

Scandinavian Airlines System

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CHAPTER 06 - DIMENSIONS AND AREAS

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DIMENSIONS AND AREAS - DESCRIPTION AND OPERATION

1. Reference Planes and Lines

A. General (Fig. 1)

(1) This section tells you about reference planes and lines. Reference planes divide the airplane into stations, waterlines, and buttock lines. This system gives you a procedure to quickly identify component location, weight distribution, and center of gravity.

B. Standard Abbreviations

(1) Fuselage

B STA, BS, or STA	The Body (Fuselage) Station is a plane vertical to the fuselage centerline. The plane is measured from a point 92.50 inches forward of the nose.
BBL or BL	The Body (Fuselage) Buttock Line is a vertical plane parallel to the fuselage vertical centerline plane, BBL 0.00. It is found by its vertical distance from the fuselage centerline plane.
BRP	The Body (Fuselage) Reference Plane is a plane vertical to the BBL centerline plane that goes through BWL 200.00 at the top surface of the main deck floor beams.
BWL or WL	The Body (Fuselage) Waterline is a plane vertical to the BBL centerline plane and parallel to the fuselage centerline. It is found by its vertical distance from the parallel, imaginary plane BWL 0.00, 106.7 inches below the lowest fuselage surface.

(2) Vertical Stabilizer

FIN STA	The Fin Station is a plane vertical to the centerline of the vertical stabilizer rear spar. Distance is measured from the Fin Station 0.00, which is the intersection of the rear spar centerline extension and the body waterline 299.46.
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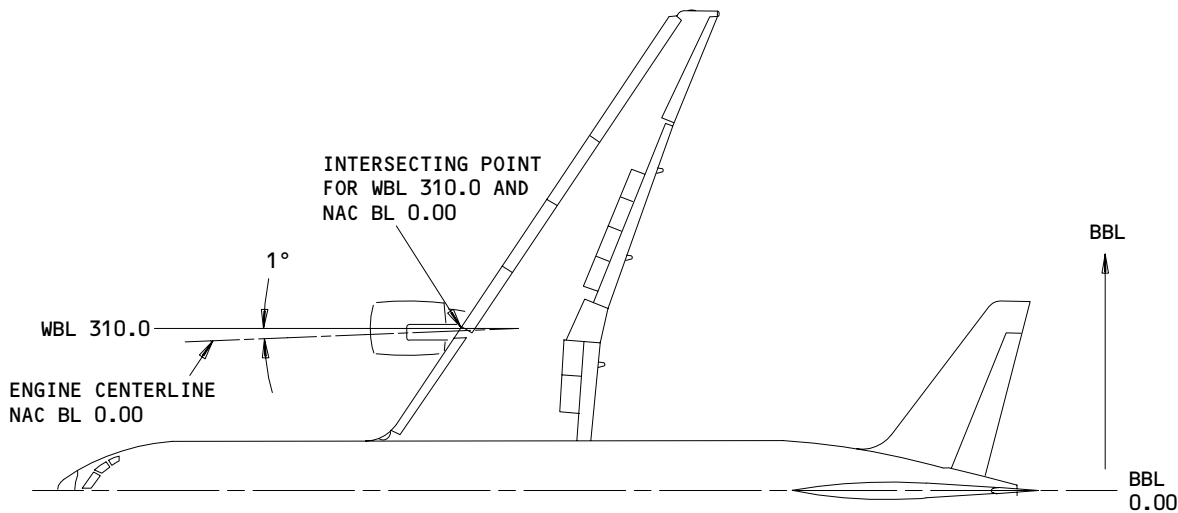
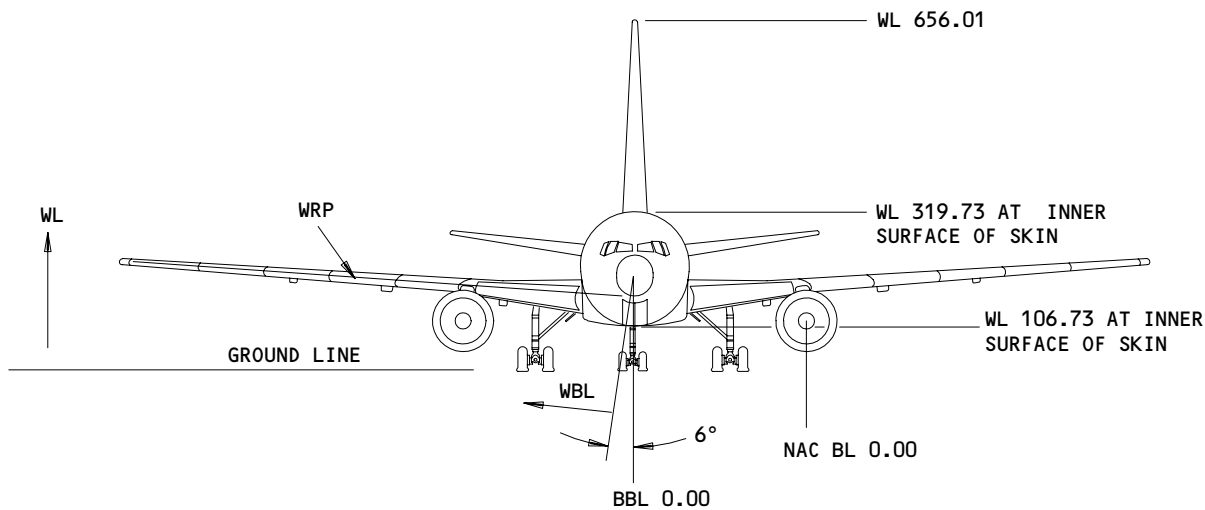
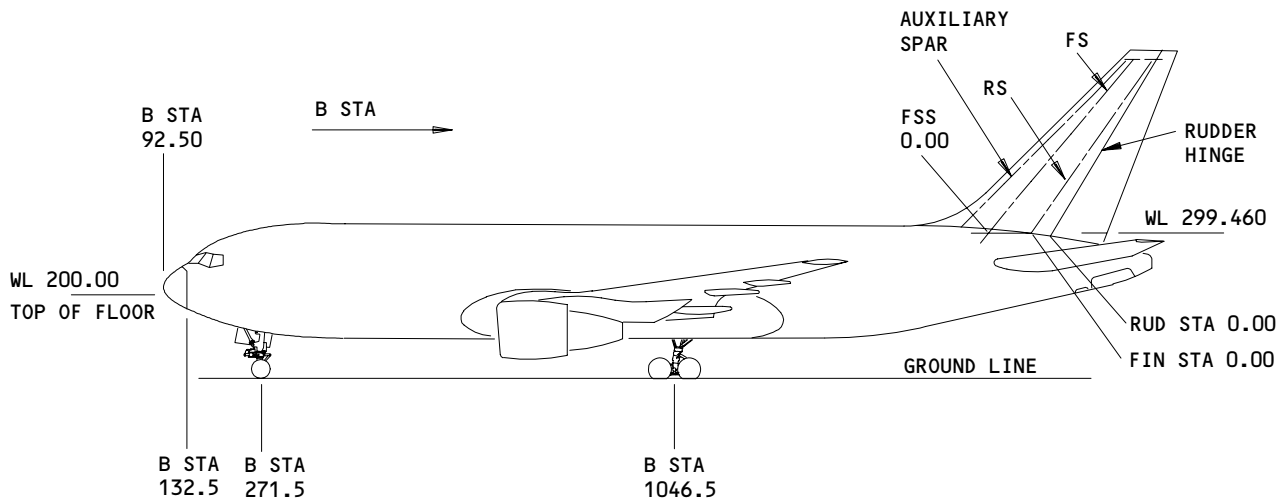
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Reference Planes and Lines
Figure 1 (Sheet 1)

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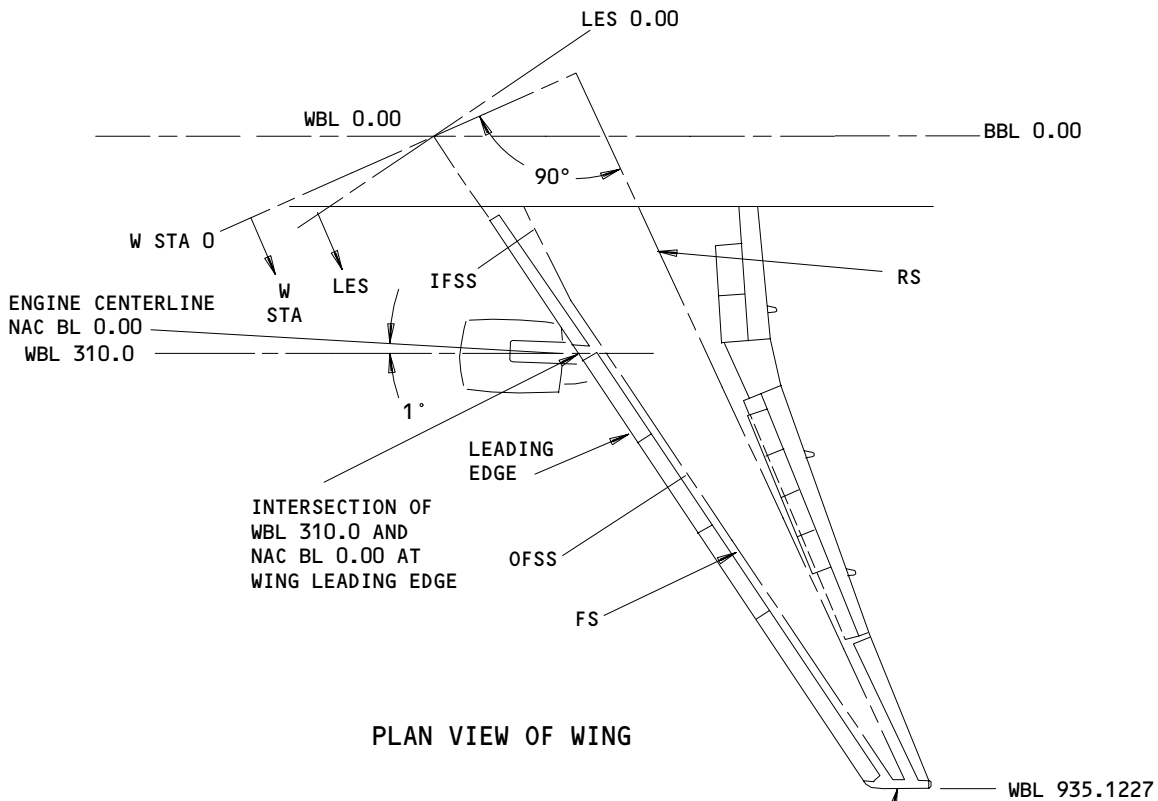
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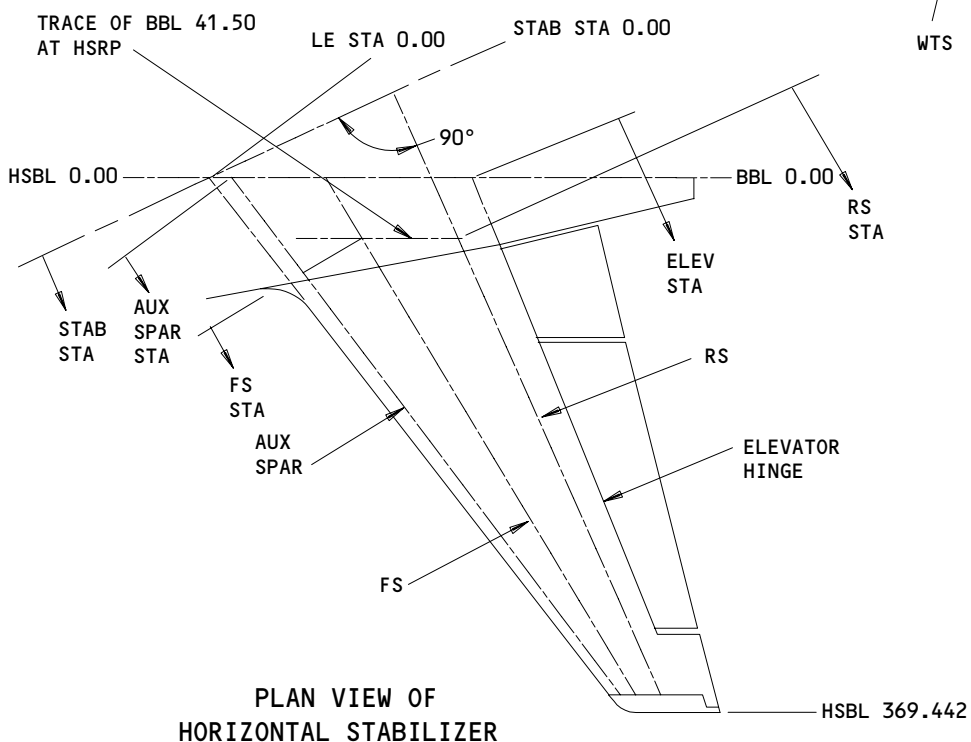
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PLAN VIEW OF WING



PLAN VIEW OF HORIZONTAL STABILIZER

Reference Planes and Lines
Figure 1 (Sheet 2)

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FSS	The Front Spar Station is a plane vertical to the vertical stabilizer front spar. The plane is measured from the fin front spar station 0.00, which is the intersection of the front spar centerline extension and the body waterline 299.46.
RUD STA	The Rudder Station is a plane vertical to the rudder hinge centerline. The plane is measured from Rudder Station 0.00, which is the intersection of the rudder hinge centerline and the body waterline 299.46.

(3) Horizontal Stabilizer

AUX SPAR STA	The Auxiliary Spar Station is a plane vertical to the horizontal stabilizer auxiliary spar. The plane is measured from Auxiliary Spar Station 0.00, which is the intersection of the auxiliary spar extension and the stabilizer buttock line 0.00.
ELEV STA	The Elevator Station is a plane vertical to the elevator hinge centerline. The plane is measured from the intersection of the elevator hinge centerline and the stabilizer buttock line 0.00.
FS STA	The Front Spar Station is a plane vertical to the horizontal stabilizer front spar. The plane is measured from Front Spar Station 0.00, which is the intersection of the front spar and the trace of body buttock line 41.50 at the horizontal stabilizer reference plane.
HSBL	The Horizontal Stabilizer Buttock Line is a plane vertical to the horizontal stabilizer reference plane and parallel to the trace of the fuselage centerline. It is measured from stabilizer Buttock Line 0.00, which is the intersection of the horizontal stabilizer reference plane of the body buttock line 0.00.

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HSRP	The Horizontal Stabilizer Reference Plane is a datum plane of the horizontal stabilizer. It has a slope of 7 degrees up in relation to the BWL plane at the intersection of the BWL 238.015 and BBL 0.00 planes.
LE STA	The Leading Edge Station is a plane vertical to the horizontal stabilizer leading edge. It is measured from Stabilizer Leading Edge Station 0.00, which is the intersection of the leading edge line extension and the stabilizer buttock line 0.00.
RS STA	The Rear Spar Station is a plane vertical to the horizontal stabilizer rear spar. It is measured from Rear Spar Station 0.00, which is the intersection of the rear spar and the trace of body buttock line 41.50 at the horizontal stabilizer reference plane.
STAB STA	The Stabilizer Station is a plane vertical to the stabilizer rear spar and the horizontal stabilizer reference plane. Stabilizer station 0.00 is at the intersection of the leading edge extension, body buttock line 0.00, and the horizontal stabilizer reference plane.

(4) Wing

FS or RS	The Wing Front Spar and Rear Spar are principal members along the spar and on the diagonal of the wing structure. they are vertical to the wing reference plane.
IFSS	The Inboard Front Spar Station is a plane vertical to the wing reference plane and the plane of the inboard front spar. It is measured from the intersection of the leading edge extension and the wing buttock line 0.00.

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LES	The Leading Edge Station is a plane vertical to the wing reference plane and the leading edge. It is measured from the intersection of the leading edge extension and the wing buttock line 0.00.
MAC	The Mean Aerodynamic Chord is the chord of a section of imaginary airfoil on the wing which would have vectors during the flight the same as those of the actual wing.
OFSS	The Outboard Front Spar Station is a plane vertical to the wing reference plane and the plane of the outboard front spar. It is measured from the intersection of the leading edge extension and the wing buttock line 0.00.
W STA	The Wing Station is a plane vertical to the wing reference plane and the plane of the rear spar. It is measured from the intersection of the extended leading edge and the wing buttock line 0.00.
WBL	The Wing Buttock Line is a plane vertical to the wing reference plane and parallel to the trace of the fuselage centerline. It is measured from the intersection of the wing reference plane and the body buttock line 0.00.
WRP	The Wing Reference Plane is a datum plane of the wing which has a slope of 6 degrees up in relation to the WBL plane at the intersection of the BWL 148.76 and BBL 0.00 planes.
WTS	The Wing Tip Station is a plane vertical to the wing reference plane and wing buttock line 0.00. It is measured from the intersection of the leading edge and the wing buttock line 0.00.

- (5) Nacelle
(a) NACELLE BUTTOCK LINE

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NAC BL	The Nacelle Buttock Line is a plane vertical to the wing reference plane and parallel to the nacelle centerline. The Nacelle Buttock Line 0.00 for the engine has an angle of 1 degree inboard from the Wing Buttock Line 310.00 at the wing leading edge.
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(b) NACELLE STATION

1) Pratt and Whitney PW4000 ENGINE as follows:

NAC STA	The Nacelle Station is a plane vertical to the nacelle centerline. It is measured from a point 95.45 inches forward of the face of the engine fan.
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(c) NACELLE WATERLINE

NAC WL	The Nacelle Waterline is a plane vertical to the NAC BL datum plane (NAC BL 0.00) and with a slope of 2.40534 degrees up from the wing reference plane. The NAC WL 100.00 (centerline of engine) is measured 68.47 inches down from the wing leading edge at WBL 310.
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DIMENSIONS AND AREAS - MAINTENANCE PRACTICES

1. General

- A. This procedure has three tasks. The first task gives the primary airplane dimensions. The second task gives the nose wheel angle and airplane clearance for minimum turn radius. The third task gives the major zones on the airplane.

TASK 06-00-00-222-001

2. Primary Airplane Dimensions (Fig 201)

A. General

- (1) Refer to Figure 201 for the primary dimensions of the airplane.

TASK 06-00-00-222-002

3. Towing and Taxiing Radii (Fig 201)

A. General

- (1) Refer to Figure 201 for the steering angle and airplane clearance for the minimum turn radius.

TASK 06-00-00-222-003

4. Zone System (Fig 202)

A. General

- (1) Refer to Figure 202 for the major zones on the airplane.

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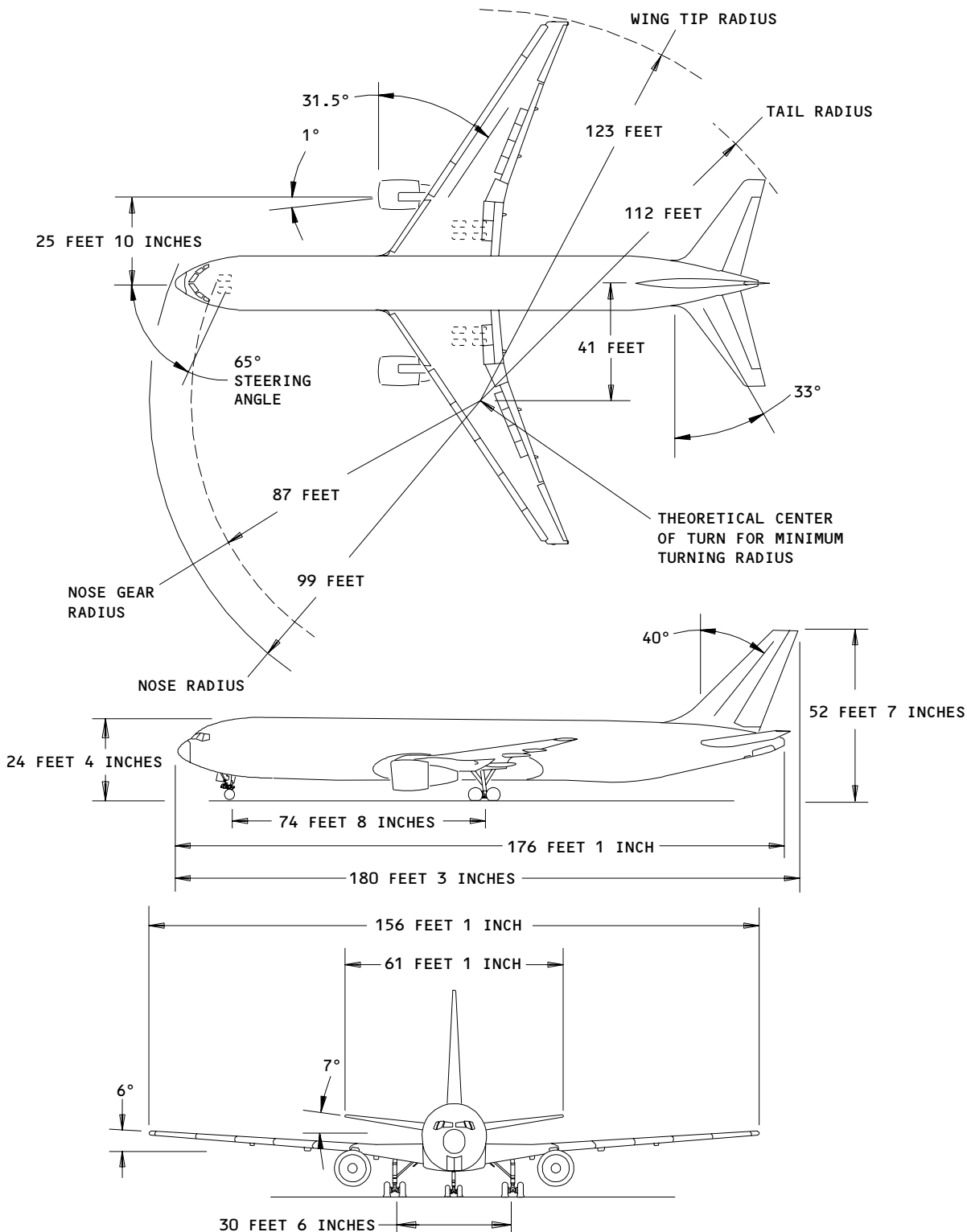
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Airplane Dimensions and Turning Radii
Figure 201

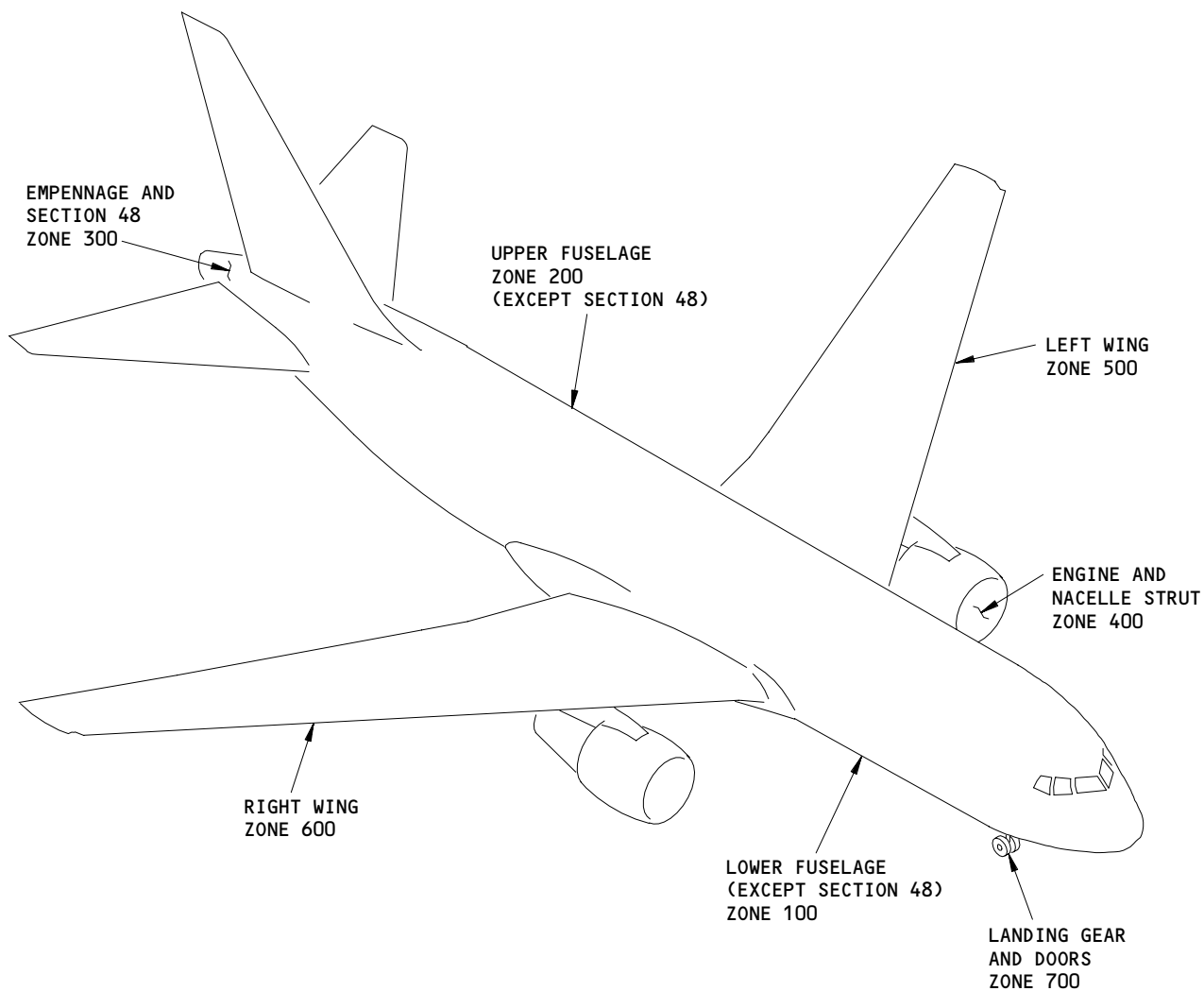
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NOTE: ENTRY, SERVICE AND CARGO DOORS
ZONE 800

Airplane Zoning System
Figure 202

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PRINCIPAL DIMENSIONS AND AREAS - MAINTENANCE PRACTICES

1. General

- A. This procedure contains dimensions for the wing, ailerons, flaps, horizontal stabilizer surfaces, vertical stabilizer surfaces, and body. This procedure also contains areas for the wing and stabilizer surfaces.

TASK 06-10-00-222-001

2. Principal Dimensions and Areas (Fig. 201)

A. General

- (1) This procedure contains dimensions for the wing, ailerons, flaps, horizontal stabilizer surfaces, vertical stabilizer surfaces, and body. This procedure also contains areas for the wing and stabilizer surfaces.

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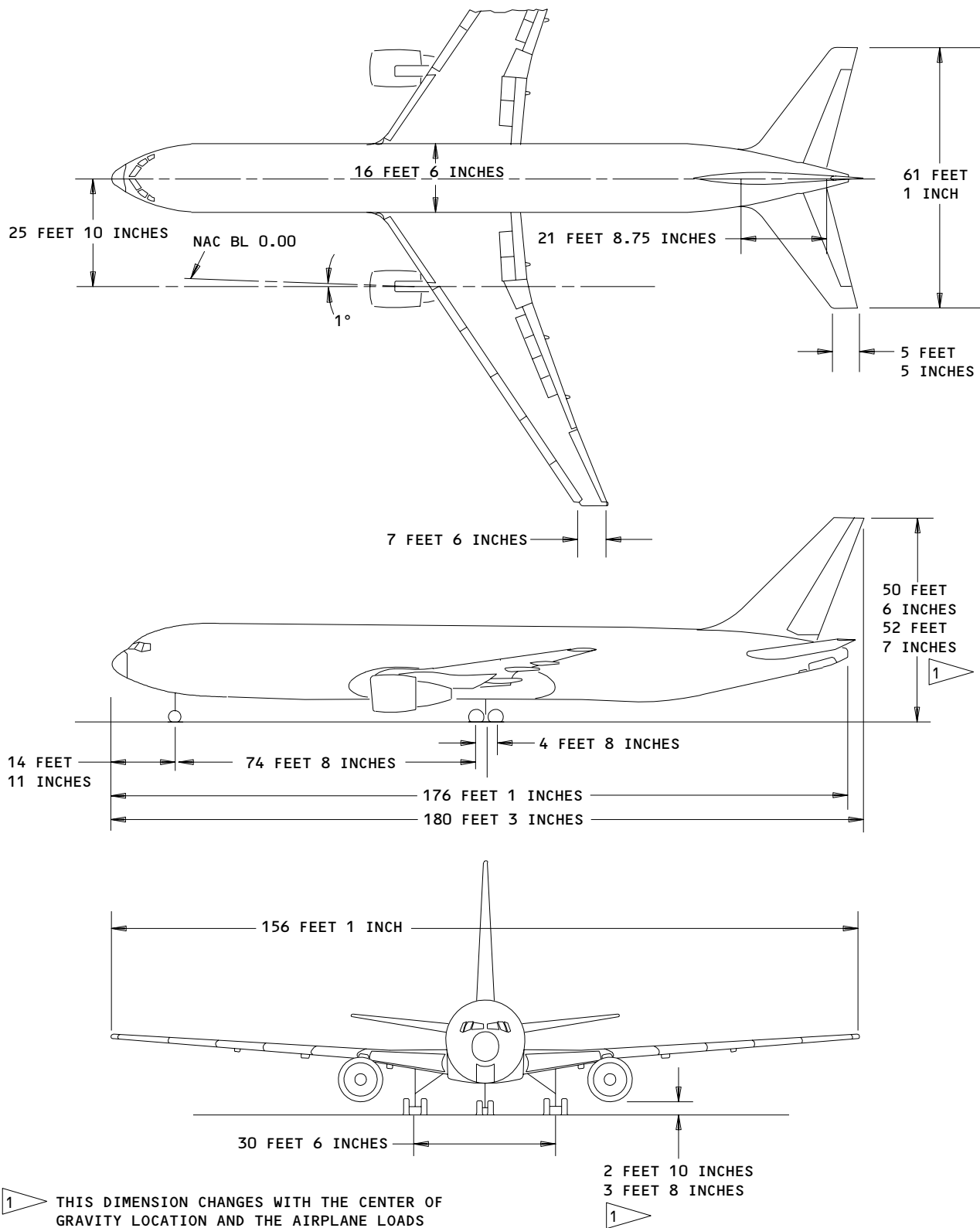
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Principal Dimensions
Figure 201

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DESCRIPTION/MODEL	767-200 (ENG)	767-200 (SI)	767-300 (ENG)	767-300 (SI)	SQUARE FEET (FT ²)	SQUARE METERS (M ²)
OVERALL AIRPLANE: - LENGTH FT/(M) - WIDTH FT/(M) - HEIGHT (VERTICAL STABILIZER TIP, TOP OF FAIRING TO THE GROUND FT/(M))	159.17 156.08 52.83	(48.51) (47.57) (16.10)	180.25 156.08 52.58	(54.94) (47.57) (16.03)		
WING: - BASIC CHORD (THEORETICAL, AT BODY CENTERLINE) FT/(M) - ROOT CHORD (THEORETICAL) FT/(M) - TIP CHORD (THEORETICAL) FT/(M) - PLANFORM TAPER RATIO - DIHEDRAL (WING REF PLANE IN RELATION TO THE BODY REFERENCE PLANE)(DEG) - SWEEPBACK (25 PERCENT OF CHORD LINE) (DEG) - ASPECT RATIO - MEAN AERODYNAMIC CHORD (BASIC WING ONLY AT WBL 31.45) FT/(M)	37.97 28.10 7.50 0.27 6.00 31.30 8.71 19.79	(11.57) (8.57) (2.29) 0.27 6.00 31.30 8.71 (6.03)	37.97 28.10 7.50 0.27 6.00 31.30 8.71 19.79	(11.57) (8.57) (2.29) 0.27 6.00 31.30 8.71 (6.03)		
HORIZONTAL STABILIZER: - SPAN FT/(M) - TAPER RATIO - SWEEPBACK (25 PERCENT OF CHORD LINE) (DEGREES) - DIHEDRAL (HORIZONTAL REF PLANE IN RELATION TO THE BODY REF PLANE)(DEG) - ASPECT RATIO	61.08 0.25 32.80 7.00 4.50	(18.62) 0.25 32.80 7.00 4.50	61.12 0.25 32.80 7.00 4.50	(18.63) 0.25 32.80 7.00 4.50		
VERTICAL STABILIZER: - HEIGHT FT/(M) - TAPER RATIO - SWEEPBACK (25 PERCENT OF CHORD LINE) (DEG) - ASPECT RATIO	29.71 0.30 40.00 1.78	(9.06) 0.30 40.00 1.78	29.71 0.30 40.00 1.78	(9.06) 0.30 40.00 1.78		
FUSELAGE: - HEIGHT OF BODY REF PLANE (TOP OF THE FLOOR BEAM WL 16.63) ABOVE GROUND AT MAIN GEAR FT/(M) - HEIGHT (CONSTANT CROSS-SECTION) ABOVE BODY REF PLANE FT/(M) - HEIGHT (CONSTANT CROSS-SECTION) BELOW BODY REF PLANE FT/(M) - HEIGHT TO CENTER LINE OF WINDOWS ABOVE BODY REF PLANE FT/(M) - HEIGHT FT/(M) - WIDTH FT/(M) - LENGTH FT/(M)	13.96 10.02 7.73 3.39 17.75 16.50 155.00	(4.25) (3.05) (2.36) (1.03) (5.41) (5.03) (47.24)	13.96 10.02 7.73 3.39 17.75 16.50 176.08	(4.25) (3.05) (2.36) (1.03) (5.41) (5.03) (53.67)		
AREA: - WING (BASIC) - HORIZONTAL STABILIZER SURFACES (TOTAL, INCLUDES ARE WITHIN FUSELAGE) - VERTICAL STABILIZER SURFACES (BASIC)					2759.00 836.00 496.75	256.32 77.67 46.15

NOTE: NOT ALL MODEL AIRPLANES

Airplane Specifications
Figure 202

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BODY STATION DIAGRAM - MAINTENANCE PRACTICES

TASK 06-21-00-992-001

1. Fuselage Station Diagrams (Fig. 201 - 206).

A. General

- (1) The fuselage station diagram gives you a reference system to help you find components, features, and major fuselage structural openings in relation to a datum plane. The datum plane is perpendicular to the fuselage centerline and found 92.50 inches forward of the airplane nose.

