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CHAPTER 06 – DIMENSIONS AND AREAS

TABLE OF CONTENTS

CHAPTER 06 - DIMENSIONS AND AREAS

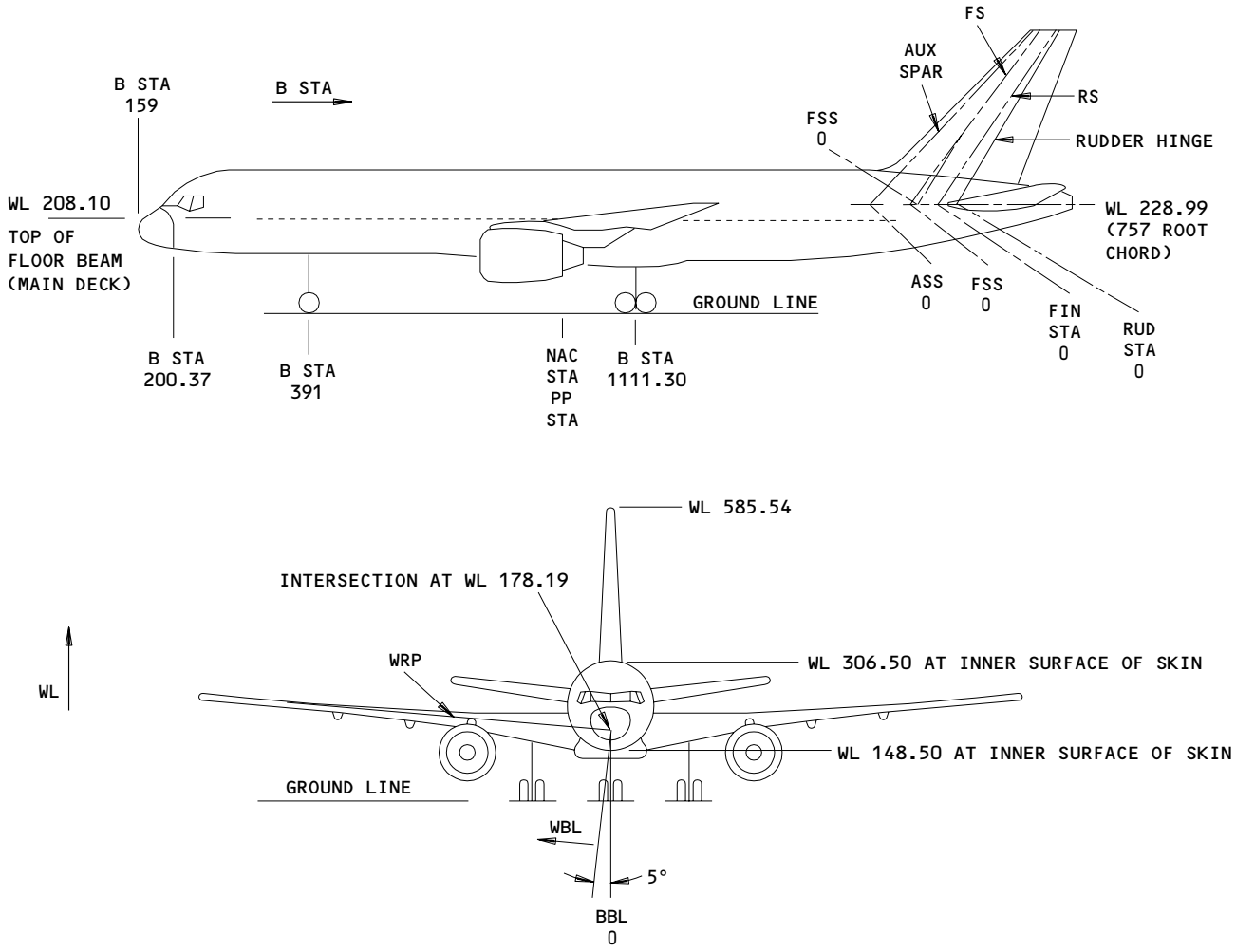
TABLE OF CONTENTS

# DIMENSIONS AND AREAS - DESCRIPTION AND OPERATION

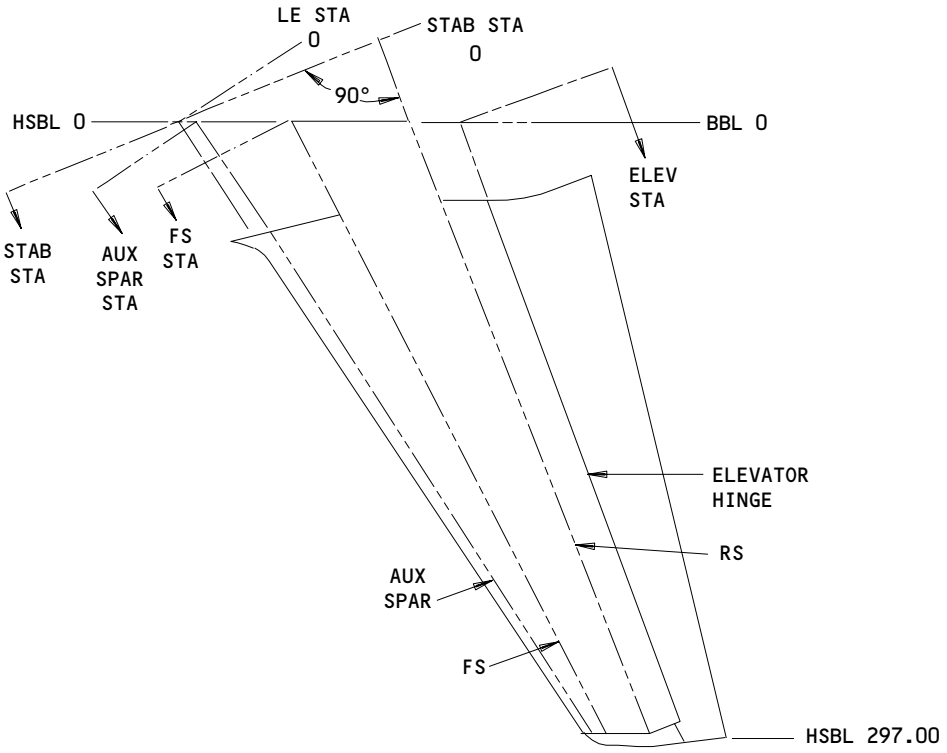
1. General
   A. This chapter contains the principle dimensions for the wing, ailerons, flaps, horizontal stabilizer, vertical stabilizer, and body. It shows some of the stations of the body, wing, vertical tail surfaces, engine nacelle. It also shows the location of the access doors and panels.
2. Reference Planes and Lines (Fig. 1)
   A. General
      (1) The airplane is divided into reference planes (stations), waterlines and buttock lines. These are measured in inches from fixed points of reference. This provides a means of quickly identifying the location of components, the center of gravity and the distribution of the weight.
   B. Standard Abbreviations and Definitions
      (1) Fuselage

| | |
|---|---|
| B STA,BS, or STA | Body (Fuselage) Station. This is a plane perpendicular to the fuselage centerline, It is located 159.00 inches forward of the nose. |
| BBL or BL | Body (Fuselage) Buttock Line. This is a vertical plane parallel to the fuselage vertical centerline plane, BBL 0.00. located by its distance outboard from the fuselage centerline plane. |
| BRP | Body (Fuselage) Reference Plane. This is a plane perpendicular to the BBL plane and passes through the top of the main deck floor beams (BWL 208.10). |
| BWL or WL | Body (Fuselage) Waterline. This is a plane perpendicular to the BBL plane. It is located by its distance from a parallel imaginary plane (BWL 0.00). BWL 0.00 is 133.00 inches below the lowest fuselage surface. |
| LBL | Left Buttock Line |
| RBL | Right Buttock Line |

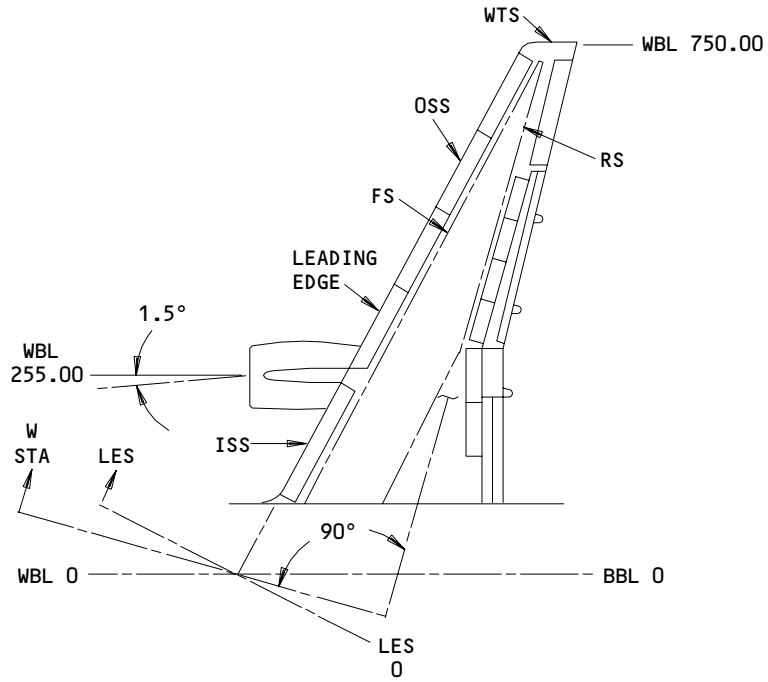
      (2) Wing




Reference Planes and Lines
Figure 1 (Sheet 1)




PLAN VIEW OF HORIZONTAL STABILIZER




PLAN VIEW OF WING

Reference Planes and Lines
Figure 1 (Sheet 2)

| | |
|---|---|
| FS | The principal spanwise transverse member of the wing structure, It is perpendicular to the wing reference plane. |
| ISS | Inboard Slat Stations. These are planes perpendicular to inboard leading edge slats. They are measured from the intersection of the slat rotation axis and a plane perpendicular to the wing reference plane. |
| LES | Leading Edge Station. These are planes perpendicular to the wing reference plane and the leading edge. They are measured from the intersection of the leading edge extension and the wing buttock line 0.00. |
| MAC | Mean Aerodynamic Chord. This is the chord of a section of an imaginary airfoil which would have vectors throughout the flight range identical to those of the actual wing. |
| OSS | Outboard Slat Stations. These are planes perpendicular to the outboard leading edge slats, They are measured from the intersection of the slat rotation axis and a plane perpendicular to the wing reference plane. |
| RS | See definition for FS. |
| W STA or WS | Wing Station. These are planes perpendicular to the wing reference plane and the plane of the outboard rear spar. They are measured from the intersection of the extended leading edge and wing buttock line 0.00. |
| WBL | Wing Buttock Line. This is a plane perpendicular to the wing reference plane and parallel to the trace of the fuselage centerline. It is measured from intersection of wing reference plane and body buttock line 0.00. |
| WRP | Wing Reference Plane. This is the datum plane of the wing. It is inclined up 5 degrees with respect to the BWL plane and passes through the intersection of the BBL 0.00 and BWL 178.187909. |

| | |
|---|---|
| WTS | Wing Tip Station. This is a plane perpendicular to the wing reference plane and wing buttock line 0.00. It is measured from the intersection of the leading edge and wing buttock line 0.00. |

(3) Vertical Stabilizer

| | |
|---|---|
| ASS | Auxiliary Spar Station. This is a plane perpendicular to the vertical stabilizer auxiliary spar. It is measured from the Auxiliary Spar Station 0.00, intersection of the auxiliary spar centerline extension and body waterline 228.99 (757 ROOT CHORD). |
| FIN STA | Fin Station. This is a plane perpendicular to the centerline of the vertical stabilizer rear spar. It is measured from Fin Station 0.00, intersection of rear spar centerline extension and body waterline 228.99 (757 ROOT CHORD). |
| FSS | Front Spar Station. This is a plane perpendicular to the vertical stabilizer front spar. It is measured from the fin front spar station 0.00, intersection waterline 228.99 (757 ROOT CHORD). |
| LES | Leading Edge Station. These are planes perpendicular to the vertical stabilizer leading edge. They are measured from the leading Edge Station 0.00, intersection of the leading edge line extension and body waterline 228.99 (757 ROOT CHORD). |
| LFFS | Lower Front Spar Station. These are planes perpendicular to the vertical stabilizer lower front spar. They are measured from the Lower Front Spar Station 0.00, intersection of the lower front spar centerline extension and body waterline 228.99 (757 ROOT CHORD). |
| RUD STA | Rudder Station. These are planes perpendicular to the rudder hinge centerline. They are measured from Rudder Station 0.00, intersection of rudder hinge centerline and body waterline 228.99 (757 ROOT CHORD). |

(4) Horizontal Stabilizer

| | |
|---|---|
| AUX SPAR STA | Auxiliary Spar Station. These are planes perpendicular to the horizontal stabilizer auxiliary spar. They are measured from Auxiliary Spar Station 0.00, intersection of auxiliary spar extension and stabilizer buttock line 0.00. |
| ELEV STA | Elevator Station. These are planes perpendicular to the elevator hinge centerline. They are measured from the intersection of elevator hinge centerline and stabilizer buttock line 0.00. |
| FS STA | Front Spar Station. These are planes perpendicular to the horizontal stabilizer front spar. They are measured from Front Spar Station 0.00, intersection of front spar and trace of body buttock line 0.00 at horizontal stabilizer reference plane. |
| HSBL | Stabilizer Buttock Line. This is a plane perpendicular to the horizontal stabilizer reference plane and parallel to the trace of the fuselage centerline. It is measured from stabilizer buttock line 0.00, intersection of horizontal stabilizer reference plane and body buttock line 0.00. |
| HSRP | Horizontal Stabilizer Reference Plane. This is the datum plane of the horizontal stabilizer. It is inclined 7° up with respect to the BWL plane and passes through the intersection of the BBL 0.00 and BWL 238.015 planes. |
| LE STA | Leading Edge Station. This is a plane perpendicular to the horizontal stabilizer leading edge. It is measured from Stabilizer Leading Edge Station 0.00, intersection of leading edge line extension and stabilizer buttock line 0.00. |
| RS STA | Rear Spar Station. This is a plane perpendicular to the horizontal stabilizer rear spar. It is measured from Rear Spar Station 0.00, intersection of rear spar and trace of body buttock line 0.00 at horizontal stabilizer reference plane. |

| | | |
|---|---|---|
| | STAB STA | Stabilizer Station. This is a plane perpendicular 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. |
| (5) | Power Plant | |
| | PPBL | Power Plant Buttock Line. This is a plane perpendicular to the wing reference plane. It is measured from a parallel plane (PPBL 0.00) that intersects the WBL 255.0 plane at the wing leading edge and angles 1.5 degrees inboard just forward of the wing leading edge. |
| | PPWL | Power Plant Waterline. This is a plane perpendicular to the PPBL datum plane and inclined 2.4072 degrees upward from the wing reference plane. The PP WL 100.00 (centerline of engine) is measured 61.70 inches down from the wing leading edge at WBL 255.00. |
| | PPS or PPSTA | Power Plant Station. This is a plane perpendicular to the engine centerline. The zero position is located 72.30 inches forward of the forward edge of the fan cowl panel. |

## DIMENSIONS AND AREAS - MAINTENANCE PRACTICES

1. General
   A. This procedure has two tasks. The first task gives the primary airplane dimensions. The second task gives the major zones on the airplane.

