

CHAPTER

06

DIMENSIONS AND AREAS

MD-80 AIRCRAFT MAINTENANCE MANUAL

CHAPTER 06 DIMENSIONS AND AREAS

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<u>FUSELAGE ZONES - DESCRIPTION AND OPERATION</u>	06-24-00		1	WJE ALL
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<u>AFT FUSELAGE AND VERTICAL EMPENNAGE ZONES - DESCRIPTION AND OPERATION</u>	06-25-00	3	1	WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893
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AIRCRAFT MAINTENANCE MANUAL
GENERAL - DESCRIPTION AND OPERATION

1. General

A. This chapter presents the aircraft dimensions, areas, zones, access doors, and station designations. This information is designed to be used in conjunction with other chapters of the MD-80 maintenance manual.

2. Dimensions and Areas

A. Dimensions are given for the aircraft overall length, width (wing span), height at vertical stabilizer, and ground clearance to the underside of wing, fuselage, engine nacelles, and other locations that will be pertinent during maintenance and servicing of the aircraft.

3. Aircraft Zoning

A. The aircraft has been divided and subdivided into areas, and zones to simplify the problems of locating work areas and components. A two-digit numbering system is used to identify areas and zones. Large sections of the aircraft are identified as areas, (first digit) with each area divided into zones (second digit). Major structural components, including landing gear, rudder, elevators, flaps, and ailerons, will have individual zone numbers.

4. Access Doors

A. Access door and panel information includes identification number, nominal open dimension, and the components or areas accessible. The door identification number is of four digits. The first indicates area, the second indicates the zone within the area, the last two digits are the door number within the area and zone.

5. Stations

A. The station designation system is used to identify reference planes and points in inches along those planes, providing a means of identifying the location of structure, center of gravity, and the distribution of weight.

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DIMENSIONS AND AREAS - DESCRIPTION AND OPERATION

1. General

A. The following charts and illustrations give the dimensions of the airplane and the areas of the control surfaces. Airplane minimum and maximum vertical clearance/dimension data is shown in Figure 1.

2. Dimensions

Table 1

A. Overall:	
Span	107.8 feet (32.8 m)
Length	147.8 feet (45.05 m)
Maximum height (top of vertical stabilizer, to ground)	29.6 feet (9.02 m)
B. Fuselage	
Length (radome to conical tail cone)	136.4 feet (41.57 m)
Length (radome to low drag tail cone)	137.4 feet (41.88 m)
Maximum height of fuselage reference plane above ground	7.2 feet (2.19 m)
Fuselage station at main gear center	967
Fuselage station at pressure bulkhead	1338
Distance from fuselage vertical center (at Nacelle L.E.) to vertical centerline of wing nacelles	27 feet 7 inches (8.4 m)
Thrust angle to fuselage reference plane (tail engine)	4 degrees (0.07 rad)
Diameter (outside)	11 feet (3.4 m)
C. Wing:	
Root chord (theoretical)(at fuse centerline leading edge)	232.9 inches (591.6 cm)
Tip chord (theoretical)	36.2 inches (91.9 cm)
Dihedral (at trailing edge)	+3 degrees (0.05 rad)
Sweepback (25% chord line)	24.5 degrees (.427 rad)
D. Ailerons:	
Span (each side)	133.8 inches (339.9 cm)
E. Flaps:	
Span (each side)	355.4 inches (902.7 cm)
F. Horizontal Stabilizer:	
Span	482.2 inches (1224.8 cm)
Sweepback (25% chord line)	31.6 degrees (.552 rad)
Dihedral	-3 degrees (-0.052 rad)
G. Vertical Stabilizer:	
Sweepback (25% chord line)	43.5 degrees (.759 rad)
H. Landing gear:	

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Table 1 (Continued)

Mainwheel tread	16.7 feet (5.1 m)
Wheelbase	72.4 feet (22.1 m)

3. Areas

Table 2

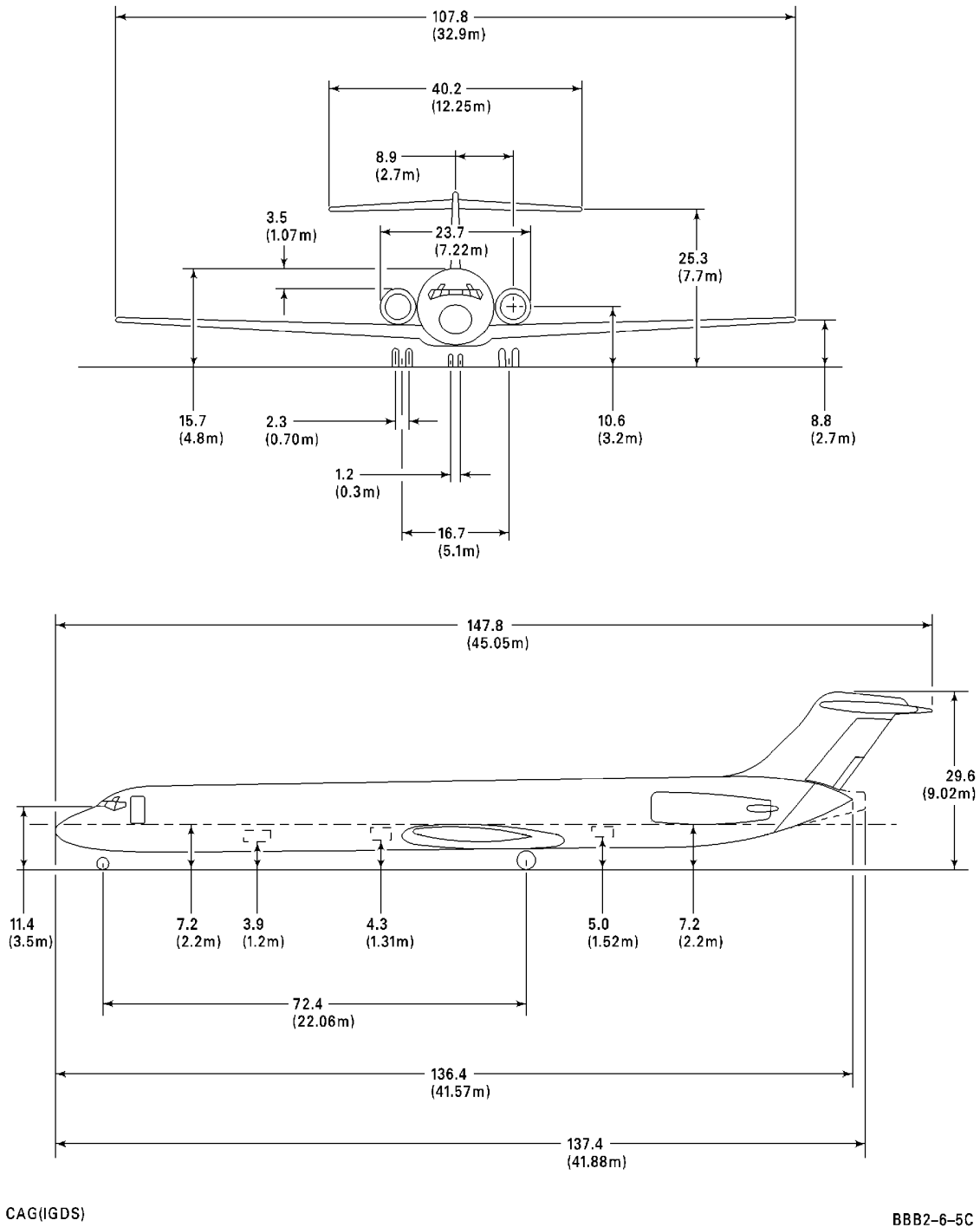
A. Wing (total)	1729.0 square feet (160.6 m ²)
B. Flaps (total both sides)	256.7 square feet (23.9 m ²)
C. Ailerons (total both sides)	38.0 square feet (3.53 m ²)
D. Horizontal Stabilizer (total)	313.1 square feet (29.2 m ²)
E. Elevators (total both sides)	123.2 square feet
F. Vertical Stabilizer (total)	382.0 square feet (35.5 m ²)
G. Rudders	65.0 square feet (6.04 m ²)

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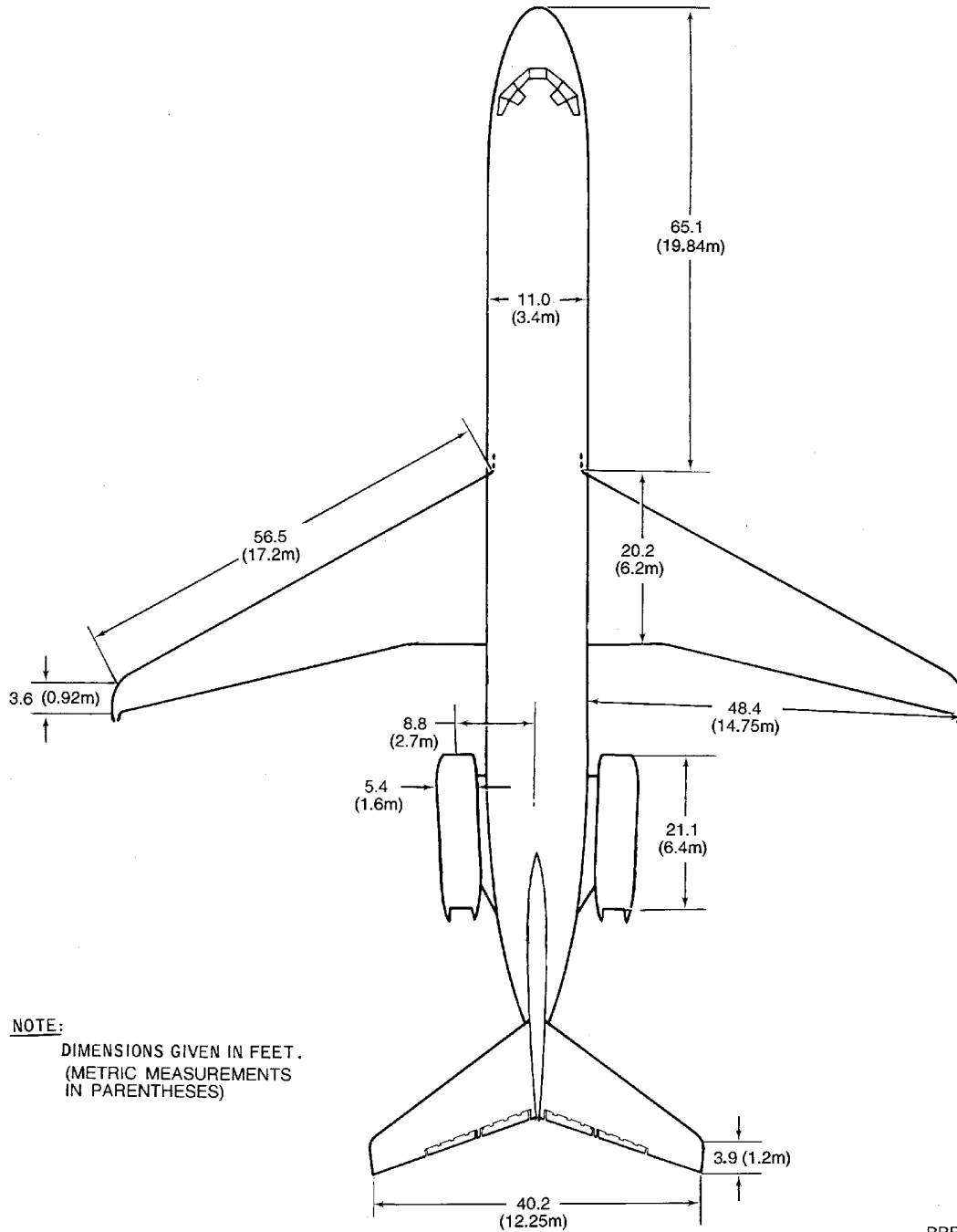
Aircraft Dimensions
Figure 1/06-10-00-990-801 (Sheet 1 of 2)

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Aircraft Dimensions
Figure 1/06-10-00-990-801 (Sheet 2 of 2)

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WORK AREAS - DESCRIPTION AND OPERATION

1. General

- A. The aircraft is divided into eight major work areas which are divided into zones to facilitate planning, controlling and assigning maintenance work. (Figure 06-20-00-990-801)

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AIRCRAFT ZONING AND EXTERNAL ACCESS DOORS - DESCRIPTION AND OPERATION

1. General

- A. The uniform method of dividing the aircraft structure into identifiable sections, called "areas and zones," was developed to simplify the location of units/components/areas, the preparation of job instructions, and the identification of access doors and panels.

2. Aircraft Zoning

- A. The area & zone process employs a two-digit numbering system to identify the areas into which the aircraft has been divided and subdivided. The first digit identifies the large sections of the aircraft, called areas (fuselage, wings, etc.). Each area is divided into zones (R wing, L wing, etc.), identified by the second digit.
- B. Wherever applicable, one digit of the zone number will indicate left or right zones by using an odd number for the left side and an even number for the right side. Zones that straddle the centerline are assigned an odd or even zone number.
- C. The zones will be defined, wherever possible, by actual physical boundaries, such as wing spars, major bulkheads, partitions, control surfaces, etc. Individual zone numbers will be assigned to major structural components, such as landing gears, elevators, flaps, ailerons, etc. The area enclosed by the wing-to-fuselage fillets will have individual fuselage zone numbers. The center wing area within the fuselage and areas between the wing and fuselage floor will have centerwing area zone numbers.
- D. Zone boundaries will enclose related structures, such as door-jamb; that is, a jamb for a specific door will not be split by a zone boundary. A unit or component mounted on a zone boundary will take its zone number from the zone in which it is removed.

3. External Access Doors

- A. The illustrations (Figures) indicate relative location of doors and the accompanying pages list door number, components or area, that is accessible through the opening and nominal opening size.
- B. The symbol code following each access door number indicates the type of fastener used. The number within the symbol code indicates the number of fasteners used (Figure 2).

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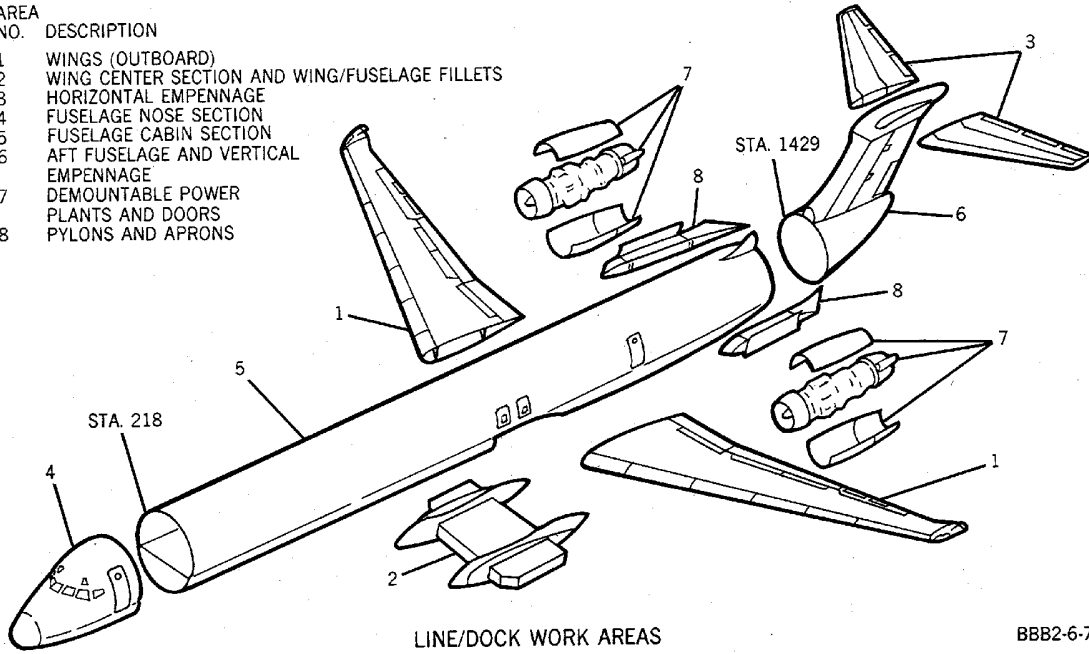
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AREA
NO. DESCRIPTION

- 1 WINGS (OUTBOARD)
- 2 WING CENTER SECTION AND WING/FUSELAGE FILLETS
- 3 HORIZONTAL EMPENNAGE
- 4 FUSELAGE NOSE SECTION
- 5 FUSELAGE CABIN SECTION
- 6 AFT FUSELAGE AND VERTICAL EMPENNAGE
- 7 DEMOUNTABLE POWER PLANTS AND DOORS
- 8 PYLONS AND APRONS



Work Areas
Figure 1/06-20-00-990-801

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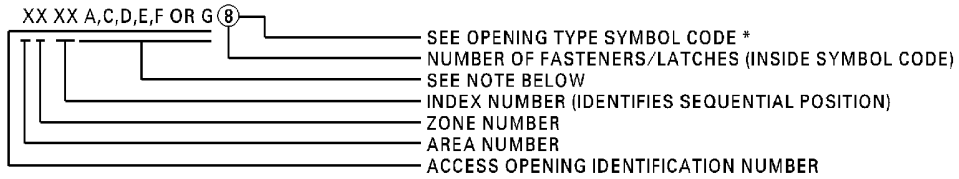
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MD-80 ACCESS DIAGRAM CHARTS

IDENTIFICATION AND SYMBOL CODE



NOTES: NUMBER XXXXA APPLICABLE TO OTHER SERIES DC-9 AIRPLANES ALSO
 NUMBER XXXXC DENOTES CHANGES AND/OR ADDITIONS APPLICABLE TO ALL MD-80 SERIES AIRPLANES
 NUMBER XXXXD DENOTES CHANGES AND/OR ADDITIONS PECULIAR TO MD-83 AIRPLANES
 NUMBER XXXXE DENOTES CHANGES AND/OR ADDITIONS PECULIAR TO MD-87 AIRPLANES
 NUMBER XXXXF DENOTES CHANGES AND/OR ADDITIONS PECULIAR TO MD-88 AIRPLANES
 NUMBER XXXXG DENOTES COMPOSITE CONTROL SURFACES APPLICABLE TO MD-80 AIRPLANES

*SYMBOL CODE

- QUICK OPENING (NO TOOLS REQUIRED, e.g., PUSH BUTTON LATCH) ETC.
- △ QUICK OPENING (TOOLS REQUIRED, e.g., DZUS/CAMLOC STUDS) ETC.
- STRESS OPENING (TOOLS REQUIRED, e.g., NAS, AN, MS, SCREWS AND STRESSED CAMLOC FASTENERS)

THESE DATA SUBJECT TO RESTRICTIVE LEGEND ON TITLE PAGE OR FIRST PAGE

CAG(IGDS)

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Access Door Identification Code Figure 2/06-20-00-990-802

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WING ZONES AND ACCESS DOORS - DESCRIPTION AND OPERATION

1. General

- A. Wing zones (work area 1) encompass the left and right wing including control surfaces and main landing gear. Refer to Figure 1 for individual zone boundaries.

Table 1 Left Wing -- Lower Surface

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1110C	Slat Mechanism Lube Access, Front Spar and Leading Edge Structure	7 x 7
1111C	Front Spar and Leading Edge Structure	7 x 24
1112C	Slat Mechanism Lube Access, Front Spar and Leading Edge Structure	7 x 10
1113C	Front Spar and Leading Edge Structure	7 x 25
1114C	Slat Mechanism Lube Access, Front Spar and Leading Edge Structure	7 x 10
1115C	Front Spar and Leading Edge Structure	10 x 25
1116C	Slat Mechanism Lube Access	6 x 7
1117C	Front Spar and Leading Edge Structure	7 x 33
1118C	Slat Mechanism Lube Access, Front Spar and Leading Edge Structure	6 x 7
1119C	Front Spar and Leading Edge Structure	8 x 28
1120C	Front Spar and Leading Edge Structure, Wiring Terminal	9 x 50
1121C	Slat Mechanism Lube Access	6 x 7
1122C	Slat Mechanism Lube Access	7 x 11
1123C	Slat Drive Mechanism Lube Access	6 x 7
1124C	Slat Idler Track Mechanism Lube Access	6 x 7
1128C	Slat Mechanism Lube Access	6 x 7
1130C	Slat Mechanism Lube Access	7 x 12
1131C	Leading Edge Wiring Terminal	9 x 16
1132C	Front Spar and Leading Edge Structure	11 x 60
1134C	Slat Mechanism Lube Access	6 x 7
1136C	Front Spar and Leading Edge Structure	12 x 50
1137A	Left Wing Tip Navigation Light (Red) Electrical Connector	6 x 5
1138C	Aft Navigation (White) Light Electrical and Logo Light Connector, LH	4 x 4
1139A	Left Navigation (Red) Lamp	2 x 3
1144C	Front Spar and Leading Edge Structure	16 x 29
1146A	Left Wing Tip Landing Light Electrical Disconnect	6 x 13
1147A	Flux Gate Compass Disconnect	2 x 2

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Table 1 Left Wing -- Lower Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1148C	Slat Drive Mechanism Lube, Wiring Terminal	7 x 12
1155C	Heating Duct and Slat Mechanism	9 x 12
1156C	Heating Duct and Slat Mechanism	7 x 4
1157C	Heating Duct and Slat Mechanism	6 x 5
1158C	Heating Duct and Slat Mechanism	6 x 5
1159C	Slat Mechanism Lubrication	7 x 12
1160C	Slat Drive, Pulleys and Cables, Anti-icing Duct Wiring Terminal, Overheat (Duct Rupture) Sensor	16 x 45
1161C	Slat Mechanism Lubrication	7 x 12
1162C	Slat Mechanism Lubrication	6 x 7
1163C	Front Spar and Leading Edge Structure, Wiring Terminal	16 x 45
1164C	Slat Idler Track Lubrication	6 x 7
1165C	Slat Drive, Pulleys and Cables, Turnbuckles for Slat Drive Track	14 x 57
1166C	Slat Mechanism Lubrication	6 x 7
1167C	Slat Mechanism Lubrication	6 x 7
1168C	Front Spar and Leading Edge Structure	10 x 13
1169C	Slat Mechanism Lubrication	6 x 7
1170C	Slat Mechanism Lubrication	6 x 7
1171C	Front Spar and Leading Edge Structure	10 x 55
1172C	Slat Advisory Switch	6 x 7
1173C	Slat Mechanism Lubrication	8 x 12
1174C	Slat Idler Track Lubrication	7 x 8
1183C	Slat Idler Track Lubrication	4 x 6
1184C	Heating Duct and Slat Mechanism	6 x 7
1185C	Front Spar, Leading Edge Structure, slat cables	7 x 11
1351C	Left Main Fuel Tank, Sump Drain	1.25 Diameter
1352C	Left Main Fuel Tank, Dip Stick (Magnetic), Inboard	1.25 Diameter
1355C	Left Main Fuel Tank, Fuel Qty Probes #8 and 9	12 x 21
1357C	Left Main Fuel Tank	12 x 21
1359C	Left Main Fuel Tank Dip Stick	1.25 Diameter
1361C	Left Main Fuel Tank	12 x 21
1363C	Left Main Fuel Tank, Fuel Qty Probe #10	12 x 21
1365C	Left Main Fuel Tank	12 x 21

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Table 1 Left Wing -- Lower Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1367C	Left Main Fuel Tank, Fuel Qty Probe #11	12 x 21
1369C	Left Main Fuel Tank Dip Stick	1.25 Diameter
1371C	Left Main Fuel Tank	12 x 21
1373C	Left Main Fuel Tank	12 x 21
1375C	Left Main Fuel Tank Dip Stick, Outboard	1.25 Diameter
1377C	Left Main Fuel Tank, Fuel Qty Probe #12	12 x 21
1379C	Left Main Fuel Tank	12 x 21
1501C	Inboard Flapwell, Flap Position Transmitter, Control Cables, Spoiler Actuator and Hydraulic Lines	13 x 5
1502C	Flapwell, Inboard Flight Ground Spoiler Actuator, Control Cables and Quadrant, Aft Spar, and Hydraulic Lines	96 x 17
1503A	Outboard Flapwell, Outboard Flight Spoiler Actuator, Control Cables and Quadrant, Aft Spar and Hydraulic Lines, Left Outboard Flight Spoiler Position Sensor	82 x 17
1504A	Aileron Mechanism, Control Cables and Aft Spar	21 x 10
1505A	Aileron Mechanism, Aileron Hinge Bearing, Control Quadrant and Aft Spar	23 x 14
1506A	Aileron Mechanism, Aft Spar and Control Cables, Left Aileron Position Sensor	11 x 6
1507A	Aileron Hinge Bearing and Aft Spar	3-1/2 x 14
1508A	Aileron Mechanism, Aft Spar and Control Cables	30 x 6
1509A	Aileron Mechanism	26 x 6
1510A	Aileron Hinge Bearing, Trim Tab Mechanism, and Aft Spar	11 x 7
1511A	Aileron Mechanism, Aft Spar and Control Cables	30 x 5
1512A	Aileron Hinge Bearing and Aft Spar	10 x 8
1579C	Hydraulic Lines, Electrical Lines, Proximity Switch Connector Left Wing -- Lower Surface	15 x 40

Table 2 Left Aileron and Flap -- Lower Surface

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1519C	Outboard Flap Actuator Attach	6 x 8
1520C	Outboard Flap Actuator Attach	5 x 6
1522A	Flap Section Attach Bracket	1-1/2 x 2
1523A	Flexible Flap Section Joint	3 x 12
1524A	Flap Section Attach Bracket	1-1/2 x 2
1530A	Flap Section Attach Bracket	1-1/2 x 2
1531A	Flexible Flap Section Joint	3 x 12

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Table 2 Left Aileron and Flap -- Lower Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1532A	Flap Section Attach Bracket	1-1/2 x 2
1534A	Outboard Flap Actuator Attach	3 x 4
1535A	Outboard Flap Actuator Attach	3 x 4
1540A	Flap Section Attach Bracket	1-1/2 x 2
1541A	Flexible Flap Section Joint	3 x 10
1542A	Flap Section Attach Bracket	1-1/2 x 2
1545A	Outboard Flap Hinge Attach	5 x 7
1546A	Outboard Flap Hinge Attach	5 x 7
1555A	Inboard Aileron Damper	6 x 6
1556A	Front Spar and Structure	23 x 2 1/2
1557A	Front Spar and Structure	24 x 2 1/2
1558A	Trim Tab Mechanism	9 x 2
1559A	Trim Tab Mechanism	2 x 3
1561A	Front Spar and Structure	25 x 2 1/2
1565A	Inboard Aileron Damper	6 x 6
1567A	Control Tab Mechanism	2 1/2 x 6
1569A	Inboard Aileron Attach	1 1/2 x 2 1/2
1571A	Inboard Aileron Attach	1 1/2 x 2 1/2
1574C	Inboard Flap Actuator Attach	5 x 6
1575C	Inboard Flap Actuator Attach	5 x 6
1576C	Flex Joint Mechanism, Wing Flap	4 x 7
1577C	Flex Joint Mechanism, Wing Flap	41 x 9

WJE 412, 414, 875-879

Table 3 Left Wing -- Upper Surface

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1135A	Flux Valve Compass, Wiring and Connectors, LH	8 x 4
1175C	Pulleys and Cables	1 x 3
1176C	Pulleys and Cables	2 x 3
1177C	Pulleys and Cables	2 x 4
1178C	Pulleys and Cables	2" Dia.
1179C	Pulleys and Cables	2 x 3
1180C	Pulleys and Cables	1-1/2 Dia.
1181C	Pulleys and Cables	1-1/2 Dia.

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WJE 412, 414, 875-879 (Continued)

Table 3 Left Wing -- Upper Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1182C	Pulleys and Cables	2 x 4
1303C	Left Wing Forward Main Fuel Tank Boost Pump, Top Surface	8 x 10
1307C	Left Wing Fuel Tank Compensator, Fuel Qty Probes #5, #6, and #7, Aft Main Boost Pump	12 x 22
1311C	Left Wing Fuel Tank, Qty Probe #8	12 x 22
1321C	Left Wing Fuel Tank Overwing Filler	4" Dia.
1323C	Left Wing Fuel Tank Vent Relief Valve	7 x 12
1325C	Left Wing Fuel Tank From Top Surface	16 x 7
1327C	Left Wing Fuel Tank From Top Surface	7 x 12
1329C	Control Cable and pulley Brackets	16 x 7
1331C	Left Wing Fault Isolator Probe	3" Dia.
1333C	Center Wing Fault Isolator Probe	3" Dia.
1335C	Center Wing Fuel Qty Probes #3 and #4	12 x 22
1337C	Control Cable and Pulley Brackets	7 x 12
1339C	Control Cable and Pulley Brackets	7 x 12
1525A	Alternate Lubrication Fitting for Outboard Flight Spoiler Drive Link	3 x 3
1526A	Alternate Lubrication Fitting for Inboard Flight Spoiler Drive Link	3 x 3
1527A	Alternate Lubrication Fitting for Ground Spoiler Drive Link	3 x 3
1549A	Flexible Flap Section Joint and Flap Structure	3 x 10
1550A	Flexible Flap Section Joint	3 x 12
1551A	Flexible Flap Section Joint	3 x 12
1554A	Inboard #2 Aileron Hinge Nut	2" Dia.
1560A	Outboard #3 Aileron Hinge Nut	2" Dia.
1562A	Outboard #4 Aileron Hinge Nut	2" Dia.
1573A	Inboard #1 Aileron Hinge Nut	2" Dia.
1578C	Flexjoint, Mechanism Wing Flap	46 x 9

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Table 4 Left Wing -- Upper Surface

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1135A	Wing Tip Attach Fitting	8 x 4

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WJE 422, 424, 429 (Continued)

Table 4 Left Wing -- Upper Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1175C	Pulley Pivot Bolt - Cable 224B No. 5 Slat Outboard Retract	1 x 3
1176C	Pulley Pivot Bolt - Cable 223B No. 5 Slat Outboard Extend	2 x 3
1177C	Pulley Pivot Bolt - Cable 222B No. 5 Slat Inboard Retract	2 x 3
1178C	Pulley Pivot Bolt - Cable 222B No. 5 Slat Inboard Retract	2" Dia.
1179C	Pulley Pivot Bolt - Cable 221B No. 5 Slat Inboard Extend	2 x 3
1180C	Pulley Pivot Bolt - Cable 213B No. 2 Slat Extend	1.5" Dia.
1181C	Pulley Pivot Bolt - Cable 213B No. 2 Slat Extend	1.5" Dia.
1182C	No. 2 Slat Drive Track Down Stop, Cable Guard Pins	2 x 4
1188C	No. 5 Slat Outboard Drive Track	2 x 2
1189C	No. 5 Slat Inboard Drive Track	2 x 4
1190C	Transfer Drum for No. 5 Slat Drive Cables	30 x 46
1191C	Pulley Pivot Bolt - Cable 218B No. 4 Slat Retract	1.5" Dia.
1192C	No. 4 Slat Drive Track Down Stop	4 x 6
1193C	Pulley Pivot Bolt - Cable 217B No. 4 Slat Extend	1.5" Dia.
1194C	No. 3/4 Common Idler Track Down Stop	3 x 7
1195C	No. 3 Slat Drive Track Down Stop	3 x 7
1196C	No. 2/3 Common Idler Track Down Stop	3 x 7
1197C	Pulley Pivot Bolt - Cable 214B No. 2 Slat Retract	2 x 4
1198C	No. 1 Slat Drive Track Down Stop	4 x 6
1199C	No. 0 Slat Drive Track Down Stop	4 x 6
1303C	Left Wing Forward Main Fuel Tank Boost Pump, Top Surface	8 x 10
1307C	Left Wing Fuel Tank Compensator, Fuel Qty Probes #5, #6, and #7 Aft Main Boost Pump	12 x 22
1311C	Left Wing Fuel Tank, Qty Probe #8	12 x 22
1321C	Left Wing Fuel Tank Overwing Filler	4" Dia.
1323C	Left Wing Fuel Tank Vent Relief Valve	7 x 12
1325C	Left Wing Fuel Tank From Top Surface	16 x 7
1327C	Left Wing Fuel Tank From Top Surface	7 x 12
1329C	Left Wing Fuel Tank From Top Surface	16 x 7
1331C	Left Wing Fault Isolator Probe	3" Dia.
1333C	Center Wing Fault Isolator Probe	3" Dia.
1335C	Center Wing Fuel Qty Probes #3 and #4	12 x 22

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WJE 422, 424, 429 (Continued)

Table 4 Left Wing -- Upper Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1337C	Control Cable and Pulley Brackets	7 x 12
1339C	Control Cable and Pulley Brackets	7 x 12
1525A	Alternate Lubrication Fitting for Outboard Flight Spoiler Drive Link	3 x 3
1526A	Alternate Lubrication Fitting for Inboard Flight Spoiler Drive Link	3 x 3
1527A	Alternate Lubrication Fitting for Ground Spoiler Drive Link	3 x 3
1549A	Flexible Flap Section Joint and Flap Structure	3 x 10
1550A	Flexible Flap Section Joint	3 x 12
1551A	Flexible Flap Section Joint	3 x 12
1554A	Inboard #2 Aileron Hinge Nut	2" Dia.
1560A	Outboard #3 Aileron Hinge Nut	2" Dia.
1562A	Outboard #4 Aileron Hinge Nut	2" Dia.
1573A	Inboard #1 Aileron Hinge Nut	2" Dia.
1578C	Flexjoint, Mechanism Wing Flap	46 x 9

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Table 5 Right Wing -- Lower Surface

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1203C	Heating Duct and Slat Mechanism	9 x 12
1204C	Heating Duct and Slat Mechanism	7 x 4
1205C	Heating Duct and Slat Mechanism	6 x 5
1206C	Heating Duct and Slat Mechanism	6 x 5
1207A	Right Wing Tip Landing Light Electrical Disconnect	6 x 13
1208C	Aft Navigation (White) Light and Logo Light Electrical Connector, RH	4 x 4
1209C	Slat Drive Lubrication, Front Spar and Leading Edge Structure	6 x 7
1210C	Slat Mechanism Lube, Access Front Spar and Leading Edge Structure	7 x 7
1211C	Front Spar and Leading Edge Structure	7 x 24
1212C	Slat Mechanism Lube, Access Front Spar and Leading Edge Structure	7 x 10
1213C	Front Spar and Leading Edge Structure, Turnbuckle for Slat Drive Track	7 x 25

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Table 5 Right Wing -- Lower Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1214C	Slat Mechanism Lube, Access Front Spar and Leading Edge Structure	7 x 10
1215C	Front Spar and Leading Edge Structure	10 x 25
1217C	Front Spar and Leading Edge Structure	7 x 33
1218C	Slat Mechanism Lube, Access Front Spar and Leading Edge Structure	6 x 7
1219C	Front Spar and Leading Edge Structure	8 x 28
1220C	Front Spar and Leading Edge Structure	9 x 50
1221C	Slat Mechanism Lube Access	6 x 7
1222C	Slat Mechanism Lube Access	7 x 11
1226C	Front Spar and Leading Edge Structure	10 x 13
1231C	Leading Edge Wiring Terminals	9 x 16
1235C	Slat Mechanism Lubrication, Defueling Valve	4 x 5
1236C	Slat Idler Track Lubrication	6 x 7
1238A	Right Wing Tip Navigation (Green) Lamp	3 x 2
1240A	Right Wing Tip Navigation Light (Green) Electrical Disconnect	6 x 5
1242C	Slat Drive Mechanism Inspection	14 x 57
1243C	Slat Idler Track Lubrication	6 x 7
1244C	Front Spar and Leading Edge Structure, Wire Terminal	16 x 45
1248C	Leading Edge Structure, Pulleys, Cables, and Turnbuckles	12 x 50
1249C	Fueling Adapter, Fill Valves and Control Panel, Cable Turnbuckles #2 Slat Drive Track	11 x 60
1250C	Slat Drive Track Lubrication	5 x 10
1251A	Flux Gate Compass Disconnect	2 x 2
1253C	Slat Mechanism Lubrication	4 x 6
1254C	Slat Drive Track Lube, Front Spar and Leading Edge	6 x 7
1255C	Slat Idler Track Lube	7 x 8
1256C	Slat Mechanism Lube	8 x 12
1257C	Slat Drive Lube	6 x 7
1258C	Front Spar and Leading Edge Structure	10 x 55
1259C	Slat Idler Track Lube	6 x 7
1260C	Slat Mechanism Lube	6 x 7
1261C	Slat Mechanism Lube	6 x 7
1262C	Slat Mechanism Lube	7 x 12

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Table 5 Right Wing -- Lower Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1263C	Slat Drive Inspection, Pulley, Cables, Anti-icing Duct Wiring Terminal, Overheat (Duct Rupture) Sensor	16 x 45
1264C	Slat Mechanism Lube	7 x 12
1265C	Slat Mechanism Lube, Wiring Terminal	7 x 12
1266C	Front Spar - Leading Edge Structure	16 x 29
1267C	Slat Mechanism Lube	7 x 12
1277C	Slat Mechanism Lubrication	6 x 7
1278C	Heating Duct and Slat Mechanism	7 x 6
1279C	Front Spar Leading Edge Structure, Slat Cables	7 x 11
1449C	Magnastick	1.25 Diameter
1450C	Right Main Fuel Tank, Sump Drain	7/8 Diameter
1454C	Right Main Fuel Tank, Fuel Qty Probes #8 and #9	12 x 21
1456C	Right Main Fuel Tank	12 x 21
1458C	Magnastick	1.25 Diameter
1460C	Right Main Fuel Tank	12 x 21
1462C	Right Main Fuel Tank	12 x 21
1464C	Right Main Fuel Tank, Fuel Qty Probe #10	12 x 21
1466C	Right Main Fuel Tank, Fuel Qty Probe #11	12 x 21
1468C	Magnastick	1.25 Diameter
1470C	Right Main Fuel Tank	12 x 21
1472C	Right Main Fuel Tank	12 x 21
1474C	Magnastick	1.25 Diameter
1476C	Right Main Fuel Tank, Fuel Qty Probe #12	12 x 21
1478C	Right Main Fuel Tank	12 x 21
1601C	Inboard Flapwell, Flap Position Transmitter, Aft Spar, Control Cables, Spoiler Actuator and Hydraulic Lines	13 x 5
1602C	Flapwell, Inboard Flight Spoiler Actuator Aft Spar, Control Cables and Quadrant Cable Fairleads and Hydraulic Lines, Right Inboard Flight Spoiler Position Sensor	96 x 17
1603A	Outboard Flapwell, Outboard Flight Spoiler Actuator, Control Cables, Aft Spar Control Quadrant, and Hydraulic Lines	82 x 17
1604A	Aileron Mechanism, Control Cables, and Aft Spars	21 x 10
1605A	Aileron Mechanism, Aileron Hinge Bearing, Control Quadrant and Aft Spar	23 x 14
1606A	Aileron Mechanism, Aft Spar, and Aileron Control Cables	11 x 6

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Table 5 Right Wing -- Lower Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1607A	Aileron Hinge Bearing and Aft Spar	3 1/2 x 14
1608A	Aileron Mechanism, Aft Spar, and Aileron Control Cables	30 x 6
1609A	Aileron Mechanism, Aft Spar, and Aileron Control Cables	26 x 6
1610A	Aileron Hinge Bearing Trim Tab Mechanism and Aft Spar	11 x 7
1611A	Aileron Mechanism, Aft Spar, and Aileron Control Cables	30 x 5
1612A	Aileron Hinge Bearing and Aft Spar	10 x 8
1679C	Hydraulic Lines, Electrical Lines, Proximity Switch Connector	15 x 40

Table 6 Right Aileron and Flap -- Lower Structure

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1619C	Outboard Flap Actuator	6 x 8
1620C	Outboard Flap Actuator	5 x 6
1622A	Flap Section Attach Bracket	1-1/2 x 2
1623A	Flexible Flap Section Joint	3 x 12
1624A	Flap Section Attach Bracket	1-1/2 x 2
1630A	Flap Section Attach Bracket	1-1/2 x 2
1631A	Flexible Flap Section Joint	3 x 12
1632A	Flap Section Attach Bracket	1-1/2 x 2
1634A	Outboard Flap Actuator	3 x 4
1635A	Outboard Flap Actuator	3 x 4
1640A	Flap Section Attach Bracket	1-1/2 x 2
1641A	Flexible Flap Section Joint	3 x 10
1642A	Flap Section Attach Bracket	1-1/2 x 2
1645A	Outboard Flap Hinge	5 x 7
1646A	Outboard Flap Hinge	5 x 7
1653A	Inboard Aileron Damper	6 x 6
1655A	Outboard Aileron Damper	6 x 6
1656A	Structure and Front Spar	23 x 2-1/2
1657A	Structure and Front Spar	24 x 2-1/2
1658A	Trim Tab Mechanism	9 x 2
1659A	Trim Tab Mechanism	2 x 3
1661A	Structure and Front Spar	25 x 2-1/2
1665A	Control Tab Mechanism	2-1/2 x 6

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Table 6 Right Aileron and Flap -- Lower Structure (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1667A	Inboard Aileron Attach	1-1/2 x 2-1/2
1669A	Inboard Aileron Attach	1-1/2 x 2-1/2
1672C	I.B. Flap Actuator Attach	5 x 6
1673C	I.B. Flap Actuator Attach	5 x 6
1674C	Flap Flexible Joint Mechanism	4 x 7
1675C	Flap Flexible Joint Mechanism	41 x 9

WJE 422, 424, 429

Table 7 Right Wing -- Upper Surface

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1252A	Wing Tip Attach Fitting	8 x 4
1269C	Pulley Pivot Bolt - Cable 240B No. 5 Slat Outboard Retract	1 x 3
1270C	Pulley Pivot Bolt - Cable 239B No. 5 Slat Outboard Extend	2 x 3
1271C	Pulley Pivot Bolt - Cable 238B No. 5 Slat Inboard Retract	2 x 3
1272C	Pulley Pivot Bolt - Cable 238B No. 5 Slat Inboard Retract	2" Dia.
1273C	Pulley Pivot Bolt - Cable 237B No. 5 Slat Inboard Extend	2 x 3
1274C	Pulley Pivot Bolt - Cable 229B No. 2 Slat Extend	1.5" Dia.
1275C	Pulley Pivot Bolt - Cable 229B No. 2 Slat Extend	1.5" Dia.
1276C	No. 2 Slat Drive Track Down Stop, Cable Guard Pins	2 x 4
1281C	No. 5 Slat Outboard Drive Track	2 x 2
1282C	No. 5 Slat Inboard Drive Track	2 x 4
1283C	Transfer Drum for No. 5 Slat Drive Cables	30 x 46
1284C	Pulley Pivot Bolt - Cable 234B No. 4 Slat Retract	1.5" Dia.
1285C	No. 4 Slat Drive Track Down Stop	4 x 6
1286C	Pulley Pivot Bolt - Cable 233B No. 4 Slat Extend	1.5" Dia.
1287C	No. 3/4 Common Idler Track Down Stop	3 x 7
1288C	No. 3 Slat Drive Track Down Stop	3 x 7
1289C	No. 2/3 Common Idler Track Down Stop	3 x 7
1290C	Pulley Pivot Bolt - Cable 230B No. 2 Slat Retract	2 x 4
1291C	No. 1 Slat Drive Track Down Stop	4 x 6
1292C	No. 0 Slat Drive Track Down Stop	4 x 6
1409C	Right Wing Forward Main Fuel Tank Boost Pump	8 x 10

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Table 7 Right Wing -- Upper Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1410C	Right Wing Fuel Tank, Engine Start Pump, Compensator, Fuel Qty Probes #5, #6, and #7, Aft Main Boost Pump	12 x 22
1414C	Right Wing Fuel Tank, Fuel Qty Probe #8	12 x 22
1424C	Right Wing Fuel Tank Overwing Filler	4 Diameter
1426C	Right Wing Fuel Tank, Vent Relief Valve	7 x 12
1428C	Right Wing Fuel Tank From Top Surface	16 x 7
1430C	Right Wing Fuel Tank From Top Surface	7 x 12
1432C	Right Wing Fuel Tank From Top Surface	16 x 7
1434C	Right Wing Fault Isolator Probe	3" Dia.
1436C	Center Wing Fuel Tank, Center Wing Fuel Boost Pump and Fuel Qty Probes #3A and #4	12 x 22
1438C	Control Cable and Pulley Brackets	7 x 12
1440C	Control Cable and Pulley Brackets	7 x 12
1625A	Alternate Lubrication Fitting for Outboard Flight Spoiler Drive Link	3 x 3
1626A	Alternate Lubrication Fitting for Inboard Flight Spoiler Drive Link	3 x 3
1627A	Alternate Lubrication Fitting for Ground Spoiler Drive Link	3 x 3
1649A	Flexible Flap Section Joint and Flap Structure	3 x 10
1650A	Flexible Flap Section Joint and Flap Structure	3 x 12
1651A	Flexible Flap Section Joint and Flap Structure	3 x 12
1654A	Inboard No. 2 Aileron Hinge Attach Nut	2 Diameter
1660A	Outboard No. 3 Aileron Hinge Attach Nut	2 Diameter
1662A	Outboard No. 4 Aileron Hinge Attach Nut	2 Diameter
1671A	Inboard No. 1 Aileron Hinge Attach Nut	2 Diameter
1676C	Flexjoint, Wing Flap	46 x 9

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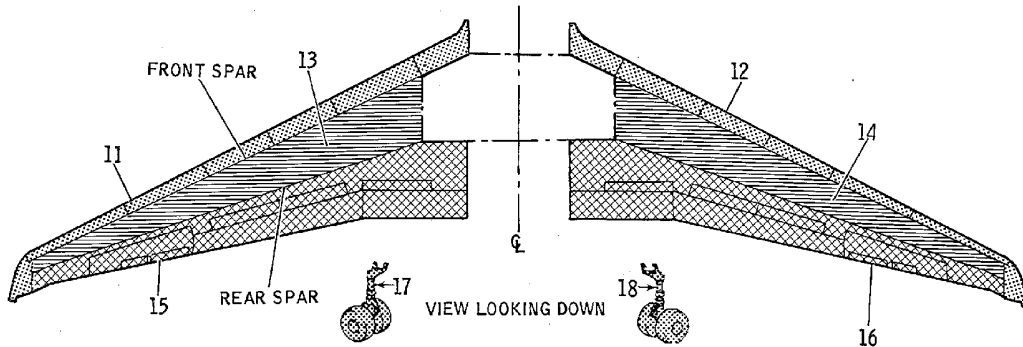
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WING ZONES - WORK AREA 1

AREA	ZONE	ZONE DESCRIPTION
1	0	EXTERIOR SURFACES OF THE WING (BOTH SIDES)
1	1	L/H WING LEADING EDGE AND TIP
1	2	R/H WING LEADING EDGE AND TIP
1	3	L/H INTER-SPAR BOX (L/H FUEL TANK AND VENT BOX)
1	4	R/H INTER-SPAR BOX (R/H FUEL TANK AND VENT BOX)
1	5	L/H TRAILING EDGE STRUCTURE AND CONTROL SURFACES AFT OF REAR SPAR
1	6	R/H TRAILING EDGE STRUCTURE AND CONTROL SURFACES AFT OF REAR SPAR
1	7	L/H MAIN LANDING GEAR AND STRUT DOOR
1	8	R/H MAIN LANDING GEAR AND STRUT DOOR

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**Wing Zones -- Work Area 1
Figure 1/06-21-00-990-801**

