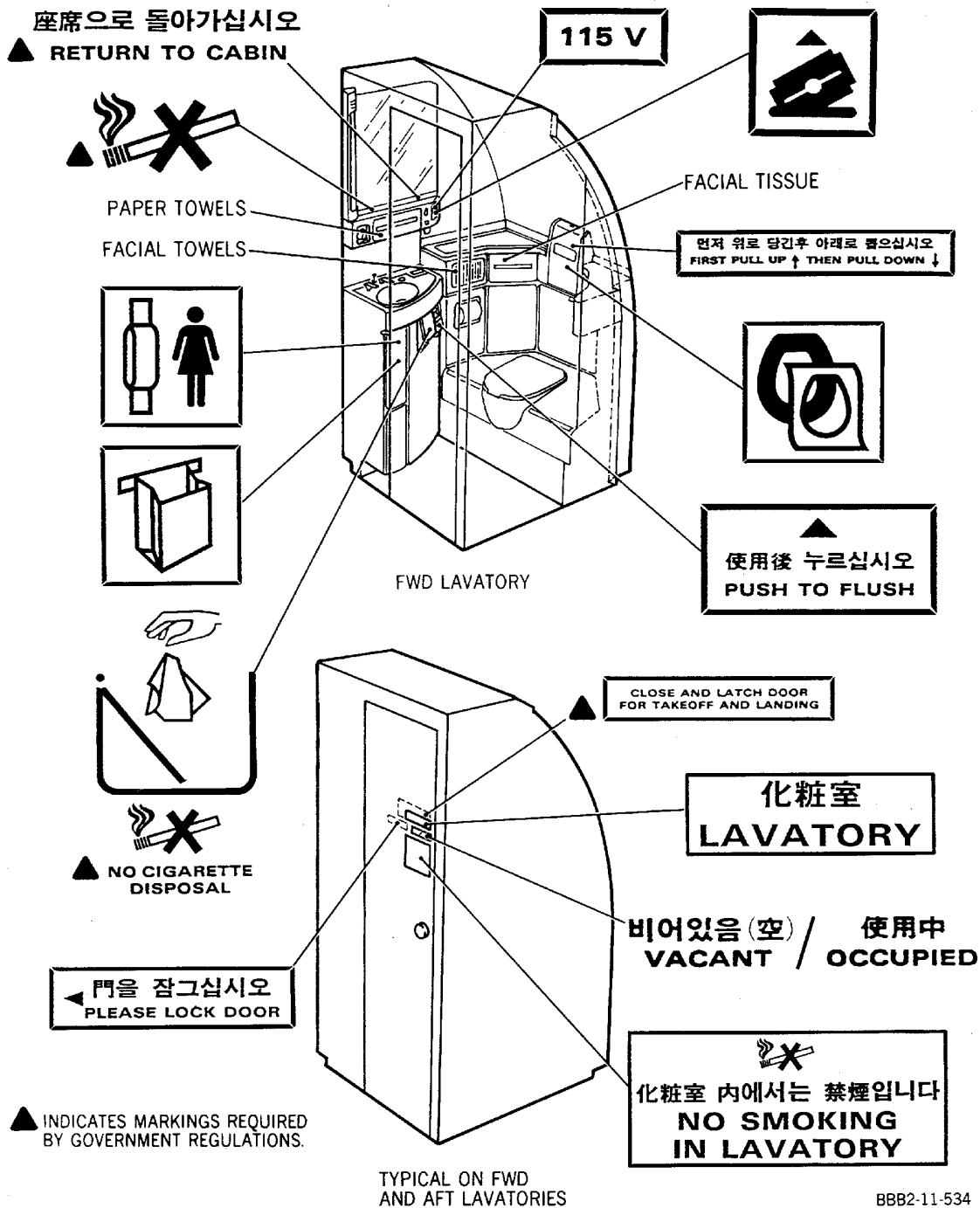
**Internal Markings -- Forward Lavatory Signs and Placards
Figure 2/11-39-01-990-805 (Sheet 1 of 4)**

EFFECTIVITY
WJE 405-411, 415-427, 429, 861-866, 868, 869,
871-874, 880, 881, 883, 884, 886, 887, 891, 892

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Internal Markings -- Forward Lavatory Signs and Placards
Figure 2/11-39-01-990-805 (Sheet 2 of 4)