TASK 06-00-00-222-001

2. Primary Airplane Dimensions (Fig. 201)
   A. Procedure

S 222-006

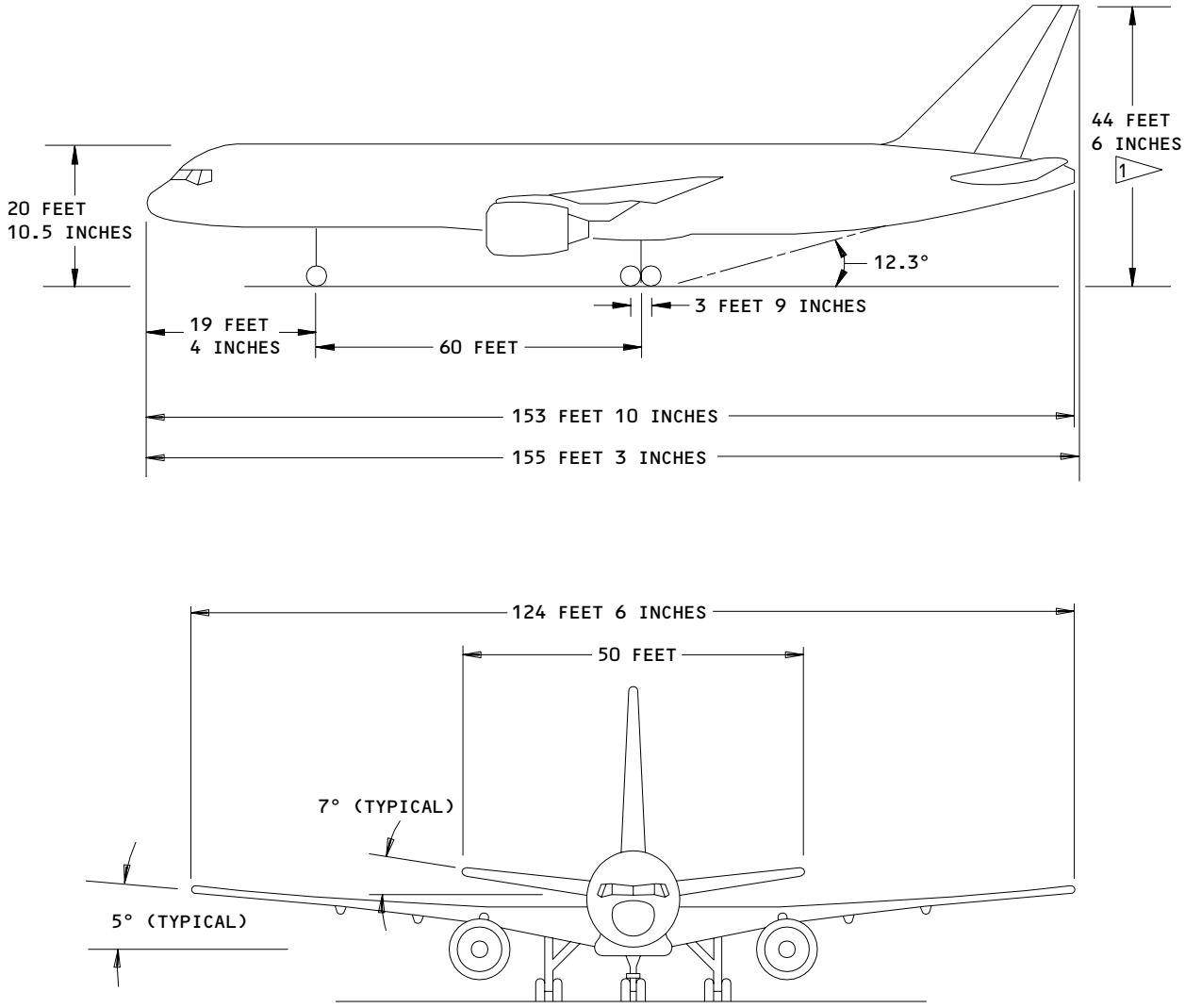
(1) Refer to Fig. 201 for the primary dimensions of the airplane.

TASK 06-00-00-212-004

3. Zone System (Fig. 202)
   A. Procedure

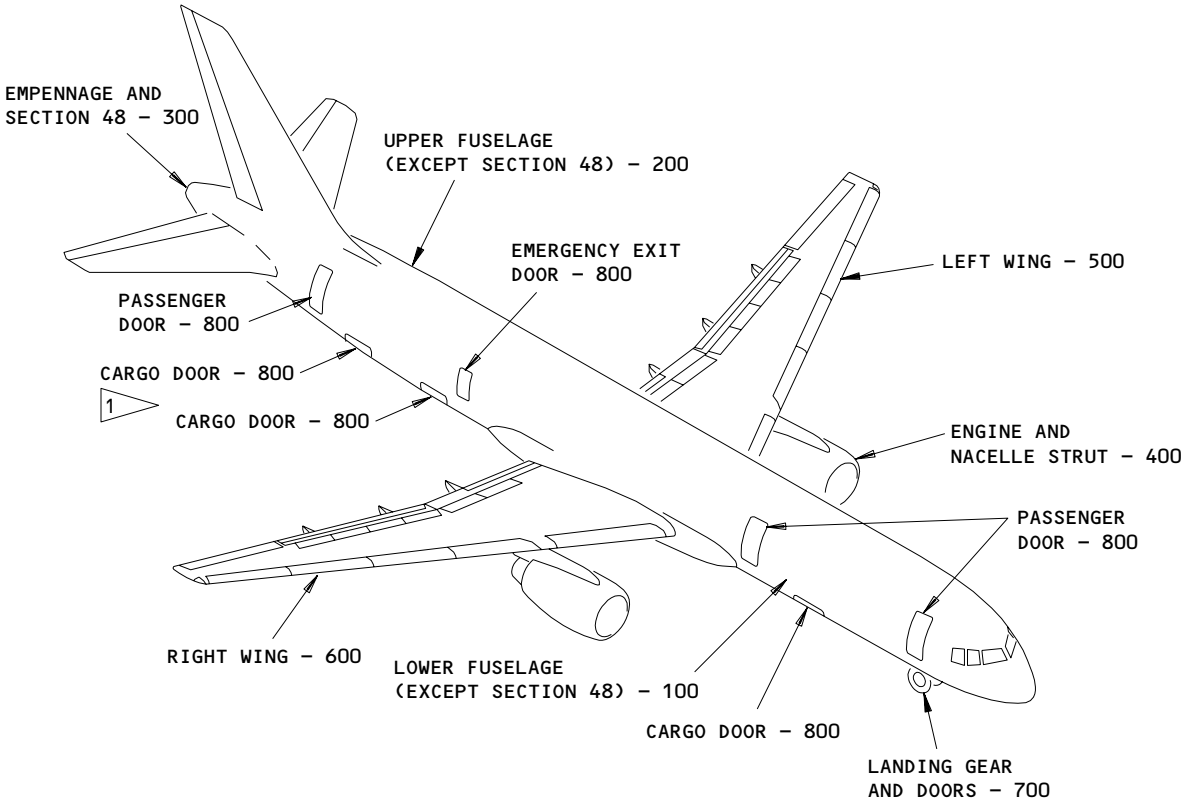
S 212-005

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




1 DIMENSION VARIES WITH C.G. LOCATION AND LOADING

Airplane Dimensions
Figure 201




1 NOT ON ALL AIRPLANES

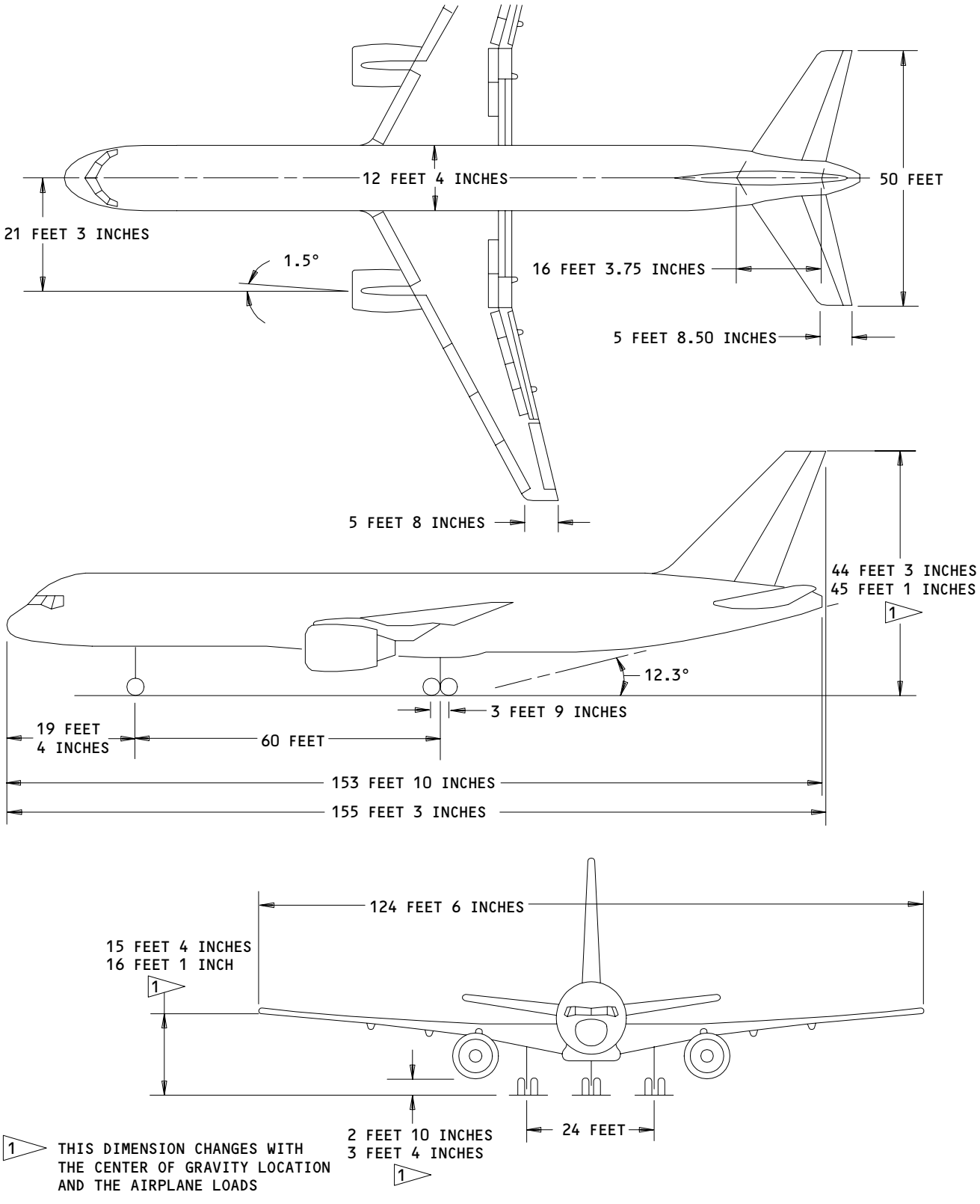
Airplane Zoning System
Figure 202

AIRPLANE DIMENSIONS AND AREAS - MAINTENANCE PRACTICES

1. General
   A. Dimensions are included for the wing, ailerons, flaps, horizontal stabilizer surfaces, vertical stabilizer surfaces and body. Areas are included for the wing and stabilizer surfaces.

TASK 06-10-00-222-003

2. Airplane Dimensions and Areas (Fig. 201)
   A. General
      (1) Dimensions
         (a) Overall Airplane
            Length -- 155 feet-3 inches
            Width -- 124 feet-6 inches
            Height (vertical stabilizer tip, top of the fairing to the ground) -- 44 feet-6 inches
         (b) Wing:
            Root Chord (calculated, at body centerline) -- 360.85 inches
            Basic Chord (calculated) -- 286.50 inches
            Tip Chord (calculated) -- 68.00 inches
            Planform Taper Ratio
               Tip Chord/Basic Chord -- 0.237
               Tip Chord/Root Chord -- 0.188
            Dihedral (wing reference plane in relation to the body reference plane) -- 5 degrees
            Sweepback (25 percent chord line) -- 25 degrees
            Aspect Ratio -- 7.95
            Mean Aerodynamic Chord (basic wing only) -- 199.70 inches
         (c) Horizontal Stabilizer
            Span -- 600 inches
            Taper Ratio -- 0.347
            Sweepback (25 percent chord line) -- 30.186 degrees
            Dihedral (horizontal stabilizer reference plane in relation to body reference plane) -- 7 degrees
            Aspect Ratio -- 4.496
         (d) Vertical Stabilizer
            Height -- 293.374 inches
            Taper Ratio -- 0.346
            Sweepback (25 percent chord line) -- 40 degrees
            Aspect Ratio -- 1.615




Airplane Dimensions
Figure 201

(e) Fuselage:
Height of body reference plane (top of floor beam WL 208.10) above ground at main gear -- 152.10 inches
Height (constant cross section)
Above body reference plane -- 98.4 inches
Below body reference plane -- 75.10 inches
Height to centerline of windows above body reference plane -- 38 inches
Length -- 1846 inches

(2) Areas
(a) Wing (basic) -- 1951 square feet
(b) Horizontal Stabilizer Surfaces (total, includes the area within fuselage) -- 545 square feet
(c) Vertical Stabilizer Surfaces (total) -- 370 square feet

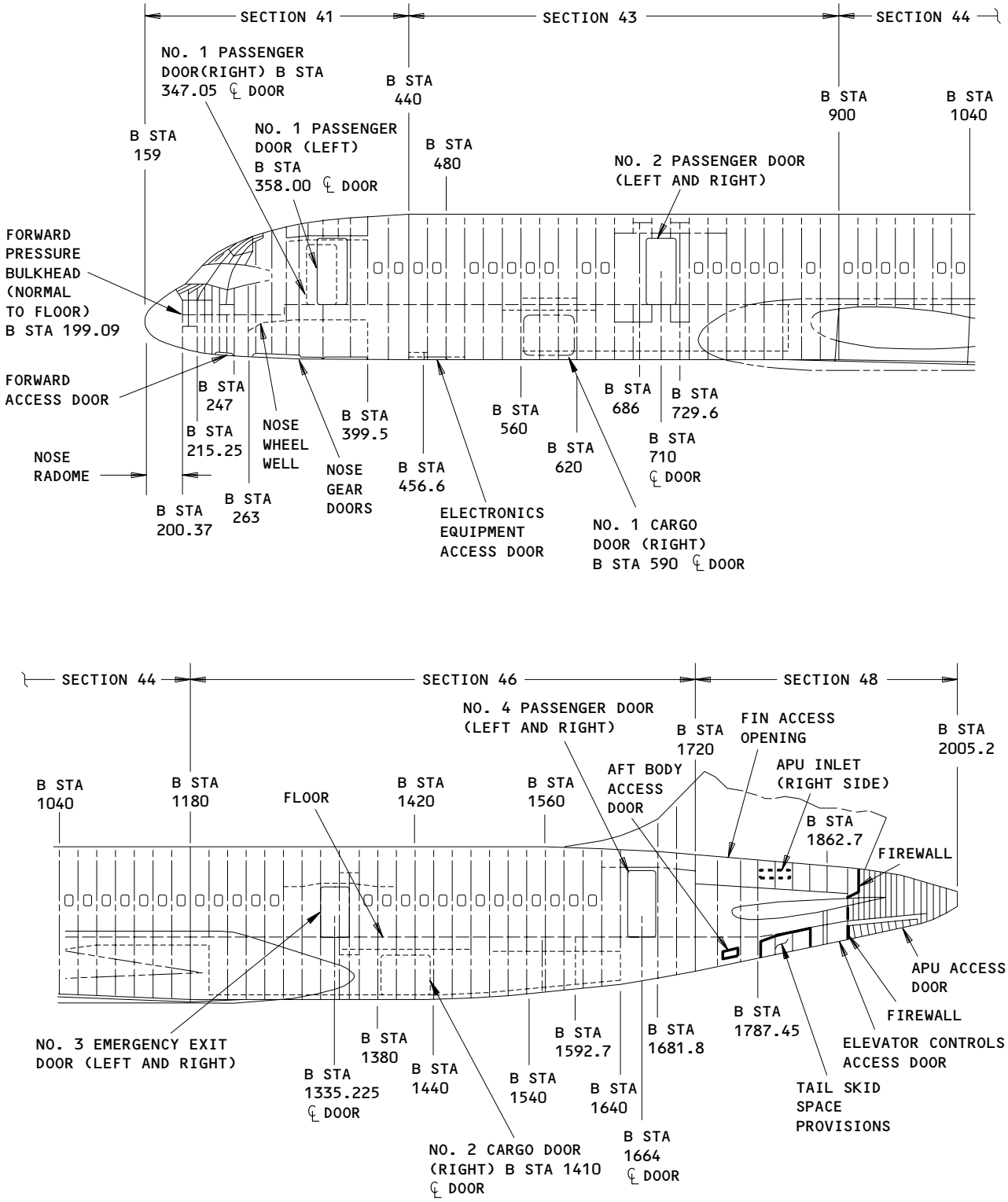
# BODY STATION DIAGRAM - MAINTENANCE PRACTICES

1. General
   A. The body station diagram gives the location of the major structural openings in the fuselage (Fig. 201).
   B. For detail data and location of structural components related with these openings, refer to the Structural Repair Manual.