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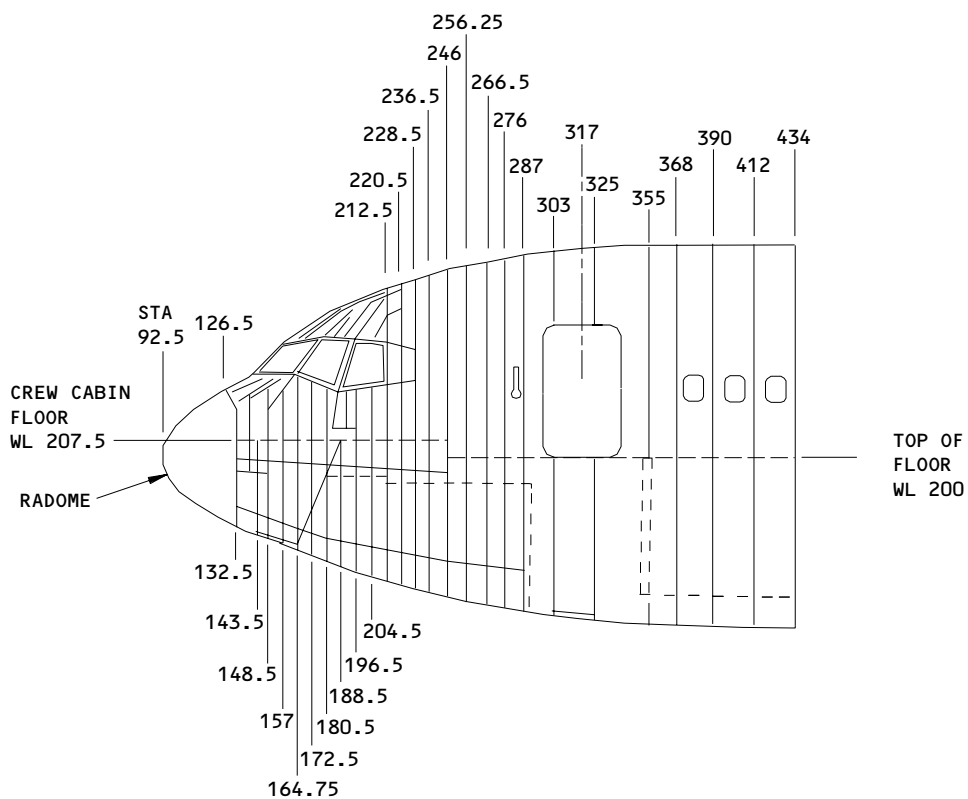
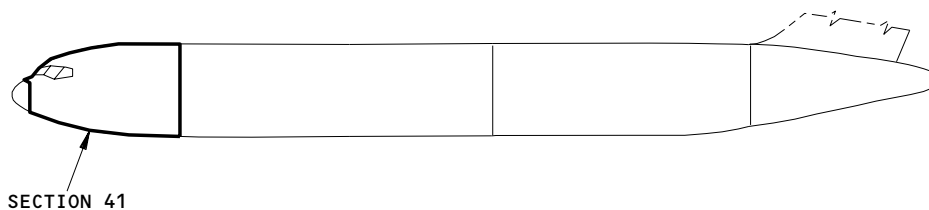
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Fuselage Station Diagram - Section 41
Figure 201

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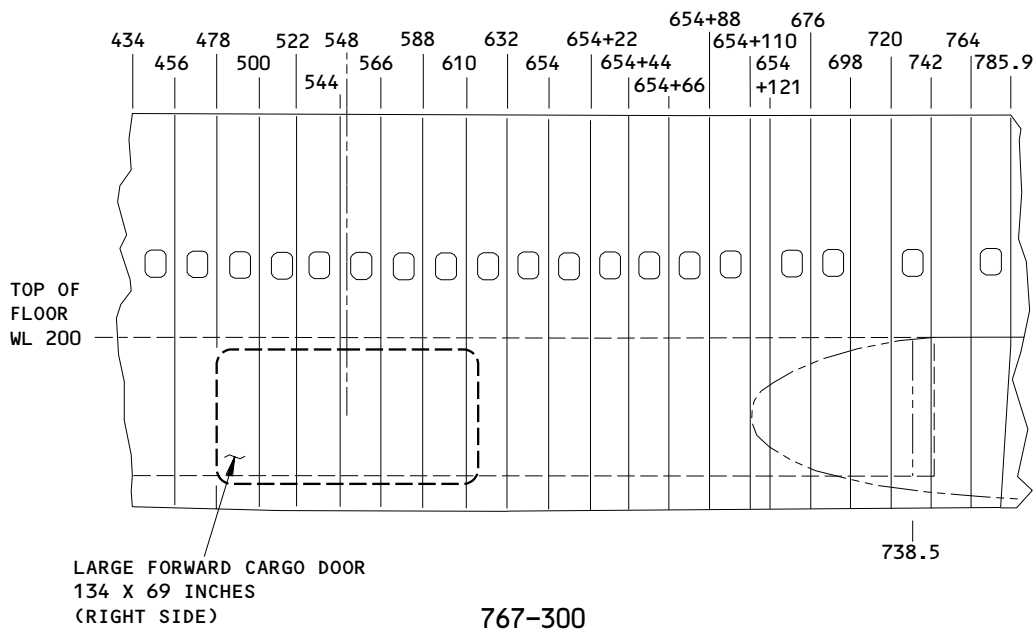
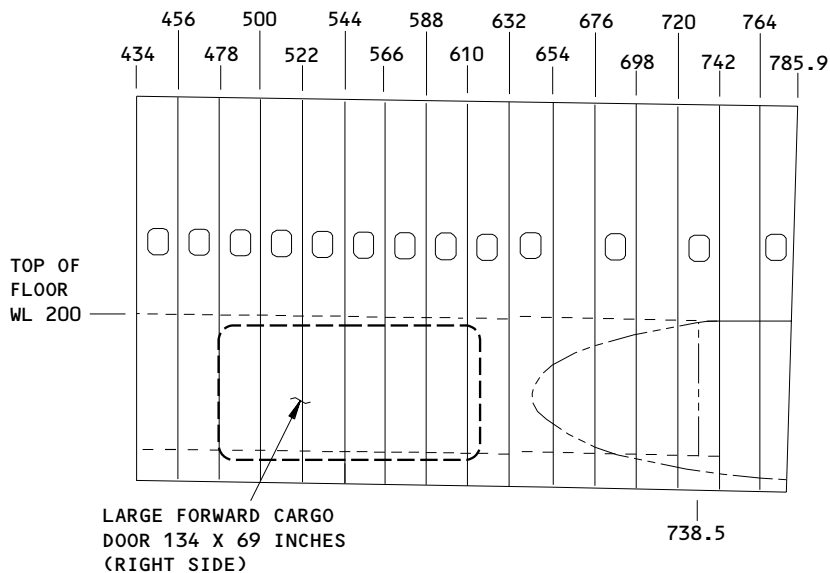
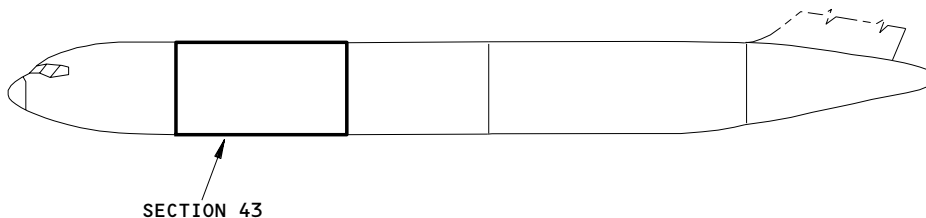
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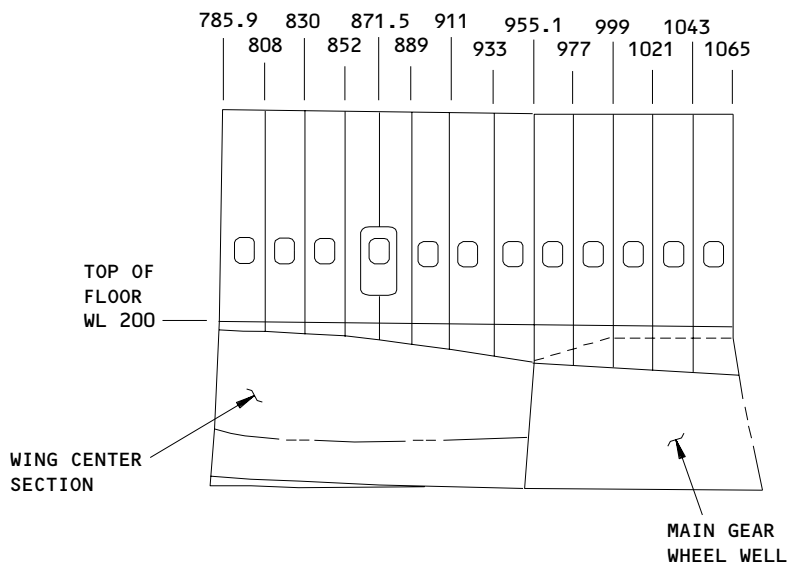
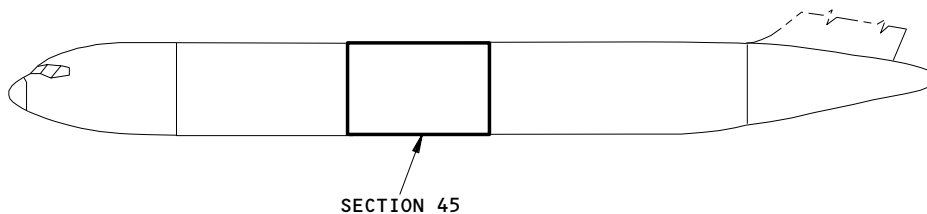
Fuselage Station Diagram - Section 43
Figure 202

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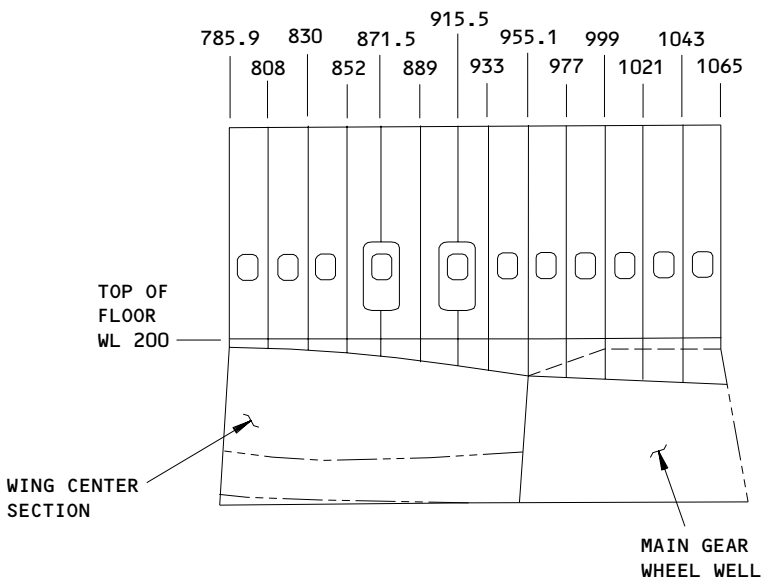
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SINGLE HATCH (STA 871.5)



DUAL HATCHES

Fuselage Station Diagram - Section 45
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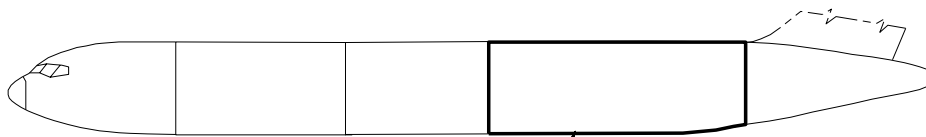
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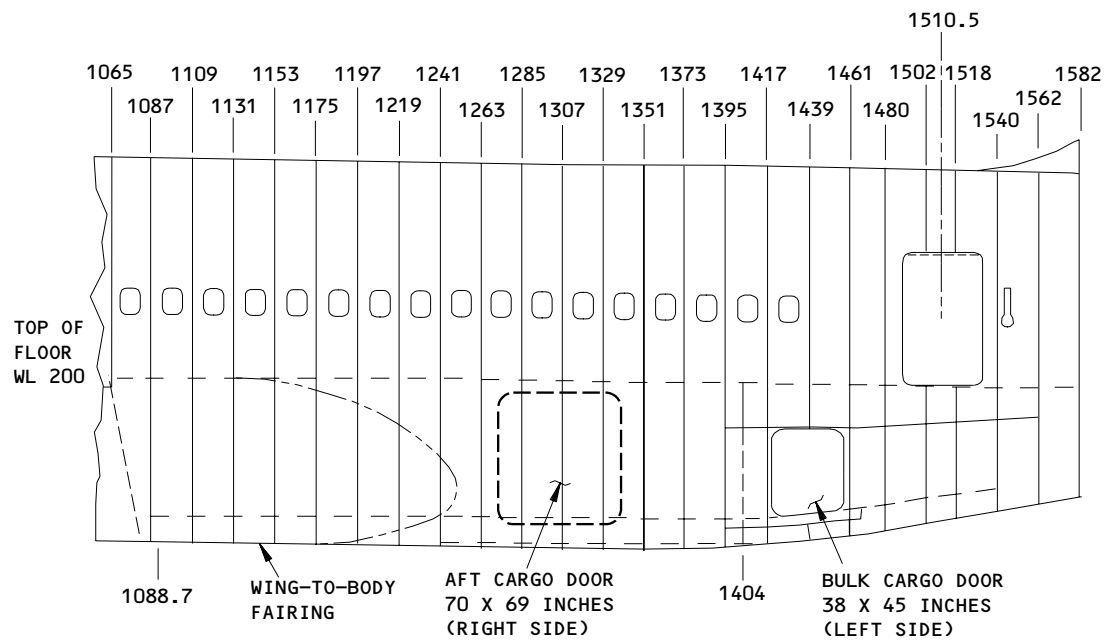
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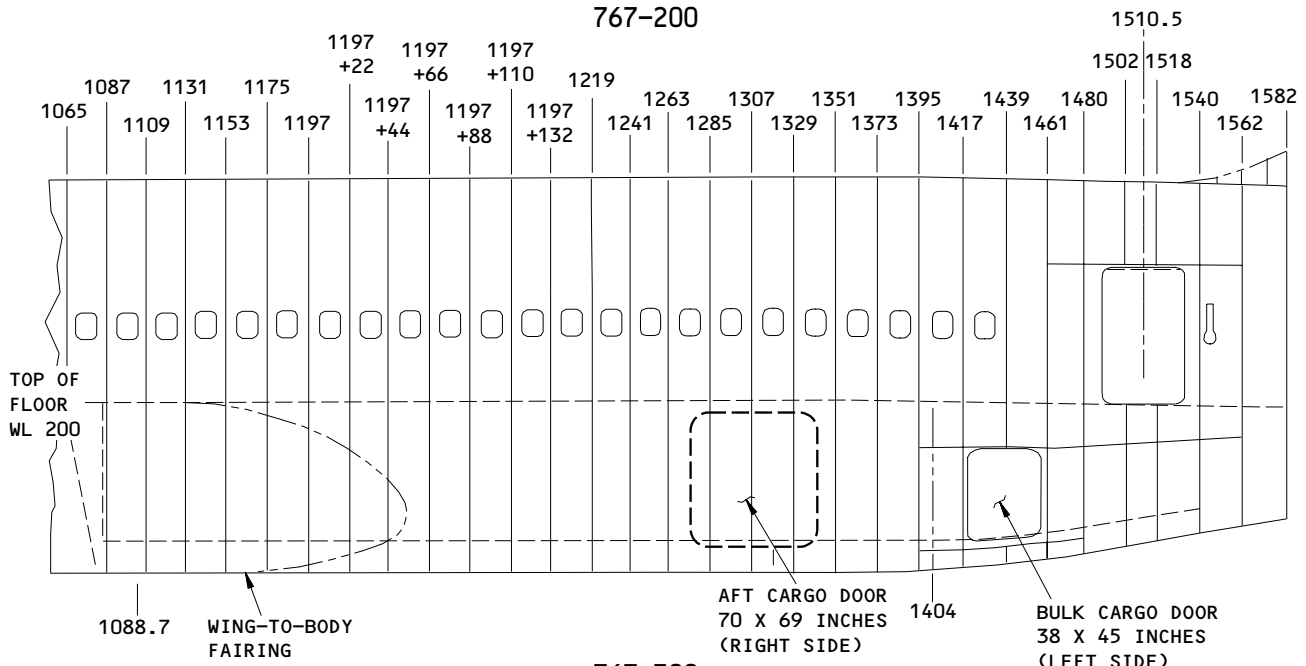
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SECTION 46



767-200



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Fuselage Station Diagram - Section 46
Figure 204

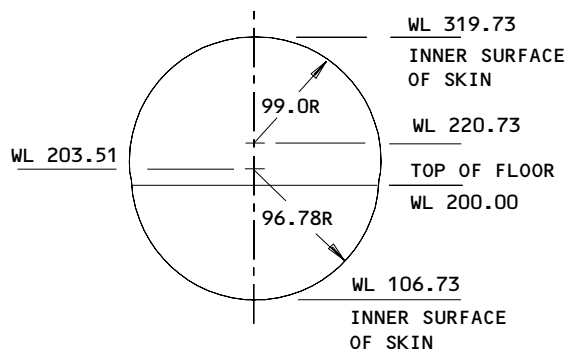
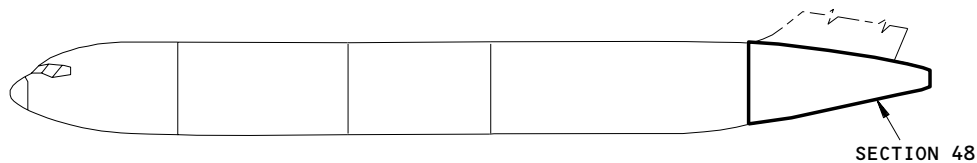
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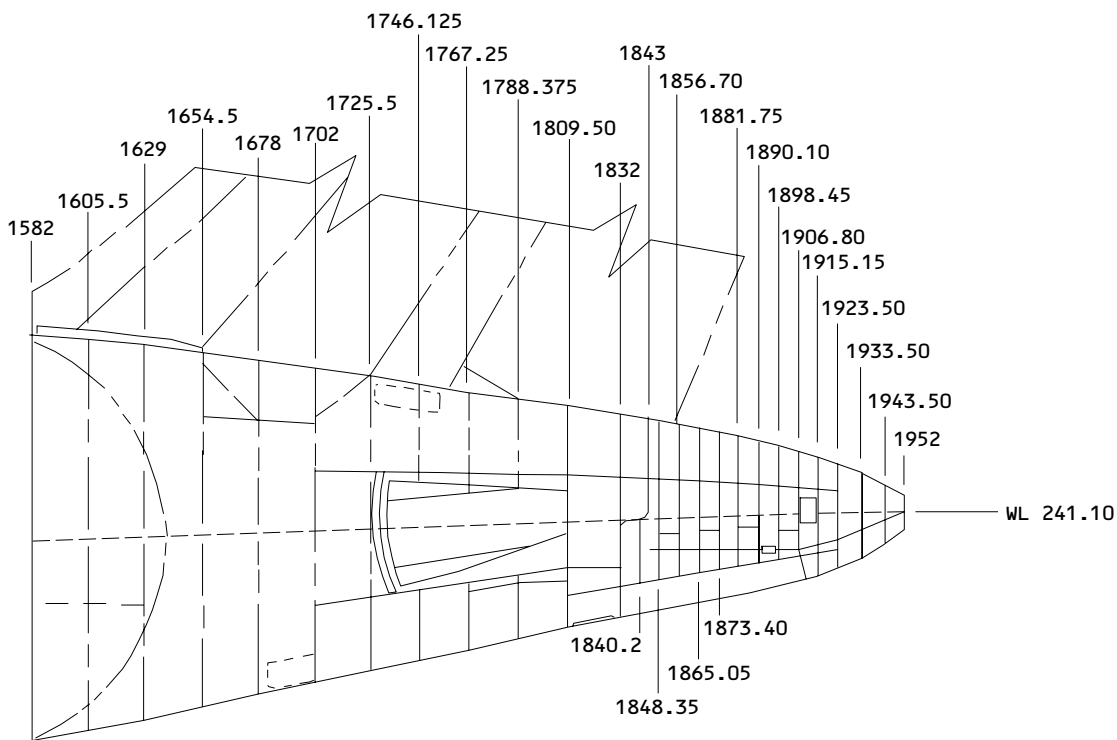
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REAR VIEW AT
CONSTANT SECTION



Fuselage Station Diagram - Section 48
Figure 205

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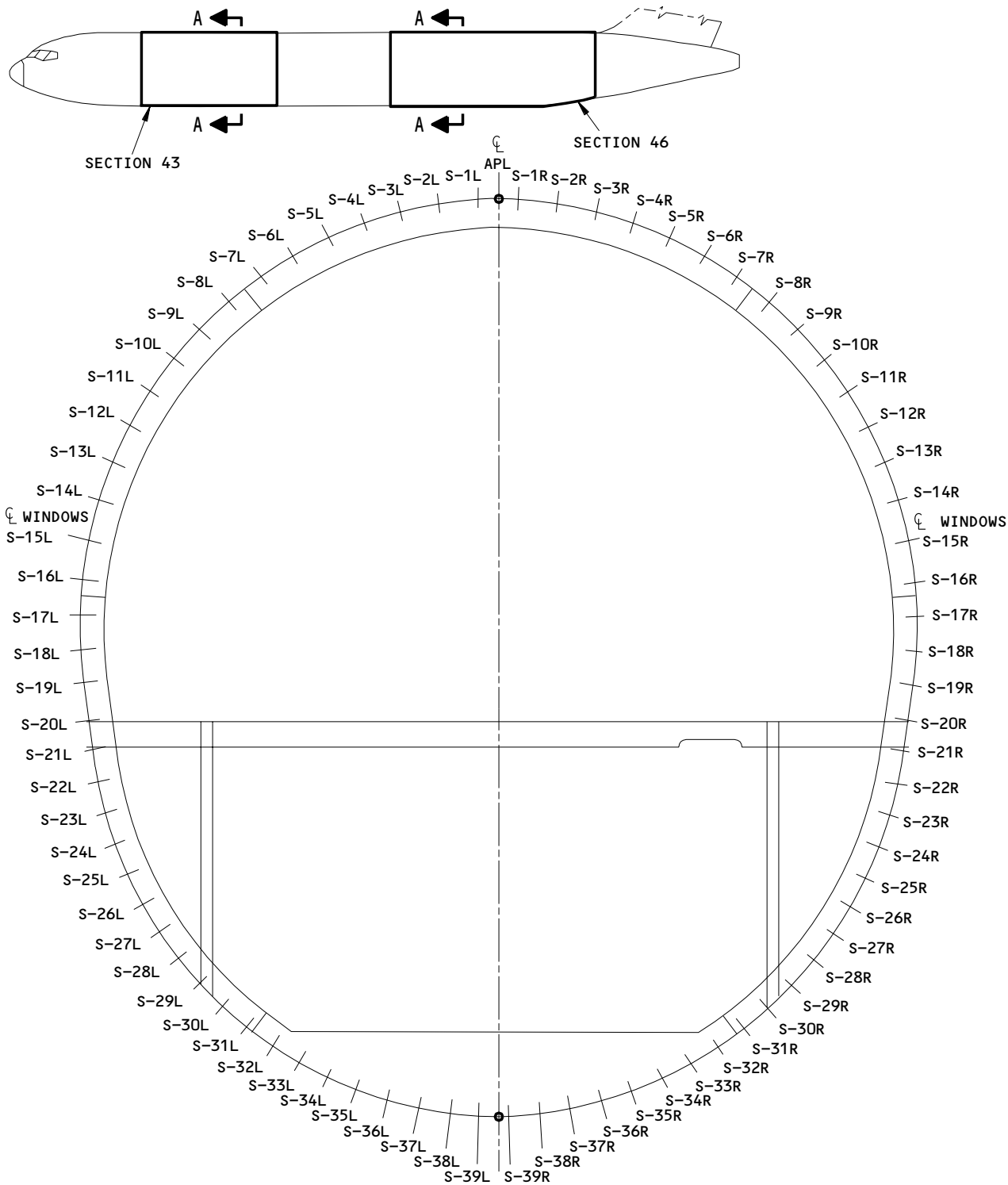
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FUSELAGE STRINGER NUMBERING ARRANGEMENT
(SECTIONS 43 AND 46)

A-A

Fuselage Station Diagram - Stringer Arrangement
Figure 206

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VERTICAL STABILIZER AND RUDDER STATION DIAGRAM – MAINTENANCE PRACTICES

1. General

A. The vertical stabilizer and rudder station diagram gives you the locations of the structural components and features on the vertical stabilizer and rudder.

TASK 06-22-00-992-001

2. Vertical Stabilizer and Rudder Station Diagram (Fig. 201)

A. Procedure

S 992-002

(1) See Fig. 201 for the vertical stabilizer and rudder station diagram.

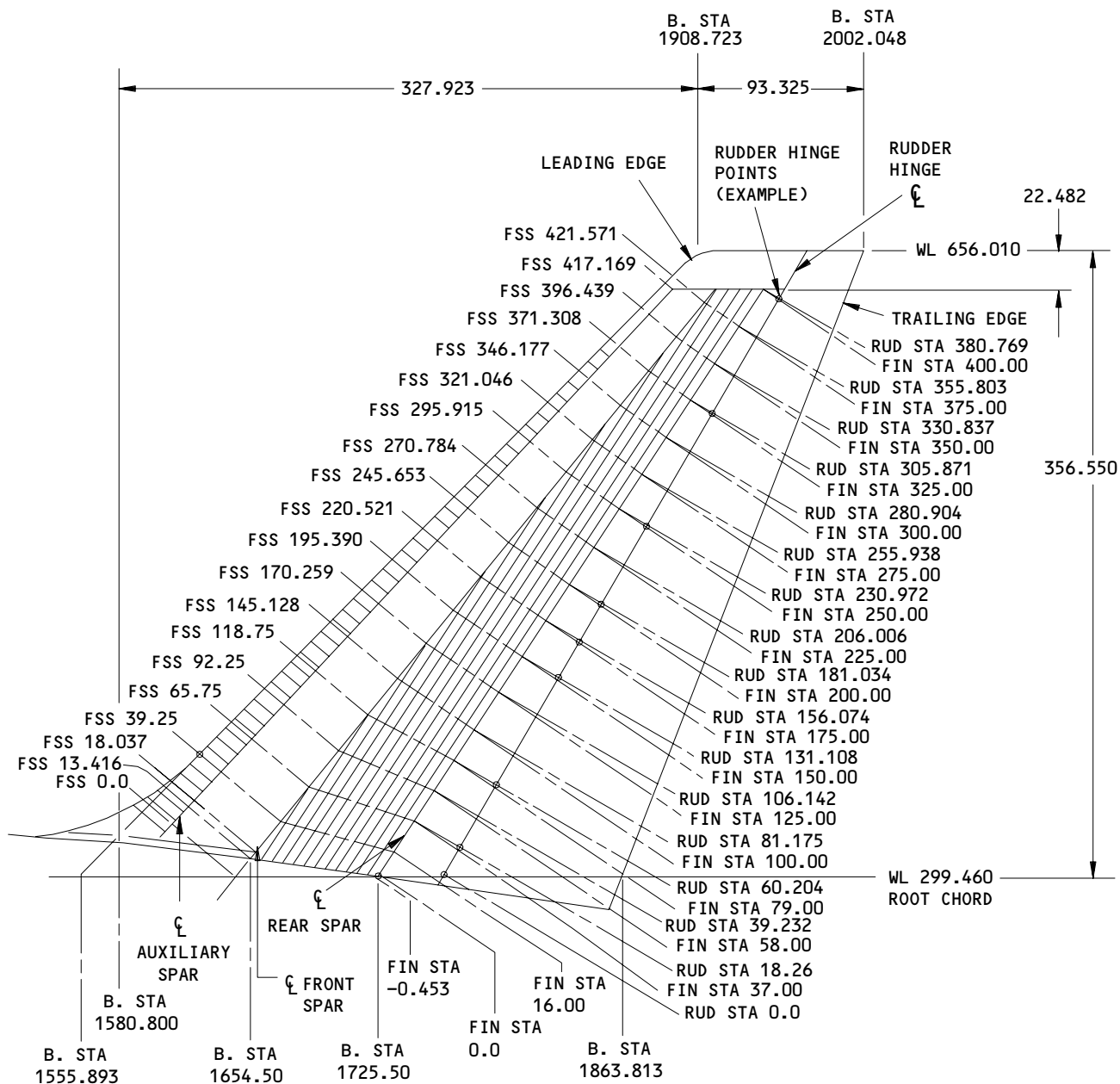
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Vertical Stabilizer Station Diagram
Figure 201

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HORIZONTAL STABILIZER AND ELEVATOR STATION DIAGRAM - MAINTENANCE PRACTICES

1. General

- A. The horizontal stabilizer and elevator station diagram gives the locations of the structural components and features on the horizontal stabilizer and elevator.

TASK 06-23-00-992-002

2. Horizontal Stabilizer and Elevator Station Diagram (Fig. 201)

A. Procedure

S 992-001

- (1) See Fig. 201 for the horizontal stabilizer and elevator station diagram.

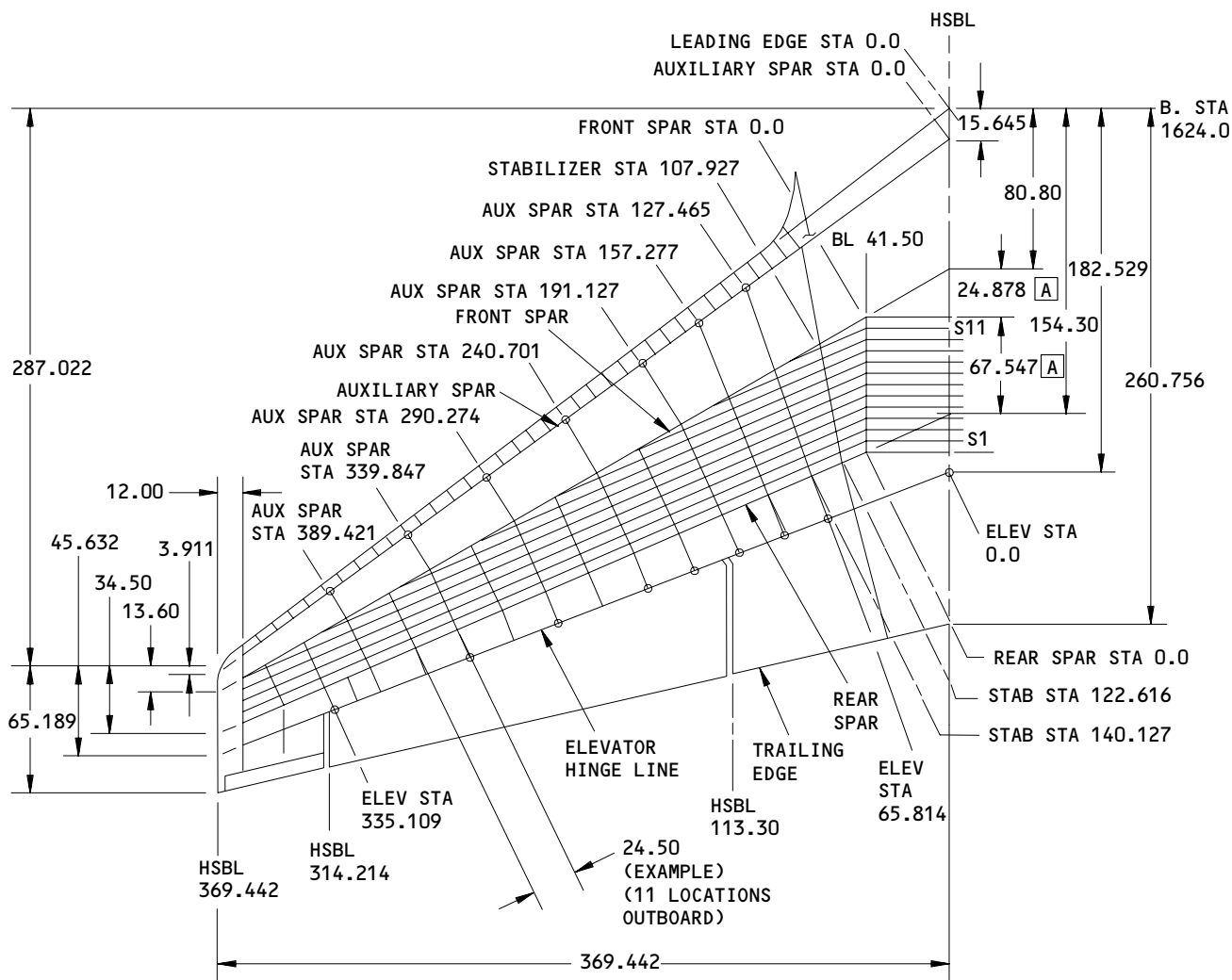
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NOTE:

ALL DIMENSIONS ARE MEASURED ALONG OR PARALLEL TO HORIZONTAL STABILIZER REFERENCE PLANE EXCEPT AS NOTED

[A] MEASURED ALONG CENTER SECTION REFERENCE PLANE.

**Horizontal Stabilizer Station Diagram
Figure 201**

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WING STATION DIAGRAM - MAINTENANCE PRACTICES

1. General (Fig. 201)
 - A. The wing station diagram gives the locations of the structural components and features on the wing.