EFFECTIVITY
WJE 875-879

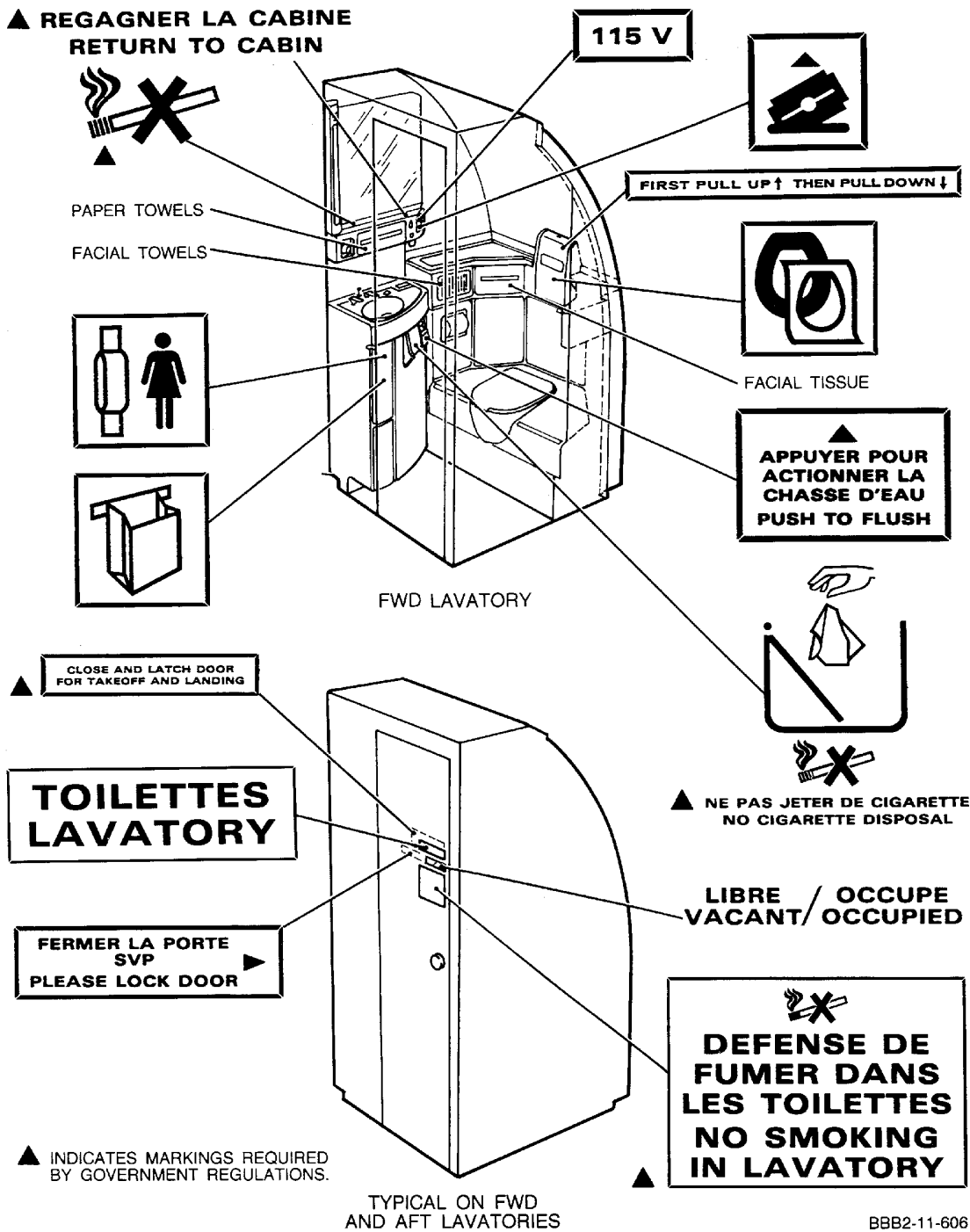
TP-80MM-WJE

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**Internal Markings -- Forward Lavatory Signs and Placards
Figure 2/11-39-01-990-805 (Sheet 3 of 4)**