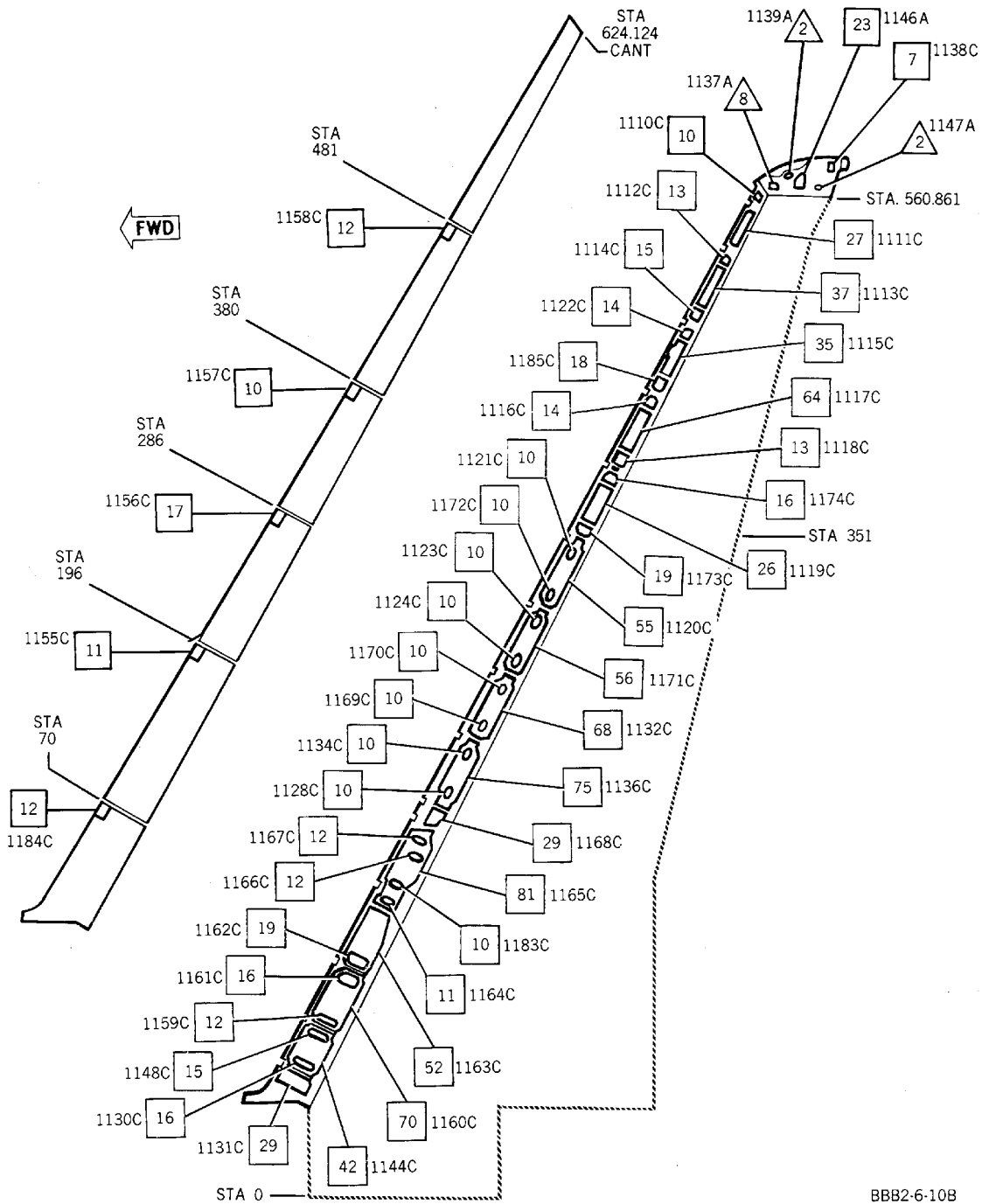
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Left Wing -- Lower Surface
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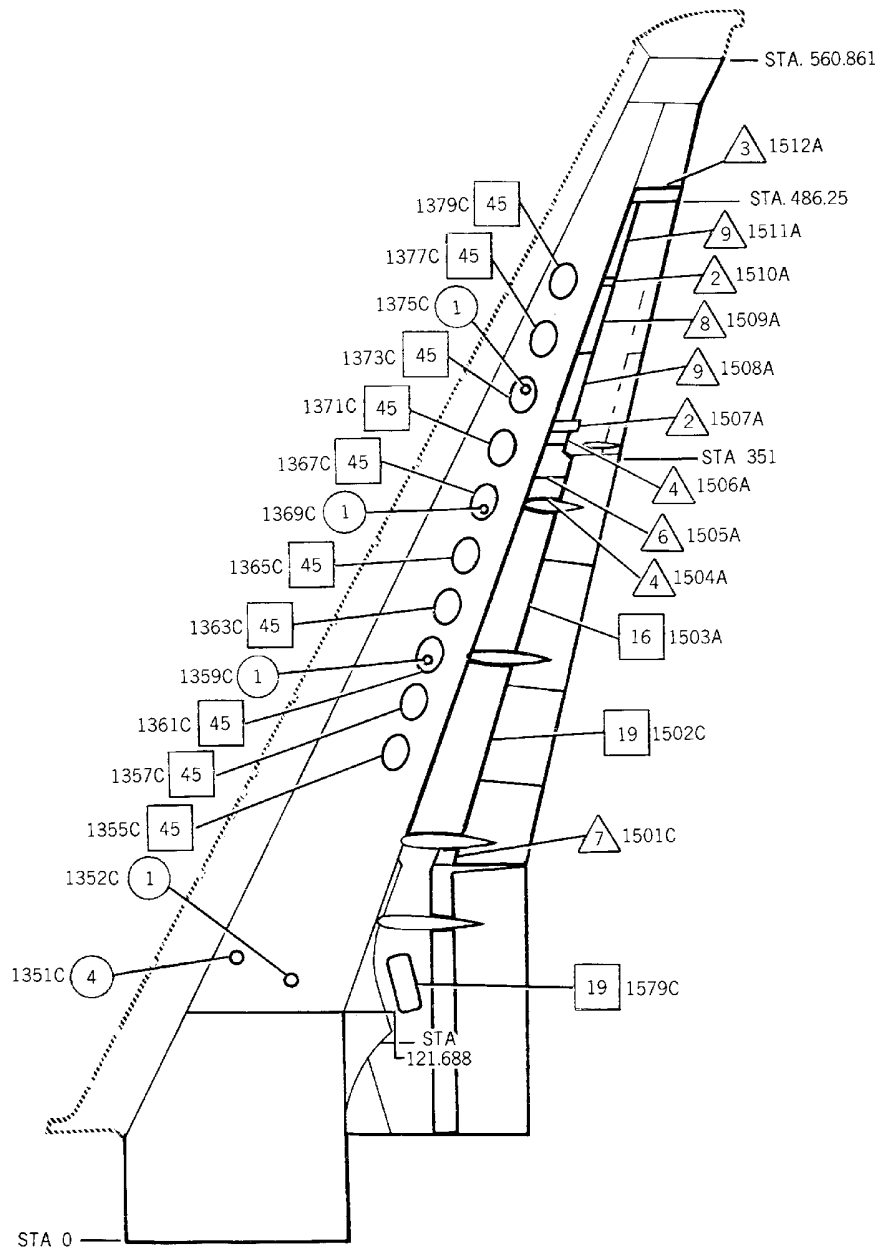
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**Left Wing -- Lower Surface
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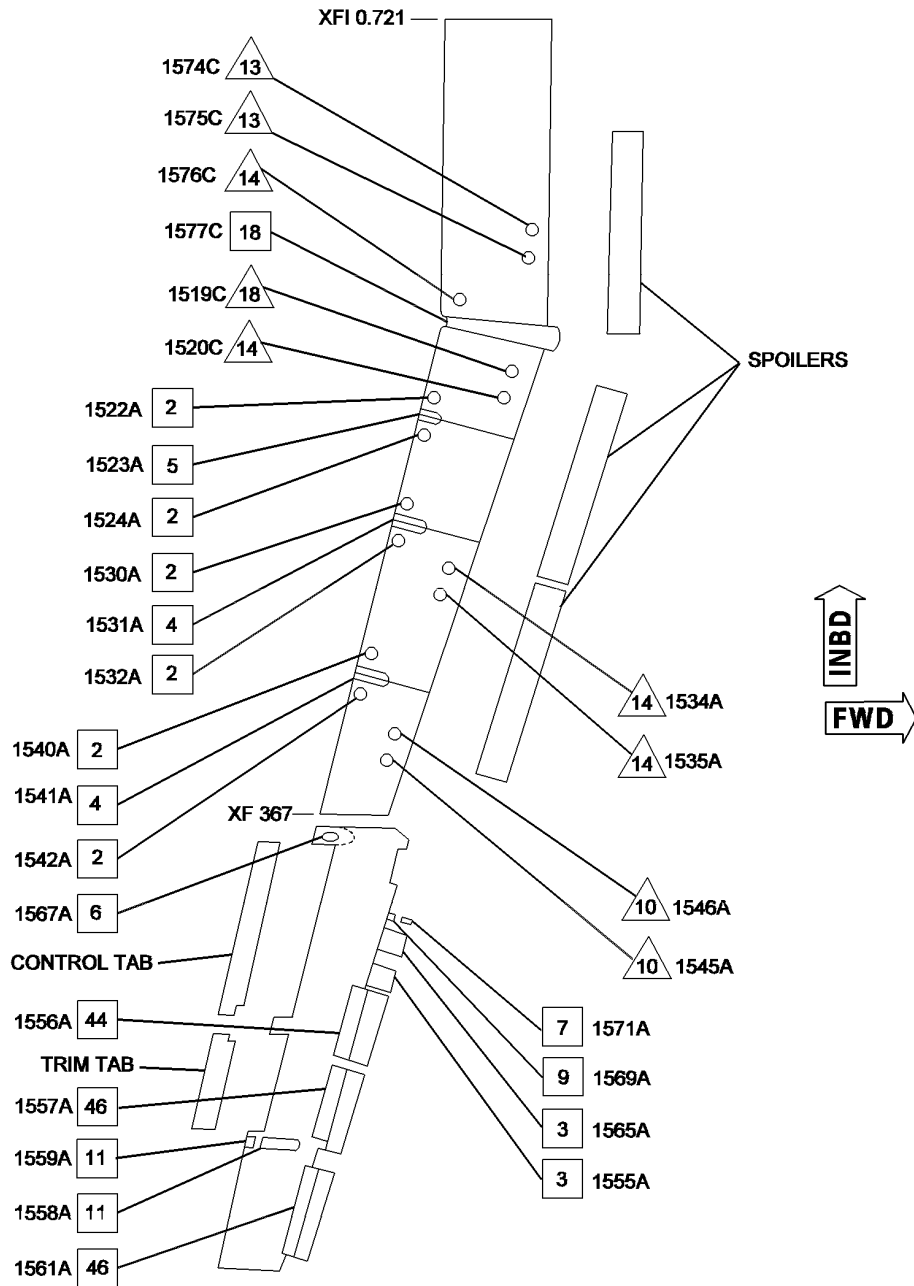
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**LEFTAILERON AND FLAP ASSEMBLY
(LOWER SURFACE)**

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**Left Aileron and Flap - Lower Surface
Figure 3/06-21-00-990-803**

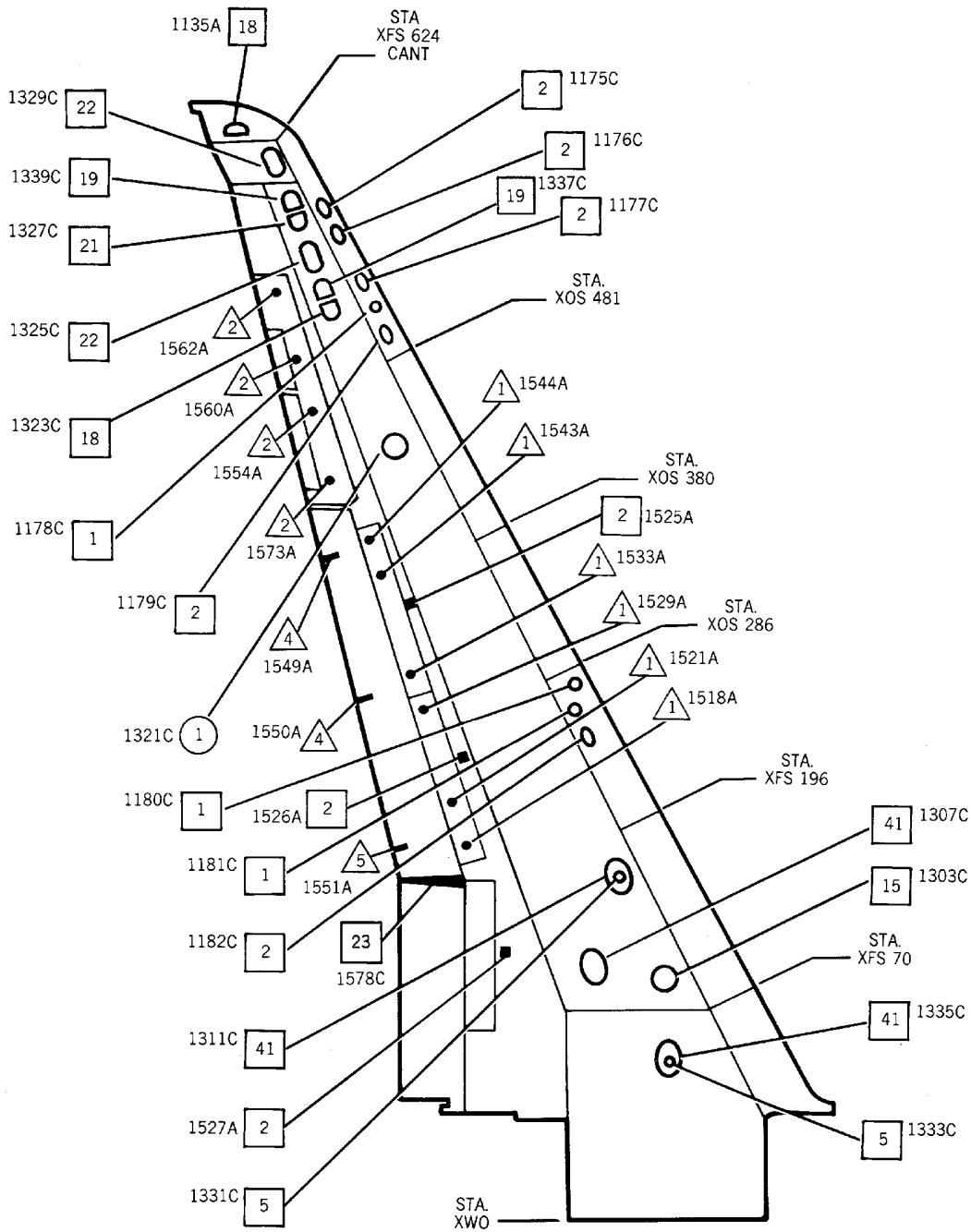
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**Left Wing -- Upper Surface
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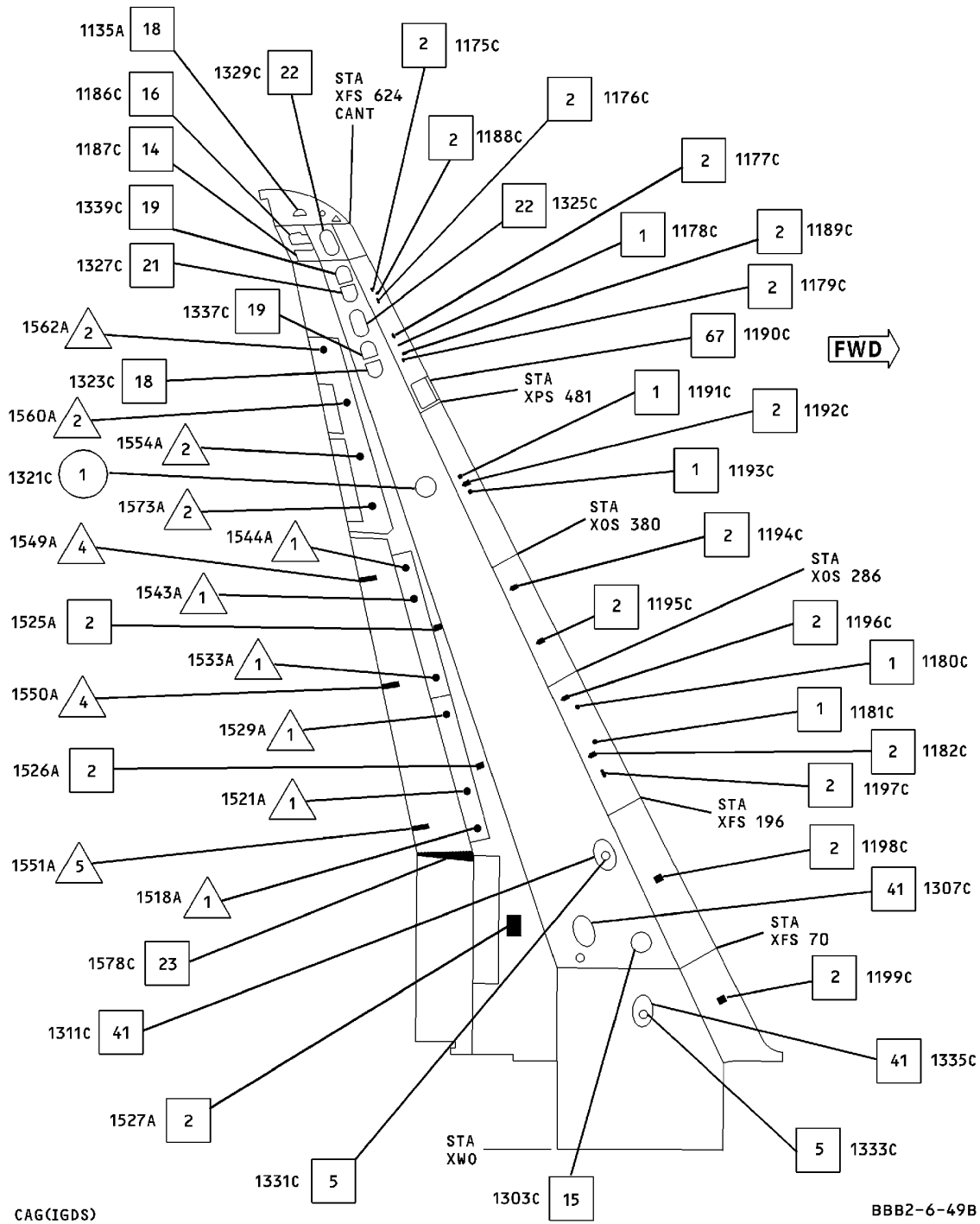
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Left Wing -- Upper Surface
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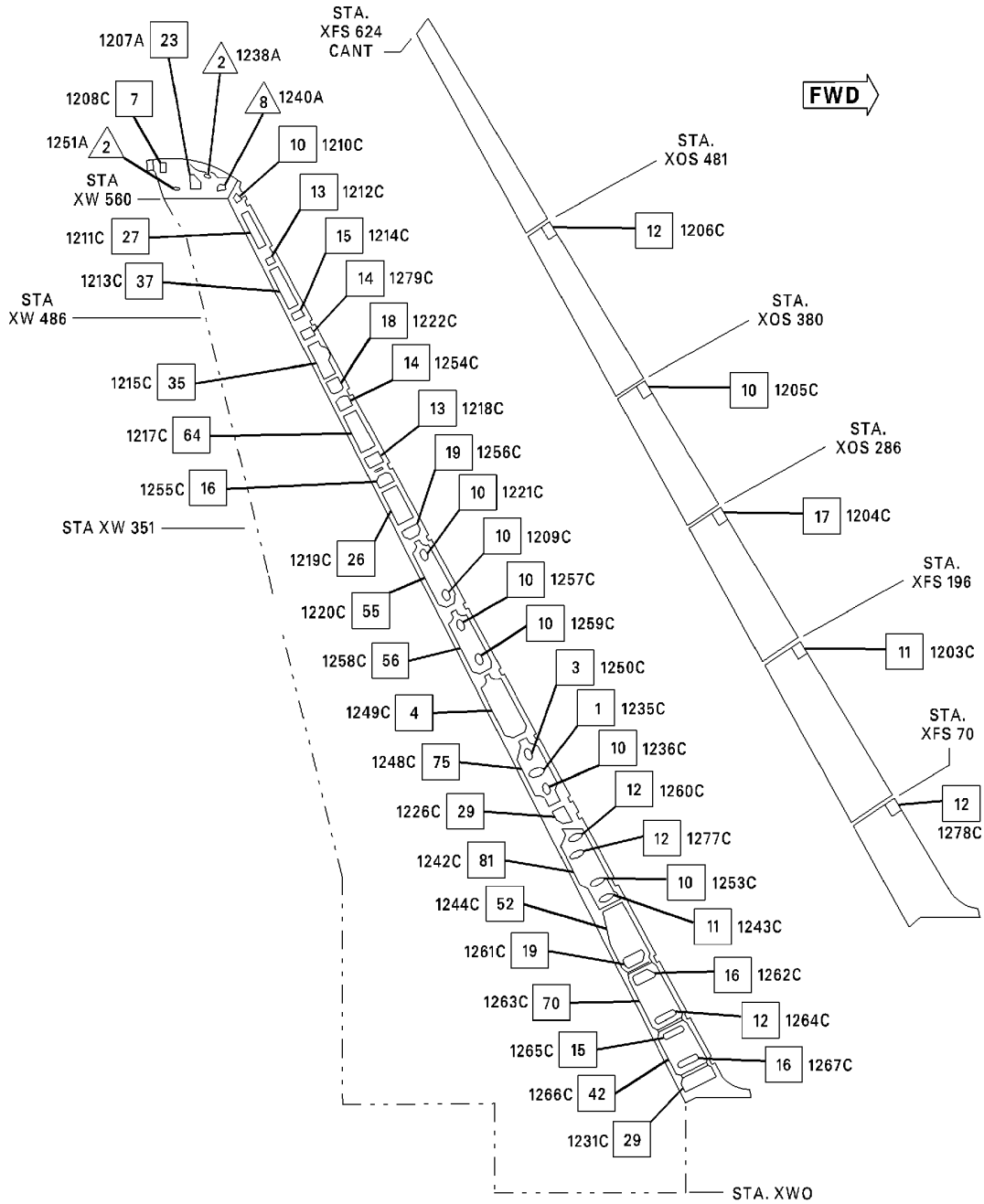
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CAG(IGDS)

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Right Wing -- Lower Surface
Figure 5/06-21-00-990-805 (Sheet 1 of 2)

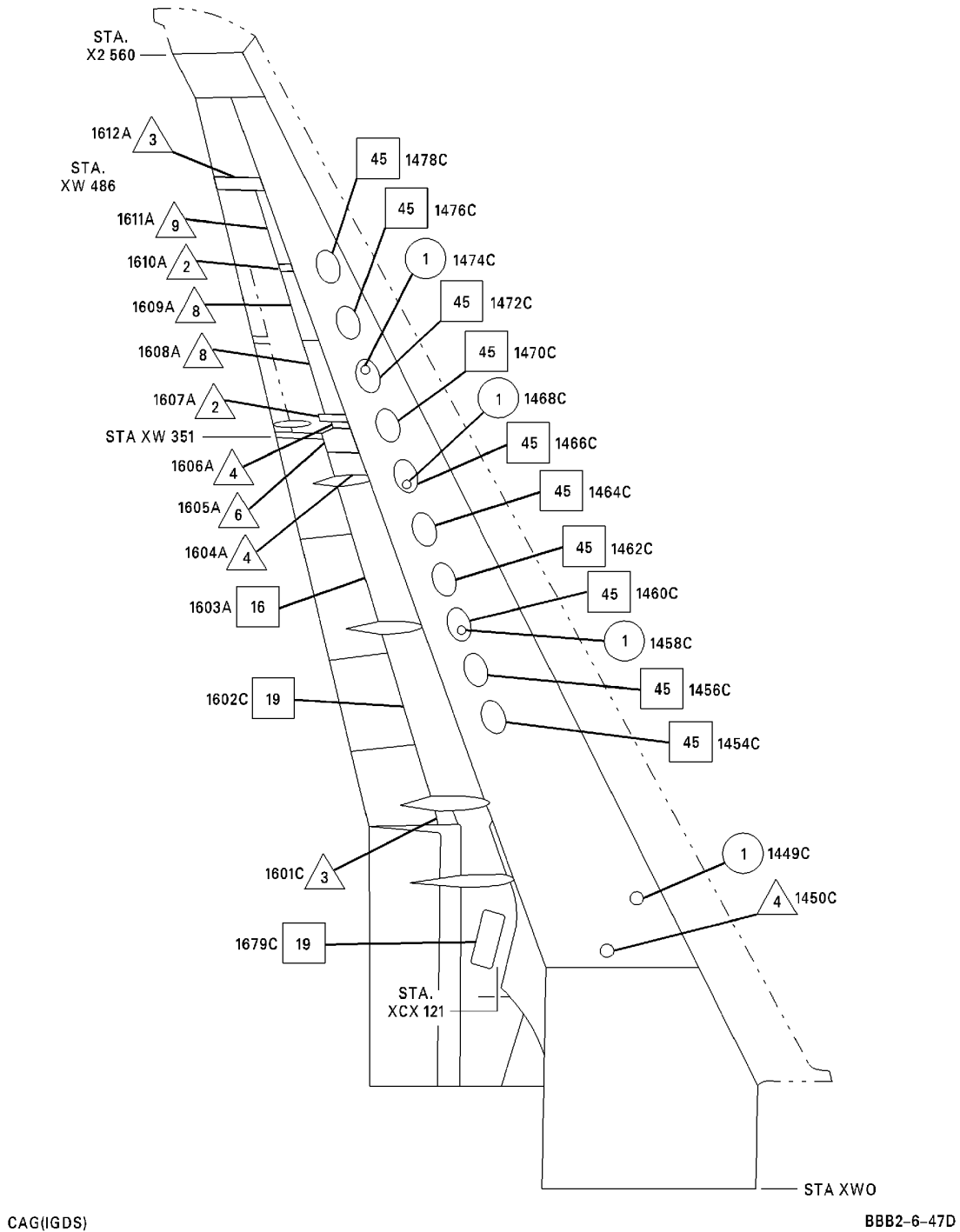
EFFECTIVITY
WJE 412, 414, 422, 424, 429, 875-879

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**Right Wing -- Lower Surface
Figure 5/06-21-00-990-805 (Sheet 2 of 2)**

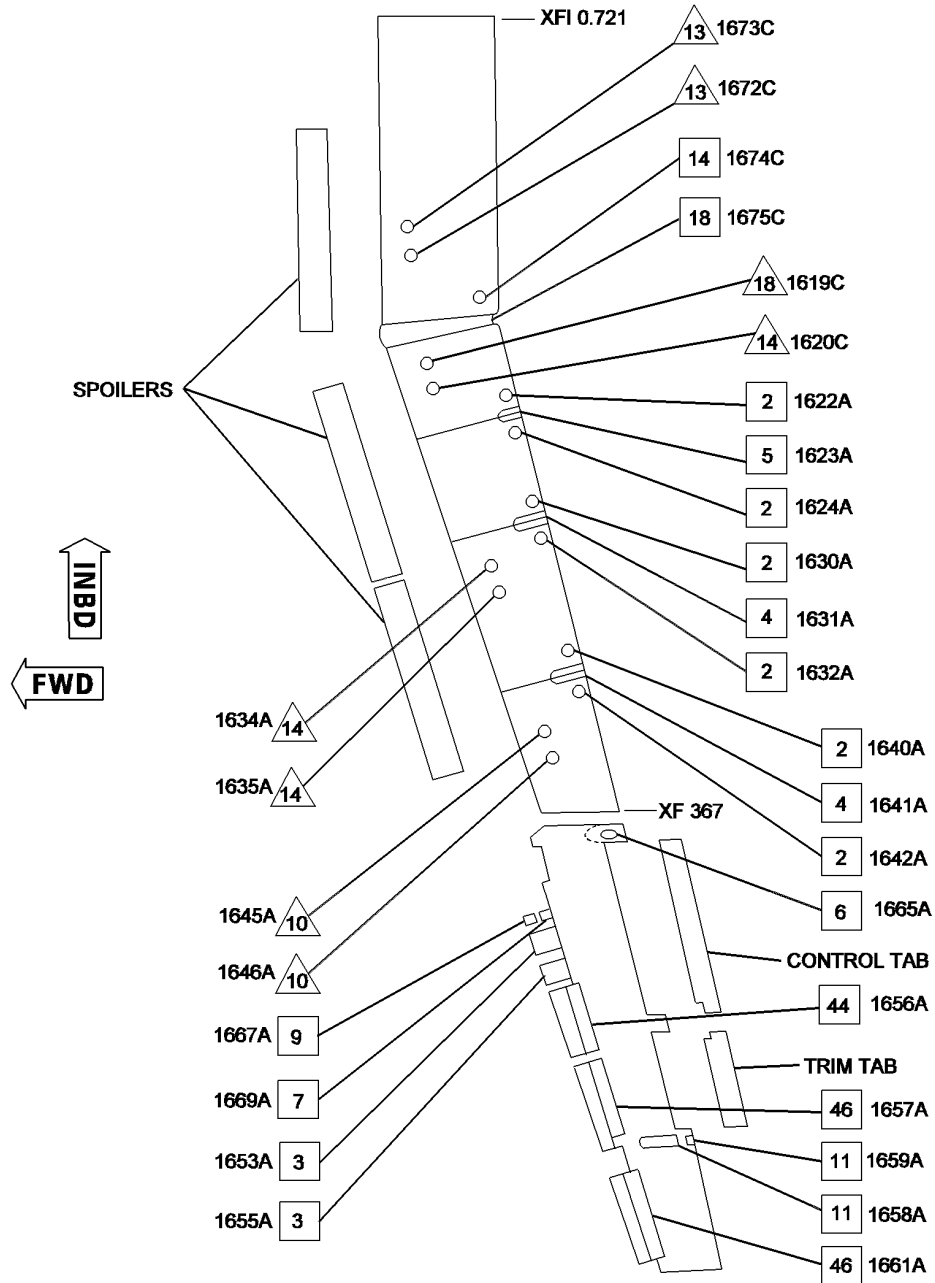
EFFECTIVITY
WJE 412, 414, 422, 424, 429, 875-879

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**RIGHTAILERON AND FLAP ASSEMBLY
(LOWER SURFACE)**

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**Right Aileron and Flap - Lower Surface
Figure 6/06-21-00-990-806**

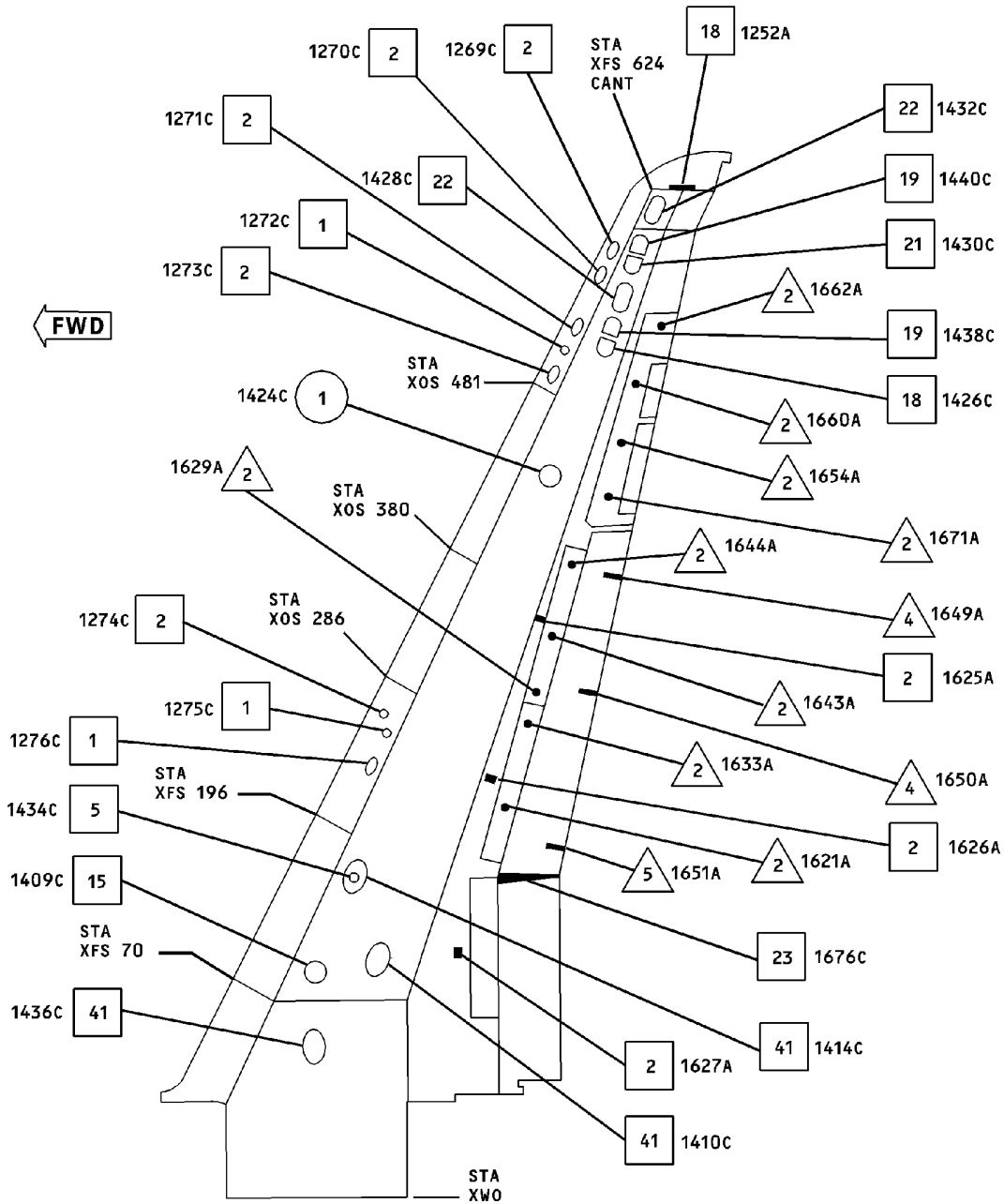
EFFECTIVITY
WJE 412, 414, 422, 424, 429, 875-879

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**Right Wing -- Upper Surface
Figure 7/06-21-00-990-807 (Sheet 1 of 2)**

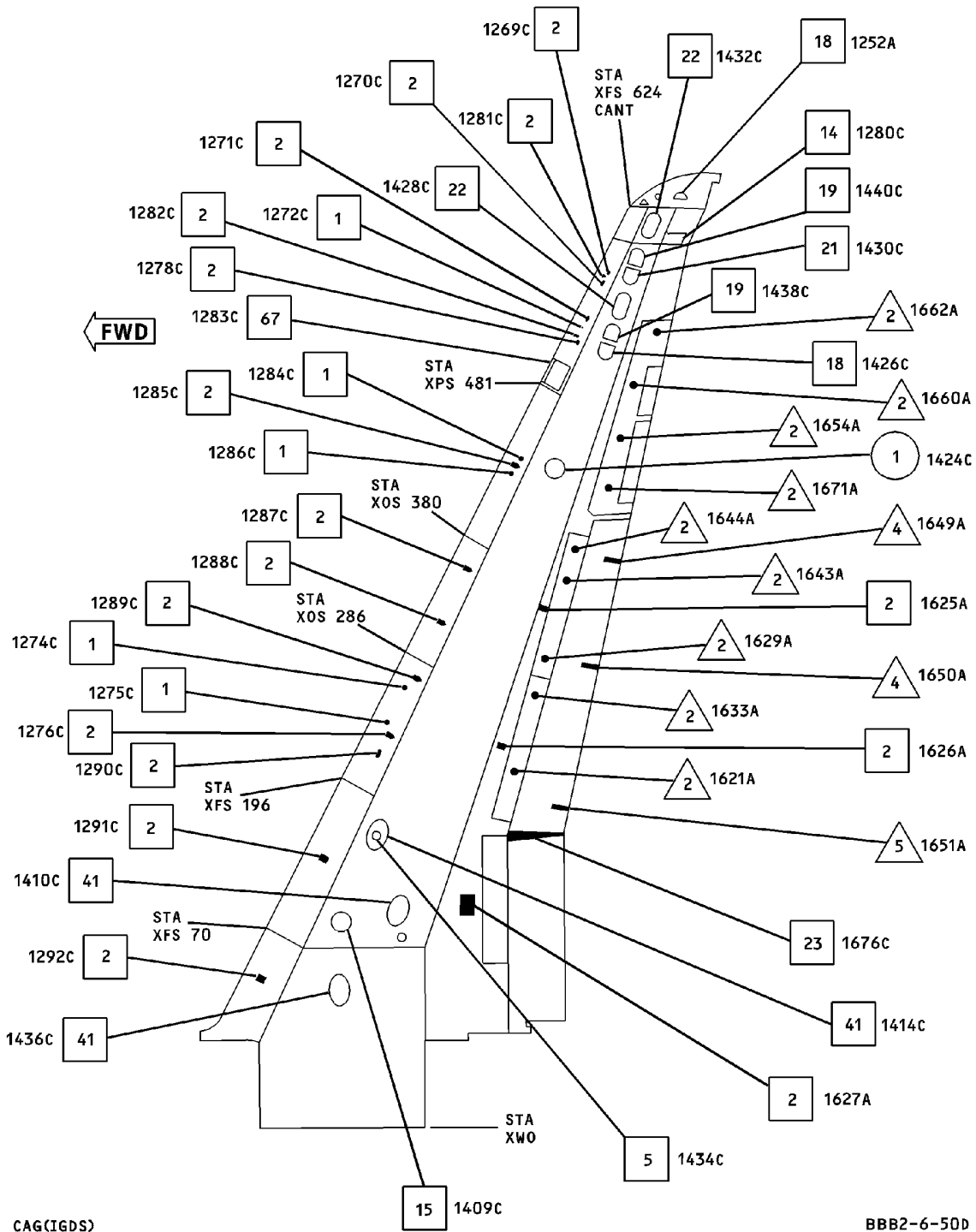
EFFECTIVITY
WJE 412, 414, 875-879

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**Right Wing -- Upper Surface
Figure 7/06-21-00-990-807 (Sheet 2 of 2)**

EFFECTIVITY
WJE 422, 424, 429

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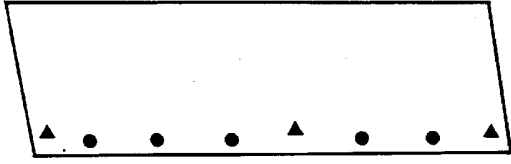
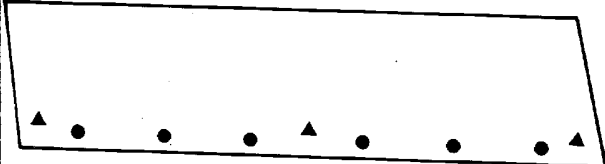
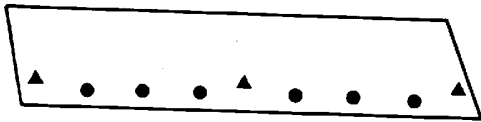
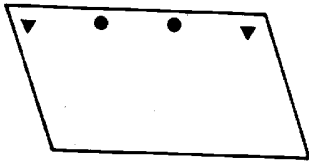
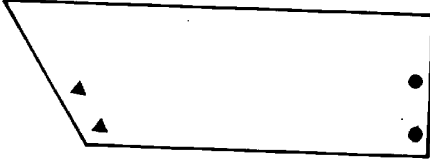
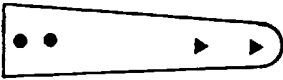
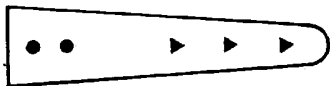
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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER
6 13	1509A 1609A		▲ 3 40S45-4B ● 5 40S45-2B
6 13	1508C 1608A		▲ 3 40S45-4B ● 6 40S45-2B
6 13	1511A 1611A		▲ 3 NAS560HK3P3 ● 6 NAS560HK3P2
6 13	1506A 1606A		▲ 2 40S45-4B ● 2 40S45-2B
5 13	1504A 1604A		▲ 2 40S45-2B ● 2 40S45-3B
8 8 10 10 15 15 17 17	1531A 1541A 1549A 1550A 1631A 1641A 1649A 1650A		▲ 2 NAS1202-2 ● 2 AN509-8R7
8 10 15 17	1523A 1551A 1623A 1651A		▲ 2 NAS1202-2 ● 3 NAS1202-1

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Doors - Access Symbol and Type Fastener
Figure 8/06-21-00-990-808 (Sheet 1 of 2)

EFFECTIVITY
WJE 412, 414, 422, 424, 429, 875-879

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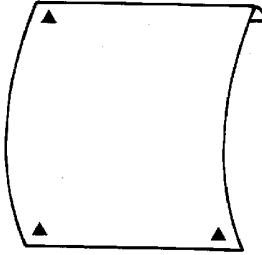
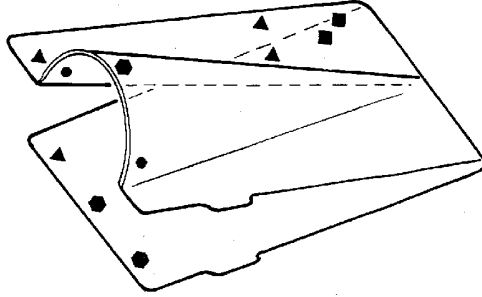
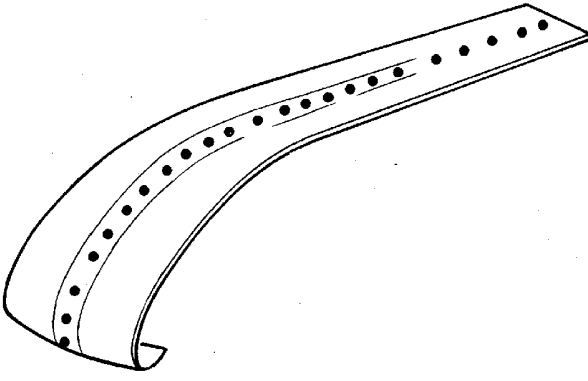
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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER
8 8 15 15	1555A 1565A 1653A 1655A		▲ 3 27S3-7
8 15	1559A 1659A		▲ 4 NAS1202-3 ■ 2 NAS220-6 ● 2 NAS1202-2 ● 3 NAS1202-5
10	1578C		● NAS333CPA 4/7/11/12/13

BBB2-6-39

Doors - Access Symbol and Type Fastener
Figure 8/06-21-00-990-808 (Sheet 2 of 2)

EFFECTIVITY
WJE 412, 414, 422, 424, 429, 875-879

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WING ZONES AND ACCESS DOORS - DESCRIPTION AND OPERATION

1. General

- A. Wing zones (work area 1) encompass the left and right wing including control surfaces and main landing gear. Refer to Figure 1 for individual zone boundaries.

Table 1 Left Wing -- Lower Surface

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1110C	Slat Mechanism Lube Access, Front Spar and Leading Edge Structure	7 x 7
1111C	Front Spar and Leading Edge Structure	7 x 24
1112C	Slat Mechanism Lube Access, Front Spar and Leading Edge Structure	7 x 10
1113C	Front Spar and Leading Edge Structure	7 x 25
1114C	Slat Mechanism Lube Access, Front Spar and Leading Edge Structure	7 x 10
1115C	Front Spar and Leading Edge Structure	10 x 25
1116C	Slat Mechanism Lube Access	6 x 7
1117C	Front Spar and Leading Edge Structure	7 x 33
1118C	Slat Mechanism Lube Access, Front Spar and Leading Edge Structure	6 x 7
1119C	Front Spar and Leading Edge Structure	8 x 28
1120C	Front Spar and Leading Edge Structure, Wiring Terminal	9 x 50
1121C	Slat Mechanism Lube Access	6 x 7
1122C	Slat Mechanism Lube Access	7 x 11
1123C	Slat Drive Mechanism Lube Access	6 x 7
1124C	Slat Idler Track Mechanism Lube Access	6 x 7
1128C	Slat Mechanism Lube Access	6 x 7
1130C	Slat Mechanism Lube Access	7 x 12
1131C	Leading Edge Wiring Terminal	9 x 16
1132C	Front Spar and Leading Edge Structure	11 x 60
1134C	Slat Mechanism Lube Access	6 x 7
1136C	Front Spar and Leading Edge Structure	12 x 50
1137A	Left Wing Tip Navigation Light (Red) Electrical Connector	6 x 5
1138C	Aft Navigation (White) Light Electrical and Logo Light Connector, LH	4 x 4
1139A	Left Navigation (Red) Lamp	2 x 3
1144C	Front Spar and Leading Edge Structure	16 x 29
1146A	Left Wing Tip Landing Light Electrical Disconnect	6 x 13
1147A	Flux Gate Compass Disconnect	2 x 2

EFFECTIVITY

WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-874, 876, 878-881, 883, 884, 886, 887, 891-893

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Table 1 Left Wing -- Lower Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1148C	Slat Drive Mechanism Lube, Wiring Terminal	7 x 12
1155C	Heating Duct and Slat Mechanism	9 x 12
1156C	Heating Duct and Slat Mechanism	7 x 4
1157C	Heating Duct and Slat Mechanism	6 x 5
1158C	Heating Duct and Slat Mechanism	6 x 5
1159C	Slat Mechanism Lubrication	7 x 12
1160C	Slat Drive, Pulleys and Cables, Anti-icing Duct Wiring Terminal, Overheat (Duct Rupture) Sensor	16 x 45
1161C	Slat Mechanism Lubrication	7 x 12
1162C	Slat Mechanism Lubrication	6 x 7
1163C	Front Spar and Leading Edge Structure, Wiring Terminal	16 x 45
1164C	Slat Idler Track Lubrication	6 x 7
1165C	Slat Drive, Pulleys and Cables, Turnbuckles for Slat Drive Track	14 x 57
1166C	Slat Mechanism Lubrication	6 x 7
1167C	Slat Mechanism Lubrication	6 x 7
1168C	Front Spar and Leading Edge Structure	10 x 13
1169C	Slat Mechanism Lubrication	6 x 7
1170C	Slat Mechanism Lubrication	6 x 7
1171C	Front Spar and Leading Edge Structure	10 x 55
1172C	Slat Advisory Switch	6 x 7
1173C	Slat Mechanism Lubrication	8 x 12
1174C	Slat Idler Track Lubrication	7 x 8
1183C	Slat Idler Track Lubrication	4 X 6
1184C	Heating Duct and Slat Mechanism	6 x 7
1185C	Front Spar, Leading Edge Structure, slat cables	7 x 11
1351C	Left Main Fuel Tank, Sump Drain	1.25 Diameter
1352C	Left Main Fuel Tank, Dip Stick (Magnetic), Inboard	1.25 Diameter
1355C	Left Main Fuel Tank, Fuel Qty Probes #8 and 9	12 x 21
1357C	Left Main Fuel Tank	12 x 21
1359C	Left Main Fuel Tank Dip Stick	1.25 Diameter
1361C	Left Main Fuel Tank	12 x 21
1363C	Left Main Fuel Tank, Fuel Qty Probe #10	12 x 21
1365C	Left Main Fuel Tank	12 x 21

EFFECTIVITY

WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-874, 876, 878-881, 883, 884, 886, 887, 891-893

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Table 1 Left Wing -- Lower Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1367C	Left Main Fuel Tank, Fuel Qty Probe #11	12 x 21
1369C	Left Main Fuel Tank Dip Stick	1.25 Diameter
1371C	Left Main Fuel Tank	12 x 21
1373C	Left Main Fuel Tank	12 x 21
1375C	Left Main Fuel Tank Dip Stick, Outboard	1.25 Diameter
1377C	Left Main Fuel Tank, Fuel Qty Probe #12	12 x 21
1379C	Left Main Fuel Tank	12 x 21
1501C	Inboard Flapwell, Flap Position Transmitter, Control Cables, Spoiler Actuator and Hydraulic Lines	13 x 5
1502C	Flapwell, Inboard Flight Ground Spoiler Actuator, Control Cables and Quadrant, Aft Spar, and Hydraulic Lines	96 x 17
1503A	Outboard Flapwell, Outboard Flight Spoiler Actuator, Control Cables and Quadrant, Aft Spar and Hydraulic Lines, Left Outboard Flight Spoiler Position Sensor	82 x 17
1504A	Aileron Mechanism, Control Cables and Aft Spar	21 x 10
1505G	Aileron Mechanism, Aileron Hinge Bearing, Control Quadrant and Aft Spar (Composite Panel)	23 x 14
1507G	Aileron Hinge Bearing and Aft Spar (Composite Panel)	3.5 x 14
1508A	Aileron Mechanism, Aft Spar and Control Cables	30 x 6
1509A	Aileron Mechanism	26 x 6
1510G	Aileron Hinge Bearing, Trim Tab Mechanism, and Aft Spar (Composite Panel)	11 x 7
1511A	Aileron Mechanism, Aft Spar and Control Cables	30 x 5
1512G	Aileron Hinge Bearing and Aft Spar (Composite Panel)	10 x 8
1579C	Hydraulic Lines, Electrical Lines, Proximity Switch Connector	15 x 40

Table 2 Left Aileron and Flap - Lower Surface

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1519C	Outboard Flap Actuator Attach	6 x 8
1520C	Outboard Flap Actuator Attach	5 x 6
1522A	Flap Section Attach Bracket	1-1/2 x 2
1523A	Flexible Flap Section Joint	3 x 12
1524A	Flap Section Attach Bracket	1-1/2 x 2
1530A	Flap Section Attach Bracket	1-1/2 x 2
1531A	Flexible Flap Section Joint	3 x 12

EFFECTIVITY

WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-874, 876, 878-881, 883, 884, 886, 887, 891-893

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Table 2 Left Aileron and Flap - Lower Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1532A	Flap Section Attach Bracket	1-1/2 x 2
1534A	Outboard Flap Actuator Attach	3 x 4
1535A	Outboard Flap Actuator Attach	3 x 4
1540A	Flap Section Attach Bracket	1-1/2 x 2
1541A	Flexible Flap Section Joint	3 x 10
1542A	Flap Section Attach Bracket	1-1/2 x 2
1545A	Outboard Flap Hinge Attach	5 x 7
1546A	Outboard Flap Hinge Attach	5 x 7
1555A	Inboard Aileron Damper	6 x 6
1556A	Front Spar and Structure	23 x 2 1/2
1557A	Front Spar and Structure	24 x 2 1/2
1558A	Trim Tab Mechanism	9 x 2
1559A	Trim Tab Mechanism	2 x 3
1561A	Front Spar and Structure	25 x 2 1/2
1565A	Inboard Aileron Damper	6 x 6
1567A	Control Tab Mechanism	2 1/2 x 6
1569A	Inboard Aileron Attach	1 1/2 x 2 1/2
1571A	Inboard Aileron Attach	1 1/2 x 2 1/2
1574C	Inboard Flap Actuator Attach	5 x 6
1575C	Inboard Flap Actuator Attach	5 x 6
1576C	Flex Joint Mechanism, Wing Flap	4 x 7
1577C	Flex Joint Mechanism, Wing Flap	41 x 9

Table 3 Left Wing -- Upper Surface

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1135A	Wing Tip Attach Fitting	8 x 4
1175C	Pulleys and Cables	1 x 3
1176C	Pulleys and Cables	2 x 3
1177C	Pulleys and Cables	2 x 4
1178C	Pulleys and Cables	2" Dia.
1179C	Pulleys and Cables	2 x 3
1180C	Pulleys and Cables	1-1/2 Dia.
1181C	Pulleys and Cables	1-1/2 Dia.
1182C	Pulleys and Cables	2 x 4

EFFECTIVITY

WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-874, 876, 878-881, 883, 884, 886, 887, 891-893