TASK 06-24-00-992-001

2. Wing Station Diagram
 - A. Procedure

S 992-002

- (1) See Fig. 201 for the wing station diagram.

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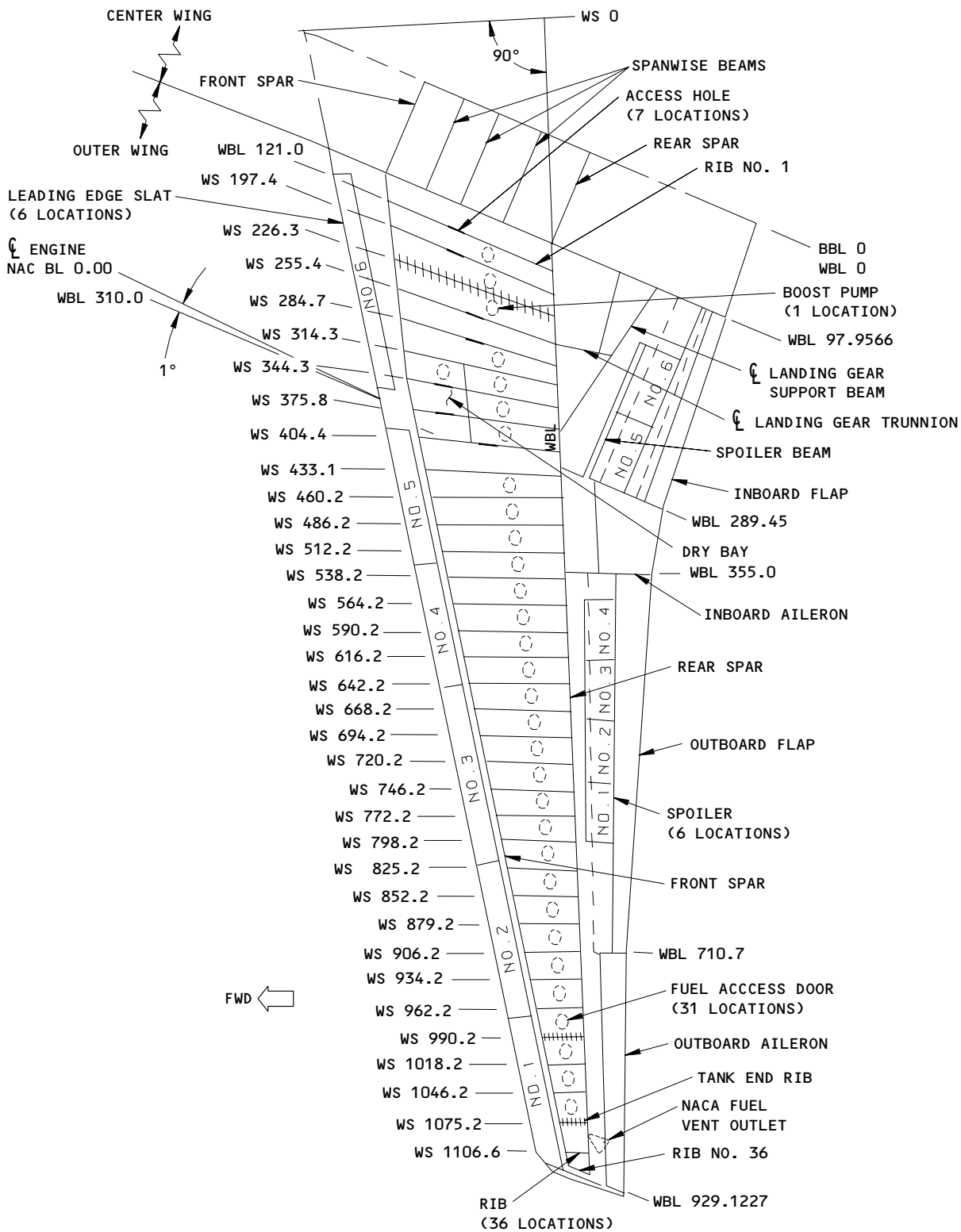
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Wing Station Diagram
Figure 201

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ENGINE AND NACELLE STATION DIAGRAM – MAINTENANCE PRACTICES

1. General

- A. The engine and nacelle station diagram gives the locations of the engine and nacelle structural components and features.

TASK 06-25-00-992-001

2. Engine and Nacelle Station Diagram (Fig. 201)

A. Procedure

S 992-002

- (1) See Fig. 201 for the engine and nacelle station diagram.

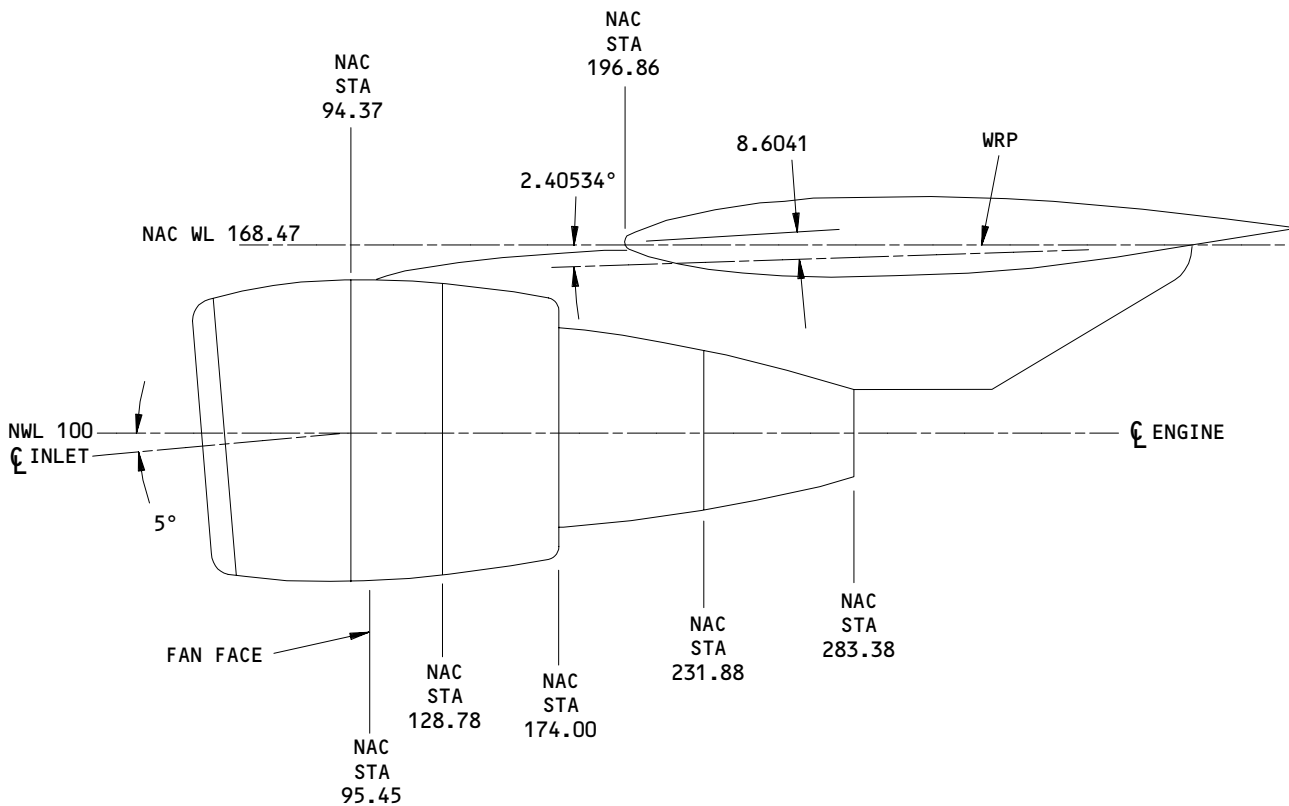
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LEFT SIDE VIEW OF NACELLE FOR PW4000 ENGINE

Nacelle and Strut Station Diagram
Figure 201

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ZONING DIAGRAM - MAINTENANCE PRACTICES

1. General

- A. The 767 airplane is divided into 8 major zones to help you find and identify the airplane components and parts. The major zones are then divided into the subzones and the subzones into zones.
- B. The zones have numbers in sequence as follows:
 - (1) Wings - From inboard to outboard and front to back.
 - (2) Horizontal Stabilizer and Elevator - Inboard to outboard and front to back.
 - (3) Vertical Stabilizer and Rudder - From root to tip of vertical stabilizer.
 - (4) Fuselage - From front to back and away from floorline.
- C. Each of the structural components, passenger cabin doors, cargo doors, landing gear doors, rudders, elevators, flaps, ailerons, spoilers, leading edge devices, and equivalent components has a different zone number.
- D. A three-digit number identifies the major zones, sub-zones, and zones as follows:
 - (1) Major Zone - The first number is a number from 1 through 8 followed by two zeroes.
 - (2) Subzone - The first number is the major zone number; the second number is a number from 1 thru 6 or 9; the third number is a zero.
 - (3) Zone - The first two numbers are the sub-zone numbers. The third number shows a component or group of components that are the same in the subzone.

TASK 06-30-00-802-001

2. Finding The Major Zones (Fig. 201)

A. General

- (1) Refer to the table that follows for descriptions of the major zones:

MAJOR ZONE	DESCRIPTION
100	Lower Half of Fuselage (except Section 48)
200	Upper Half of Fuselage (except Section 48)
300	Empennage and Body Section 48
400	Power Plants and Nacelle Struts
500	Left Wing
600	Right Wing
700	Landing Gear and Landing Gear Doors
800	Doors - Entry/Service, Emergency, and Cargo

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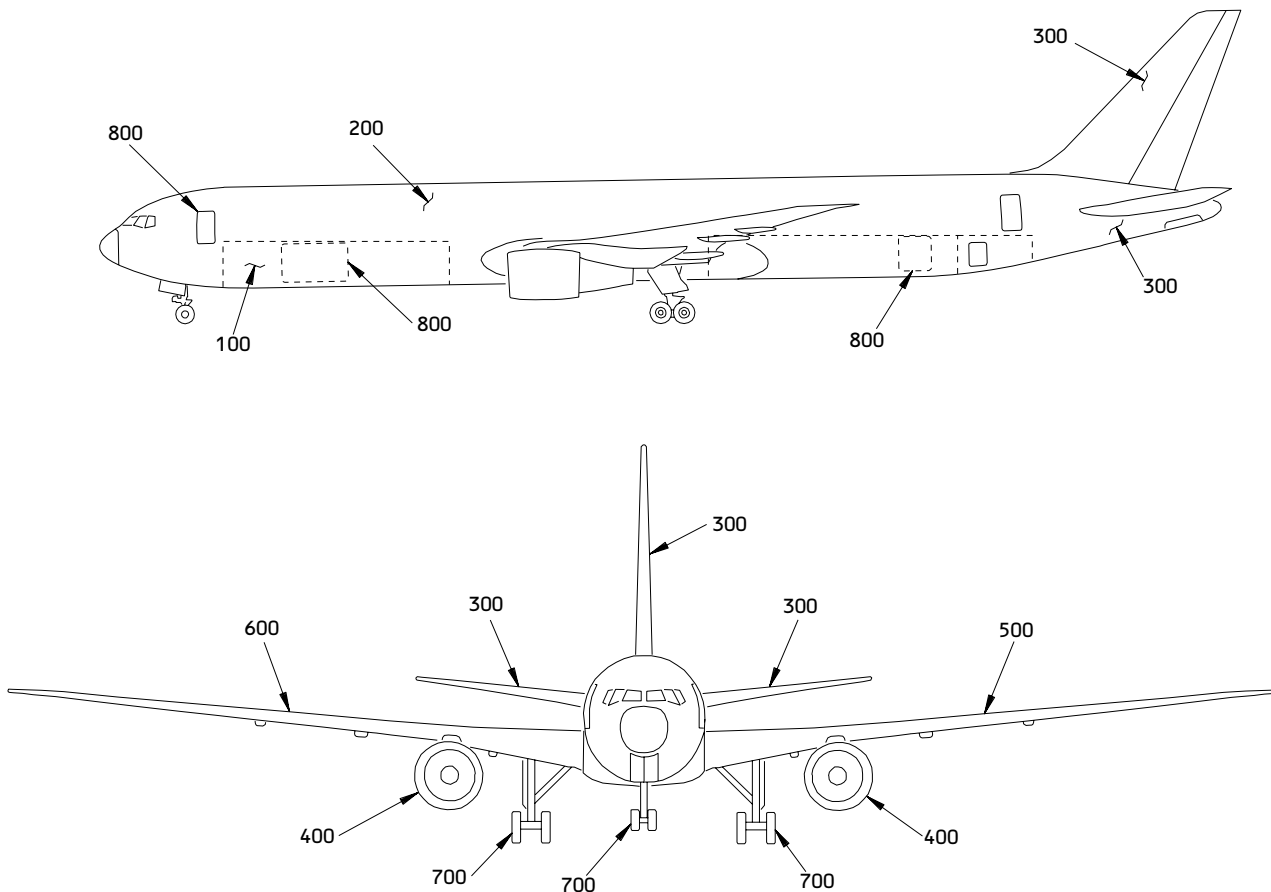
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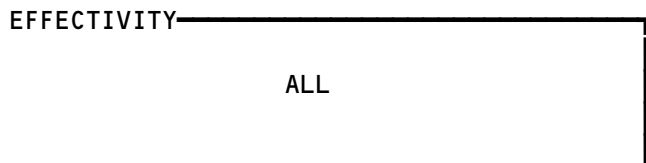
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MAJOR ZONES	
100	LOWER HALF OF FUSELAGE
200	UPPER HALF OF FUSELAGE
300	BODY SECTION 48 AND EMPENNAGE
400	POWER PLANT
500	WING, LEFT
600	WING, RIGHT
700	LANDING GEAR AND LANDING GEAR DOORS
800	DOORS - ENTRY/SERVICE, EMERGENCY, AND CARGO

Major Zones Diagram
Figure 201



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TASK 06-30-00-802-002

3. Finding A Zone In Lower Half Of Fuselage - Major Zone 100 (Fig. 202)

A. Sub-Zone 110 BS 92.5 to BS 355.0

S 802-003

- (1) Find the number of the applicable zone:
- 111 Radome
 - 113 Area forward of NLG wheel well (Left)
 - 114 Area forward of NLG wheel well (Right)
 - 115 NLG wheel well (Left)
 - 116 NLG wheel well (Right)
 - 117 Area outboard and above NLG wheel well (Left)
 - 118 Area outboard and above NLG wheel well (Right)
 - 119 Main equipment center (Left and Right)

B. Sub-Zone 120 BS 355.0 to BS 785.9

S 802-002

- (1) Find the number of the applicable zone:
- 121 Forward cargo compartment (Left)
 - 122 Forward cargo compartment (Right)
 - 123 Area below forward cargo compartment (Left)
 - 124 Area below forward cargo compartment (Right)
 - 125 Area aft of forward cargo compartment (Left)
 - 126 Area aft of forward cargo compartment (Right)

C. Sub-Zone 130 BS 785.9 to BS 955.1

S 812-011

- (1) Find the number of the applicable zone:
- 131 Area above wing center section (Left)
 - 132 Area above wing center section (Right)
 - 133 Wing center section (Left)
 - 134 Wing center section (Right)
 - 135 Environmental control system bay (Left)
 - 136 Environmental control system bay (Right)
 - 139 Forward section of Keel Beam

D. Sub-Zone 140 BS 955.1 to BS 1065.0

S 802-020

- (1) Find the number of the applicable zone:
- 141 Area above left MLG wheel well
 - 142 Area above right MLG wheel well
 - 143 Left MLG wheel well
 - 144 Right MLG wheel well
 - 149 Aft section of keel beam

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E. Sub-Zone 150 BS 1065.0 to BS 1404.0

S 802-021

- (1) Find the number of the applicable zone:
- 151 Area forward of aft cargo compartment (Left)
 - 152 Area forward of aft cargo compartment (Right)
 - 153 Aft cargo compartment (Left)
 - 154 Aft cargo compartment (Right)
 - 155 Area below aft cargo compartment (Left)
 - 156 Area below aft cargo compartment (Right)

F. Sub-Zone 160 BS 1404.0 to BS 1629.0

S 802-022

- (1) Find the number of the applicable zone:
- 161 Bulk cargo compartment (Left)
 - 162 Bulk cargo compartment (Right)
 - 163 Area below bulk cargo compartment (Left)
 - 164 Area below bulk cargo compartment (Right)
 - 165 Area aft of bulk cargo compartment (Left)
 - 166 Area aft of bulk cargo compartment (Right)

G. Sub-Zone 190 Fairings

S 802-023

- (1) Find the number of the applicable zone:
- 191 Wing to body - forward upper half (Left)
 - 192 Wing to body - forward upper half (Right)
 - 193 Wing to body - forward lower half (Left)
 - 194 Wing to body - forward lower half (Right)
 - 195 Wing to body - aft upper half (Left)
 - 196 Wing to body - aft upper half (Right)
 - 197 Wing to body - aft lower half (Left)
 - 198 Wing to body - aft lower half (Right)

TASK 06-30-00-802-003

4. Finding A Zone In The Upper Half of Fuselage - Major Zone 200 (Fig. 202)
- A. Sub-Zone 210 BS 126.5 to BS 246 (BS 126.5 to BS 243.5, line 289 and on)

S 802-024

- (1) Find the number of the applicable zone:
- 211 Control cabin - sect 41 (Left)
 - 212 Control cabin - sect 41 (Right)

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B. Sub-Zone 220 BS 246 to BS 434 (BS 243.5 to BS 434, line 289 and on)

S 802-025

- (1) Find the number of the applicable zone:
- 221 Passenger cabin - section 41 (Left)
 - 222 Passenger cabin - section 41 (Right)
 - 223 Area above passenger cabin ceiling - section 41 (Left)
 - 224 Area above passenger cabin ceiling - section 41 (Right)

C. Sub-Zone 230 BS 434 to BS 785.9

S 802-026

- (1) Find the number of the applicable zone:
- 231 Passenger cabin - section 43 (Left)
 - 232 Passenger cabin - section 43 (Right)
 - 233 Area above passenger cabin ceiling - section 43 (Left)
 - 234 Area above passenger cabin ceiling - section 43 (Right)

D. Sub-Zone 240 BS 786 to BS 1065

S 802-027

- (1) Find the number of the applicable zone:
- 241 Passenger cabin - section 45 (Left)
 - 242 Passenger cabin - section 45 (Right)
 - 243 Area above passenger cabin ceiling - section 45 (Left)
 - 244 Area above passenger cabin ceiling - section 45 (Right)

E. Sub-Zone 250 BS 1065 to BS 1636

S 802-028

- (1) Find the number of the applicable zone:
- 251 Passenger cabin - section 46 (Left)
 - 252 Passenger cabin - section 46 (Right)
 - 253 Area above passenger cabin ceiling - section 46 (Left)
 - 254 Area above passenger cabin ceiling - section 46 (Right)

TASK 06-30-00-802-004

5. Finding A Zone In The Empennage and Body Section 48 - Major Zone 300
(Fig. 203)

A. Sub-Zone 310 Fuselage - Body Section 48

S 802-029

- (1) Find the number of the applicable zone:
- 311 Area aft of pressure bulkhead to BS 1725 (Left)
 - 312 Area aft of pressure bulkhead to BS 1725 (Right)
 - 313 Stabilizer torsion box compartment (Left)
 - 314 Stabilizer torsion box compartment (Right)
 - 315 APU compartment (Left)
 - 316 APU compartment (Right)

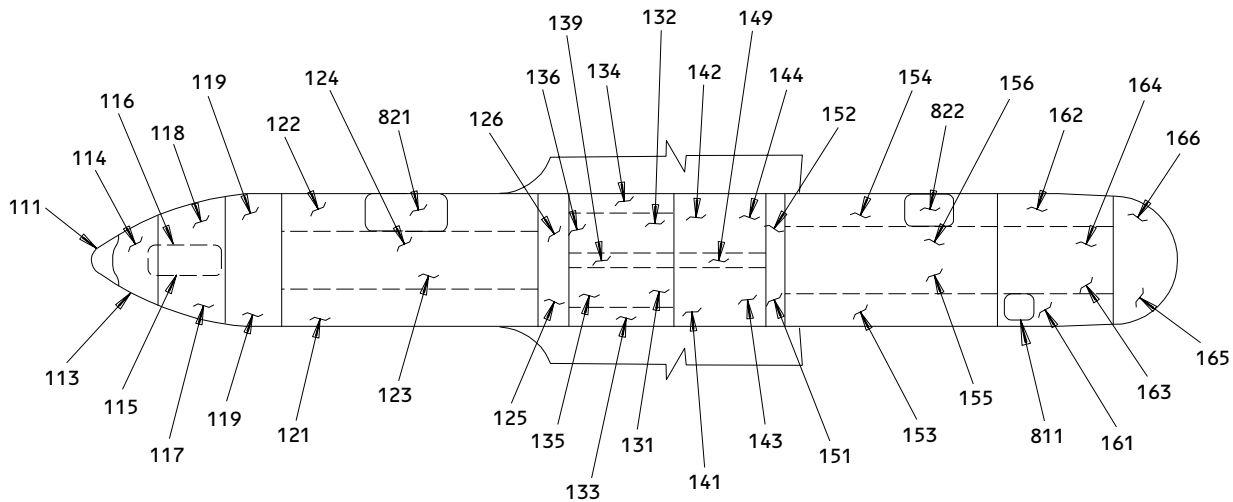
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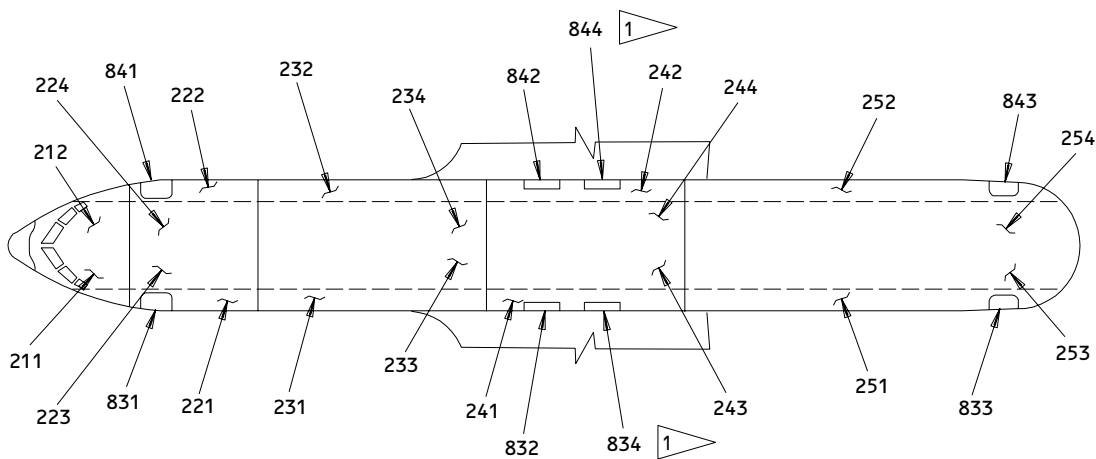
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MAJOR ZONE 100 - FUSELAGE, LOWER HALF
 ZONE 810 - DOORS, LEFT SIDE, LOWER
 ZONE 820 - DOORS, RIGHT SIDE, LOWER



MAJOR ZONE 200 - FUSELAGE, UPPER HALF
 ZONE 830 - DOORS, LEFT SIDE, UPPER
 ZONE 840 - DOORS, RIGHT SIDE, UPPER

1 AIRPLANES WITH TWO HATCHES OVER EACH WING

Fuselage Zone Diagram
 Figure 202

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B. Sub-Zone 320 Vertical Stabilizer and Rudder

S 802-030

- (1) Find the number of the applicable zone:
- 321 Vertical stabilizer removable leading edge
 - 322 Vertical stabilizer - auxiliary spar to front spar
 - 323 Vertical stabilizer - front spar to rear spar
 - 324 Vertical stabilizer - rear spar to trailing edge
 - 325 Rudder
 - 326 Vertical stabilizer tip

C. Sub-Zone 330 Left Horizontal Stabilizer and Elevator

S 802-031

- (1) Find the number of the applicable zone:
- 331 Horizontal stabilizer - center section (Left)
 - 332 Horizontal stabilizer - removable leading edge
 - 333 Horizontal stabilizer - auxiliary spar to front spar
 - 334 Horizontal stabilizer - front spar to rear spar
 - 335 Horizontal stabilizer - rear spar to trailing edge
 - 336 Inboard elevator
 - 337 Outboard elevator
 - 338 Horizontal stabilizer - tip

D. Sub-Zone 340 Right Horizontal Stabilizer and Elevator

S 802-032

- (1) Find the number of the applicable zone:
- 341 Horizontal stabilizer - center section (Right)
 - 342 Horizontal stabilizer - removable leading edge
 - 343 Horizontal stabilizer - auxiliary spar to front spar
 - 344 Horizontal stabilizer - front spar to rear spar
 - 345 Horizontal stabilizer - rear spar to trailing edge
 - 346 Inboard elevator
 - 347 Outboard elevator
 - 348 Horizontal stabilizer - tip

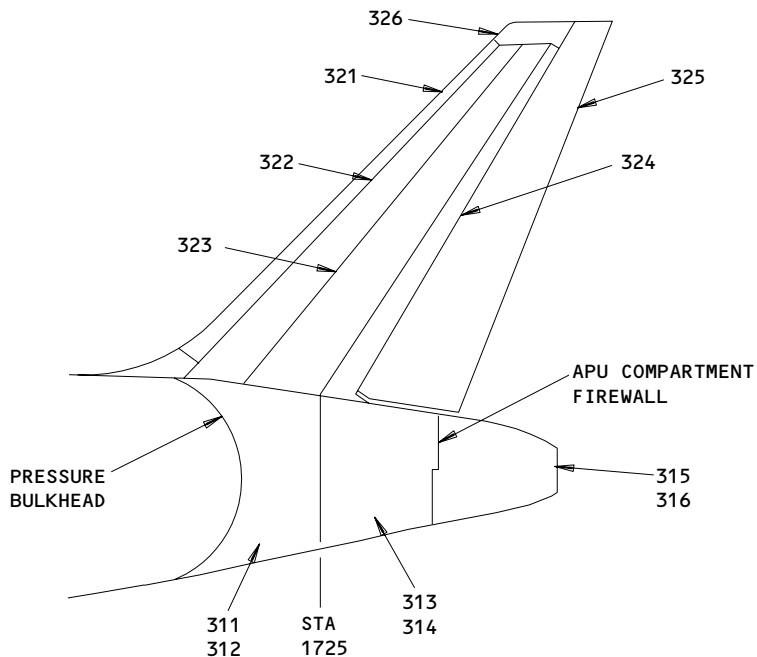
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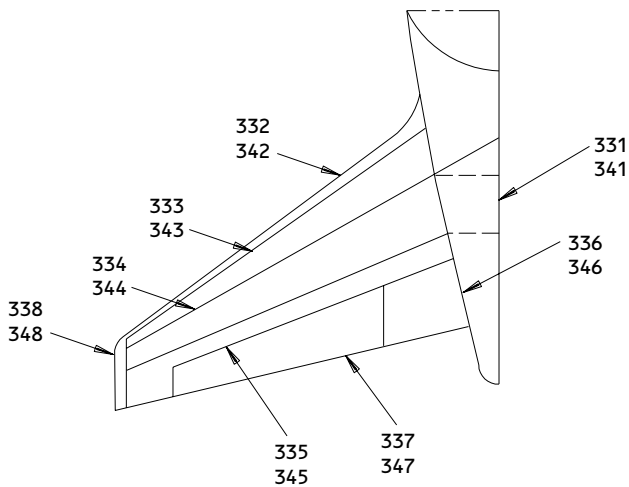
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ZONE 310 - FUSELAGE, BODY SECTION 48
ZONE 320 - VERTICAL STABILIZER AND RUDDER
SIDE VIEW



ZONE 330 - LEFT HORIZONTAL STABILIZER AND ELEVATOR (SHOWN)
ZONE 340 - RIGHT HORIZONTAL STABILIZER AND ELEVATOR (OPPOSITE)
TOP VIEW

Empennage and Section 48 Zone Diagram
Figure 203

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TASK 06-30-00-802-005

6. Finding A Zone In The Power Plants - Major Zone 400 (Fig. 204)

A. Sub-Zone 410 No. 1 Power Plant

S 802-033

(1) Find the number of the applicable zone:

- 411 Engine
- 412 Nose cowl
- 413 Fan cowl panel (Left)
- 414 Fan cowl panel (Right)
- 415 Fan reverser (Left)
- 416 Fan reverser (Right)
- 417 Core cowl (Left)
- 418 Core cowl (Right)

B. Sub-Zone 420 No. 2 Power Plant

S 802-034

(1) Find the number of the applicable zone:

- 421 Engine
- 422 Nose cowl
- 423 Fan cowl panel (Left)
- 424 Fan cowl panel (Right)
- 425 Fan reverser (Left)
- 426 Fan reverser (Right)
- 427 Core cowl (Left)
- 428 Core cowl (Right)

TASK 06-30-00-802-006

7. Finding A Zone In The Nacelle Struts - Major Zone 400 (Fig. 205)

A. Sub-Zone 430 No. 1 Nacelle Strut

S 802-035

(1) Find the number of the applicable zone:

- 431 Forward nacelle strut fairing
- 432 Forward torque box
- 433 Underwing fairing
- 434 Mid torque box
- 435 Core cowl skirt fairing
- 436 Aft torque box
- 437 Aft nacelle strut fairing

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B. Sub-Zone 440 No. 2 Nacelle Strut

S 802-036

- (1) Find the number of the applicable zone:
- 441 Forward nacelle strut fairing
 - 442 Forward torque box
 - 443 Underwing fairing
 - 444 Mid torque box
 - 445 Core cowl skirt fairing
 - 446 Aft torque box
 - 447 Aft nacelle strut fairing

TASK 06-30-00-802-012

8. Finding A Zone In The Left Wing/Right Wing - Major Zone 500/600 (Fig. 206)

A. Sub-Zone 510/610 Wing Leading Edge - Forward of front spar and inboard of nacelle strut

S 802-037

- (1) Find the number of the applicable zone:
- 511 Leading edge to front spar (Left)
 - 512 Slat No. 6 (Left)
 - 513 Krueger Flap (Left)
 - 611 Leading edge to front spar (Right)
 - 612 Slat No. 7 (Right)
 - 613 Krueger Flap (Right)

B. Sub-Zone 520/620 Wing Leading Edge - Forward of front spar and outboard of nacelle strut

S 802-038

- (1) Find the number of the applicable zone:
- 521 Leading edge to front spar (Left)
 - 522 Slat No. 5 (Left)
 - 523 Slat No. 4 (Left)
 - 524 Slat No. 3 (Left)
 - 525 Slat No. 2 (Left)
 - 526 Slat No. 1 (Left)
 - 621 Leading edge to front spar (Right)
 - 622 Slat No. 8 (Right)
 - 623 Slat No. 9 (Right)
 - 624 Slat No. 10 (Right)
 - 625 Slat No. 11 (Right)
 - 626 Slat No. 12 (Right)

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C. Sub-Zone 530/630 Wing Inspar Area (Fuel Tanks) - Inboard of W STA 433.1

S 802-012

- (1) Find the number of the applicable zone:
- 531 Center auxiliary tank
 - 532 Main tank (inboard of rib No. 10)
 - 533 Inboard dry bay
 - 631 Center auxiliary tank
 - 632 Main tank - (inboard of Rib No.10)
 - 633 Inboard dry bay

D. Sub-Zone 540/640 Wing Inspar Area (Fuel Tanks) - Outboard of W STA 433.1

S 802-013

- (1) Find the number of the applicable zone:
- 541 Main tank (outboard of rib No. 10)
 - 542 Surge tank
 - 543 Outboard dry bay
 - 544 Wing tip
 - 641 Main tank (outboard of rib No. 10)
 - 642 Surge Tank
 - 643 Outboard dry bay
 - 644 Wing tip

E. Sub-Zone 550/650 Wing Trailing Edge - Aft of rear spar and inboard of outboard trailing edge flap

S 802-014

- (1) Find the number of the applicable zone:
- 551 Rear spar to MLG support beam
 - 552 MLG support beam to trailing edge
 - 553 Spoiler No. 6 (Left)
 - 554 Spoiler No. 5 (Left)
 - 555 Inboard trailing edge flap
 - 556 Inboard aileron
 - 651 Rear spar to MLG support beam
 - 652 MLG support beam to trailing edge
 - 653 Spoiler No. 7 (Right)
 - 654 Spoiler No. 8 (Right)
 - 655 Inboard Trailing Edge Flap
 - 656 Inboard Aileron

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F. Sub-Zone 560/660 Wing Trailing Edge - Aft of rear spar and outboard of inboard aileron

S 802-015

(1) Find the number of the applicable zone:

- 561 Rear spar to trailing edge
- 562 Spoiler No. 4 (Left)
- 563 Spoiler No. 3 (Left)
- 564 Spoiler No. 2 (Left)
- 565 Spoiler No. 1 (Left)
- 566 Outboard trailing edge flap
- 567 Outboard aileron
- 661 Rear spar to trailing edge
- 662 Spoiler No. 9 (Right)
- 663 Spoiler No. 10 (Right)
- 664 Spoiler No. 11 (Right)
- 665 Spoiler No. 12 (Right)
- 666 Outboard trailing edge flap
- 667 Outboard aileron

G. Sub-Zone 570-670 Wing Trailing Edge Flap Track Fairing

S 802-016

(1) Find the number of the applicable zone:

- 571 Inboard flap
- 572 Outboard flap inboard fairing
- 573 Outboard flap outboard fairing
- 671 Inboard flap
- 672 Outboard flap inboard fairing
- 673 Outboard flap outboard fairing

TASK 06-30-00-802-007

9. Finding A Zone In The Landing Gear and Landing Gear Doors - Major Zone 700
(Fig. 207)

A. Sub-Zone 710 Nose Landing Gear and Doors

S 802-039

(1) Find the number of the applicable zone:

- 711 Nose landing gear (NLG)
- 713 Forward NLG door (Left)
- 714 Forward NLG door (Right)
- 715 Aft NLG door (Left)
- 716 Aft NLG door (Right)

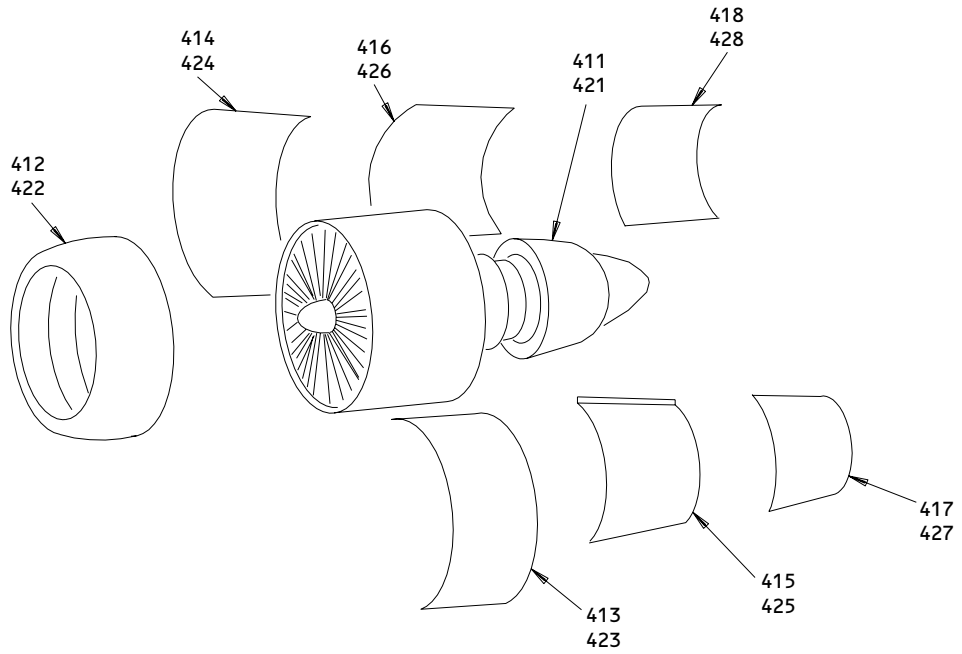
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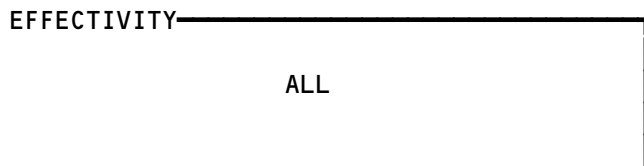
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ZONE 410 - LEFT POWER PLANT NACELLE
ZONE 420 - RIGHT POWER PLANT NACELLE

Engine Zone Diagram
Figure 204



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TASK 06-30-00-802-060

10. Finding A Zone In The Landing Gear and Landing Gear Doors – Major Zone 700
(Fig. 207)

A. Sub-Zone 730 Left Main Landing Gear and Doors

S 802-040

- (1) Find the number of the applicable zone:
- 731 Left Main landing gear (MLG)
 - 732 Left MLG body doors
 - 733 Left MLG drag brace door
 - 734 Left MLG oleo door
 - 735 Left MLG trunnion door

B. Sub-Zone 740 Right Main Landing Gear and Doors

S 812-013

- (1) Find the number of the applicable zone:
- 741 Right Main landing gear (MLG)
 - 742 Right MLG body door
 - 743 Right MLG drag brace door
 - 744 Right MLG oleo door
 - 745 Right MLG trunnion door

TASK 06-30-00-222-008

11. Finding A Zone In The Doors (Entry/Service, Emergency, and Cargo) – Major Zone 800 (Fig. 202)

A. Sub-Zone 810 Lower Half of the Fuselage (Left)

S 802-041

- (1) Find the number of the applicable zone:
- 811 Bulk Cargo Door

B. Sub-Zone 820 Lower Half of the Fuselage (Right)

S 802-042

- (1) Find the number of the applicable zone:
- 821 Forward Cargo Door
 - 822 Aft Cargo Door

C. Sub-Zone 830 Upper Half of the Fuselage (Left)

S 802-043

- (1) Find the number of the applicable zone:

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- 831 Forward Entry Door
- 832 Overwing Emergency Exit Hatch (Left) *[1]
- 832 Overwing Emergency Exit Hatch (Forward/Left) *[2]
- 833 Aft Entry Door
- 834 Overwing Emergency Exit Hatch (Aft/Left) *[2]

*[1] AIRPLANES WITH ONE HATCH OVER EACH WING
*[2] AIRPLANES WITH TWO HATCHES OVER EACH WING

D. Sub-Zone 840 Upper Half of the Fuselage (Right)

S 812-014

(1) Find the number of the applicable zone:

- 841 Forward Service Door
- 842 Overwing Emergency Exit Hatch (Right) *[1]
- 842 Overwing Emergency Exit Hatch (Forward/Right) *[2]
- 843 Aft Service Door
- 844 Overwing Emergency Exit Hatch (Aft/Right) *[2]

*[1] AIRPLANES WITH ONE HATCH OVER EACH WING
*[2] AIRPLANES WITH TWO HATCHES OVER EACH WING

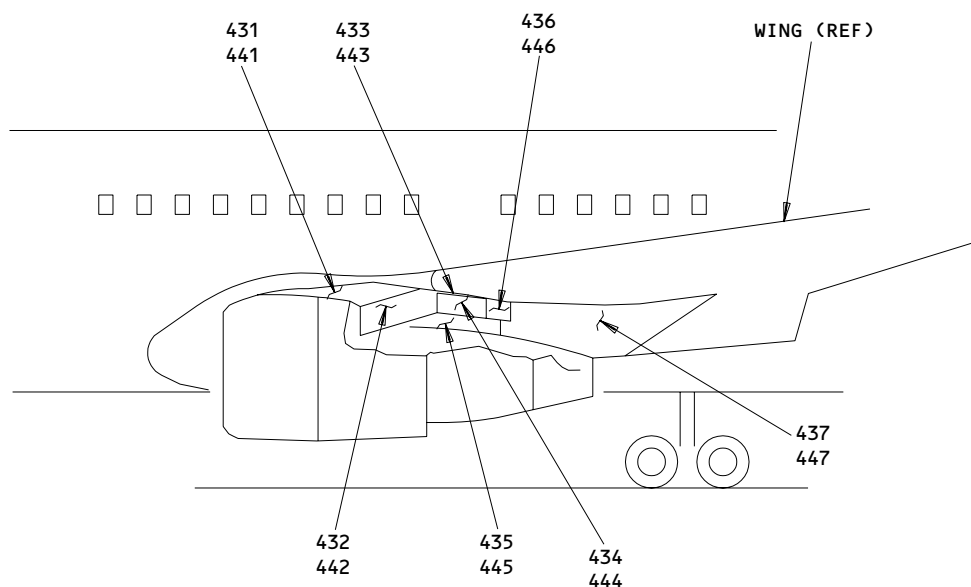
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ZONE 430 - NO. 1 NACELLE STRUT
ZONE 440 - NO. 2 NACELLE STRUT

Nacelle Strut Zone Diagram
Figure 205

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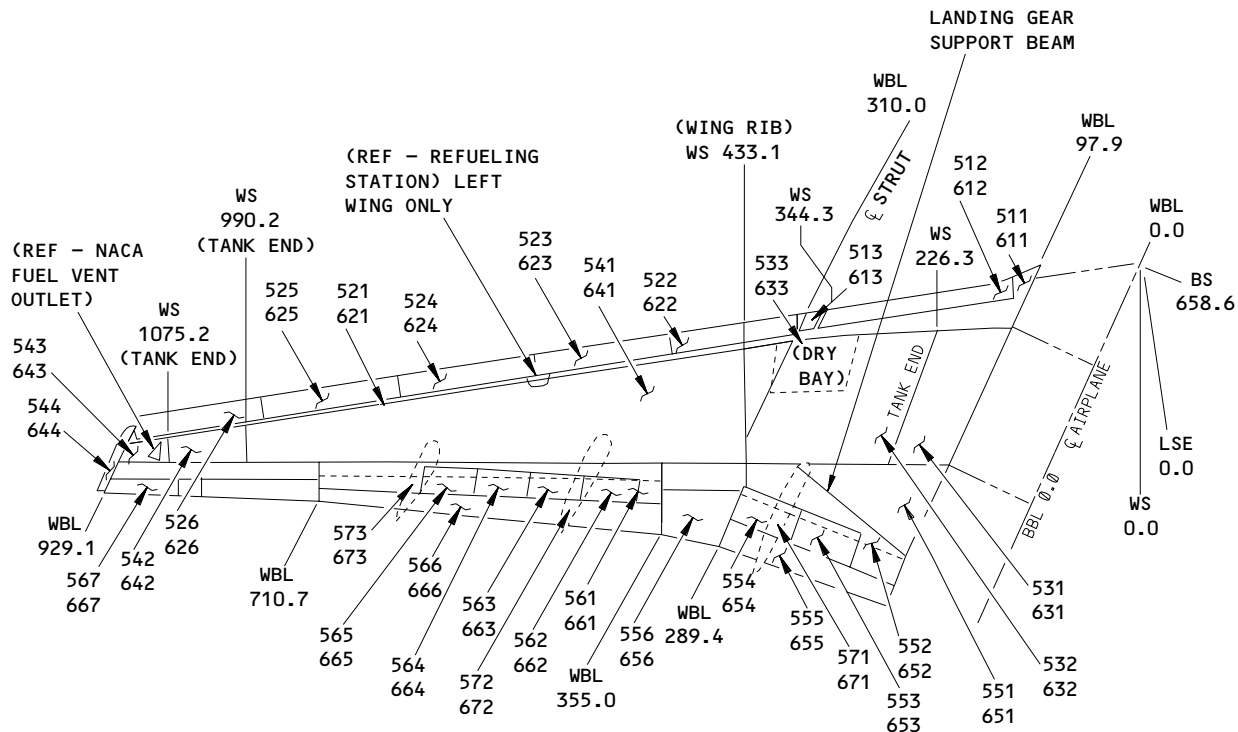
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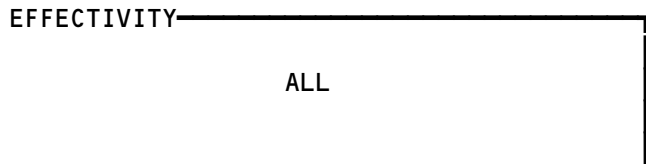


MAJOR ZONE 500 - LEFT WING
MAJOR ZONE 600 - RIGHT WING

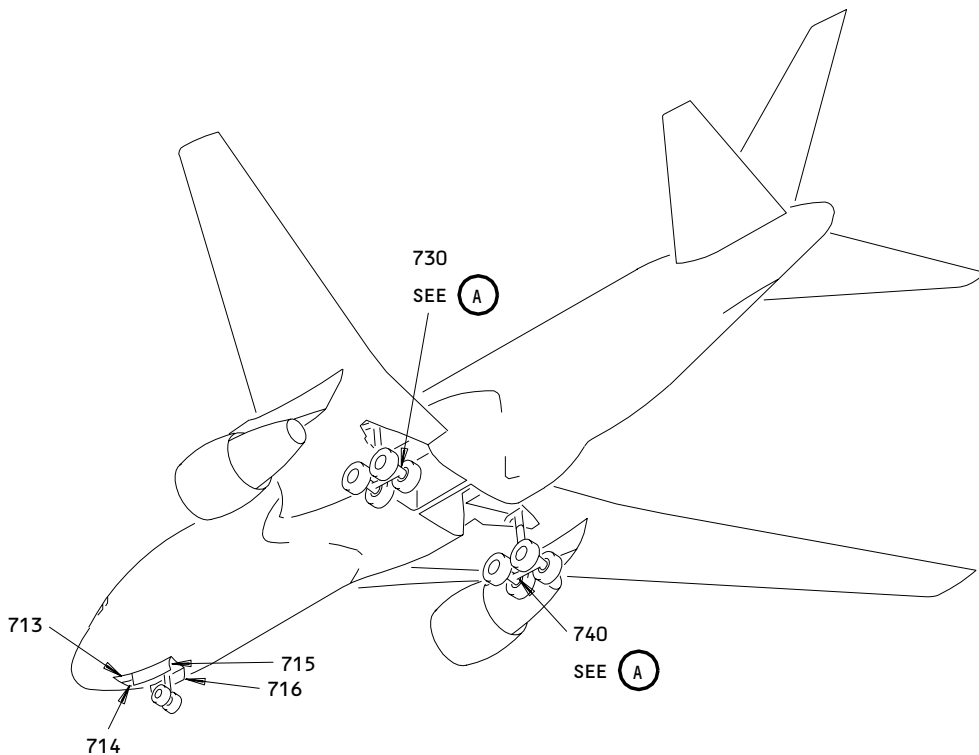
SUBZONES

- 510/610 - WING LEADING EDGE - FWD OF FRONT SPAR - INBOARD OF NACELLE STRUT
- 520/620 - WING LEADING EDGE - FWD OF FRONT SPAR - OUTBOARD OF NACELLE STRUT
- 530/630 - WING INSPAR AREA (TANKS) - INBOARD OF WING RIB - WING STA 433.1
- 540/640 - WING INSPAR AREA (TANKS) - OUTBOARD OF WING STA 433.1
- 550/650 - WING TRAILING EDGE - AFT OF REAR SPAR - INBOARD OF OUTBOARD T.E. FLAP
- 560/660 - WING TRAILING EDGE - AFT OF REAR SPAR - OUTBOARD OF OUTBOARD T.E. FLAP
- 570/670 - WING TRAILING EDGE FLAP TRACK FAIRING

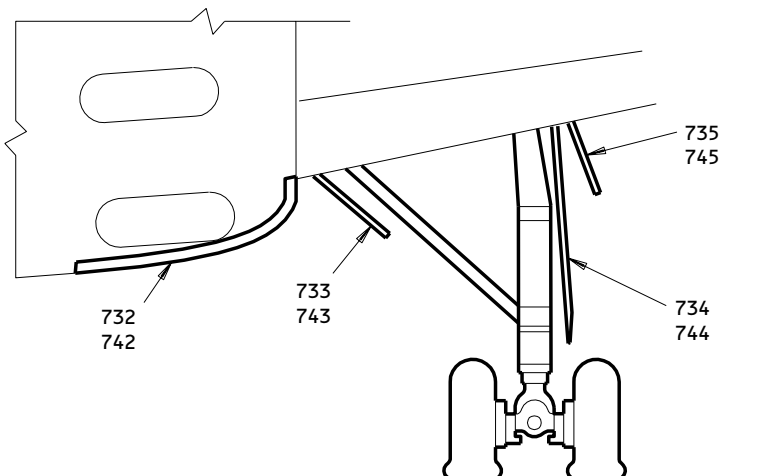
Wing Zone Diagram
Figure 206



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ZONE 710 - NOSE LANDING GEAR AND LANDING GEAR DOORS



ZONE 730 - MAIN LANDING GEAR AND LANDING GEAR DOORS, LEFT SIDE
ZONE 740 - MAIN LANDING GEAR AND LANDING GEAR DOORS, RIGHT SIDE

(A)

Landing Gear and Landing Gear Doors Zone Diagram
Figure 207

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FUSELAGE (MAJOR ZONES 100 AND 200)
ACCESS DOORS AND PANELS – MAINTENANCE PRACTICES

1. General (Fig. 201, 202, 203)

- A. Major zone 100 contains the bottom half of the fuselage but does not include Section 48. Major zone 100 includes the sub-zones shown below, which are identified with two numbers followed by a zero.
- (1) Sub-zone 110 Airplane nose to the rear bulkhead of the forward landing gear wheel well (BSTA 92.5 to 355.0)
 - (2) Sub-zone 120 Rear bulkhead of the forward landing gear wheel well to the front spar of the wing center section (BSTA 355.0 to 785.9)
 - (3) Sub-zone 130 Wing Center Section (BSTA 785.9 to 955.1)
 - (4) Sub-zone 140 Main Landing Gear Wheel Well (BSTA 955.1 to 1065.0)
 - (5) Sub-zone 150 Aft Cargo Compartment (BSTA 1065.0 to 1404.0)
 - (6) Sub-zone 160 Bulk Cargo Compartment (BSTA 1404.0 to 1629.0)
 - (7) Sub-zone 190 Wing-to-body Fairings
- B. Major zone 200 contains the top half of the fuselage but does not include section 48. Major zone 200 includes these sub-zones:
- (1) Sub-zone 210 Control Cabin (BSTA 126.5 to 246.0)
 - (2) Sub-zone 220 Passenger Cabin (BSTA 246.0 to 434.0)
 - (3) Sub-zone 230 Passenger Cabin (BSTA 434.0 to 786.0)
 - (4) Sub-zone 240 Passenger Cabin (BSTA 786.0 to 1065.0)
 - (5) Sub-zone 250 Passenger Cabin (BSTA 1065.0 to 1636.0)
- C. Each sub-zone is divided into zones that are identified with the first two numbers of the sub-zone followed by a number that is not zero. See the tables.
- D. Access doors and panels in a zone are identified by the zone number and a two- or three- letter suffix. This alpha-numeric label is different for each access door or panel.
- E. The top collector drawing number for the fuselage access doors and panels is:

414T4301

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2. Fuselage Access Doors and Panels

- A. General
- (1) For the locations of the access doors and panels, see Fig. 201, 202, and 203.

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- (2) For equipment and components that you can get access to through the access doors and panels, see Table 201 below.

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Table 201	
DOOR OR PANEL IDENTIFICATION NUMBER	EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
111 AL	Nose Radome, Antennas
113 AL	Forward Equipment Bay Flight Control Components (Rudder Pedal, Control Column, Stabilizer Trim Cutout) Engine Controls (Thrust Lever Pack) LG Controls (Brake Pedal System, Parking Brake System) Nose Wheel Steering System Crew Oxygen System
119 AL	Main Equipment Center Main Equipment Center (Racks, Cargo Compartment Smoke Detection, Inverter, Battery/Charger, Equipment Cooling) Zones 117/118 - Areas Outboard and Above NLG Wheel Well (Equipment Cooling, Aileron Control, Electrical Racks, Galley Chillers, Crew Oxygen System, Pitot Static System)
120 AR	External Power Receptacle
122 AR	Fwd Cargo Handling Controls
124 AR	Fwd Cargo Door Controls
124 BR	Potable Water Fwd Drain
134 BZ	Center Wing Tank Baffle Door
134 CZ	Center Wing Tank Baffle Door
134 DZ	Center Wing Tank Baffle Door
134 EZ	Center Wing Tank Baffle Door
134 FZ	Center Wing Tank Baffle Door
134 GZ	Center Wing Tank Baffle Door

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Table 201

DOOR OR PANEL IDENTIFICATION NUMBER	EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
136 KZ	Center Wing Tank
139 AL	Keel Beam - Forward Section
139 BL	Keel Beam - Forward Section
139 CL	Keel Beam - Forward Section
139 DL	Keel Beam - Forward Section
139 EZ	Keel Beam - Forward Section
139 FZ	Keel Beam - Forward Section
149 AL	Keel Beam - Aft Section
149 BL	Hydraulic Pressure/Return Ground Connection, Keel Beam - Aft Section
149 CL	Keel Beam - Aft Section
154 AR	Aft Cargo Loader Controls
155 AL	Potable Water Service, Aft Drain
156 AR	Aft Cargo Door Controls
163 AL	Waste System Service
191 AL	Fuselage/Wing Structure
191 BL	Fuselage/Wing Structure
191 CL	Fuselage/Wing Structure
191 DL	Fuselage/Wing Structure
191 EL	Fuselage/Wing Structure

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Table 201

DOOR OR PANEL IDENTIFICATION NUMBER	EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
191 FL	Fuselage/Wing Structure
191 GL	Fuselage/Wing Structure
192 AR	Fuselage/Wing Structure
192 BR	Fuselage/Wing Structure
192 CR	Fuselage/Wing Structure
192 DR	Fuselage/Wing Structure
192 ER	Fuselage/Wing Structure
192 FR	Fuselage/Wing Structure
192 GR	Fuselage/Wing Structure
193 AL	Fuselage Structure
193 BL	Fuselage Structure
193 CL	Fuselage Structure
193 DL	Fuselage/Wing Structure
193 EL	Jack Pad
193 FL	ECS Components
193 GL	ECS Components, Conditioned Air Connection, Pressure Relief Door
193 HL	Fuselage Structure
193 JL	Ram Air Inlet
193 KL	Wing/Body Splice Plates
193 LL	Ground Air Service Connection

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Table 201

DOOR OR PANEL IDENTIFICATION NUMBER	EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
193 ML	Fuselage Structure
193 NL	Environmental Control Systems (ECS) Bay Cooling Pack Installation Ram Air System Installation Duct Leak Detection System Hot Air Control System Altitude Switch Installation
193 PL	Wing/Body Splice
193 QL	Fuselage Structure
193 RL	Fuselage Structure
193 SLX	Fuel Sump Drain
194 AR	Fuselage Structure
194 BR	Fuselage Structure
194 CR	Fuselage Structure
194 DR	Fuselage/Wing Structure
194 ER	Jack Pad
194 FR	ECS Components - Fuselage Structure
194 GR	ECS Components - Fuselage Structure
194 HR	ECS Components - Pressure Relief Panel
194 JR	Ram Air Duct
194 KR	ECS Components - Fuselage Structure
194 LR	Environmental Control Systems (ECS) Bay Cooling Pack Installation Ram Air System Installation Duct Leak Detection System Hot Air Control System Altitude Switch Installation

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Table 201

DOOR OR PANEL IDENTIFICATION NUMBER	EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
194 MR	Wing/Body Splice
194 NR	ECS Components - Flow Control Valve and Shutoff Valve
194 PR	Ground Air Service Connection
194 QRX	Fuel Sump Drain
195 AL	Fuselage/Wing Structure
195 BL	Fuselage/Wing Structure
195 CL	Fuselage/Wing Structure
195 DL	Fuselage Structure
195 EL	Off-Wing Evacuation Ramp/Slide Pack
195 FL	Inboard Flap Mechanism
195 GL	Inboard Flap Mechanism
195 HL	Inboard Flap and Door Mechanism
195 JL	Inboard T.E. Flap Mechanism
195 KL	Inboard Flap Mechanism
195 LL	Fuselage Structure
195 ML	Off-Wing Escape Slide Mechanism
195 NL	Fuselage Structure

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Table 201

DOOR OR PANEL IDENTIFICATION NUMBER	EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
195 PL	Fuselage Structure
195 QL	Off-Wing Escape Slide Door Mechanism - Actuator
195 RL	Air Turbine Driven Hydraulic Pump
195 SL	Air Turbine Driven Hydraulic Pump
195 TL	ADP Pneumatic Shutoff Valve
196 AR	Fuselage/Wing Structure
196 BR	Fuselage/Wing Structure
196 CR	Fuselage/Wing Structure
196 DR	Fuselage Structure
196 ER	Off-Wing Evacuation Ramp/Slide Pack
196 FR	Inboard Flap Mechanism
196 GR	Inboard Flap Mechanism
196 HR	Inboard T.E. Flap Mechanism
196 JR	Inboard Flap Mechanism
196 KR	Inboard Flap Mechanism
196 LR	Fuselage Structure

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Table 201

DOOR OR PANEL IDENTIFICATION NUMBER	EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
196 MR	Off-Wing Escape Slide Control
196 NR	Fuselage Structure
196 PR	Fuselage Structure
196 QR	Off-Wing Escape Slide Mechanism Actuator
196 RR	Ram Air Turbine System Components
197 AL	Fuselage Structure
197 BL	MLG Door Ground Control Handle
197 CL	Off-Wing Escape Slide Pressure Cylinder
197 DL	Fuselage Structure
197 HL	Pressure Relief Door
197 JL	Fuselage Structure
197 KL	Fuselage Structure
197 LL	Fuselage Structure
197 ML	ADP Exhaust Ducting
197 NL	Air Turbine Driven Hydraulic Pump and Filters
197 PZX	Escape Slide Pressure Cylinder Gage

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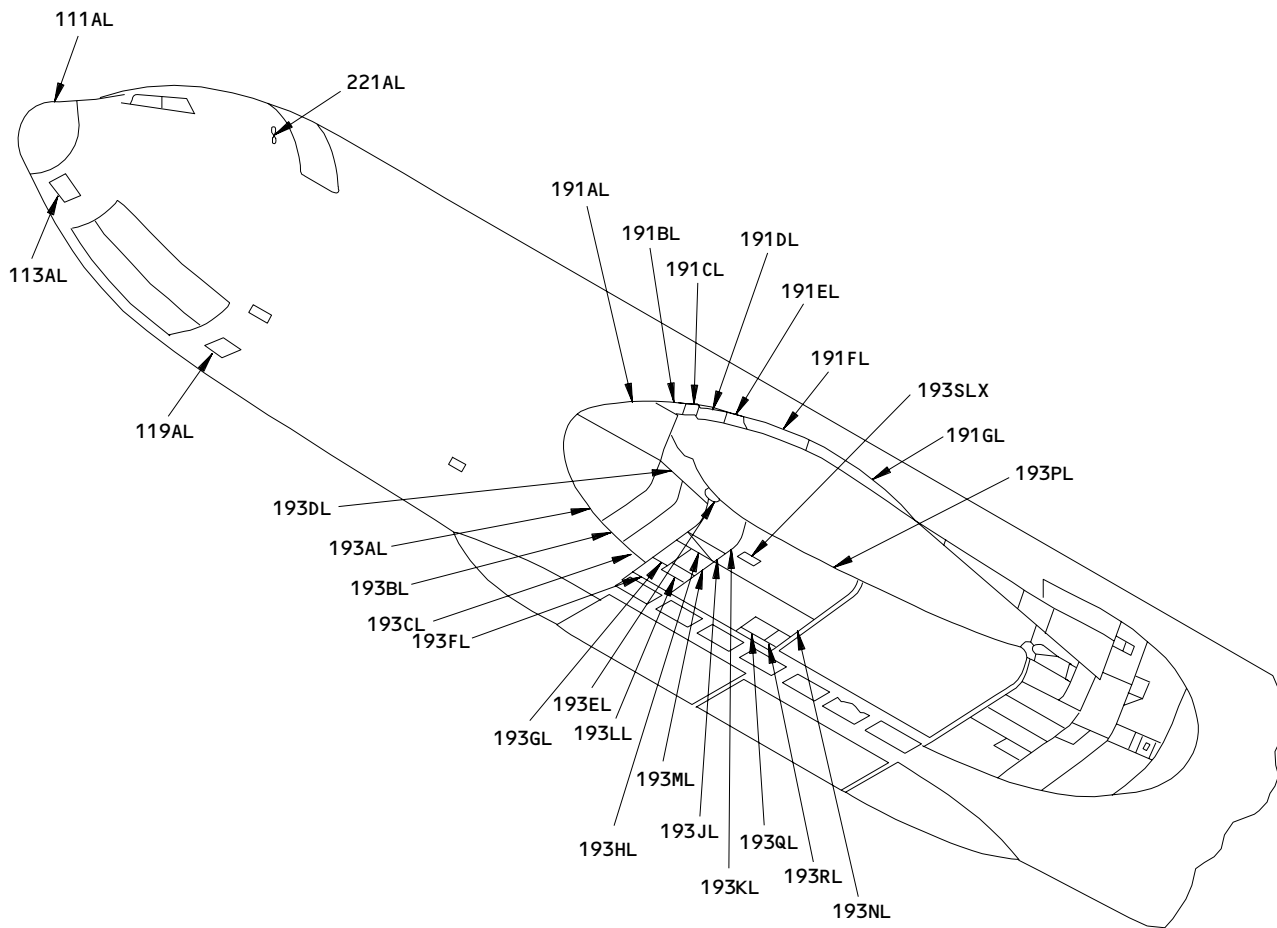
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Table 201	
DOOR OR PANEL IDENTIFICATION NUMBER	EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
198 AR	Fuselage Structure
198 BR	MLG Door Ground Control Handle
198 CR	Hydraulic Service Center, Off-Wing Escape Slide Pressure Cylinder
198 FR	Fuselage Skin
198 GR	Ram Air Turbine
198 JR	Fuselage Structure
198 KZX	Escape Slide Pressure Cylinder Gage
221 AL	Fwd Entry Door Controls
222 AR	Fwd Service Door Controls
251 AL	Aft Entry Door Controls
252 AR	Aft Service Door controls
252 BR	Potable Water Service Controls

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Fuselage (Major Zones 100 and 200) Access Doors and Panels - Left
Figure 201 (Sheet 1)

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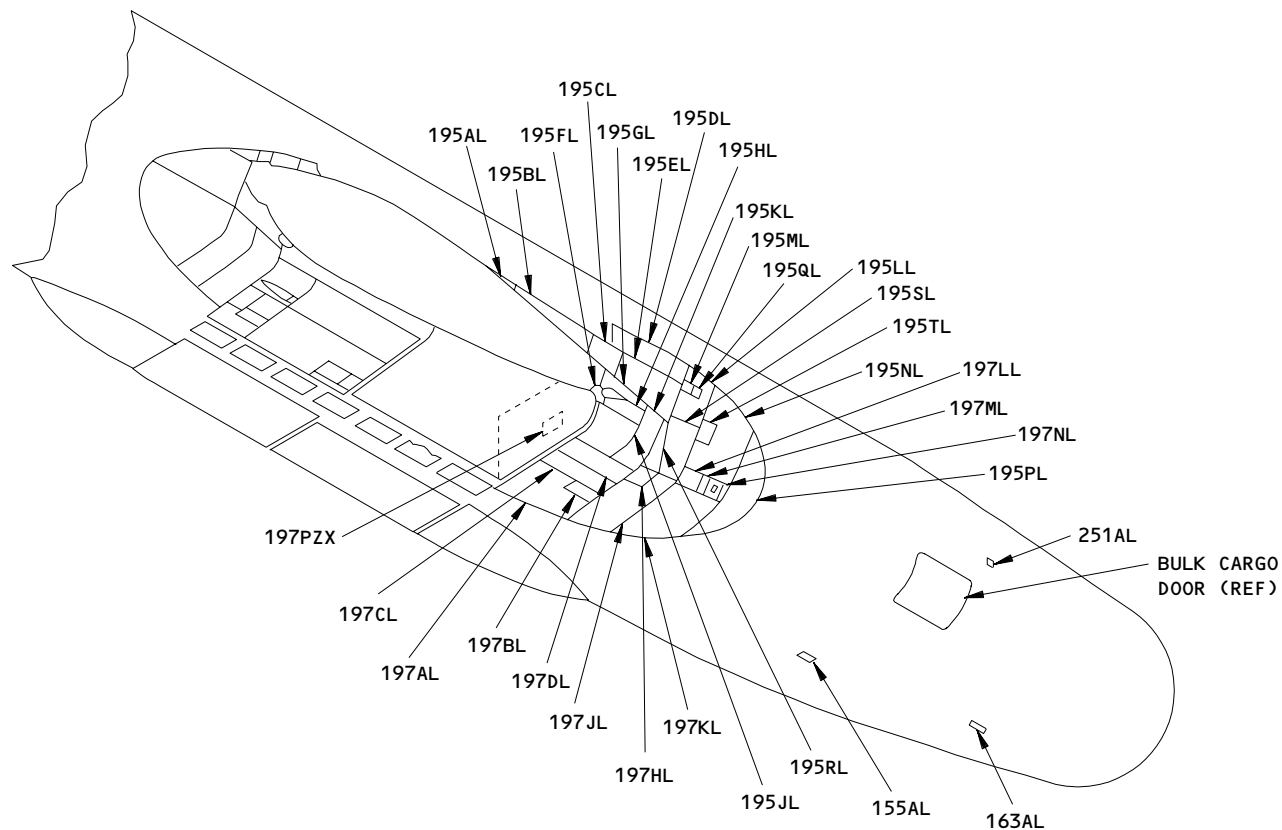
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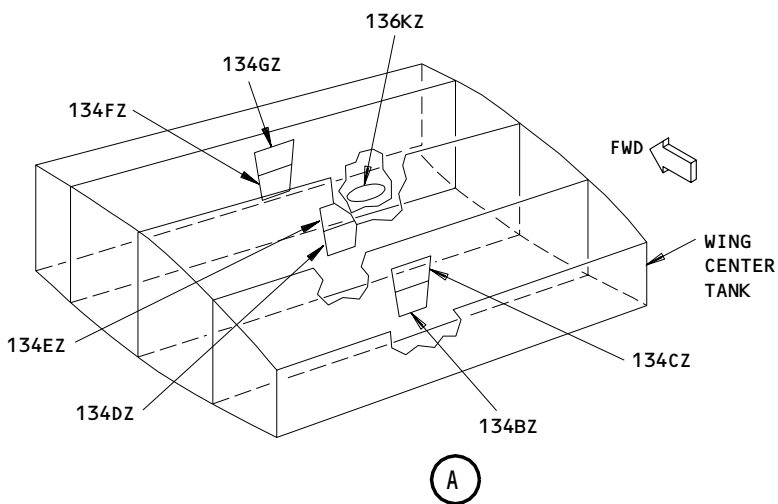
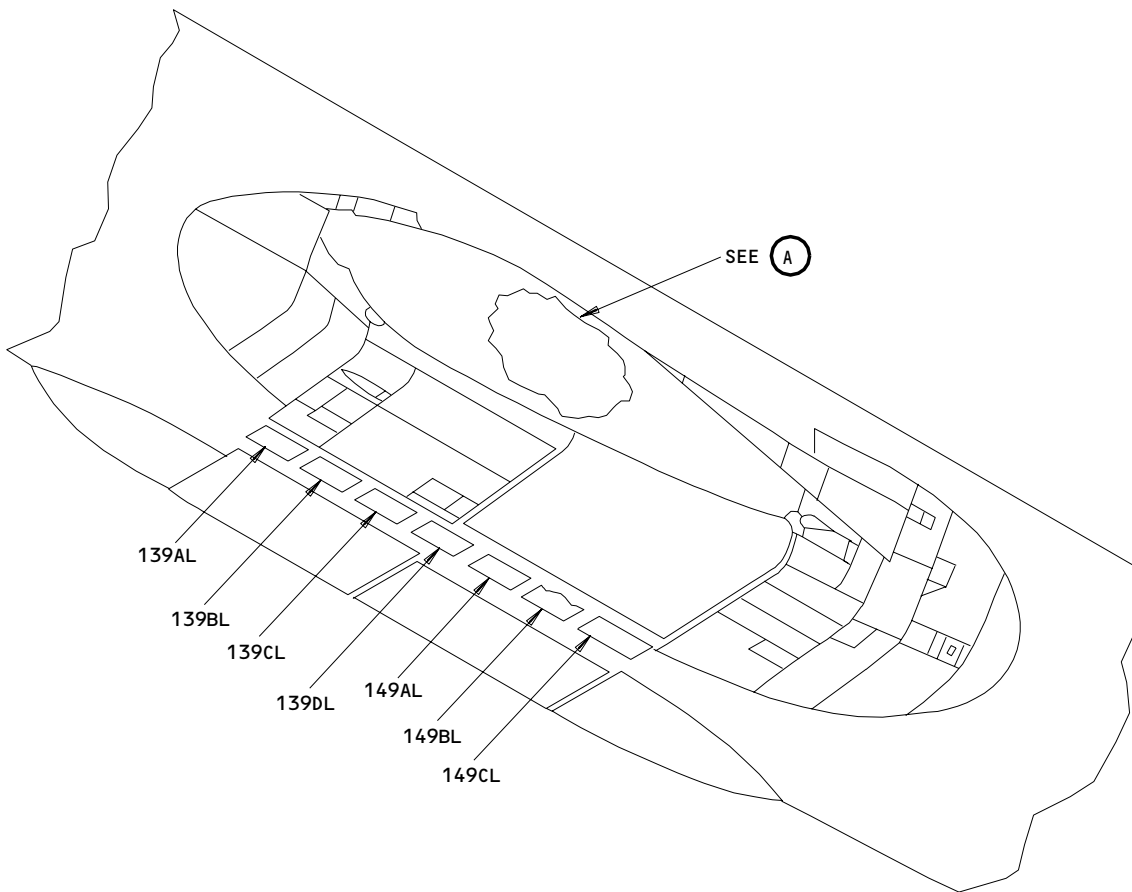
Fuselage (Major Zones 100 and 200) Access Doors and Panels - Left
Figure 201 (Sheet 2)