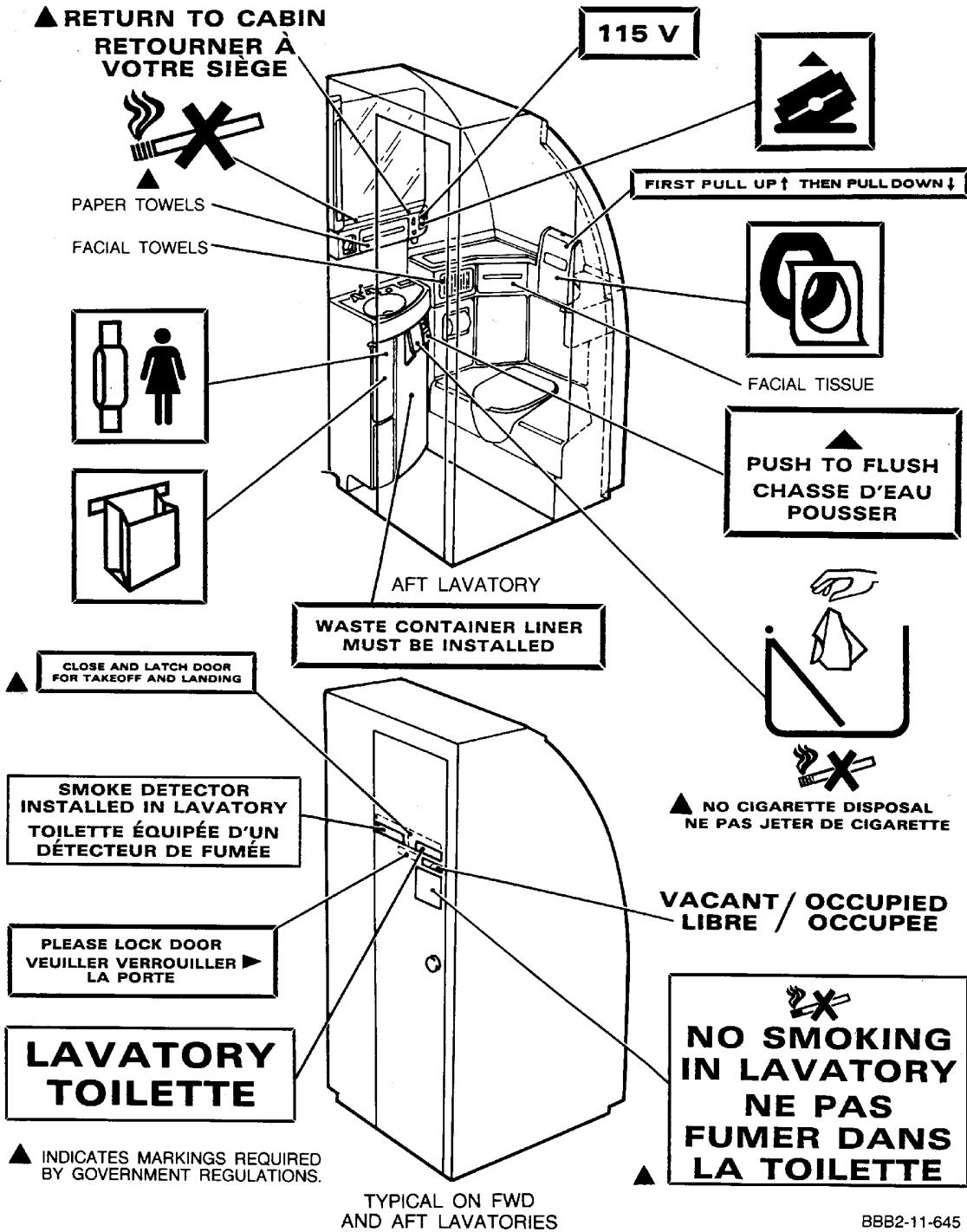
EFFECTIVITY
WJE 893

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AIRCRAFT MAINTENANCE MANUAL**



Internal Markings -- Forward Lavatory Signs and Placards
Figure 2/11-39-01-990-805 (Sheet 4 of 4)

EFFECTIVITY
WJE 401-404, 412, 414

TP-80MM-WJE

11-39-01

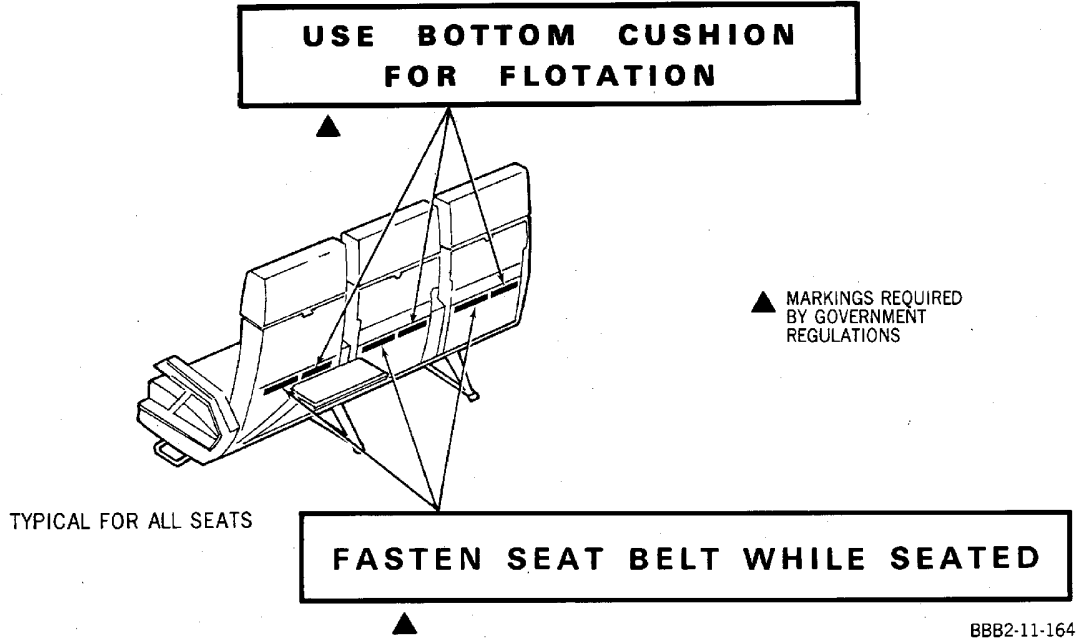
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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

SEATS - DESCRIPTION AND OPERATION

1. Seats - Internal Markings

WJE 415-427, 429, 861-866, 868, 869, 871-874, 891-893



Internal Markings -- Seats
Figure 1/11-41-01-990-801 (Sheet 1 of 5)

EFFECTIVITY
WJE ALL

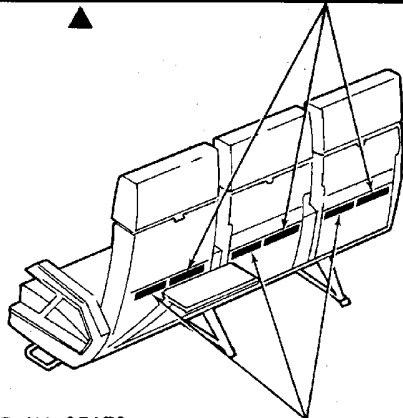
TP-80MM-WJE

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

**USE EL COJIN DEL ASIENTO PARA FLOTAR
USE BOTTOM CUSHION FOR FLOTATION**



▲ MARKINGS REQUIRED
BY GOVERNMENT
REGULATIONS

TYPICAL FOR ALL SEATS

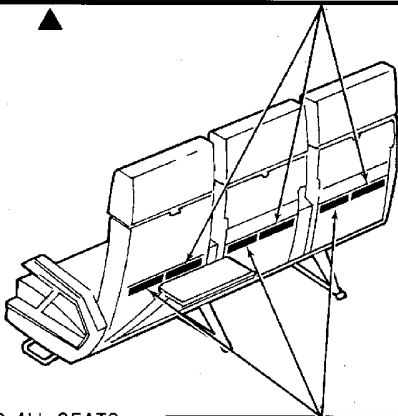
FASTEN SEAT BELT WHILE SEATED

BBB2-11-171

Internal Markings -- Seats
Figure 1/11-41-01-990-801 (Sheet 2 of 5)