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Table 3 Left Wing -- Upper Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1186C	Flux Valve Compass, Wiring and Connector, LH	6 x 15
1187C	Flux Valve Compass, Wiring and Connector, LH	7 x 15
1303C	Left Wing Forward Main Fuel Tank Boost Pump, Top Surface	8 x 10
1307C	Left Wing Fuel Tank Compensator, Fuel Qty Probes #5, #6, and #7 Aft Main Boost Pump	12 x 22
1311C	Left Wing Fuel Tank, Qty Probe #8	12 x 22
1321C	Left Wing Fuel Tank Overwing Filler	4" Dia.
1323C	Left Wing Fuel Tank Vent Relief Valve	7 x 12
1325C	Left Wing Fuel Tank From Top Surface	16 x 7
1327C	Left Wing Fuel Tank From Top Surface	7 x 12
1329C	Control Cable and Pulley Brackets	16 x 7
1331C	Left Wing Fault Isolator Probe	3" Dia.
1333C	Center Wing Fault Isolator Probe	3" Dia.
1335C	Center Wing Fuel Qty Probes #3 and #4	12 x 22
1337C	Control Cable and Pulley Brackets	7 x 12
1339C	Control Cable and Pulley Brackets	7 x 12
1525A	Alternate Lubrication Fitting for Outboard Flight Spoiler Drive Link	3 x 3
1526A	Alternate Lubrication Fitting for Inboard Flight Spoiler Drive Link	3 x 3
1527A	Alternate Lubrication Fitting for Ground Spoiler Drive Link	3 x 3
1549A	Flexible Flap Section Joint and Flap Structure	3 x 10
1550A	Flexible Flap Section Joint	3 x 12
1551A	Flexible Flap Section Joint	3 x 12
1554A	Inboard #2 Aileron Hinge Nut	2" Dia.
1560A	Outboard #3 Aileron Hinge Nut	2" Dia.
1562A	Outboard #4 Aileron Hinge Nut	2" Dia.
1573A	Inboard #1 Aileron Hinge Nut	2" Dia.
1578C	Flexjoint, Mechanism Wing Flap	46 x 9

Table 4 Right Wing -- Lower Surface

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1203C	Heating Duct and Slat Mechanism	9 x 12
1204C	Heating Duct and Slat Mechanism	7 x 4

EFFECTIVITY

WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-874, 876, 878-881, 883, 884, 886, 887, 891-893

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Table 4 Right Wing -- Lower Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1205C	Heating Duct and Slat Mechanism	6 x 5
1206C	Heating Duct and Slat Mechanism	6 x 5
1207A	Right Wing Tip Landing Light Electrical Disconnect	6 x 13
1208C	Aft Navigation (White) Light and Logo Light Electrical Connector, RH	4 x 4
1209C	Slat Drive Lubrication, Front Spar and Leading Edge Structure	6 x 7
1210C	Slat Mechanism Lube, Access Front Spar and Leading Edge Structure	7 x 7
1211C	Front Spar and Leading Edge Structure	7 x 24
1212C	Slat Mechanism Lube, Access Front Spar and Leading Edge Structure	7 x 10
1213C	Front Spar and Leading Edge Structure, Turnbuckle for Slat Drive Track	7 x 25
1214C	Slat Mechanism Lube, Access Front Spar and Leading Edge Structure	7 x 10
1215C	Front Spar and Leading Edge Structure	10 x 25
1217C	Front Spar and Leading Edge Structure	7 x 33
1218C	Slat Mechanism Lube, Access Front Spar and Leading Edge Structure	6 x 7
1219C	Front Spar and Leading Edge Structure	8 x 28
1220C	Front Spar and Leading Edge Structure	9 x 50
1221C	Slat Mechanism Lube Access	6 x 7
1222C	Slat Mechanism Lube Access	7 x 11
1226C	Front Spar and Leading Edge Structure	10 x 13
1231C	Leading Edge Wiring Terminals	9 x 16
1235C	Slat Mechanism Lubrication, Defueling Valve	4 x 5
1236C	Slat Idler Track Lubrication	6 x 7
1238A	Right Wing Tip Navigation (Green) Lamp	3 x 2
1240A	Right Wing Tip Navigation Light (Green) Electrical Disconnect	6 x 5
1242C	Slat Drive Mechanism Inspection	14 x 57
1243C	Slat Idler Track Lubrication	6 x 7
1244C	Front Spar and Leading Edge Structure, Wire Terminal	16 x 45
1248C	Leading Edge Structure, Pulleys, Cables, and Turnbuckles	12 x 50
1249C	Fueling Adapter, Fill Valves and Control Panel, Cable Turnbuckles #2 Slat Drive Track	11 x 60

EFFECTIVITY

WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-874, 876, 878-881, 883, 884, 886, 887, 891-893

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Table 4 Right Wing -- Lower Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1250C	Slat Drive Track Lubrication	5 x 10
1251A	Flux Gate Compass Disconnect	2 x 2
1253C	Slat Mechanism Lubrication	4 x 6
1254C	Slat Drive Track Lube, Front Spar and Leading Edge	6 x 7
1255C	Slat Idler Track Lube	7 x 8
1256C	Slat Mechanism Lube	8 x 12
1257C	Slat Drive Lube	6 x 7
1258C	Front Spar and Leading Edge Structure	10 x 55
1259C	Slat Idler Track Lube	6 x 7
1260C	Slat Mechanism Lube	6 x 7
1261C	Slat Mechanism Lube	6 x 7
1262C	Slat Mechanism Lube	7 x 12
1263C	Slat Drive Inspection, Pulley, Cables, Anti-icing Duct Wiring Terminal, Overheat (Duct Rupture) Sensor	16 x 45
1264C	Slat Mechanism Lube	7 x 12
1265C	Slat Mechanism Lube, Wiring Terminal	7 x 12
1266C	Front Spar - Leading Edge Structure	16 x 29
WJE 401-405, 409, 410, 412, 414, 873, 874, 876, 878-881, 883, 884, 886, 887, 892, 893		
1267C	Slat Mechanism Lube	7 x 12
WJE 415, 416, 418, 420, 425-427, 861-866, 868, 891		
1267C	Slat Mechanism Lube	7 x 12
WJE 406-408, 411, 417, 419, 421, 423, 869, 871, 872		
1267C	Slat Mechanism Lube, Center Fuel Tank Differential Pressure Switch (Forward and Aft) (SB 28-53 incorp.)	7 x 12
WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-874, 876, 878-881, 883, 884, 886, 887, 891-893		
1277C	Slat Mechanism Lubrication	6 x 7
1278C	Heating Duct and Slat Mechanism	7 x 6
1279C	Front Spar Leading Edge Structure, Slat Cables	7 x 11
1449C	Magnastick	1.25 Diameter
1450C	Right Main Fuel Tank, Sump Drain	7/8 Diameter
1454C	Right Main Fuel Tank, Fuel Qty Probes #8 and #9	12 x 21
1456C	Right Main Fuel Tank	12 x 21
1458C	Magnastick	1.25 Diameter
1460C	Right Main Fuel Tank	12 x 21

EFFECTIVITY

WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-874, 876, 878-881, 883, 884, 886, 887, 891-893

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Table 4 Right Wing -- Lower Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1462C	Right Main Fuel Tank	12 x 21
1464C	Right Main Fuel Tank, Fuel Qty Probe #10	12 x 21
1466C	Right Main Fuel Tank, Fuel Qty Probe #11	12 x 21
1468C	Magnastick	1.25 Diameter
1470C	Right Main Fuel Tank	12 x 21
1472C	Right Main Fuel Tank	12 x 21
1474C	Magnastick	1.25 Diameter
1476C	Right Main Fuel Tank, Fuel Qty Probe #12	12 x 21
1478C	Right Main Fuel Tank	12 x 21
1601C	Inboard Flapwell, Flap Position Transmitter, Aft Spar, Control Cables, Spoiler Actuator and Hydraulic Lines	13 x 5
1602C	Flapwell, Inboard Flight Spoiler Actuator Aft Spar, Control Cables and Quadrant Cable Fairleads and Hydraulic Lines, Right Inboard Flight Spoiler Position Sensor	96 x 17
1603A	Outboard Flapwell, Outboard Flight Spoiler Actuator, Control Cables, Aft Spar Control Quadrant, and Hydraulic Lines	82 x 17
1604A	Aileron Mechanism, Control Cables, and Aft Spars	21 x 10
1605G	Aileron Mechanism, Aileron Hinge Bearing, Control Quadrant and Aft Spar (Composite Panel)	23 x 14
1606A	Aileron Mechanism, Aft Spar, and Aileron Control Cables	11 x 6
1607G	Aileron Hinge Bearing and Aft Spar (Composite Panel)	3.5 x 14
1608A	Aileron Mechanism, Aft Spar, and Aileron Control Cables	30 x 6
1609A	Aileron Mechanism, Aft Spar, and Aileron Control Cables	26 x 6
1610G	Aileron Hinge Bearing Trim Tab Mechanism and Aft Spar (Composite Panel)	11 x 7
1611A	Aileron Mechanism, Aft Spar, and Aileron Control Cables	30 x 5
1612G	Aileron Hinge Bearing and Aft Spar (Composite Panel)	10 x 8
1679C	Hydraulic Lines, Electrical Lines, Proximity Switch Connector	15 x 40

Table 5 Right Aileron and Flap -- Lower Surface

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1619C	Outboard Flap Actuator	6 x 8
1620C	Outboard Flap Actuator	5 x 6
1622A	Flap Section Attach Bracket	1-1/2 x 2
1623A	Flexible Flap Section Joint	3 x 12
1624A	Flap Section Attach Bracket	1-1/2 x 2

EFFECTIVITY

WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-874, 876, 878-881, 883, 884, 886, 887, 891-893

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Table 5 Right Aileron and Flap -- Lower Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1630A	Flap Section Attach Bracket	1-1/2 x 2
1631A	Flexible Flap Section Joint	3 x 12
1632A	Flap Section Attach Bracket	1-1/2 x 2
1634A	Outboard Flap Actuator	3 x 4
1635A	Outboard Flap Actuator	3 x 4
1640A	Flap Section Attach Bracket	1-1/2 x 2
1641A	Flexible Flap Section Joint	3 x 10
1642A	Flap Section Attach Bracket	1-1/2 x 2
1645A	Outboard Flap Hinge	5 x 7
1646A	Outboard Flap Hinge	5 x 7
1653A	Inboard Aileron Damper	6 x 6
1655A	Outboard Aileron Damper	6 x 6
1656A	Structure and Front Spar	23 x 2-1/2
1657A	Structure and Front Spar	24 x 2-1/2
1658A	Trim Tab Mechanism	9 x 2
1659A	Trim Tab Mechanism	2 x 3
1661A	Structure and Front Spar	25 x 2-1/2
1665A	Control Tab Mechanism	2-1/2 x 6
1667A	Inboard Aileron Attach	1-1/2 x 2-1/2
1669A	Inboard Aileron Attach	1-1/2 x 2-1/2
1672C	I.B. Flap Actuator Attach	5 x 6
1673C	I.B. Flap Actuator Attach	5 x 6
1674C	Flap Flexible Joint Mechanism	4 x 7
1675C	Flap Flexible Joint Mechanism	41 x 9

Table 6 Right Wing -- Upper Surface

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1252A	Flux Valve Compass, Wiring and Connectors, RH	8 x 4
1269C	Pulleys and Cables	2 x 3
1270C	Pulleys and Cables	2 x 4
1271C	Pulleys and Cables	2" Dia.
1272C	Pulleys and Cables	2 x 3
1273C	Pulleys and Cables	1-1/2 Dia.
1274C	Pulleys and Cables	1-1/2 Dia.

EFFECTIVITY

WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-874, 876, 878-881, 883, 884, 886, 887, 891-893

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Table 6 Right Wing -- Upper Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1275C	Pulleys and Cables	1-1/2 Dia.
1276C	Pulleys and Cables	2 x 4
1409C	Right Wing Forward Main Fuel Tank Boost Pump	8 x 10
1410C	Right Wing Fuel Tank, Engine Start Pump, Compensator, Fuel Qty Probes #5, #6 and #7, Aft Main Boost Pump	12 x 22
1414C	Right Wing Fuel Tank, Fuel Qty Probe #8	12 x 22
1424C	Right Wing Fuel Tank Overwing Filler	4 Diameter
1426C	Right Wing Fuel Tank, Vent Relief Valve	7 x 12
1428C	Right Wing Fuel Tank From Top Surface	16 x 7
1430C	Right Wing Fuel Tank From Top Surface	7 x 12
1432C	Control Cable and Pulley Brackets	16 x 7
1434C	Right Wing Fault Isolator Probe	3" Dia.
WJE 401-405, 409, 410, 412, 414-416, 418, 420, 425-427, 861-866, 868, 869, 871, 872, 880, 881, 883, 884, 891		
1436C	Center Wing Fuel Tank, Center Wing Fuel Boost Pump and Fuel Qty Probes #3A and #4	12 x 22
WJE 873, 874, 876, 878, 879, 886, 887, 892, 893		
1436C	Center Wing Fuel Tank, Center Wing Fuel Boost Pump and Fuel Qty Probes #3A and #4, Center Fuel Tank Differential Pressure Switch Base and Pressure Lines (SB 28-53 incorp.)	12 x 22
WJE 406-408, 411, 417, 419, 421, 423; with SB 28-53 incorp.		
1436C	Center Wing Fuel Tank, Center Wing Fuel Boost Pump and Fuel Qty Probes #3A and #4, Center Fuel Tank Differential Pressure Switch Base and Pressure Lines (SB 28-53 incorp.)	12 x 22
WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-874, 876, 878-881, 883, 884, 886, 887, 891-893		
1438C	Control Cable and Pulley Brackets	7 x 12
1440C	Control Cable and Pulley Brackets	7 x 12
1625A	Alternate Lubrication Fitting for Outboard Flight Spoiler Drive Link	3 x 3
1626A	Alternate Lubrication Fitting for Inboard Flight Spoiler Drive Link	3 x 3
1627A	Alternate Lubrication Fitting for Ground Spoiler Drive Link	3 x 3

EFFECTIVITY

WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-874, 876, 878-881, 883, 884, 886, 887, 891-893

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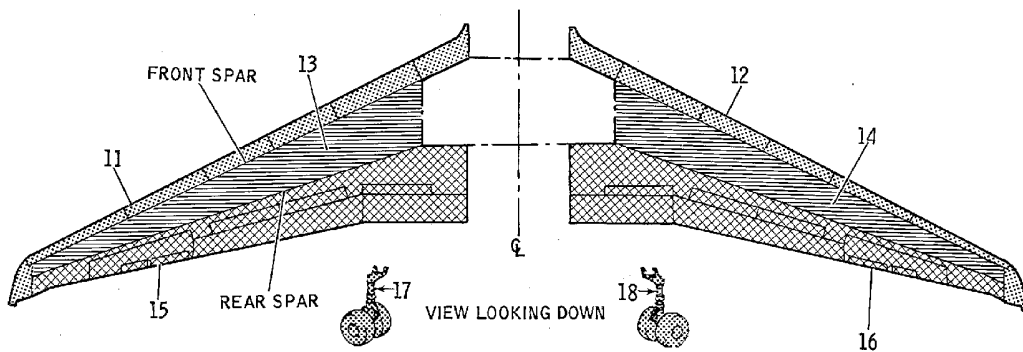
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Table 6 Right Wing -- Upper Surface (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
1649A	Flexible Flap Section Joint and Flap Structure	3 x 10
1650A	Flexible Flap Section Joint and Flap Structure	3 x 12
1651A	Flexible Flap Section Joint and Flap Structure	3 x 12
1654A	Inboard No. 2 Aileron Hinge Attach Nut	2 Diameter
1660A	Outboard No. 3 Aileron Hinge Attach Nut	2 Diameter
1662A	Outboard No. 4 Aileron Hinge Attach Nut	2 Diameter
1671A	Inboard No. 1 Aileron Hinge Attach Nut	2 Diameter
1676C	Flexjoint, Wing Flap	46 x 9



WING ZONES - WORK AREA 1

AREA	ZONE	ZONE DESCRIPTION
1	0	EXTERIOR SURFACES OF THE WING (BOTH SIDES)
1	1	L/H WING LEADING EDGE AND TIP
1	2	R/H WING LEADING EDGE AND TIP
1	3	L/H INTER-SPAR BOX (L/H FUEL TANK AND VENT BOX)
1	4	R/H INTER-SPAR BOX (R/H FUEL TANK AND VENT BOX)
1	5	L/H TRAILING EDGE STRUCTURE AND CONTROL SURFACES AFT OF REAR SPAR
1	6	R/H TRAILING EDGE STRUCTURE AND CONTROL SURFACES AFT OF REAR SPAR
1	7	L/H MAIN LANDING GEAR AND STRUT DOOR
1	8	R/H MAIN LANDING GEAR AND STRUT DOOR

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**Wing Zones -- Work Area 1
Figure 1/06-21-00-990-809**

EFFECTIVITY

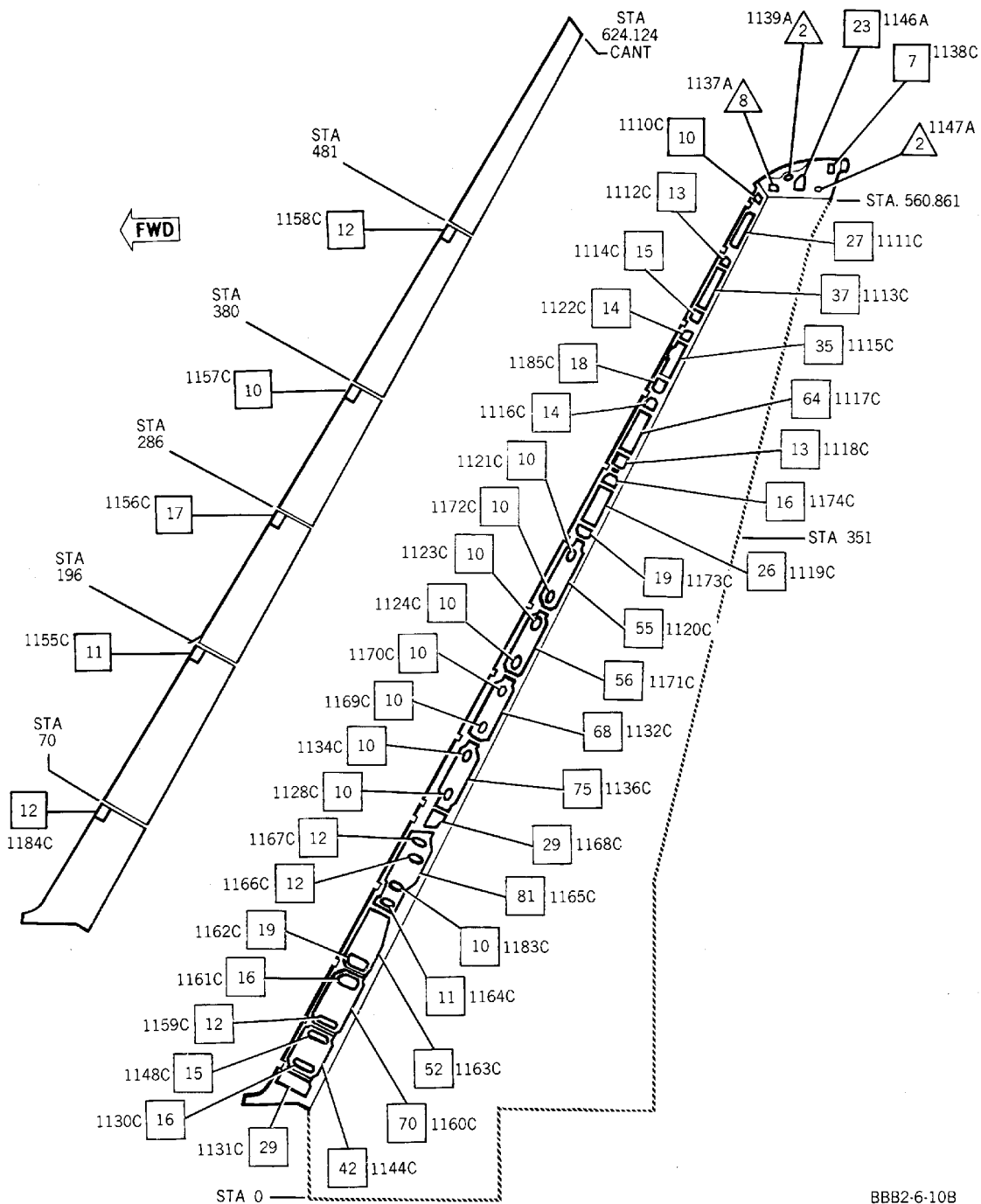
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**Left Wing -- Lower Surface
Figure 2/06-21-00-990-810 (Sheet 1 of 2)**

EFFECTIVITY
WJE 401-412, 414-421, 423, 425-427, 861-866, 868,
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891-893

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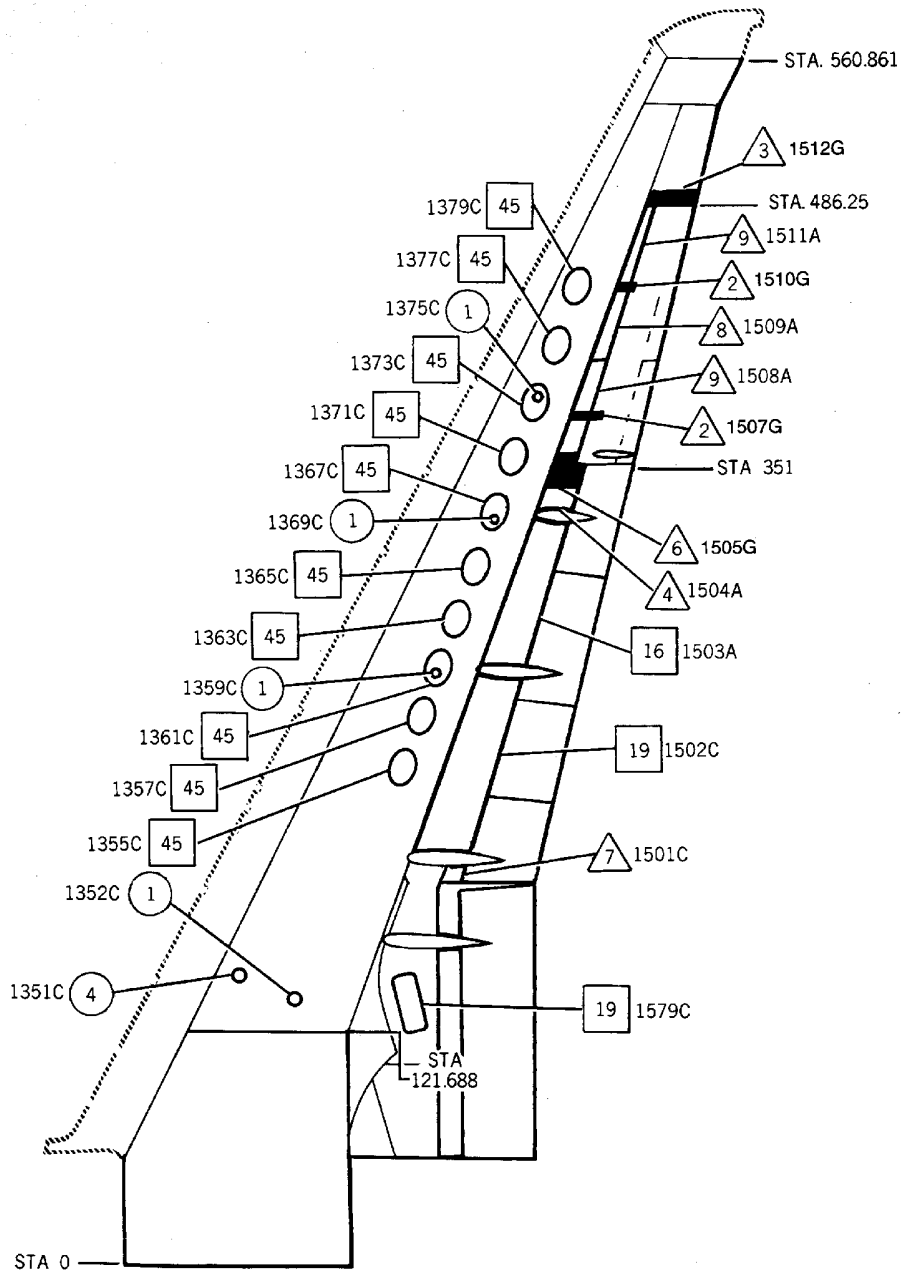
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**Left Wing -- Lower Surface
Figure 2/06-21-00-990-810 (Sheet 2 of 2)**

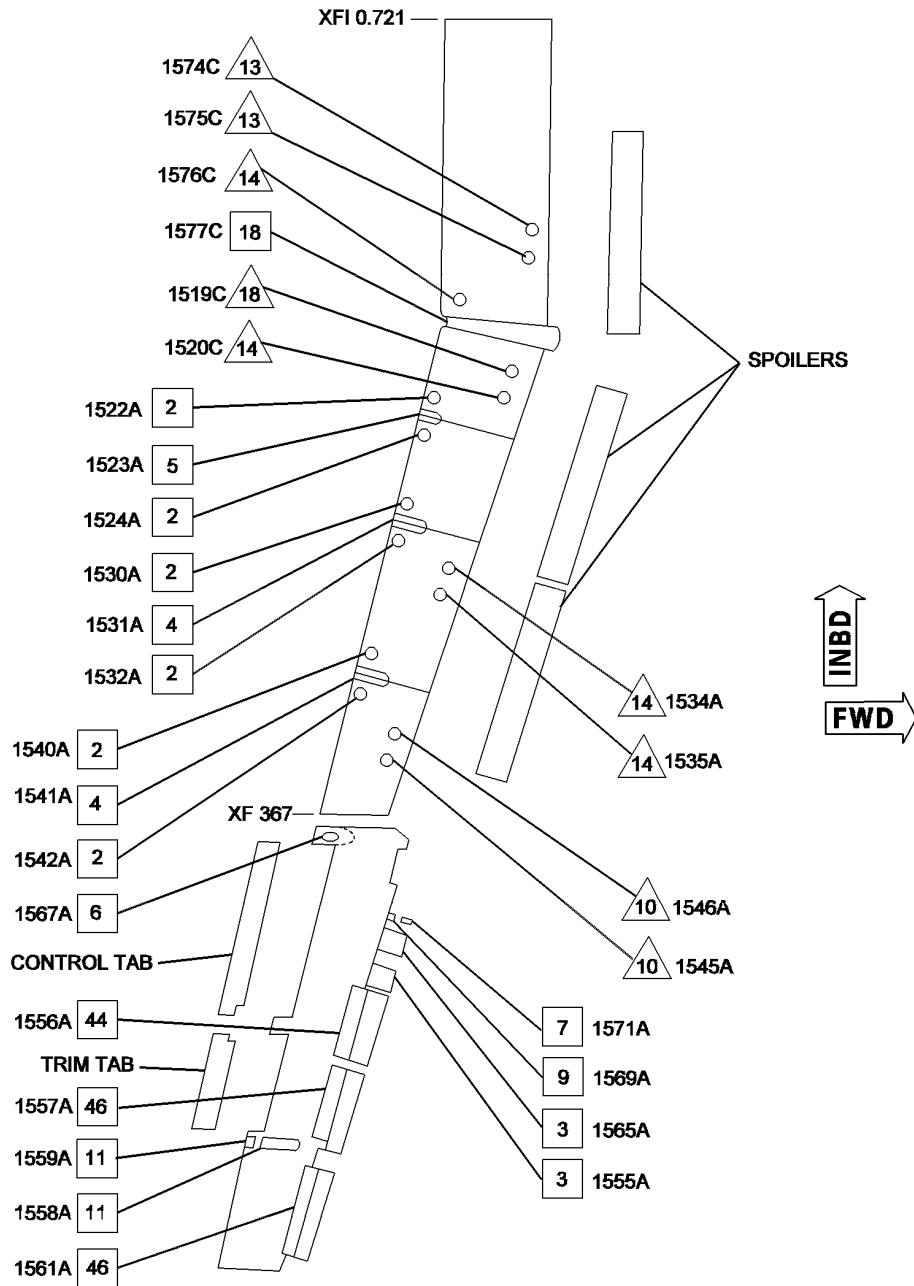
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891-893

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**LEFTAILERON AND FLAP ASSEMBLY
(LOWER SURFACE)**

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S0006522764V2

**Left Aileron and Flap - Lower Surface
Figure 3/06-21-00-990-811**

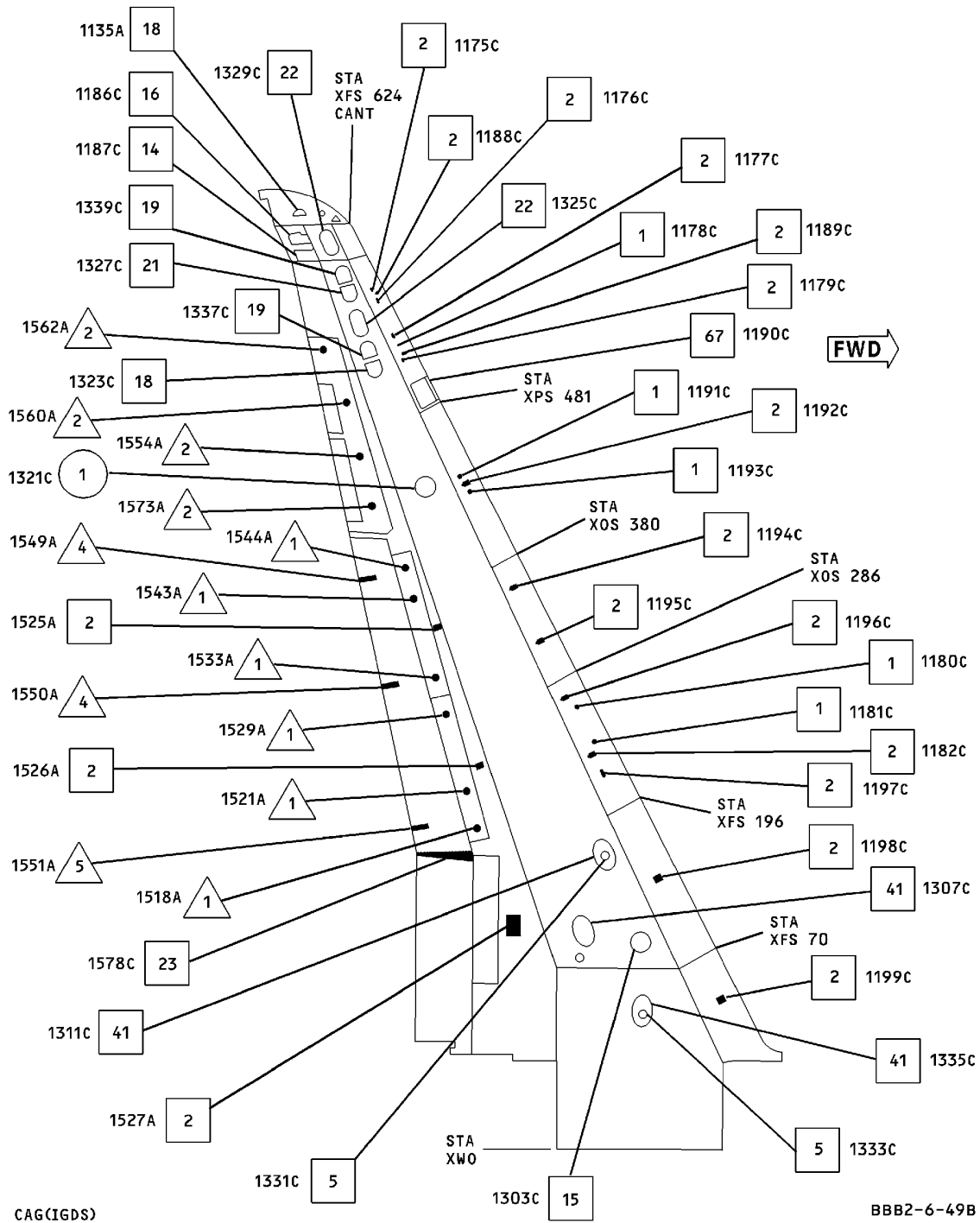
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**Left Wing -- Upper Surface
Figure 4/06-21-00-990-812**

EFFECTIVITY

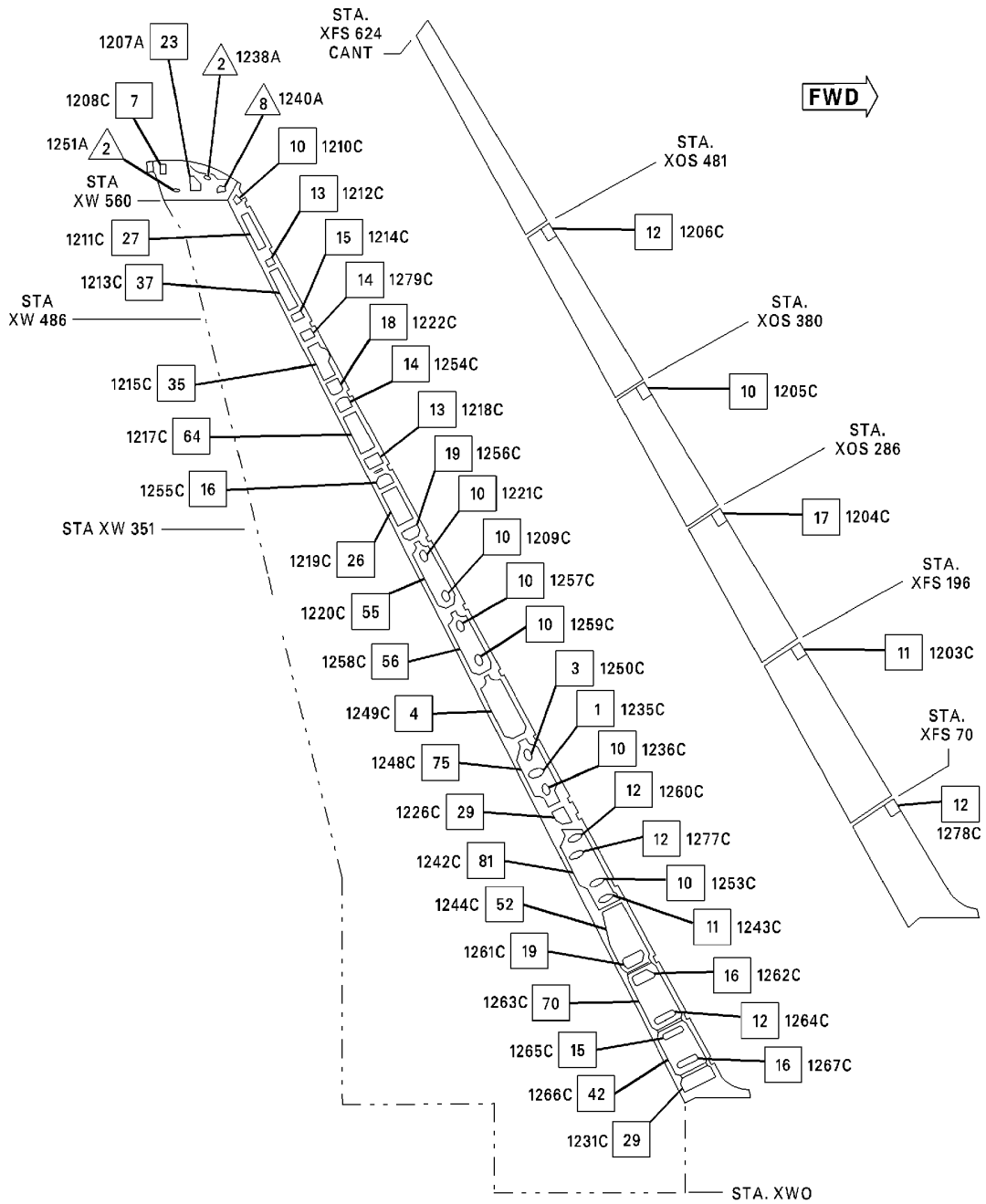
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CAG(IGDS)

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**Right Wing -- Lower Surface
Figure 5/06-21-00-990-813 (Sheet 1 of 2)**

EFFECTIVITY

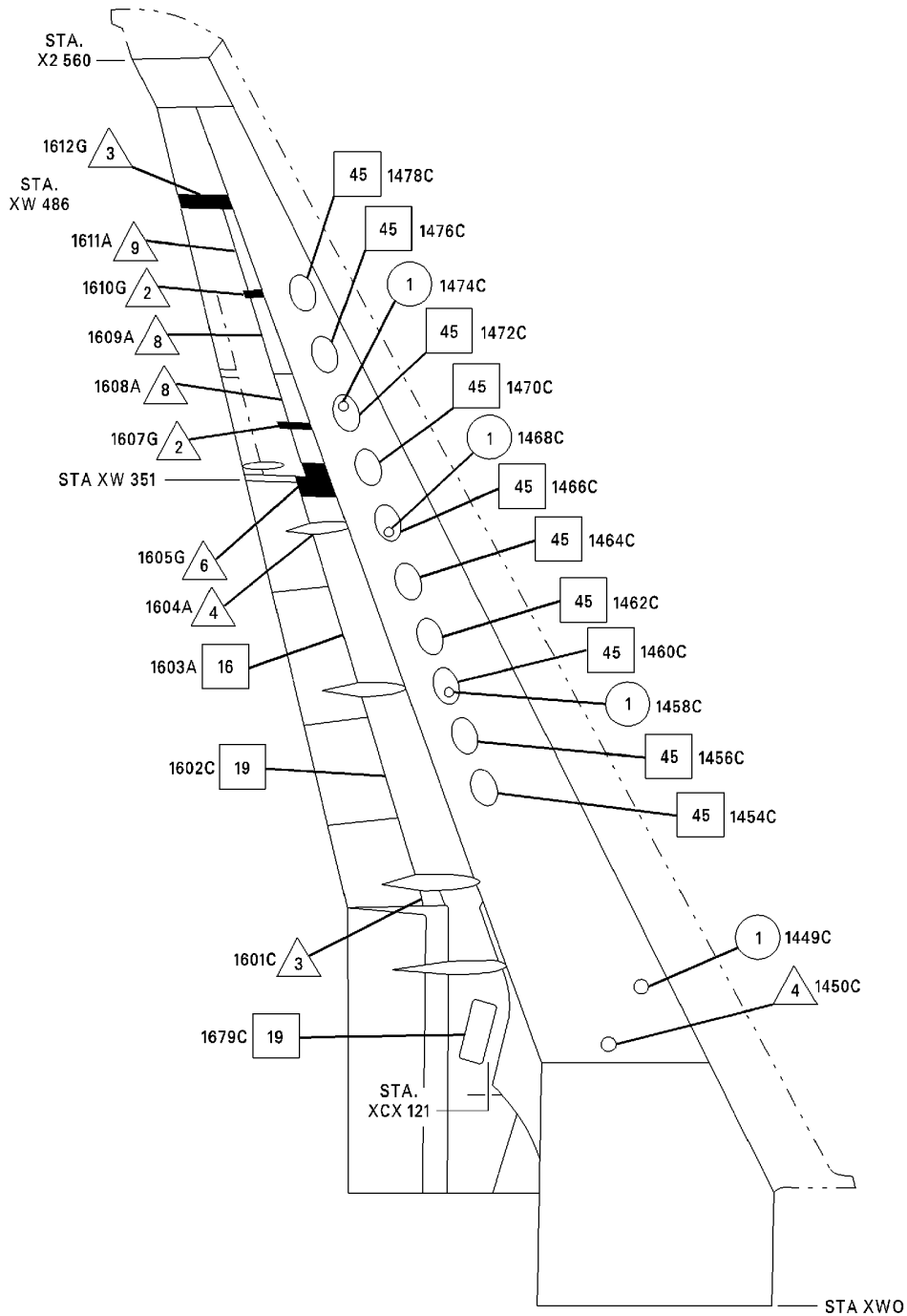
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CAG(IGDS)

BBB2-6-71A

Right Wing -- Lower Surface
Figure 5/06-21-00-990-813 (Sheet 2 of 2)

EFFECTIVITY

WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-874, 876, 878-881, 883, 884, 886, 887, 891-893

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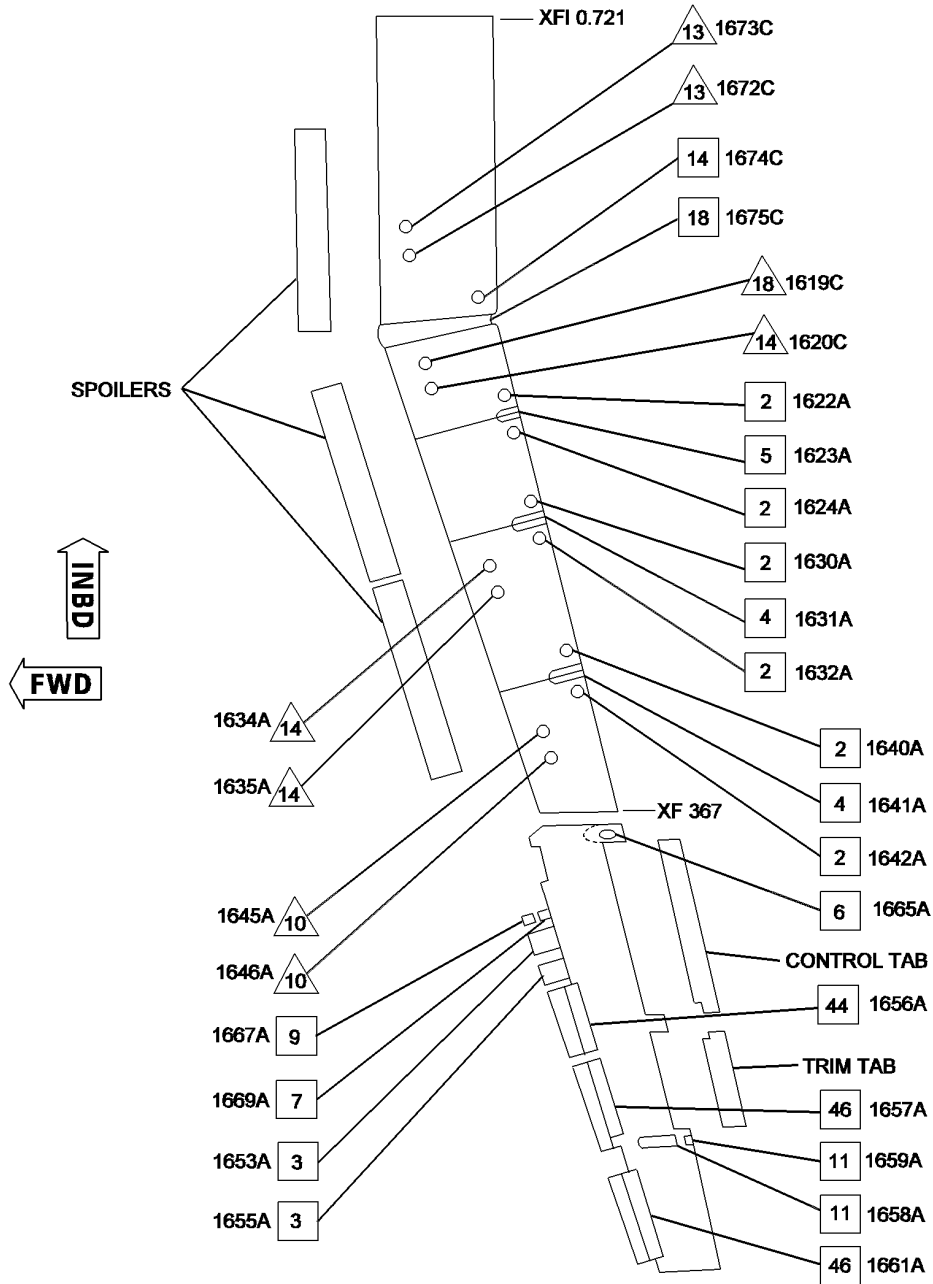
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**RIGHTAILERON AND FLAP ASSEMBLY
(LOWER SURFACE)**

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S0008522770V2

**Right Aileron and Flap - Lower Surface
Figure 6/06-21-00-990-814**

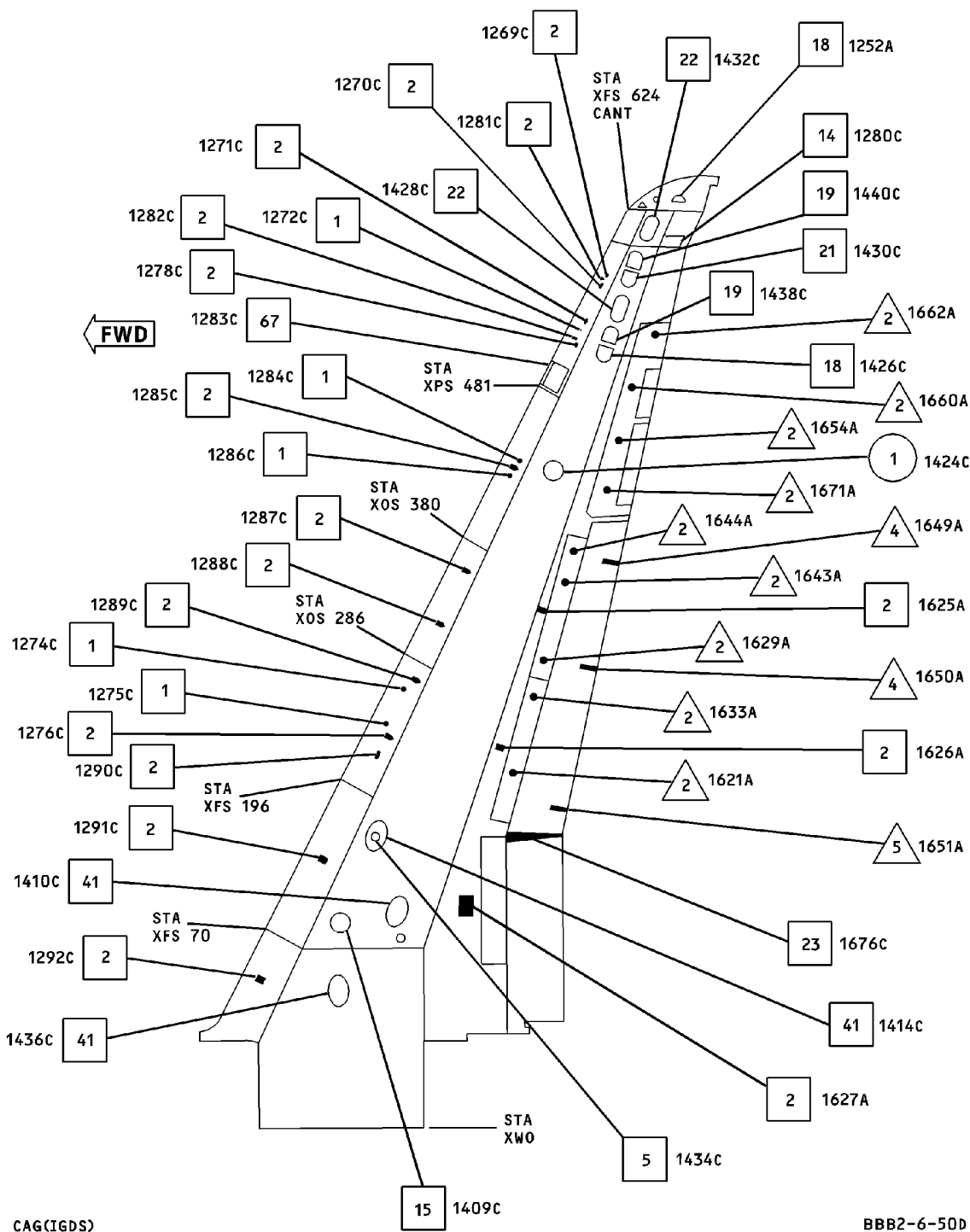
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Right Wing -- Upper Surface
Figure 7/06-21-00-990-815

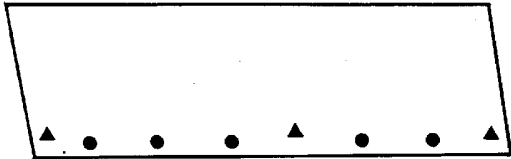
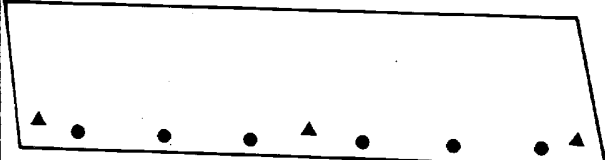
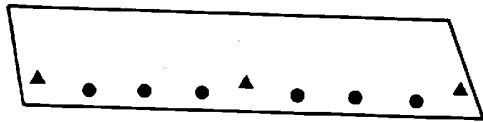
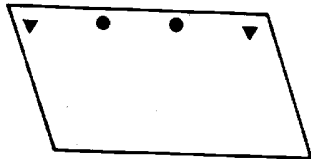
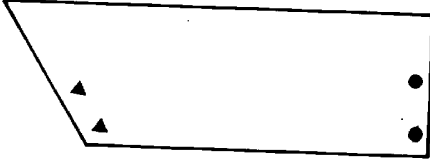
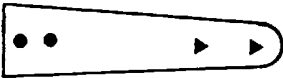
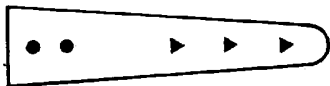
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891-893

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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER
6 13	1509A 1609A		▲ 3 40S45-4B ● 5 40S45-2B
6 13	1508C 1608A		▲ 3 40S45-4B ● 6 40S45-2B
6 13	1511A 1611A		▲ 3 NAS560HK3P3 ● 6 NAS560HK3P2
6 13	1506A 1606A		▲ 2 40S45-4B ● 2 40S45-2B
5 13	1504A 1604A		▲ 2 40S45-2B ● 2 40S45-3B
8 8 10 10 15 15 17 17	1531A 1541A 1549A 1550A 1631A 1641A 1649A 1650A		▲ 2 NAS1202-2 ● 2 AN509-8R7
8 10 15 17	1523A 1551A 1623A 1651A		▲ 2 NAS1202-2 ● 3 NAS1202-1

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Doors - Access Symbol and Type Fastener
Figure 8/06-21-00-990-816 (Sheet 1 of 2)

EFFECTIVITY

WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-874, 876, 878-881, 883, 884, 886, 887, 891-893

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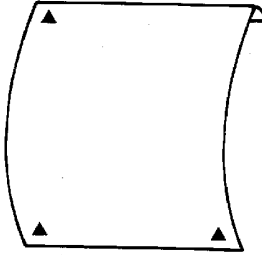
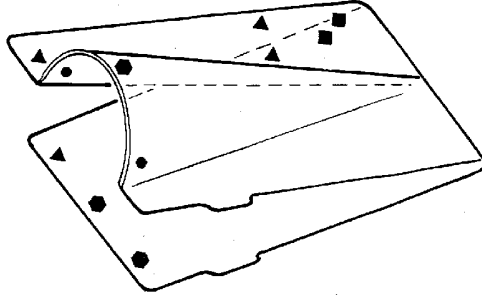
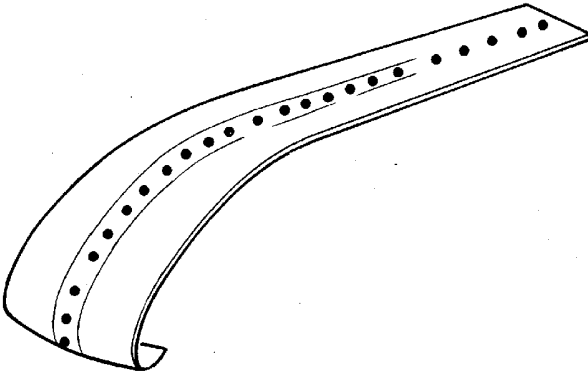
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10	1578C		● NAS333CPA 4/7/11/12/13

BBB2-6-39

Doors - Access Symbol and Type Fastener
Figure 8/06-21-00-990-816 (Sheet 2 of 2)

EFFECTIVITY

WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-874, 876, 878-881, 883, 884, 886, 887, 891-893

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WING CENTER SECTION ZONES AND ACCESS DOORS - DESCRIPTION AND OPERATION

1. General

- A. Wing center section zones (work area 2) encompasses the upper and lower surfaces and right and left wing to fuselage fillet areas. Refer to Figure 1 for individual zone boundaries.