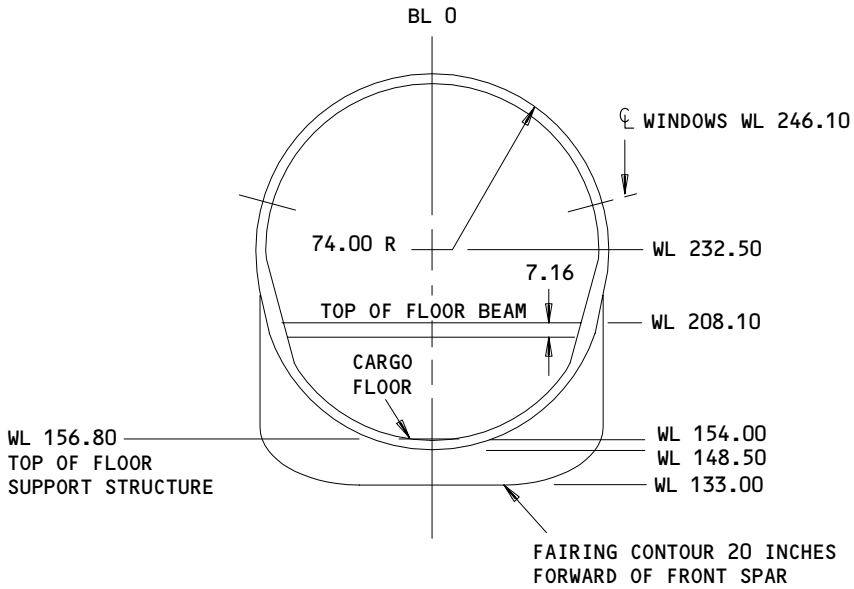
TASK 06-21-00-222-001

2. Refer To Body Station Diagram (Fig. 201)

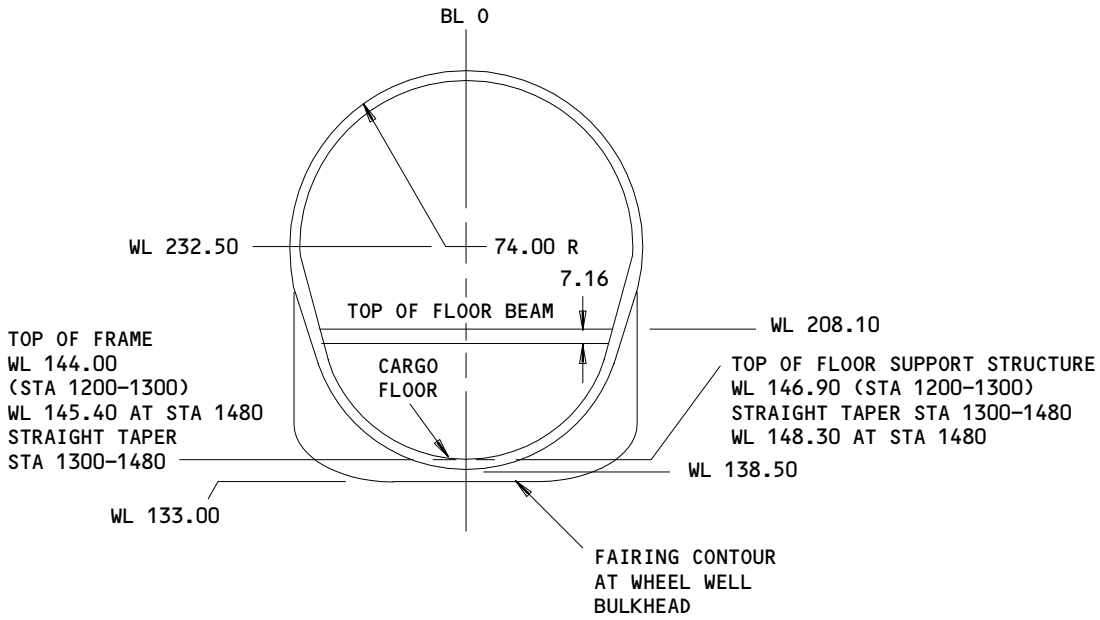
   A. General
      (1) The body station diagram gives the location of the major structural openings in the fuselage (Fig. 201).
      (2) For detail data and location of structural components related with these openings, refer to the Structural Repair Manual.




Body Station Diagram
Figure 201 (Sheet 1)




REAR VIEW (B STA 879)




REAR VIEW (B STA 1190)

Body Station Diagram
Figure 201 (Sheet 2)

## VERTICAL STABILIZER AND RUDDER STATION DIAGRAM - MAINTENANCE PRACTICES

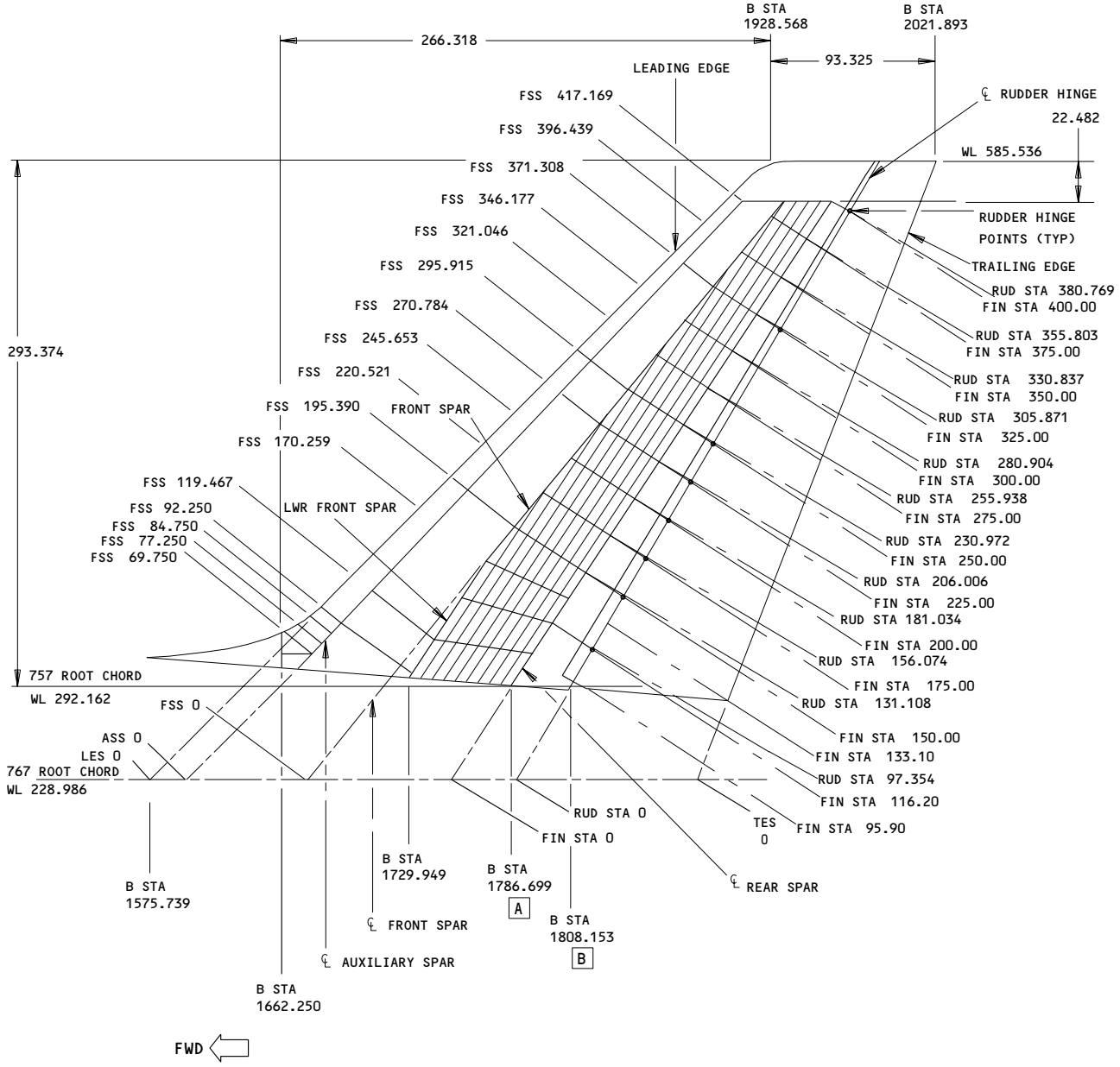
1. General
   A. The vertical stabilizer and rudder station diagram gives the location of the structural components on the vertical stabilizer and rudder.

TASK 06-22-00-202-001

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

S 222-002

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




LEFT SIDE VIEW

NOTES:

A INTERSECTION OF ROOT CHORD AND REAR SPAR CENTERLINE

B INTERSECTION OF ROOT CHORD AND RUDDER HINGE LINE

Vertical Stabilizer Station Diagram
Figure 201

HORIZONTAL STABILIZER AND ELEVATOR STATION DIAGRAM - MAINTENANCE PRACTICES

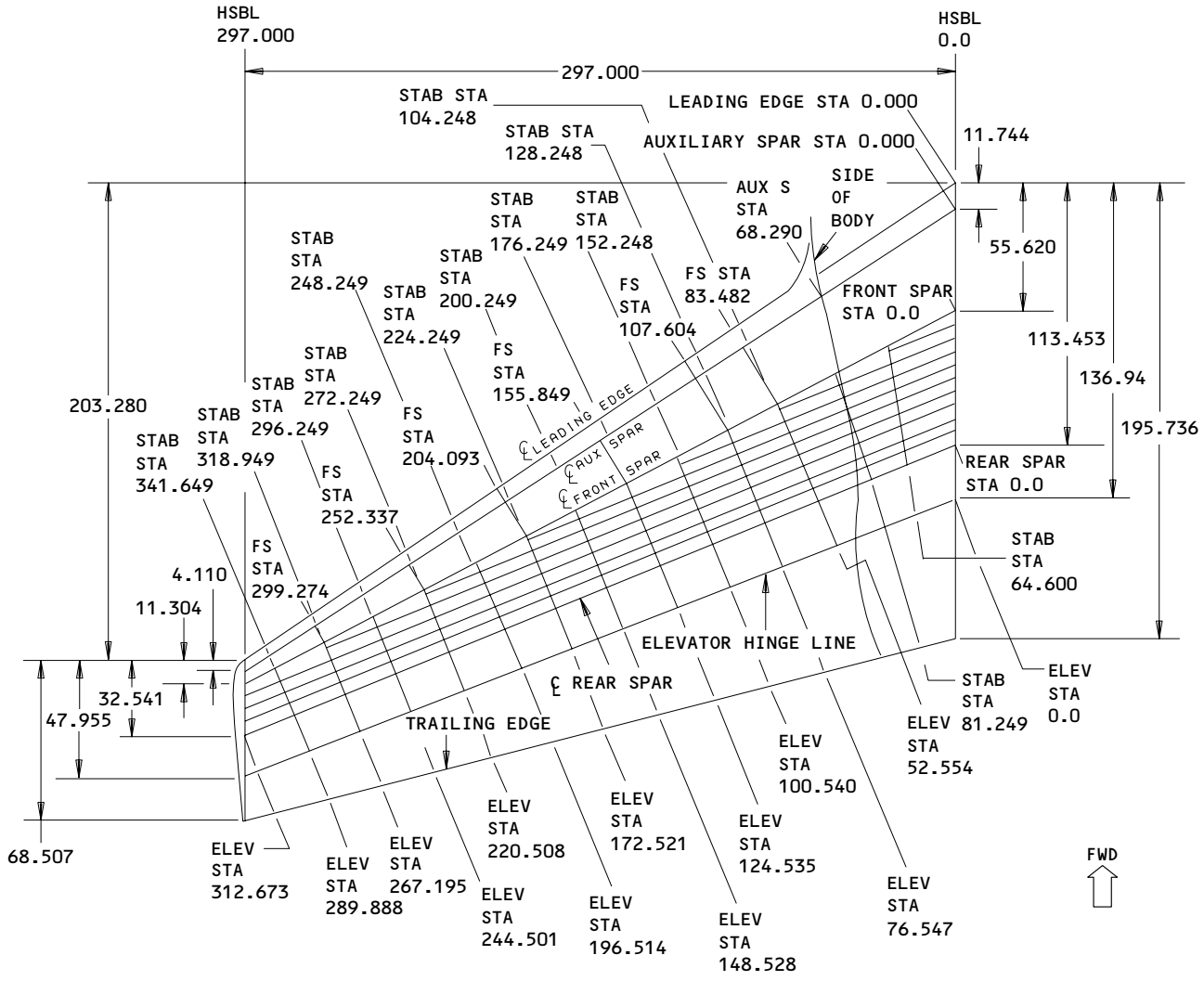
1. General
   A. The horizontal stabilizer and elevator station diagram gives the location of the structural components on the horizontal stabilizer and elevator.

TASK 06-23-00-202-001

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

S 222-002

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




TOP VIEW

NOTE: ALL DIMENSIONS ARE MEASURED ALONG OR PARALLEL TO HORIZONTAL STABILIZER REFERENCE PLANE.

RIBS BETWEEN REAR SPAR AND ELEVATOR HINGE LINE ARE PERPENDICULAR TO HINGE LINE.
RIBS BETWEEN FRONT AND REAR SPAR ARE PERPENDICULAR TO REAR SPAR.

Horizontal Stabilizer Station Diagram
Figure 201

# WING STATION DIAGRAM - MAINTENANCE PRACTICES

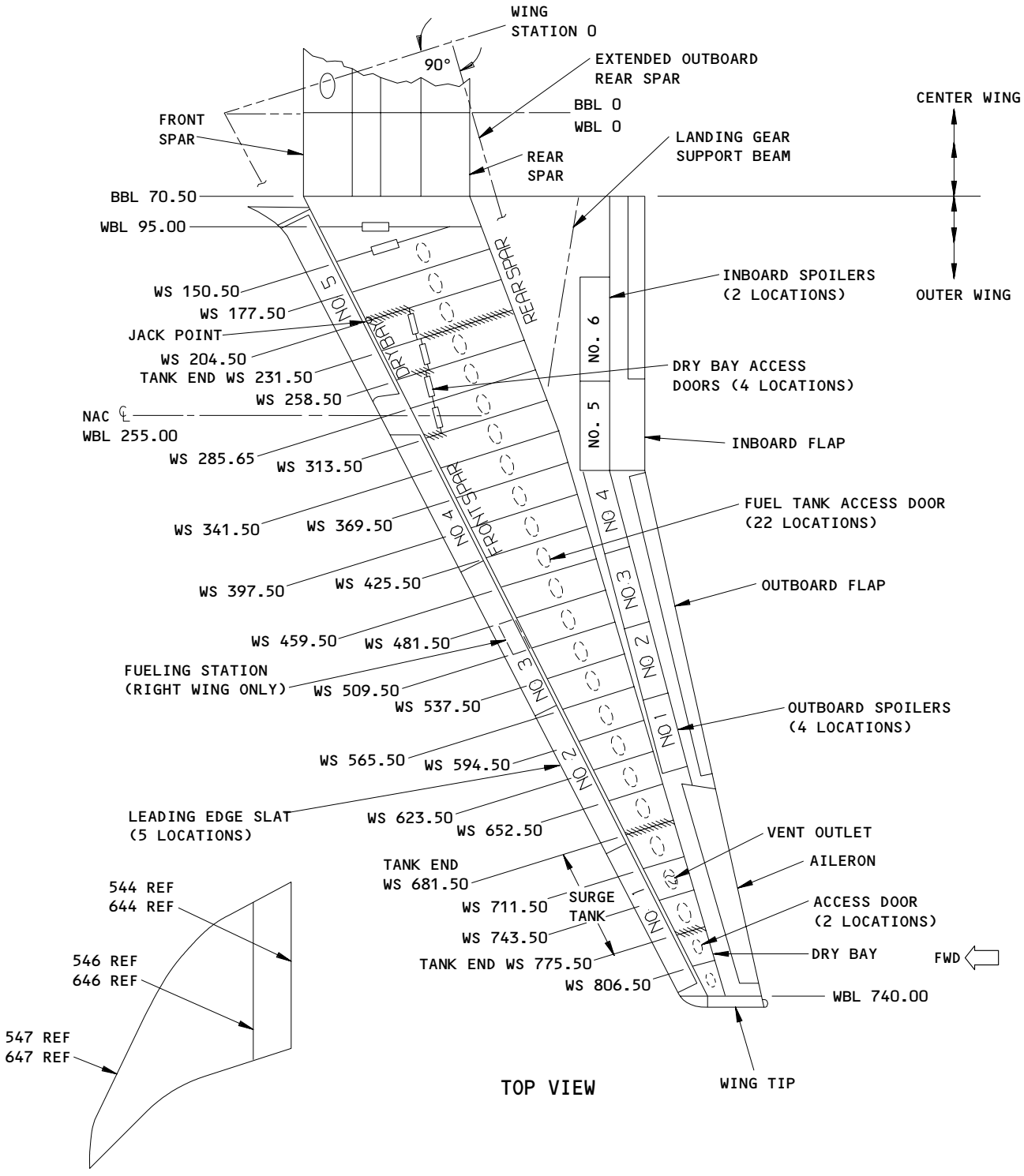
1. General
   A. The wing station diagram gives the location of the structural components on the wing.

TASK 06-24-00-202-001

2. Wing Station Diagram (Fig. 201)
   A. Procedure

S 222-002

(1) Refer to Fig. 201 for the wing station diagram which gives the location of structural components on the wing.