WJE 886, 887

**USE EL ALMOHADON DE SU ASIENTO COMO FLOTADOR
USE BOTTOM CUSHION FOR FLOTATION**



▲ MARKINGS REQUIRED
BY GOVERNMENT
REGULATIONS

TYPICAL FOR ALL SEATS

FASTEN SEAT BELT WHILE SEATED

BBB2-11-173

Internal Markings -- Seats
Figure 1/11-41-01-990-801 (Sheet 3 of 5)

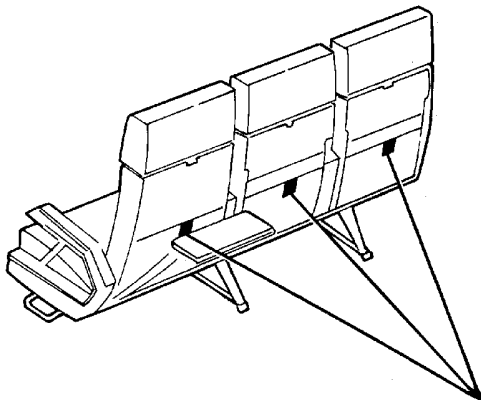
EFFECTIVITY
WJE ALL

11-41-01

TP-80MM-WJE

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TYPICAL FOR ALL SEATS



救命胴衣는 座席밑에 있습니다.
座席쿠션을 救命帶로 使用하십시오
着席中에는 安全帶를 매십시오
**LIFE VEST UNDER FRONT OF SEAT
USE BOTTOM CUSHION FOR FLOTATION
FASTEN SEAT BELT WHILE SEATED**

▲ MARKINGS REQUIRED
BY GOVERNMENT REGULATION

BBB2-11-482

Internal Markings -- Seats
Figure 1/11-41-01-990-801 (Sheet 4 of 5)

EFFECTIVITY
WJE 875-879

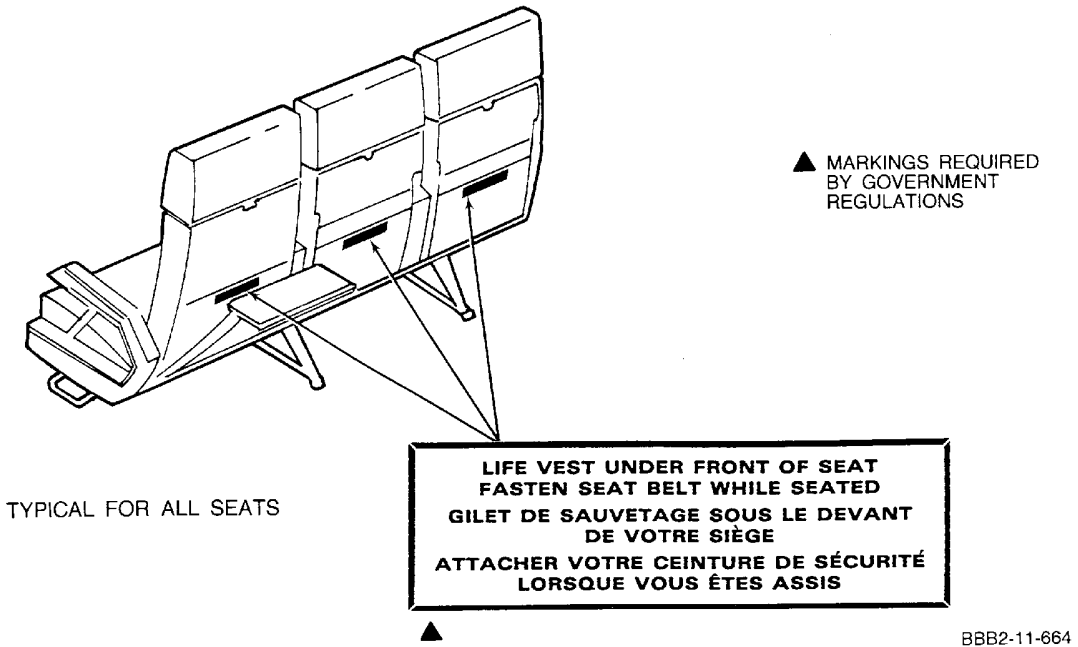
TP-80MM-WJE

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WJE 401-404, 412, 414



Internal Markings -- Seats
Figure 1/11-41-01-990-801 (Sheet 5 of 5)