Table 1 Wing Center Section Zones - Work Area 2

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
2104C	Structure Top of Wing Above Front Spar	19 x 57
2105C	Structure Top of Wing Above Front Spar	15 x 83
2106C	Structure Top of Wing Aft of Rear Spar	28 x 87
2107C	Fillet Installation, Aft Upper Wing to Fuselage	40 x 40
2108C	Fillet Installation, Aft of Wing to Fuselage	72 x 48
2109C	Ground Hydraulic Disconnect Panel	4 x 5
2110C	Fwd ADF Sense Antenna Panel	53 x 56
2113C	Leading Edge Fillet Installation, Wing to Fuselage	19 x 72
2114C	Leading Edge Fillet Installation, Wing to Fuselage	38 x 72
2115C	Aft ADF Sense Antenna Panel	44 x 64
2116C	Structure Underwing Fillet Installation	62 x 76
2117C	Sailboat Access, Wing to Fuselage	13 x 26
2204C	Structure Top of Wing Above Front Spar	19 x 57
2205C	Structure Top of Wing Above Front Spar	15 x 83
2206C	Structure Top of Wing Aft of Rear Spar	28 x 87
2207C	Fillet Installation Aft Upper Wing to Fuselage	40 x 40
2208C	Fillet Installation Aft Upper Wing to Fuselage	72 x 48
2209C	Ground Hydraulic Disconnect Panel	4 x 5
2210C	Fwd ADF Sense Antenna Panel	53 x 56
2213C	Leading Edge Fillet Installation, Wing to Fuselage	19 x 72
2214C	Leading Edge Fillet Installation, Wing to Fuselage	38 x 72
2215C	Aft ADF Sense Antenna Panel	44 x 64
2216C	Structure Under Wing Fillet Installation	62 x 76
2217C	Sailboat Access, Wing to Fuselage	13 x 26
2314C	ADF Couplers and Attaching Coaxial Cables	6 x 8-1/2
2315C	ADF Couplers and Attaching Coaxial Cables	6 x 8-1/2
2300A	Landing Gear Hydraulic Bypass Lever	2 x 9
2301C	Center Wing Fuel Tank From Top Surface, Fuel Qty Probe #1	12 x 22
2302C	Center Wing Fuel Tank, Fuel Qty Probe #2 Compensator	12 x 22

EFFECTIVITY
WJE ALL

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Table 1 Wing Center Section Zones - Work Area 2 (Continued)

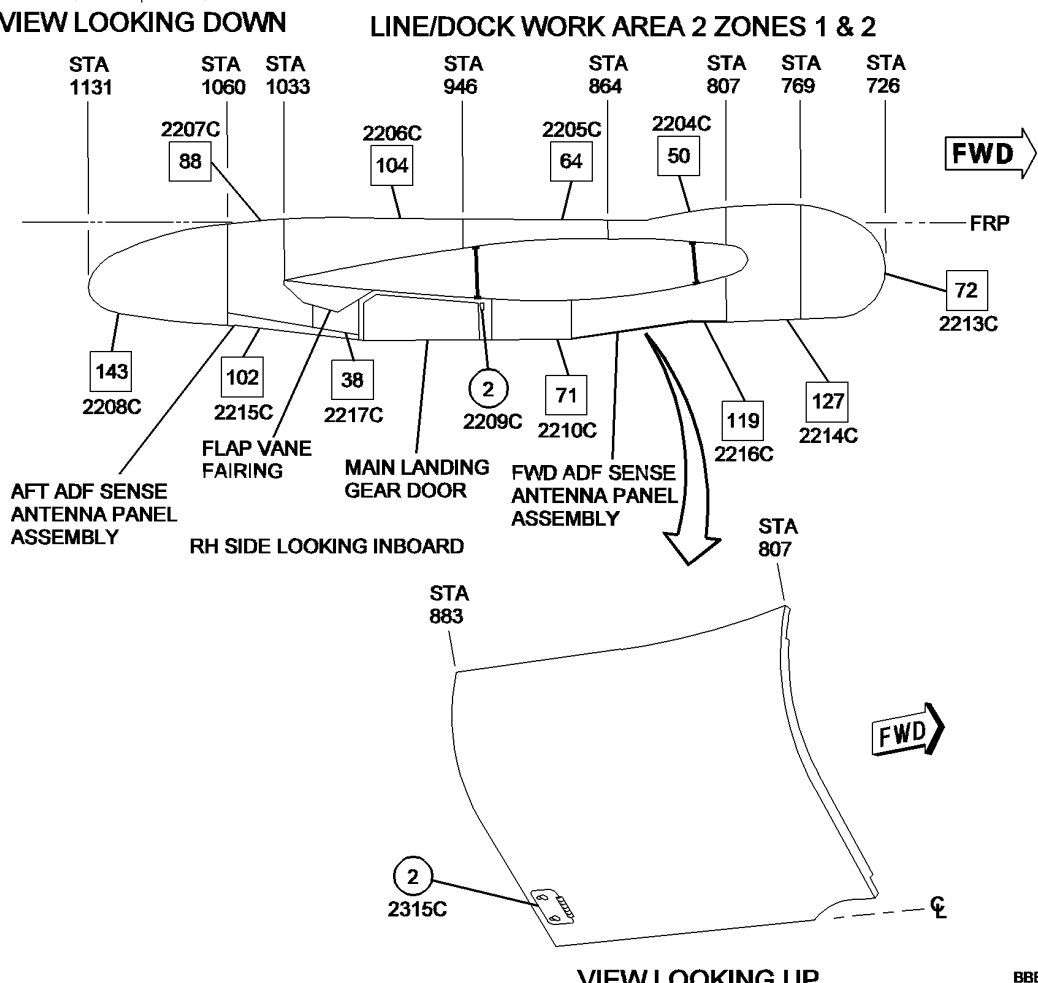
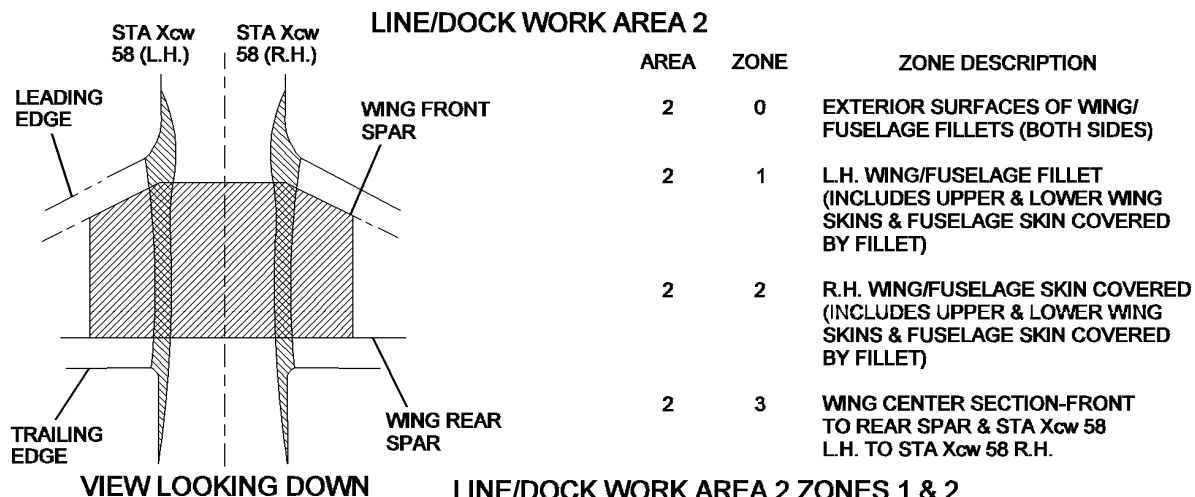
ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
2310C	Magnastick, Center Fuel Tank	5 x 7
2312C	Center Fuel Tank Sump Drain	4 x 4
2313C	Center Fuel Tank Sump Drain	4 x 4

EFFECTIVITY
WJE ALL

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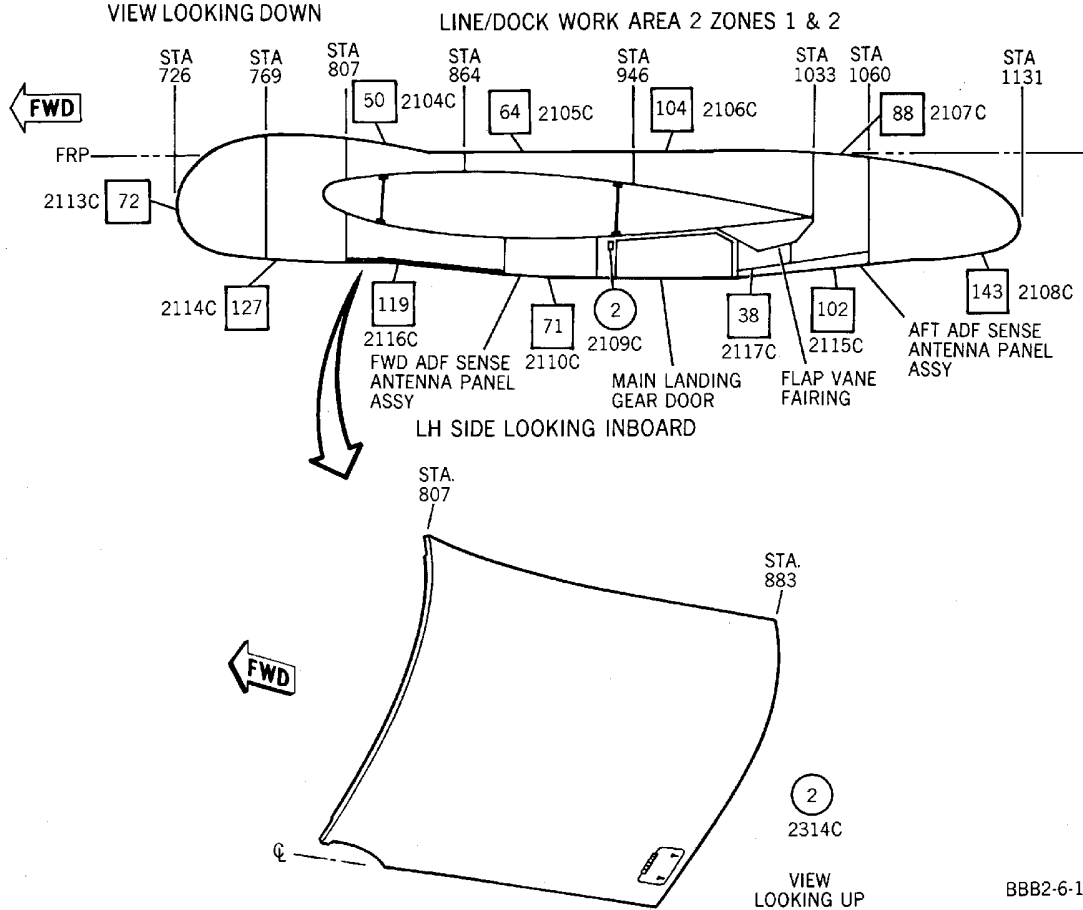
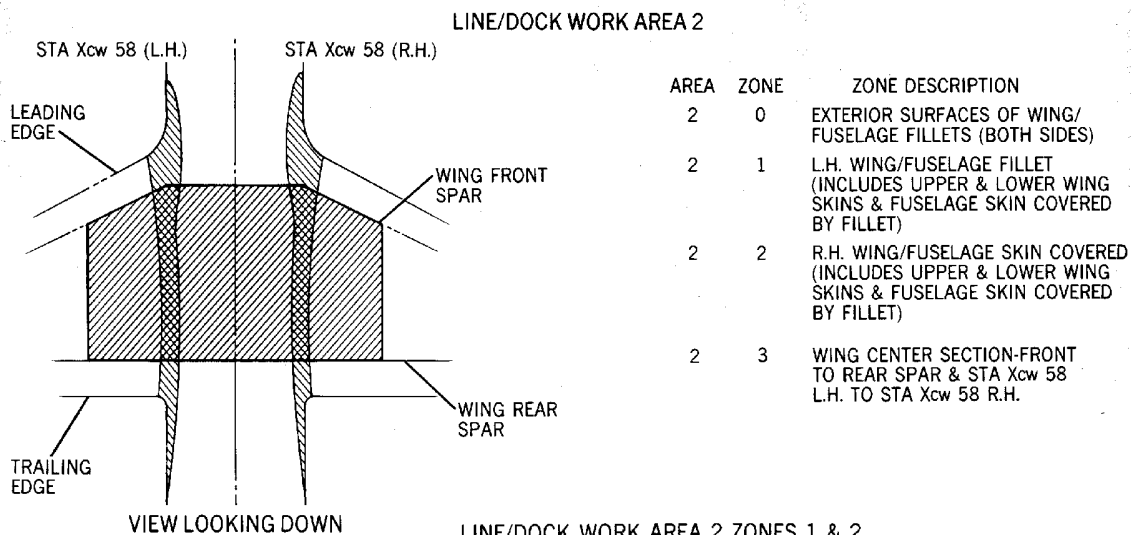
**Wing Center Section Zones - Work Area 2
Figure 1/06-22-00-990-801 (Sheet 1 of 2)**

EFFECTIVITY
WJE ALL

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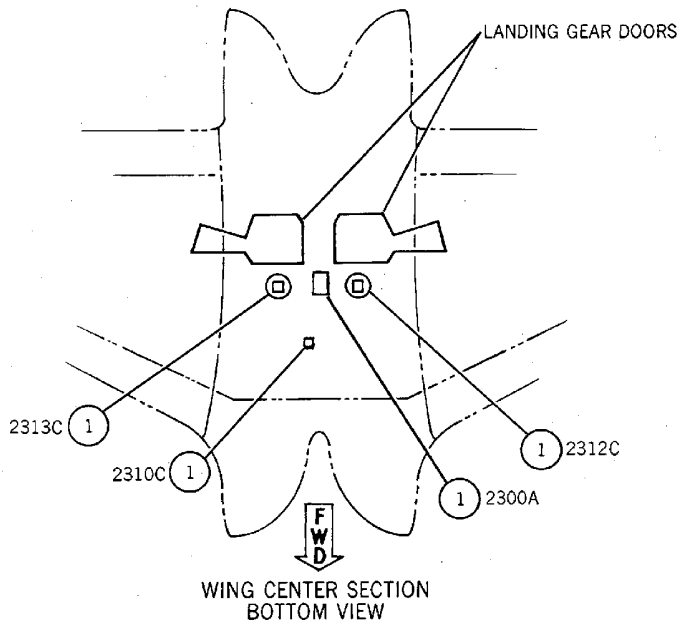
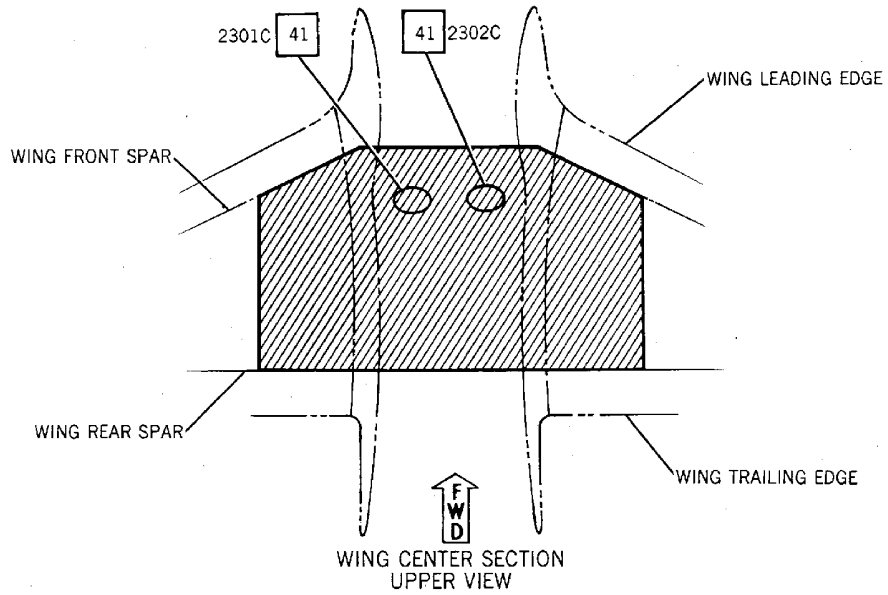
**Wing Center Section Zones - Work Area 2
Figure 1/06-22-00-990-801 (Sheet 2 of 2)**

EFFECTIVITY
WJE ALL

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**Wing Center Section - Upper and Lower Surfaces
Figure 2/06-22-00-990-802**

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WJE ALL

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HORIZONTAL EMPENNAGE ZONES - DESCRIPTION AND OPERATION

1. General

- A. Horizontal empennage zones (work area 3) encompasses the left and right horizontal stabilizers including flight control surfaces and vertical to horizontal fillets. Refer to Figure 1 for individual zone boundaries.

Table 1 Horizontal Empennage Zones -- Work Area 3

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
3301A	Rear Spar and Trailing Edge Structure	3 x 5
3303A	Rear Spar and Trailing Edge Structure	3 x 5
3305A	Rear Spar and Trailing Edge Structure	3 x 5
3307A	Rear Spar and Trailing Edge Structure	3 x 5
3309A	Rear Spar and Trailing Edge Structure	3 x 5
3315A	Front Spar and Forward Structure	3 x 5
3317A	Front Spar and Forward Structure	2-1/2 x 4-1/2
3327A	Front Spar and Forward Structure	3 x 5
3329A	Rear Spar and Trailing Edge Structure	3 x 5
3402A	Rear Spar and Trailing Edge Structure	3 x 5
3404A	Rear Spar and Trailing Edge Structure	3 x 5
3406A	Rear Spar and Trailing Edge Structure	3 x 5
3408A	Rear Spar and Trailing Edge Structure	3 x 5
3410A	Rear Spar and Trailing Edge Structure	3 x 5
3416A	Front Spar and Forward Structure	3 x 5
3418A	Front Spar and Forward Structure	2-1/2 x 4-1/2
3428A	Front Spar and Forward Structure	3 x 5
3430A	Rear Spar and Trailing Edge Structure	3 x 5
3701A	Fairing Attachment	4 x 6
3703A	Horizontal Stabilizer Center Section Structure, Center to Outboard Attach Joint, Vertical Stabilizer Cantilever Bulkhead	84 x 10
3705A	Horizontal Stabilizer Center Section Structure, Center Outboard Attach Joint	84 x 8
3802A	Fairing Attachment	4 x 6
3804A	Horizontal Stabilizer Center Section Structure, Center to Outboard Attach Joint, Vertical Stabilizer Cantilever Bulkhead	84 x 10
3806A	Horizontal Stabilizer Center Section Structure, Center to Outboard Attach Joint	84 x 8
3902A	Rear Spar and Trailing Edge Structure	9 x 5

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Table 1 Horizontal Empennage Zones -- Work Area 3 (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
3101C	Anti-Icing Duct Connector, Tensiometer, Horizontal Front Spar and Leading Edge Structure, Left Overheat (Duct Rupture) Sensor	6 x 66
3103C	Anti-Icing Duct Connector, Turnbuckle Access, Horizontal Front Spar and Leading Edge Structure	4 x 16
3107C	Anti-Ice Duct	5 x 6
3109C	Fairlead	5 x 6
3111C	Anti-Float Tab Control	5 x 6
3113C	Anti-Float Tab Control	5 x 6
3114C	Anti-Float Tab Control	5 x 6
3115C	Anti-Float Tab Control	5 x 6
3202C	Anti-Icing Duct Connector, Horizontal Front Spar and Leading Edge Structure, Right Overheat (Duct Rupture) Sensor	6 x 6
3204C	Anti-Icing Duct Connector, Turnbuckle Access, Horizontal Front Spar and Leading Edge Structure	4 x 16
3202A	Anti-Icing Duct Connector	6 x 6
3204C	Anti-Icing Duct Connector	4 x 16
3208C	Anti-Icing Duct	5 x 6
3210C	Anti-Float Tab Control	5 x 6
3212C	Anti-Float Tab Control	5 x 6
3213C	Fair Lead Access	5 x 6
3214C	Anti-Float Tab Control	5 x 6
3215C	Anti-Float Tab Control	5 x 6
3319A	Elevator Hydraulic Actuator	6 x 7
3321A	Elevator Hydraulic Actuator	6 x 7
3323C	Elevator Hydraulic Control Valve	4 x 5
3325C	Elevator Hydraulic Control Valve, Elevator Position Sensor	4 x 5
3420A	Elevator Hydraulic Actuator	6 x 7
3422A	Elevator Hydraulic Actuator	6 x 7
3424C	Elevator Hydraulic Control Valve	4 x 5
3426C	Elevator Hydraulic Control Valve, Elevator Position Sensor	4 x 5
3501C	Elevator Hydraulic Control Valve	7 x 9
3505C	Elevator Damper, LH	6 x 10
3507A	Elevator Hinge Nut	2-3/4 Diameter

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Table 1 Horizontal Empennage Zones -- Work Area 3 (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
3509C	Elevator Damper, LH	10 x 6
3511A	Elevator Gear Tab Mechanism	5 x 3
3513A	Elevator Hinge Nut	2-1/4 Diameter
3515A	Elevator Gear Tab Mechanism	5 x 3
3517A	Elevator Hinge Nut	2-1/4 Diameter
3519A	Elevator Hinge Nut	2-1/4 Diameter
3523A	Flight Tab Mechanism	4 x 10
3529A	Elevator Hinge Nut	2-1/4 Diameter
3531C	Anti-Float Tab Mechanism	7 x 9
3602C	Elevator Hydraulic Control Valve	7 x 9
3606C	Elevator Damper, RH	6 x 10
3608A	Elevator Hinge Nut	2-1/4 Diameter
3610C	Elevator Damper, RH	6 x 10
3612A	Elevator Gear Tab Mechanism, Inboard	5 x 3
3614A	Elevator Hinge Nut	2-1/4 Diameter
3616A	Elevator Gear Tab Mechanism	5 x 9
3618A	Elevator Hinge Nut	2-1/4 Diameter
3620A	Elevator Hinge Nut	2-1/4 Diameter
3624A	Flight Tab Mechanism	4 x 10
3630A	Elevator Hinge Nut	2-1/4 Diameter
3632C	Anti-Float Tab Mechanism	7 x 9

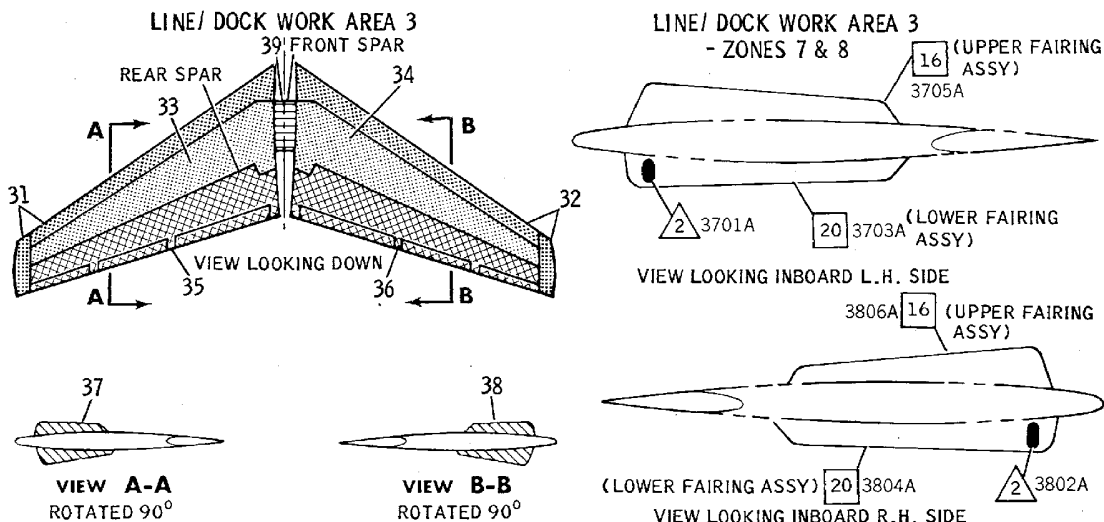
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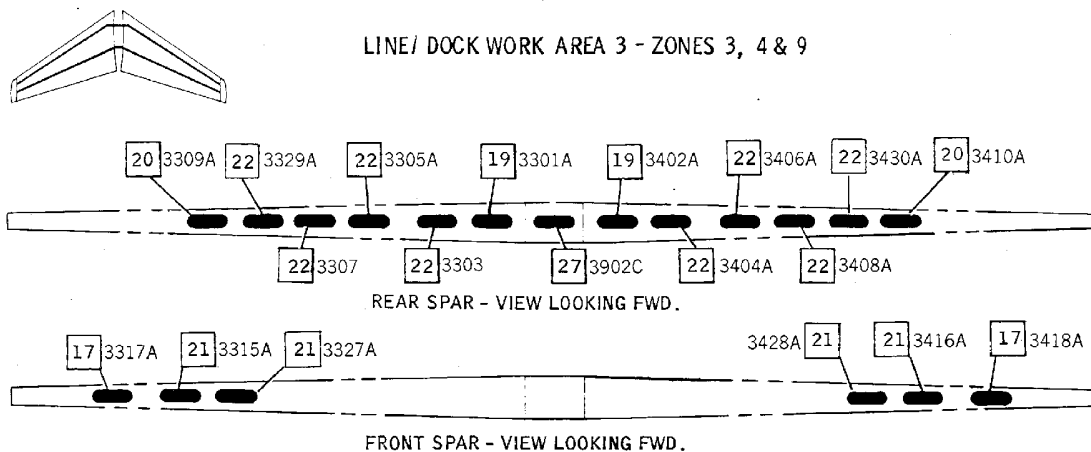
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AREA	ZONE	ZONE DESCRIPTION
3	0	EXTERIOR SURFACES OF HORIZONTAL EMPENNAGE (BOTH SIDES)
3	1	L.H. HORIZONTAL STABILIZER LEADING EDGE AND TIP
3	2	R.H. HORIZONTAL STABILIZER LEADING EDGE AND TIP
3	3	L.H. OUTBOARD STABILIZER INTER-SPAR BOX
3	4	R.H. OUTBOARD STABILIZER INTER-SPAR BOX
3	5	L.H. ELEVATOR, TABS AND TRAILING EDGE STRUCTURE AFT OF REAR SPAR
3	6	R.H. ELEVATOR, TABS AND TRAILING EDGE STRUCTURE AFT OF REAR SPAR
3	7	L.H. HORIZONTAL TO VERTICAL STABILIZER FAIRING PLATES
3	8	R.H. HORIZONTAL TO VERTICAL STABILIZER FAIRING PLATES
3	9	HORIZONTAL STABILIZER CENTER SECTION BOX



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Horizontal Empennage Zones -- Work Area 3
Figure 1/06-23-00-990-801

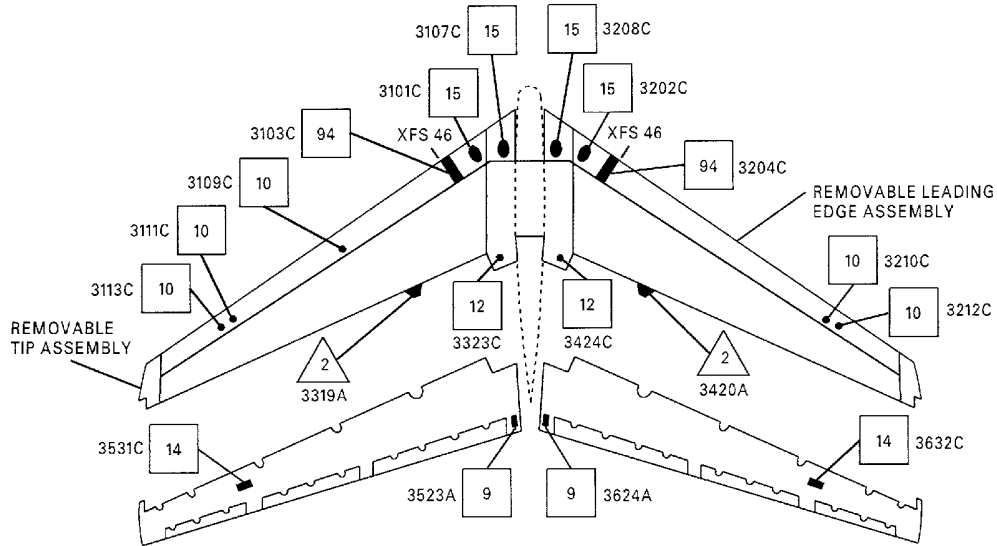
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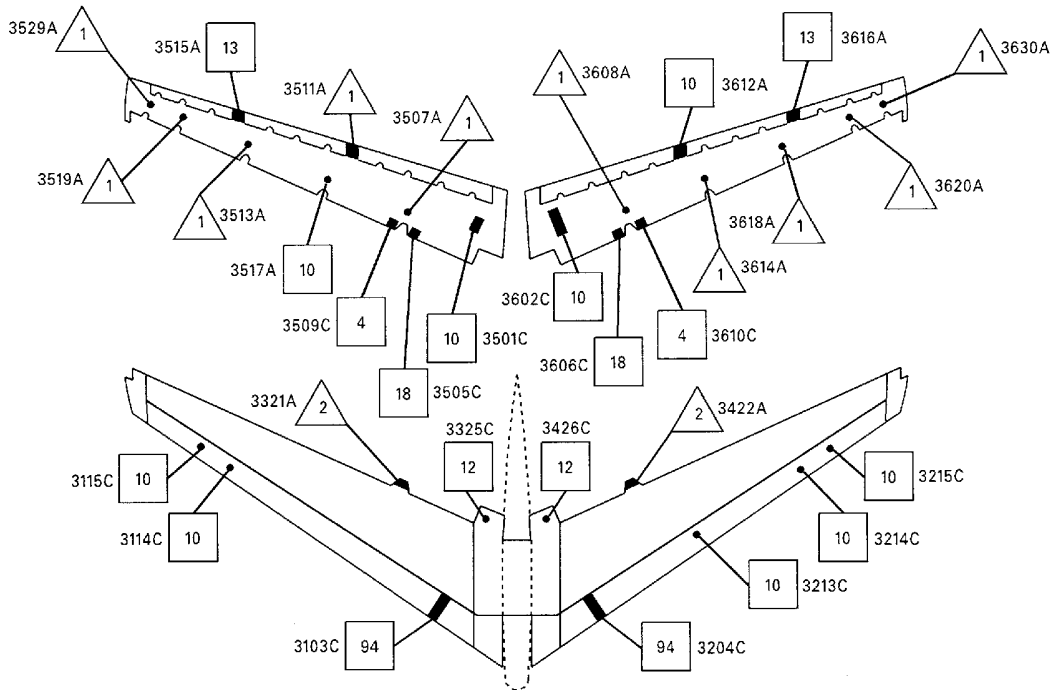
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LINE/DOCK WORK AREA 3 – ZONES 1, 2, 3, 4, 5, 6 AND 9



HORIZONTAL STABILIZER AND ELEVATOR UPPER SURFACE



HORIZONTAL STABILIZER AND ELEVATOR LOWER SURFACE
(VIEW LOOKING UP)

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**Horizontal Empennage
Figure 2/06-23-00-990-802**


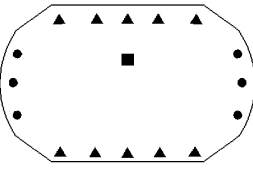
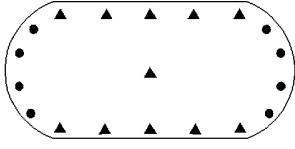
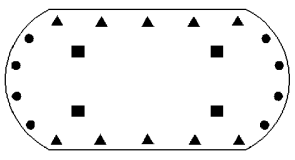
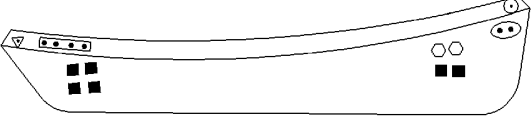
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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER
3 3	3703A 3804A		<ul style="list-style-type: none"> ○ 1-NAS1203-2 △ 1-NAS1203-3 ◉ 2-NAS1203-4 ◊ 2-NAS1203-5 ●●●● 4-NAS1203-6 ■ 6-NAS1203-10 ◊ 4-NAS1203-11
3 3	3317A 3418A		<ul style="list-style-type: none"> ▲ 10 NAS1403-3 ● 6 NAS1403-2 ■ 1 NAS686A3
3 3	3301A 3402A		<ul style="list-style-type: none"> ▲ 11 NAS1103-6 ● 8 NAS1103-4
3 3 3 3 3 3 3 3	3303A 3305A 3307A 3329A 3404A 3406A 3408A 3430A		<ul style="list-style-type: none"> ▲ 10 NAS1403-3 ● 8 NAS1103-6 ■ 4 AN515C8R-7
3 3	3705A 3806A		<ul style="list-style-type: none"> ○ 1-NAS1203-2 △ 1-NAS1203-3 ◉ 2-NAS1203-4 ●●●● 4-NAS1203-6 ■ 6-NAS1203-10 ◊ 2-NAS1203-11

CAG(IGDS)

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Doors -- Access Symbol and Type Fastener
Figure 3/06-23-00-990-803 (Sheet 1 of 2)

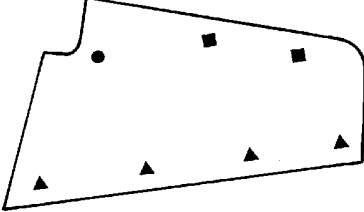
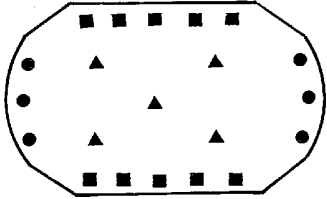
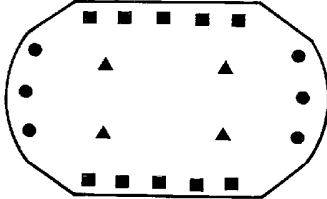
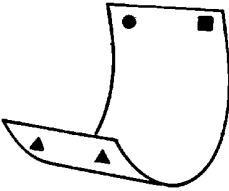
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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER
5 5	3501A 3602C		<ul style="list-style-type: none"> ■ 2-2700-3 ▲ 4-2700-4 ● 1-2700-5
3 3 3 3	3315A 3327A 3416A 3428A		<ul style="list-style-type: none"> ■ 5 AN515C8R-7 ▲ 10 NAS1403-3 ● 6 NAS1403-2
3 3 3	3309A 3327A 3410A		<ul style="list-style-type: none"> ■ 10 NAS1403-4 ▲ 6 NAS1403-2 ● 4 AN515C8R-7
5 5	3509C 3610C		<ul style="list-style-type: none"> ■ 1 NAS1204-5 ● 1 NAS1204-6 ▲ 2 4S14-4

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Doors -- Access Symbol and Type Fastener
Figure 3/06-23-00-990-803 (Sheet 2 of 2)

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MD-80 AIRCRAFT MAINTENANCE MANUAL

FUSELAGE ZONES - DESCRIPTION AND OPERATION

1. General

- A. Fuselage zones (work areas 4 and 5) encompass the entire fuselage from nose to aft press bulkhead. Refer to Figure 1 for individual zone boundaries.

Table 1 Nose and Fuselage - Sections

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
4301A	External Ground Connection, Forward Intercom Jack and Nose Wheel Well Light Switch	6 x 10
4401A	Windshield Wiper Motor, and Associated Components	5 x 6
4402A	Windshield Wiper Motor, and Associated Components	5 x 6
4500A	External Manual Forward Stair Operational Controls	2 x 10
4501A	Electrical/Electronic Equipment Compartment	26 x 22
5001C	Stall Warning Transducer	4" Diameter
5002C	Angle of Attack Transducer	4" Diameter
5111D	Fwd Waste Water Service Panel	10 x 16
5112D	Potable Water Service Tank Pressure Valve, Water Line Drain and Forward and Aft Tank Vents, Fill/Vent Valve	9 x 9
5701A	Aft Waste Water Service Panel	10 x 16
5901C	Thrust Reverser Hydraulic Release Handle and Accumulator Pressure Gage	12 x 5
5902A	Thrust Reverser Hydraulic Release Handle and Accumulator Pressure Gage	12 x 5
5903A	Auxiliary Power Unit Service Access LH	33 x 17
5904A	Auxiliary Power Unit Service Access RH	33 x 17
5905C	Ground Pneumatic Power Connector	8 Diameter
5906C	Ground Conditioned Air Connector	8 Diameter
5909C	APU Emergency Shutoff, Fire Extinguisher Switches (Ground Manual Operation Only)	8 x 8
5917C	External Manual Control, Ventral Stairs	14 x 8

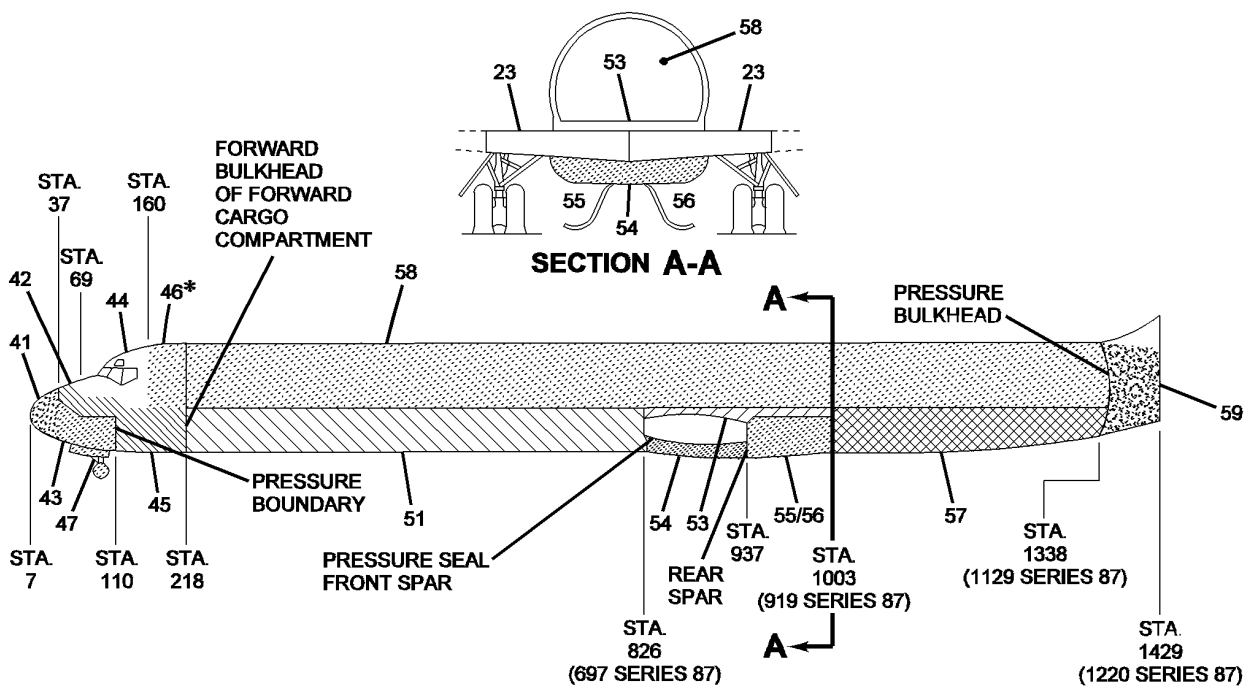
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AREA	ZONE	ZONE DESCRIPTION
4	0	EXTERIOR SURFACES OF FUSELAGE FROM STA. 7 TO STA. 218
4	1	RADOME (ALL UNPRESSURIZED AREA OF FUSELAGE FORWARD OF STA. 37)
4	2	ALL PRESSURIZED AREA FROM STA. 37 TO STA. 69 ABOVE PRESSURE PANEL
4	3	NOSE WHEEL WELL, DOORS AND TUNNELS (UNPRESSURIZED AREA FROM STA. 37 TO STA. 110 BELOW PRESSURE PANEL)
4	4	ALL PRESSURIZED AREA FROM STA. 69 TO STA. 160 ABOVE THE FLOOR
4	5	ALL PRESSURIZED AREA FROM STA. 69 TO STA. 218 BELOW THE FLOOR (RADIO ELECTRICAL COMPARTMENT)
4	6	ALL PRESSURIZED AREA FROM STA. 160 TO STA. 218 ABOVE THE FLOOR
4	7	NOSE LANDING GEAR ASSEMBLY
5	0	EXTERIOR SURFACES OF FUSELAGE FROM STA. 218 TO STA. 1429
5	1	FORWARD CARGO COMPARTMENT (ALL PRESSURIZED AREA FROM STA. 218 TO STA. 826 BELOW CABIN FLOOR) (STA. 218 TO 697 FOR SERIES 87)
5	2	NOT USED FOR MAINTENANCE PLANNING
5	3	ALL PRESSURIZED AREA BELOW FLOOR AND ABOVE WING CENTER SECTION AND WHEEL WELL PRESSURE PANEL (STA. 826 TO STA. 1003)
5	4	ALL UNPRESSURIZED AREA BELOW WING CENTER SECTION FROM FRONT TO REAR SPAR (STA. 826 TO STA. 937)
5	5	FIXED STRUCTURE OF L.H. TRAILING EDGE INBOARD OF STRUT WELL AND WHEEL WELL DOOR
5	6	FIXED STRUCTURE OF R.H. TRAILING EDGE INBOARD OF STRUT WELL AND WHEEL WELL DOOR
5	7	AFT CARGO COMPARTMENT (ALL PRESSURIZED AREA FROM STA. 1003 TO STA. 1338 BELOW CABIN FLOOR) (STA. 919 TO 1129 FOR SERIES 87)
5	8	CABIN AND LAVATORY AREA (ALL PRESSURIZED AREA FROM STA. 218 TO STA. 1338 ABOVE CABIN FLOOR)
5	9	ALL UNPRESSURIZED AREA OF FUSELAGE FROM STA. 1338 TO STA. 1429 (MANUFACTURING SPLICE) (STA. 1129 TO 1230 FOR SERIES 87)

*NOTE:
CALLOUT X₁ X₂ WITH X₁ AS AREA, AND X₂ AS ZONE

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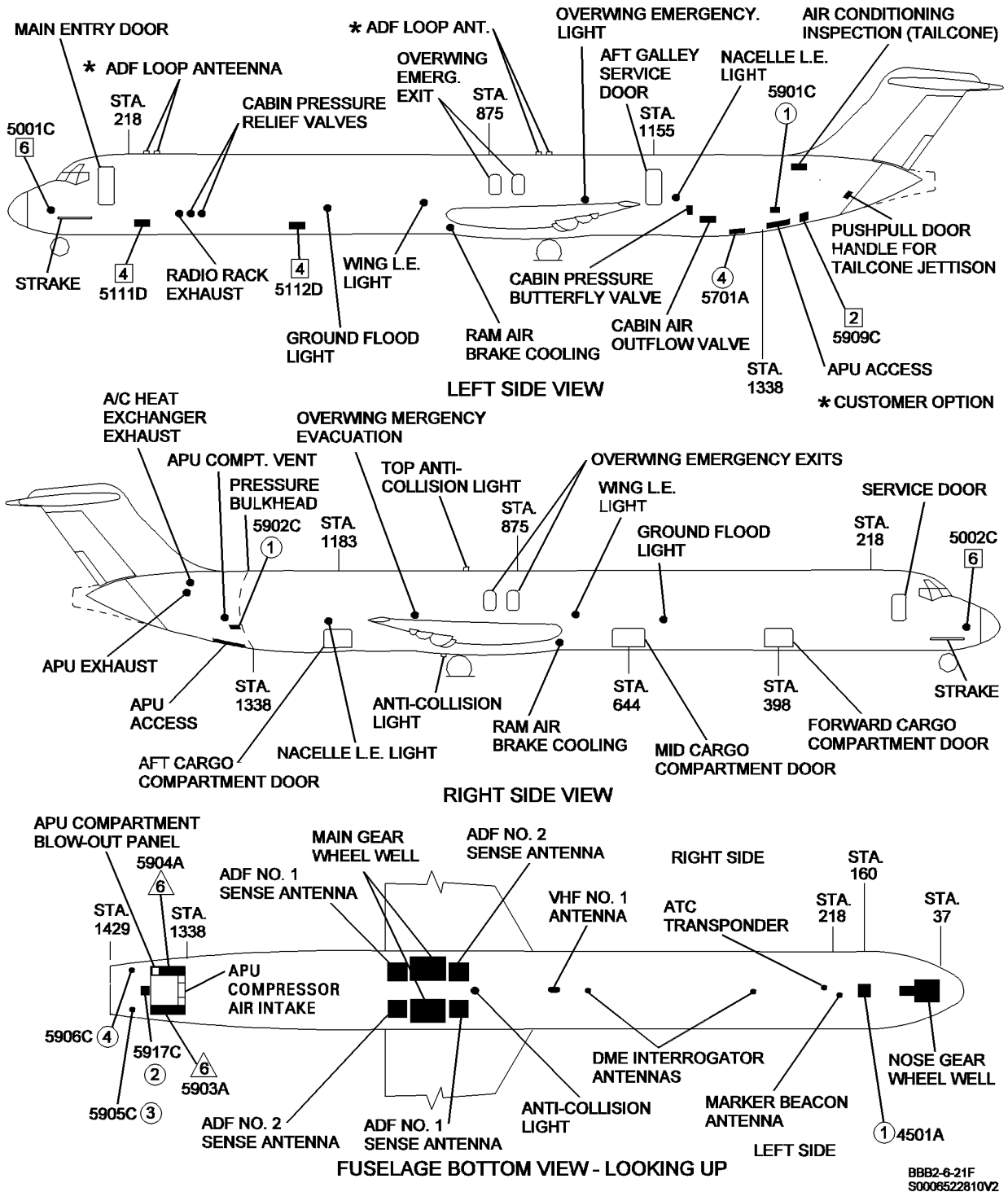
Fuselage Zones - Work Areas, 4 and 5
Figure 1/06-24-00-990-801

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Nose and Fuselage - Sections
Figure 2/06-24-00-990-802

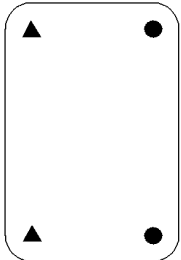
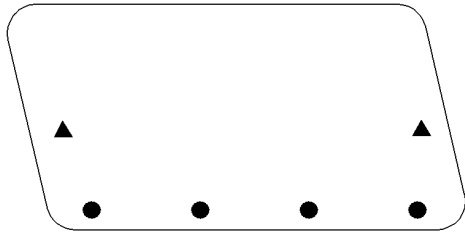
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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER
4 4	5701A 5111D		<p>● 2 H5100:115-125</p> <p>▲ 2 H5100:125-142</p>
4 4	5903A 5904A		<p>● 4-4002-6</p> <p>▲ 2 4002-4</p>

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Doors -- Access Symbol and Type Fastener
Figure 3/06-24-00-990-803

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FUSELAGE ZONES AND ACCESS DOORS - INSPECTION/CHECK

1. General

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

TASK 06-24-00-211-801

2. Detailed Inspection of the Ground Conditioned Air Connector Access Door Hinge and Latches

A. Ground Conditioned Air Connector Access Door Hinge and Latches Detailed Inspection

SUBTASK 06-24-00-010-001

(1) Open the door.