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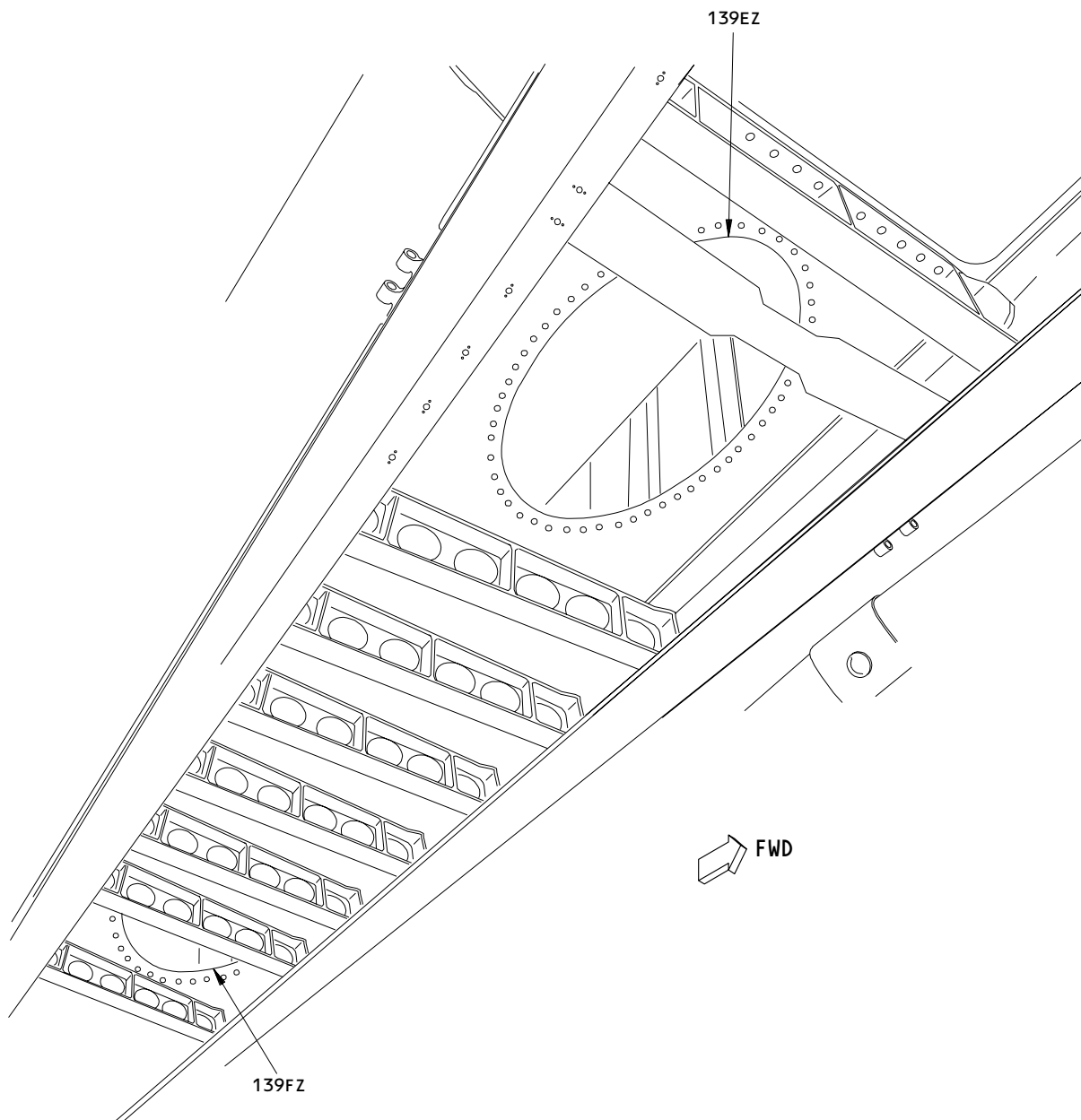
Fuselage (Major Zones 100 and 200) Access Doors and Panels - Center
Figure 202

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Fuselage (Major Zones 100 and 200) Access Doors and Panels - (Center)
Figure 202A

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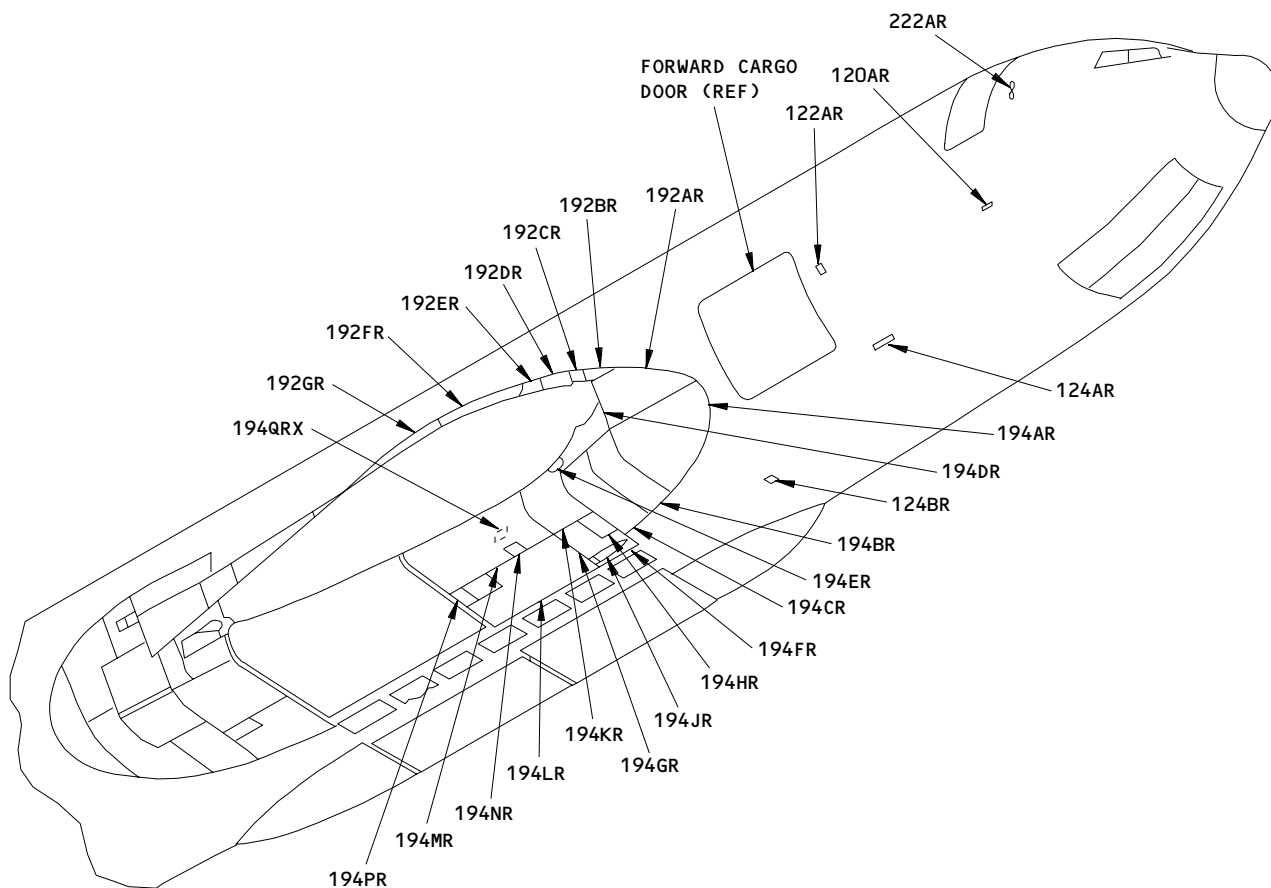
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Fuselage (Major Zones 100 and 200) Access Doors and Panels - Right
Figure 203 (Sheet 1)

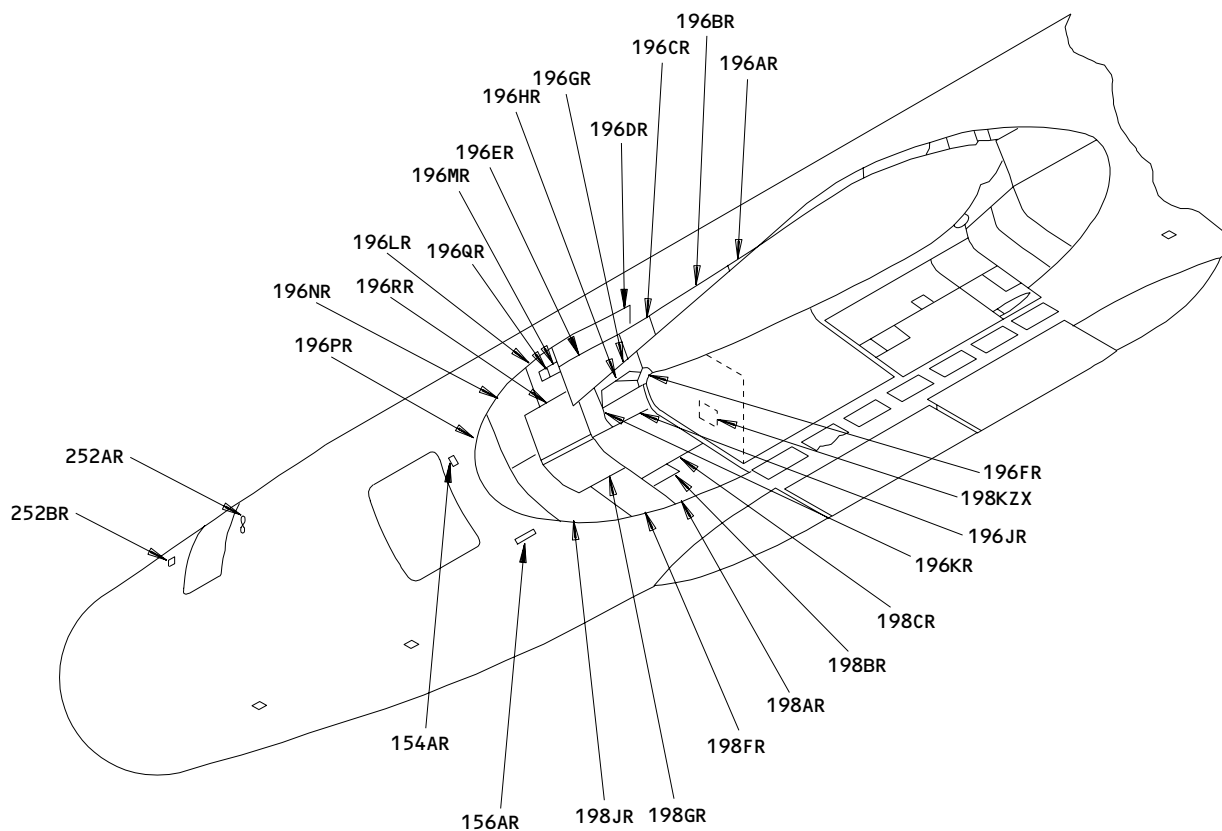
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Fuselage (Major Zones 100 and 200) Access Doors and Panels - Right
Figure 203 (Sheet 2)

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EMPENNAGE (MAJOR ZONE 300) ACCESS
DOORS AND PANELS – MAINTENANCE PRACTICES

1. General

- A. Major zone 300 contains fuselage section 48 and the empennage. Major zone 300 includes the sub-zones that follow. The sub-zones are identified with two numbers followed by a zero.
 - (1) Sub-zone 310, Fuselage Section 48 (Fig. 201)
 - (2) Sub-zone 320, Vertical Stabilizer and Rudder (Fig. 202)
 - (3) Sub-zone 330, Left Horizontal Stabilizer and Elevator (Fig. 203)
 - (4) Sub-zone 340 Right Horizontal Stabilizer and Elevator (Fig. 203)
- B. Each sub-zone is divided into zones that are identified with the first two numbers of the sub-zone followed by a number that is not zero. See the tables.
- C. Access doors and panels in a zone are identified by the zero number and a two- or three-letter suffix. This alpha-numeric label is different for each access door or panel.

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2. Sub-zone 310 Access Doors and Panels (Fig. 201)

A. General

- (1) The top collector drawing number for the Empennage access doors and panels is:

414T4301

- (2) Refer to the table that follows for equipment/components accessible through access door or panel:

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
311AZ 311BL	312AR	Dorsal Fin Stabilizer Jackscrew Safety Rod APU Air Supply Check Valve, Stabilizer Jackscrew
313AL 313BLX 313CLX	314BRX 314CRX	Elevator Mechanical Linkages, APU Fire Extinguisher Bottle Stabilizer Body Seal Doors Stabilizer Body Seal Doors
315AL 315BL 315CL	314DR 314ER 314FR 316AR	Air inlet door actuator Air inlet door actuator Air inlet door hinge Auxiliary Power Unit Tail Cone APU Inlet Plenum

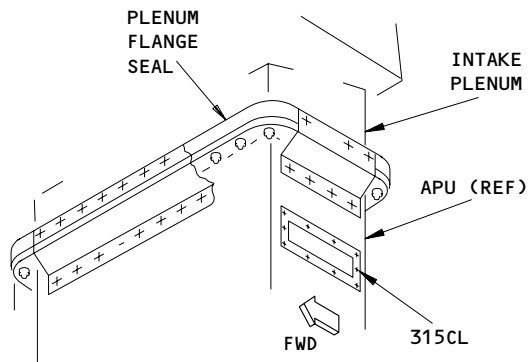
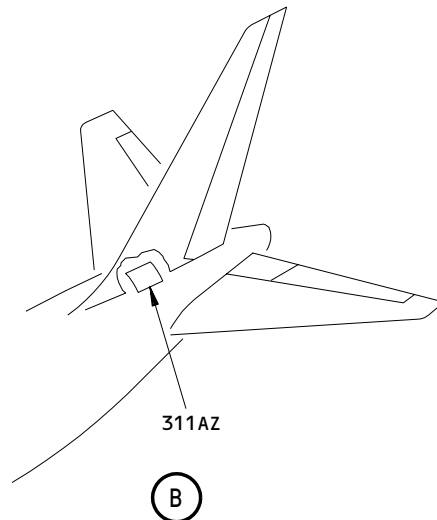
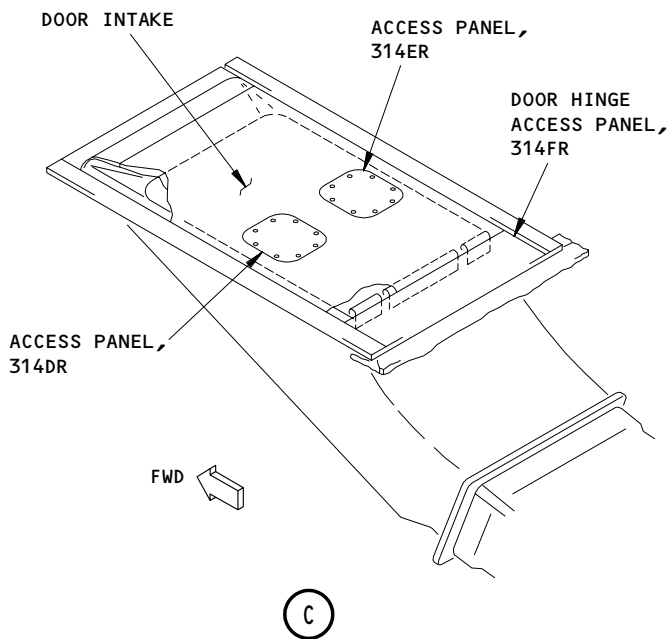
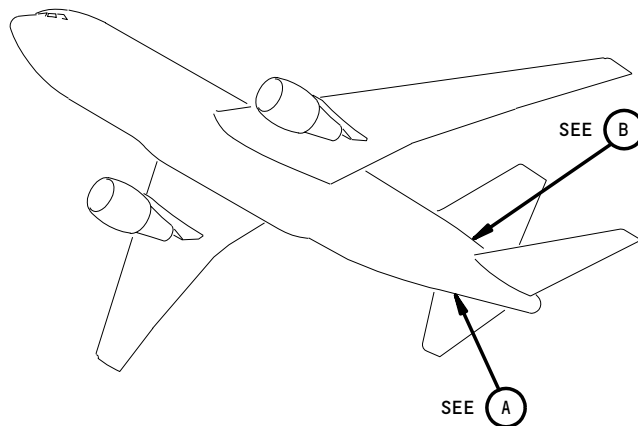
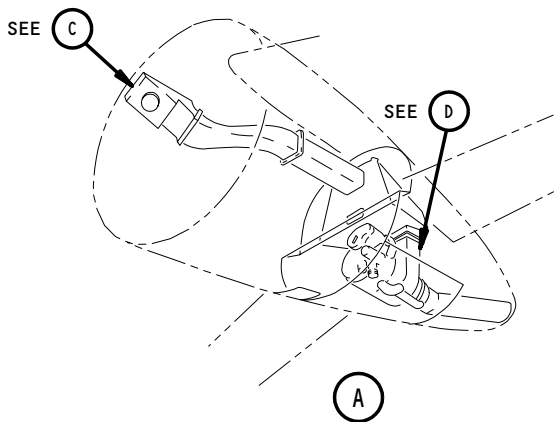
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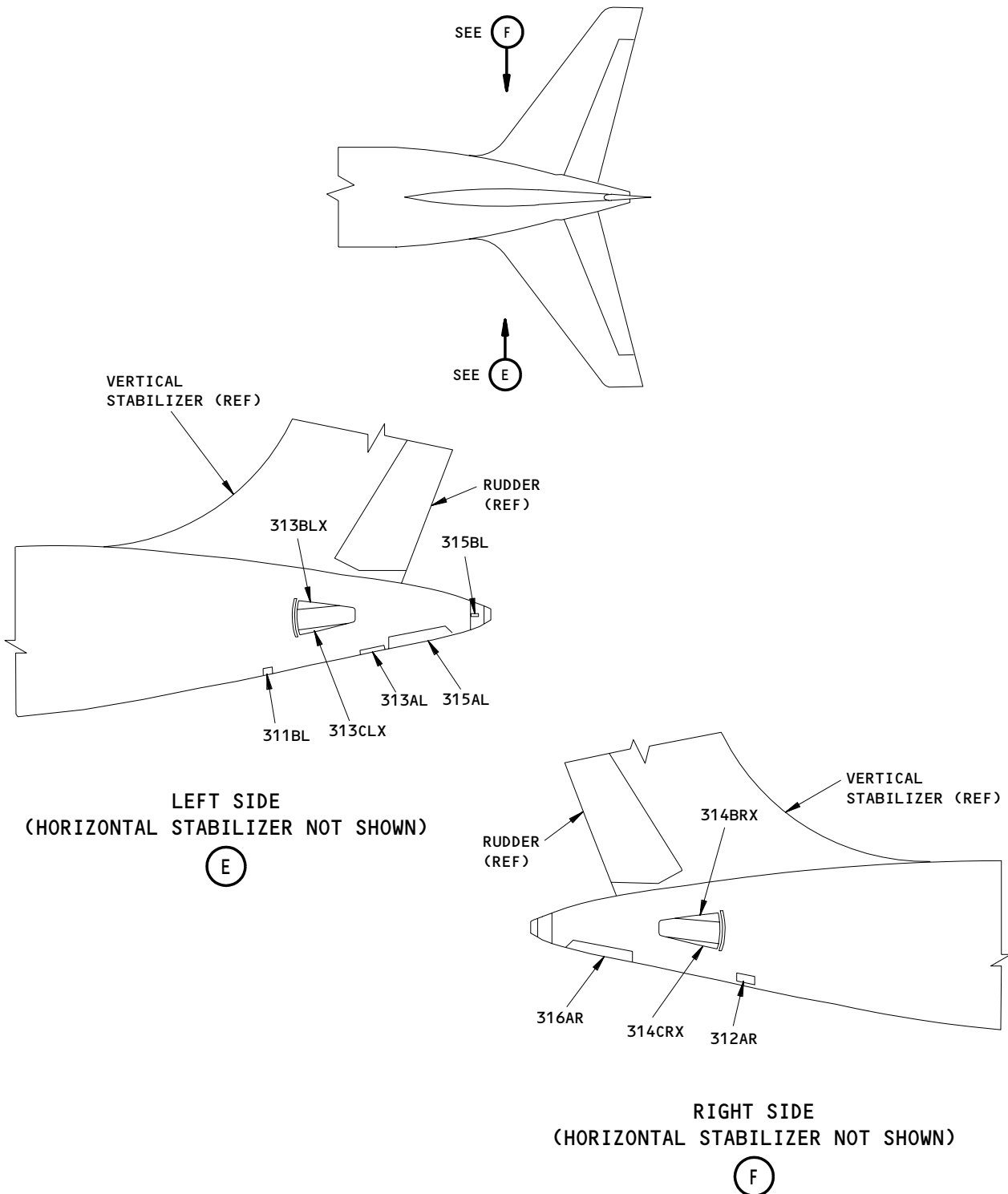
APU AIR INTAKE PLENUM

NOTE: SEE SUB-ZONE 310 TABLE FOR ACCESS INFORMATION.

Sub-Zone 310 Access Doors and Panels
Figure 201 (Sheet 1)

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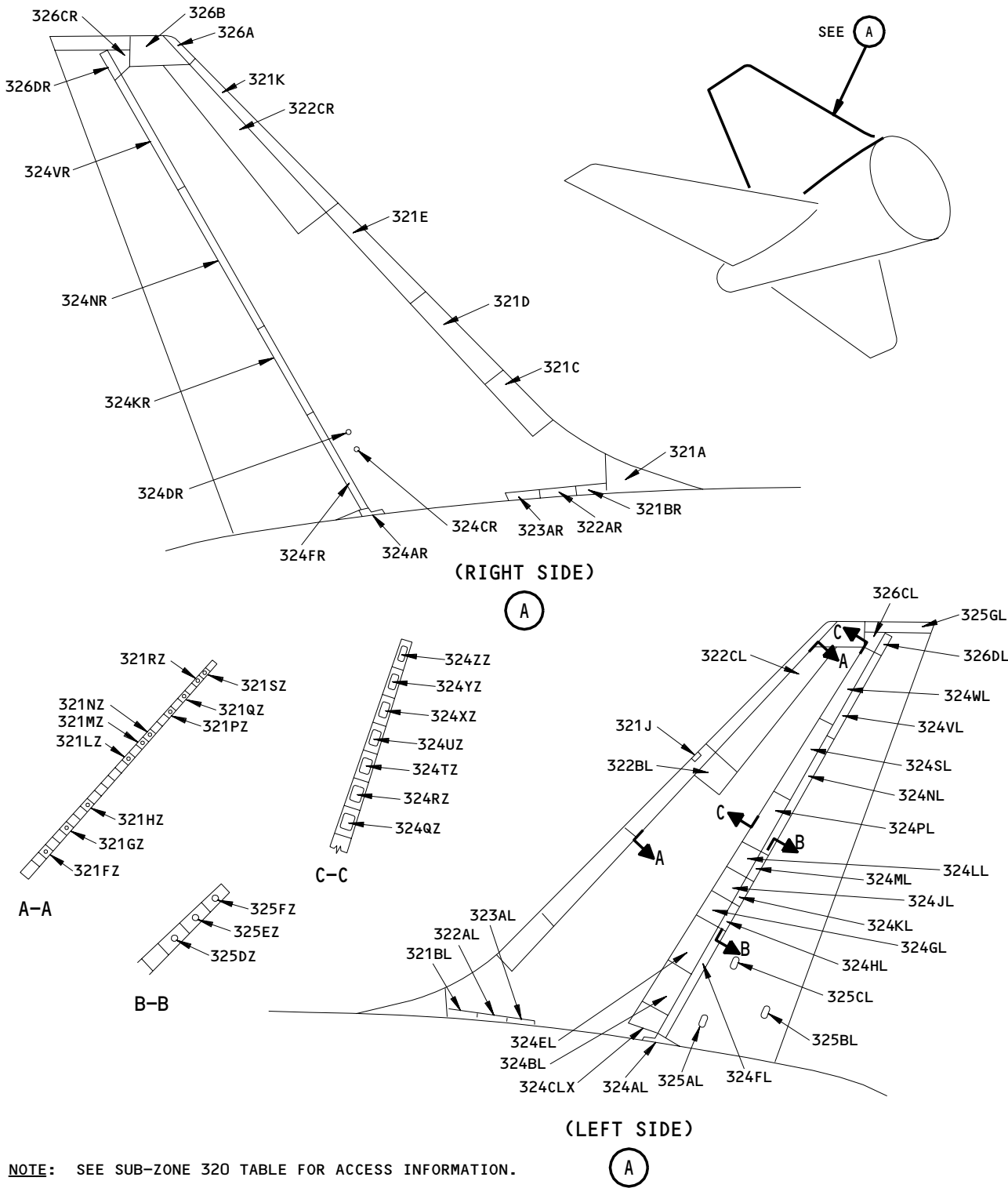
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Sub-Zone 310 Access Doors and Panels
Figure 201 (Sheet 2)

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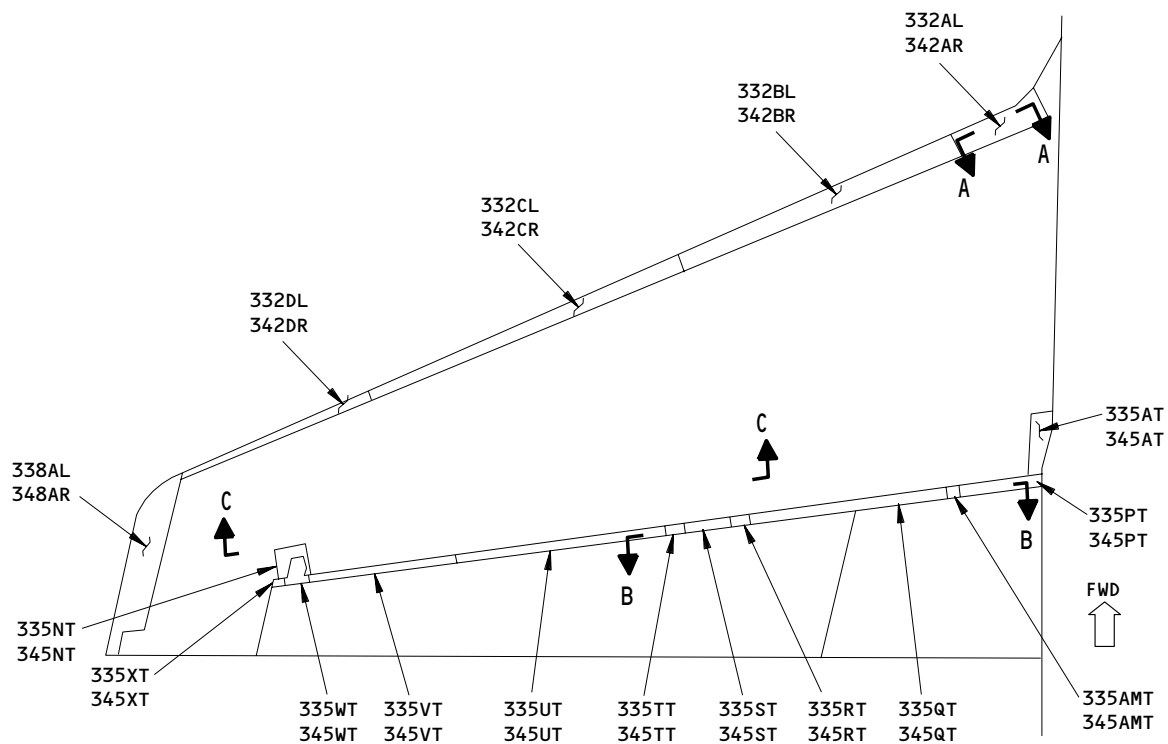
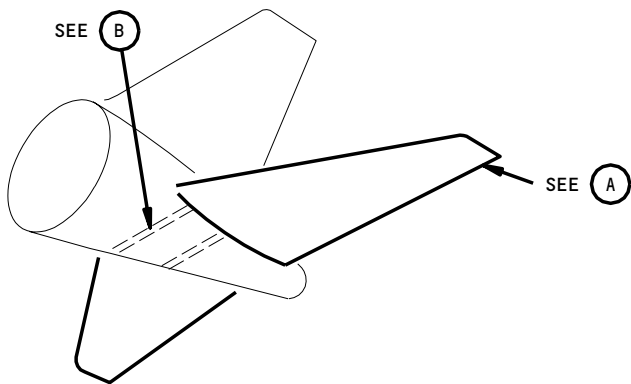
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Sub-Zone 320 Access Doors and Panels
Figure 202

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LEFT STABILIZER
(RIGHT STABILIZER IS OPPOSITE)
(TOP VIEW)

(A)

NOTE: SEE SUB-ZONE 330/340 TABLE FOR ACCESS INFORMATION.

Sub-Zones 330/340 Access Doors and Panels
Figure 203 (Sheet 1)

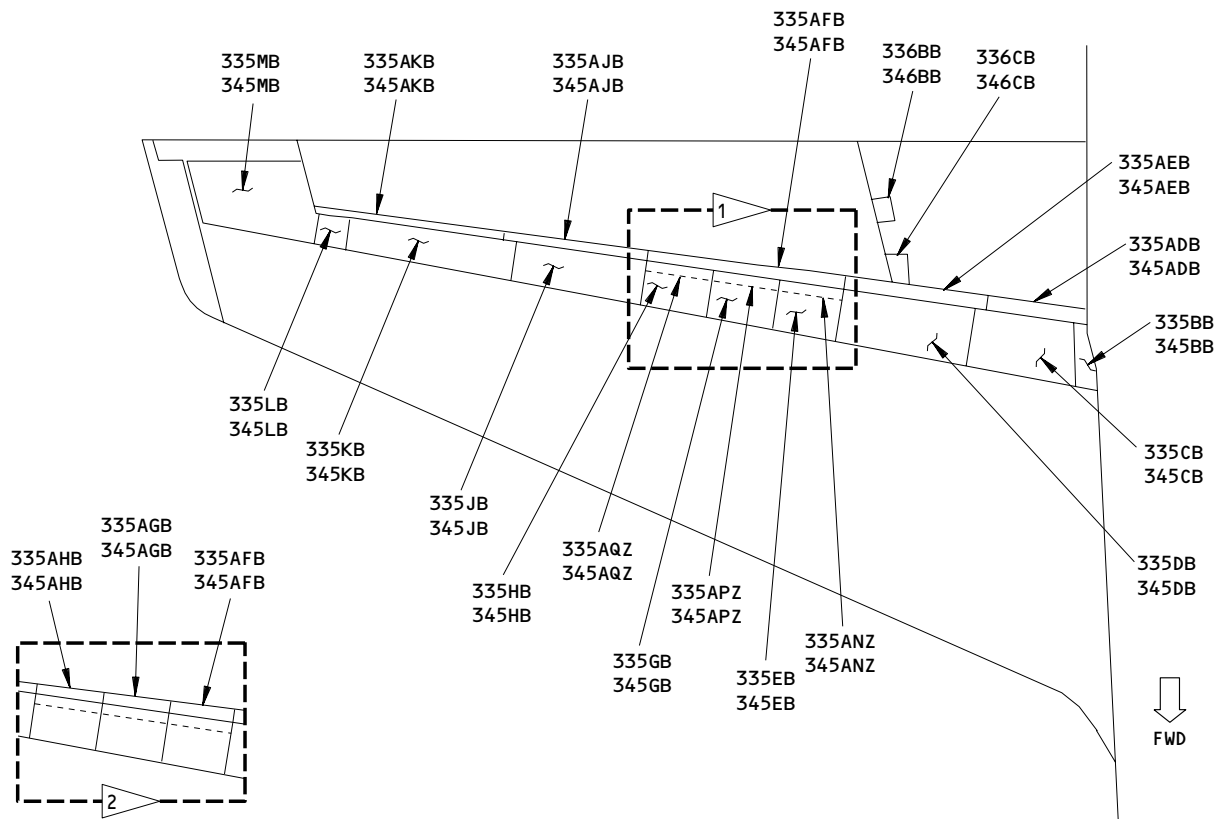
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LEFT STABILIZER
(RIGHT STABILIZER IS OPPOSITE)
(BOTTOM VIEW)

(A)

- 1 AIRPLANES WITH ONE-PIECE HORIZONTAL STABILIZER TE SEAL.
- 2 AIRPLANES WITH THREE-PIECE HORIZONTAL STABILIZER TE SEAL.