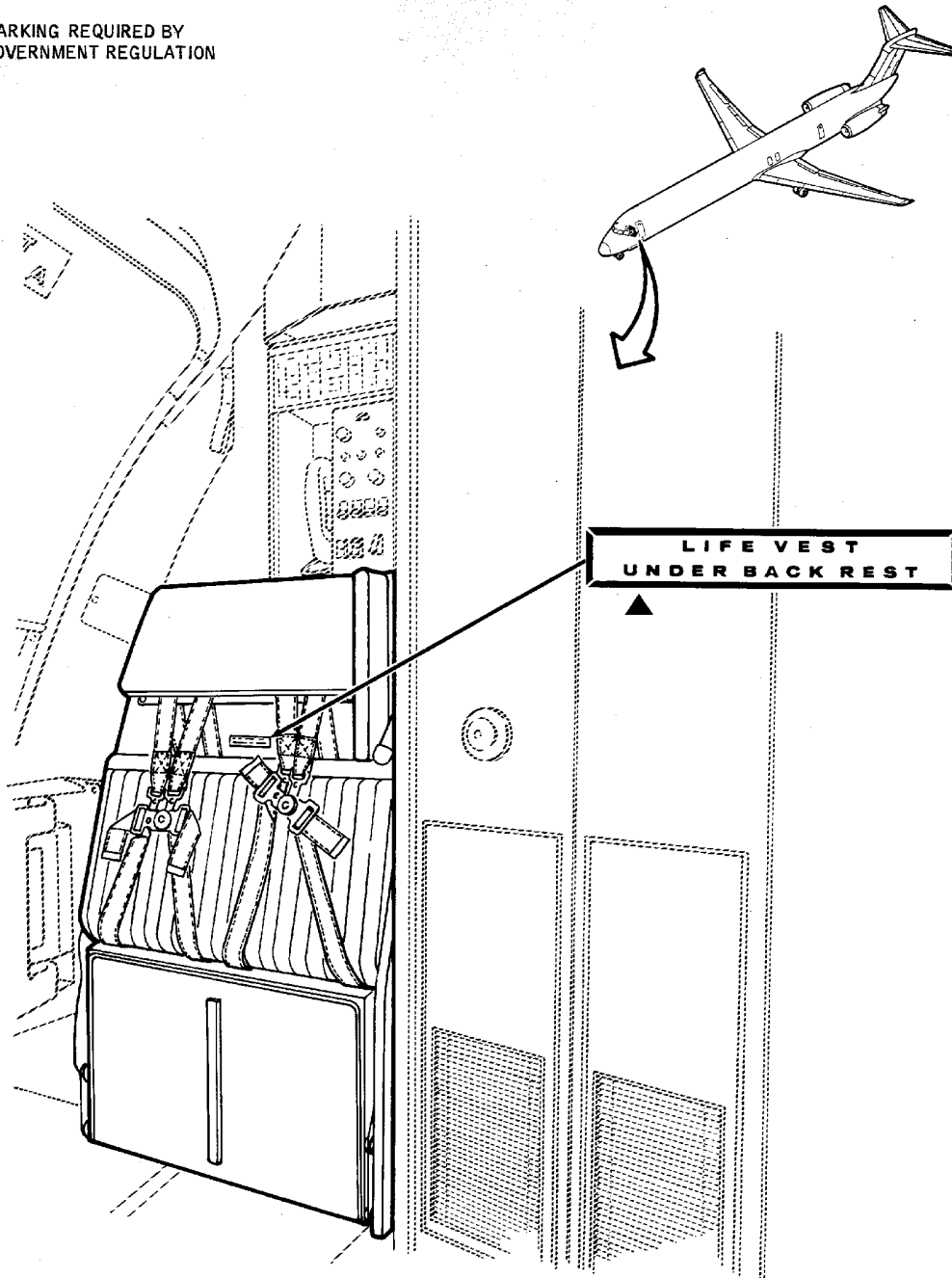
EFFECTIVITY
WJE ALL

TP-80MM-WJE

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▲ MARKING REQUIRED BY
GOVERNMENT REGULATION



BBB2-11-244

Seats -- Forward Attendant
Figure 2/11-41-01-990-802 (Sheet 1 of 3)

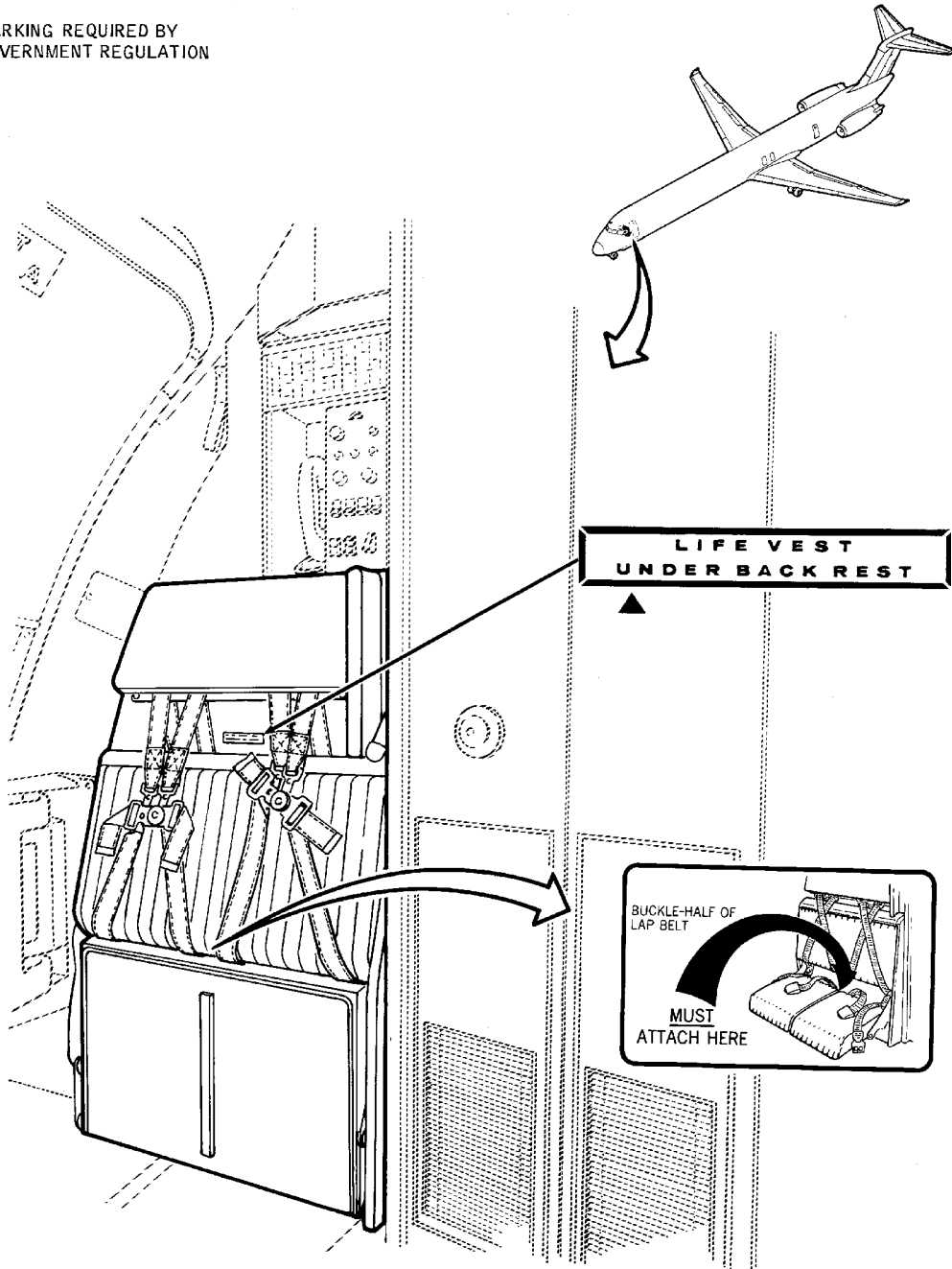
EFFECTIVITY
WJE 405-411, 873, 874, 880, 881, 883, 884, 886, 887,
892, 893