SUBTASK 06-24-00-211-001

(2) Check the latches for corrosion, damage and proper operation. (Figure 601)

(3) Check the door hinge assembly for corrosion, damage and freedom of movement. (Figure 601)

SUBTASK 06-24-00-410-001

(4) Close the door.

B. Job Close-up

SUBTASK 06-24-00-942-001

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

———— **END OF TASK** ————

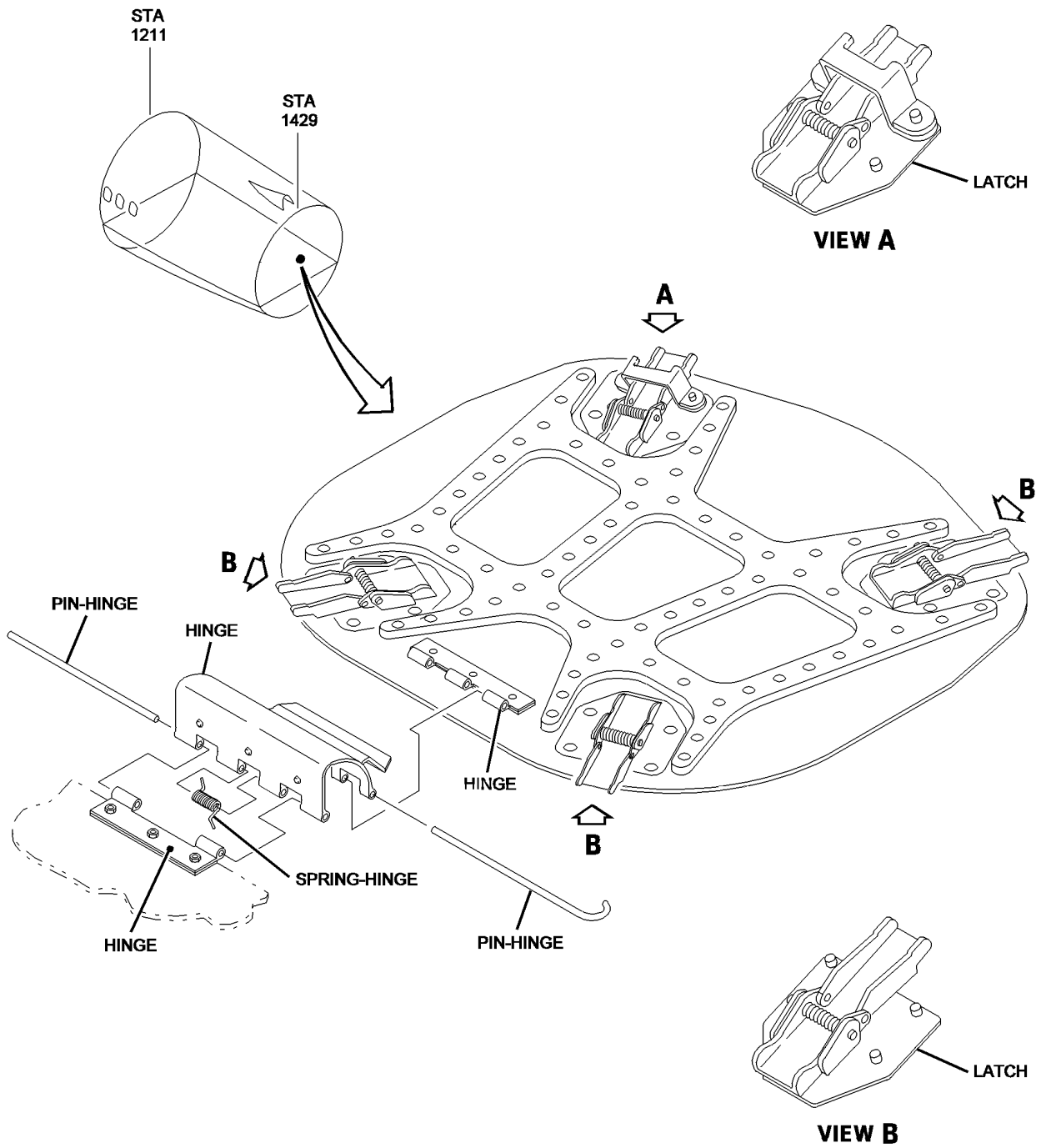
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Ground Conditioned Air Connector Access Door - Detailed Inspection
Figure 601/06-24-00-990-804

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AFT FUSELAGE AND VERTICAL EMPENNAGE ZONES - DESCRIPTION AND OPERATION

1. General

- A. Aft fuselage and vertical empennage zones (work area 6) encompasses the vertical stabilizer, tip, flight controls and aft fuselage from station 1419 to station 1633. Refer to Figure 1 for individual zone boundaries.

Table 1 Aft Fuselage and Vertical Empennage Zones - Work Area 6

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
6101A	Air Cond Pilot Pres Reg, Conditioned Air Check Valves, Cold Air Check Valves, Air Cond Water Separators, Water Separator Temp Control Valve, Water Separator Temp Control Thermostat, Ram Air Diverter Valve, Heat Exchanger Cooling Air Fans, Ram Air Valve (Right Side Only), Ground Air Cond Connector, Ground Air Cond Check Valve, Air Cond Pressure Valve, Air Cond Flow Control Valve, Supply Pressure Indicator and Transmitter, Cooling Turbine, Primary Heat Exchangers, Secondary Heat Exchangers, Air Cond Supply Temperature High Sensor, Air Cond Temperature Valve and Position Indicator, Augmentation Valve, Reference Pressure Regulator, Pneumatic Crossfeed Valve, Ice Protection Control Anticipator, Ice Protection Control Thermostat, Pneumatic Pressure Transmitter, Tail Compartment Overheat Sensor, Auxiliary Power Unit Check Valve, High Pressure Bleed Shutoff Temperature Sensor, Low Pressure Air Temperature Sensor, Ice Protection System Pressure Regulator and Shutoff Valve, Tail Ice Protection Shutoff Valve, Ice Protection High Pressure Switch, Ice Protection High Temperature Sensors, Ice Protection Low Temperature Sensors, Ice Protection Flow Limiting Venturi, Thrust Reverser Control Valve, Thrust Reverser Accumulator, Thrust Reverser Control Valve Sector, Engine Pressure Ratio (EPR) Transmitter, Rudder Power Shutoff, Rudder Power Actuator, Elevator Power Pressure Line Accumulator, Elevator Power Return Line Accumulator, Elevator Power Pressure Reducer and Bleed Valve, Elevator Return Relief Valve, Engine Driven Pump Relief Valve and Hydraulic Filters	29 x 30
6102A	Elevator and Hydraulic Accumulator Dump Valve and Pressure Gage	6 x 7
6103A	Tailcone External Emergency Release Handle	5 x 5
6301A	Anti-icing Duct Connectors	6 x 6
6303C	VOR Antenna	31 x 15
6304C	VOR Antenna	31 x 15
6305C	Anti-icing Duct Connectors	6 x 9
6306A	Horizontal Stabilizer Bearing	3 x 5

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Table 1 Aft Fuselage and Vertical Empennage Zones - Work Area 6 (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
6307C	Anti-icing Duct Connectors	9 x 12
6308C	Horizontal Stabilizer Jack Screw Drive Motor, Upper End Jack Screw	18 x 24
6309A	Horizontal Stabilizer Bearing	3 x 5
6310A	Elevator Bellcrank and Upper Fairing	13 x 16
6312C	VOR Antenna	31 x 15
6313C	VOR Antenna	31 x 15
6315C	VOR Antenna Plug Connector	5 x 8
6317C	VOR Antenna Plug Connector	5 x 8
6319A	Pitot Tube Hose Attach	6 x 6
6401A	Lower End Horizontal Stabilizer Actuator - Left Side	8 x 7
6402A	Lower End Horizontal Stabilizer Actuator - Right Side	8 x 7
6403A	Upper Rudder Connecting Rod Bearing	5-3/4 Diameter
6404A	Control Cables	6 x 52
6405A	Control Cable Fair Leads	6 x 8
6406A	Control Cables	6 x 27
6407A	Control Cable Fair Leads	6 x 32
6408A	Control Cables	7 x 38
6409A	Vertical Stabilizer Aft Spar	4 x 5
6410A	Vertical Stabilizer Aft Spar	4 x 5
6501A	Rudder Removal	7 x 8
6502A	Rudder Removal, Torque Bearing, and Lower Hinge	20 x 14
6503A	Rudder Damper	2-3/4 x 7
6504A	Rudder Removal, Torque Bearing, and Lower Hinge	6 x 5
6505A	Rudder Hinge Attach Nut	2-1/2 Diameter
6506A	Rudder Removal	6 x 2
6508A	Tab Bearing and Mechanism	18 x 6
6509A	Rudder Damper	2-3/4 x 7
6510A	Rudder Damper	2-3/4 x 7
6511A	Rudder Hinge Attach Nut	2-1/2 Diameter
6512A	Rudder Damper	2-3/4 x 7
6515A	Rudder Hinge Attach Nut	2-1/2 Diameter
6517A	Rudder Hinge Pin	5 x 7
6519A	Rudder Hinge Pin	5 x 7

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Table 1 Aft Fuselage and Vertical Empennage Zones - Work Area 6 (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
6521A	Rudder Hinge Pin	5 x 7

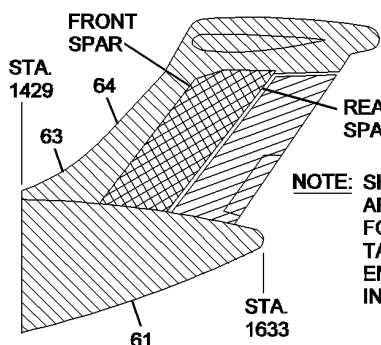
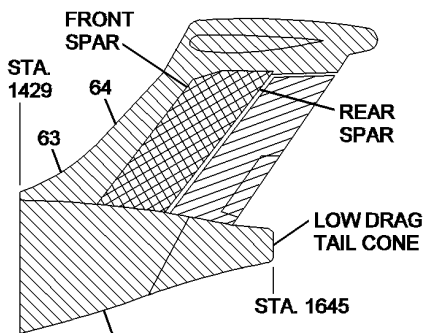
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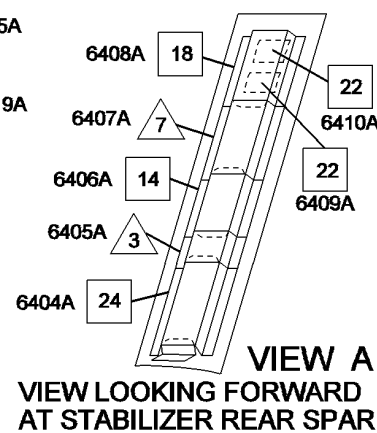
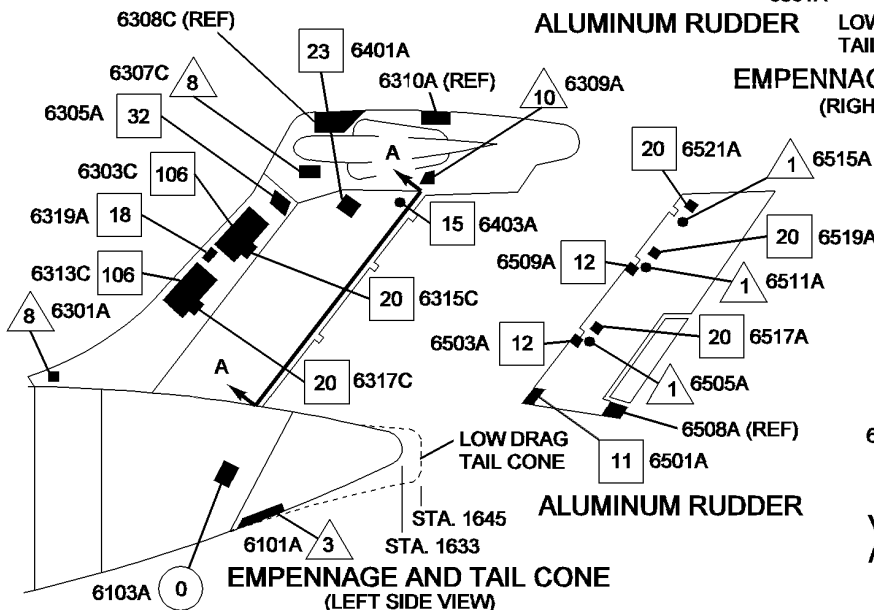
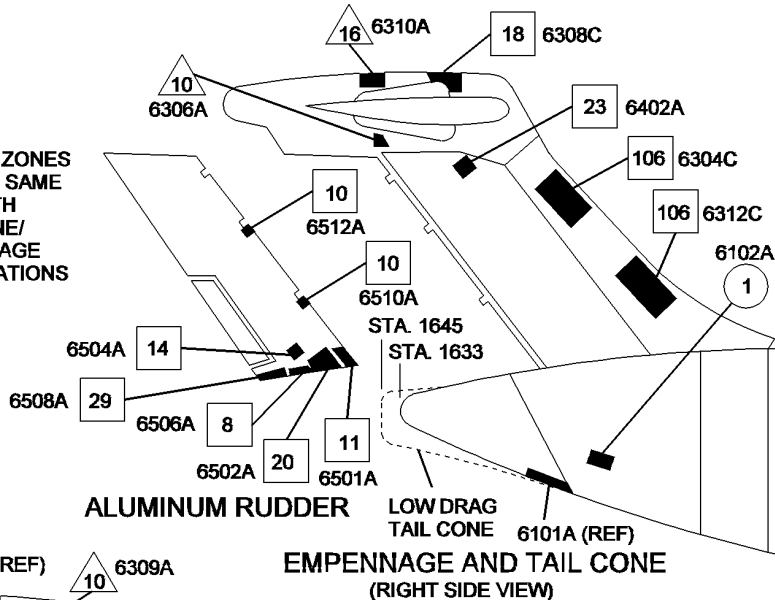
NOTE: SHADED ZONES ARE THE SAME FOR BOTH TAIL CONE/EMPENNAGE INSTALLATIONS

NOTE: ACCESS PANEL 6101A IS THE SAME FOR BOTH TAIL CONES

LINE DOCK WORK AREA 6

AREA	ZONE	ZONE DESCRIPTION
6	0	EXTERIOR SURFACES OF AFT FUSELAGE & VERTICAL EMPENNAGE
6	1	ALL UNPRESSURIZED AREA OF THE FUSELAGE FROM STA. 1429 TO STA. 1633
6	2	NOT USED FOR MAINTENANCE PLANNING
6	3	VERTICAL STABILIZER LEADING EDGE AND TIP FAIRING
6	4	VERTICAL STABILIZER INTER-SPAR BOX
6	5	RUDDER, TABS AND TRAILING EDGE STRUCTURE OF THE VERTICAL STABILIZER AFT OF THE REAR SPAR

LINE/DOCK WORK AREA 6 - ZONES 1, 2, 3, 4, & 5



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Aft Fuselage and Vertical Empennage Zones - Work Area 6
Figure 1/06-25-00-990-801

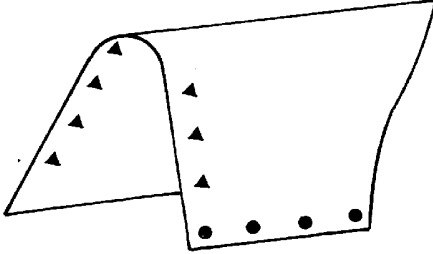
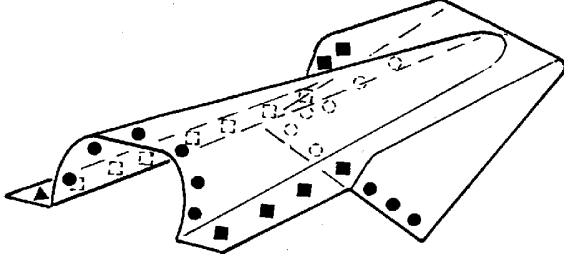
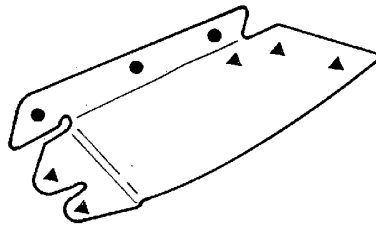
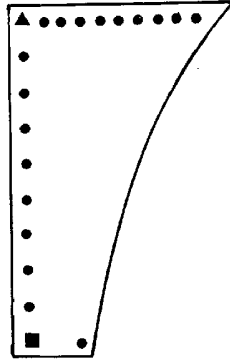
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WJE 422, 424, 429

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3	6502A		<ul style="list-style-type: none"> ▲ 1 NAS1203-6 ■ 18 NAS1203-4 ● 1 NAS1503-6

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Doors - Access Symbol and Type Fastener
Figure 2/06-25-00-990-802 (Sheet 1 of 2)

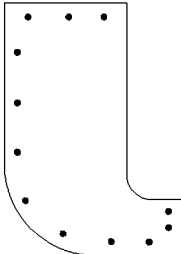
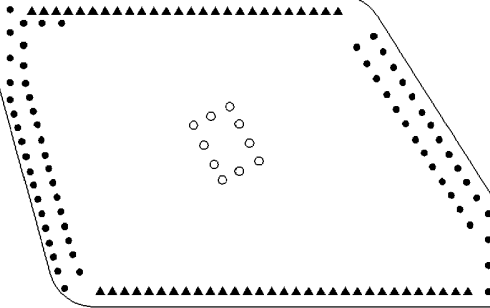
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3 3 3 3	6303C 6304C 6312C 6313C		▲ 68 NAS333CPA5 ● 67 NAS334CPA5-5 ○ 10 AN509-10R6



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**Doors - Access Symbol and Type Fastener
Figure 2/06-25-00-990-802 (Sheet 2 of 2)**

EFFECTIVITY
WJE 422, 424, 429

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AFT FUSELAGE AND VERTICAL EMPENNAGE ZONES - DESCRIPTION AND OPERATION

1. General

- A. Aft fuselage and vertical empennage zones (work area 6) encompasses the vertical stabilizer, tip, flight controls and aft fuselage from station 1419 to station 1633. Refer to Figure 1 for individual zone boundaries.

Table 1 Aft Fuselage and Vertical Empennage Zones - Work Area 6

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
6101A	Air Cond Pilot Pres Reg, Conditioned Air Check Valves, Cold Air Check Valves, Air Cond Water Separators, Water Separator Temp Control Valve, Water Separator Temp Control Thermostat, Ram Air Diverter Valve, Heat Exchanger Cooling Air Fans, Ram Air Valve (Right Side Only), Ground Air Cond Connector, Ground Air Cond Check Valve, Air Cond Pressure Valve, Air Cond Flow Control Valve, Supply Pressure Indicator and Transmitter, Cooling Turbine, Primary Heat Exchangers, Secondary Heat Exchangers, Air Cond Supply Temperature High Sensor, Air Cond Temperature Valve and Position Indicator, Augmentation Valve, Reference Pressure Regulator, Pneumatic Crossfeed Valve, Ice Protection Control Anticipator, Ice Protection Control Thermostat, Pneumatic Pressure Transmitter, Tail Compartment Overheat Sensor, Auxiliary Power Unit Check Valve, High Pressure Bleed Shutoff Temperature Sensor, Low Pressure Air Temperature Sensor, Ice Protection System Pressure Regulator and Shutoff Valve, Tail Ice Protection Shutoff Valve, Ice Protection High Pressure Switch, Ice Protection High Temperature Sensors, Ice Protection Low Temperature Sensors, Ice Protection Flow Limiting Venturi, Thrust Reverser Control Valve, Thrust Reverser Accumulator, Thrust Reverser Control Valve Sector, Engine Pressure Ratio (EPR) Transmitter, Rudder Power Shutoff, Rudder Power Actuator, Elevator Power Pressure Line Accumulator, Elevator Power Return Line Accumulator, Elevator Power Pressure Reducer and Bleed Valve, Elevator Return Relief Valve, Engine Driven Pump Relief Valve and Hydraulic Filters	29 x 30
6101A	Tail Cone and Aft Fuselage Interior	29 x 30
6102A	Elevator and Hydraulic Accumulator Dump Valve and Pressure Gage	6 x 7
6103A	Tailcone External Emergency Release Handle	5 x 5
6301A	Anti-icing Duct Connectors	6 x 6
6301B	Ram Air Duct and Dorsal Fin Structure	7 x 10
6303C	VOR Antenna	31 x 15
6304C	VOR Antenna	31 x 15

EFFECTIVITY

WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

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Table 1 Aft Fuselage and Vertical Empennage Zones - Work Area 6 (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
6305C	Anti-icing Duct Connectors	6 x 9
6306A	Horizontal Stabilizer Bearing	3 x 5
6307C	Anti-icing Duct Connectors	9 x 12
6308C	Horizontal Stabilizer Jack Screw Drive Motor, Upper End Jack Screw	18 x 24
6309A	Horizontal Stabilizer Bearing	3 x 5
6310A	Elevator Bellcrank and Upper Fairing	13 x 16
6312C	VOR Antenna	31 x 15
6313C	VOR Antenna	31 x 15
6315C	VOR Antenna Plug Connector	5 x 8
6317C	VOR Antenna Plug Connector	5 x 8
6319C	Pitot Tube Hose Attach	6 x 6
6401A	Lower End Horizontal Stabilizer Actuator - Left Side	8 x 7
6402A	Lower End Horizontal Stabilizer Actuator - Right Side	8 x 7
6403A	Upper Rudder Connecting Rod Bearing	5-3/4 Diameter
6404A	Control Cables	6 x 52
6405A	Control Cable Fair Leads	6 x 8
6406A	Control Cables	6 x 27
6407A	Control Cable Fair Leads	6 x 32
6408A	Control Cables	7 x 38
6409A	Vertical Stabilizer Aft Spar	4 x 5
6410A	Vertical Stabilizer Aft Spar	4 x 5
6502G	Rudder Removal, Torque Bearing, Leading Edge Structure and Lower Hinge (Composite Rudder)	20 x 14
6503G	Rudder Damper, Rudder Leading Edge and Structure (Composite Rudder)	2.75 x 7
6508G	Tab Bearing and Mechanism (Composite Rudder)	18 x 6
6509G	Rudder Damper, Rudder Leading Edge and Structure (Composite Rudder)	2.75 x 7
6510G	Rudder Damper and Rudder Leading Edge Structure (Composite Rudder)	2.75 x 7
6512G	Rudder Damper and Rudder Leading Edge Structure (Composite Rudder)	2.75 x 7
6513G	Rudder Bellcrank Fitting Barrel Nuts (Composite Rudder)	5 x 6

EFFECTIVITY

WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

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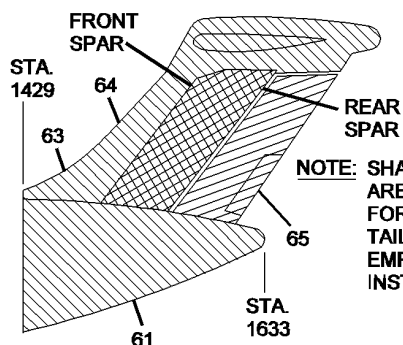
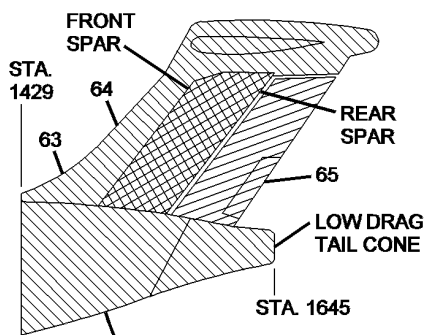
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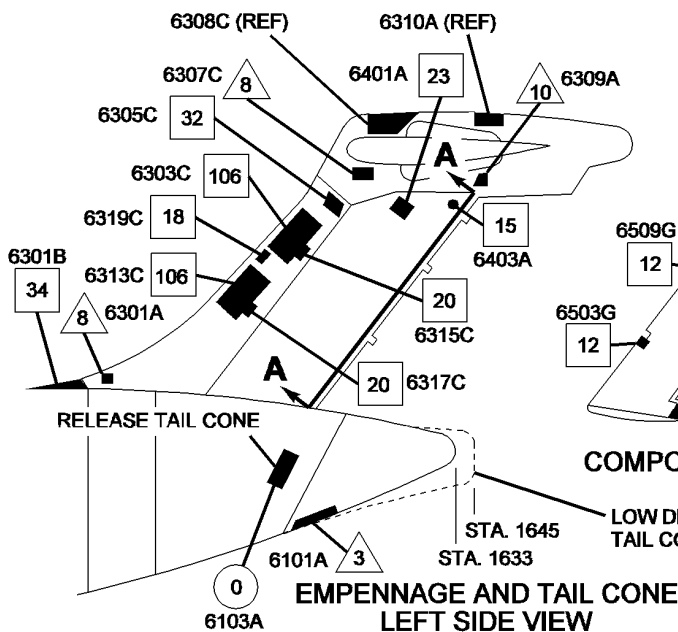
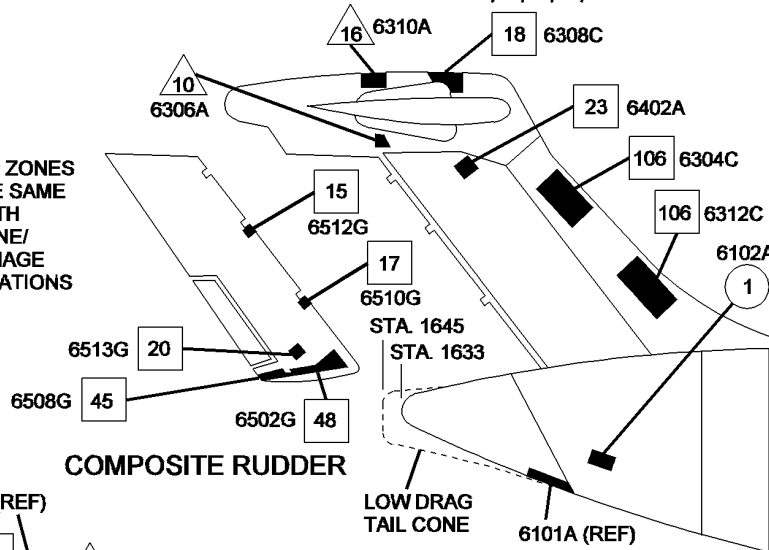


NOTE: SHADED ZONES ARE THE SAME FOR BOTH TAIL CONE/EMPENNAGE INSTALLATIONS

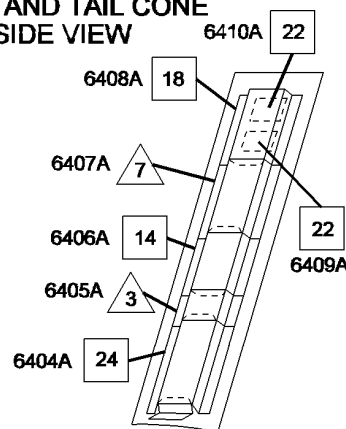
NOTE: ACCESS PANEL 6101A IS THE SAME FOR BOTH TAIL CONES

AREA	ZONE	ZONE DESCRIPTION
6	0	EXTERIOR SURFACES OF AFT FUSELAGE & VERTICAL EMPENNAGE
6	1	ALL UNPRESSURIZED AREA OF THE FUSELAGE FROM STA. 1429 TO STA. 1633
6	2	NOT USED FOR MAINTENANCE PLANNING
6	3	VERTICAL STABILIZER LEADING EDGE AND TIP FAIRING
6	4	VERTICAL STABILIZER INTER-SPAR BOX
6	5	RUDDER, TABS AND TRAILING EDGE STRUCTURE OF THE VERTICAL STABILIZER AFT OF THE REAR SPAR

LINE/DOCK WORK AREA 6 - ZONES 1, 2, 3, 4, & 5



EMPENNAGE AND TAIL CONE RIGHT SIDE VIEW



VIEW A VIEW LOOKING FORWARD AT STABILIZER REAR SPAR

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**Aft Fuselage and Vertical Empennage Zones - Work Area 6
Figure 1/06-25-00-990-805**

EFFECTIVITY

WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

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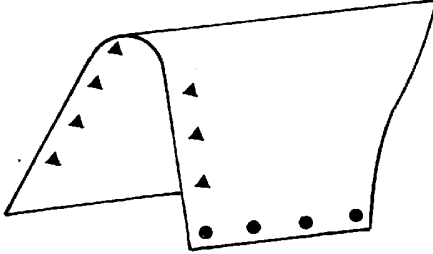
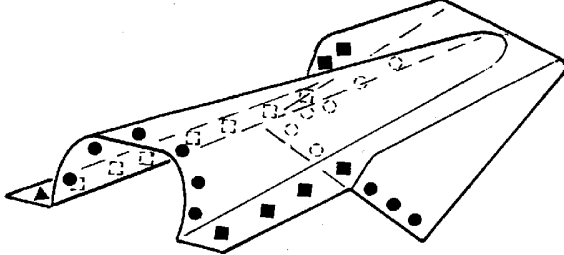
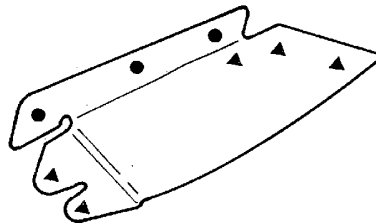
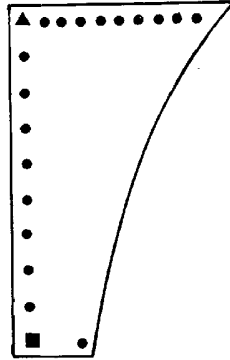
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Doors - Access Symbol and Type Fastener
Figure 2/06-25-00-990-806 (Sheet 1 of 3)

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WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

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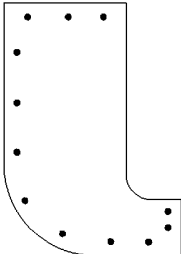
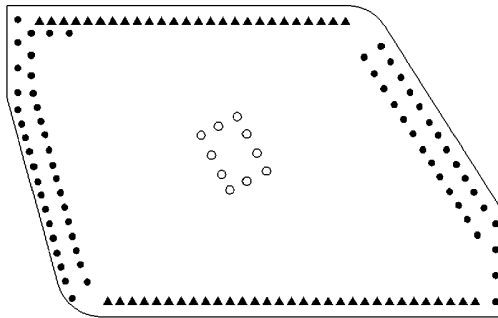
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**Doors - Access Symbol and Type Fastener
Figure 2/06-25-00-990-806 (Sheet 2 of 3)**

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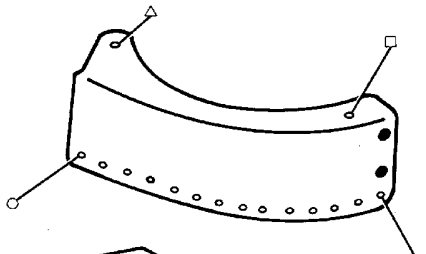
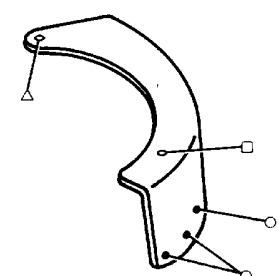
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4	6512G		
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4	6509A		

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Doors - Access Symbol and Type Fastener
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EFFECTIVITY

WJE 401-412, 414-421, 423, 425-427, 861-866, 868, 869, 871-881, 883, 884, 886, 887, 891-893

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MD-80 AIRCRAFT MAINTENANCE MANUAL

POWER PLANT ZONES - DESCRIPTION AND OPERATION

1. Description

- A. Power plant zones (work area 7) encompasses left and right power plant cowling including nose cowl, bullets, thrust reversers, and tail pipes. Refer to Figure 1 for individual zone boundaries.

Table 1 Power Plant Zones - Work Area 7

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
7305C	Inspection Nose Cowl Interior	6 x 9
7307C	Nose Cowl Anti Ice Ducts	6 x 12
7309C	Nose Cowl Anti Ice Ducts	6 x 12
7402C	Nose Cowl Anti Ice Ducts	6 x 12
7404C	Nose Cowl Anti Ice Ducts	6 x 12
7406C	Inspection Nose Cowl Interior	6 x 12
7507C	Aft Actuator Cylinder Fairing	12 x 60
7519C	Aft Actuator Cylinder Fairing	12 x 60
7606C	Actuator Cylinder Fairing	12 x 60
7618C	Actuator Cylinder Fairing	12 x 60
7703C	Oil Service Door and Sight Gage	7 x 17
7705C	Constant Speed Drive and CSD Oil Level Sight Gage	6 x 14
7707C	Starter Valve and Valve Manual Override	5 x 7
7709C	Blowout Door Cowling Press Relief	6 x 13
7711C	Blowout Door Cowling Press Relief	6 x 13
7804C	Oil Service Door and Sight Gage	7 x 17
7806C	Constant Speed Drive and CSD Oil Level Sight Gage	6 x 14
7808C	Starter Valve and Valve Manual Override	5 x 7
7810C	Blowout Door Cowling Press Relief	6 x 13
7812C	Blowout Door Cowling Press Relief	6 x 13
7303C	Nose Cowl Structure L.H. Engine	5 1/2 x 6 1/2
7306C	Nose Cowl Structure	5 1/2 x 6 1/2
7403C	Nose Cowl Structure R.H. Engine	5 1/2 x 6 1/2
7408C	Nose Cowl Structure	5 1/2 x 6 1/2
7521C	Thrust Reverser Actuator, L.H. Engine	5 x 19
7525C	Thrust Reverser Actuator, L.H. Engine	5 x 19
7626C	Thrust Reverser Actuator, L.H. Engine	5 x 19
7630C	Thrust Reverser Actuator, R.H. Engine	5 x 19

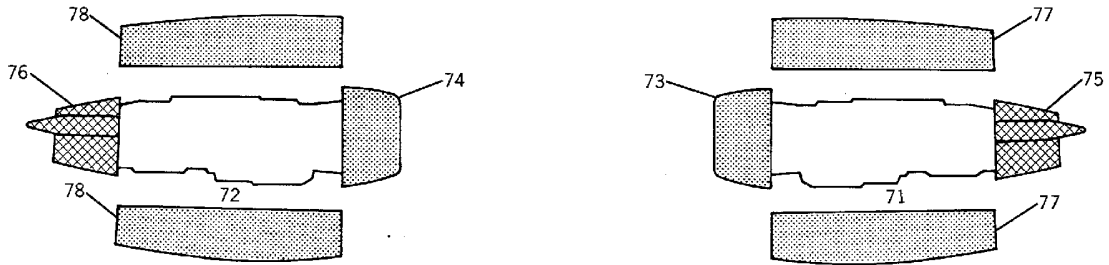
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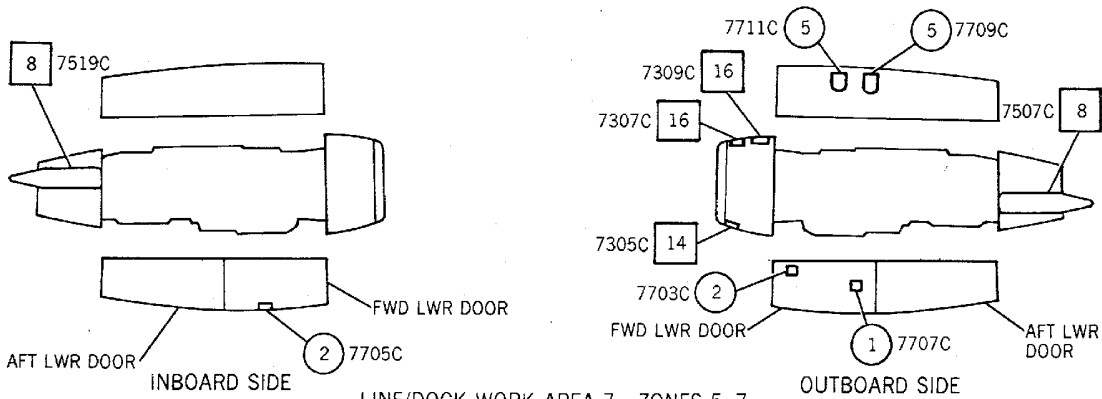
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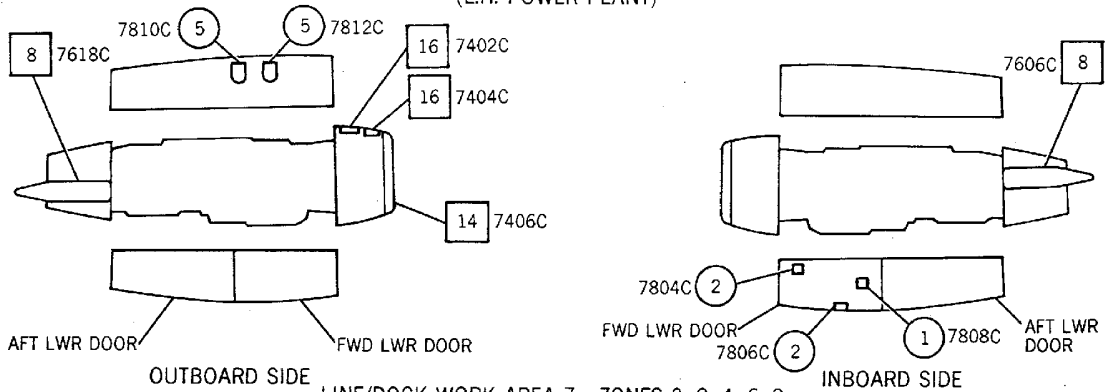


AREA	ZONE	ZONE DESCRIPTION
7	0	EXTERIOR SURFACES OF NACELLES (BOTH SIDES)
7	1	L.H. DEMOUNTABLE POWER PLANT (COMPLETE)
7	2	R.H. DEMOUNTABLE POWER PLANT (COMPLETE)
7	3	L.H. ENGINE NOSE COWL & BULLET
7	4	R.H. ENGINE NOSE COWL & BULLET
7	5	L.H. REVERSER & TAIL PIPE ASSY. (INTERCHANGEABLE TO R.H. SIDE)
7	6	R.H. REVERSER & TAIL PIPE ASSY. (INTERCHANGEABLE TO L.H. SIDE)
7	7	L.H. UPPER AND LOWER NACELLE DOORS (NOT OF DEMOUNTABLE POWER PLANT)
7	8	R.H. UPPER AND LOWER NACELLE DOORS (NOT OF DEMOUNTABLE POWER PLANT)

LINE/DOCK WORK AREA 7



LINE/DOCK WORK AREA 7 - ZONES 5, 7
(L.H. POWER PLANT)



LINE/DOCK WORK AREA 7 - ZONES 0, 2, 4, 6, 8
(R.H. POWER PLANT)

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Power Plant Zones - Work Area 7
Figure 1/06-26-00-990-801

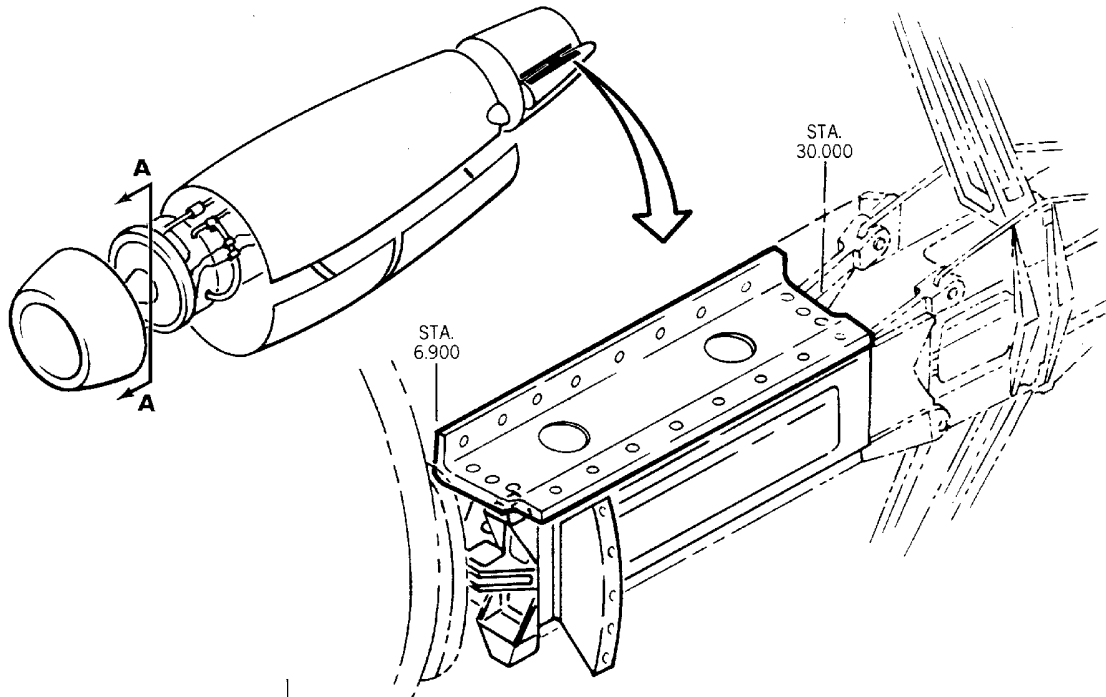
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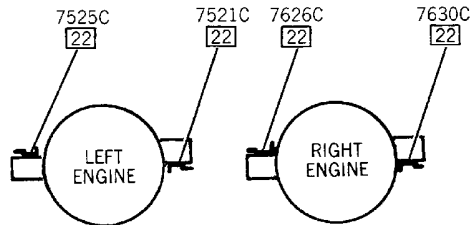
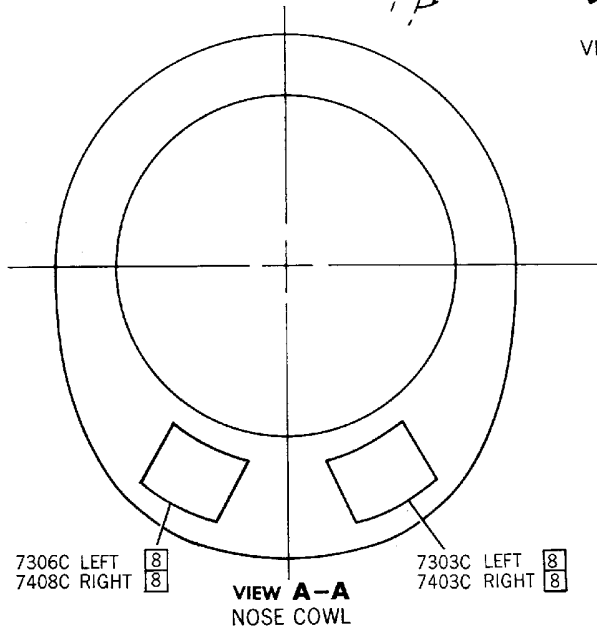
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AIRCRAFT MAINTENANCE MANUAL**

LINE/DOCK WORK AREA 7
L.H./R.H. (DEMOUNTABLE POWER PLANT)



VIEW LOOKING DOWN, LEFT ENGINE SHOWN
RIGHT ENGINE SAME



VIEW LOOKING FORWARD

BBB2-6-24B

**Power Plant and Thrust Reverser
Figure 2/06-26-00-990-802**

EFFECTIVITY
WJE ALL

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MD-80 AIRCRAFT MAINTENANCE MANUAL

PYLON AND APRON ZONES - DESCRIPTION AND OPERATION

1. General

- A. Pylon and apron zones (work area 8) encompass the left and right pylon and apron upper and lower surfaces. Refer to Figure 1 for individual zone boundaries.

Table 1 Pylon and Apron Zone - Work Area 8

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
8001C	Right Nose Cowl Attachment	5 X 11
8002C	Left Nose Cowl Attachment	5 X 11
8101C	Left Engine Fuel Lines and Pneumatic Ducts	6 X 8
8103C	Left Pylon Access Pneumatic Ducts (Center)	6 X 8
8105C	Left Engine Electrical Connection	7 X 12
8111C	Hydraulic Thrust Reverser Lines	4 X 23
8113C	Pylon Fairing Structure	7 X 9
8115C	Pylon Structure	9 X 30
8202C	Right Engine Fuel Lines and Pneumatic Ducts	6 X 8
8204C	Right Pylon Access Pneumatic Ducts (Center)	6 X 8
8206C	Right Pylon Electrical Connections	7 X 12
8212C	Hydraulic Thrust Reverser Lines	12 X 8
8214C	Pylon Fairing Structure	7 X 9
8216C	Pylon Structure	9 X 30

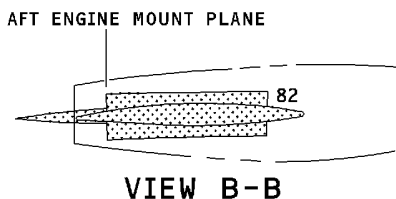
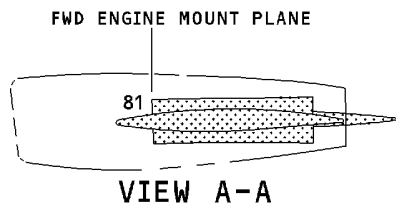
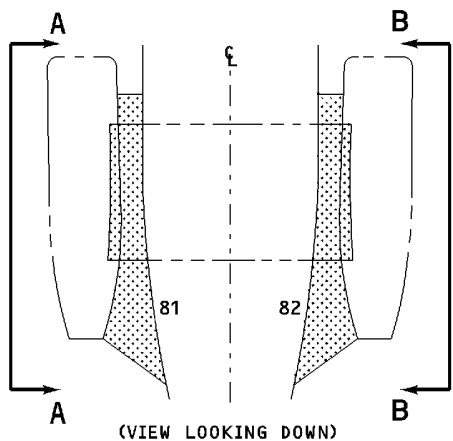
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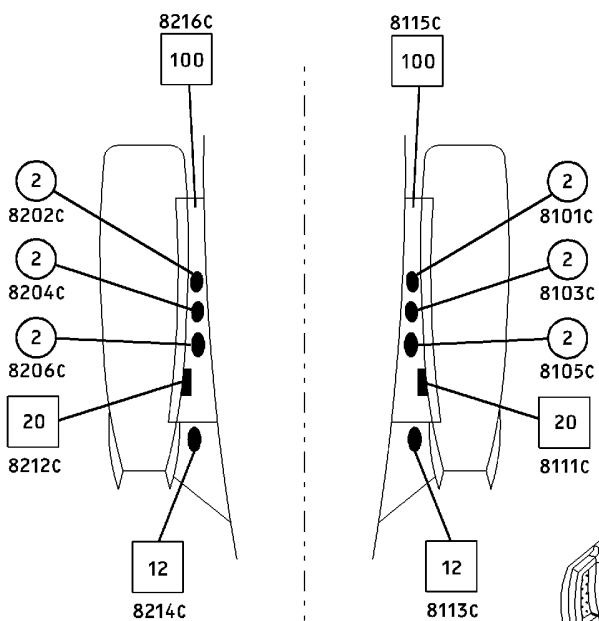
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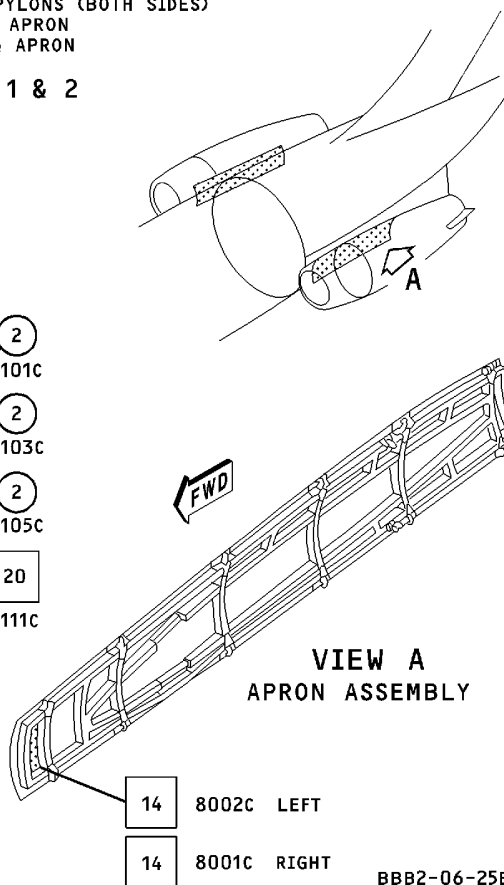
AREA	ZONE	ZONE DESCRIPTION
8	0	EXTERIOR SURFACES OF APRONS & PYLONS (BOTH SIDES)
8	1	LEFT ENGINE PYLON & APRON
8	2	RIGHT ENGINE PYLON & APRON

LINE/DOCK WORK 8 AREA-ZONES 1 & 2



ENGINE PYLONS & APRONS
(BOTTOM VIEW LOOKING UP)

CAG(IGDS)



Pylon and Apron Zones - Work Area 8
Figure 1/06-27-00-990-801

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INTERNAL ACCESS DOORS - DESCRIPTION AND OPERATION

1. General

- A. The figures and access data in this section define, locate, and identify the access doors and panels in the interior of the airplane fuselage. Doors and panels are numbered within work areas and zones as described in PAGEBLOCK 06-20-00/001. For consistency, the word door is used throughout this section and can apply to panels, openings, inspection places, or access doors.
- B. The information as presented, starts with the access doors and panel in the interior of the nose section, including the flight compartment, the electrical/electronics compartment, and progresses through the passenger compartment to the aft pressure bulkhead.