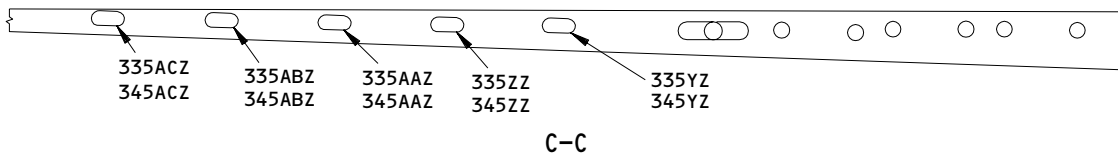
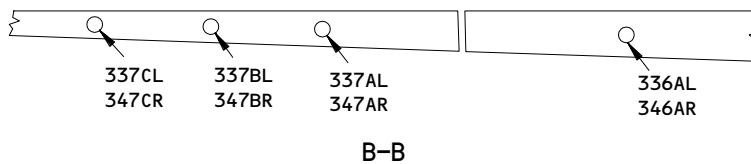
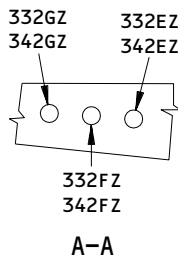
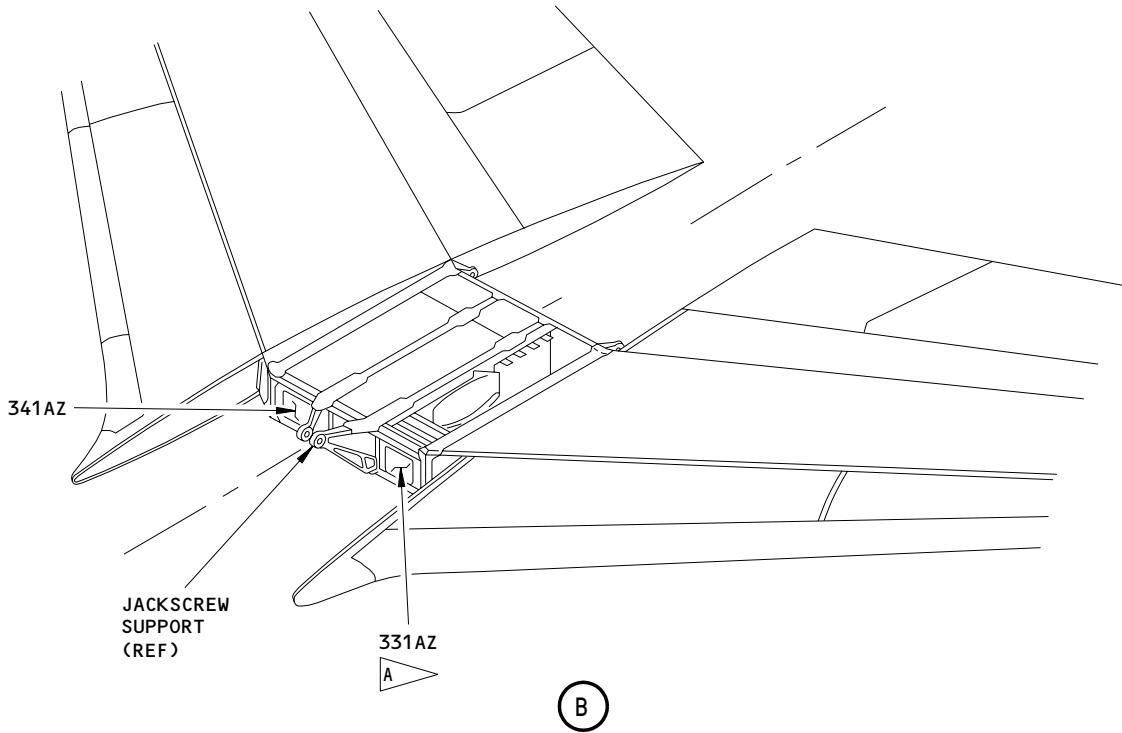
Sub-Zone 330/340 Access Doors and Panels
Figure 203 (Sheet 2)

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A PANEL 331AZ OPTIONAL FOR AIRPLANES LINE NO. 811 AND ON.

Sub-Zones 330/340 Access Doors and Panels
Figure 203 (Sheet 3)

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3. Sub-zone 320 Access Doors and Panels (Fig. 202)

A. General

- (1) Refer to the tables that follow for equipment/components accessible through access door or panel:

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DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
321A	321BR	Dorsal Fin
321BL		Fin Lower Surface
321C		L. E. Vertical Stabilizer
321D		L. E. Vertical Stabilizer
321E		L. E. Vertical Stabilizer
321FZ		L. E. Vertical Stabilizer
321GZ		L. E. Vertical Stabilizer
321HZ		L. E. Vertical Stabilizer
321J		HF Antenna Coupler Lead
321K		Fin Auxiliary Spar
321LZ		Fin Auxiliary Spar
321MZ		Fin Auxiliary Spar
321NZ		Fin Auxiliary Spar
321PZ		Fin Auxiliary Spar
321QZ	Fin Auxiliary Spar	
321RZ	Fin Auxiliary Spar	
321SZ	Fin Auxiliary Spar	
322AL	322AR	Lower Side of Fin
322BL		HF Coupler
322CL	322CR	Auxiliary Spar and Front Spar
323AL	323AR	Lower Side of Fin
324AL	324AR	Lower Side of Fin
324BL		Rudder L. E. Spar, Hinge Fittings, Feel, Centering and Trim Mechanism, T. E. Vertical Stabilizer
324CLX	324CR	Rudder L. E. Spar, Hinge Fittings, Feel, Centering and Trim Mechanism, T. E. Vertical Stabilizer
		Trailing Edge of Vertical Stabilizer
	324DR	Trailing Edge of Vertical Stabilizer
324EL	324FR	Rudder L. E. Spar, Hinge Fittings and Mechanical Control Path
324FL		Rudder Seal
324GL	324KR	Rudder L. E. Spar, Hinge Fittings and Mechanical Control Path
324HL		Rudder Seal
324JL	324KL	Rudder L. E. Spar, Hinge Fittings and T. E. of Vertical Stabilizer
324KL		Rudder Mechanical Control Path and Rudder Seal

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DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
(CONT)		
324LL		Rudder L. E. Spar, Hinge Fittings, Mechanical Control Path and T. E. of Vertical Stabilizer
324ML	324NR	Rudder Seal
324NL		Rudder Seal
324PL		Rudder L. E. Spar, Hinge Fittings and T. E. of Vertical Stabilizer
324QZ		T. E. of Vertical Stabilizer
324RZ		T. E. of Vertical Stabilizer
324SL		Rudder L. E. Spar, Hinge Fittings and T. E. of Vertical Stabilizer
324TZ		T. E. of Vertical Stabilizer
324UZ	324VR	T. E. of Vertical Stabilizer
324VL		Rudder Seal
324WL		Rudder L. E. Spar, Hinge Fittings and T. E. of Vertical Stabilizer
324XZ		T. E. of Vertical Stabilizer
324YZ		T. E. of Vertical Stabilizer
324ZZ		T. E. of Vertical Stabilizer
325AL		Rudder - Internal Structure
325BL		Rudder - Internal Structure
325CL		Rudder - Internal Structure
325DZ		Rudder Spar and Internal Structure
325EZ		Rudder Spar and Internal Structure
325FZ		Rudder Spar and Internal Structure
325GL		Rudder Tip
326A		Leading Edge of Fin
326B		VOR Antenna
326CL	326CR	Fin Tip Internal Structure
326DL	326DR	Rudder Seal

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4. Sub-zones 330 and 340 Access Doors and Panels (Fig. 203)

A. General

- (1) Refer to the tables that follow for equipment/components accessible through access door or panel:

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DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
331AZ	341AZ	Horizontal Stabilizer Center Section Assembly - Internal Structure (331AZ is optional for aircraft line no. 811 and on)
332AL	342AR	Stabilizer Auxiliary Spar
332BL	342BR	Stabilizer Auxiliary Spar
332CL	342CR	Stabilizer Auxiliary Spar
332DL	342DR	Stabilizer Auxiliary Spar
332EZ	342EZ	Stabilizer Auxiliary Spar
332FZ	342FZ	Stabilizer Auxiliary Spar
332GZ	342GZ	Stabilizer Auxiliary Spar
335AT	345AT	Horizontal Stabilizer Hinge Fittings and Elevator Mass Balance Seal
335BB	345BB	Horizontal Stabilizer Hinge Fittings and Elevator Mass Balance Seal
335CB	345CB	Elevator Control Mechanism, Position Transmitter
335DB	345DB	Elevator Control Mechanism, Position Transmitter
335EB	345EB	Elevator Control Mechanism, Position Transmitter
335GB	345GB	Elevator Control Mechanism
335HB	345HB	Elevator Control Mechanism
335JB	345JB	Elevator Spar Hinge Fitting and T. E. Horizontal Stabilizer
335KB	345KB	Elevator Spar Hinge Fitting and T. E. Horizontal Stabilizer
335LB	345LB	Elevator Spar Hinge Fitting and T. E. Horizontal Stabilizer
335MB	345MB	Elevator Spar Hinge Fitting and T. E. Horizontal Stabilizer
335NT	345NT	Elevator Mass Balance Seal
335PT	345PT	Elevator Hinges
335QT	345QT	Elevator Hinges
335RT	345RT	Elevator Hinges
335ST	345ST	Elevator Hinges
335TT	345TT	Elevator Hinges
335UT	345UT	Elevator Hinges
335VT	345VT	Elevator Hinges
335WT	345WT	Elevator Hinges
335XT	345XT	Elevator Hinges

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DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
(CONT)		
335YZ	345YZ	Horizontal Stabilizer - Rear Spar and Elevator Hinges
335ZZ	345ZZ	Horizontal Stabilizer - Rear Spar and Elevator Hinges
335AAZ	345AAZ	Horizontal Stabilizer - Rear Spar and Elevator Hinges
335ABZ	345ABZ	Horizontal Stabilizer - Rear Spar and Elevator Hinges
335ACZ	345ACZ	Horizontal Stabilizer - Rear Spar and Elevator Hinges
335ADB	345ADB	Elevator L. E.
335AEB	345AEB	Elevator L. E.
335AFB	345AFB	Elevator Hinges
335AJB	345AJB	Elevator Hinges
335AKB	345AKB	Elevator Hinges
335AMT	345AMT	Elevator Hinges
335ANZ	345ANZ	Horizontal Stabilizer Removeable Lower Trailing Edge Beam
335APZ	345APZ	Horizontal Stabilizer Removeable Lower Trailing Edge Beam
335AQZ	345AQZ	Horizontal Stabilizer Removeable Lower Trailing Edge Beam
336AL	346AR	Elevator - Internal
336BB	346BB	Elevator - Internal and Interconnect Fitting
336CB	346CB	Elevator - Interconnect Fitting
337AL	347AR	Elevator - Internal
337BL	347BR	Elevator - Internal
337CL	347CR	Elevator - Internal
338AL	348AR	Elevator - Internal

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ENGINE AND NACELLE STRUT (MAJOR ZONE 400)
ACCESS DOORS AND PANELS – MAINTENANCE PRACTICES

1. General (Fig. 201)

- A. Major zone 400 contains the power plants and nacelle struts and includes the sub-zones that follow. The sub-zones are identified with two numbers followed by a zero.
 - (1) Sub-zone 410, No. 1 Power Plant (Left Engine)
 - (2) Sub-zone 420, No. 2 Power Plant (Right Engine)
 - (3) Sub-zone 430, No. 1 Nacelle Strut (Left Strut)
 - (4) Sub-zone 440, No. 2 Nacelle Strut (Right Strut)
- B. Each sub-zone is divided into zones that are identified with the first two numbers of the sub-zone followed by a number that is not zero. See the tables.
- C. Access doors and panels in a zone are identified by the zone number and a two- or three-letter suffix. This alpha-numeric label is different for each access door or panel.

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2. Engine and Nacelle Strut Access Doors and Panels

A. General

- (1) The top collector drawing number for the Engine and Nacelle Strut access doors and panels is:

414T4301
- (2) For the locations of the access doors and panels, see Fig. 201.
- (3) For equipment and components that you can get access to through the access doors and panels of the No. 1 engine, see Table 201.

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Table 201 (Engine No. 1)

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
	412AR	PT2 Probe
413AL		Fan Access and Fan Reverser Cascades
413BL		Pressure Relief Door and Fan Reverser Cascades
	414AR	Fan Cowl and Fan Reverser Cascades
415AL		Fan Reverser Engine Mount, 3.5 Bleed Valve, and T/R Control Box
415CL		Fan Reverser Upper Actuator
415DL		Fan Reverser Middle Actuator
415EL		Fan Reverser Lower Actuator
415HL		Fan Reverser Track
415JL		Fan Reverser Track
415FB		Bifurcation Duct
415GZ		Hinge Fitting
	416AR	Fan Duct Cowl and Thrust Reverser, Front Engine Mount, Engine Area Push-Pull Cable, and 3.5 Bleed Valve
	416BR	Nacelle Strut Fwd Torque Box and Strut Area Push-Pull Cable
	416CR	Fan Reverser Upper Actuator
	416DR	Fan Reverser Middle Actuator
	416ER	Fan Reverser Lower Actuator
	416GR	Fan Reverser Track

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Table 201 (Engine No. 1)

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
	416HR	Fan Reverser Track
	416FZ	Hinge Fitting
417AL		Core Cowl
417BL		Oil Tank Fill Door
417CL		IDGS Service Access and Pressure Relief Door
	418AR	Core Cowl
	418BR	Pressure Relief Door, R/H Core Cowl
	418CR	Pressure Relief Door, R/H Core Cowl
431AT		Fwd Strut, Thrust Control Cable, and T/R Control Box
431BT		Fwd Strut and T/R Hydraulic Motor
431CT		Engine Throttle Quadrant Access and Pressure Relief Door
431DT		Fwd Strut - Aft Access
431ET		Underwing Strut
432AL		Nacelle Strut Fwd Torque Box, Strut Area Push-Pull Cable
432BL	432BR	Nacelle Strut Fwd Torque Box, Strut Area Push-Pull Cable
432CL	432CR	Thrust Reverser to Strut Fairing
432FL	432FR	Underwing Strut Fairing
434AL	434AR	Strut Pressure Relief Door and Pneumatic System Valve

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Table 201 (Engine No. 1)		
DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
436AL	436AR	Strut Access Door and Engine Mount Bolt
436BL	436BR	Strut Access Door and Engine Mount
436CL	436CR	Core Cowl Skirt Fairing
437AL	437AR	Fusible Pin
437BL		Hydraulic System
437CL	437CR	Fusible Pin
437DB		Strut TE Fairing
	437BR	Reservoir Pressurization Module/Filter and Hydraulic Case Drain Filters
437ELX	437ERX	Hydraulic Pump Supply Shutoff Valve

- (4) For equipment and components that you can get access to through the access doors and panels of the No. 2 engine, see Table 202.

Table 202 (Engine No. 2)		
DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
	422AR	PT2 Probe
423AL		Fan Access and Fan Reverser Cascades

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Table 202 (Engine No. 2)

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
423BL		Pressure Relief Door and Fan Reverser Cascades
	424AR	Fan Cowl and Fan Reverser Cascades
425AL		Fan Reverser Engine Mount, 3.5 Bleed Valve, and T/R Control Box
425CL		Fan Reverser Upper Actuator
425DL		Fan Reverser Middle Actuator
425EL		Fan Reverser Lower Actuator
425HL		Upper thrust reverser track
425FB		Bifurcation Duct
425JL		Lower thrust reverser track
425GZ		Hinge Fitting
	426AR	Fan Duct Cowl and Thrust Reverser, Front Engine Mount, Engine Area Push-Pull Cable, and 3.5 Bleed Valve
	426BR	Nacelle Strut Fwd Torque Box and Strut Area Push-Pull Cable
	426CR	Fan Reverser Upper Actuator
	426DR	Fan Reverser Middle Actuator
	426GR	Upper thrust reverser track
	426FZ	Hinge Fitting
	426HR	Lower thrust reverser track
427AL		Core Cowl
427BL		Oil Tank Fill Door

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Table 202 (Engine No. 2)

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
427CL		IDGS Service Access and Pressure Relief Door
	428AR	Core Cowl
	428BR	Pressure Relief Door, R/H Core Cowl
	428CR	Pressure Relief Door, R/H Core Cowl
441AT		Fwd Strut, Thrust Control Cable, and T/R Control Box
441BT		Fwd Strut and T/R Hydraulic Motor
441CT		Engine Throttle Quadrant Access and Pressure Relief Door
441DT		Fwd Strut - Aft Access
441ET		Underwing Strut
442AL		Nacelle Strut Fwd Torque Box, Strut Area Push-Pull Cable
442BL	442BR	Nacelle Strut Fwd Torque Box, Strut Area Push-Pull Cable
442CL	442CR	Thrust Reverser to Strut Fairing
442FL	442FR	Underwing Strut Fairing
444AL	444AR	Strut Pressure Relief Door and Pneumatic System Valve
446AL	446AR	Strut Access Door and Engine Mount Bolt
446BL	446BR	Strut Access Door and Engine Mount
446CL	446CR	Core Cowl Skirt Fairing
447AL	447AR	Fusible Pin
447BL		Hydraulic System
447CL	447CR	Fusible Pin

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Table 202 (Engine No. 2)		
DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
447DB		Strut T.E. Fairing
	447BR	Reservoir Pressurization Module/Filter and Hydraulic Case Drain Filters
447ELX	447ERX	Hydraulic Pump Supply Shut-off Valve

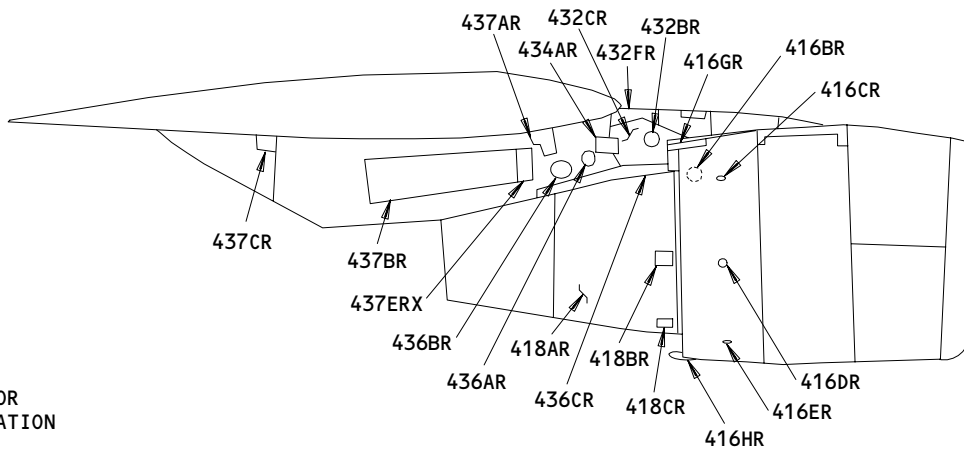
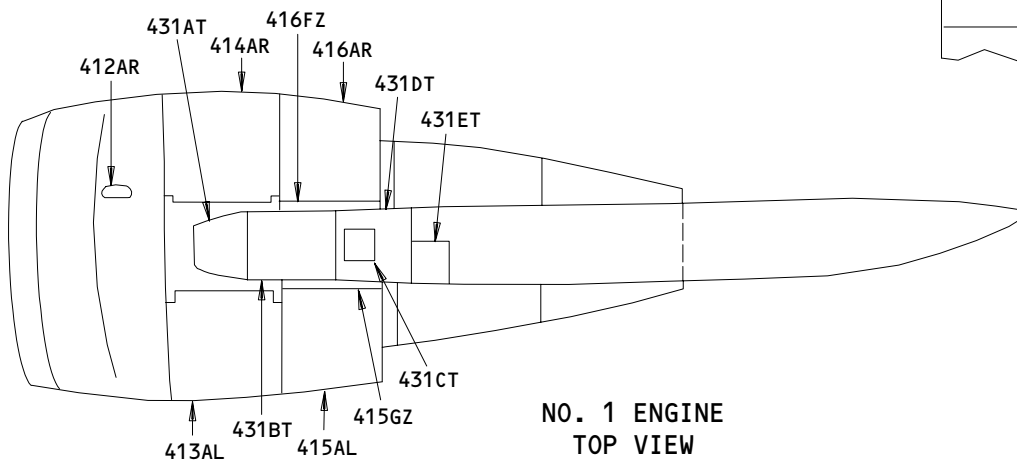
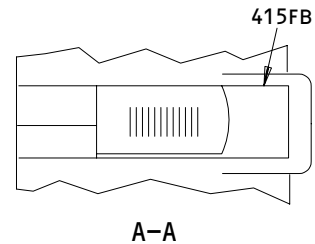
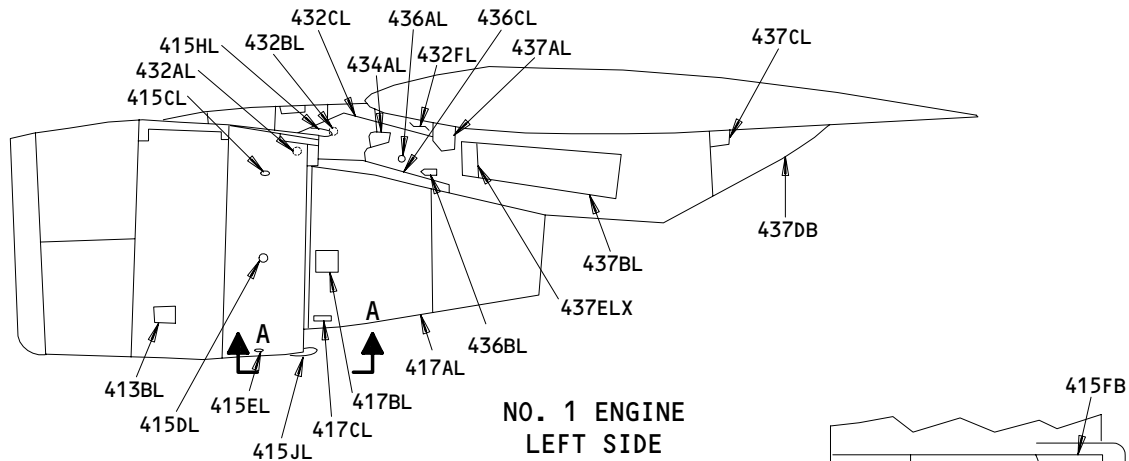
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NOTE: SEE TABLE I FOR
ACCESS INFORMATION

Engine and Nacelle Strut (Major Zone 400)
Access Doors and Panels (Pratt and Whitney)
Figure 201 (Sheet 1)

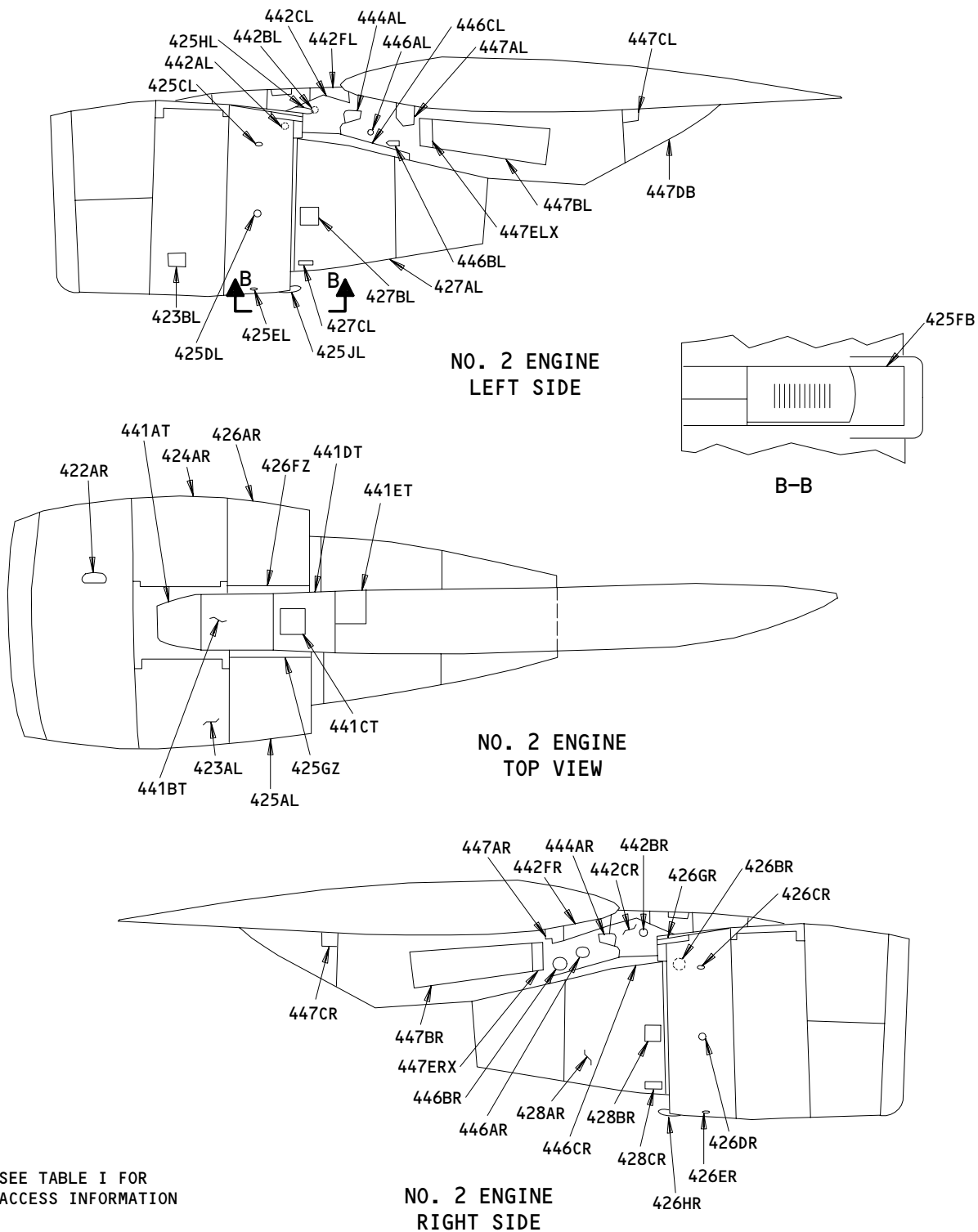
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Engine and Nacelle Strut (Major Zone 400)
Access Doors and Panels (Pratt and Whitney)
Figure 201 (Sheet 2)

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WINGS (MAJOR ZONES 500 AND 600)
ACCESS DOORS AND PANELS – MAINTENANCE PRACTICES

1. General

- A. Major zone 500 contains the left wing and major zone 600 contains the right wing. These major zones include sub-zones, which are identified with two numbers followed by a zero.
- (1) Sub-zones 510 and 610 (Left and Right Leading Edge – Inboard of Nacelle Strut) Fig. 201
 - (2) Sub-zones 520 and 620 (Left and Right Leading Edge – Outboard of Nacelle Strut) Fig. 202
 - (3) Sub-zones 530 and 630 (Left and Right Wing Inspar Area – Inboard of Nacelle Strut) Fig. 203
 - (4) Sub-zones 540 and 640 (Left and Right Wing Inspar Area – Outboard of Nacelle Strut) Fig. 204
 - (5) Sub-zones 550 and 650 (Left and Right Wing Trailing Edge – Inboard of Rib 10) Fig. 205
 - (6) Sub-zones 560 and 660 (Left and Right Wing Trailing Edge – Outboard of Rib 10) Fig. 206
 - (7) Sub-zones 570 and 670 (Left and Right Wing Flap Track Fairings) Fig. 207
- B. Each sub-zone is divided into zones that are identified with the first two numbers of the sub-zone followed by a number that is not zero. See the tables.
- C. The zone number and a two- or three-letter suffix identify the access doors and panels in a zone. This alpha-numeric label is different for each access door or panel.
- D. Refer to the illustrations for the effectivities of the doors and panels shown in the tables that follow.

TASK 06-44-00-992-001

2. Major Sub-Zone 510 and 610 Access Doors and Panels (Fig. 201)

A. General

- (1) The top collector drawing for the Wings access doors and panels is:

414T4301

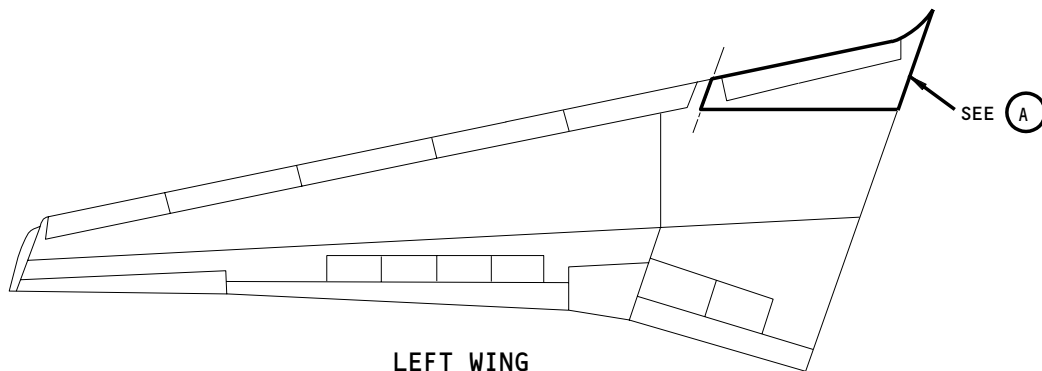
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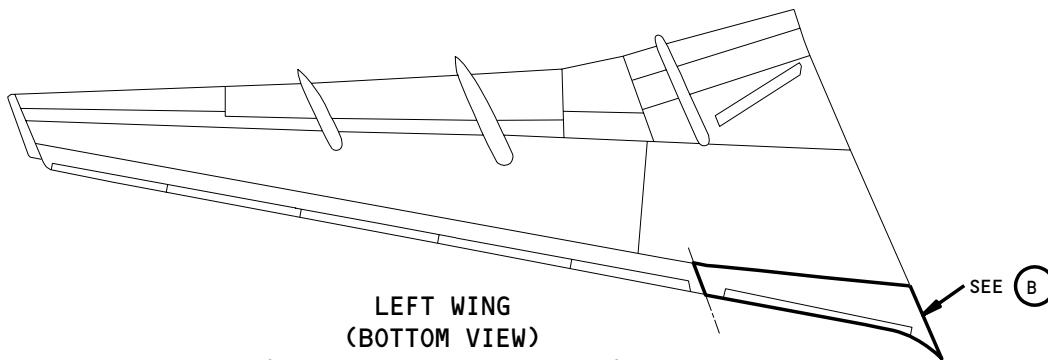
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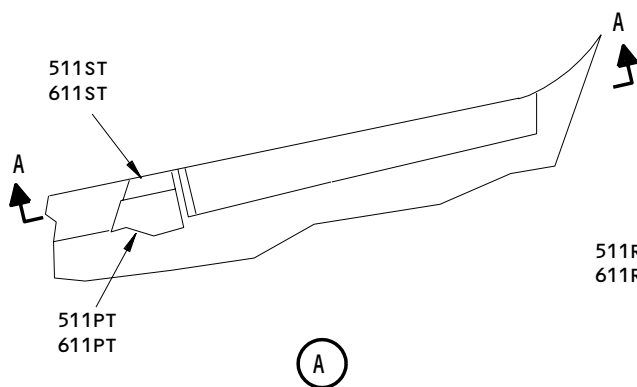
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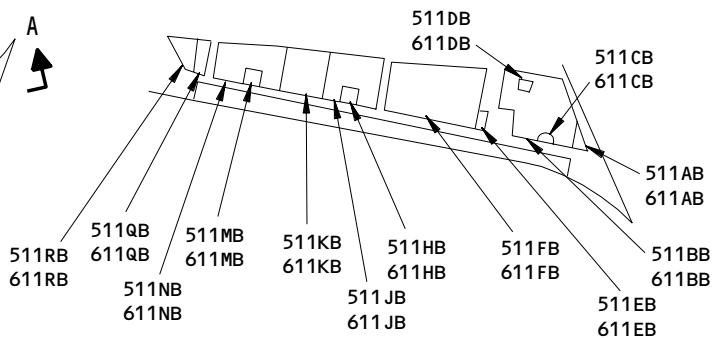
LEFT WING
(TOP VIEW)
(RIGHT WING IS OPPOSITE)



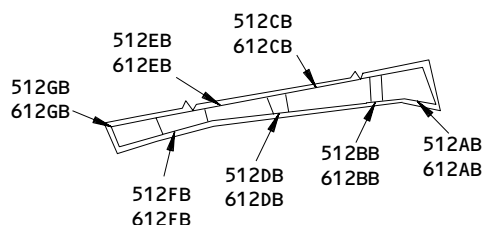
LEFT WING
(BOTTOM VIEW)
(RIGHT WING IS OPPOSITE)



(A)



(B)



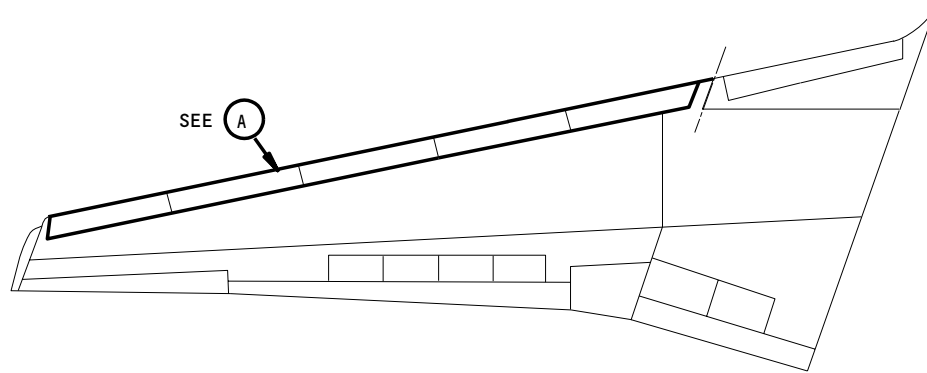
A-A

NOTE: SEE SUB-ZONE 510/610 TABLE FOR ACCESS INFORMATION. 500-SERIES PANEL NUMBERS REFER TO LEFT WING. 600-SERIES PANEL NUMBERS REFER TO RIGHT WING.