Wing Station Diagram
Figure 201

ENGINE AND NACELLE STATION DIAGRAM - MAINTENANCE PRACTICES

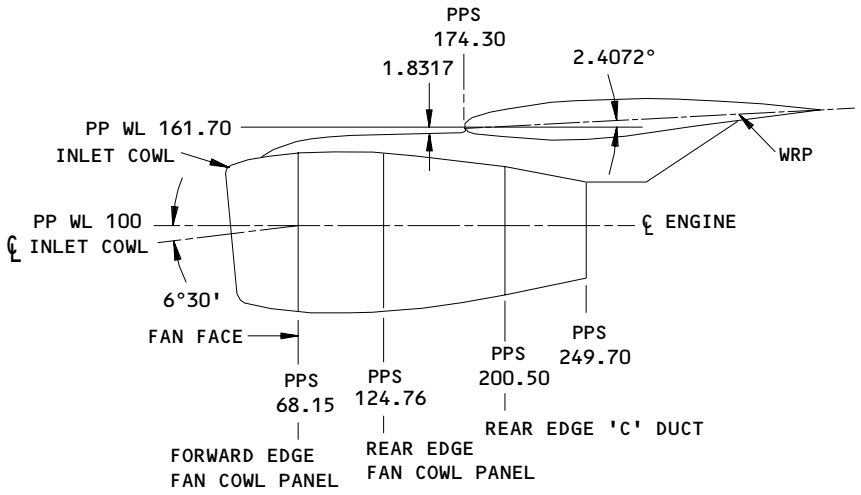
1. General
   A. The engine and nacelle station diagram gives the location of the engine and nacelle structural components on the airplanes.

TASK 06-25-00-202-001

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

S 222-002

(1) Refer to Fig. 201 for the location of nacelle structural components on the engine.




LEFT SIDE VIEW OF NACELLE FOR ROLLS ROYCE RB211-535E4 ENGINE

Engine and Nacelle Station Diagram
Figure 201

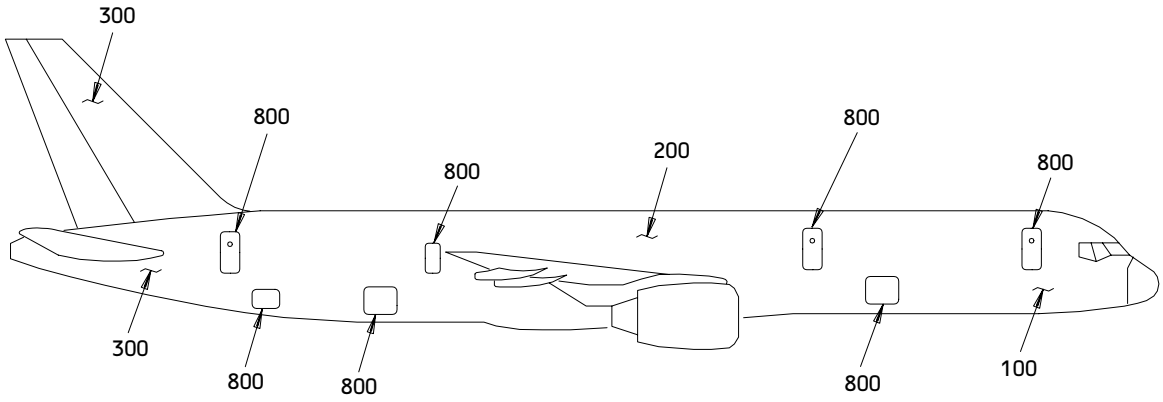
## ZONE DIAGRAMS - MAINTENANCE PRACTICES

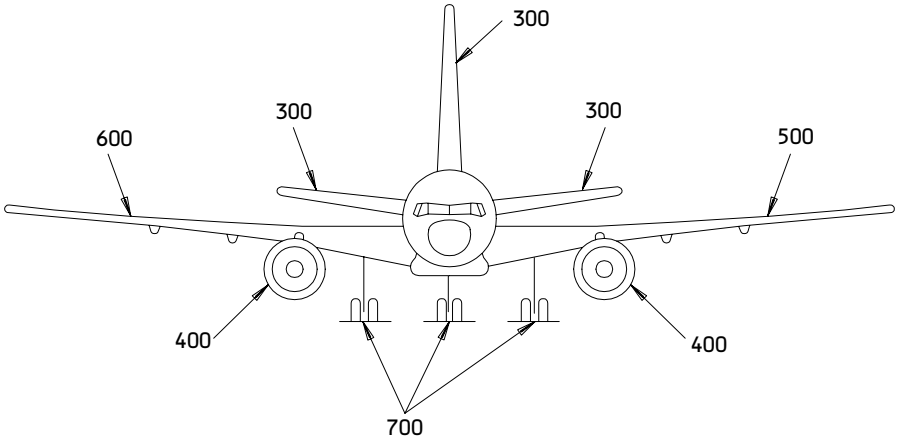
1. General
   A. The 757 airplane is divided into 8 major zones to help you find and identify the airplane components and parts. The major zones then are divided into the subzones and the subzones into zones.
   B. The zones are numbered in the sequence that follows:
      (1) Wings - inboard to outboard and front to back.
      (2) Horizontal Stabilizer and Elevator - inboard to outboard and front to back.
      (3) Vertical Stabilizer and Rudder - root to tip of vertical stabilizer.
      (4) Fuselage - front to back and away from floorline.
   C. Each of the structural components, main deck compartment 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, subzones, and zones as follows:
      (1) Major Zone - the first digit is a number from 1 to 8 followed by two zeroes.
      (2) Subzone - the first digit represents the major zone, the second digit is a number from 1 to 6 or 9, and the third digit is a zero.
      (3) Zone - the first two digits represent the subzone number and the third digit shows a component or group of components that are in the subzone.

TASK 06-30-00-222-001

2. Major Zones (Fig. 201)
   A. General
      (1) Refer to the table that follows for descriptions of the major zones:

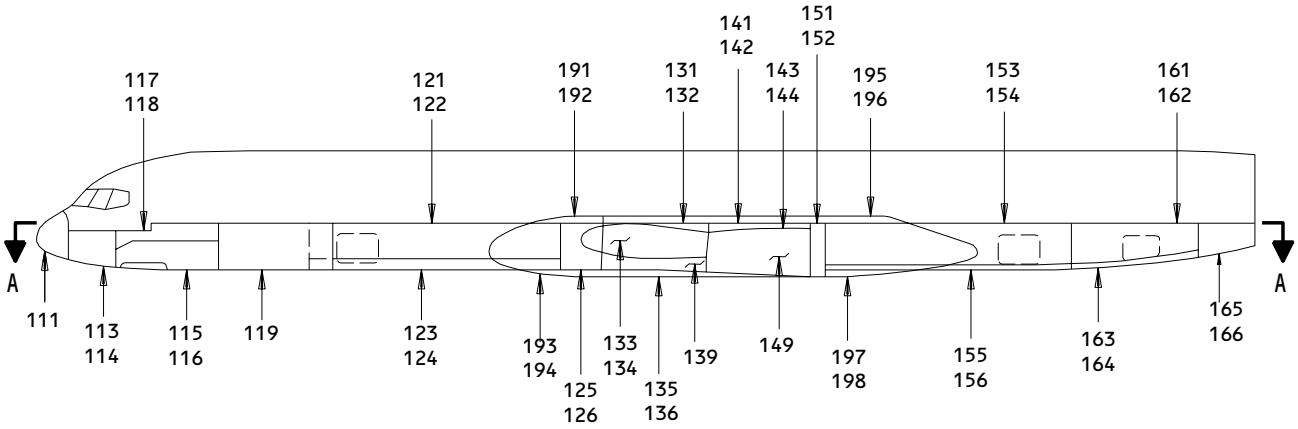
| MAJOR ZONE | DESCRIPTION |
|---|---|
| 100 | Lower Half of Fuselage |
| 200 | Upper Half of Fuselage |
| 300 | Empennage and Body Section 48 |
| 400 | Power Plants and Nacelle Struts |
| 500 | Left Wing |
| 600 | Right Wing |
| 700 | Landing Gear and Landing Gear Doors |
| 800 | Doors |



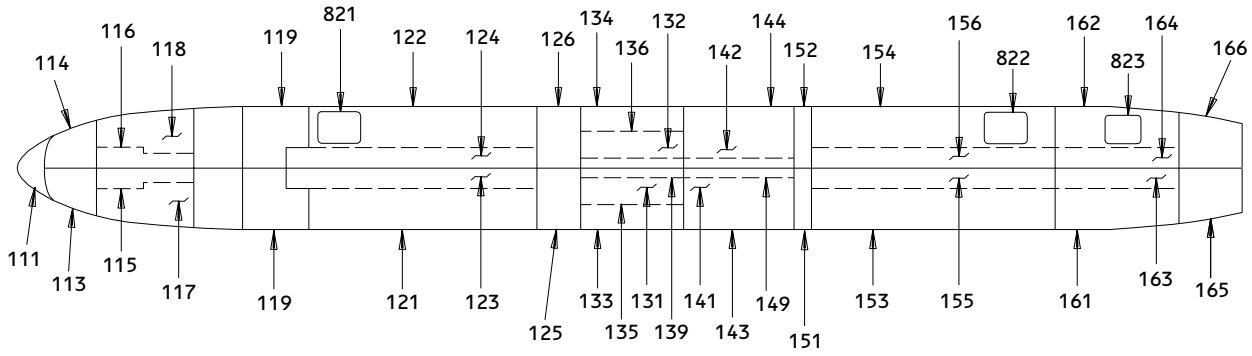




| MAJOR ZONES | |
|---|---|
| 100 | LOWER HALF OF FUSELAGE |
| 200 | UPPER HALF OF FUSELAGE |
| 300 | EMPENNAGE AND BODY SECTION 48 |
| 400 | POWER PLANTS AND NACELLE STRUTS |
| 500 | LEFT WING |
| 600 | RIGHT WING |
| 700 | LANDING GEAR AND LANDING GEAR DOORS |
| 800 | DOORS |

Major Zones Diagram
Figure 201

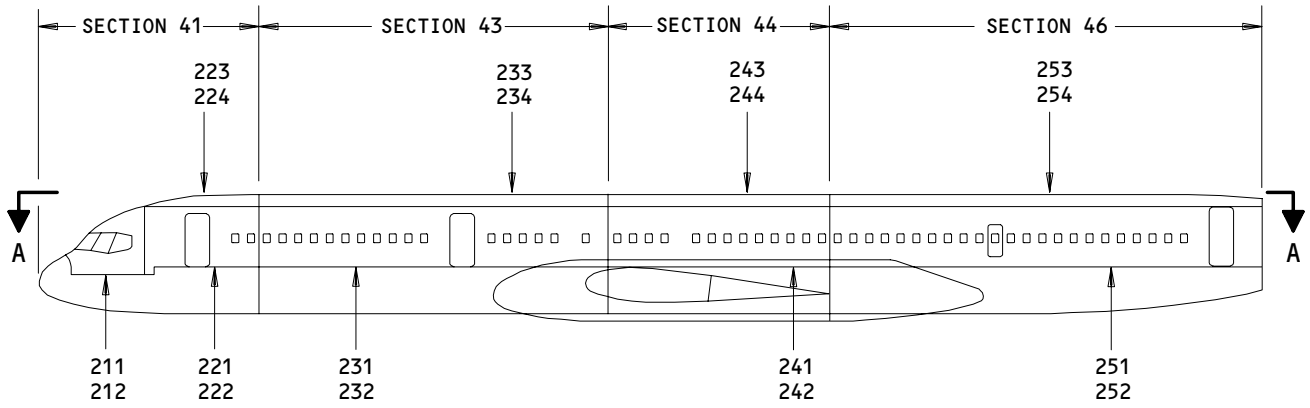



(SIDE VIEW)

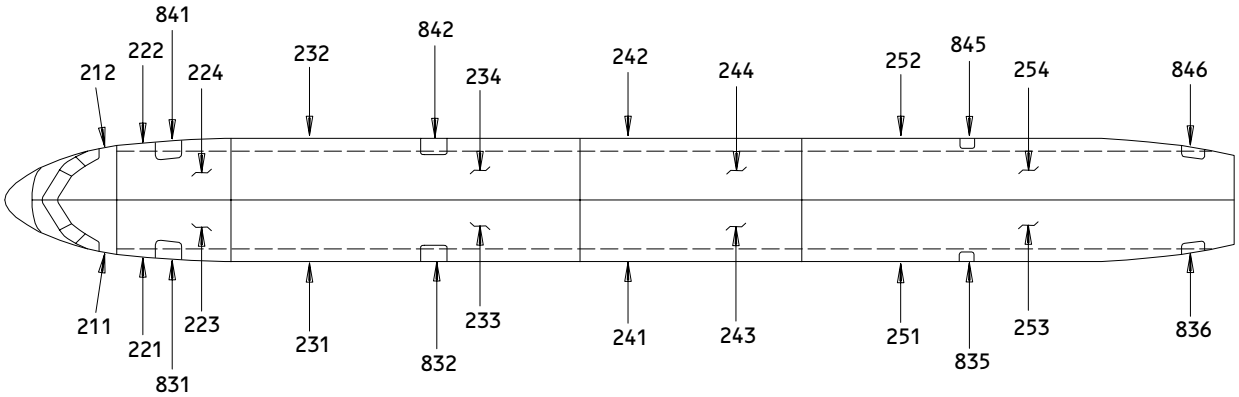



A-A

Lower Half of Fuselage Zone Diagram
Figure 202

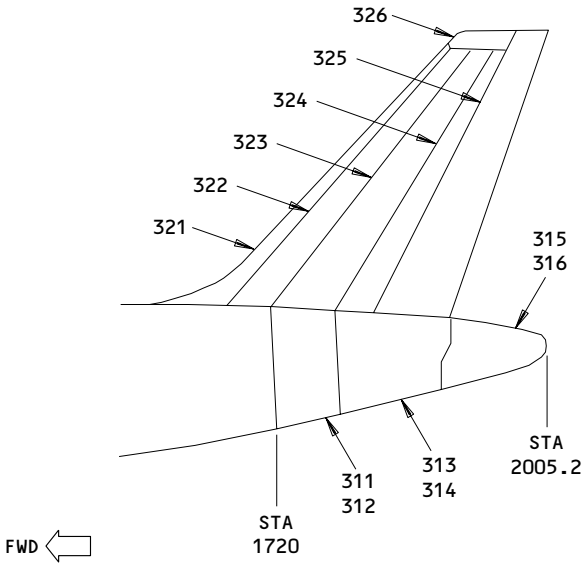



SIDE VIEW

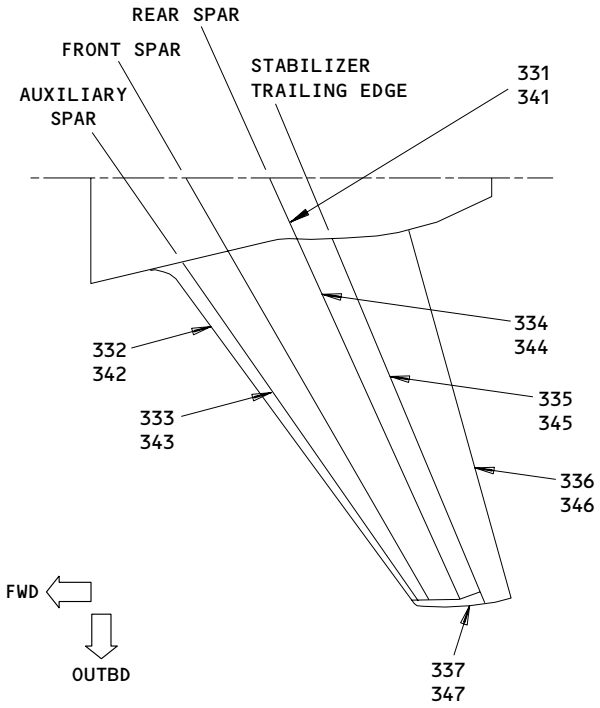



A–A

Upper Half of Fuselage Zone Diagram
Figure 203

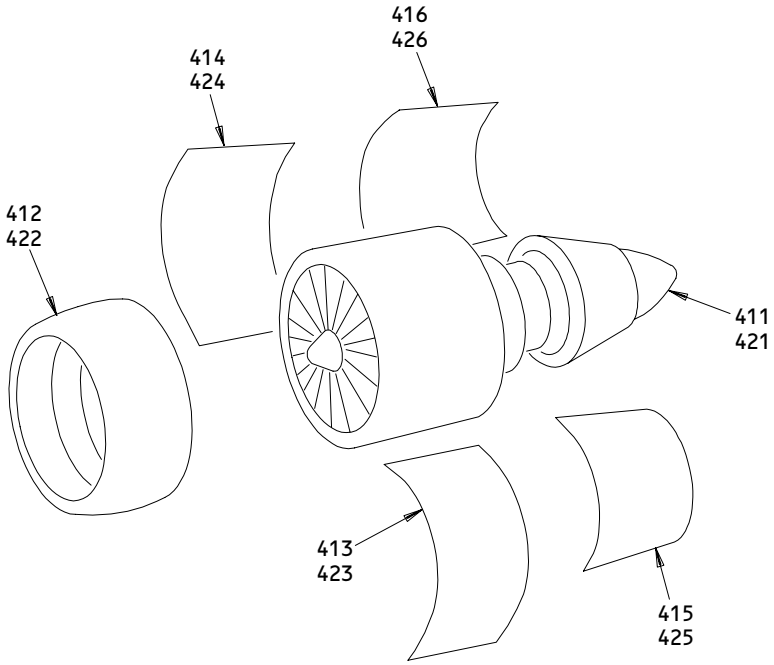



SUBZONE 310 – FUSELAGE BODY SECTION 48
SUBZONE 320 – VERTICAL STABILIZER AND RUDDER
(LEFT SIDE VIEW)