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INTERNAL ACCESS DOORS - DESCRIPTION AND OPERATION

1. General

- A. This section depicts the internal access doors by zones within work areas 4 and 5, which includes the flight compartment, electronics and electrical compartment, and the entire inside of the fuselage including lower cargo compartments.

Table 1 Internal Access Doors - Flight Compartment

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
4403A	Electrical Wiring and Oxygen Piping	20 x 18
4405A	Oxygen Piping and Electrical Wiring	17 x 12
4407C	Circuit Breakers for Instrument White Lights (Pilot Only)	3 x 4
4408A	Emergency Landing Gear Handle	14 x 9
4409A	Captain's Trash Container	7 x 11
4410C	First Officer's Rudder Pedals Mechanism and Control Cables	12 x 22
4411A	Captain's Control Column Mechanism and Control Cables	14 x 4
4412A	First Officer's Control Column Mechanism and Control Cables	14 x 6
4413A	Captain's Control Column Mechanism and Control Cables	14 x 6
4414A	First Officer's Control Column Mechanism and Control Cables	14 x 6
4415A	Captain's Rudder Pedals Mechanism and Control Cables	22 x 27
4416A	First Officer's Control Column Mechanism and Control Cables	14 x 4
4417A	Captain's Control Column Mechanism and Control Cables	14 x 6
4418A	First Officer's Trash Container	7 x 11
4419A	Captain's Control Column Mechanism and Control Cables	14 x 9
4420A	Oxygen Piping and Electrical Wiring	17 x 12
4422A	Electrical Wiring and Oxygen Piping	20 x 18
4427A	Miscellaneous Equipment Compartment (First Officer's)	14 x 20
4428A	Captain's Escape Rope Stowage	10 x 10
4429A	First Officer's Escape Rope Stowage	10 x 10
4430C	Circuit Breaker First Officer	3 x 4
4431C	Cockpit Brief Case Stowage, and Transformer LH	22 x 11
4432A	Maximum Speed Sensor, Electrical Connector, Static Line B-nuts, Rain Repellent Supply Bottles, and Elevator Load Feel Bungee Mechanism	22 x 11
4433C	Circuit Breaker	9 x 12
4434C	Elevator Load Feel Bungee	15 x 22

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Table 1 Internal Access Doors - Flight Compartment (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
4435A	Captain's Rudder Pedals, Mechanism and Control Cables	14 x 16
4436A	First Officer's Rudder Pedals, Mechanism and Control Cables	14 x 14
4437A	Electrical Wiring	12 x 12
4480	Electrical Wiring and Phone Jack	7 x 8
4481	Electrical Wiring	9 x 24
4482	Electrical Wiring	9 x 24
4483	Electrical Wiring and Smoke Duct	18 x 19
4484	Electrical Wiring and Smoke Duct	18 x 19

Table 2 Internal Access Doors - Forward Fuselage

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
4201A	Forward Side of Instrument Panel, Control Columns and Control Cables	24 x 32
4302A	Forward Accessory Compartment: Directional Gyros, Vertical Gyros, Inverter, Transformer Rectifier, Radar Receiver / Transmitter Terminal Strips, Reverse Current Relays and Opening to Forward Side of Instrument Panel	20 x 24
4421C	Radio Compartment (Emergency Access)	14 x 20
4423A	Aircraft Ground Service Tie Relay, Left / Center/Right Windshield Heat Transformers, Ground Service Auxiliary Power Relay, Auxiliary Hydraulic Pump (Right) Relay and Battery Charger Transformer	17 x 38
4425A	Left Auxiliary Power Relay, Auxiliary Power Unit Voltmeter, Circuit Breaker (1/2 amp), Right Auxiliary Power Relay	12 x 21
4601A	Electrical Power Panel and Terminal Strips	24 x 40
4603A	Electrical Power Panel and Following Relays: Right External Power Left External Power Left Generator Right Generator	30 x 32
5102A	Elevator Servo and Force Limiter, EGT Balancing Resistors, Horizontal Stabilizer Position Sensor	23 x 8 x 22
WJE 422		
5103C	Cabin Pressure Relief Valves	19 x 25
WJE 420, 424, 429, 891		
5103C	Cabin Pressure Relief Valves, Overheat (Duct Rupture) Sensor	19 x 25

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WJE 420, 422, 424, 429, 891

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WJE 420, 424, 429, 891 (Continued)

Table 2 Internal Access Doors - Forward Fuselage (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
WJE 420, 422, 424, 429, 891		
5104A	Horizontal Stabilizer Switch Controls, Cables, Wiring, Trim Switch, Relays, and Associated Components	19 x 25
5105C	Radio Rack Blower Vent Valve, Air-Conditioning Duct Connectors, Wire Bundles and Pneumatic Lines, Check Valve	19 x 25
5107C	Fuel System - Standard Electronic Module (SEM) Installation, Accelerometer, Dual Slat Drive Mechanism (Entire bulkhead may be removed for access)	21 x 20
5113A	Cargo Compartment Door Warning Switch	3 x 4
5121A	Alternate Static Port - Left Side	8 x 6
5122A	Alternate Static Port - Right Side	8 x 6
5123A	Static Port - Left Side	8 x 6
5124A	Static Port - Right Side	8 x 6
5127C	Strake Duct Connector, Temperature Sensor	21 x 25
5128C	Flap to Servo Mechanical Turnbuckle Valve, Avionics Forward Cooling Fan, Pressure Switch Water Drain Valve	19 x 26
5129C	Radio Altimeter Transceiver, Installation and Removal	22 x 25
5130C	Flap to Servo Mechanical Turnbuckle Valve, Avionics	19 x 26
5131C	Air Conditioning Pack Shut-Down Pressure Switches	19 x 25
5132C	Animal Compartment Thermostat	4 3/8 Diameter
5133C	Cargo Compartment Heating Fan	19 x 25
5134C	Check Valve for Cooling Fan	19 x 26
5135C	Potable Water Service Panel	25 x 39
WJE 422		
5136C	Drain Valve, Valve-Set, System Fill, Air Filter, Probe, Water Tank	17 x 26
WJE 420, 422, 424, 429, 891		
5137C	Strake Duct Sensor, Overheat (Duct Rupture) Sensor	19 x 25
5138C	Hydraulic Installations, Control Installations, Slat Drive Mechanism (Entire bulkhead may be removed for access to Slat Drive Mechanism)	21 x 20
5139C	Strake Duct Sensor, Temp Sensor	19 x 25
5141C	Transformer & Relay Panel	25 x 38
5143C	Cabin Pressure Relief Valves, Strake Overheat Sensor	19 x 25
5145C	Strake Duct Connector	19 x 25

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WJE 420, 422, 424, 429, 891

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Table 2 Internal Access Doors - Forward Fuselage (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5147C	Radio Rack Blower Vent Valve, Air Conditioning Duct Connectors, Wire Bundles and Interphone Jack Connectors, Check Valve, Venturi Valve, Electrical Disconnect	19 x 25
5148C	Cargo Compartment Door Warning Switch	3 x 4
WJE 420, 424, 429, 891		
5180D	Drain Valve, Valve Set, System Fill, Air Filter, Probe, Water Tank	17 x 26
WJE 420, 422, 424, 429, 891		
5805C	Air Conditioning Ducts and Associated Components and Wiring Conduits, Battery Power Supply, Air Duct Connectors, Passenger Light Circuit Breakers, Electrical Wiring Connectors and Differential Pressure Control Regulator	20 x 30
WJE 420, 424, 429, 891		
58101C	GNSSU Access Door	20 x 24
WJE 420, 422, 424, 429, 891		

Table 3 Internal Access Doors - Aft Fuselage

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5703C	Lower Side Aft Pressure Bulkhead, Waste Water Drain Connections, Pressure Bulkhead Differential Flapper Valves and Structural Inspection for Pressure Bulkhead Below Floor	35 x 39
5704C	Cabin Outflow Valve Actuator, Waste Water Drain Connectors, Fuel Line Connectors and Electrical Conduits, Overheat (Duct Rupture) Sensor	19 x 24
5707A	Cargo Compartment Door Warning Switch	3 x 4
5714C	Cabin Pressurization Butterfly Valve Electrical Disconnect	23 x 25
5715C	LH Throttle Bellcrank, Pressurization Outflow Valve	21 x 23
5716C	Flight Recorder and Cockpit Voice Recorder (Located between Y1231 and Y1250)	20 x 26
5717C	Potable Water Drain Valve, RH Throttle Bellcrank	8 1/2 Diameter
5718C	Recirculation Fan, RH Pneumatic Crossfeed Valve	34 x 38
5807A	Rudder/Elevator Control Cables	3 x 43
5808C	Main Landing Gear Periscope	4 x 6
5809C	Above Ceiling Access	20 x 36
5810C	Above Ceiling Access - Galley	22 x 34

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Table 3 Internal Access Doors - Aft Fuselage (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5811A	Engine Mount Structure - Left Side	14 x 14
5812A	Engine Mount Structure - Right Side	14 x 14
5813C	Fuel Line Bubble Pipe - Left Side	7 x 7
5814C	Fuel Line Bubble Pipe - Right Side	7 x 7
5815C	Fuel Line Bubble Pipe through Door 5813C	5 x 7
5816C	Fuel Line Bubble Pipe through Door 5814C	5 x 7
5819C	Aft Cargo Compartment	20 x 22
5823C	Temperature Sensor	28 x 30
5824C	Overhead Rotating Warning Beacon and Reading Light Circuits	28 x 30
5907A	Generator, ac (Generator Removal and Installation Only)	7-1/2 Diameter
5908A	APU Hoist Clevis	5 Diameter
5910A	Water Separator, Water, Separator Temperature Control and Thermostat	32 x 10
5911A	Flow Control Valve, Air-conditioning Pressure Regulator Valve, Augmentation Valve, Pilot Pressure Regulator, (RH Pneumatic System Valves), Rudder Hydraulic Power Shutoff Valve	38 x 28
5912C	Stair Operating Handle	9 x 12
5913A	Area Between Aft Pressure Bulkhead and Forward Side of APU Enclosure	3 x 5
5914A	Area Between Aft Pressure Bulkhead and Forward Side of APU Enclosure	3 x 5
5915A	Area Between Aft Pressure Bulkhead and Forward Side of APU Enclosure	3 x 5
5916A	Area Between Aft Pressure Bulkhead and Forward Side of APU Enclosure	3 x 5
5918A	Flow Control Valve, Air-conditioning Pressure Regulator Valve, Augmentation Valve, Pilot Pressure Regulator, (LH Pneumatic System Valves), Rudder Hydraulic Power Shutoff Valve	38 x 28

Table 4 Internal Access Doors - Radio/Electrical Equipment Compartment

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
4508A	Airstair Carriage Motor and Actuator	14" diameter
4509A	Pilot's Yoke	10 x 15
4510A	Mach Pitch Trim Actuator Mechanism, Electrical Connector, Control Cables, and Elevator Variable Load Feel Mechanism	10 x 25

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WJE 420, 422, 424, 429, 891

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Table 4 Internal Access Doors - Radio/Electrical Equipment Compartment (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
4511A	Mach Pitch Trim Actuator Mechanism Electrical Connector, Control Cables, and Elevator Variable Load Feel Mechanism	10 x 25

Table 5 Internal Access Doors - Forward and Mid Cargo Compartments

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5102A	Elevator Servo Assembly & Force Limiter, Horizontal Stabilizer Position Sensor	23 x 8 x 22
5149C	Accelerometer, Fuselage Structure, Electrical Installations	18 x 38
5150C	Fuselage Structure	18 x 71
5151C	Control Cables, Fuselage Structure	36 x 95
5152C	Fuselage Structure, Electrical Installations	18 x 95
5153C	Fuselage Structure	18 x 57
5154C	Control Cables, Fuselage Structure	36 x 57
5155C	Fuselage Structure	18 x 95
5156C	Control Cables, Fuselage Structure	42 x 57
5157C	Electrical Installations, Fuselage Structure	18 x 19
5158C	Electrical Installations, Fuselage Structure	18 x 19
5159C	Electrical Installations, Fuselage Structure	18 x 19
5160C	Electrical Installations, Fuselage Structure	18 x 57
5161C	Control Cables, Fuselage Structure	36 x 57
5162C	Fuselage Structure	18 x 95
5163C	Control Cables, Fuselage Structure	36 x 57
5164C	Fuselage Structure	18 x 57
5165C	Electrical Installations, Fuselage Structure	18 x 76
5166C	Control Cables, Fuselage Structure	36 x 38
5167C	Fuselage Structure	18 x 38
5168C	Control Cables, Fuselage Structure	36 x 57
5169C	Fuselage Structure	18 x 57
5170C	Electrical Installations, Fuselage Structure	18 x 95
5171C	Control Cables, Fuselage Structure	42 x 57
5172C	Electrical Installations, Fuselage Structure	18 x 19
5173C	Electrical Installations, Fuselage Structure	18 x 19
5174C	Electrical Installations, Fuselage Structure	18 x 19
5175C	Control Cables, Fuselage Structure	36 x 57

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Table 5 Internal Access Doors - Forward and Mid Cargo Compartments (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5176C	Fuselage Structure	18 x 57
5177C	Electrical Installations, Fuselage Structure	18 x 76
5178C	Control Cables, Fuselage Structure	28 x 34
5179C	Fuselage Structure	28 x 17

Table 6 Internal Access Doors - Aft Cargo Compartment

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5719C	Emergency Light (Exterior) Battery Pack	19 x 12
5722C	Control Cables, Fuselage Structure	36 x 92
5723C	Fuselage Structure	18 x 92
5724C	Electrical Installations, Fuselage Structure	18 x 130
5725C	Fuselage Structure	18 x 57
5726C	Rudder Servo, Fuselage Structure, Control Cables	36 x 57
5727C	Electrical Installations, Fuselage Structure	18 x 19
5728C	Electrical Installations, Fuselage Structure	18 x 19
5729C	Electrical Installations, Fuselage Structure	18 x 19
5730C	Control Cables, Fuselage Structure	42 x 57
5731C	Electrical Installations, Fuselage Structure	18 x 95
5732C	Control Cables, Fuselage Structure	36 x 95
5733C	RH Throttle Bellcrank, Fuselage Structure	18 x 95
5734C	LH Throttle Bellcrank, Electrical Installations, Fuselage Structure	18 x 76
5735C	Fuselage Structure	13 x 51

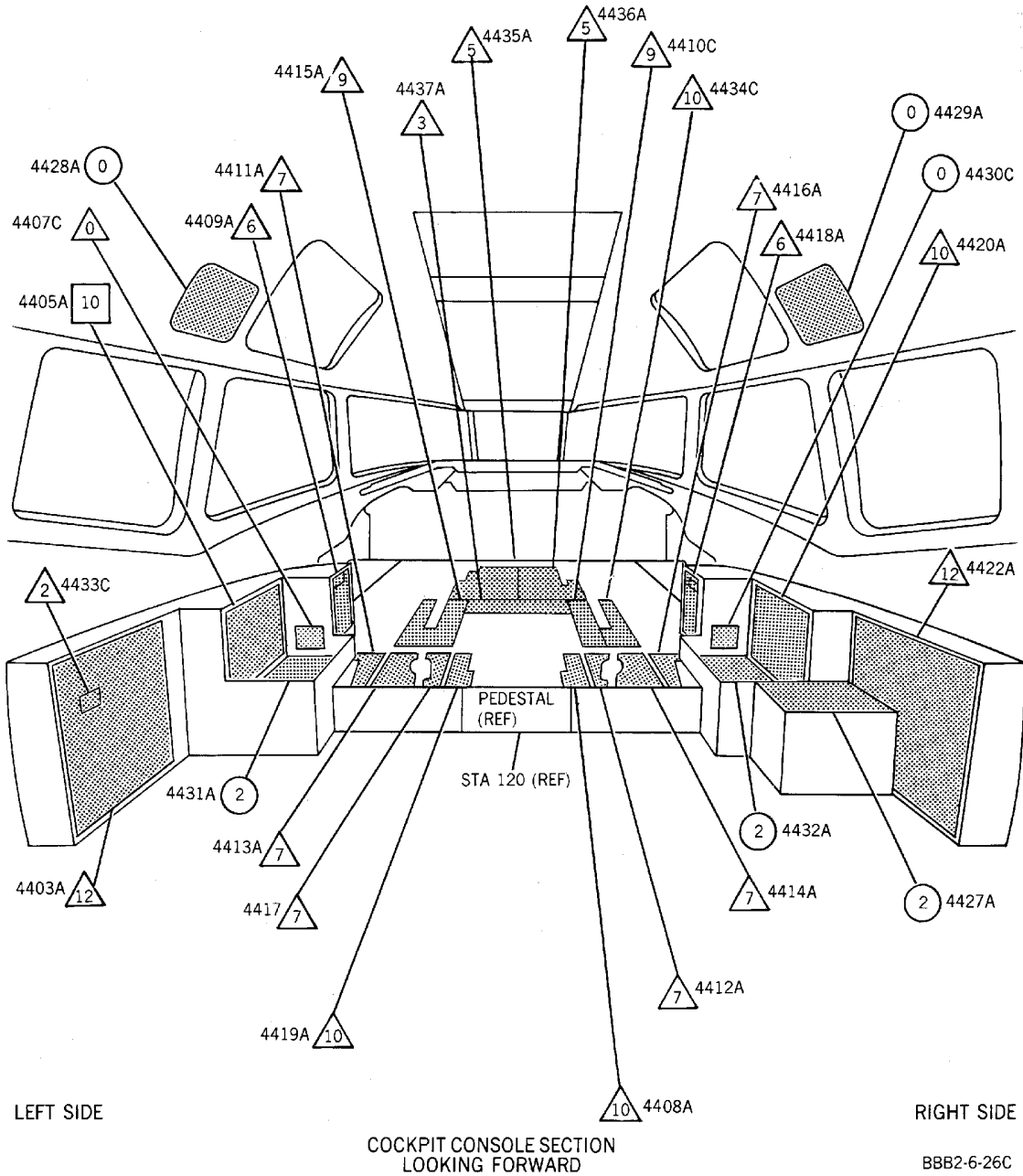
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Internal Access Doors - Flight Compartment
Figure 1/06-31-00-990-801

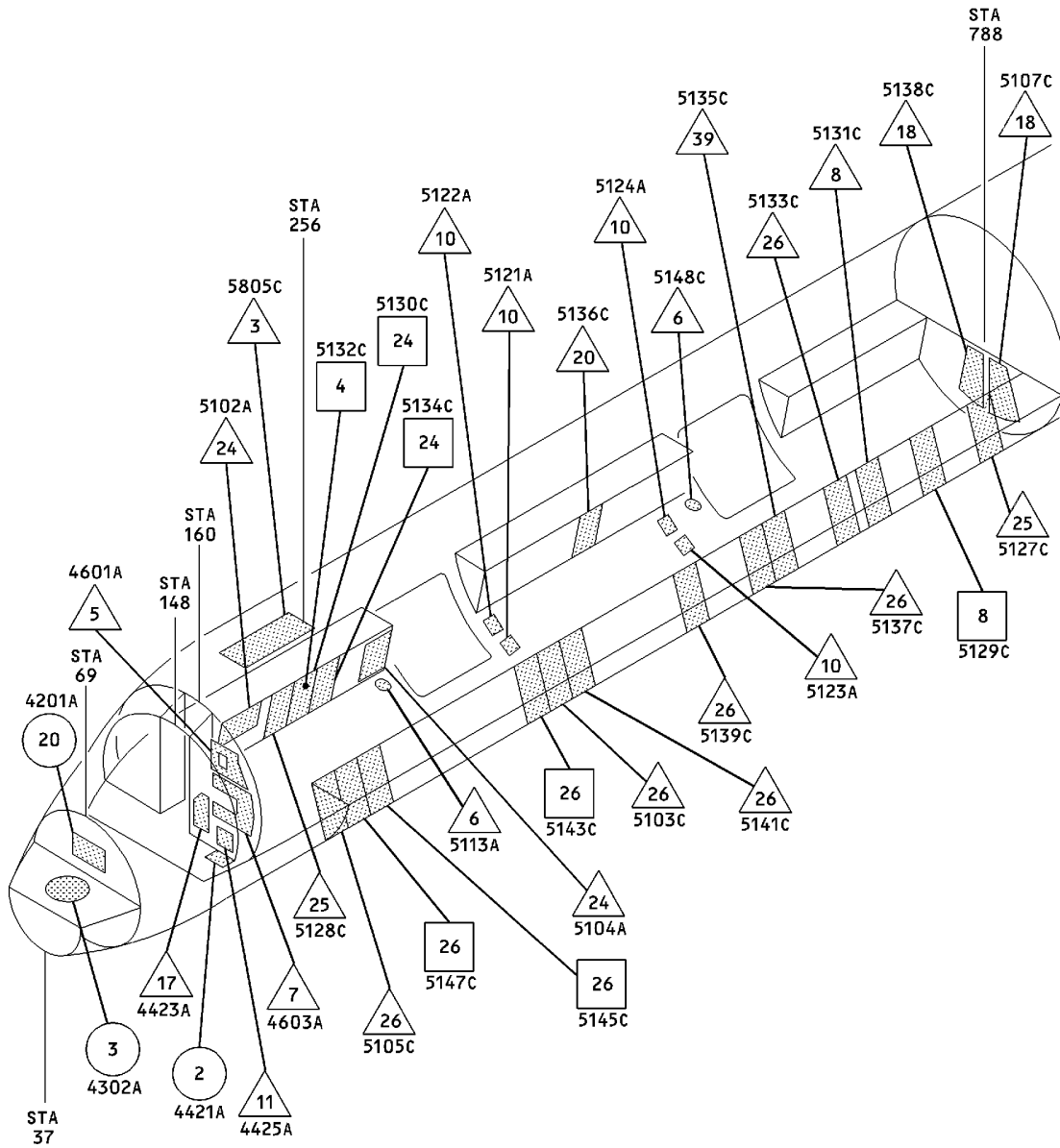
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Internal Access Doors - Forward Fuselage
Figure 2/06-31-00-990-802 (Sheet 1 of 2)

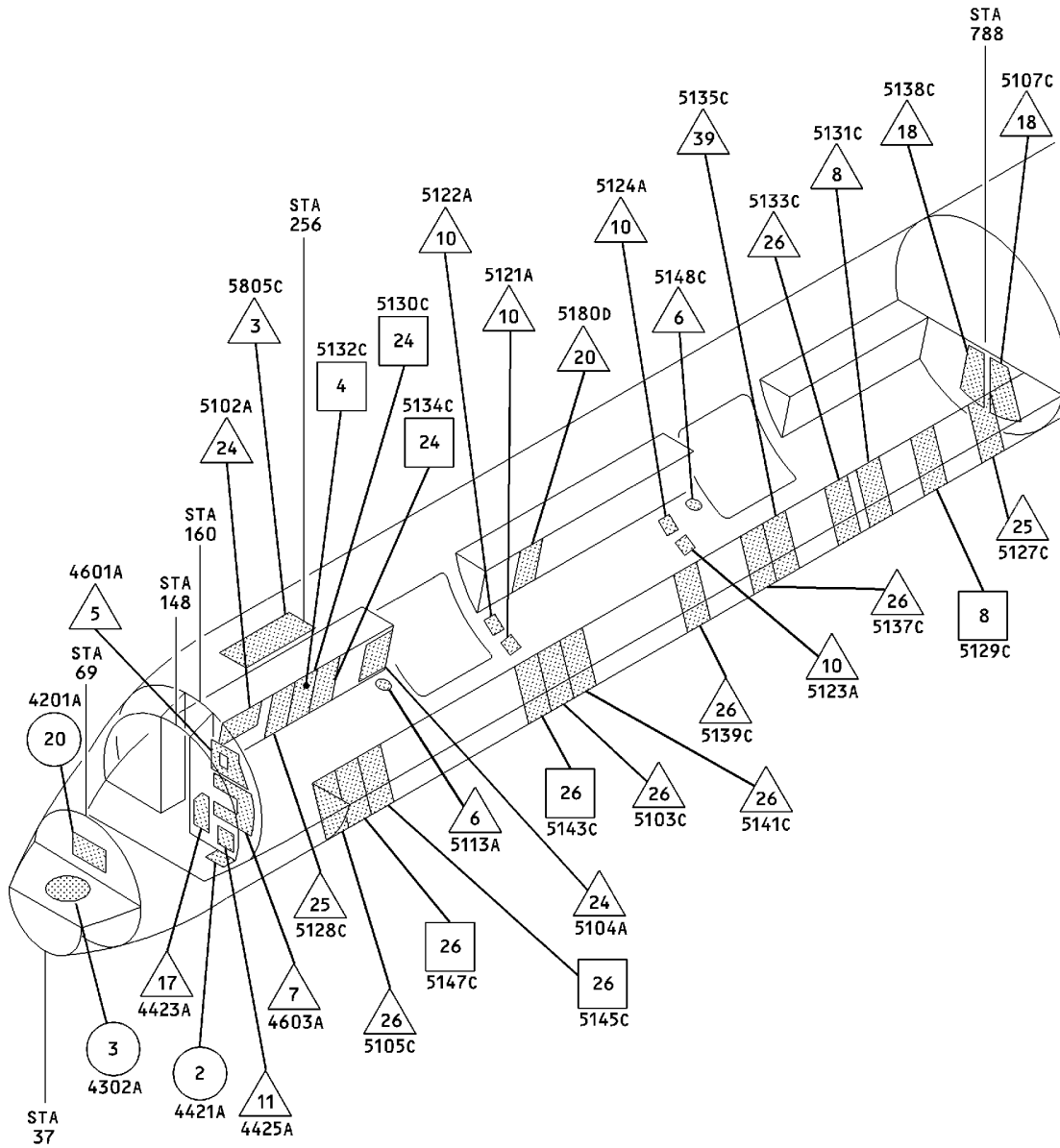
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**Internal Access Doors - Forward Fuselage
Figure 2/06-31-00-990-802 (Sheet 2 of 2)**

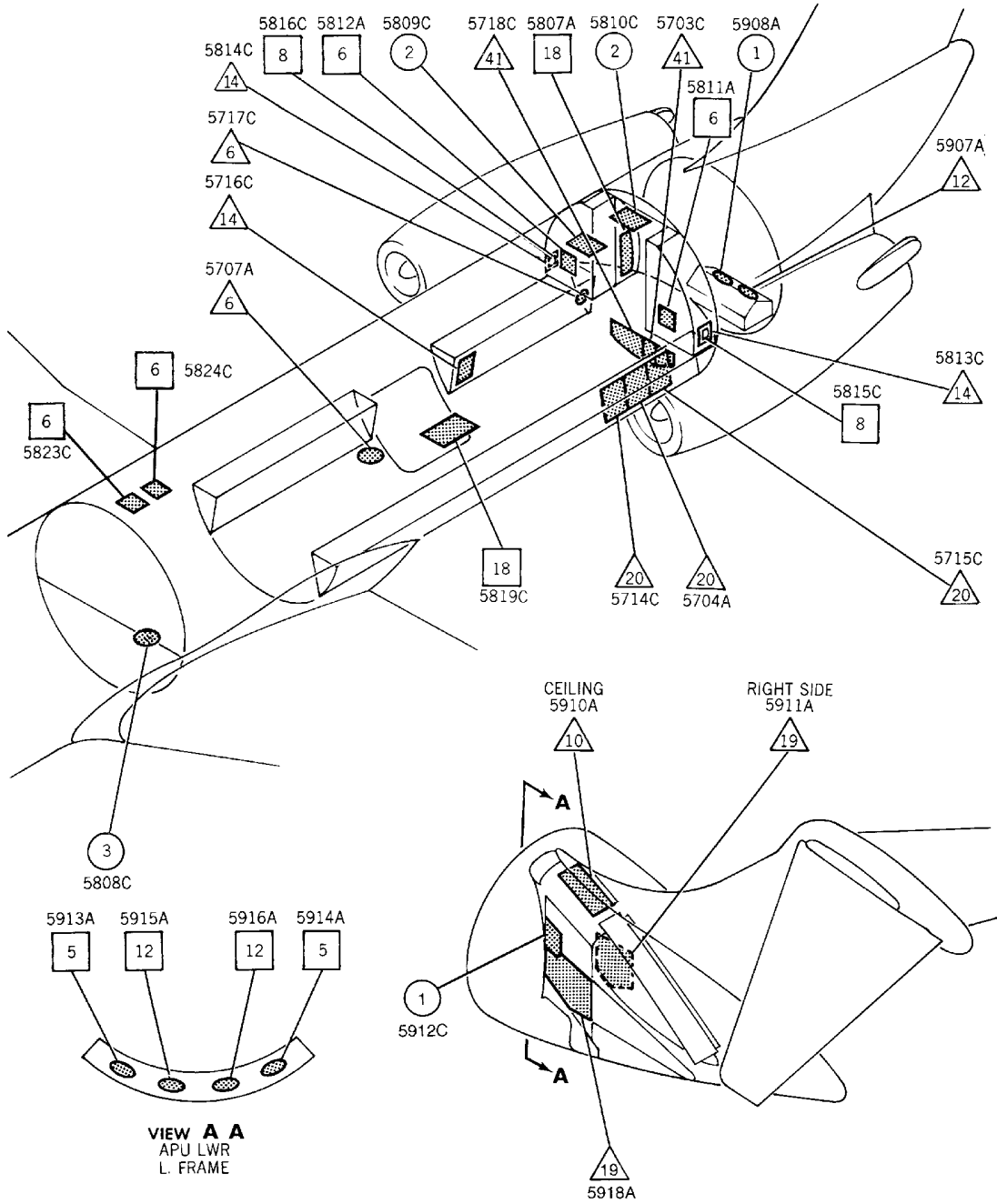
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**Internal Access Doors - Aft Fuselage
Figure 3/06-31-00-990-803**

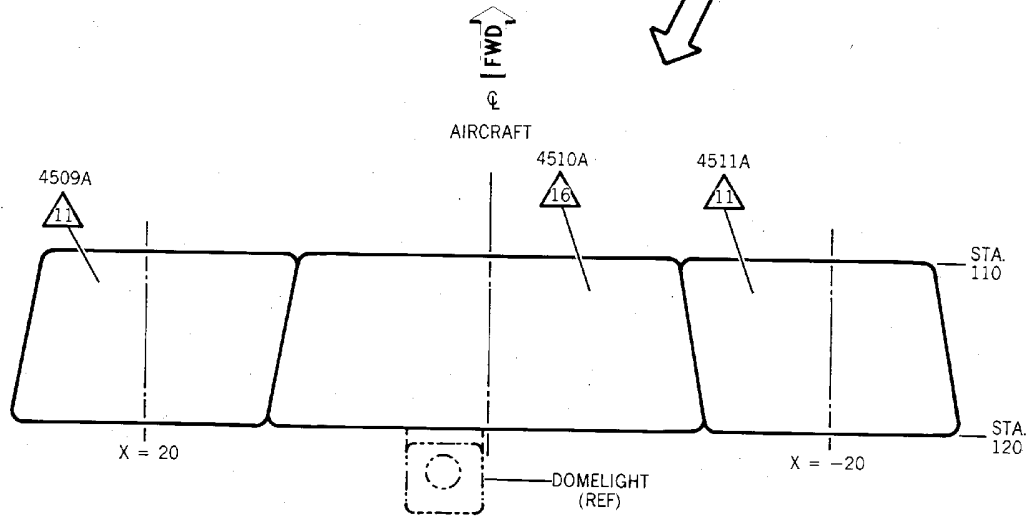
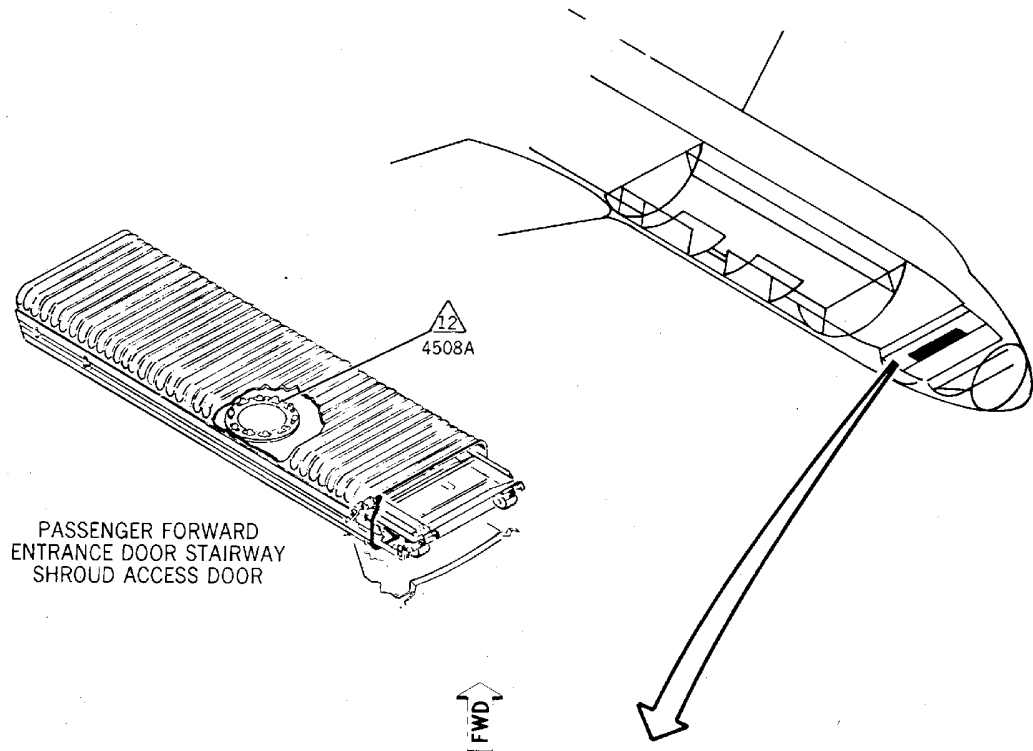
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VIEW LOOKING DOWN AT Z = -10
HEAT DIVERTER INSTALLATION
E/E COMPARTMENT

BBB2-6-29A

**Internal Access Doors - Radio/Electrical Equipment Compartment
Figure 4/06-31-00-990-804**

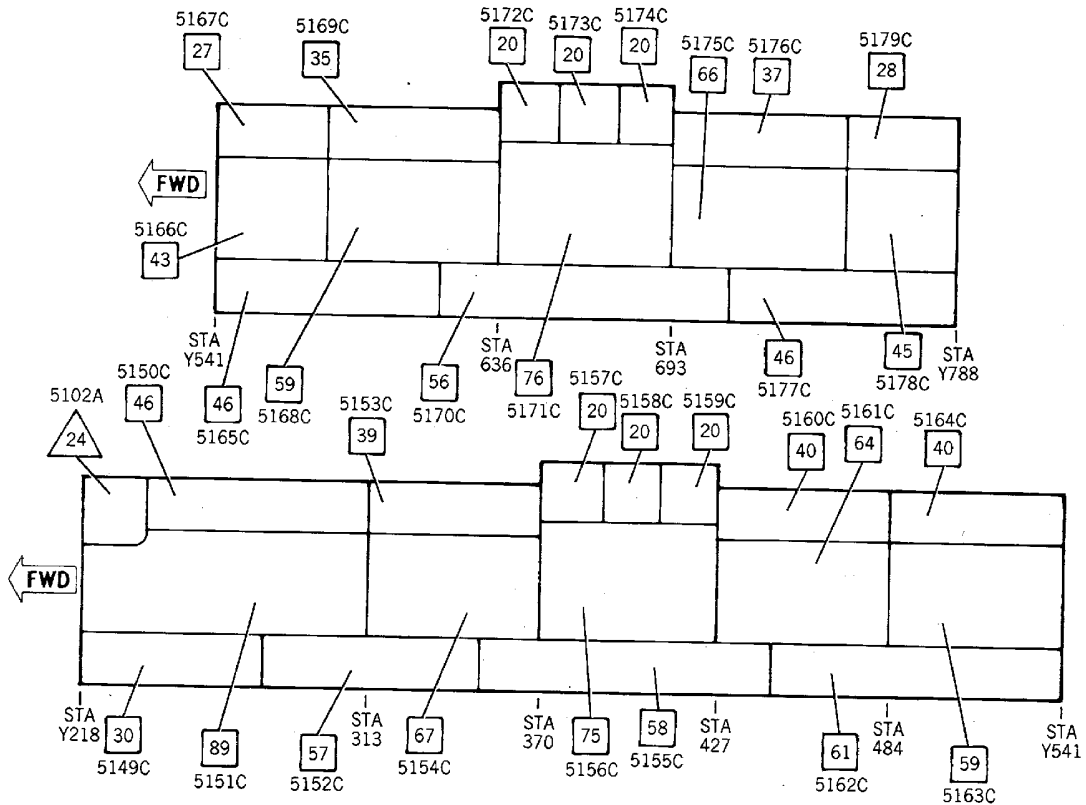
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CEILING LOOKING DOWN

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Internal Access Doors - Forward and Mid Cargo Compartments
Figure 5/06-31-00-990-805

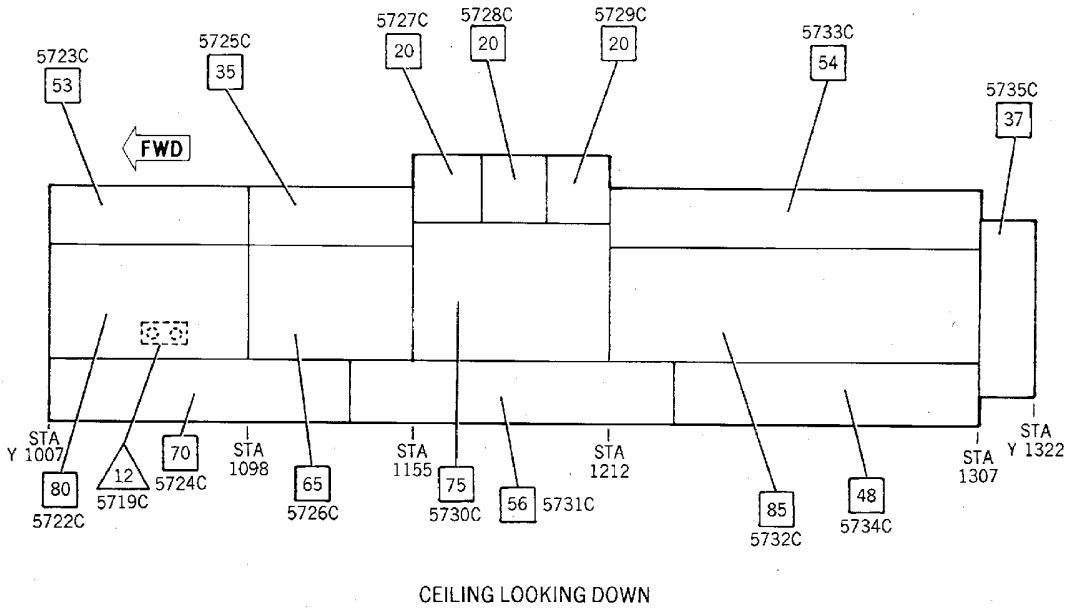
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**Internal Access Doors - Aft Cargo Compartment
Figure 6/06-31-00-990-806**

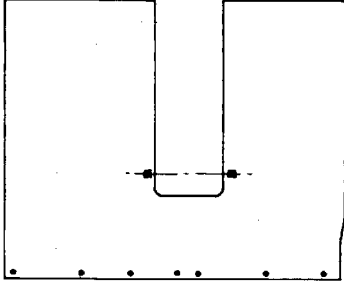
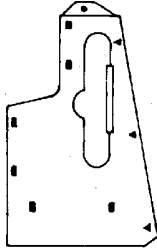
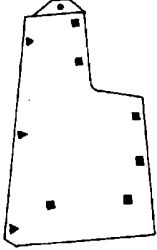

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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER
3	4415A		<ul style="list-style-type: none"> ● 7 NAS1203-2 ■ 2 NAS1203-17
3	4408A		<ul style="list-style-type: none"> ■ 6 NAS1203-17 ▲ 3 NAS1203-3 ■ 1 NAS1203-2
3	4419A		<ul style="list-style-type: none"> ■ 6 NAS1203-17 ▲ 3 NAS1203-3 ● 1 NAS1203-2
3	4412A 4417A		<ul style="list-style-type: none"> ■ 2 NAS1203-17 ▲ 3 NAS1203-3 ● 2 NAS1203-2

BBB2-6-31A

Internal Access Doors - Access Symbol and Type Fastener
Figure 7/06-31-00-990-807 (Sheet 1 of 6)

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3	4414A		▲ 3 NAS1203-3
			● 2 NAS1203-2
3	4411A		■ 2 NAS1203-17
3	4416A		▲ 3 NAS1203-3
			● 2 NAS1203-2
5	4601A		▲ 3 4002-7
			⊘ 2 4002-20
5	4603A		▲ 4 4002-7
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Internal Access Doors - Access Symbol and Type Fastener
Figure 7/06-31-00-990-807 (Sheet 2 of 6)

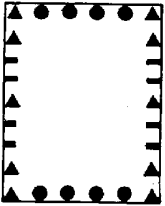
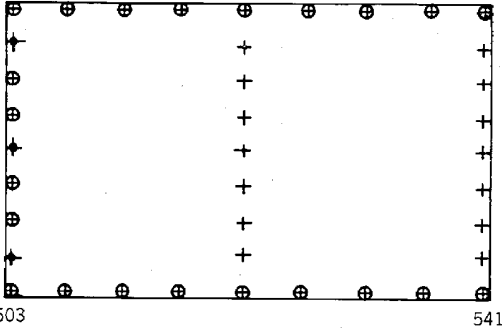
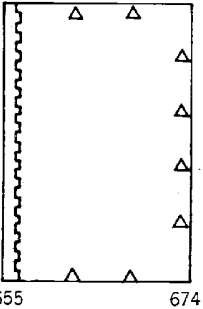
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WJE 420, 422, 424, 429, 891

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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER
5 5 5 5 5 5 5	5104A 5127C 5128C 5131C 5133C 5137C 5139C		<ul style="list-style-type: none"> ▲ 10 2600-9 ● 8 2600-6 ■ 8 2600-8
6	5135C		<ul style="list-style-type: none"> +14 NAS333CPA4 ⊕22 NAS333CPA5 + 3 NAS333CPA4-5
5	5129C		<ul style="list-style-type: none"> △ 8-2600-11

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Internal Access Doors - Access Symbol and Type Fastener
Figure 7/06-31-00-990-807 (Sheet 3 of 6)

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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER	
5	5103C		<ul style="list-style-type: none"> ● 28 2600-6 ■ 1 2600-7 — 16 2600-8 ▲ 15 2600-9 	
5	5141C			<ul style="list-style-type: none"> ● 32 2600-6 ■ 6 2600-7 — 17 2600-8 ▲ 5 2600-9
5	5143C			
5	5105C			
5	5145C			
5	5147C			
3	4410C			
3	4434C			

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Internal Access Doors - Access Symbol and Type Fastener
Figure 7/06-31-00-990-807 (Sheet 4 of 6)

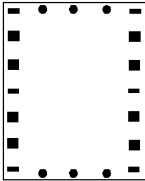
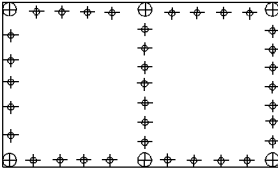
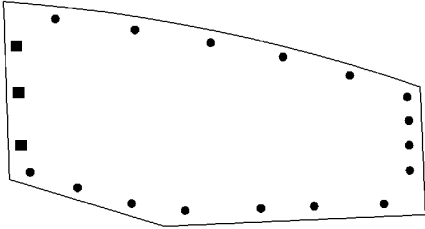
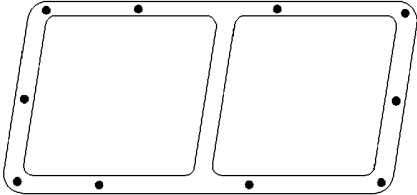
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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOLS & TYPE FASTENER
8 8 8	5704C 5714C 5715C		<ul style="list-style-type: none"> ● 6-2600-6 ■ 8-2600-7 - 6-2600-8
5 5	5130C 5134C		<ul style="list-style-type: none"> ⊕ 6 NAS333CPA5 + 35 NAS333CPA4-5
8 8	5911A 5918A		<ul style="list-style-type: none"> ■ 3-27S3-21 ● 16-27S3-20
8	5910A		<ul style="list-style-type: none"> ● 10-27S3-20

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Internal Access Doors - Access Symbol and Type Fastener
Figure 7/06-31-00-990-807 (Sheet 5 of 6)

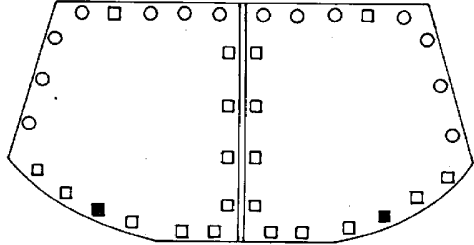
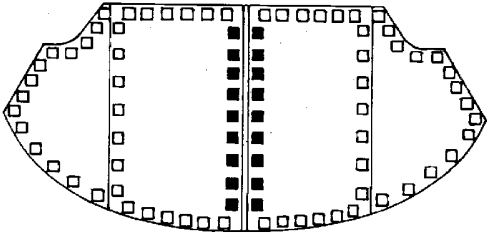
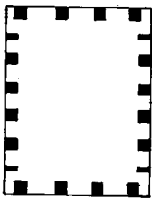
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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER
5 6	5107C 5138C		<ul style="list-style-type: none"> ○ 7-2600-3 □ 10-2600-5 ■ 1-2600-7
8 8	5703C 5718C		<ul style="list-style-type: none"> ■ 7-2600-7 □ 34-2600-5
6	5136C		<ul style="list-style-type: none"> ■ 16-2600-7 ■ 4-2600-8

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Internal Access Doors - Access Symbol and Type Fastener
Figure 7/06-31-00-990-807 (Sheet 6 of 6)

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INTERNAL ACCESS DOORS - DESCRIPTION AND OPERATION

1. General

- A. This section depicts the internal access doors by zones within work areas 4 and 5, which includes the flight compartment, electronics and electrical compartment, the entire inside of fuselage including lower cargo compartments, and the auxiliary fuel tank compartments.