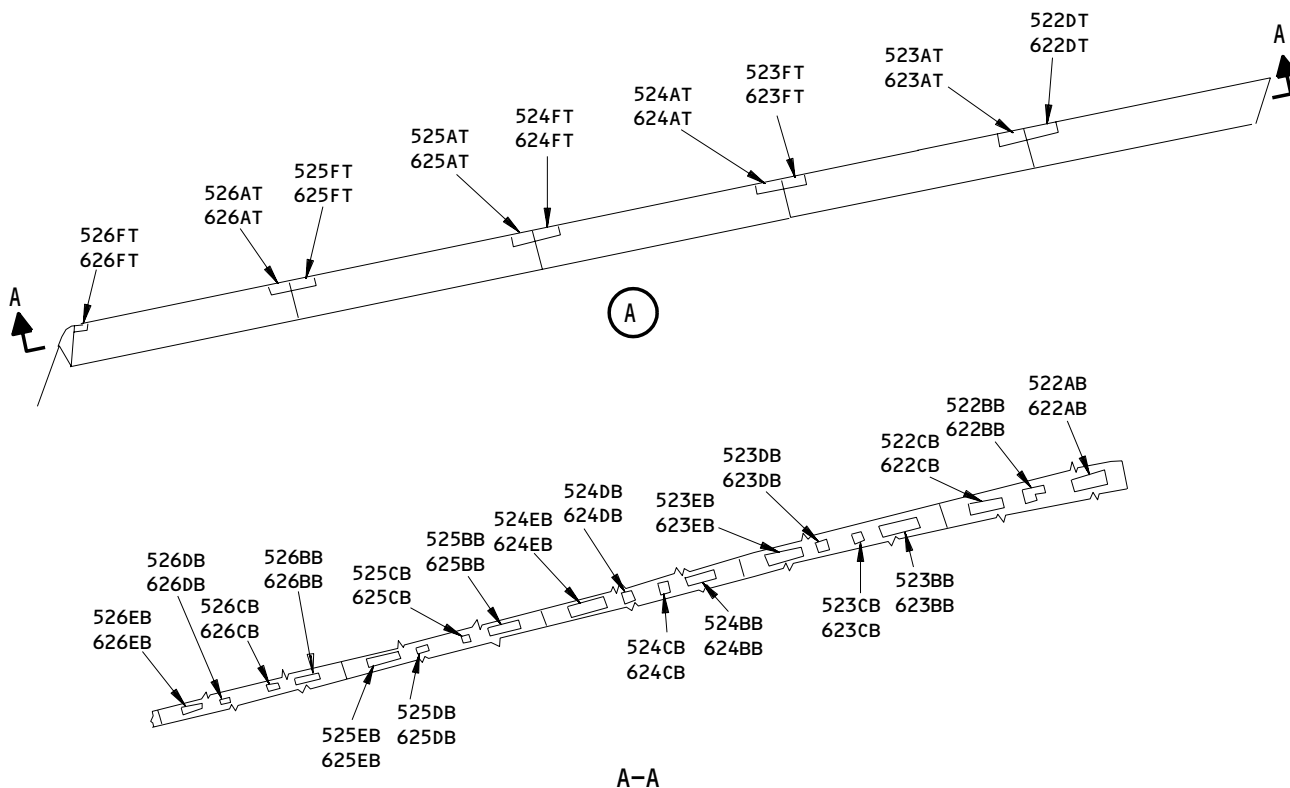
Sub-Zones 510 and 610 Access Doors and Panels
Figure 201

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LEFT WING
(TOP VIEW)
(RIGHT WING IS OPPOSITE)



NOTE: SEE SUB-ZONE 520/620 TABLE FOR ACCESS INFORMATION. 500-SERIES PANEL NUMBERS REFER TO LEFT WING. 600-SERIES PANEL NUMBERS REFER TO RIGHT WING.

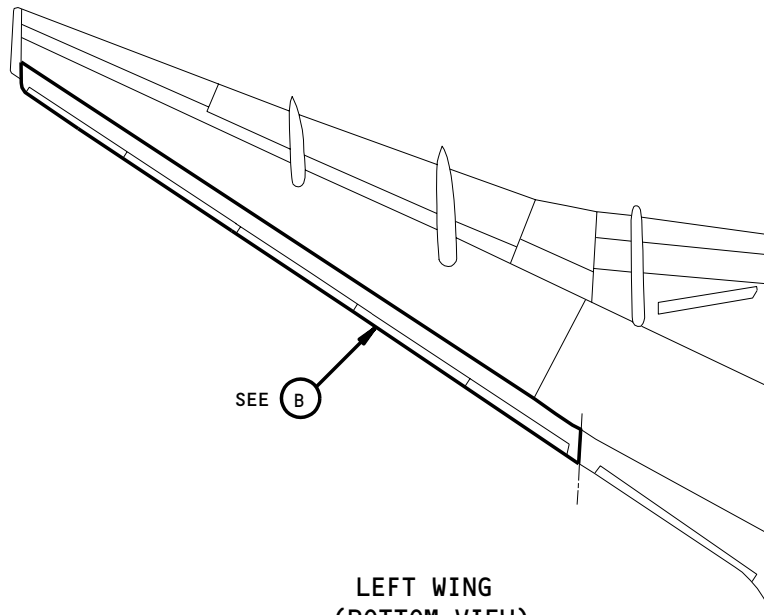
Sub-Zones 520 and 620 Access Doors and Panels
Figure 202 (Sheet 1)

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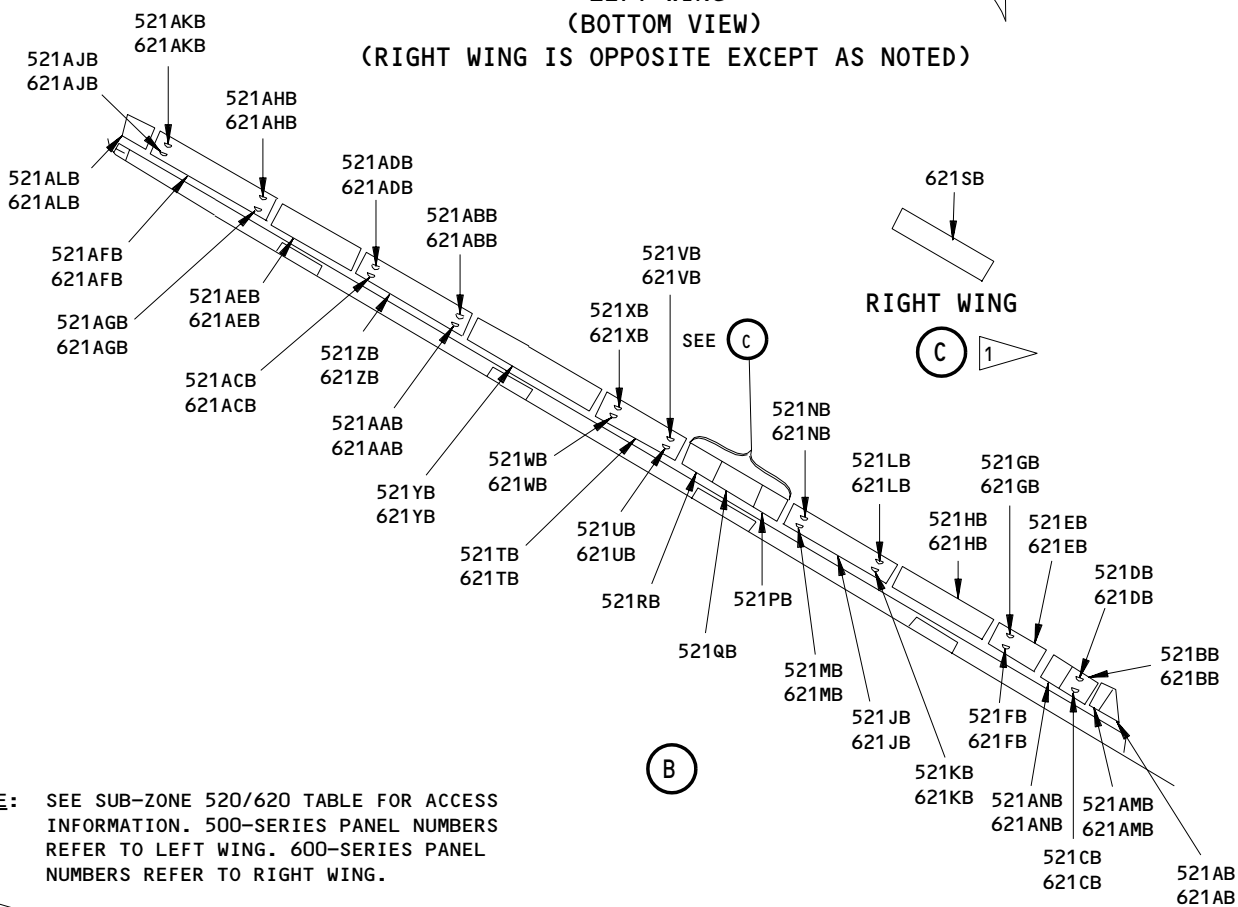
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**LEFT WING
(BOTTOM VIEW)
(RIGHT WING IS OPPOSITE EXCEPT AS NOTED)**



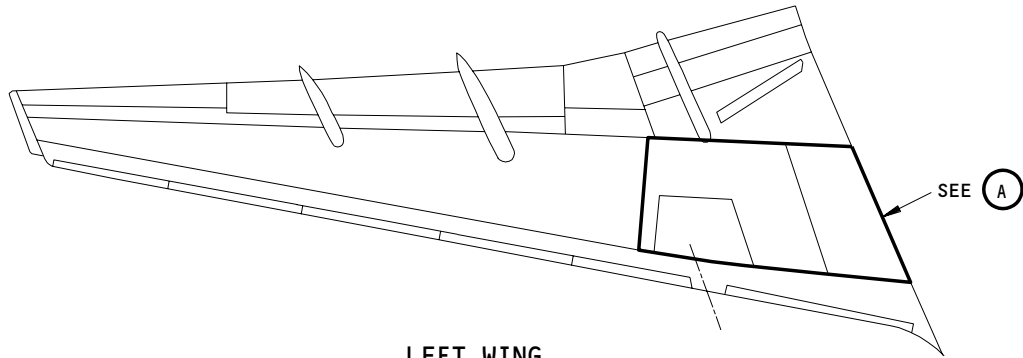
NOTE: SEE SUB-ZONE 520/620 TABLE FOR ACCESS INFORMATION. 500-SERIES PANEL NUMBERS REFER TO LEFT WING. 600-SERIES PANEL NUMBERS REFER TO RIGHT WING.

1 ON SOME AIRPLANES, ACCESS PANEL 621SB HAS BEEN SUBDIVIDED INTO THREE ACCESS PANELS - 621PB, 621QB, AND 621RB.

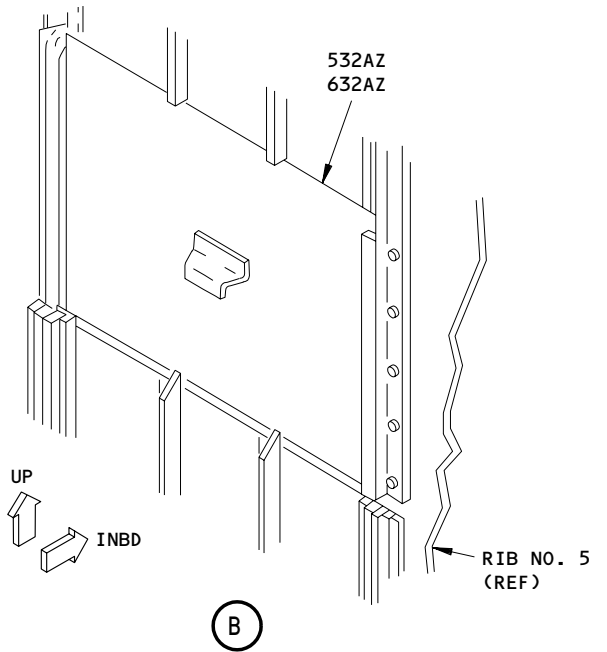
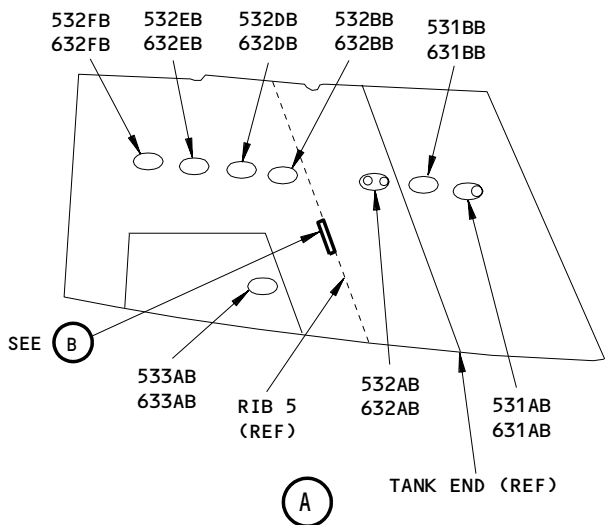
**Sub-Zones 520 and 620 Access Doors and Panels
Figure 202 (Sheet 2)**

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LEFT WING
(BOTTOM VIEW)
(RIGHT WING IS OPPOSITE)



NOTE: SEE SUB-ZONE 530/630 TABLE FOR FOR ACCESS INFORMATION. 500-SERIES PANEL NUMBERS REFER TO LEFT WING. 600-SERIES PANEL NUMBERS REFER TO RIGHT WING.

Sub-Zones 530 and 630 Access Doors and Panels
Figure 203

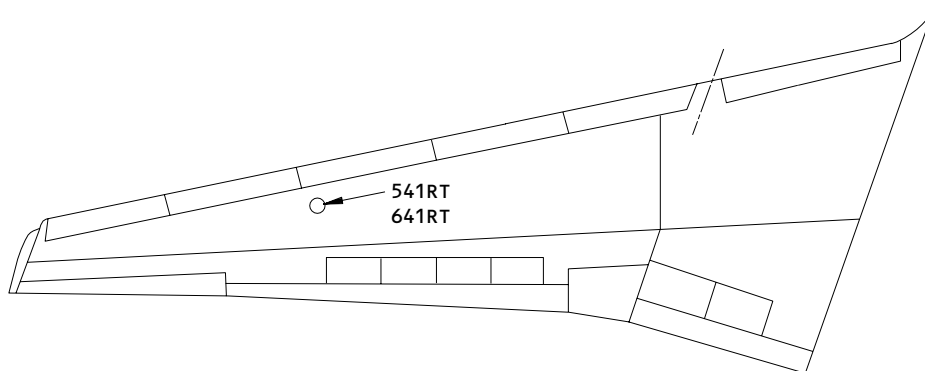
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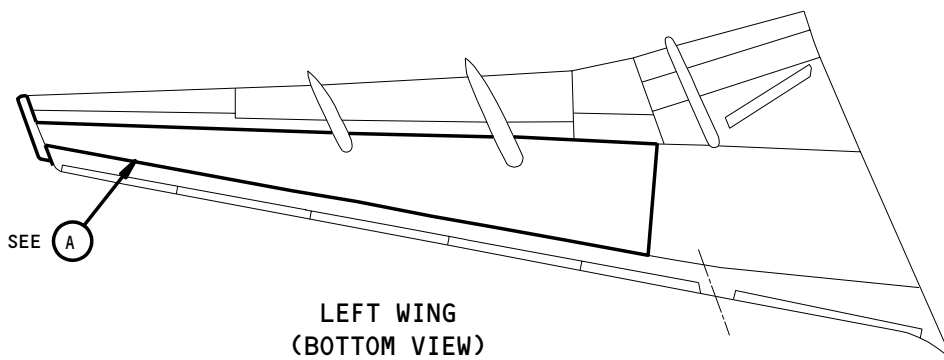
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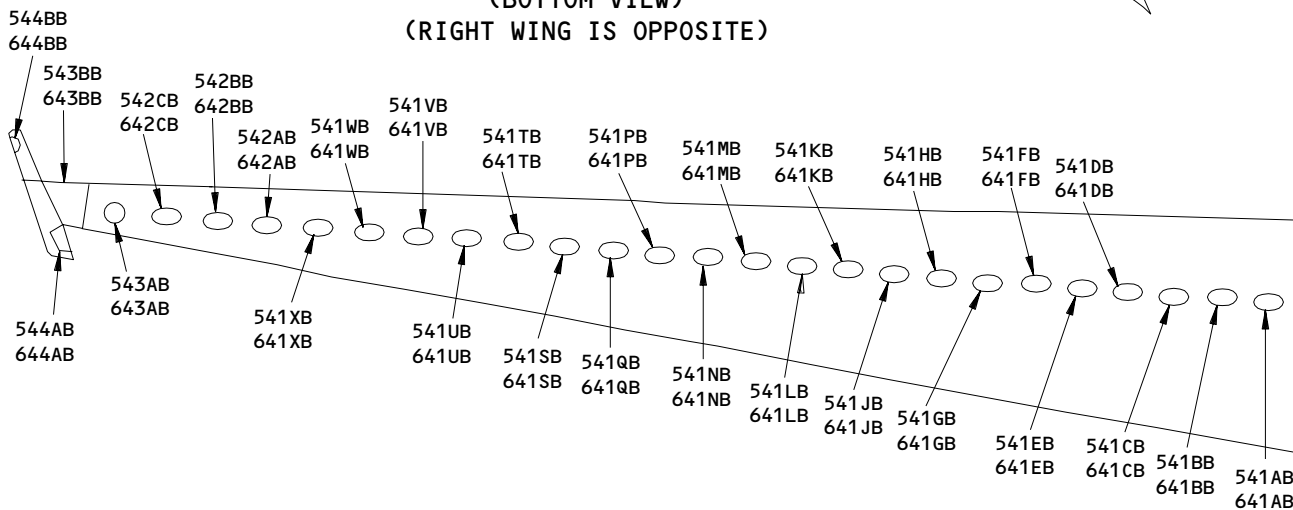
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LEFT WING
(TOP VIEW)
(RIGHT WING IS OPPOSITE)



LEFT WING
(BOTTOM VIEW)
(RIGHT WING IS OPPOSITE)



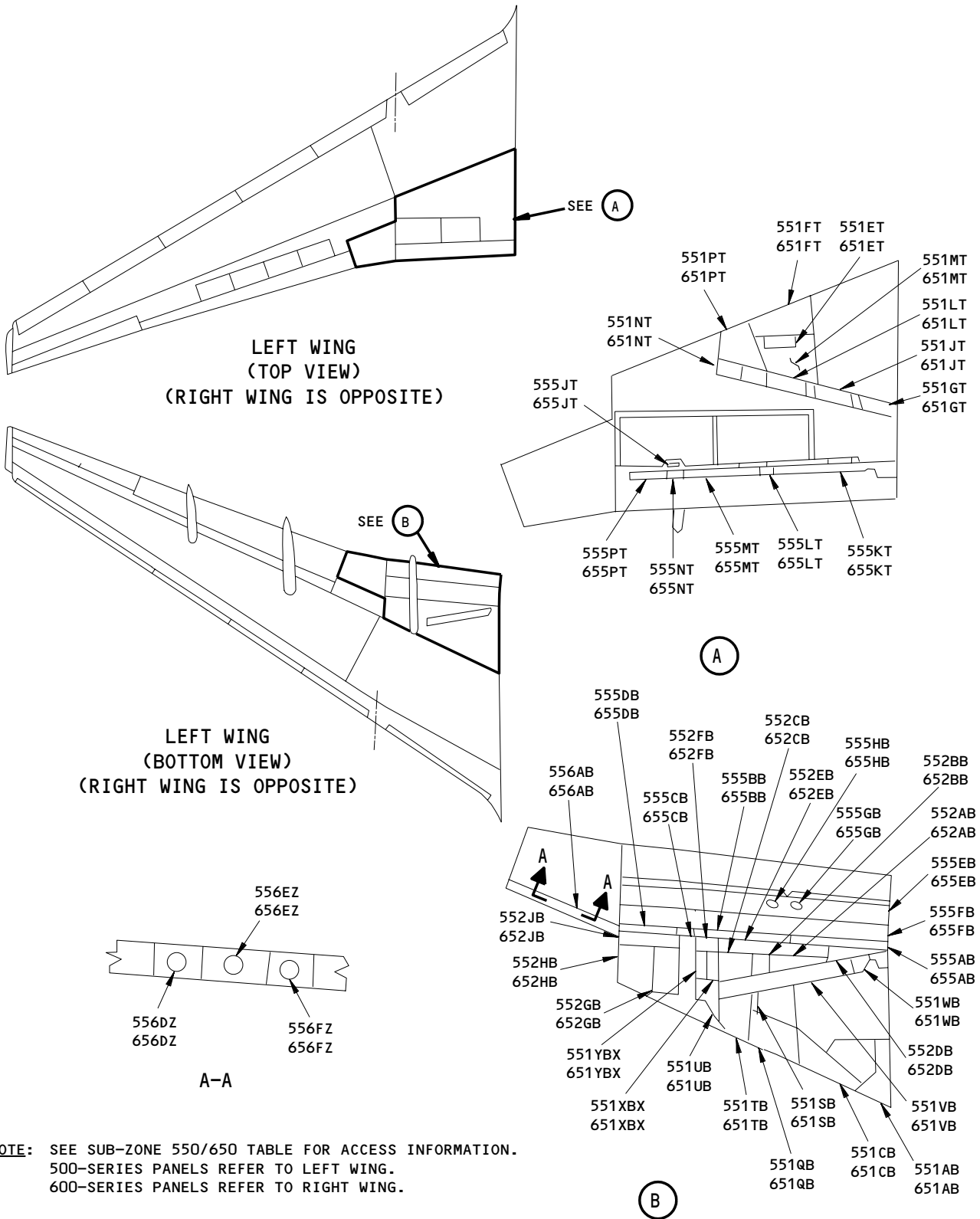
A

NOTE: SEE SUB-ZONE 540/640 TABLE FOR ACCESS INFORMATION. 500-SERIES PANEL NUMBERS REFER TO LEFT WING. 600-SERIES PANEL NUMBERS REFER TO RIGHT WING.

Sub-Zones 540 and 640 Access Doors and Panels
Figure 204

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NOTE: SEE SUB-ZONE 550/650 TABLE FOR ACCESS INFORMATION.
500-SERIES PANELS REFER TO LEFT WING.
600-SERIES PANELS REFER TO RIGHT WING.

Sub-Zones 550 and 650 Access Doors and Panels
Figure 205

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(2) Refer to the table that follows for equipment/components accessible through access door or panel:

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
511AB	611AB	LE Slat Power Drive Unit
511BB	611BB	LE Slat Power Drive Unit
511CB	611CB	LE Slat Power Drive Unit
511DB	611DB	Inboard Slat Mechanism - Lubrication
511EB	611EB	Inboard Slat Mechanism, Slat Actuator - Lubrication
511FB	611FB	Lower LE Structure, Slat Mechanism
511HB	611HB	Inboard Slat Mechanism - Lubrication
511JB	611JB	Lower LE Structure, Slat Mechanism
511KB	611KB	Lower LE Structure, Slat Mechanism (Pressure Relief Panel)
511MB	611MB	Inboard Slat Mechanism, Slat Actuator - Lubrication
511NB	611NB	Lower LE Structure, Slat Mechanism
511PT	611PT	LE Access - Upper and TAI Shutoff Valve
511QB	611QB	Lower LE Structure
511RB	611RB	Lower LE Structure
511ST	611ST	Upper LE Structure
512AB	612AB	Slat (Inner) No. 6 (LH) No. 7 (RH)
512BB	612BB	Slat (Inner) No. 6 (LH) No. 7 (RH)
512CB	612CB	Slat (Inner) No. 6 (LH) No. 7 (RH)
512DB	612DB	Slat (Inner) No. 6 (LH) No. 7 (RH)
512EB	612EB	Slat (Inner) No. 6 (LH) No. 7 (RH)
512FB	612FB	Slat (Inner) No. 6 (LH) No. 7 (RH)
512GB	612GB	Slat Internal Structure No. 6 (RH) No. 7 (LH)

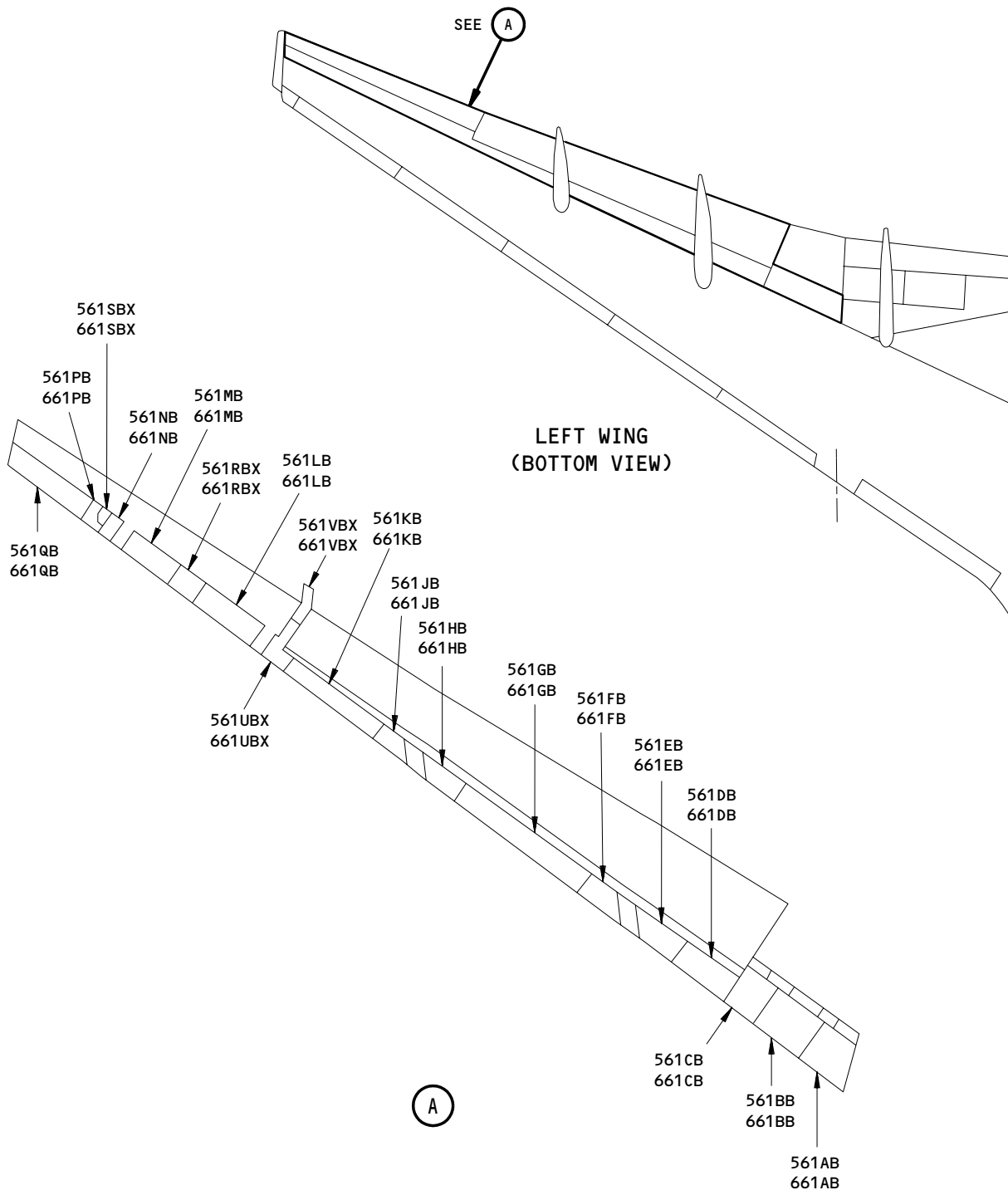
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NOTE: SEE SUB-ZONE 560/660 TABLE FOR ACCESS INFORMATION.
500-SERIES PANEL NUMBERS REFER TO LEFT WING.
600-SERIES PANEL NUMBERS REFER TO RIGHT WING.

Sub-Zones 560 and 660 Access Doors and Panels
Figure 206 (Sheet 1)

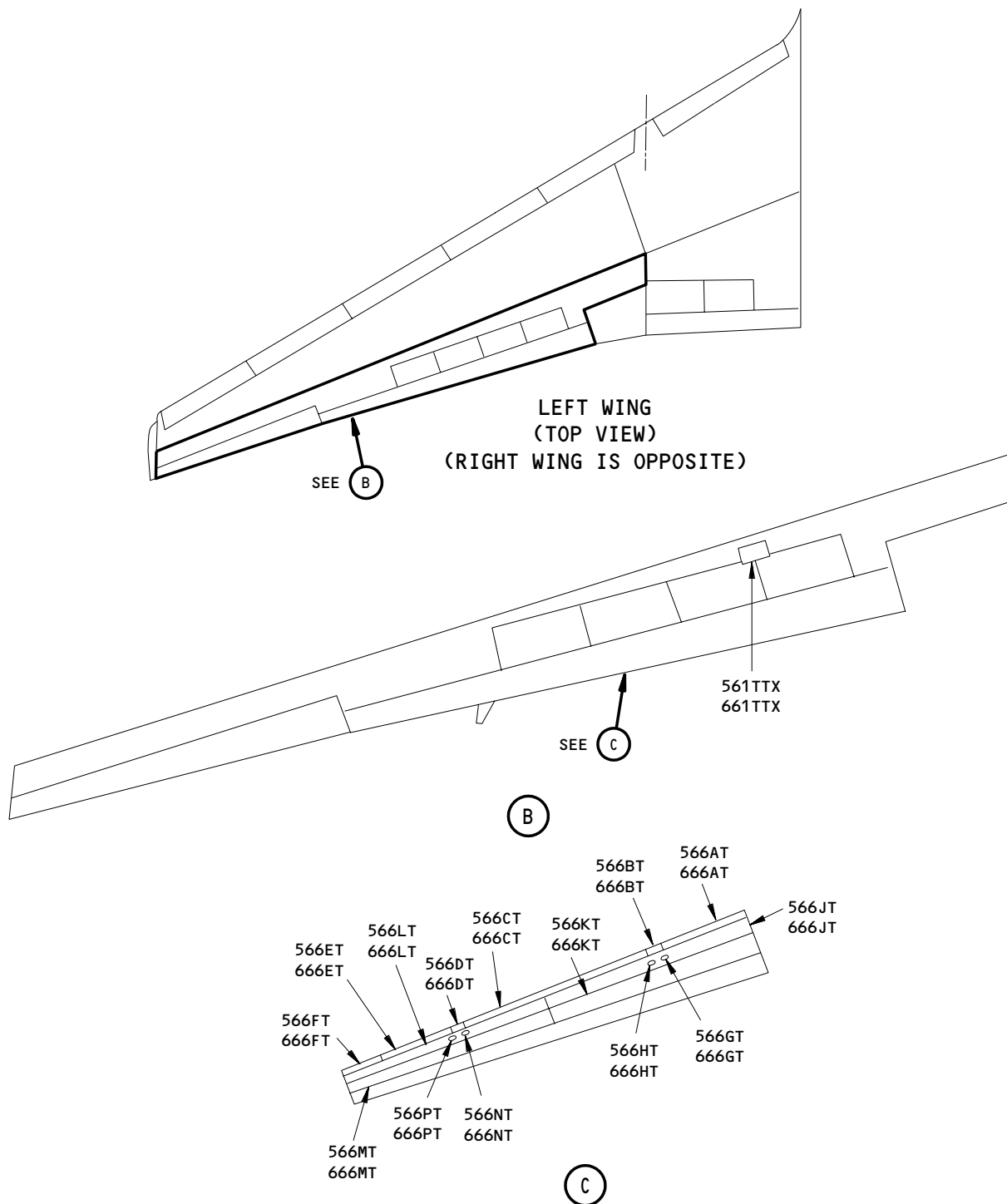
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NOTE: SEE SUB-ZONE 560/660 TABLE FOR ACCESS INFORMATION. 500-SERIES PANEL NUMBERS REFER TO LEFT WING. 600-SERIES PANEL NUMBERS REFER TO RIGHT WING.