TP-80MM-WJE

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▲ MARKING REQUIRED BY
GOVERNMENT REGULATION



BBB2-11-406

Seats -- Forward Attendant
Figure 2/11-41-01-990-802 (Sheet 2 of 3)

EFFECTIVITY

WJE 401-404, 415-427, 429, 861-866, 868, 869, 871,
872, 875-879, 891

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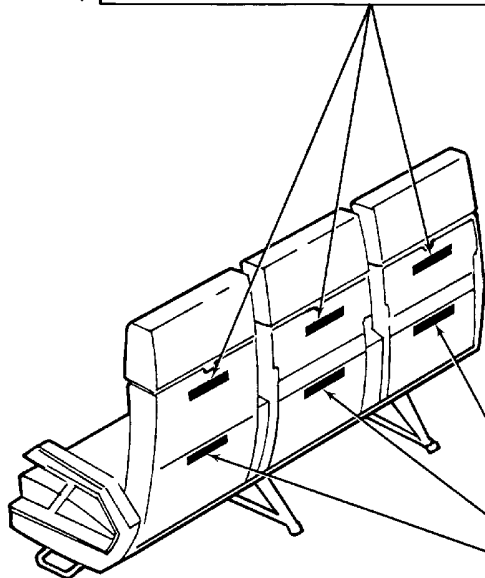
TP-80MM-WJE

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MD-80 AIRCRAFT MAINTENANCE MANUAL



*



▲ MARKINGS REQUIRED
BY GOVERNMENT
REGULATIONS

**VOTRE GILET DE SAUVETAGE
EST SOUS VOTRE SIEGE
LIFE VEST UNDER FRONT OF YOUR SEAT
GARDEZ VOTRE CEINTURE ATTACHEE
FASTEN SEAT BELT WHILE SEATED**

*NOTE:
PLACARD LOCATED ON SEATBACKS
FORWARD OF PASSENGER CABIN EMERGENCY
EXITS ONLY (10 PLACES, BOTH SIDES OF AIRCRAFT.)

BBB2-11-623

Seats -- Forward Attendant
Figure 2/11-41-01-990-802 (Sheet 3 of 3)

EFFECTIVITY
WJE 873, 874

11-41-01

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**MD-80
AIRCRAFT MAINTENANCE MANUAL**