Table 1 Internal Access Doors - Flight Compartment

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
4403A	Electrical Wiring and Oxygen Piping	20 x 18
4405A	Oxygen Piping and Electrical Wiring	17 x 12
4407C	Circuit Breakers for Instrument White Lights (Pilot Only)	3 x 4
4408A	Emergency Landing Gear Handle	14 x 9
4409A	Captain's Trash Container	7 x 11
4410C	First Officer's Rudder Pedals Mechanism and Control Cables	12 x 22
4411A	Captain's Control Column Mechanism and Control Cables	14 x 4
4412A	First Officer's Control Column Mechanism and Control Cables	14 x 6
4413A	Captain's Control Column Mechanism and Control Cables	14 x 6
4414A	First Officer's Control Column Mechanism and Control Cables	14 x 6
4415A	Captain's Rudder Pedals Mechanism and Control Cables	22 x 27
4416A	First Officer's Control Column Mechanism and Control Cables	14 x 4
4417A	Captain's Control Column Mechanism and Control Cables	14 x 6
4418A	First Officer's Trash Container	7 x 11
4419A	Captain's Control Column Mechanism and Control Cables	14 x 9
4420A	Oxygen Piping and Electrical Wiring	17 x 12
4422A	Electrical Wiring and Oxygen Piping	20 x 18
4427A	Miscellaneous Equipment Compartment (First Officer's)	14 x 20
4428A	Captain's Escape Rope Stowage	10 x 10
4429A	First Officer's Escape Rope Stowage	10 x 10
4430C	Circuit Breaker First Officer	3 x 4
4431C	Cockpit Brief Case Stowage, and Transformer LH	22 x 11
4432A	Maximum Speed Sensor, Electrical Connector, Static Line B-nuts, Rain Repellent Supply Bottles, and Elevator Load Feel Bungee Mechanism	22 x 11
4433C	Circuit Breaker	9 x 12
4434C	Elevator Load Feel Bungee	15 x 22

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WJE 405, 409, 410, 861, 862, 873, 874, 880, 881, 883, 884, 892, 893

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Table 1 Internal Access Doors - Flight Compartment (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
4435A	Captain's Rudder Pedals, Mechanism and Control Cables	14 x 16
4436A	First Officer's Rudder Pedals, Mechanism and Control Cables	14 x 14
4437A	Electrical Wiring	12 x 12
4480	Electrical Wiring and Phone Jack	7 x 8
4481	Electrical Wiring	9 x 24
4482	Electrical Wiring	9 x 24
4483	Electrical Wiring and Smoke Duct	18 x 19
4484	Electrical Wiring and Smoke Duct	18 x 19

Table 2 Internal Access Doors - Forward Fuselage

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
4201A	Forward Side of Instrument Panel, Control Columns and Control Cables	24 x 32
4302A	Forward Accessory Compartment: Directional Gyros, Vertical Gyros, Inverter, Transformer Rectifier, Radar Receiver / Transmitter Terminal Strips, Reverse Current Relays and Opening to Forward Side of Instrument Panel	20 x 24
4421C	Radio Compartment (Emergency Access)	14 x 20
4423A	Aircraft Ground Service Tie Relay, Left / Center/Right Windshield Heat Transformers, Ground Service Auxiliary Power Relay, Auxiliary Hydraulic Pump (Right) Relay and Battery Charger Transformer	17 x 38
4425A	Left Auxiliary Power Relay, Auxiliary Power Unit Voltmeter, Circuit Breaker (1/2 amp), Right Auxiliary Power Relay	12 x 21
4601A	Electrical Power Panel and Terminal Strips	24 x 40
4603A	Electrical Power Panel and Following Relays: Right External Power Left External Power Left Generator Right Generator	30 x 32
5102C	Primary Radio Rack Fan and Check Valve, Cooling Valve Actuator and Venturi, Differential Pressure Switch	26 x 57
5106C	Cargo Compartment Heater	26 x 59
WJE 405, 409, 410, 880, 881, 883, 884		
5107C	Fuel System - Standard Electronic Module (SEM) Installation, Accelerometer, Dual Slat Drive Mechanism (Entire bulkhead may be removed for access)	21 x 20

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WJE 405, 409, 410, 861, 862, 873, 874, 880, 881, 883, 884, 892, 893

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WJE 405, 409, 410, 880, 881, 883, 884 (Continued)

Table 2 Internal Access Doors - Forward Fuselage (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
WJE 861, 862, 873, 874, 892, 893		
5107C	Fuel System - Standard Electronic Module (SEM) Installation, Accelerometer, Dual Slat Drive Mechanism (Entire bulkhead may be removed for access)	39 x 42
WJE 405, 409, 410, 861, 862, 873, 874, 880, 881, 883, 884, 892, 893		
5108C	Transformers, Relays and Circuit Breakers	26 x 59
5109C	Horizontal Stabilizer Relays and Switch Controls	26 x 54
5110C	Strake Duct Connector and Potable Water Service Panel	19 x 26
5111C	Standby Radio Rack Fan, Check Valve, Stabilizer Position Sensors, Stabilizer Motion Sensors	26 x 38
5113A	Cargo Compartment Door Warning Switch	3 x 4
5114C	Radio Altimeter Transceivers	19 x 25
5116C	Strake Duct Connector and Temperature Sensor, Cabin Pressure Relief Valve	25 x 57
5117C	Potable Water Tank Drain Valve	8.50 DIA
5118C	Strake Duct Connector and Overheat Sensor	26 x 59
5119C	Forward Cargo Compartment Thermostat, Potable Water Drain Valve Radio Rack Stdby Cooling Fan, Fwd Compartment Thermostat	26 x 58
5121A	Alternate Static Port - Left Side	8 x 6
5121C	Potable Water Tank, Water Level Sensors, Drain Valve, Water Tank Vent Air Filter	26 x 39
5122A	Alternate Static Port - Right Side	8 x 6
5123A	Static Port - Left Side	8 x 6
5124A	Static Port - Right Side	8 x 6
5124C	Cabin Pressure Relief Valve	25 x 37
5125C	Ram Air Vent Controller	25 x 32
5126D	Center Cargo Compartment Heater, Differential Pressure Switch 1 & 2	19 x 26
WJE 861, 862, 873, 874, 892, 893		
5138C	Hydraulic Installations, Control Installations, Slat Drive Mechanism (Entire bulkhead may be removed for access)	39 x 42
WJE 405, 409, 410, 880, 881, 883, 884		
5138C	Hydraulic Installations, Control Installations, Slat Drive Mechanism (Entire bulkhead may be removed for access)	21 x 20

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**WJE 405, 409, 410, 861, 862, 873, 874, 880, 881, 883,
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WJE 405, 409, 410, 880, 881, 883, 884 (Continued)

Table 2 Internal Access Doors - Forward Fuselage (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
WJE 405, 409, 410, 861, 862, 873, 874, 880, 881, 883, 884, 892, 893		
5144C	Strake Duct Sensor, Cargo Compartment Heating Fan & Temperature Sensor	26 x 59
5148C	Cargo Compartment Door Warning Switch	3 x 4
5181D	FWD Auxiliary Fuel Tank AFT Bulkhead	18 x 38
5182D	FWD Auxiliary Fuel Tank Quantity Probe and Vent System	4.5" DIA
5183D	FWD Auxiliary Fuel Tank Vent System	10" DIA
5184D	FWD Auxiliary Fuel Tank Boost Pumps, Quantity Probe and Vent System	10" DIA
5185D	FWD Auxiliary Fuel Tank Cell, Float Switch and Tank Vent System	16 x 22
5805C	Air Conditioning Ducts and Associated Components and Wiring Conduits, Battery Power Supply, Air Duct Connectors, Passenger Light Circuit Breakers, Electrical Wiring Connectors and Differential Pressure Control Regulator	20 x 30
WJE 405, 409, 410, 880, 881, 883, 884		
5809C	Above Ceiling Access - Galley	20 x 36
5810C	Above Ceiling Access	22 x 34
WJE 405, 409, 410, 861, 862, 873, 874, 880, 881, 883, 884, 892, 893		
5817C	Forward Cargo Compartment	20 x 22
5818C	Forward Cargo Compartment	20 x 22
5823C	Temperature Control Ejector	15 x 8
5824C	Overhead Rotating Warning Beacon and Reading Light Circuits	28 x 30
5827D	Forward Cargo Compartment	38 x 43

Table 3 Internal Access Doors - Aft Fuselage

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5703C	Lower Side Aft Pressure Bulkhead, Waste Water Drain Connections, Pressure Bulkhead Differential Flapper Valves and Structural Inspection for Pressure Bulkhead Below Floor	35 x 39
5707A	Cargo Compartment Door Warning Switch	3 x 4
5716C	Flight Recorder and Cockpit Voice Recorder (Located between Y1231 and Y1250)	20 x 26
5717C	Potable Water Drain Valve, RH Throttle Bellcrank	8 1/2 Diameter

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WJE 405, 409, 410, 861, 862, 873, 874, 880, 881, 883, 884, 892, 893

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Table 3 Internal Access Doors - Aft Fuselage (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5718C	Recirculation Fan, RH Pneumatic Crossfeed Valve	34 x 38
5736C	Cabin Pressurization Butterfly Valve, Electrical Disconnect	23 x 25
5736D	Aft Auxiliary Fuel Tank Quantity Probe and Vent System	5" DIA
5737D	Aft Auxiliary Fuel Tank Vent System	10" DIA
5738C	Cabin Pressurization Control Valve Actuator, Waste Water Drain LH Throttle Bellcrank, Pressurization Outflow Valve	24 x 38
5738D	Aft Auxiliary Fuel Tank Boost Pumps, Quantity Probe and Vent System	10" DIA
5739D	Aft Auxiliary Fuel Tank Cell, Float Switch and Tank Vent System	16 x 22
5740D	Aft Auxiliary Fuel Tank Aft Bulkhead	18 x 38
5807A	Rudder/Elevator Control Cables	3 x 43
5808C	Main Landing Gear Periscope	7" DIA
5809C	Above Ceiling Access	20 x 36
5810C	Above Ceiling Access - Galley	22 x 34
5811A	Engine Mount Structure - Left Side	14 x 14
5812A	Engine Mount Structure - Right Side	14 x 14
5813C	Fuel Line Bubble Pipe - Left Side	7 x 7
5814C	Fuel Line Bubble Pipe - Right Side	7 x 7
5815C	Fuel Line Bubble Pipe through Door	5 x 7
5816C	Fuel Line Bubble Pipe through Door	5 x 7
5819C	Aft Cargo Compartment	20 x 22
5823C	Temperature Sensor	28 x 30
5824C	Overhead Rotating Warning Beacon and Reading Light Circuits	28 x 30
5828D	Aft Cargo Compartment-Auxiliary Fuel Tank	38 x 43
5829D	Emergency Exit Lighting Battery Pack	18 x 19
5907A	Generator, ac (Generator Removal and Installation Only)	7-1/2 Diameter
5908A	APU Hoist Clevis	5 Diameter
5910A	Water Separator, Water, Separator Temperature Control and Thermostat	32 x 10
5911A	Flow Control Valve, Air-conditioning Pressure Regulator Valve, Augmentation Valve, Pilot Pressure Regulator, (RH Pneumatic System Valves), Rudder Hydraulic Power Shutoff Valve	38 x 28
5912C	Stair Operating Handle	9 x 12

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Table 3 Internal Access Doors - Aft Fuselage (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5913A	Area Between Aft Pressure Bulkhead and Forward Side of APU Enclosure	3 x 5
5914A	Area Between Aft Pressure Bulkhead and Forward Side of APU Enclosure	3 x 5
5915A	Area Between Aft Pressure Bulkhead and Forward Side of APU Enclosure	3 x 5
5916A	Area Between Aft Pressure Bulkhead and Forward Side of APU Enclosure	3 x 5
5918A	Flow Control Valve, Air-Conditioning Pressure Regulator Valve, Augmentation Valve, Pilot Pressure Regulator, (LH Pneumatic System Valves), Rudder Hydraulic Power Shutoff Valve	38 x 28
5819C	Aft Cargo Compartment	20 x 22
5828D	Aft Cargo Compartment- Auxiliary Fuel Tank	38 x 43
5829D	Emergency Exit Lighting Battery Pack	18 x 19

Table 4 Internal Access Doors - Radio/Electrical Equipment Compartment

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
4508A	Airstair Carriage Motor and Actuator	14" diameter
4509A	Pilot's Yoke	10 x 15
4510A	Mach Pitch Trim Actuator Mechanism, Electrical Connector, Control Cables, and Elevator Variable Load Feel Mechanism	10 x 25
4511A	Mach Pitch Trim Actuator Mechanism Electrical Connector, Control Cables, and Elevator Variable Load Feel Mechanism	10 x 25

Table 5 Internal Access Doors - Forward and Mid Cargo Compartments

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5102A	Elevator Servo Assembly & Force Limiter, Horizontal Stabilizer Position Sensor	23 x 8 x 22
5149C	Accelerometer, Fuselage Structure, Electrical Installations	18 x 38
5150C	Fuselage Structure	18 x 71
5151C	Control Cables, Fuselage Structure	36 x 95
5152C	Fuselage Structure, Electrical Installations	18 x 95
5153C	Fuselage Structure	18 x 57
5154C	Control Cables, Fuselage Structure	36 x 57
5155C	Fuselage Structure	18 x 95

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Table 5 Internal Access Doors - Forward and Mid Cargo Compartments (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5156C	Control Cables, Fuselage Structure	42 x 57
5157C	Electrical Installations, Fuselage Structure	18 x 19
5158C	Electrical Installations, Fuselage Structure	18 x 19
5159C	Electrical Installations, Fuselage Structure	18 x 19
5160C	Electrical Installations, Fuselage Structure	18 x 57
5161C	Control Cables, Fuselage Structure	36 x 57
5162C	Fuselage Structure	18 x 95
5163C	Control Cables, Fuselage Structure	36 x 57
5164C	Fuselage Structure	18 x 57
5165C	Electrical Installations, Fuselage Structure	18 x 76
5166C	Control Cables, Fuselage Structure	36 x 38
5167C	Fuselage Structure	18 x 38
5168C	Control Cables, Fuselage Structure	36 x 57
5169C	Fuselage Structure	18 x 57
5170C	Electrical Installations, Fuselage Structure	18 x 95
5171C	Control Cables, Fuselage Structure	42 x 57
5172C	Electrical Installations, Fuselage Structure	18 x 19
5173C	Electrical Installations, Fuselage Structure	18 x 19
5174C	Electrical Installations, Fuselage Structure	18 x 19
5175C	Control Cables, Fuselage Structure	36 x 57
5176C	Fuselage Structure	18 x 57
5177C	Electrical Installations, Fuselage Structure	18 x 76
5178C	Control Cables, Fuselage Structure	28 x 34
5179C	Fuselage Structure	28 x 17

Table 6 Internal Access Doors - Aft Cargo Compartment

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5719C	Emergency Light (Exterior) Battery Pack	19 x 12
5722C	Control Cables, Fuselage Structure	36 x 92
5723C	Fuselage Structure	18 x 92
5724C	Electrical Installations, Fuselage Structure	18 x 130
5725C	Fuselage Structure	18 x 57
5726C	Rudder Servo, Fuselage Structure, Control Cables	36 x 57
5727C	Electrical Installations, Fuselage Structure	18 x 19

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Table 6 Internal Access Doors - Aft Cargo Compartment (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5728C	Electrical Installations, Fuselage Structure	18 x 19
5729C	Electrical Installations, Fuselage Structure	18 x 19
5730C	Control Cables, Fuselage Structure	42 x 57
5731C	Electrical Installations, Fuselage Structure	18 x 95
5732C	Control Cables, Fuselage Structure	36 x 95
5733C	RH Throttle Bellcrank, Fuselage Structure Aft System Inline Water Heater	18 x 95
5734C	LH Throttle Bellcrank, Electrical Installations, Fuselage Structure	18 x 76
5735C	Fuselage Structure	13 x 51

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**WJE 405, 409, 410, 861, 862, 873, 874, 880, 881, 883,
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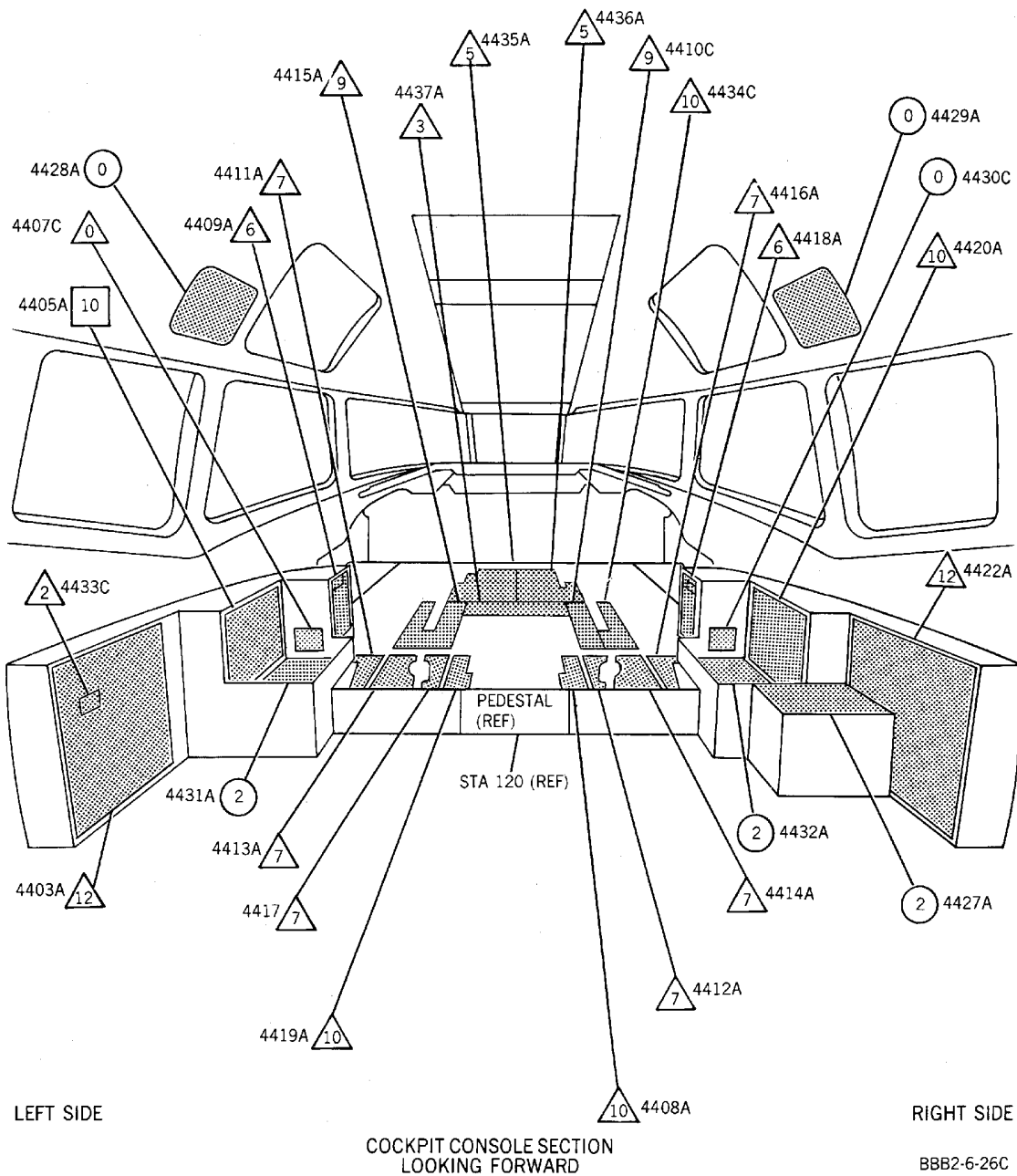
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**Internal Access Doors - Flight Compartment
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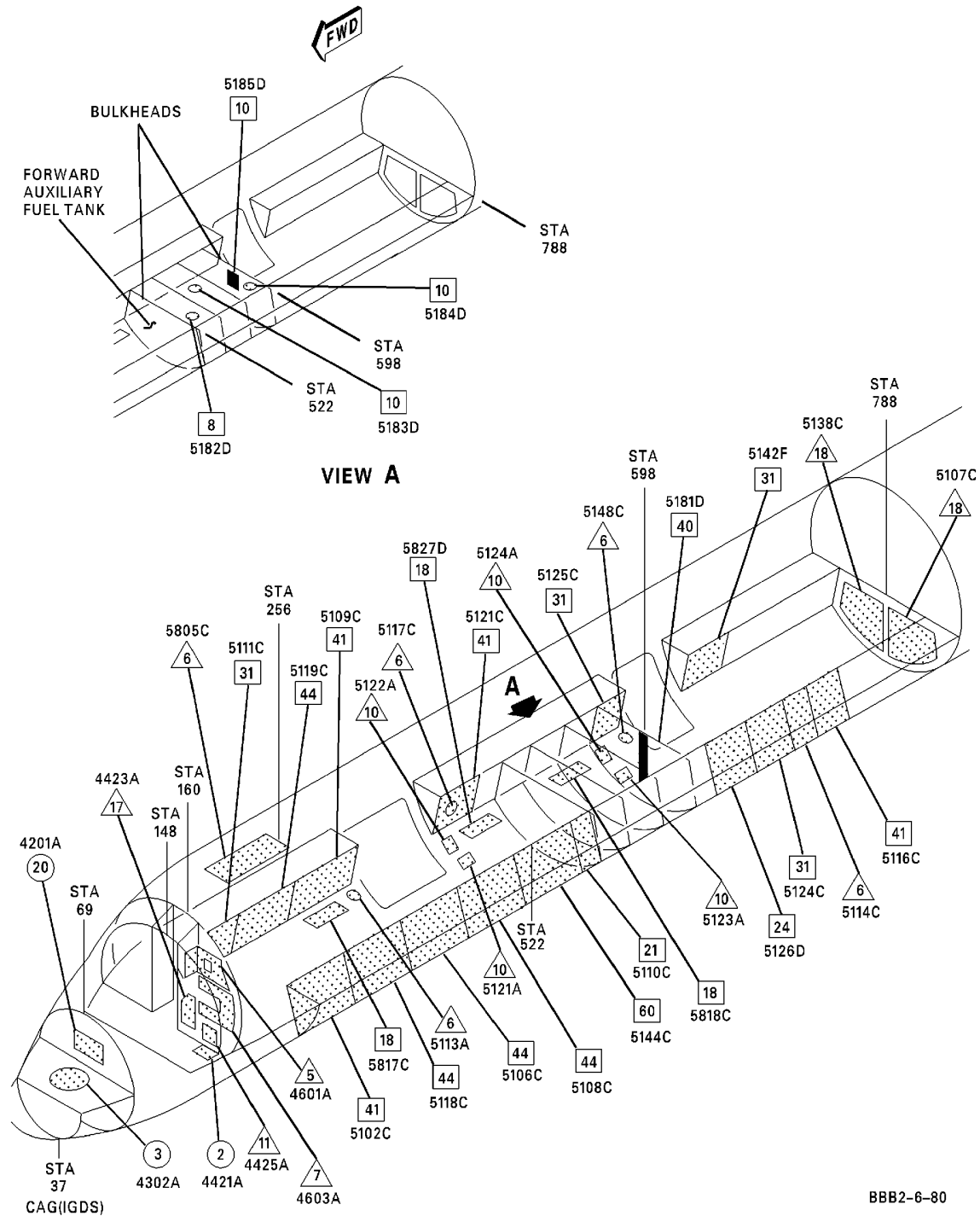
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**Internal Access Doors - Forward Fuselage
Figure 2/06-31-00-990-809**

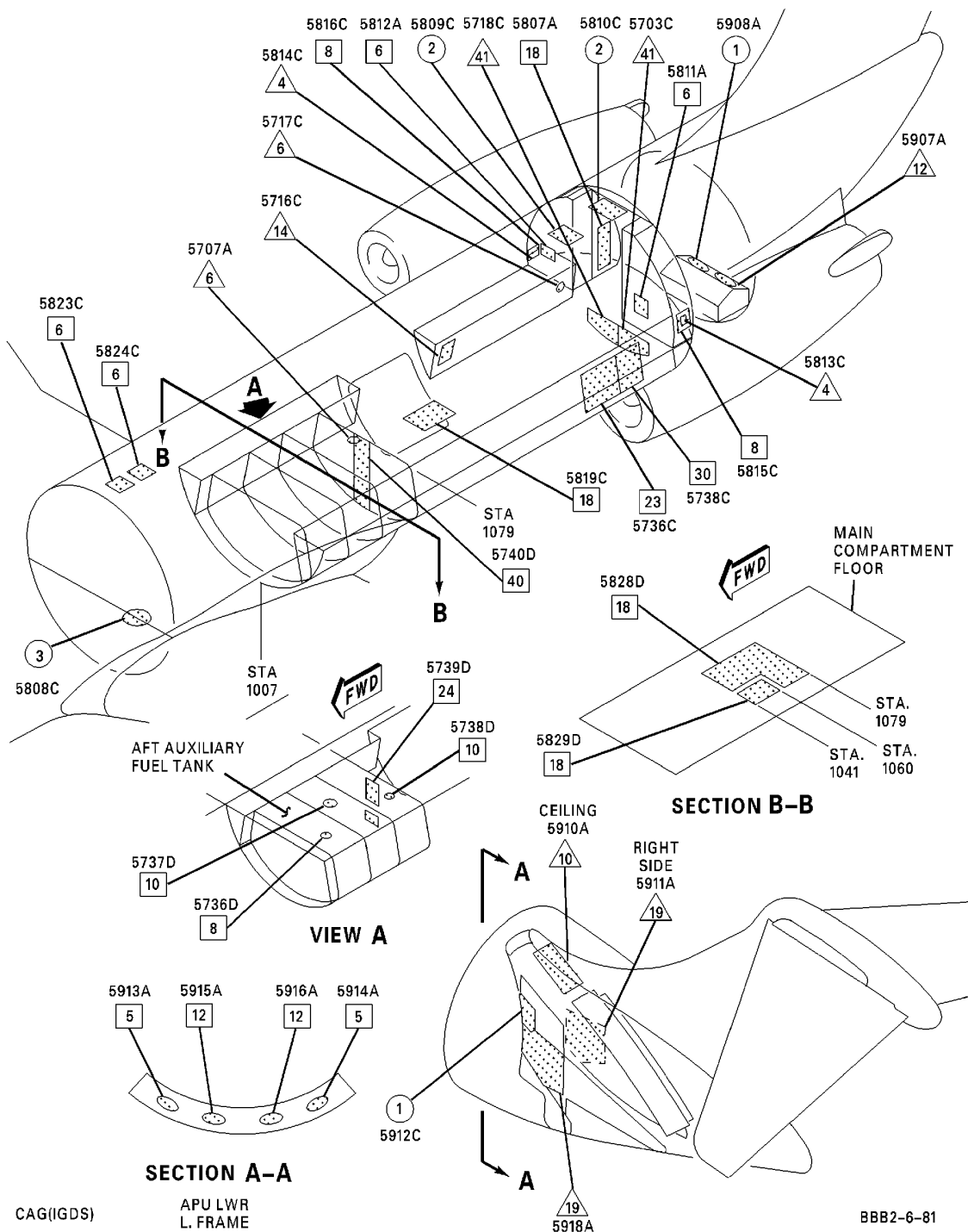
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Internal Access Doors - Aft Fuselage
Figure 3/06-31-00-990-810

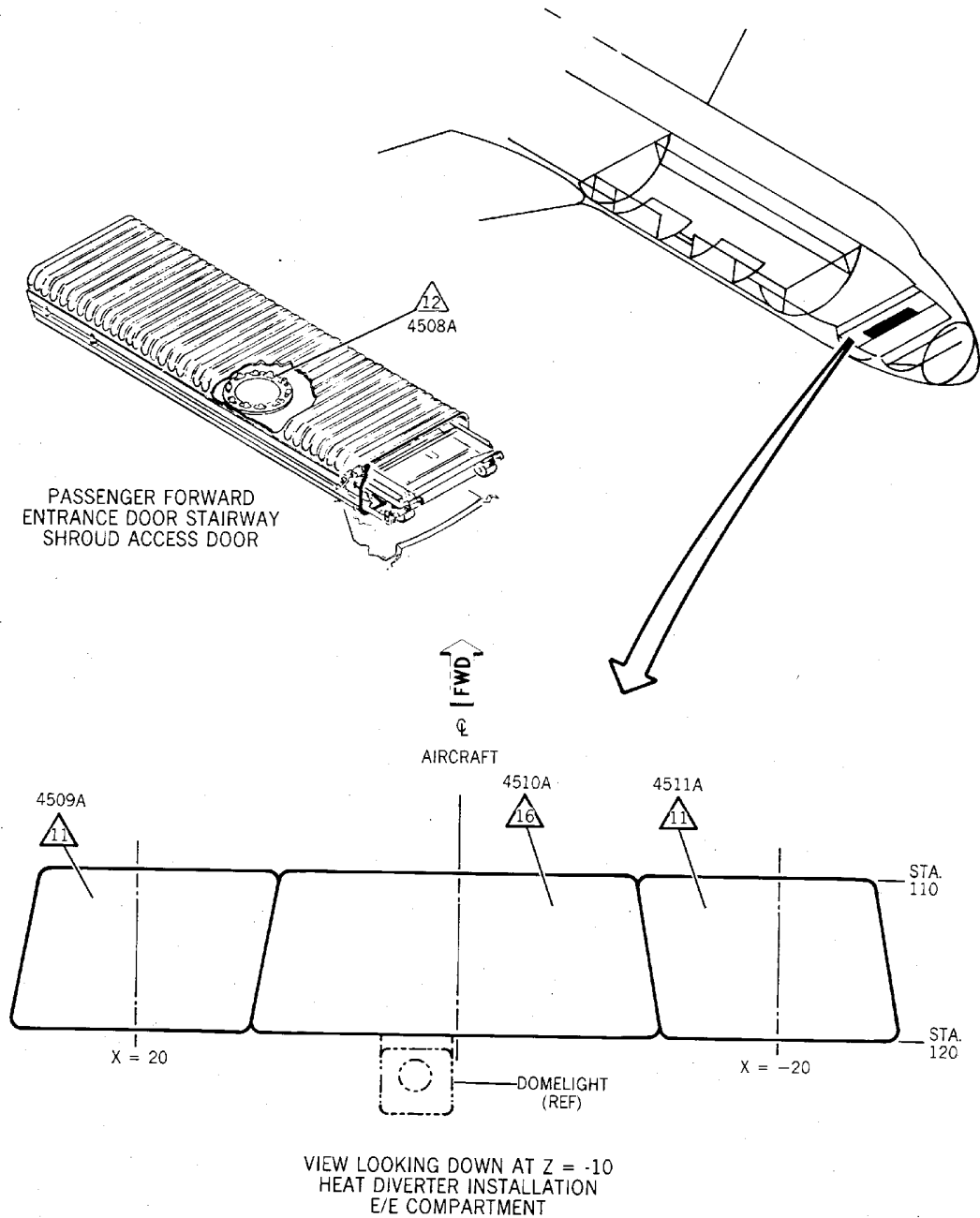
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**Internal Access Doors - Radio/Electrical Equipment Compartment
Figure 4/06-31-00-990-811**

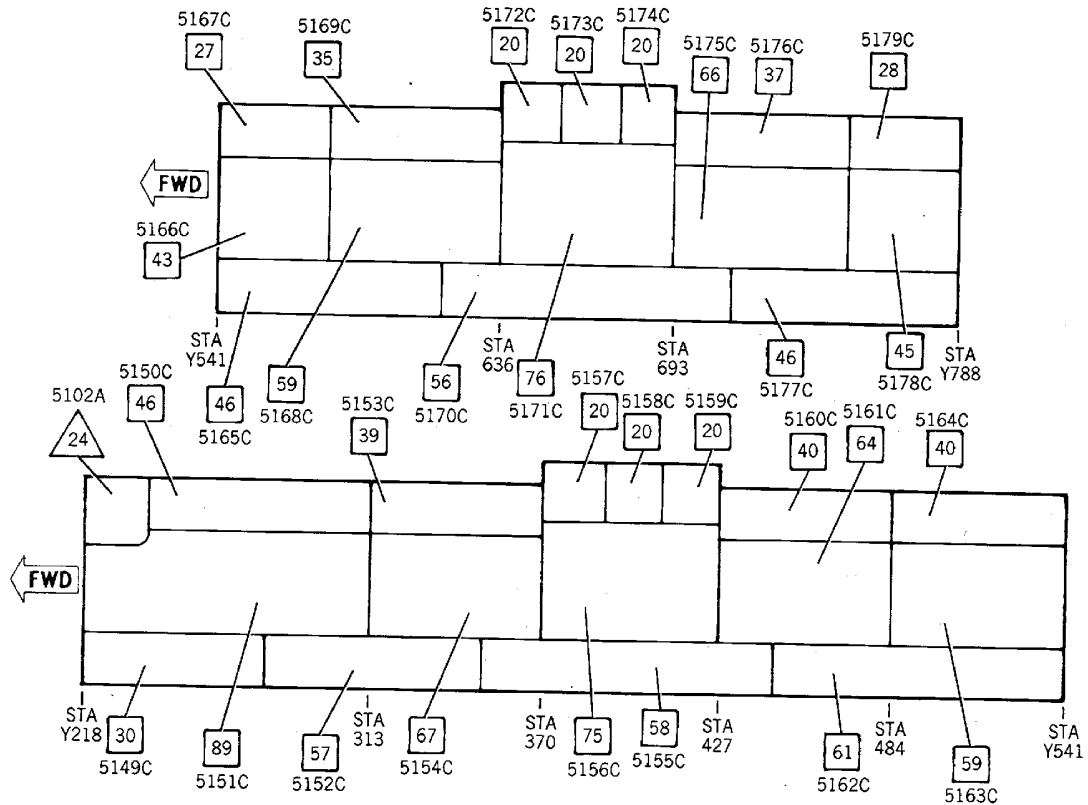
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Internal Access Doors - Forward and Mid Cargo Compartments
Figure 5/06-31-00-990-812

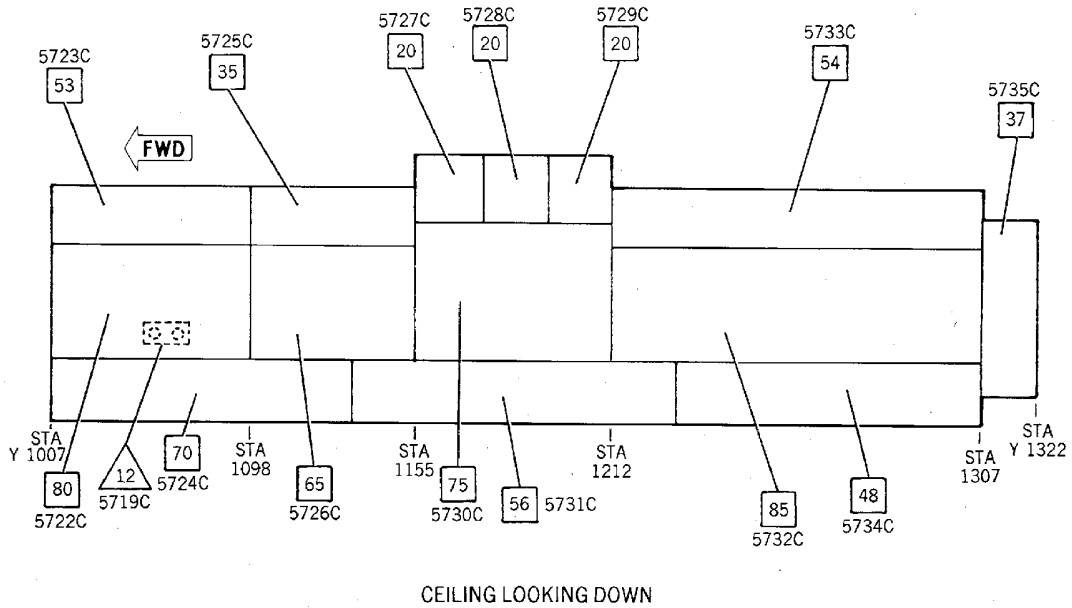
EFFECTIVITY
WJE 405, 409, 410, 861, 862, 873, 874, 880, 881, 883,
884, 892, 893

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BBB2-6-37

**Internal Access Doors - Aft Cargo Compartment
Figure 6/06-31-00-990-813**

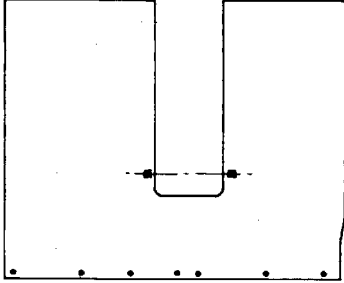
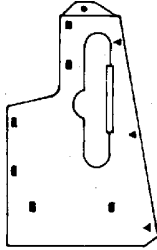
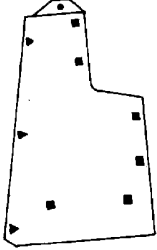

EFFECTIVITY
WJE 405, 409, 410, 861, 862, 873, 874, 880, 881, 883,
884, 892, 893

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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER
3	4415A		<ul style="list-style-type: none"> ● 7 NAS1203-2 ■ 2 NAS1203-17
3	4408A		<ul style="list-style-type: none"> ■ 6 NAS1203-17 ▲ 3 NAS1203-3 ■ 1 NAS1203-2
3	4419A		<ul style="list-style-type: none"> ■ 6 NAS1203-17 ▲ 3 NAS1203-3 ● 1 NAS1203-2
3	4412A 4417A		<ul style="list-style-type: none"> ■ 2 NAS1203-17 ▲ 3 NAS1203-3 ● 2 NAS1203-2

BBB2-6-31A

Internal Access Doors - Access Symbol and Type Fastener
Figure 7/06-31-00-990-814 (Sheet 1 of 6)

EFFECTIVITY

WJE 405, 409, 410, 861, 862, 873, 874, 880, 881, 883, 884, 892, 893

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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER	
3	4413A		■ 2 NAS1203-17 ▲ 3 NAS1203-3 ● 2 NAS1203-2	
3	4414A			
3	4411A			■ 2 NAS1203-17 ▲ 3 NAS1203-3 ● 2 NAS1203-2
3	4416A			
5	4601A		▲ 3 4002-7 ⊘ 2 4002-20	
5	4603A			▲ 4 4002-7 ⊘ 3 4002-20

BBB2-6-32

Internal Access Doors - Access Symbol and Type Fastener
Figure 7/06-31-00-990-814 (Sheet 2 of 6)

EFFECTIVITY

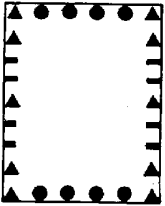
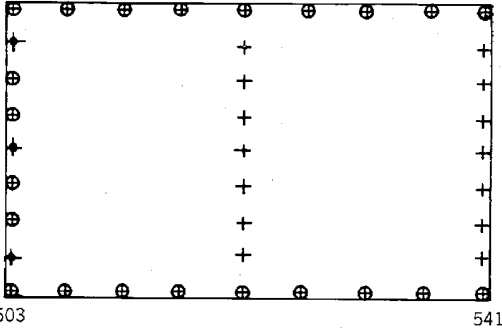
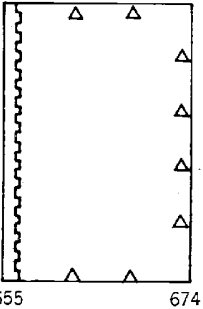
WJE 405, 409, 410, 861, 862, 873, 874, 880, 881, 883, 884, 892, 893

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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER
5 5 5 5 5 5 5	5104A 5127C 5128C 5131C 5133C 5137C 5139C		▲ 10 2600-9 ● 8 2600-6 ■ 8 2600-8
6	5135C		+14 NAS333CPA4 ⊕22 NAS333CPA5 † 3 NAS333CPA4-5
5	5129C		△ 8-2600-11

BBB2-6-33A

Internal Access Doors - Access Symbol and Type Fastener
Figure 7/06-31-00-990-814 (Sheet 3 of 6)

EFFECTIVITY

WJE 405, 409, 410, 861, 862, 873, 874, 880, 881, 883, 884, 892, 893

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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER
5	5103C		<ul style="list-style-type: none"> ● 28 2600-6 ■ 1 2600-7
5	5141C		<ul style="list-style-type: none"> ■ 16 2600-8
5	5143C		<ul style="list-style-type: none"> ▲ 15 2600-9
5	5105C		<ul style="list-style-type: none"> ● 32 2600-6 ■ 6 2600-7
5	5145C		<ul style="list-style-type: none"> ■ 17 2600-8
5	5147C		<ul style="list-style-type: none"> ▲ 5 2600-9
3	4410C		<ul style="list-style-type: none"> ● 12 NAS1203-2 ■ 2 NAS1203-17
3	4434C		

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Internal Access Doors - Access Symbol and Type Fastener
Figure 7/06-31-00-990-814 (Sheet 4 of 6)

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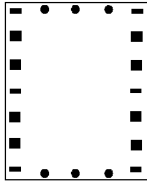
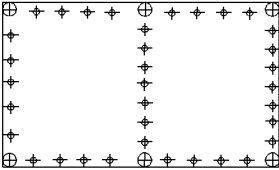
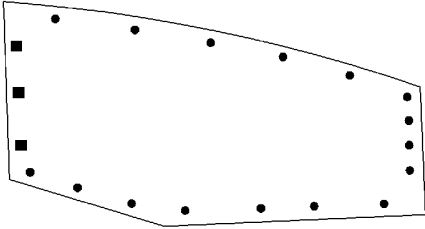
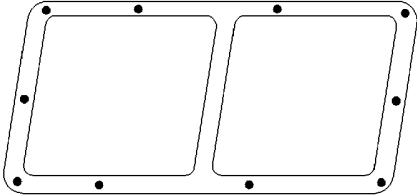
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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOLS & TYPE FASTENER
8 8 8	5704C 5714C 5715C		<ul style="list-style-type: none"> • 6-2600-6 ■ 8-2600-7 - 6-2600-8
5 5	5130C 5134C		<ul style="list-style-type: none"> ⊕ 6 NAS333CPA5 + 35 NAS333CPA4-5
8 8	5911A 5918A		<ul style="list-style-type: none"> ■ 3-27S3-21 • 16-27S3-20
8	5910A		<ul style="list-style-type: none"> • 10-27S3-20

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Internal Access Doors - Access Symbol and Type Fastener
Figure 7/06-31-00-990-814 (Sheet 5 of 6)

EFFECTIVITY

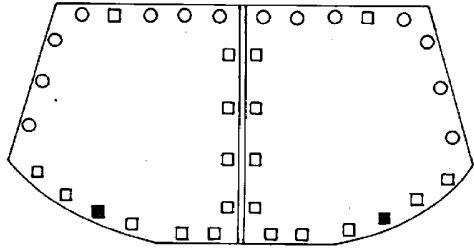
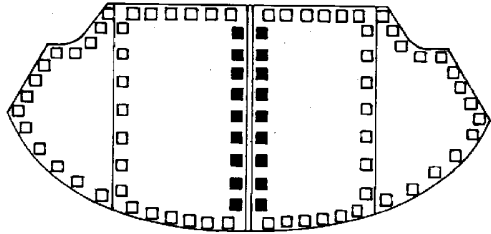
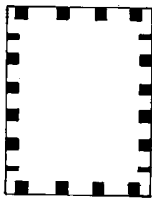
WJE 405, 409, 410, 861, 862, 873, 874, 880, 881, 883, 884, 892, 893

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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER
5 6	5107C 5138C		○ 7-2600-3 □ 10-2600-5 ■ 1-2600-7
8 8	5703C 5718C		■ 7-2600-7 □ 34-2600-5
6	5136C		■ 16-2600-7 ■ 4-2600-8

BBB2-6-36A

Internal Access Doors - Access Symbol and Type Fastener
Figure 7/06-31-00-990-814 (Sheet 6 of 6)

EFFECTIVITY

WJE 405, 409, 410, 861, 862, 873, 874, 880, 881, 883, 884, 892, 893

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INTERNAL ACCESS DOORS - DESCRIPTION AND OPERATION

1. General

- A. This section depicts the internal access doors by zones within work areas 4 and 5, which includes the flight compartment electronics and electrical compartment, the entire inside of fuselage including lower cargo compartments.

Table 1 Internal Access Doors - Flight Compartment

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
4403A	Electrical Wiring and Oxygen Piping	20 x 18
4405A	Oxygen Piping and Electrical Wiring	17 x 12
4407C	Circuit Breakers for Instrument White Lights (Pilot Only)	3 x 4
4408A	Emergency Landing Gear Handle	14 x 9
4409A	Captain's Trash Container	7 x 11
4410C	First Officer's Rudder Pedals Mechanism and Control Cables	12 x 22
4411A	Captain's Control Column Mechanism and Control Cables	14 x 4
4412A	First Officer's Control Column Mechanism and Control Cables	14 x 6
4413A	Captain's Control Column Mechanism and Control Cables	14 x 6
4414A	First Officer's Control Column Mechanism and Control Cables	14 x 6
4415A	Captain's Rudder Pedals Mechanism and Control Cables	22 x 27
4416A	First Officer's Control Column Mechanism and Control Cables	14 x 4
4417A	Captain's Control Column Mechanism and Control Cables	14 x 6
4418A	First Officer's Trash Container	7 x 11
4419A	Captain's Control Column Mechanism and Control Cables	14 x 9
4420A	Oxygen Piping and Electrical Wiring	17 x 12
4422A	Electrical Wiring and Oxygen Piping	20 x 18
4427A	Miscellaneous Equipment Compartment (First Officer's)	14 x 20
4428A	Captain's Escape Rope Stowage	10 x 10
4429A	First Officer's Escape Rope Stowage	10 x 10
4430C	Circuit Breaker First Officer	3 x 4
4431C	Cockpit Brief Case Stowage, and Transformer LH	22 x 11
4432A	Maximum Speed Sensor, Electrical Connector, Static Line B-nuts, Rain Repellent Supply Bottles, and Elevator Load Feel Bungee Mechanism	22 x 11
4433C	Circuit Breaker	9 x 12
4434C	Elevator Load Feel Bungee	15 x 22

EFFECTIVITY

WJE 401-404, 406-408, 411, 412, 414-419, 421, 423, 425-427, 863-866, 868, 869, 871, 872, 875-879, 886, 887

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Table 1 Internal Access Doors - Flight Compartment (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
4435A	Captain's Rudder Pedals, Mechanism and Control Cables	14 x 16
4436A	First Officer's Rudder Pedals, Mechanism and Control Cables	14 x 14
4437A	Electrical Wiring	12 x 12
4480	Electrical Wiring and Phone Jack	7 x 8
4481	Electrical Wiring	9 x 24
4482	Electrical Wiring	9 x 24
4483	Electrical Wiring and Smoke Duct	18 x 19
4484	Electrical Wiring and Smoke Duct	18 x 19

Table 2 Internal Access Doors - Forward Fuselage, Lower Cargo Compartment

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
4201A	Forward Side of Instrument Panel, Control Columns and Control Cables	24 x 32
4302A	Forward Accessory Compartment: Directional Gyros, Vertical Gyros, Inverter, Transformer Rectifier, Radar Receiver / Transmitter Terminal Strips, Reverse Current Relays and Opening to Forward Side of Instrument Panel	20 x 24
4421C	Radio Compartment (Emergency Access)	14 x 20
4423A	Aircraft Ground Service Tie Relay, Left / Center / Right Windshield Heat Transformers, Ground Service Auxiliary Power Relay, Auxiliary Hydraulic Pump (Right) Relay and Battery Charger Transformer	17 x 38
4425A	Left Auxiliary Power Relay, Auxiliary Power Unit Voltmeter, Circuit Breaker (1/2 amp), Right Auxiliary Power Relay	12 x 21
4601A	Electrical Power Panel and Terminal Strips	24 x 40
4603A	Electrical Power Panel and Following Relays: Right External Power Left External Power Left Generator Right Generator	30 x 32
5102C	Primary Radio Rack Fan and Check Valve, Cooling Valve Actuator and Venturi, Differential Pressure Switch	26 x 57
5106C	Cargo Compartment Heater	26 x 59
5107C	Fuel System - Standard Electronic Module (SEM) Installation, Accelerometer, Dual Slat Drive Mechanism (Entire bulkhead may be removed for access)	39 x 42
5108C	Transformers, Relays and Circuit Breakers	26 x 59

EFFECTIVITY

WJE 401-404, 406-408, 411, 412, 414-419, 421, 423, 425-427, 863-866, 868, 869, 871, 872, 875-879, 886, 887

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Table 2 Internal Access Doors - Forward Fuselage, Lower Cargo Compartment (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5109C	Horizontal Stabilizer Relays and Switch Controls, Check Valve	26 x 54
5110C	Strake Duct Connector and Potable Water Service Panel	19 x 26
5111C	Standby Radio Rack Fan, Check Valve, Stabilizer Position Sensors, Stabilizer Motion Sensors	26 x 38
5112C	Center Cargo Compartment Heater, Switch- Air Condition Automatic Pack Shut Down Differential Pressure Switch 1 & 2	25 x 59
5113A	Cargo Compartment Door Warning Switch	3 x 4
5114C	Radio Altimeter Transceivers	19 x 25
5115C	Potable Water Service Panel Overflow and Drain Valve	25 x 36
5116C	Strake Duct Connector and Temperature Sensor, Cabin Pressure Relief Valve	25 x 57
5117C	Potable Water Tank Drain Valve	8.50 DIA
5118C	Strake Duct Connector and Overheat Sensor	26 x 59
5119C	Forward Cargo Compartment Thermostat, Potable Water Drain Valve, Standby Cooling Fan, Standby Differential Pressure Switch	26 x 58
5121A	Alternate Static Port - Left Side	8 x 6
5121C	Potable Water Tank, Water Level Sensors, Drain Valve, Air Filter Fill/Overflow Valve	26 x 39
5122A	Alternate Static Port - Right Side	8 x 6
5122C	Potable Water Service Panel	25 x 37
5123A	Static Port - Left Side	8 x 6
5123C	Fan Air Vent Controller	25 x 53
5124A	Static Port - Right Side	8 x 6
5124C	Cabin Pressure Relief Valve	25 x 37
5126C	Center Cargo Heating Fan, Strake Duct Overheat Sensor	26 x 59
5138C	Hydraulic Installations, Control Installations, Slat Drive Mechanism (Entire bulkhead may be removed for access)	39 x 42
5142F	Potable Water Pneumatic Pump (MD-88)	26 x 35
5148C	Cargo Compartment Door Warning Switch	3 x 4
5805C	Air Conditioning Ducts and Associated Components and Wiring Conduits, Battery Power Supply, Air Duct Connectors, Passenger Light Circuit Breakers, Electrical Wiring Connectors, Altitude Mask Release Switch and Cabin Altitude Low Pressure Warning Switch	20 x 30

EFFECTIVITY

WJE 401-404, 406-408, 411, 412, 414-419, 421, 423, 425-427, 863-866, 868, 869, 871, 872, 875-879, 886, 887

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Table 3 Internal Access Doors - Aft Fuselage

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5703C	Lower Side Aft Pressure Bulkhead, Waste Water Drain Connections, Pressure Bulkhead Differential Flapper Valves and Structural Inspection for Pressure Bulkhead Below Floor	35 x 39
5707A	Cargo Compartment Door Warning Switch	3 x 4
5716C	Flight Recorder and Cockpit Voice Recorder (Located between Y1231 and Y1250)	20 x 26
5717C	Potable Water Drain Valve, RH Throttle Bellcrank	8 1/2 Diameter
5718C	Recirculation Fan, RH Pneumatic Crossfeed Valve	34 x 38
5736C	Cabin Pressurization Butterfly Valve, Electrical Disconnect	23 x 25
5738C	Cabin Pressurization Control Valve Actuator, Waste Water Drain, LH Throttle Bellcrank, Pressurization Outflow Valve	24 x 38
5807A	Rudder/Elevator Control Cables	3 x 43
5808C	Main Landing Gear Periscope	4 x 6
5809C	Above Ceiling Access	20 x 36
5810C	Above Ceiling Access - Galley	22 x 34
5811A	Engine Mount Structure - Left Side	14 x 14
5812A	Engine Mount Structure - Right Side	14 x 14
5813C	Fuel Line Bubble Pipe - Left Side	7 x 7
5814C	Fuel Line Bubble Pipe - Right Side	7 x 7
5815C	Fuel Line Bubble Pipe through Door 5813C	5 x 7
5816C	Fuel Line Bubble Pipe through Door 5814C	5 x 7
5819C	Aft Cargo Compartment	20 x 22
5823C	Temperature Sensor	28 x 30
5824C	Overhead Rotating Warning Beacon and Reading Light Circuits	28 x 30
5907A	Generator, ac (Generator Removal and Installation Only)	7-1/2 Diameter
5908A	APU Hoist Clevis	5 Diameter
5910A	Water Separator, Water, Separator Temperature Control and Thermostat	32 x 10
5911A	Flow Control Valve, Air-conditioning Pressure Regulator Valve, Augmentation Valve, Pilot Pressure Regulator, (RH Pneumatic System Valves), Rudder Hydraulic Power Shutoff Valve	38 x 28
5912C	Stair Operating Handle	9 x 12
5913A	Area Between Aft Pressure Bulkhead and Forward Side of APU Enclosure	3 x 5