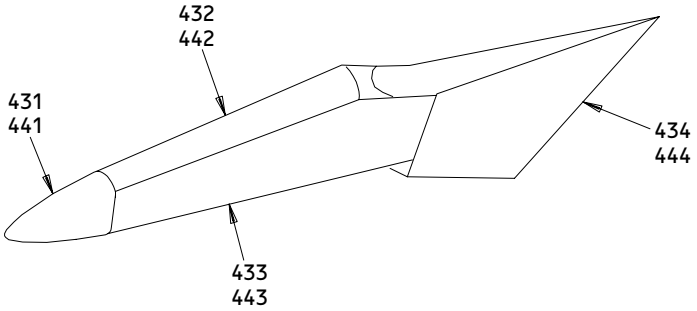



SUBZONE 330 – LEFT HORIZONTAL STABILIZER AND ELEVATOR (SHOWN)
SUBZONE 340 – RIGHT HORIZONTAL STABILIZER AND ELEVATOR (OPPOSITE)
(TOP VIEW)

Empennage and Body Section 48 Zone Diagram
Figure 204

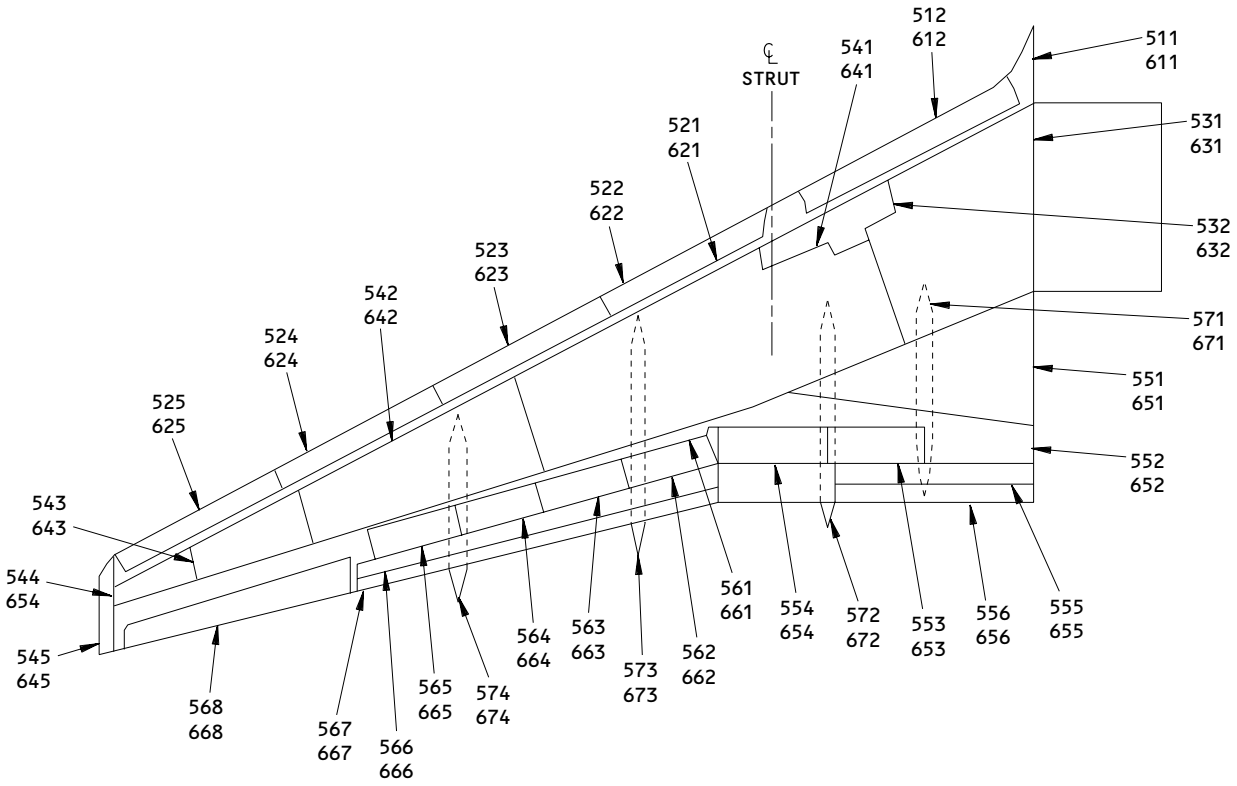



SUBZONE 410 – NO. 1 POWER PLANT
SUBZONE 420 – NO. 2 POWER PLANT

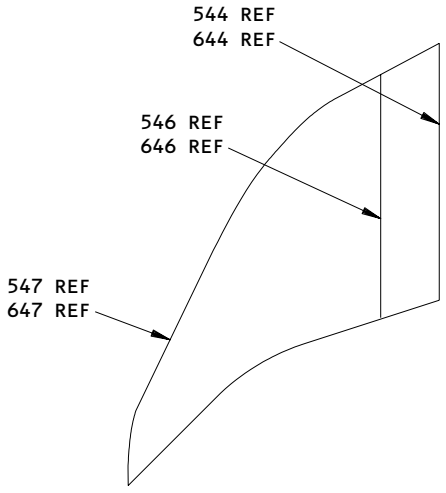



SUBZONE 430 – NO. 1 NACELLE STRUT
SUBZONE 440 – NO. 2 NACELLE STRUT

Power Plants and Nacelle Struts Zone Diagrams
(Rolls Royce RB211 Engines)
Figure 205

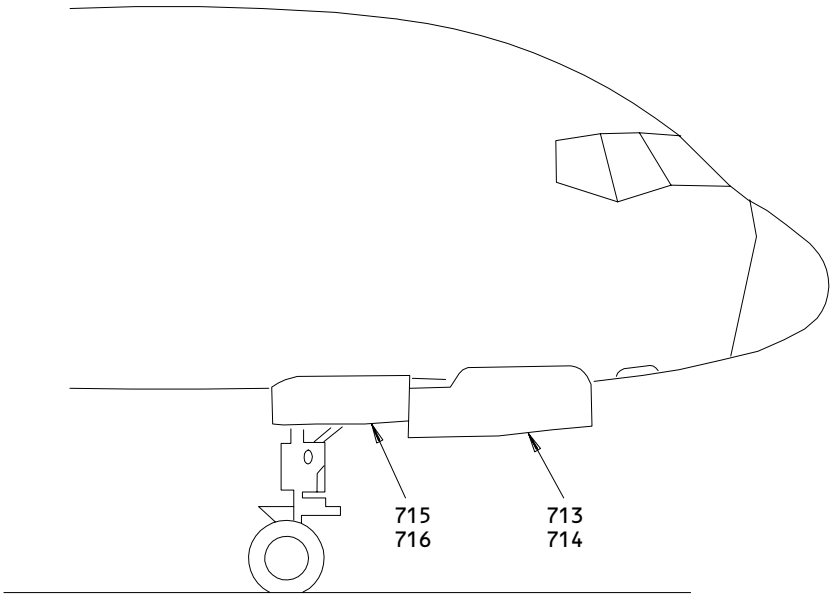



MAJOR ZONE 500 – LEFT WING (SHOWN)
MAJOR ZONE 600 – RIGHT WING (OPPOSITE)

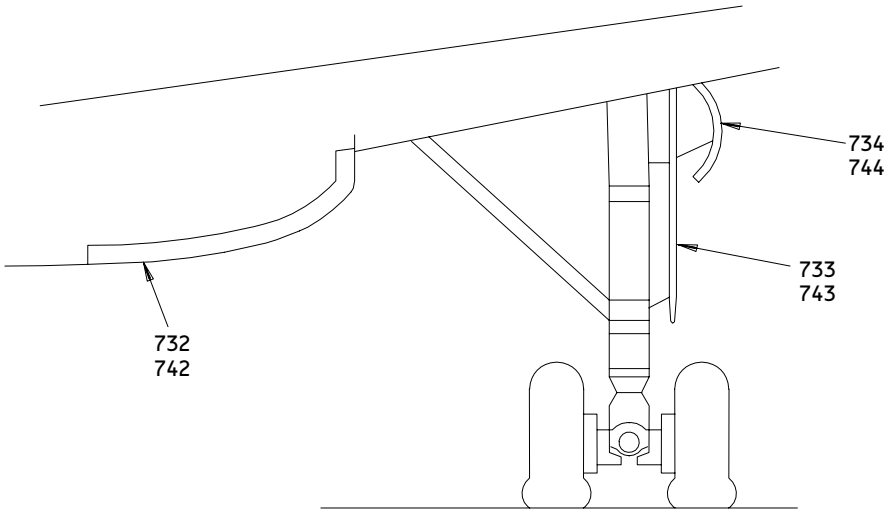



(AIRPLANES WITH WINGLETS)

Left Wing/Right Wing Zone Diagram
Figure 206




SUBZONE 710 – NOSE LANDING GEAR AND DOORS




VIEW IN THE AFT DIRECTION

SUBZONE 730 – LEFT MAIN LANDING GEAR AND LANDING GEAR DOORS (SHOWN)
SUBZONE 740 – RIGHT MAIN LANDING GEAR AND LANDING GEAR DOORS (OPPOSITE)

Landing Gear and Landing Gear Doors Zone Diagram
Figure 207

TASK 06-30-00-222-002

3. Major Zone 100 - Lower Half of Fuselage (Fig. 202)
   A. General
      (1) Subzone 110 - BS 159.0 to BS 560.0
         (a) Zone 111 Radome
             113 Area Forward of Nose Landing Gear Wheel Well, Left
             114 Area Forward of Nose Landing Gear Wheel Well, Right
             115 Nose Landing Gear Wheel Well, Left
             116 Nose Landing Gear Wheel Well, Right
             117 Area Outboard and Above Nose Landing Gear Wheel Well, Left
             118 Area Outboard and Above Nose Landing Gear Wheel Well, Right
             119 Main Equipment Center (Left and Right)

      (2) Subzone 120 - BS 560.0 to BS 900.0
         (a) 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

      (3) Subzone 130 - BS 900.0 to BS 1040.0
         (a) 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 Systems Bay, Left
             136 Environmental Control Systems Bay, Right
             139 Forward Keel Beam

      (4) Subzone 140 - BS 1040.0 to BS 1180.0
         (a) Zone 141 Area Above Main Landing Gear Wheel Well, Left
             142 Area Above Main Landing Gear Wheel Well, Right
             143 Main Landing Gear Wheel Well, Left
             144 Main Landing Gear Wheel Well, Right
             149 Aft Keel Beam

(5) Subzone 150 - BS 1180.0 to BS 1480.0
(a) Zone 151 Area Forward of Aft Cargp Compartment, Left
152 Area Forward of Aft Cargo Compartment, Right
153 Aft Cargo Compartment, Left
154 Aft Cargo Comparmtent, Right
155 Area Below Aft Cargo Compartment, Left
156 Area Below Aft Cargo Compartment, Right

(6) Subzone 160 - BS 1480.0 to BS 1720.0
(a) 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

(7) Subzone 190 - Wing to Body Fairings
(a) Zone 191 Left Forward Upper Wing to Body Fairing
192 Right Forward Upper Wing to Body Fairing
193 Left Forward Lower Wing to Body Fairing
194 Right Forward Lower Wing to Body Fairing
195 Left Aft Upper Wing to Body Fairing
196 Right Aft Upper Wing to Body Fairing
197 Left Aft Lower Wing to Body Fairing
198 Right Aft Lower Wing to Body Fairing

TASK 06-30-00-222-003

4. Major Zone 200 - Upper Half of Fuselage (Fig. 203)
A. General
(1) Subzone 210 - BS 199.09 to BS 297.0
(a) Zone 211 Control Cabin, Left
212 Control Cabin, Right

(b) Subzone 220 - BS 297.0 to BS 440.0
(c) Zone 221 Main Deck Cabin, Left - Section 41
222 Main Deck Cabin, Right - Section 41
223 Area Above Main Deck Cabin Ceiling, Left - Section 41
224 Area Above Main Deck Cabin Ceiling, Right - Section 41
(2) Subzone 230 - BS 440.0 to BS 900.0
(a) Zone 231 Main Deck Cabin, Left - Section 43
232 Main Deck Cabin, Right - Section 43
233 Area Above Main Deck Cabin Ceiling, Left - Section 43
234 Area Above Main Deck Cabin Ceiling, Right - Section 43

(3) Subzone 240 - BS 900.0 to BS 1180.0
(a) Zone 241 Main Deck Cabin, Left - Section 44
242 Main Deck Cabin, Right - Section 44
243 Area Above Main Deck Cabin Ceiling, Left - Section 44
244 Area Above Main Deck Cabin Ceiling, Right - Section 44

(4) Subzone 250 - BS 1180.0 to BS 1720.0
(a) Zone 251 Main Deck Cabin, Left - Section 46
252 Main Deck Cabin, Right - Section 46
253 Area Above Main Deck Cabin Ceiling, Left - Section 46
254 Area Above Main Deck Cabin Ceiling, Right - Section 46

TASK 06-30-00-222-004

5. Major Zone 300 - Empennage and Body Section 48 (Fig. 204)

A. General

(1) Subzone 310 - Fuselage - Body Section 48
(a) Zone 311 Area Aft of Pressure Bulkhead to BS 1787.45, Left
312 Area Aft of Pressure Bulkhead to BS 1787.45, Right
313 Stabilizer Center Section Compartment, Left
314 Stabilizer Center Section Compartment, Right
315 APU Compartment, Left
316 APU Compartment, Right

(2) Subzone 320 - Vertical Stabilizer and Rudder
(a) Zone 321 Vertical Stabilizer 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

(3) Subzone 330 - Left Horizontal Stabilizer and Elevator
(a) Zone 331 Left Horizontal Stabilizer Center Section
332 Left Horizontal Stabilizer Leading Edge
333 Left Horizontal Stabilizer - Auxiliary Spar to Front Spar
334 Left Horizontal Stabilizer - Front Spar to Rear Spar
335 Left Horizontal Stabilizer - Rear Spar to Trailing Edge
336 Left Elevator
337 Left Horizontal Stabilizer Tip

(4) Subzone 340 – Right Horizontal Stabilizer and Elevator
(a) Zone 341 Right Horizontal Stabilizer Center Section
342 Right Horizontal Stabilizer Leading Edge
343 Right Horizontal Stabilizer – Auxiliary Spar to Front Spar
344 Right Horizontal Stabilizer – Front Spar to Rear Spar
345 Right Horizontal Stabilizer – Rear Spar to Trailing Edge
346 Right Elevator
347 Right Horizontal Stabilizer Tip

TASK 06-30-00-222-005

6. Major Zone 400 – Power Plants and Nacelle Struts (Fig. 205)
A. General
(1) Subzone 410 – No. 1 Power Plant
(a) Zone 411 Engine – No. 1 Power Plant
412 Nose Cowl – No. 1 Power Plant
413 Fan Cowl, Left – No. 1 Power Plant
414 Fan Cowl, Right – No. 1 Power Plant
415 Thrust Reverser, Left – No. 1 Power Plant
416 Thrust Reverser, Right – No. 1 Power Plant

(2) Subzone 420 – No. 2 Power Plant
(a) Zone 421 Engine – No. 2 Power Plant
422 Nose Cowl – No. 2 Power Plant
423 Fan Cowl, Left – No. 2 Power Plant
424 Fan Cowl, Right – No. 2 Power Plant
425 Thrust Reverser, left – No. 2 Power Plant
426 Thrust Reverser, right – No. 2 Power Plant

(3) Subzone 430 – No. 1 Nacelle Strut
(a) Zone 431 Nacelle Strut Forward Fairing
432 Underwing Fairing
433 Forward Torque Box
434 Aft Torque Box
435 Nacelle Strut Aft Fairing

(4) Subzone 440 – No. 2 Nacelle Strut
(a) Zone 441 Nacelle Strut Forward Fairing
442 Underwing Fairing
443 Forward Torque Box
444 Aft Torque Box
445 Nacelle Strut Aft Fairing

TASK 06-30-00-222-006

7. Major Zone 500 - Left Wing (Fig. 206)

A. General

(1) Subzone 510 - Wing Leading Edge - Forward of Front Spar and Inboard of Nacelle Strut