INTERNAL DECALS - MISCELLANEOUS - DESCRIPTION AND OPERATION

1. Miscellaneous - Internal Markings

EFFECTIVITY
WJE ALL

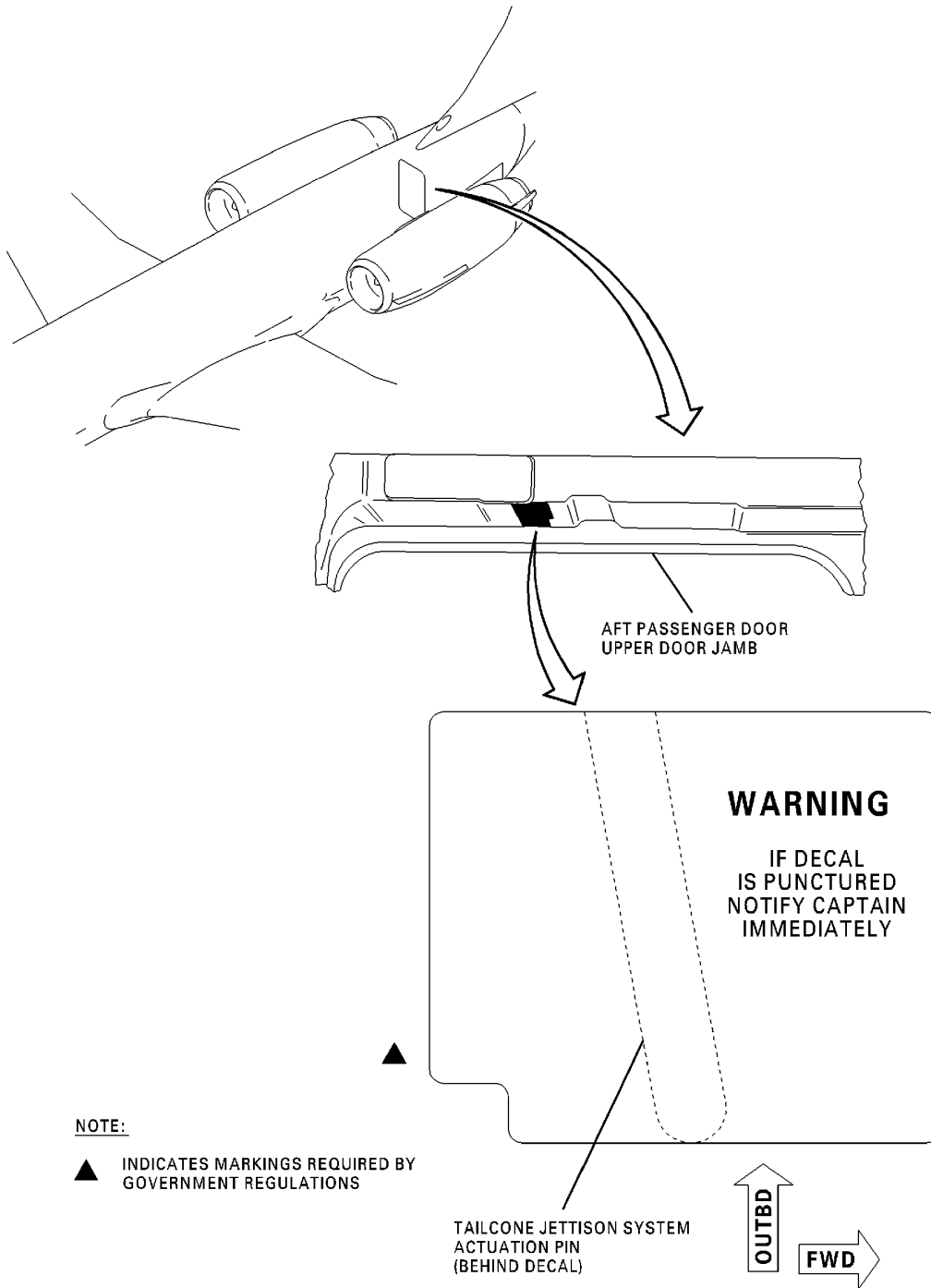


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AIRCRAFT MAINTENANCE MANUAL**



CAG(IGDS)