EFFECTIVITY

WJE 401-404, 406-408, 411, 412, 414-419, 421, 423, 425-427, 863-866, 868, 869, 871, 872, 875-879, 886, 887

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Table 3 Internal Access Doors - Aft Fuselage (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5914A	Area Between Aft Pressure Bulkhead and Forward Side of APU Enclosure	3 x 5
5915A	Area Between Aft Pressure Bulkhead and Forward Side of APU Enclosure	3 x 5
5916A	Area Between Aft Pressure Bulkhead and Forward Side of APU Enclosure	3 x 5
5918A	Flow Control Valve, Air-conditioning Pressure Regulator Valve, Augmentation Valve, Pilot Pressure Regulator, (LH Pneumatic System Valves), Rudder Hydraulic Power Shutoff Valve	38 x 28

Table 4 Internal Access Doors - Radio/Electrical Equipment Compartment

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
4508A	Airstair Carriage Motor and Actuator	14" diameter
4509A	Pilot's Yoke	10 x 15
4510A	Mach Pitch Trim Actuator Mechanism, Electrical Connector, Control Cables, and Elevator Variable Load Feel Mechanism	10 x 25
4511A	Mach Pitch Trim Actuator Mechanism Electrical Connector, Control Cables, and Elevator Variable Load Feel Mechanism	10 x 25

Table 5 Internal Access Doors - Forward and Mid Cargo Compartments

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5102A	Elevator Servo Assembly & Force Limiter, Horizontal Stabilizer Position Sensor	23 x 8 x 22
5149C	Accelerometer, Fuselage Structure, Electrical Installations	18 x 38
5150C	Fuselage Structure	18 x 71
5151C	Control Cables, Fuselage Structure	36 x 95
5152C	Fuselage Structure, Electrical Installations	18 x 95
5153C	Fuselage Structure	18 x 57
5154C	Control Cables, Fuselage Structure	36 x 57
5155C	Fuselage Structure	18 x 95
5156C	Control Cables, Fuselage Structure	42 x 57
5157C	Electrical Installations, Fuselage Structure	18 x 19
5158C	Electrical Installations, Fuselage Structure	18 x 19
5159C	Electrical Installations, Fuselage Structure	18 x 19
5160C	Electrical Installations, Fuselage Structure	18 x 57
5161C	Control Cables, Fuselage Structure	36 x 57

EFFECTIVITY

WJE 401-404, 406-408, 411, 412, 414-419, 421, 423, 425-427, 863-866, 868, 869, 871, 872, 875-879, 886, 887

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Table 5 Internal Access Doors - Forward and Mid Cargo Compartments (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5162C	Fuselage Structure	18 x 95
5163C	Control Cables, Fuselage Structure	36 x 57
5164C	Fuselage Structure	18 x 57
5165C	Electrical Installations, Fuselage Structure	18 x 76
5166C	Control Cables, Fuselage Structure	36 x 38
5167C	Fuselage Structure	18 x 38
5168C	Control Cables, Fuselage Structure	36 x 57
5169C	Fuselage Structure	18 x 57
5170C	Electrical Installations, Fuselage Structure	18 x 95
5171C	Control Cables, Fuselage Structure	42 x 57
5172C	Electrical Installations, Fuselage Structure	18 x 19
5173C	Electrical Installations, Fuselage Structure	18 x 19
5174C	Electrical Installations, Fuselage Structure	18 x 19
5175C	Control Cables, Fuselage Structure	36 x 57
5176C	Fuselage Structure	18 x 57
5177C	Electrical Installations, Fuselage Structure	18 x 76
5178C	Control Cables, Fuselage Structure	28 x 34
5179C	Fuselage Structure	28 x 17

Table 6 Internal Access Doors - Aft Cargo Compartment

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5719C	Emergency Light (Exterior) Battery Pack	19 x 12
5722C	Control Cables, Fuselage Structure	36 x 92
5723C	Fuselage Structure	18 x 92
5724C	Electrical Installations, Fuselage Structure	18 x 130
5725C	Fuselage Structure	18 x 57
5726C	Rudder Servo, Fuselage Structure, Control Cables	36 x 57
5727C	Electrical Installations, Fuselage Structure	18 x 19
5728C	Electrical Installations, Fuselage Structure	18 x 19
5729C	Electrical Installations, Fuselage Structure	18 x 19
5730C	Control Cables, Fuselage Structure	42 x 57
5731C	Electrical Installations, Fuselage Structure	18 x 95
5732C	Control Cables, Fuselage Structure	36 x 95
5733C	RH Throttle Bellcrank, Fuselage Structure	18 x 95

EFFECTIVITY

WJE 401-404, 406-408, 411, 412, 414-419, 421, 423, 425-427, 863-866, 868, 869, 871, 872, 875-879, 886, 887

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Table 6 Internal Access Doors - Aft Cargo Compartment (Continued)

ACCESS OPENING NUMBER	ACCESS TO	NOMINAL OPENING SIZE (INCHES)
5734C	LH Throttle Bellcrank, Electrical Installations, Fuselage Structure	18 x 76
5735C	Fuselage Structure	13 x 51

EFFECTIVITY

WJE 401-404, 406-408, 411, 412, 414-419, 421, 423, 425-427, 863-866, 868, 869, 871, 872, 875-879, 886, 887

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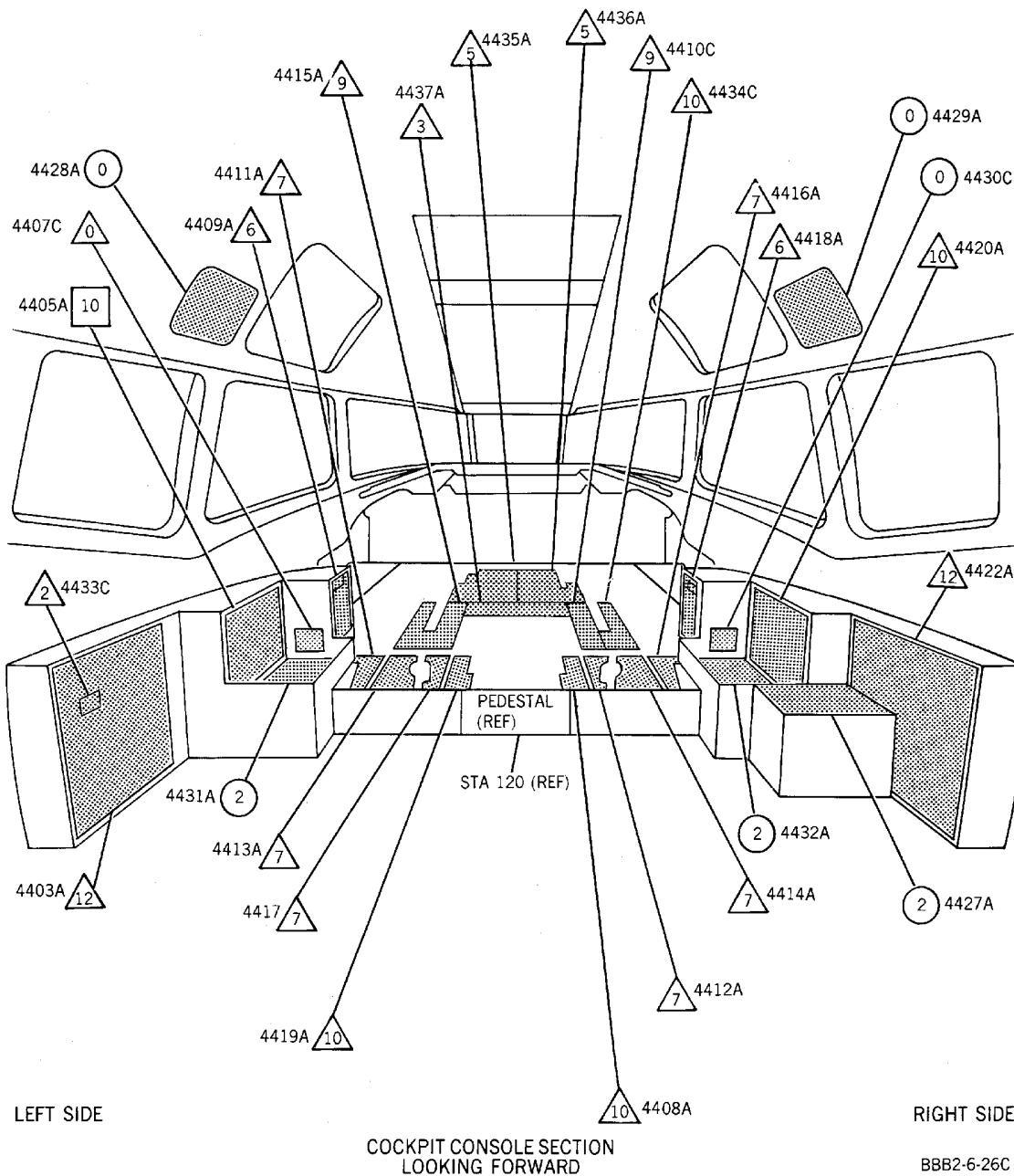
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Internal Access Doors - Flight Compartment
Figure 1/06-31-00-990-822

EFFECTIVITY

WJE 401-404, 406-408, 411, 412, 414-419, 421, 423, 425-427, 863-866, 868, 869, 871, 872, 875-879, 886, 887

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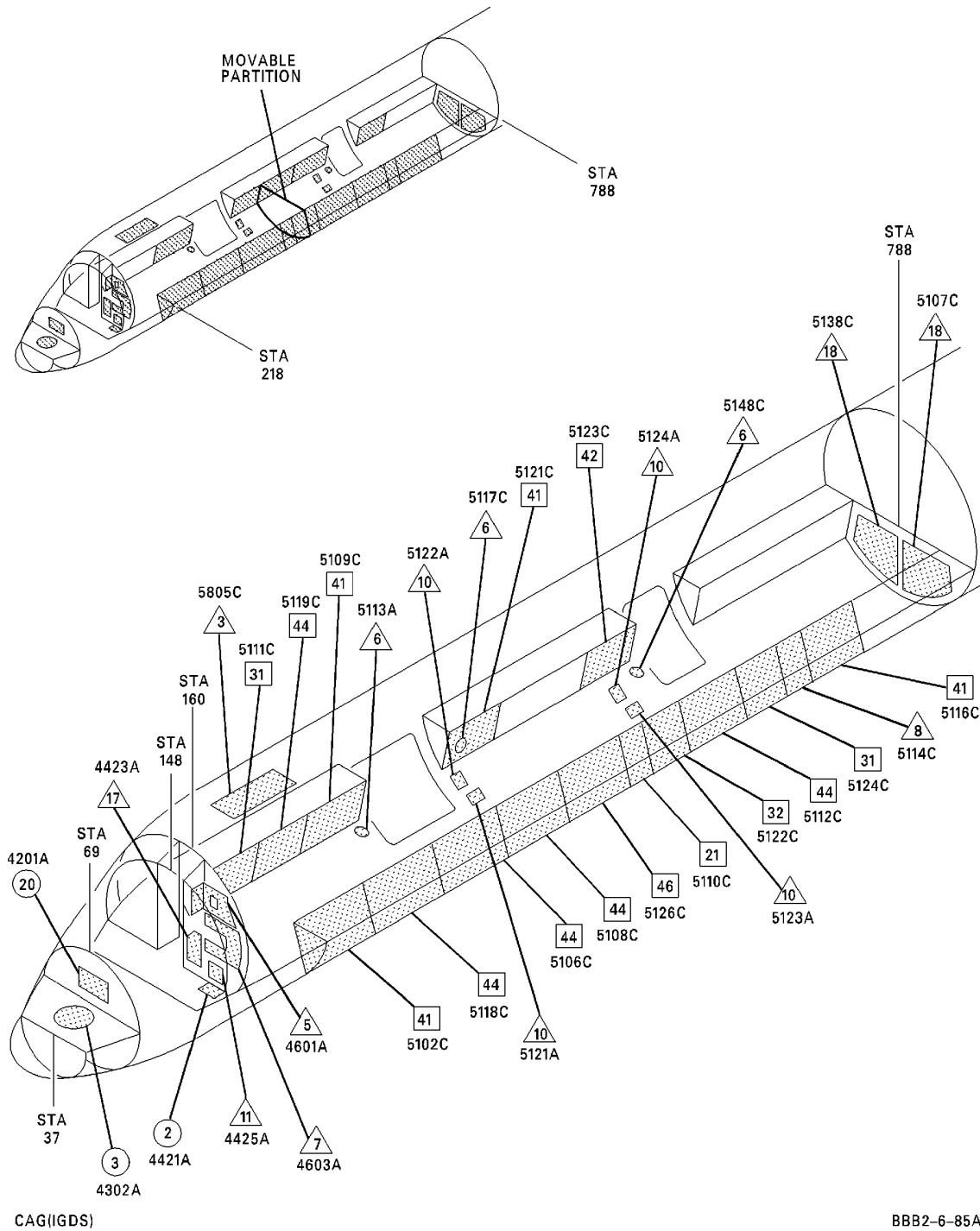
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Internal Access Doors - Forward Fuselage
Figure 2/06-31-00-990-823

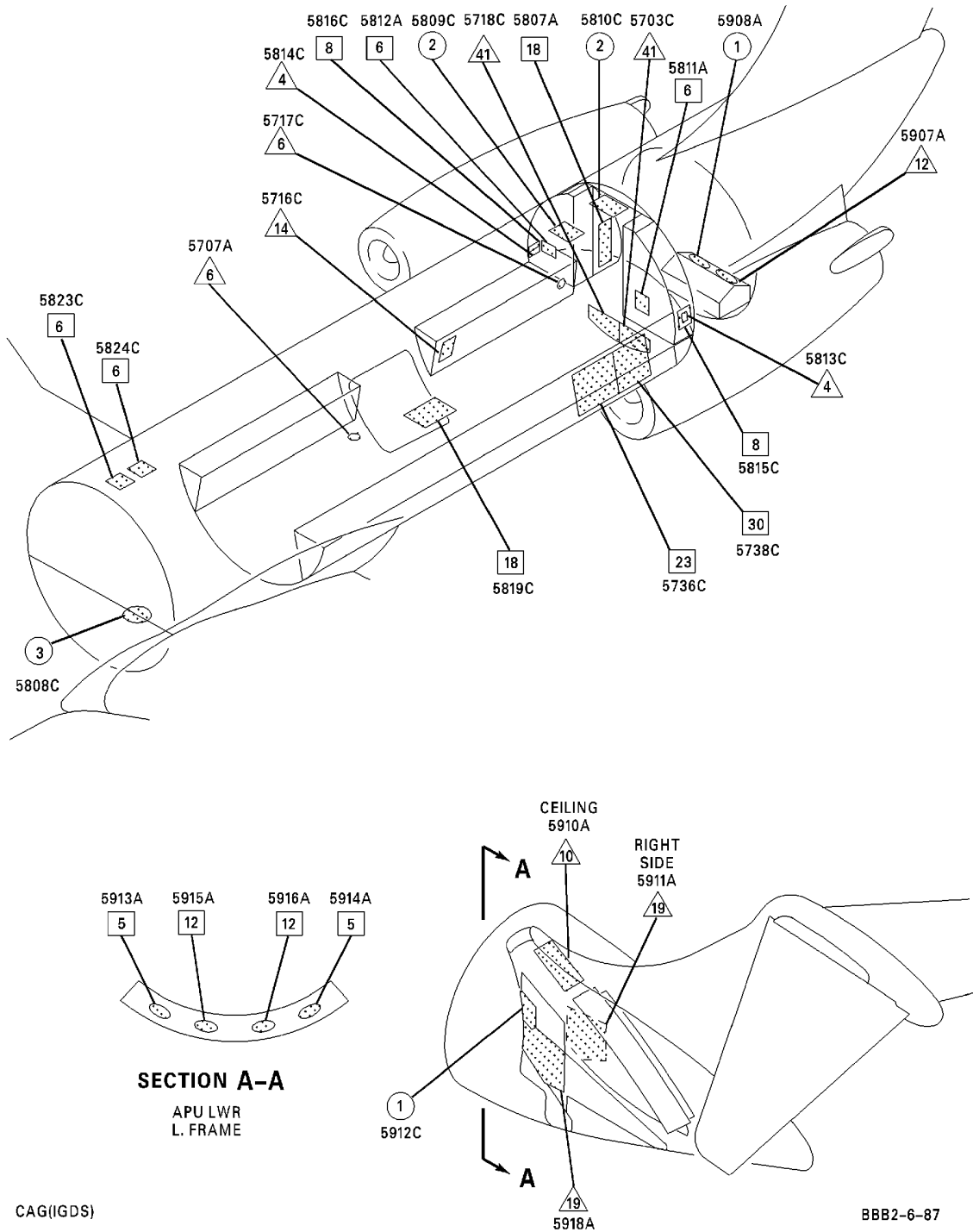
EFFECTIVITY
WJE 401-404, 406-408, 411, 412, 414-419, 421, 423,
425-427, 863-866, 868, 869, 871, 872, 875-879, 886,
887

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**Internal Access Doors - Aft Fuselage
Figure 3/06-31-00-990-824**

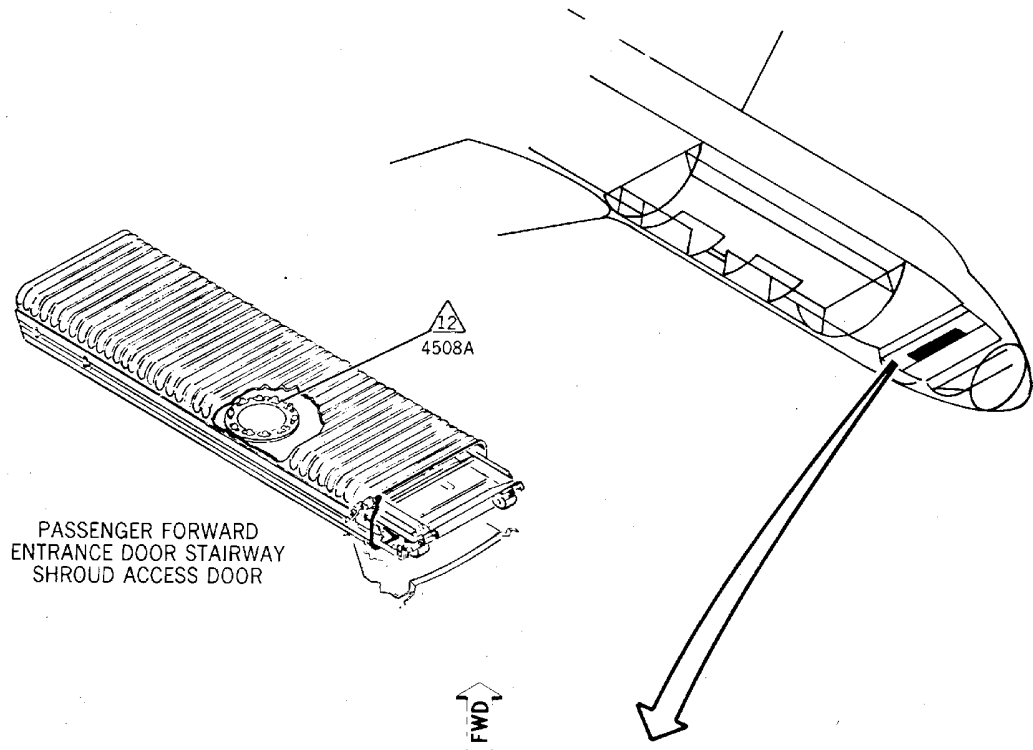
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WJE 401-404, 406-408, 411, 412, 414-419, 421, 423,
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887

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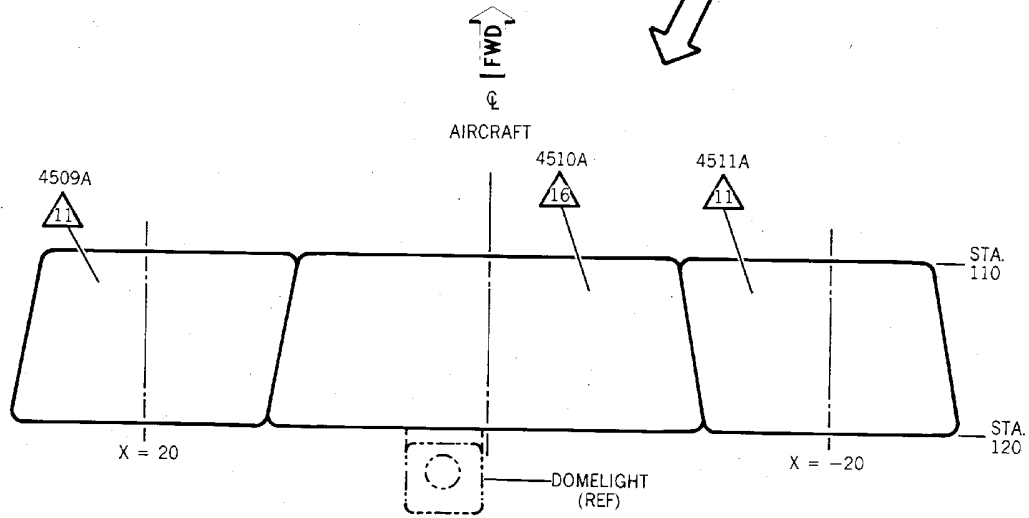
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PASSENGER FORWARD
ENTRANCE DOOR STAIRWAY
SHROUD ACCESS DOOR



VIEW LOOKING DOWN AT Z = -10
HEAT DIVERTER INSTALLATION
E/E COMPARTMENT

BBB2-6-29A

**Internal Access Doors - Radio/Electrical Equipment Compartment
Figure 4/06-31-00-990-825**

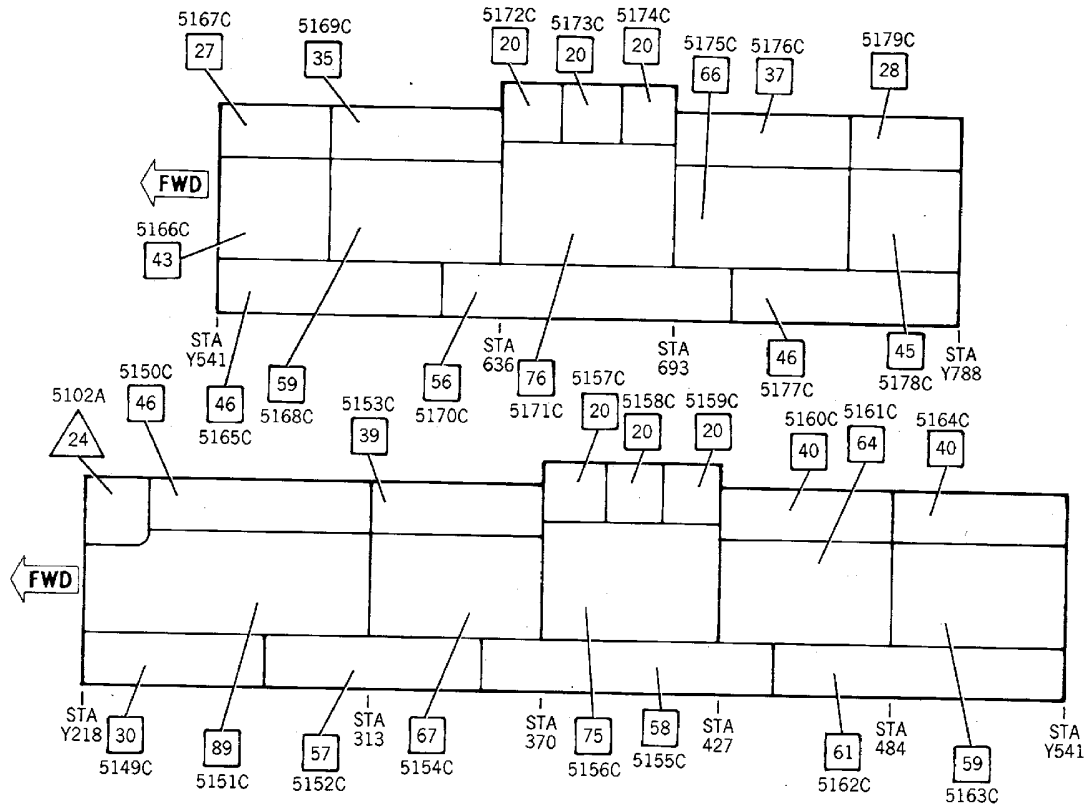
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WJE 401-404, 406-408, 411, 412, 414-419, 421, 423,
425-427, 863-866, 868, 869, 871, 872, 875-879, 886,
887

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CEILING LOOKING DOWN

BBB2-6-30

Internal Access Doors - Forward and Mid Cargo Compartments
Figure 5/06-31-00-990-826

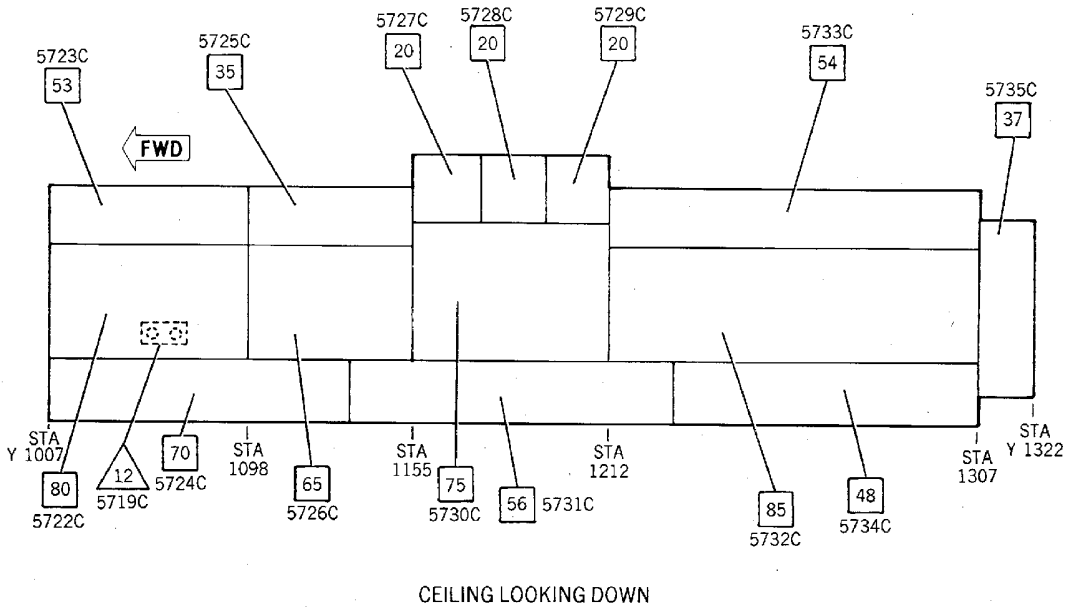
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WJE 401-404, 406-408, 411, 412, 414-419, 421, 423,
425-427, 863-866, 868, 869, 871, 872, 875-879, 886,
887

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BBB2-6-37

**Internal Access Doors - Aft Cargo Compartment
Figure 6/06-31-00-990-827**

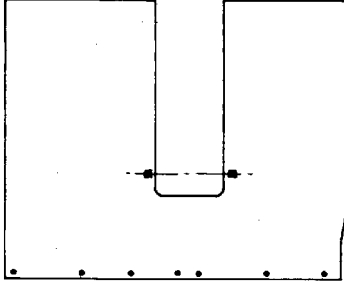
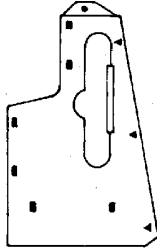
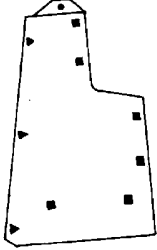

EFFECTIVITY
WJE 401-404, 406-408, 411, 412, 414-419, 421, 423,
425-427, 863-866, 868, 869, 871, 872, 875-879, 886,
887

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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER
3	4415A		<ul style="list-style-type: none"> ● 7 NAS1203-2 ■ 2 NAS1203-17
3	4408A		<ul style="list-style-type: none"> ■ 6 NAS1203-17 ▲ 3 NAS1203-3 ■ 1 NAS1203-2
3	4419A		<ul style="list-style-type: none"> ■ 6 NAS1203-17 ▲ 3 NAS1203-3 ● 1 NAS1203-2
3	4412A 4417A		<ul style="list-style-type: none"> ■ 2 NAS1203-17 ▲ 3 NAS1203-3 ● 2 NAS1203-2

BBB2-6-31A

Internal Access Doors - Access Symbol and Type Fastener
Figure 7/06-31-00-990-828 (Sheet 1 of 6)

EFFECTIVITY

WJE 401-404, 406-408, 411, 412, 414-419, 421, 423, 425-427, 863-866, 868, 869, 871, 872, 875-879, 886, 887

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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER
3	4413A		■ 2 NAS1203-17
3	4414A		▲ 3 NAS1203-3
			● 2 NAS1203-2
3	4411A		■ 2 NAS1203-17
3	4416A		▲ 3 NAS1203-3
			● 2 NAS1203-2
5	4601A		▲ 3 4002-7
			⊘ 2 4002-20
5	4603A		▲ 4 4002-7
			⊘ 3 4002-20

BBB2-6-32

Internal Access Doors - Access Symbol and Type Fastener
Figure 7/06-31-00-990-828 (Sheet 2 of 6)

EFFECTIVITY

WJE 401-404, 406-408, 411, 412, 414-419, 421, 423, 425-427, 863-866, 868, 869, 871, 872, 875-879, 886, 887

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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER
6	5112C		+ NAS333CPA4 ⊕ NAS333CPA5
6	5115C		⊕ NAS333CPA4-5 + NAS333CPA4 ⊕ NAS333CPA5
6	5116C		+ 7NAS333CPA4 ⊕ 28NAS333CPA5 ⊕ 6NAS333CPA4-5

BBB2-6-77

Internal Access Doors - Access Symbol and Type Fastener
Figure 7/06-31-00-990-828 (Sheet 3 of 6)

EFFECTIVITY

WJE 401-404, 406-408, 411, 412, 414-419, 421, 423, 425-427, 863-866, 868, 869, 871, 872, 875-879, 886, 887

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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER
5	5103C		● 28 2600-6
5	5141C		■ 1 2600-7
5	5143C		- 16 2600-8 ▲ 15 2600-9
5	5105C		● 32 2600-6
5	5145C		■ 6 2600-7
5	5147C		- 17 2600-8 ▲ 5 2600-9
3	4410C		● 12 NAS1203-2
3	4434C		■ 2 NAS1203-17

BBB2-6-34A

Internal Access Doors - Access Symbol and Type Fastener
Figure 7/06-31-00-990-828 (Sheet 4 of 6)

EFFECTIVITY

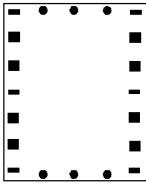
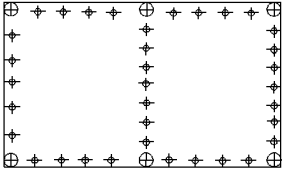
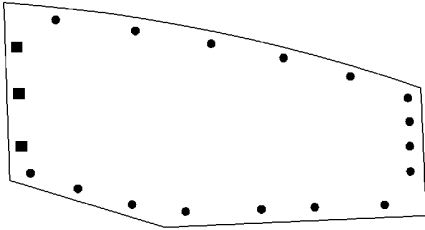
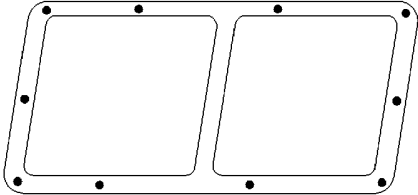
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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOLS & TYPE FASTENER
8 8 8	5704C 5714C 5715C		<ul style="list-style-type: none"> • 6-2600-6 ■ 8-2600-7 - 6-2600-8
5 5	5130C 5134C		<ul style="list-style-type: none"> ⊕ 6 NAS333CPA5 + 35 NAS333CPA4-5
8 8	5911A 5918A		<ul style="list-style-type: none"> ■ 3-27S3-21 • 16-27S3-20
8	5910A		<ul style="list-style-type: none"> • 10-27S3-20

CAG(IGDS)

BBB2-6-35B

Internal Access Doors - Access Symbol and Type Fastener
Figure 7/06-31-00-990-828 (Sheet 5 of 6)

EFFECTIVITY

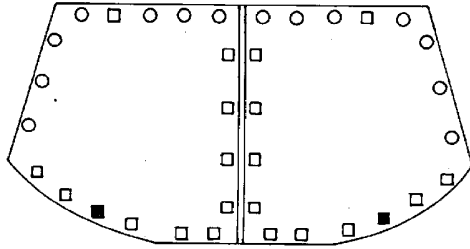
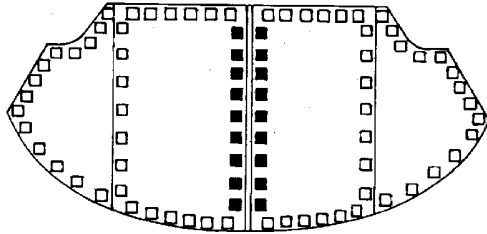
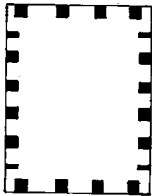
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PAGE NUMBER	DOOR NUMBER	DOOR	ACCESS SYMBOL & TYPE FASTENER
5 6	5107C 5138C		○ 7-2600-3 □ 10-2600-5 ■ 1-2600-7
8 8	5703C 5718C		■ 7-2600-7 □ 34-2600-5
6	5136C		■ 16-2600-7 ■ 4-2600-8

BBB2-6-36A

Internal Access Doors - Access Symbol and Type Fastener
Figure 7/06-31-00-990-828 (Sheet 6 of 6)

EFFECTIVITY

WJE 401-404, 406-408, 411, 412, 414-419, 421, 423, 425-427, 863-866, 868, 869, 871, 872, 875-879, 886, 887

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AIRCRAFT MAINTENANCE MANUAL
STATIONS - DESCRIPTION AND OPERATION

1. General

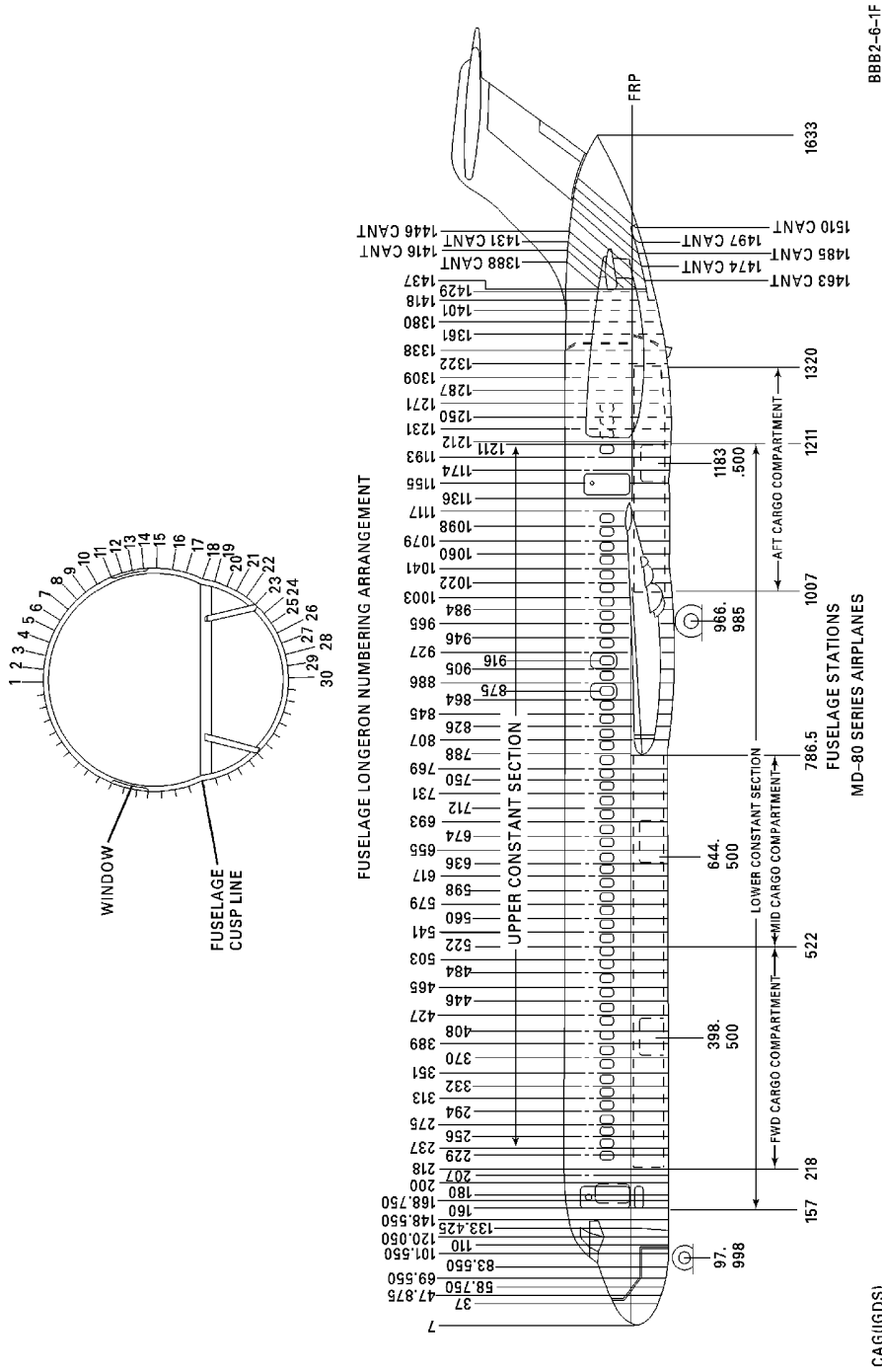
- A. This section depicts the station diagrams for the fuselage, wings, vertical stabilizer and horizontal stabilizer.



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CAG(I/GDS)

**Fuselage Station Diagram
Figure 1/06-40-00-990-801**

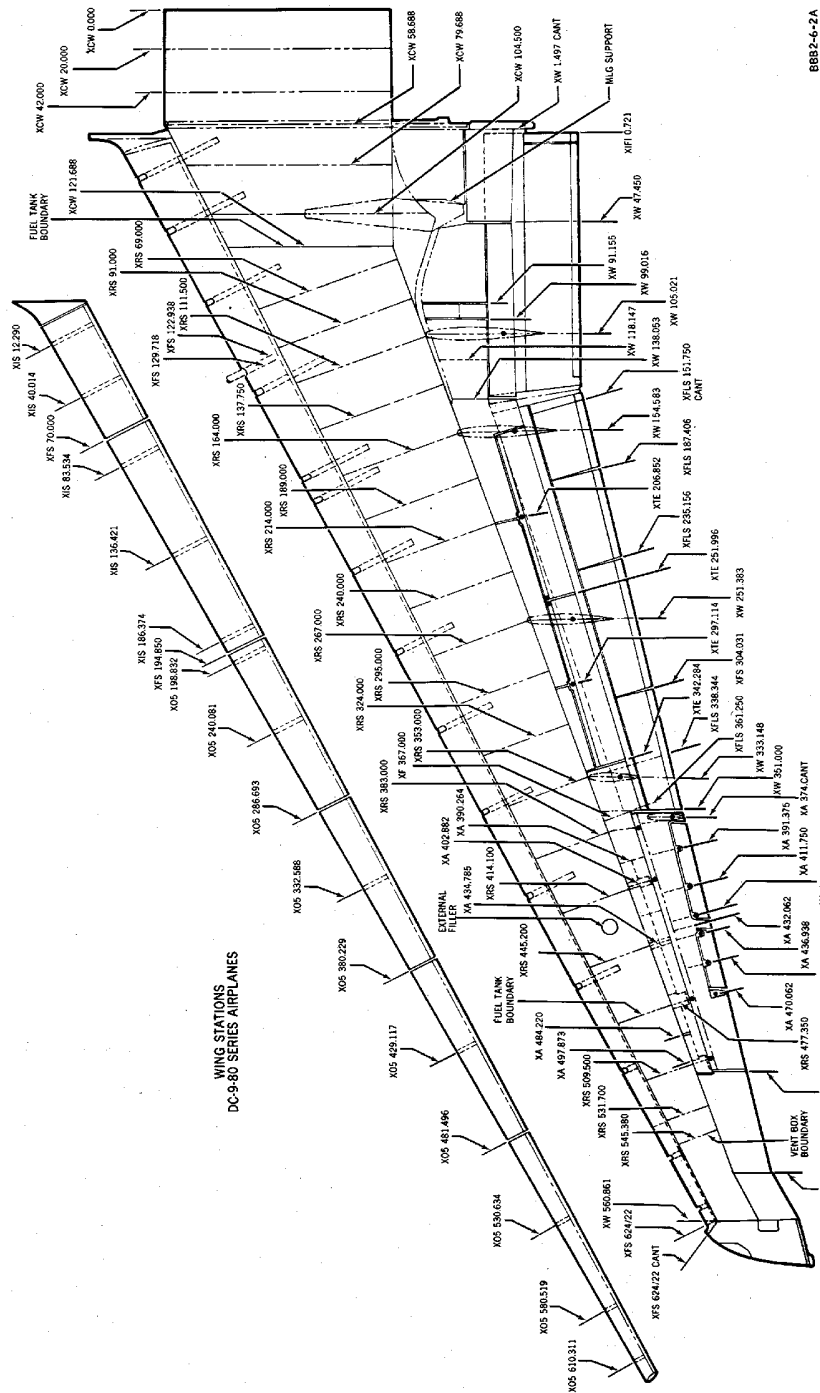
EFFECTIVITY
WJE ALL

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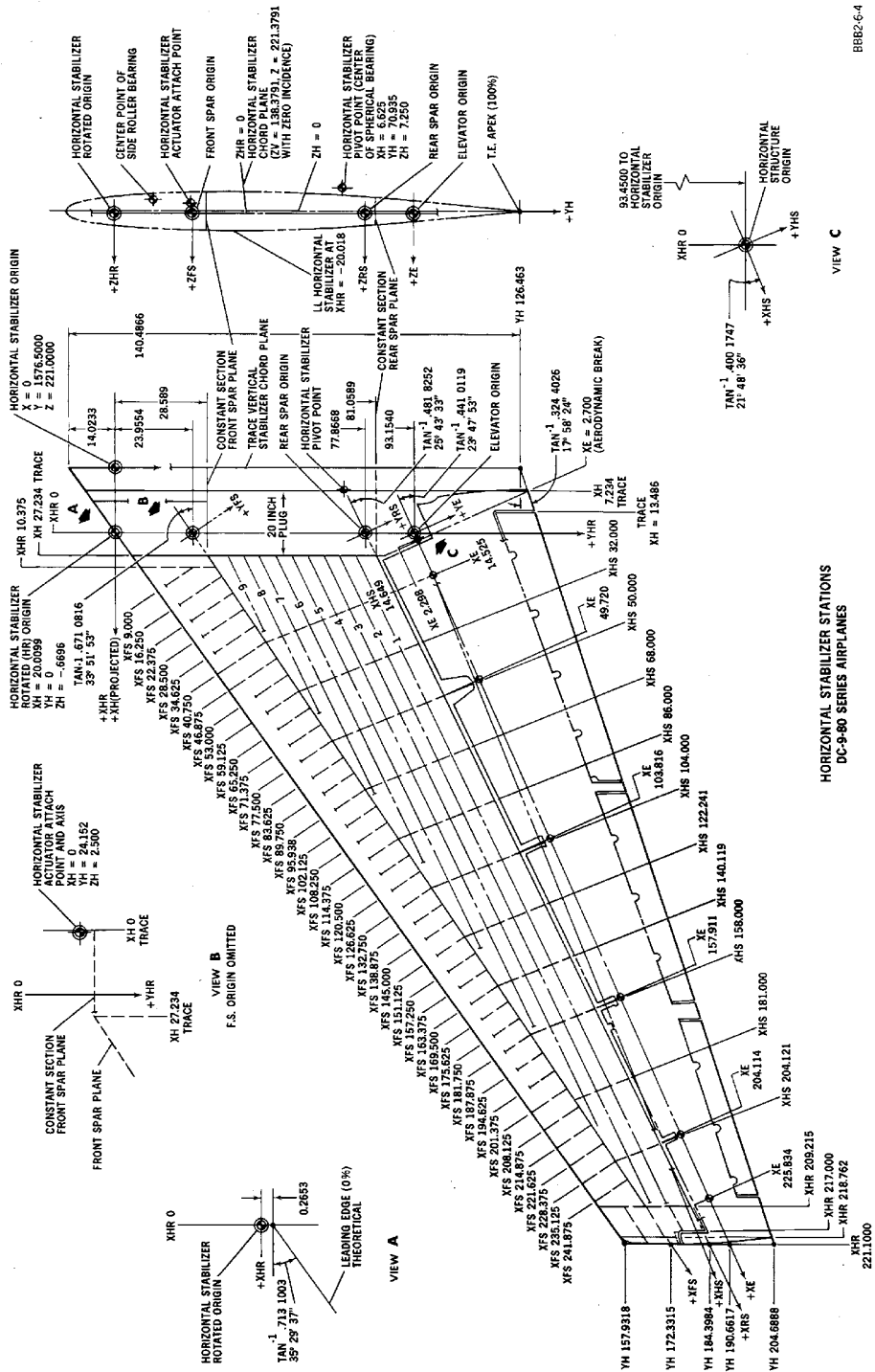
**Wing Station Diagram
Figure 2/06-40-00-990-802**

EFFECTIVITY
WJE ALL

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BB2-6-4

HORIZONTAL STABILIZER STATIONS
DC-9-80 SERIES AIRPLANES

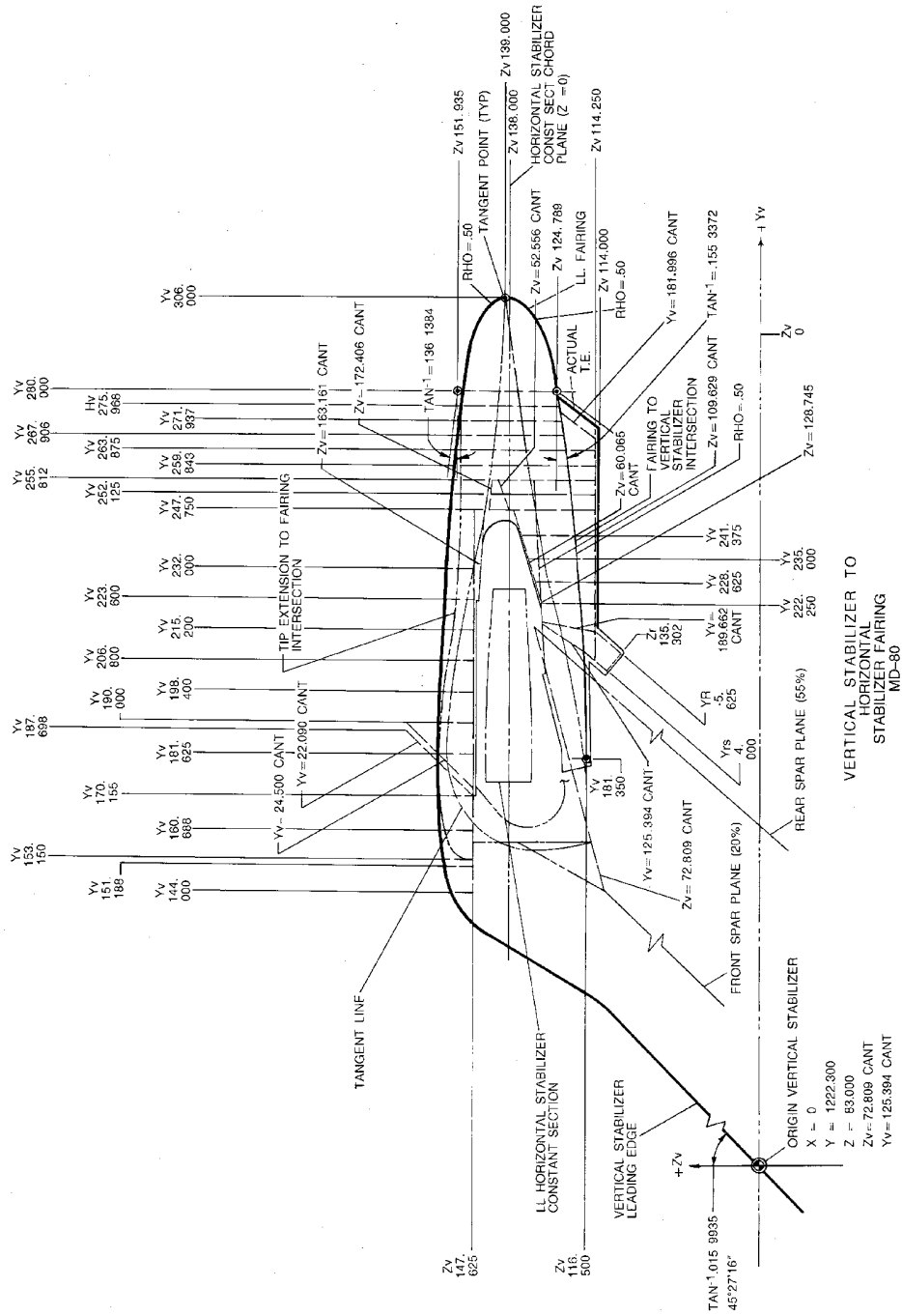
Horizontal Stabilizer Station Diagram
Figure 4/06-40-00-990-804

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WJE ALL

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Vertical Stabilizer to Horizontal Stabilizer Fairing
Figure 5/06-40-00-990-805

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WJE ALL

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