(a) Zone 511 Leading Edge to Front Spar - Left Wing
512 Slat No. 5

(2) Subzone 520 - Wing Leading Edge - Forward of Front Spar - Outboard of Nacelle Strut

(a) Zone 521 Leading Edge to Front Spar - Left Wing
522 Slat No. 4
523 Slat No. 3
524 Slat No. 2
525 Slat No. 1

(3) Subzone 530 - Wing Inspar Area - Inboard of Wing Rib 5 to Side of Body

(a) Zone 531 Left Wing Center Tank
532 Left Wing Dry Bay

(4) Subzone 540 - Wing Inspar Area - Outboard of Wing Rib 5

(a) Zone 541 Main Tank - Rib 5 to 17 - Left Wing
542 Main Tank - Rib 17 to 21 - Left Wing
543 Surge Tank - Rib 21 to 23 - Left Wing
544 Left Wing Dry Bay
545 Wing Tip - Outboard of Rib 3 - Left Wing

(b) Zone 546 Adapter Plug (Optional) - Left Wing
547 Winglet (Optional) - Left Wing

(5) Subzone 550 - Wing Trailing Edge - Aft of Rear Spar and Inboard of Spoiler No. 4

(a) Zone 551 Rear Spar to Main Landing Gear Support Beam - Left Wing
552 Main Landing Gear Support Beam and Rear Spar to Trailing Edge - Left Wing
553 Spoiler No. 6
554 Spoiler No. 5
555 Left Wing Inboard Flap
556 Left Wing Inboard Aft Flap

(6) Subzone 560 - Wing Trailing Edge - Aft of Rear Spar and Outboard of Spoiler No. 5
(a) Zone 561 Rear Spar to Trailing Edge - Left Wing
562 Spoiler No. 4
563 Spoiler No. 3
564 Spoiler No. 2
565 Spoiler No. 1
566 Left Wing Outboard Forward Flap
567 Left Wing Outboard Aft Flap
568 Left Wing Aileron

(7) Subzone 570 - Wing Trailing Edge Flap Track Fairings
(a) Zone 570 Left Wing Trailing Edge Flap Track Fairings
571 Left Wing Main Landing Gear Trunnion Fairing
572 Inboard Flap Outboard Fairing - Left Wing
573 Outboard Flap Inboard Fairing - Left Wing
574 Outboard Flap Outboard Fairing - Left Wing

TASK 06-30-00-222-012

8. Major Zone 600 - Right Wing (Fig. 206)
A. General
(1) Subzone 610 - Wing Leading Edge - Forward of Front Spar and Inboard of Nacelle Strut
(a) Zone 611 Leading Edge to Front Spar - Right Wing
612 Slat No. 6

(2) Subzone 620 - Wing Leading Edge - Forward of Front Spar - Outboard of Nacelle Strut
(a) Zone 621 Leading Edge to Front Spar - Right Wing
622 Slat No. 7
623 Slat No. 8
624 Slat No. 9
625 Slat No. 10

(3) Subzone 630 - Wing Inspar Area - Inboard of Wing Rib 5 to Side of Body
(a) Zone 631 Right Wing Center Tank
632 Right Wing Dry Bay

(4) Subzone 640 - Wing Inspar Area - Outboard of Wing Rib 5
  (a) Zone 641 Main Tank - Rib 5 to 7 - Right Wing
  642 Main Tank - Rib 7 to 21 - Right Wing
  643 Surge Tank - Rib 21 to 23 - Right Wing
  644 Right Wing Dry Bay
  645 Wing Tip - Outboard of Rib 3 - Right Wing

  (b) Zone 646 Adapter Plug (Optional) - Right Wing
  647 Winglet (Optional) - Right Wing

(5) Subzone 650 - Wing Trailing Edge - Aft of Rear Spar and Inboard of Spoiler No. 9
  (a) Zone 651 Rear Spar to Main Landing Gear Support Beam - Right Wing
  652 Main Landing Gear Support Beam and Rear Spar to Trailing Edge - Right Wing
  653 Spoiler No. 7
  654 Spoiler No. 8
  655 Right Wing Inboard Flap
  656 Right Wing Inboard Aft Flap

(6) Subzone 660 - Wing Trailing Edge - Aft of Rear Spar and Outboard of Spoiler No. 8
  (a) Zone 661 Rear Spar to Trailing Edge - Right Wing
  662 Spoiler No. 9
  663 Spoiler No. 10
  664 Spoiler No. 11
  665 Spoiler No. 12
  666 Right Wing Outboard Forward Flap
  667 Right Wing Outboard Aft Flap
  668 Right Wing Aileron

(7) Subzone 670 - Wing Trailing Edge Flap Track Fairings
  (a) Zone 670 Right Wing Trailing Edge Flap Track Fairings
  671 Right Wing Main Landing Gear Trunnion Fairing
  672 Inboard Flap Outboard Fairing - Right Wing
  673 Outboard Flap Inboard Fairing - Right Wing
  674 Outboard Flap Outboard Fairing - Right Wing

TASK 06-30-00-222-007

9. Major Zone 700 - Landing Gear and Landing Gear Doors (Fig. 207)
   A. General
      (1) Subzone 710 - Nose Landing Gear and Landing Gear Doors
         (a) Zone 711 Nose Landing Gear
             713 Left Forward Nose Landing Gear Door
             714 Right Forward Nose Landing Gear Door
             715 Left Aft Nose Landing Gear Door
             716 Right Aft Nose Landing Gear Door

      (2) Subzone 730 - Left Main Landing Gear and Landing Gear Doors
         (a) Zone 731 Left Main Landing Gear
             732 Left Main Landing Gear Body Door
             733 Left Main Landing Gear Oleo Door

      (3) Subzone 740 - Right Main Landing Gear and Landing Gear Doors
         (a) Zone 741 Right Main Landing Gear
             742 Right Main Landing Gear Body Door
             743 Right Main Landing Gear Oleo Door

TASK 06-30-00-222-008

10. Major Zone 800 - Doors
   A. General
      (1) Subzone 820 - Lower Half of Fuselage, Right
         (a) Zone 821 No. 1 Cargo Door
             822 No. 2 Cargo Door
             823 No. 3 Cargo Door

      (2) Subzone 830 - Upper Half of Fuselage, Left
         (a) Zone 831 Left No. 1 Passenger Door
             832 Left No. 2 Passenger Door
             835 Left No. 3 Emergency Exit Door
             836 Left No. 4 Passenger Door

(3) Subzone 840 - Upper Half of Fuselage, Right
    (a) Zone 841 Right No. 1 Passenger Door
        842 Right No. 2 Passenger Door
        845 Right No. 3 Emergency Exit Door
        846 Right No. 4 Passenger Door

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

1. General (Fig. 201)
   A. The major zone 100 contains the lower half of the fuselage but does not include Section 48.
   B. The major zone 100 contains the sub-zones. These sub-zones are identified by the first two numbers and followed by a zero as shown below:
      (1) Sub-zone 110 — Airplane nose to aft end of Main Equipment Center (BSTA 159.0 to 560.0)
      (2) Sub-zone 120 — Aft end of Main Equipment Center to front spar of wing center section (BSTA 560.0 to 900.0)
      (3) Sub-zone 130 — Wing Center Section (BSTA 900.0 to 1040.0)
      (4) Sub-zone 140 — Main Landing Gear (MLG) Wheel Well (BSTA 1040.0 to 1180.0)
      (5) Sub-zone 150 — Compartment Aft of MLG Wheel Well through Aft Cargo Compartment (BSTA 1180.0 to 1480.0)
      (6) Sub-zone 160 — Bulk Cargo Compartment (BSTA 1480.0 to 1720.0)
      (7) Sub-zone 190 — Wing-to-body Fairings
   C. The major zone 200 contains the upper half of the fuselage, but does not include Section 48.
   D. The major zone 200 contains the sub-zones. These sub-zones are identified by the first two numbers and followed by a zero as shown below:
      (1) Sub-zone 210 — Control Cabin (BSTA 199.09 to 297.0)
      (2) Sub-zone 220 — Passenger Cabin (BSTA 297.0 to 440.0)
      (3) Sub-zone 230 — Passenger Cabin (BSTA 440.0 to 900.0)
      (4) Sub-zone 240 — Passenger Cabin (BSTA 900.0 to 1180.0)
      (5) Sub-zone 250 — Passenger Cabin (BSTA 1180.0 to 1720.0)
   E. Each sub-zone is divided into zones that are identified by the first two numbers of the sub-zone followed by a number that is not zero. See tables.
   F. The access doors and panels in a zone are identified by the zone number followed by two letters or by three letters. Each access door or panel has a different identifier.

G. The top collector drawing numbers for the fuselage access panels are:
(1) 100N1141
100N1142
100N1143
100N1146
100N1149

TASK 06-41-00-222-001

2. Fuselage Access Doors and Panels

A. General
(1) For locations of access doors and panels, refer to Fig. 201.
(2) To get access to the equipment and components that are behind the access doors and panels, refer to the table below.

| DOOR OR PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 111AL | | Radome, Director Assy, Diverter, Glideslope/Weather Radar/Localizer Antennas |
| 113AL | | Flight/Landing Gear/Engine Control Components, Air Conditioning Ducting, Main Battery, Weather Radar Transceiver |
| 115AL | | Control Cables, Air Conditioning Ducting and Wire Bundles |
| | 116AR | Control Cables, ECS Control Valve |
| 117AL | | Control Cables |
| 117BL | | Control Cables |
| 117CL | | Control Cables |
| | 118AR | Potable Water (Optional on -200 passenger airplanes) |
| 119BL | | Main Equipment Center |
| | | Control Cables, Pulleys, Pulley Brackets |
| | | Electrical/Electronic Equipment |
| | | TAT Probe |
| | | Antenna - Transponder |
| | | Lavatory Waste System Fwd Service Panel, Ducting for -200 airplanes only |
| | | Service Door, Proximity Switches |
| | | Negative Pressure Relief Doors |
| | | External Power Panel |
| | | Oxygen Cylinder - Crew |
| | | Cabin Pressure Control Installation - ECS |
| | | Electrical/Electronic Equipment Cooling Installation - ECS |
| | | Door and Floor Drains |
| | 120AR | Ground Power Receptacle |
| | 122AR | Cargo Door Controls |
| | 122BR | R/H Lavatory Service Door |
| 121AL | | Mid Lavatory Service (-200 airplanes only) |
| *[1] | | |
| 134AZ | | Center Wing Tank, Fuel Vent Float Drain Valves |
| 134BZ | | Fuel Bay (Baffle Door) |
| 134CZ | | Fuel Bay (Baffle Door) |
| 134DZ | | Fuel Bay (Baffle Door) |
| 134EZ | | Purge Door |
| 139AL | | Structure |
| 139BL | | Structure |
| 139CL | | Structure |

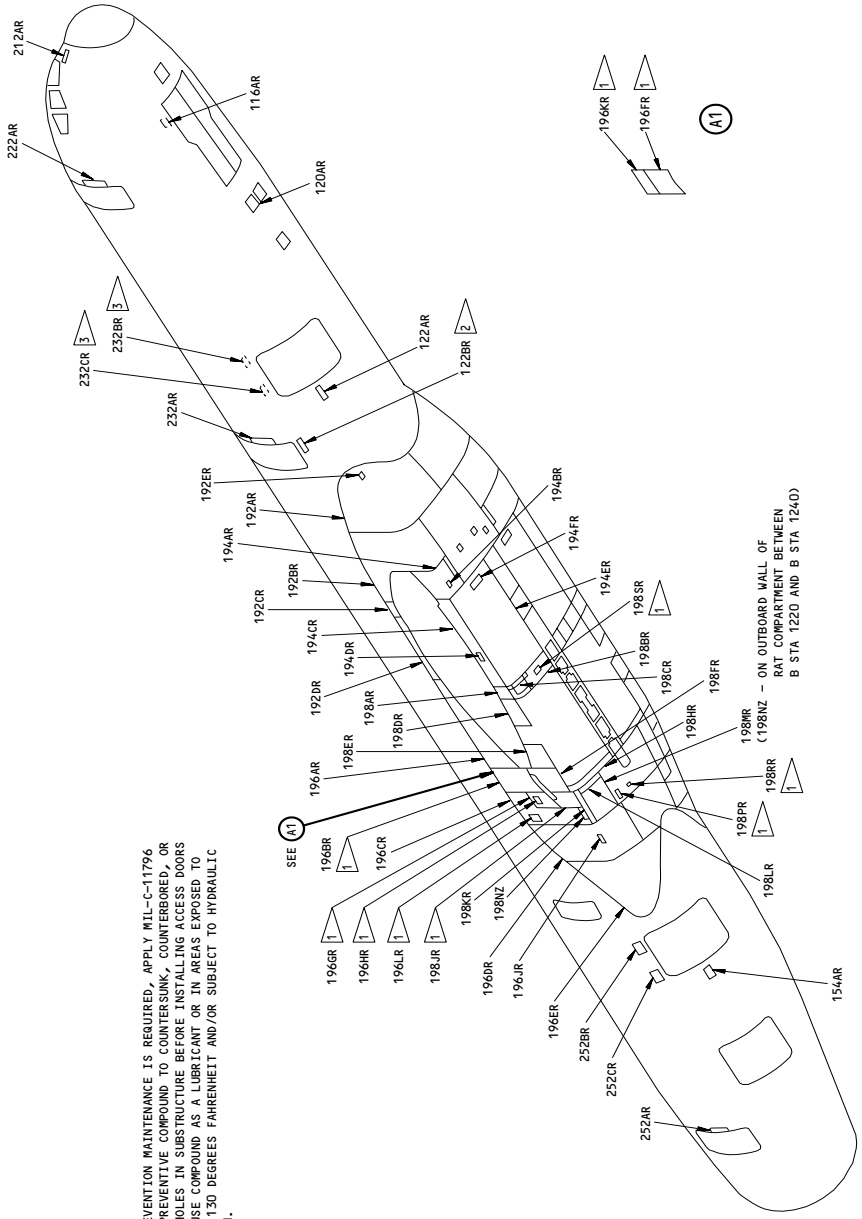
| DOOR OR PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 149AL | | Structure |
| 149BL | | Structure |
| 149CL | | Structure |
| 149DL | | Structure |
| 149EL | | Structure |
| 149FL | | Structure |
| 149GL | | Aft Toilet Service Panel (-200 airplanes only) |
| 151AZ | 152AZ | Aft Cargo Compartment Forward Bulkhead Panel (-200 Airplanes only) |
| 151BZ | 152BZ | Aft Cargo Compartment Forward Bulkhead Panel (-200 Airplanes only) |
| 151CZ | 152CZ | Aft Cargo Compartment Forward Bulkhead Panel (-200 Airplanes only) |
| | 154AR | Cargo Door Control |
| 165AL *[1] | | Potable Water Service (-200 airplanes only) |
| 165BL *[1] | | Potable Water Service |
| 191AL | | Wing/Body Structure |
| 191BL | | Wing/Body Structure |
| 191CL | | L.E. Slat Drive Angle Gearbox |
| 191DL | | Wing/Body Structure |
| 191EL | | Body Skin |

| DOOR OR PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| | 192AR | Wing/Body Structure |
| | 192BR | Wing/Body Structure |
| | 192CR | L.E. Slat Drive Angle Gearbox |
| | 192DR | Wing/Body Structure |
| | 192ER | Body Skin |
| 193AL | | Wing/Body Structure |
| 193BL | | Ram Air Inlet Door Actuator |
| 193CL | | Water/Waste Drain Mast |
| 193DL | | Conditioned Air Ground Service |
| 193EL | | Wing/Body Structure |
| 193FL | | Wing/Body Structure |
| 193GL | | Center Tank Fuel Drain (Not for line #1030 and on) |
| 193HL | | ECS Components |
| | | Air Supply Installation |
| | | Air Conditioning Installation |
| | | Pack Assembly - Air Conditioning |
| | | Sensor Installation - Duct Leak Detection |
| | | Service Lighting |
| | | Tubing |
| 193JL | | Engine Ground Start |
| | 194AR | Wing/Body Structure |
| | 194BR | Ram Air Inlet Door Actuator |
| | 194CR | Wing/Body Structure |
| | 194DR | Center Tank Fuel Drain (Not for line #1030 and on) |
| | 194ER | ECS Components |
| | | Air Supply Installation |
| | | Air Conditioning Installation |
| | | Pack Assembly - Air Conditioning |
| | | Sensor Installation - Duct Leak Detection |
| | | Service Lighting |
| | | Tubing |
| | 194FR | Engine Ground Start |
| 195AL | | Wing/Body Structure |
| 195BL | | Wing/Body Structure |
| 195CL | | Wing/Body Structure |
| 195DL | | Wing/Body Structure |
| 195EL | | Wing/Body Structure |