BBB2-11-712

**Tailcone Jettison System Safety Decal
Figure 1/11-50-01-990-801**

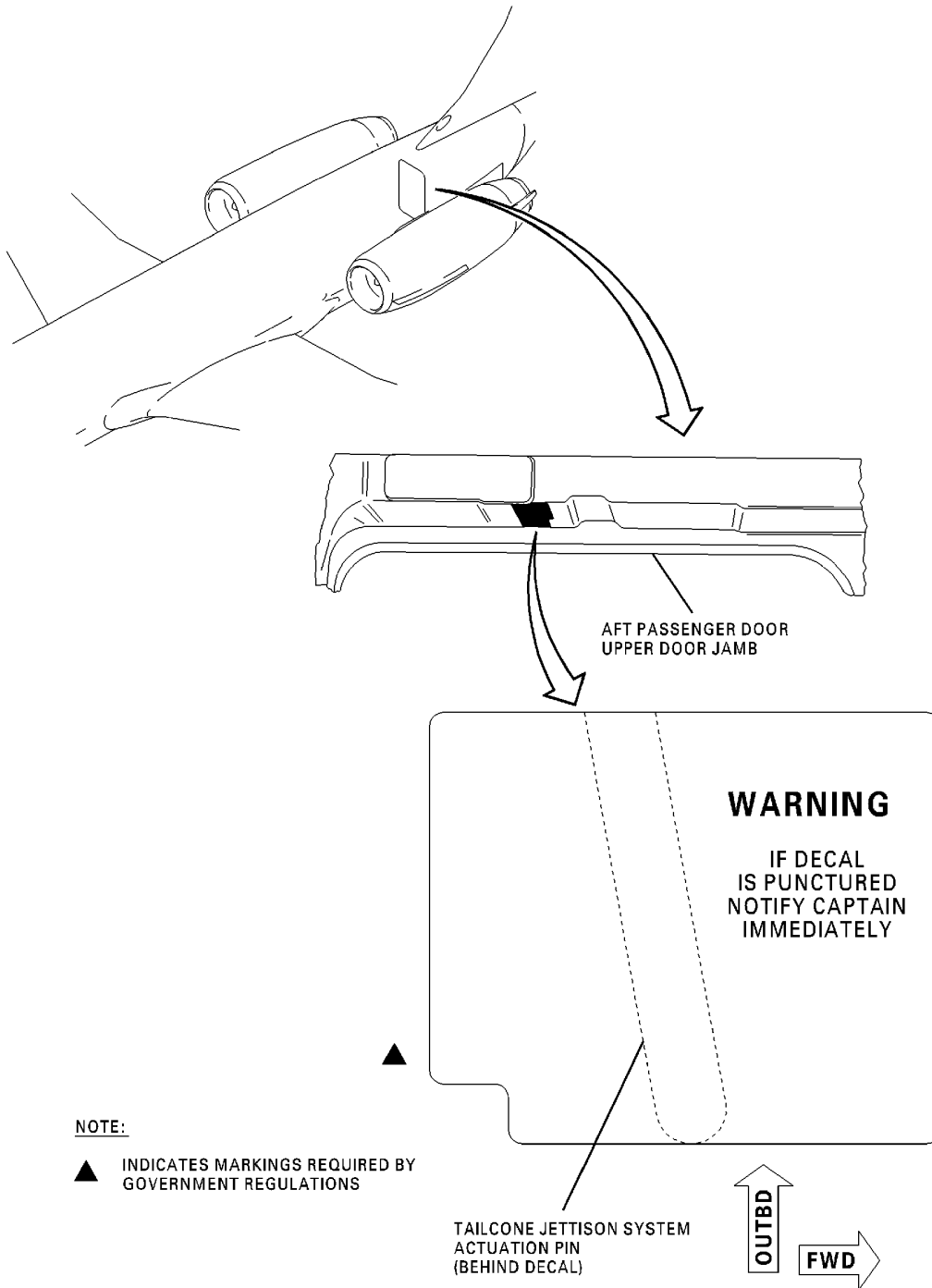
EFFECTIVITY

WJE 401-406, 409, 415, 416, 418, 420-427, 429, 861-866, 868, 873-881, 883, 884, 886, 887, 891-893; with SB 52-175 incorp.

TP-80MM-WJE

11-50-01

MD-80 AIRCRAFT MAINTENANCE MANUAL



CAG(IGDS)

BBB2-11-712

Tailcone Jettison System Safety Decal
Figure 2/11-50-01-990-802

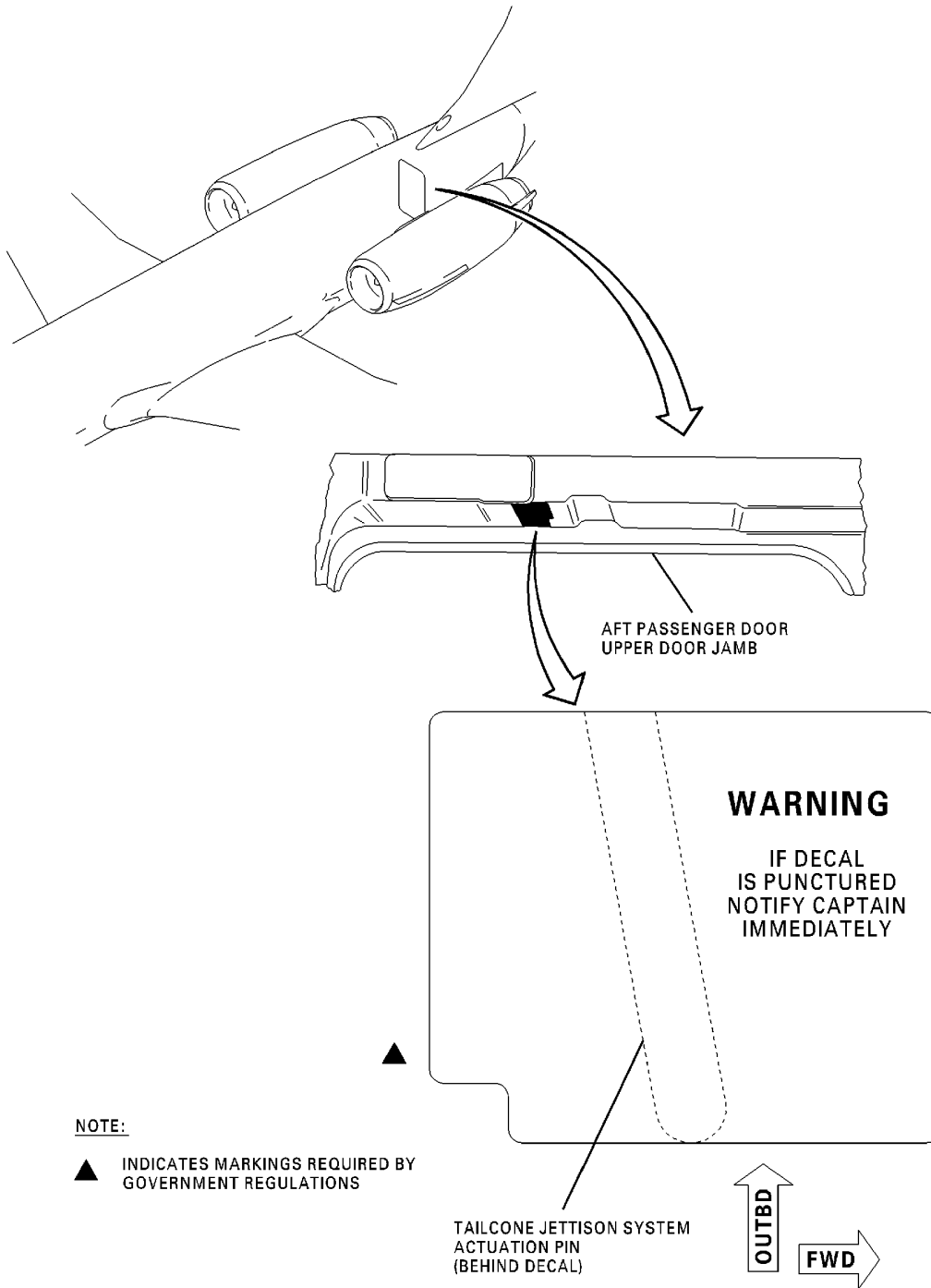
EFFECTIVITY
WJE 407, 408, 410, 411, 417, 419, 869, 871, 872

TP-80MM-WJE

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MD-80 AIRCRAFT MAINTENANCE MANUAL



CAG(IGDS)

BBB2-11-712

WJE
WJE

Tailcone Jettison System Safety Decal
Figure 3/11-50-01-990-803

EFFECTIVITY
WJE 412, 414

TP-80MM-WJE

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