Sub-Zones 560 and 660 Access Doors and Panels
Figure 206 (Sheet 2)

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3. Major Sub-Zone 520 and 620 Access Doors and Panels (Fig. 202)

A. General

(1) Refer to the tables that follow for equipment/components accessible through access door or panel:

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
521AB	621AB	Outboard Slat Mechanism
521BB	621BB	Outboard Slat Mechanism
521CB	621CB	Slat Actuator - Lubrication
521DB	621DB	Slat Mechanism - Lubrication
521EB	621EB	Outboard Slat Mechanism
521FB	621FB	Slat Actuator - Lubrication
521GB	621GB	Slat Mechanism - Lubrication
521HB	621HB	Outboard Slat Mechanism
521JB	621JB	Outboard Slat Mechanism
521KB	621KB	Slat Actuator - Lubrication
521LB	621LB	Slat Mechanism - Lubrication
521MB	621MB	Slat Actuator - Lubrication, Pressure Relief
521NB	621NB	Slat Mechanism - Lubrication, Pressure Relief
521PB		Outboard Slat Mechanism
521QB		Fueling Station
521RB		Outboard Slat Mechanism
	621SB	Structure, Outboard Slat Mechanism

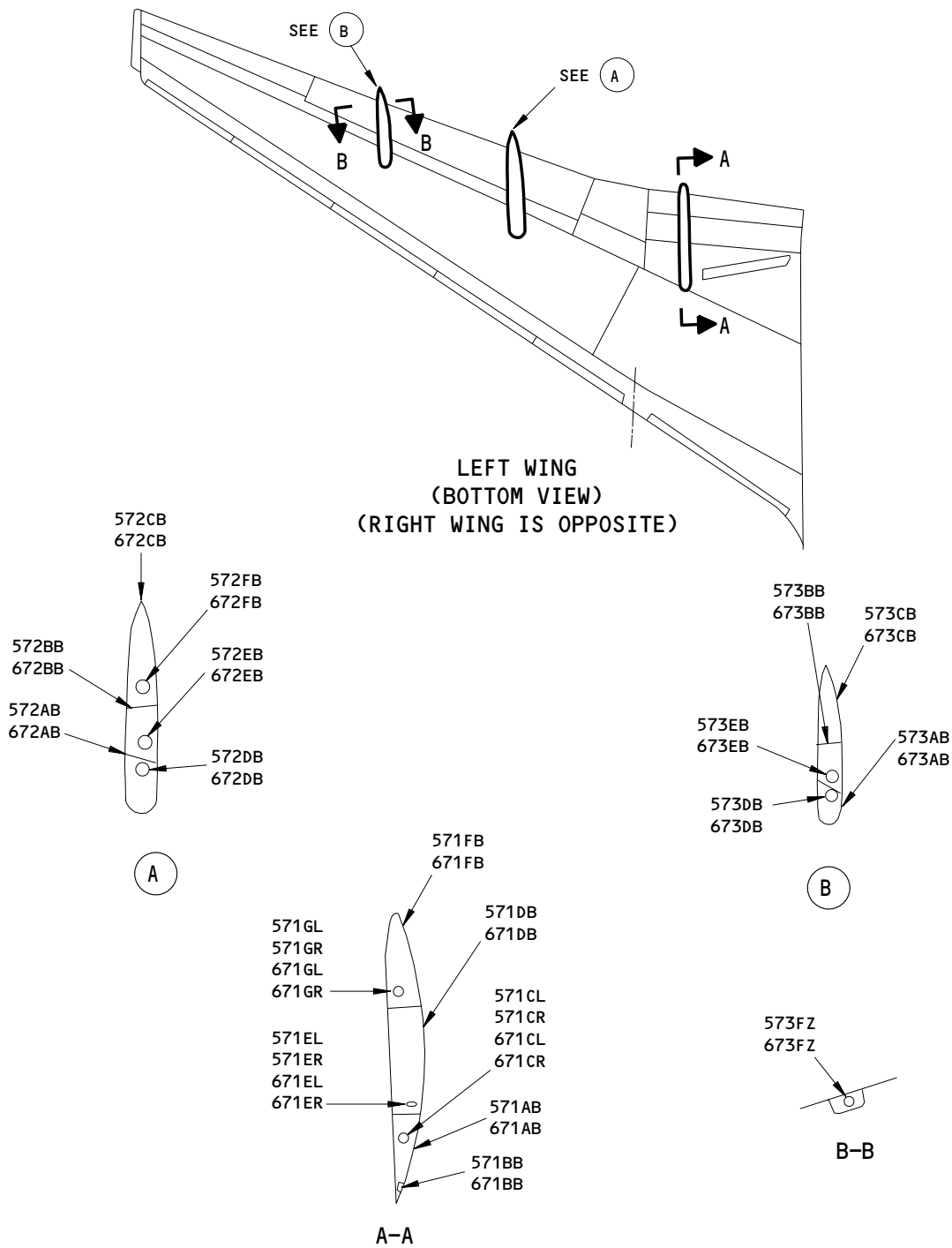
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NOTE: SEE SUB-ZONE 570/670 TABLE FOR ACCESS INFORMATION.
500-SERIES PANEL NUMBERS REFER TO LEFT WING.
600-SERIES PANEL NUMBERS REFER TO RIGHT WING.

Sub-Zones 570 and 670 Access Doors and Panels
Figure 207

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521TB	621TB	Structure
521UB	621UB	Slat Actuator - Lubrication
521VB	621VB	Slat Mechanism - Lubrication
521WB	621WB	Outboard Slat Mechanism - Lubrication
521XB	621XB	Slat Mechanism - Lubrication
521YB	621YB	Outboard Slat Mechanism
521ZB	621ZB	Outboard Slat Mechanism
521AAB	621AAB	Slat Actuator
521ABB	621ABB	L.E. Structure
521ACB	621ACB	L.E. Structure
521ADB	621ADB	Slat Actuator
521AEB	621AEB	Outboard Slat Mechanism
521AFB	621AFB	Outboard Slat Mechanism
521AGB	621AGB	Slat Actuator
521AHB	621AHB	Slat Mechanism - Lubrication
521AJB	621AJB	Slat Actuator - Lubrication
521AKB	621AKB	Slat Mechanism - Lubrication
521ALB	621ALB	Outboard Slat Mechanism
521AMB	621AMB	Outboard Slat Mechanism, Pressure Relief Panel
521ANB	621ANB	Outboard Slat Mechanism, Overpressure Switch TAI Overheat Switch (Pressure Relief Panel)

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DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
522AB	622AB	Slat (Inner) No. 5 (LH) No. 8 (RH)
522BB	622BB	Slat (Inner) No. 5 (LH) No. 8 (RH)
522CB	622CB	Slat (Inner) No. 5 (LH) No. 8 (RH)
522DT	622DT	L. E. Slat No. 5 (LH) No. 8 (RH)
523AT	623AT	L. E. Slat No. 4 (LH) No. 9 (RH)
523BB	623BB	Slat (Inner) No. 4 (LH) No. 9 (RH)
523CB	623CB	Slat (Inner) No. 4 (LH) No. 9 (RH)
523DB	623DB	Slat (Inner) No. 4 (LH) No. 9 (RH)
523EB	623EB	Slat (Inner) No. 4 (LH) No. 9 (RH)
523FT	623FT	L. E. Slat No. 4 (LH) No. 9 (RH)
524AT	624AT	L. E. Slat No. 3 (LH) No. 10 (RH)
524BB	624BB	Slat (Inner) No. 3 (LH) No. 10 (RH)
524CB	624CB	Slat (Inner) No. 3 (LH) No. 10 (RH)
524DB	624DB	Slat (Inner) No. 3 (LH) No. 10 (RH)
524EB	624EB	Slat (Inner) No. 3 (LH) No. 10 (RH)
524FT	624FT	L. E. Slat No. 3 (LH) No. 10 (RH)
525AT	625AT	L. E. Slat No. 2 (LH) No. 11 (RH)
525BB	625BB	Slat (Inner) No. 2 (LH) No. 11 (RH)
525CB	625CB	Slat (Inner) No. 2 (LH) No. 11 (RH)
525DB	625DB	Slat (Inner) No. 2 (LH) No. 11 (RH)
525EB	625EB	Slat (Inner) No. 2 (LH) No. 11 (RH)
525FT	625FT	L. E. Slat No. 2 (LH) No. 11 (RH)
526AT	626AT	L. E. Slat No. 1 (LH) No. 12 (RH)
526BB	626BB	Slat (Inner) No. 1 (LH) No. 12 (RH)
526CB	626CB	Slat (Inner) No. 1 (LH) No. 12 (RH)
526DB	626DB	Slat (Inner) No. 1 (LH) No. 12 (RH)
526EB	626EB	Slat (Inner) No. 1 (LH) No. 12 (RH)
526FT	626FT	L. E. Slat No. 1 (LH) No. 12 (RH)

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4. Major Sub-Zone 530 and 630 Access Doors and Panels (Fig. 203)

A. General

(1) Refer to the table that follows for equipment/components accessible through access door or panel:

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
531AB 531BB	631AB 631BB	Fuel Override/Jettison Pumps Fuel Tank - Center Auxiliary, Magnetic Measuring Stick
532AB 532AZ 532BB	632AB 632AZ 632BB	Fuel Boost Pump, Fuel Tank - Main Fuel Tank - Baffle
532DB 532EB 532FB 533AB	632DB 632EB 632FB 633AB	Fuel Tank - Main Fuel Tank - Main Fuel Tank - Main Dry Bay - Inboard

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5. Major Sub-Zone 540 and 640 Access Doors and Panels (Fig. 204)

A. General

(1) Refer to the table that follows for equipment/components accessible through access door or panel:

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
541AB	641AB	Main Fuel Tank
541BB	641BB	Main Fuel Tank and Magnetic Measuring Stick
541CB	641CB	Main Fuel Tank
541DB	641DB	Main Fuel Tank
541EB	641EB	Main Fuel Tank
541FB	641FB	Main Fuel Tank
541GB	641GB	Main Fuel Tank and Magnetic Measuring Stick
541HB	641HB	Main Fuel Tank
541JB	641JB	Main Fuel Tank
541KB	641KB	Main Fuel Tank
541LB	641LB	Main Fuel Tank and Magnetic Measuring Stick
541MB	641MB	Main Fuel Tank
541NB	641NB	Main Fuel Tank
541PB	641PB	Main Fuel Tank and Magnetic Measuring Stick
541QB	641QB	Main Fuel Tank
541RT	641RT	Overwing Fueling
541SB	641SB	Main Fuel Tank
541TB	641TB	Main Fuel Tank and Magnetic Measuring Stick
541UB	641UB	Main Fuel Tank
541VB	641VB	Main Fuel Tank and Magnetic Measuring Stick
541WB	641WB	Main Fuel Tank
541XB	641XB	Main Fuel Tank
542AB	642AB	Surge Tank
542BB	642BB	Surge Tank
542CB	642CB	Surge Tank
543AB	643AB	Outboard Dry Bay
543BB	643BB	Outboard Dry Bay
544AB	644AB	Forward Position Light
544BB	644BB	Aft Position Light

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6. Major Sub-Zone 550 and 650 Access Doors and Panels (Fig. 205)

A. General

(1) Refer to the tables that follow for equipment/components accessible through access door or panel:

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
551AB	651AB	Wing T. E. Structure
551CB	651CB	Wing T. E. Structure
551ET	651ET	Landing Gear Trunnion (Pop-Up Door)
551FT	651FT	Landing Gear
551GT	651GT	Landing Gear Support Beam
551JT	651JT	Landing Gear Support Beam
551LT	651LT	Landing Gear Support Beam
551MT	651MT	Landing Gear Trunnion
551NT	651NT	Landing Gear Support Beam
551PT	651PT	Lower Wing Structure
551QB	651QB	Lower Wing Structure
551SB	651SB	Lower Wing Structure
551TB	651TB	Lower Wing Structure
551UB	651UB	Lower Wing Structure
551VB	651VB	Landing Gear Support Beam
551WB	651WB	Landing Gear Support Beam
551XBX	651XBX	Lower Wing Structure
551YBX	651YBX	Lower Wing Structure
552AB	652AB	Landing Gear Support Beam
552BB	652BB	Landing Gear Support Beam
552CB	652CB	Landing Gear Support Beam
552DB	652DB	Landing Gear Support Beam/Spoiler Beam
552EB	652EB	Spoiler Beam, Flap Installation
552FB	652FB	Spoiler Beam, Flap Installation
552GB	652GB	Landing Gear Support Beam
552HB	652HB	Wing T. E. Structure
552JB	652JB	Spoiler Beam, Flap Installation
555AB	655AB	Main Flap Structure
555BB	655BB	Main Flap Structure
555CB	655CB	Main Flap Structure
555DB	655DB	Main Flap Structure
555EB	655EB	Main Spar Inspar Structure
555FB	655FB	Main Spar Inspar Structure
555GB	655GB	Area Aft of Main Flap Mid Spar Structure
555HB	655HB	Area Aft of Main Flap Mid Spar Structure
555JT	655JT	Area Aft of Main Flap Mid Spar Structure

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DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
(CONTINUED)		
555KT	655KT	Aft Flap L. E. Structure
555LT	655LT	Aft Flap L. E. Structure
555MT	655MT	Aft Flap L. E. Structure
555NT	655NT	Aft Flap L. E. Structure
555PT	655PT	Aft Flap L. E. Structure
556AB	656AB	Inboard Aileron L. E. Structure
556DZ	656DZ	Inboard Aileron - Area Aft of Front Spar
556EZ	656EZ	Inboard Aileron - Area Aft of Front Spar
556FZ	656FZ	Inboard Aileron - Area Aft of Front Spar

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7. Major Sub-Zone 560 and 660 Access Doors and Panels (Fig. 206)

A. General

(1) Refer to the tables that follow for equipment/components accessible through access door or panel:

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
561AB	661AB	Wing T.E Structure, Aileron Controls
561BB	661BB	Wing T.E. Inboard Aileron Actuators
561CB	661CB	Wing T.E. Structure, Aileron Controls
561DB	661DB	Wing T.E. Structure, Outboard Flap Installation
561EB	661EB	Wing T.E. Structure, Outboard Flap Installation
561FB	661FB	Wing T.E. Structure, Outboard Flap Installation
561GB	661GB	Wing T.E. Structure, Outboard Flap Installation
561HB	661HB	Wing T.E. Structure, Outboard Flap Installation
561JB	661JB	Wing T.E. Structure, Outboard Flap Installation
561KB	661KB	Wing T.E. Structure, Outboard Flap Installation
561LB	661LB	Wing T.E. Structure, Outboard Aileron Installation
561MB	661MB	Outboard Aileron Actuators
561NB	661NB	Wing T.E. Structure, Outboard Aileron Installation
561PB	661PB	Wing T.E. Structure, Outboard Aileron Installation
561QB	661QB	Wing T.E. Structure, Outboard Aileron Installation
561RBX	661RBX	Wing T.E. Structure, Outboard Aileron Lockout Mechanism
561SBX	661SBX	Fuel Vent Chambers
561TTX	661TTX	Flap Linkage
561UBX	661UBX	Fuel Jettison (if installed)
561VBX	661VBX	Fuel Jettison (if installed)
566AL	666AL	Outboard Flap - Main Flap Structure
566AT	666AT	L.E. Outboard Flap
566BT	666BT	L.E. Outboard Flap
566CT	666CT	L.E. Outboard Flap
566DT	666DT	L.E. Outboard Flap
566ET	666ET	L.E. Outboard Flap
566FT	666FT	L.E. Outboard Flap
566GT	666GT	L.E. Outboard Flap Structure - Area Aft of Front Spar
566HT	666HT	L.E. Outboard Flap Structure - Area Aft of Front Spar
566JT	666JT	L.E. Outboard Flap Structure - Inspar Area
566KT	666KT	L.E. Outboard Flap Structure - Inspar Area
566LT	666LT	L.E. Outboard Flap Structure - Inspar Area
566MT	666MT	L.E. Outboard Flap Structure - Inspar Area
566NT	666NT	L.E. Outboard Flap Structure - Area Aft of Front Spar
566PT	666PT	L.E. Outboard Flap Structure - Area Aft of Front Spar

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TASK 06-44-00-992-007

8. Major Sub-Zone 570 and 670 Access Doors and Panels (Fig. 207)

A. General

(1) Refer to the table that follows for equipment/components accessible through access door or panel:

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
571AB	671AB	Flap Mechanism - No. 3 (LH) and No. 6 (RH)
571BB	671BB	Flap Fairing Forward Attachment - No. 3 (LH) and No. 6 (RH)
571CL	671CL	Flap Fairing Forward Adjustment - No. 3 (LH) and No. 6 (RH)
571CR	671CR	Flap Fairing Forward Adjustment - No. 3 (LH) and No. 6 (RH)
571DB	671DB	Flap Mechanism - No. 3 (LH) and No. 6 (RH)
571EL	671EL	Flap Fairing Mid Adjustment, Flap Drive Actuator - No. 3 (LH) and No. 6 (RH)
571ER	671ER	Flap Fairing Mid Adjustment, Flap Drive Actuator - No. 3 (LH) and No. 6 (RH)
571FB	671FB	Flap Mechanism - No. 3 (LH) and No. 6 (RH)
571GL	671GL	Flap Aft Adjustment - No. 3 (LH) and No. 6 (RH)
571GR	671GR	Flap Aft Adjustment - No. 3 (LH) and No. 6 (RH)
572AB	672AB	Flap Mechanism - No. 2 (LH) and No. 7 (RH)
572BB	672BB	Flap Mechanism, Flap Drive Actuator - No. 2 (LH) and No. 7 (RH)
572CB	672CB	Flap Mechanism - No. 2 (LH) and No. 7 (RH)
572DB	672DB	Flap Adjustment - No. 2 (LH) and No. 7 (RH)
572EB	672EB	Flap Adjustment - No. 2 (LH) and No. 7 (RH)
572FB	672FB	Flap Adjustment - No. 2 (LH) and No. 7 (RH)
573AB	673AB	Flap Mechanism - No. 1 (LH) and No. 8 (RH)
573BB	673BB	Flap Mechanism, Flap Drive Actuator - No. 1 (LH) and No. 8 (RH)
573CB	673CB	Flap Mechanism - No. 1 (LH) and No. 8 (RH)
573DB	673DB	Flap Adjustment - No. 1 (LH) and No. 8 (RH)
573EB	673EB	Flap Adjustment - No. 1 (LH) and No. 8 (RH)
573FZ	673FZ	Flap Aft Internal Bulkhead - No. 1 (LH) and No. 8 (RH)

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LANDING GEAR AND GEAR DOORS (MAJOR ZONE 700) ACCESS DOORS AND PANELS—MAINTENANCE PRACTICES

1. General

- A. Major Zone 700 contains the landing gear and landing gear doors and includes the sub-zones that follow. The sub-zones are identified with two numbers followed by a zero.
 - (1) Sub-zone 710 Nose Landing Gear and Doors
 - (2) Sub-zone 730 Left Main Landing Gear and Doors
 - (3) Sub-zone 740 Right Main Landing Gear and Doors
- B. Each sub-zone is divided into zones that are identified with the first two numbers of the sub-zone followed by a number that is not zero. See the table below.

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2. Landing Gear and Gear Door Access Doors and Panels (Fig. 201)

- A. General
 - (1) For the locations of access doors and panels, see Fig. 201.
 - (2) For equipment and components that you can get access to through the access doors and panels, see Table I below:
 - (3) The top collector drawing number for the Landing Gear and Gear Doors access doors and panels is:

414T4301

TABLE I

DOOR OR PANEL IDENTIFICATION NUMBER (REF FIG. 201)		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT SIDE	RIGHT SIDE	
713	714	Nose Gear and Wheel Well Components
715	716	Nose Gear and Wheel Well Components
732	742	Main Gear and Wheel Well Components
733	743	Main Gear and Wheel Well Components
734	744	Main Gear and Wing/Gear Cavity Components
735	745	Main Gear and Wing/Gear Cavity Components

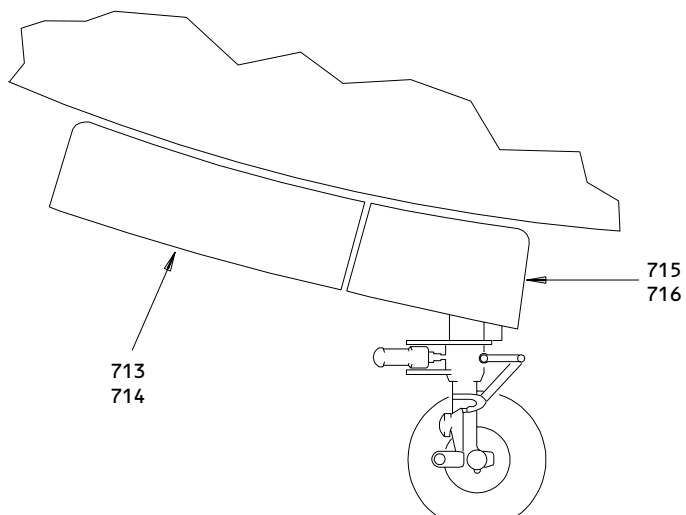
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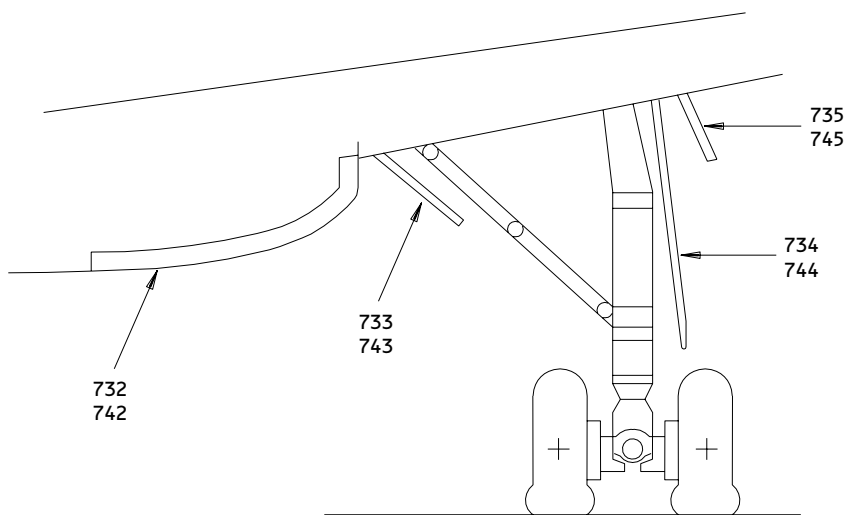
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NOSE LANDING GEAR



MAIN LANDING GEAR

Landing Gear and Landing Gear Doors (Major Zone 700)
Access Doors and Panels
Figure 201

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PASSENGER AND CARGO COMPARTMENT DOORS (MAJOR ZONE 800)
ACCESS DOORS AND PANELS – MAINTENANCE PRACTICES

1. General

- A. Major zone 800 contains the passenger and cargo compartment doors. The subzones are identified with two numbers followed by a zero.
 - (1) Subzone 810 Lower Half of Fuselage (Left)
 - (2) Subzone 820 Lower Half of Fuselage (Right)
 - (3) Subzone 830 Upper Half of Fuselage (Left)
 - (4) Subzone 840 Upper Half of Fuselage (Right)
- B. Each subzone is divided into zones that are identified with the first two numbers of the subzone followed by a number that is not zero. See the table.
- C. Access doors and panels in a zone are identified by the zone number and a two- or three- letter suffix. This alpha-numeric label is different for each access door or panel.

TASK 06-46-00-992-001

2. Passenger and Cargo Compartment Doors Access Doors and Panels

A. General

- (1) The top collector drawing number for the passenger and cargo compartment doors access doors and panels is:

414T4301
- (2) For the locations of the access doors and panels, see Fig. 201 and 202.
- (3) For equipment and components that you can get access to through the access doors and panels, see the tables that follow:

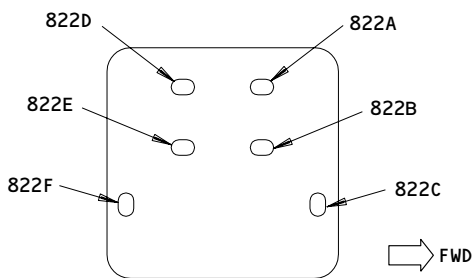
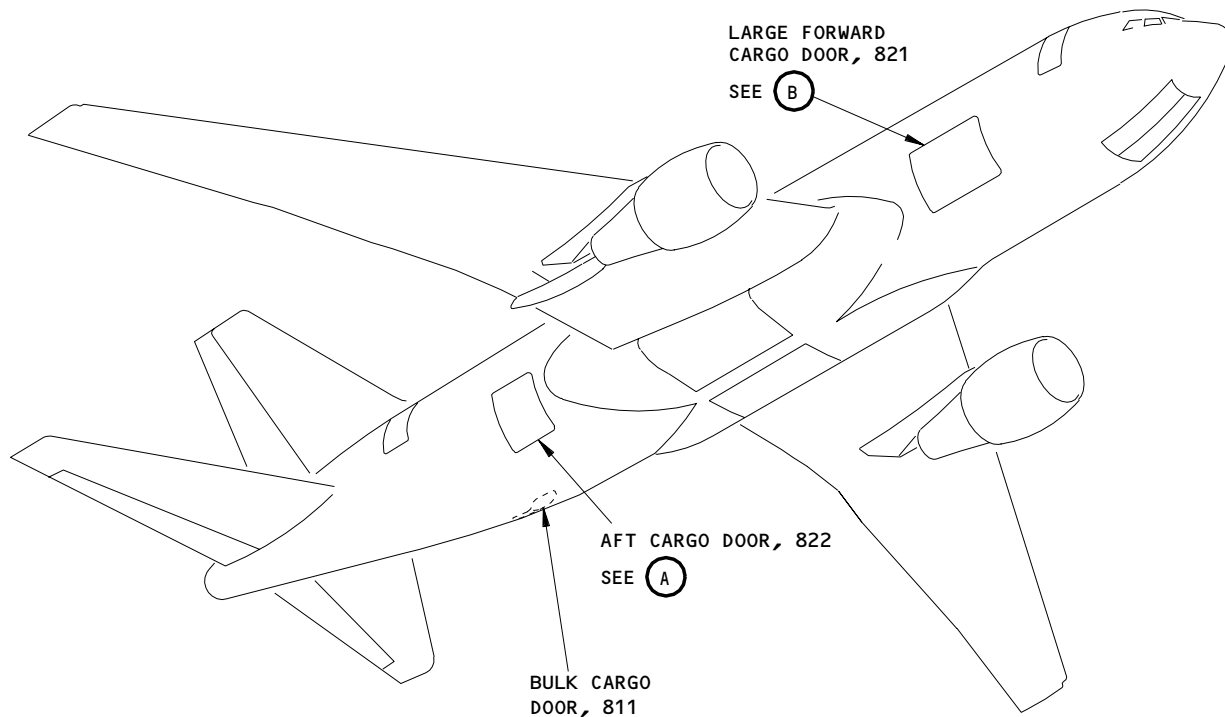
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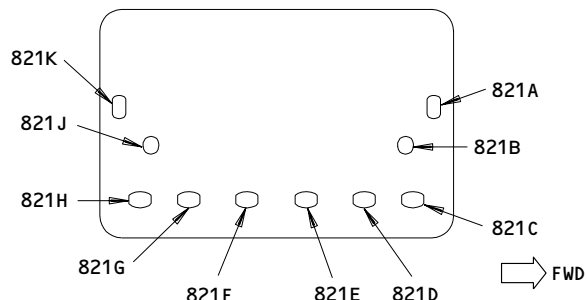
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AFT CARGO DOOR
(70 INCHES X 69 INCHES)

(A)



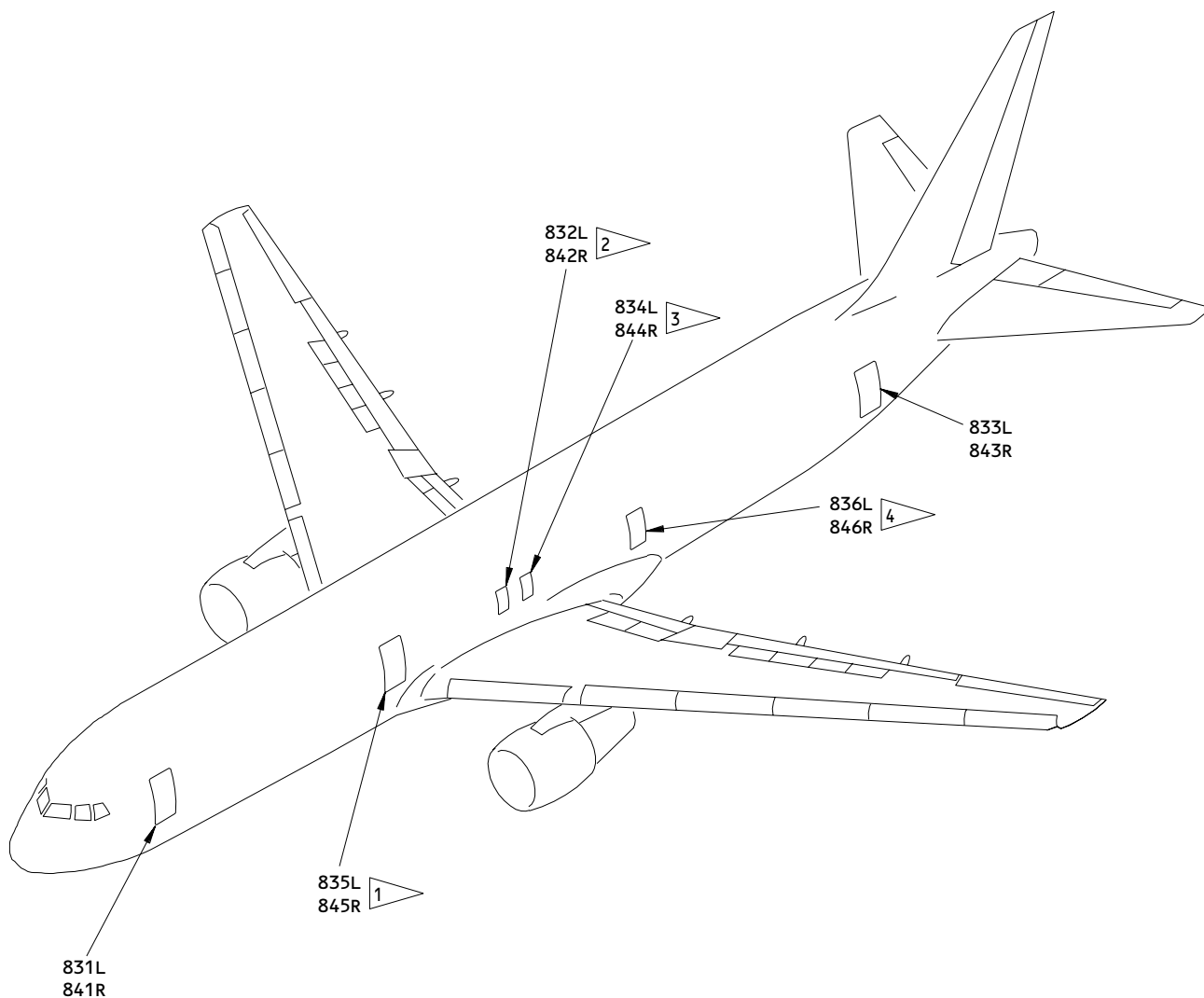
LARGE FORWARD CARGO DOOR
(69 INCHES X 134 INCHES)

(B)

Cargo Compartment Doors
Figure 201

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- 1 AIRPLANES WITH MID ENTRY/SERVICE DOORS
- 2 AIRPLANES WITH FORWARD OVERWING EMERGENCY EXIT HATCH
- 3 AIRPLANES WITH AFT OVERWING EMERGENCY EXIT HATCH
- 4 AIRPLANES WITH EMERGENCY EXIT DOOR

Entry/Service Doors and Emergency Exits
Figure 202

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DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
811		Bulk Cargo Compartment Smoke Detection System, Including: <ul style="list-style-type: none"> - Blowers - Smoke Detectors - Sampling Tube - Plenum Bulk Cargo Vent Fan Tubing/Ducting Installation, Including: <ul style="list-style-type: none"> - Fire Extinguisher Distribution Tubing/Nozzles - Hydraulic - Pitot Static - Vacuum Waste - Lavatory - APU Fuel Line - APU HP Air Supply Manifold Duct Leak Detect Sensor Control Cables

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DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
	821	Forward Cargo Compartment Containerized Cargo Handling System Equipment Cooling System, Including: - Ground Supply Valve - Muffler - Heat Exchanger Bypass Valve - Inboard Supply Valve - Inboard Exhaust Valve - Smoke Clearance Valve - Check Valves - Fans - Ducting Cabin Pressure Relief Valves Fire Extinguisher (Propulsion and Cargo) System Smoke Detector Installation Control Cables Mid Equipment Center
	821A	Fwd Cargo Door Mechanism
	821B	Fwd Cargo Door Mechanism
	821C	Fwd Cargo Door Mechanism
	821D	Fwd Cargo Door Mechanism
	821E	Fwd Cargo Door Mechanism
	821F	Fwd Cargo Door Mechanism
	821G	Fwd Cargo Door Mechanism
	821H	Fwd Cargo Door Mechanism
	821J	Fwd Cargo Door Mechanism
	821K	Fwd Cargo Door Mechanism

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DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
	822	Aft Cargo Compartment Containerized Cargo Handling System and Control Panels Aft Cargo Door Installation, Including: - Manual Drive System - Hinge Mechanism (Hinge Power Unit, Rotary Actuators) - Proximity Sensors (Warnings and Control Sequencing) Aft Equipment Center (E6-1), Including: - APU Battery - APU Battery Charger - AUX Power Control Unit - Air Exhaust Duct Installation Slide Ground Illumination Lights Aft/Bulk Cargo Heat Duct Installation, Including: - Heat Flow Control Valves - Heat Shutoff Valves APU Air Supply Duct Installation Duct Leak Detect Sensor Installation
	822A	Aft Cargo Door Mechanism
	822B	Aft Cargo Door Mechanism
	822C	Aft Cargo Door Mechanism
	822D	Aft Cargo Door Mechanism
	822E	Aft Cargo Door Mechanism
	822F	Aft Cargo Door Mechanism

(4) For identification of upper fuselage doors and panels, see the table that follows:

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DOOR OR PANEL IDENTIFICATION NUMBER		UPPER FUSELAGE DOORS AND PANELS
LEFT	RIGHT	
831	841	Forward Entry Door
832	842	Overwing Emergency Exit Hatch (Forward) *[1]
833		Aft Entry Door
	843	Aft Service Door
834	844	Overwing Emergency Exit Hatch (Aft) *[1]
835		Mid Entry Door *[1]
	845	Mid Service Door *[1]
836	846	Emergency Exit Door *[1]

*[1] NOT ON ALL AIRPLANES

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