| DOOR OR PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 195FL | | Off-Wing Slide and Carriage Mechanism |
| 195GL | | Off-Wing Slide Pneumatic Actuator |
| 195HL | | Off-Wing Slide Maintenance Handle and Pneumatic Actuator Ground Test Lever |
| 195JL | | Off-Wing Escape Slide Door Latch and Slide Carrier Lock Release |
| | 196AR | Wing/Body Structure |
| | 196BR | Wing/Body Structure |
| | 196CR | Wing/Body Structure |
| | 196DR | Wing/Body Structure |
| | 196ER | Wing/Body Structure |
| | 196FR | Off-Wing Slide and Carriage Mechanism |
| | 196GR | Off-Wing Slide Pneumatic Actuator |
| | 196HR | Off-Wing Slide Maintenance Handle and Pneumatic Actuator Ground Test Lever |
| | 196LR | Access Door |
| | 196LR *[1] | Access Door |
| | 196JR | Wing/Body Structure |
| 197AL | | Wing/Body Structure |
| 197BL | | Wing/Body Structure |
| 197CL | | Ram Air Exhaust Louvers |
| 197DL | | Wing/Body Structure |
| 197EL | | Flap Track |
| 197FL | | Flap Track |
| 197GL | | Wing/Body Structure |
| 197HL | | Wing/Body Structure |
| 197JL | | Wing/Body Structure |
| 197KL | | Central Hydraulic Service Center |
| 197LL | | Wing/Body Structure |
| 197ML | | Electric Motor Pump |
| 197NL | | Wing/Body Structure |
| | 198AR | Wing/Body Structure |
| | 198BR | Wing/Body Structure |
| | 198CR | Ram Air Exhaust Louvers |
| | 198DR | Wing/Body Structure |
| | 198ER | Flap Tracks |
| | 198FR | Flap Tracks |
| | 198GR | Wing/Body Structure |

| DOOR OR PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| | 198HR | Wing/Body Structure |
| | 198JR | Wing/Body Structure |
| | 198KR | Wing/Body Structure |
| | 198LR | Wing/Body Structure |
| | 198MR | Ram Air Turbine |
| | 198NR | Ram Air Turbine (Inside Wing/Body Fairing) |
| | 198PR | Nose and Main Gear Ground Door Access Panel |
| | 198NZ | Secondary Access RAT Mechanism |
| 211AL | | Windshield Wiper |
| | 212AR | Windshield Wiper |
| 221AL | | Door Hinge |
| | 222AR | Door Hinge |
| 231AL | | Door Hinge |
| | 232AR | Door Hinge |
| | 232BR | Rotary Actuator |
| | *[1] | |
| 251AL | | Door Hinge |
| | 252AR | Door Hinge |
| | 252BR | Rotary Actuator |
| | 252CR | Rotary Actuator |

*[1] Not on all airplanes.

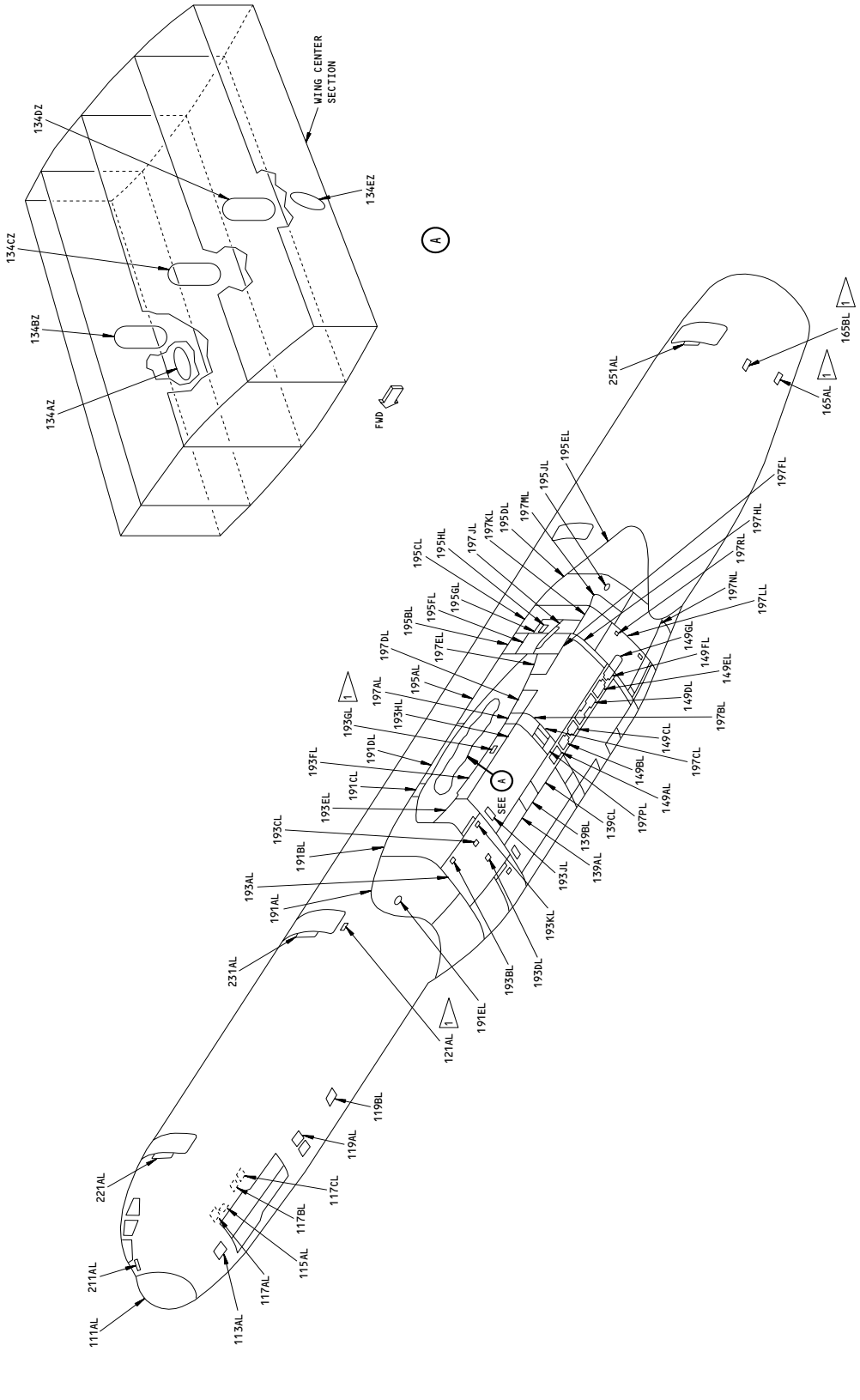



NOTE: WHERE CORROSION PREVENTION MAINTENANCE IS REQUIRED, APPLY MIL-C-11796 CLASS 3 CORROSION PREVENTIVE COMPOUND TO COUNTERSUNK, COUNTERBORED, OR RECESSED FASTENER HOLES IN SUBSTRUCTURE BEFORE INSTALLING ACCESS DOORS OR PANELS. DO NOT USE COMPOUND AS A LUBRICANT OR IN AREAS EXPOSED TO TEMPERATURES ABOVE 130 DEGREES FAHRENHEIT AND/OR SUBJECT TO HYDRAULIC FLUID CONTAMINATION.

1 NOT ON ALL AIRPLANES
2 NOT ON DHI FREIGHTERS
3 LINE NUMBERS 1 THRU 770 ONLY

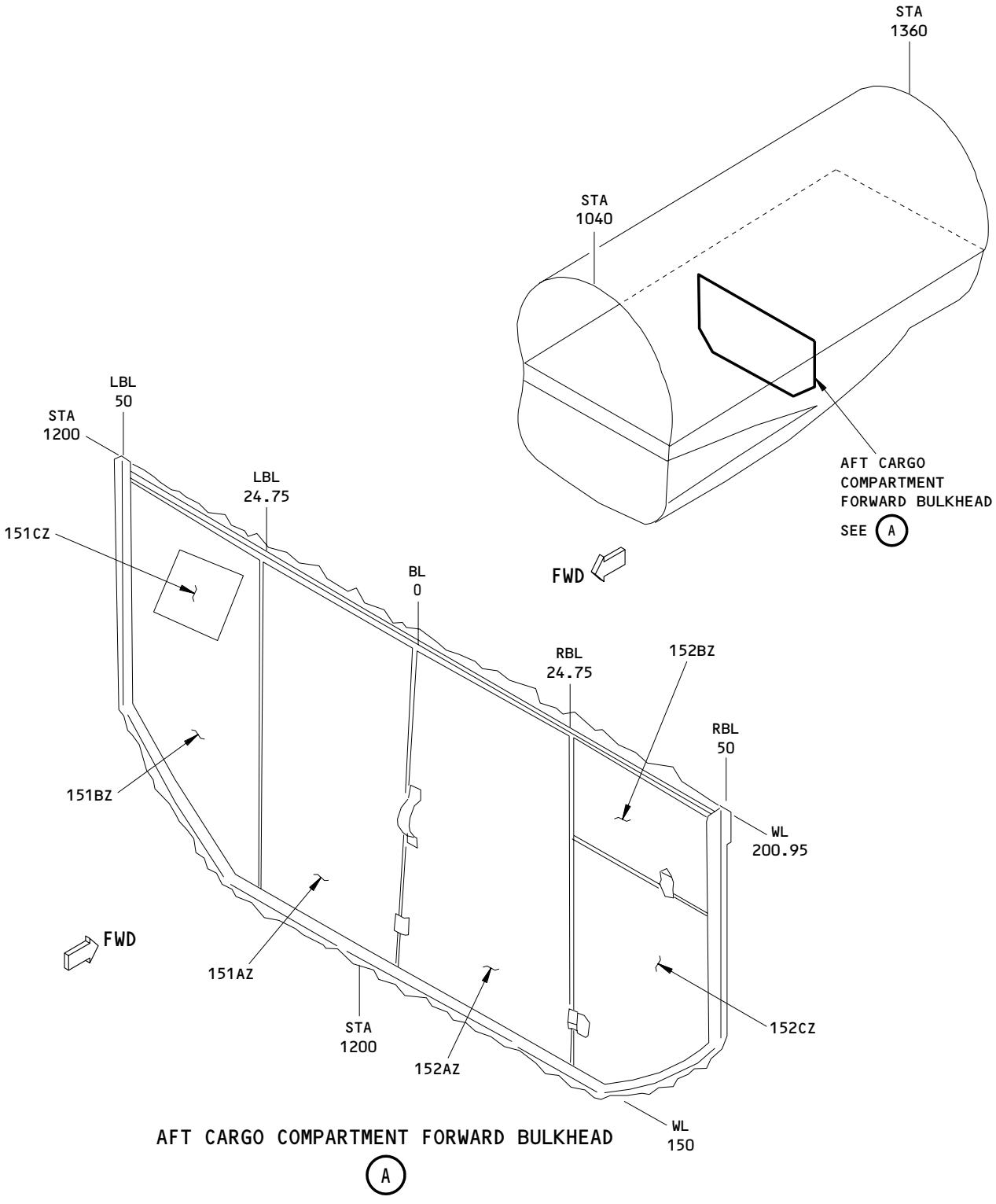
Fuselage (Major Zones 100 and 200) Access Doors and Panels
Figure 201 (Sheet 1)

657191




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

65721



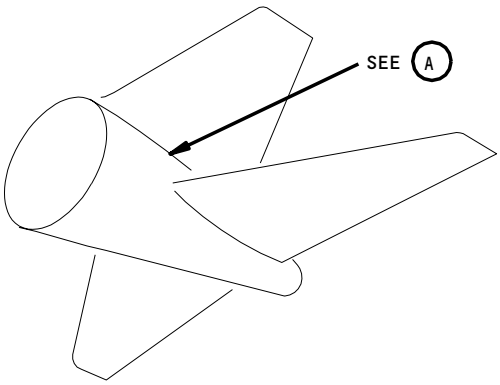

Aft Cargo Compartment Forward Bulkhead
Figure 202

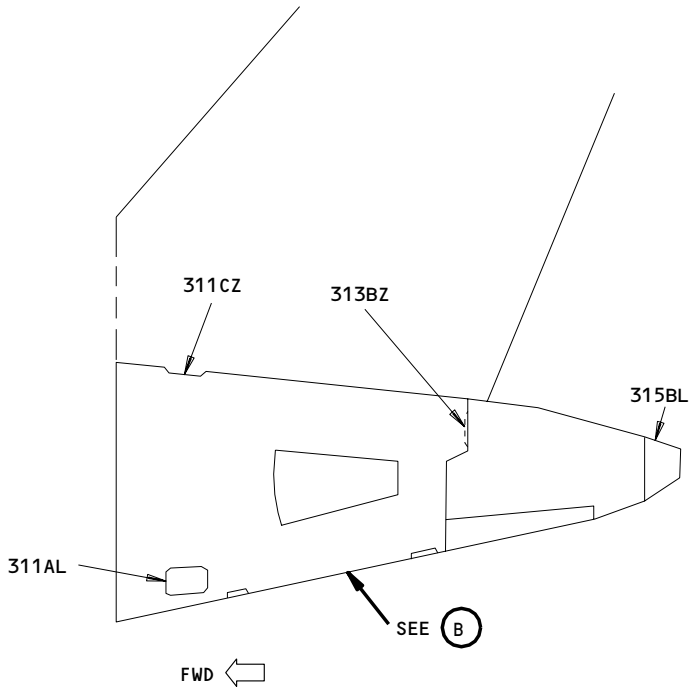
# EMPENNAGE (MAJOR ZONE 300) ACCESS DOORS AND PANELS - MAINTENANCE PRACTICES

1. General
   A. The major Zone 300 contains the fuselage section 48 and the empennage.
   B. The major zone 300 contains the sub-zones. These sub-zones are identified by the first two numbers and 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)
   C. Each sub-zone is divided into zones that are identified by the first two numbers of the sub-zone followed by a number that is not zero.
   D. The access doors and panels in a zone are identified by the zone number followed by two letters or three letters. Each access door or panel has a different identifier.
   E. The top collector drawing for the Fuselage Section 48 access panels is 100N1148.
   F. The top collector drawing for the horizontal stabilizer access panels is 100N1182.
   G. The top collector drawing for the vertical stabilizer access panels is 100N1172.

TASK 06-42-00-222-001

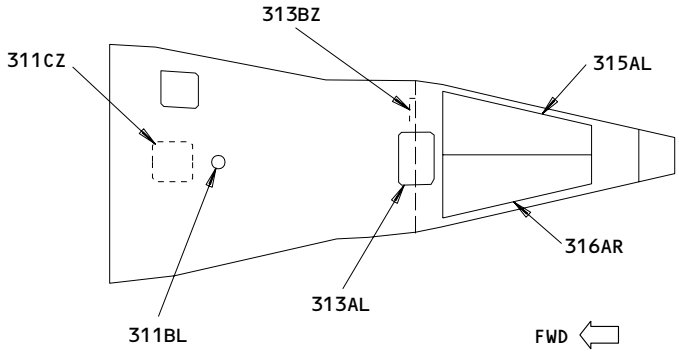
2. Empennage Access Doors and Panels
   A. General
      (1) For the locations of the access doors and panels, refer to Fig. 201.
      (2) To get access to the equipment and components that are behind the access doors and panels, refer to the tables below.




LEFT SIDE VIEW

A




BOTTOM VIEW

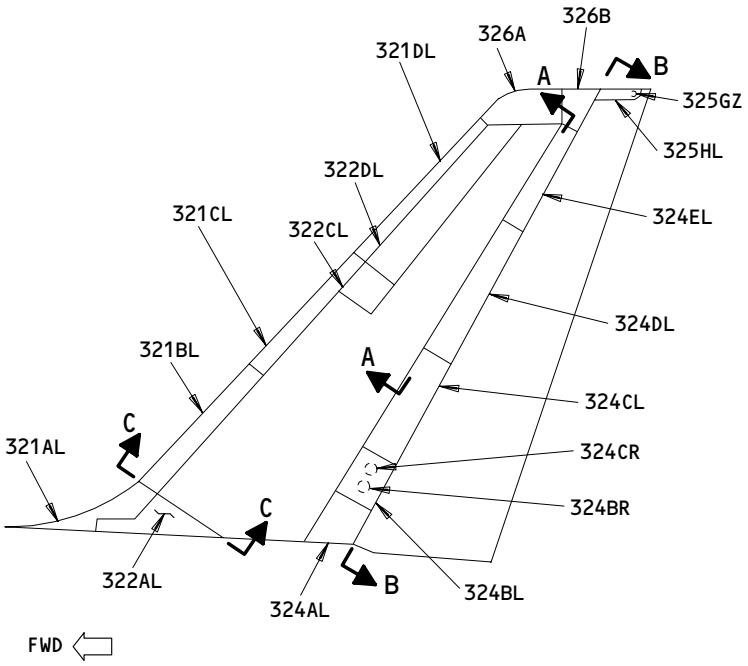
B

NOTE: SEE TABLE I FOR ACCESS INFORMATION.

Sub-Zone 310 Access Doors and Panels
Figure 201

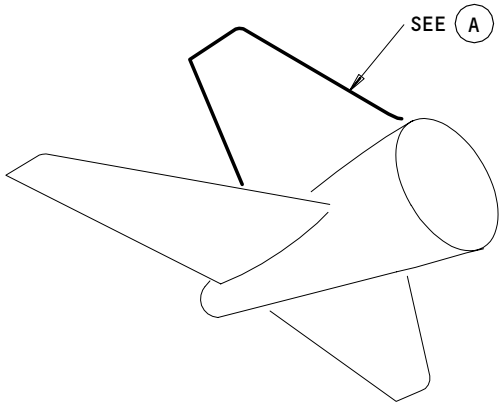
(3) Sub-zone 310 Access Doors and Panels (Fig. 201)

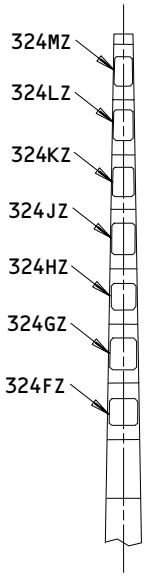
| DOOR OR PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 311AL | | APU Fuel Feed System<br>Shrouded Hose<br>Supports<br>Rudder Hydraulic Fuse<br>Elevator Hydraulic Fuses<br>Tailcone Compartment Lights, Transformers<br>Service Door Installation<br>Stabilizer Trim Control<br>APU Air Supply Duct<br>Control Cables, Pulleys, Brackets, Fairleads<br>Fuselage Drain Installation<br>Tubing |
| 311BL | | Jackscrew Fail Safe Rod |
| 311CZ | | Vertical Stabilizer |
| 313AL | | Elevator Controls<br>Elevator Hydraulic Fuses<br>APU Air Intake System<br>APU Fuel Feed System<br>APU Fire Extinguisher System<br>Tailcone Compartment Lights, Transformers<br>ECS Pneumatic Duct<br>Hydraulic System |
| 313BZ | | APU Plenum |
| 315AL | 316AR | Auxiliary Power Unit |
| 315BL | | APU Exhaust Support |



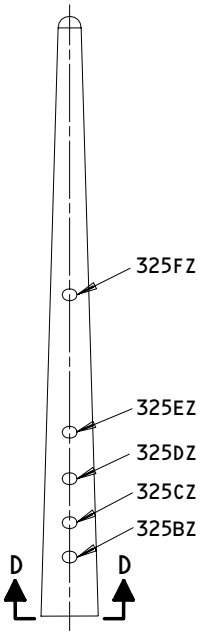

LEFT SIDE VIEW

(A)

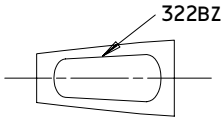


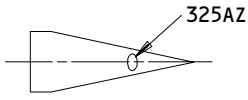

A–A




B–B




C–C



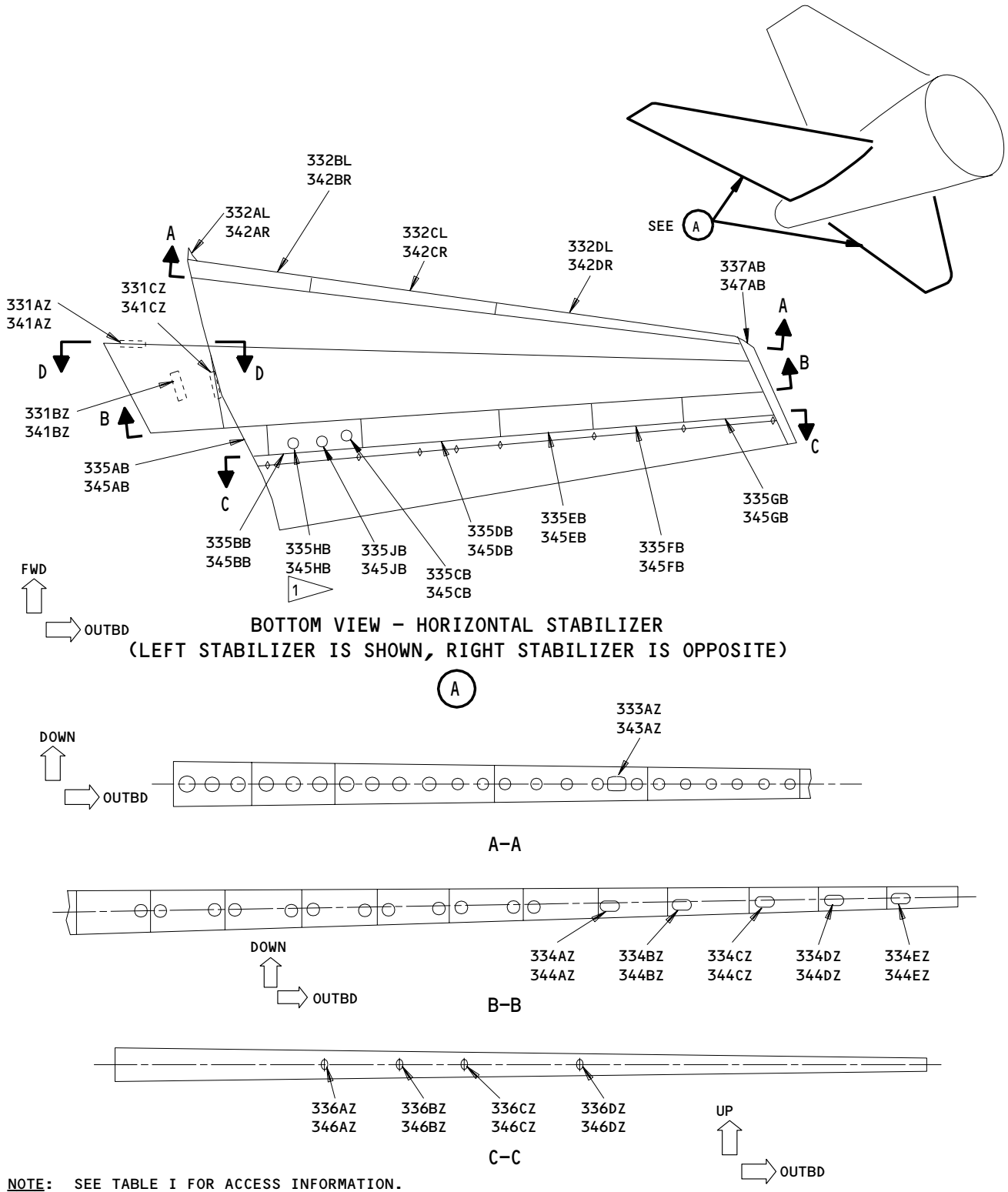

D–D

NOTE: SEE TABLE I FOR ACCESS INFORMATION.

Sub-Zone 320 Access Doors and Panels
Figure 202

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

| DOOR OR PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 321AL | | Auxiliary Spar |
| 321BL | | Auxiliary Spar and HF Antenna |
| 321CL | | Auxiliary Spar |
| 321DL | | Auxiliary Spar |
| 322AL | | Body to Fin Seal |
| 322BZ | | Lower Forward Torque Box |
| 322CL | | HF Antenna System Coupler |
| 322DL | | Front Spar, Auxiliary Spar Structure |
| 324AL | | Body to Fin Seal |
| 324BL | 324BR | Aft Side of Rear Spar and Rudder Hinge |
| 324CL | 324CR | Rudder Hinge and PCU's |
| 324DL | | Aft Side of Rear Spar and Rudder Hinge |
| 324EL | | Aft Side of Rear Spar and Rudder Hinge |
| 324FZ | | Aft Torque Box |
| 324GZ | | Aft Torque Box |
| 324HZ | | Aft Torque Box |
| 324JZ | | Aft Torque Box |
| 324KZ | | Aft Torque Box |
| 324LZ | | Aft Torque Box |
| 324MZ | | Aft Torque Box |
| 325AZ | | Rudder Bay 8 |
| 325BZ | | Rudder Bay 1 |
| 325CZ | | Rudder Bay 2 |
| 325DZ | | Rudder Bay 3 |
| 325EZ | | Rudder Bay 4 |
| 325FZ | | Rudder Bay 5 |
| 325GZ | | Rudder Bay 7 and 12 |
| 325HL | | Tip Area |
| 326A | | Tip - Vertical Stabilizer |
| 326B | | Tip - Vertical Stabilizer |

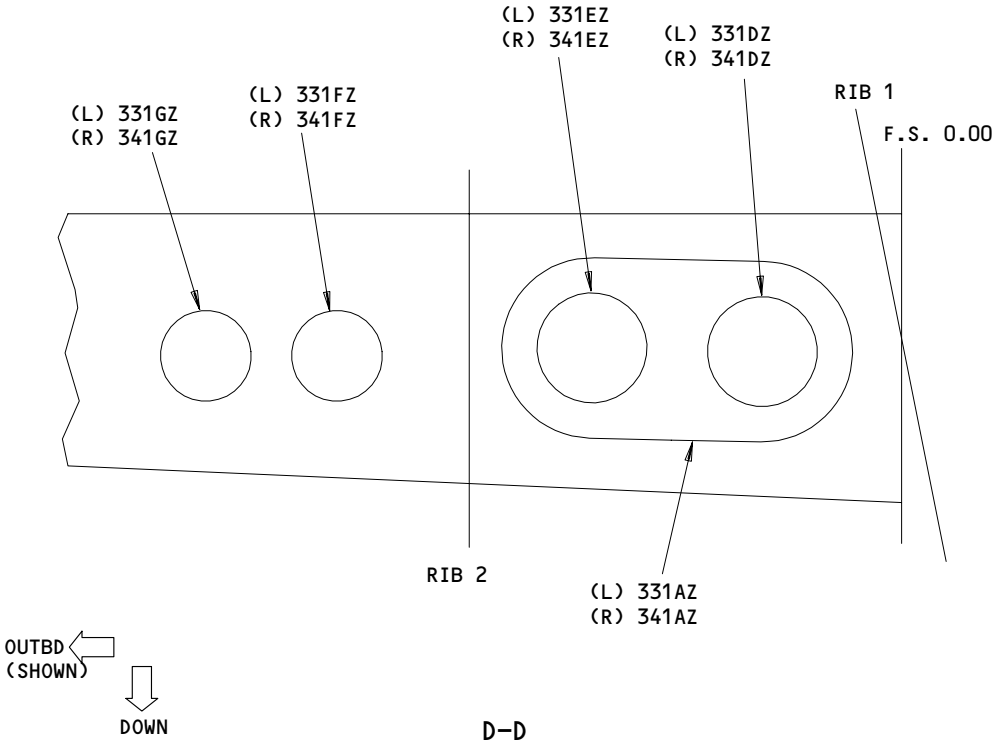



BOTTOM VIEW - HORIZONTAL STABILIZER
(LEFT STABILIZER IS SHOWN, RIGHT STABILIZER IS OPPOSITE)

NOTE: SEE TABLE I FOR ACCESS INFORMATION.

1 NOT ON ALL AIRPLANES

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




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

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

| DOOR OR PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 331AZ | 341AZ | Structural Interior of Horizontal Stabilizer Torque Box |
| 331BZ | 341BZ | Structural Interior of Horizontal Stabilizer Torque Box |
| 331CZ | 341CZ | Structural Interior of Horizontal Stabilizer Torque Box |
| 331DZ | 341DZ | Removable Access Door |
| 331EZ | 341EZ | Removable Access Door |
| 331FZ | 341FZ | Removable Access Door |
| 331GZ | 341GZ | Removable Access Door |
| 332AL | 342AR | Removable Strakelet |
| 332BL | 342BR | Auxiliary Spar |
| 332CL | 342CR | Auxiliary Spar |
| 332DL | 342DR | Auxiliary Spar |
| 333AZ | 343AZ | Hydraulic PCU Line |
| 334AZ | 344AZ | Structural Interior of Horizontal Stabilizer Torque Box |
| 334BZ | 344BZ | Structural Interior of Horizontal Stabilizer Torque Box |
| 334CZ | 344CZ | Structural Interior of Horizontal Stabilizer Torque Box |
| 334DZ | 344DZ | Structural Interior of Horizontal Stabilizer Torque Box |
| 334EZ | 344EZ | Structural Interior of Horizontal Stabilizer Torque Box |
| 335AB | 345AB | Elevator, Control Linkage, Hydraulic and Electrical |
| 335BB | 345BB | Elevator, Control Linkage, Hydraulic and Electrical |
| 335CB | 345CB | Elevator Position Transmitter |
| 335DB | 345DB | Elevator, PCU's and Control Linkage |
| 335EB | 345EB | Outboard Fixed Trailing Edge |
| 335FB | 345FB | Outboard Fixed Trailing Edge |
| 335GB | 345GB | Outboard Fixed Trailing Edge |

| | | |
|---|---|---|
| 335HB | 345HB | Elevator Position Transmitter |
| *[1] | *[1] | |
| 335JB | 345JB | Elevator Position Transmitter |
| *[1] | *[1] | |
| | | |
| | | |
| 336AZ | 346AZ | Elevator Interior |
| 336BZ | 346BZ | Elevator Interior |
| 336CZ | 346CZ | Elevator Interior |
| 336DZ | 346DZ | Elevator Interior |
| 337AB | 347AB | Horiz. Stab. End Tip and Outboard Side of Rib 15 |

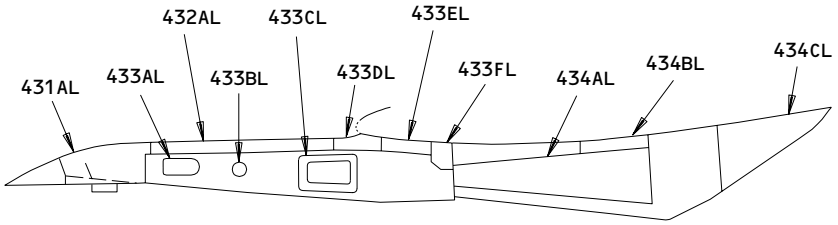
*[1] NOT ON ALL AIRPLANES

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

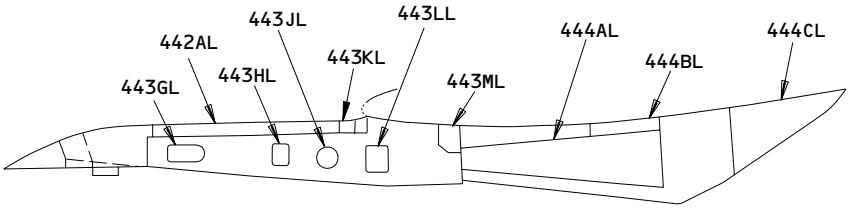
1. General
   A. The major zone 400 contains the power plants and nacelle struts.
   B. The major zone 400 contains the sub-zones. These sub-zones are identified by the first two numbers and followed by a zero as shown below:
      (1) Sub-Zone 410, No. 1 Power Plant (Left Engine)
      (2) Sub-Zone 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)
   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.
   D. The access doors and panels in a zone are identified by the zone number followed by two letters or three letters. Each access door or panel has a different identifier.
   E. The top collector drawing numbers for tne engine access panels are 310N3073 for Pratt-Whitney and 311N5048 for Rolls-Royce.

TASK 06-43-00-222-001

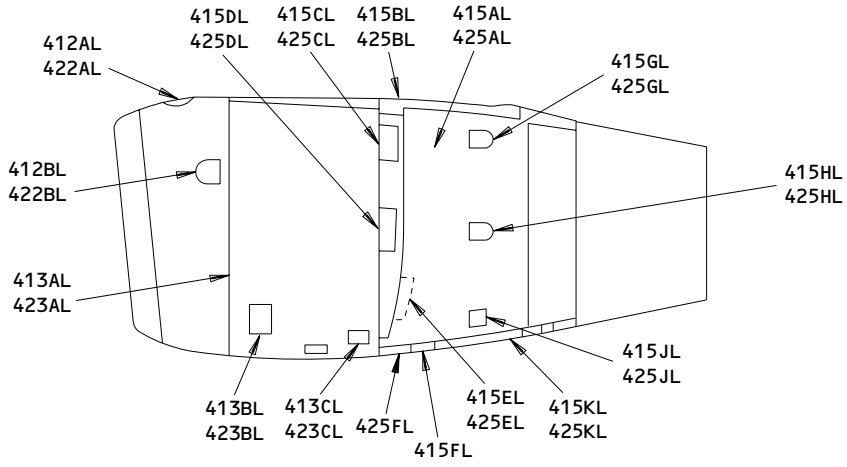
2. Engine and Nacelle Strut Access Doors and Panels
   A. General
      (1) For the locations of the access doors and panels, refer to Fig. 201.
      (2) To get access to the equipment and components that are behind the access doors and panels, refer to the appropriate table.




ENGINE NO. 1 LEFT NACELLE STRUT
LEFT SIDE VIEW

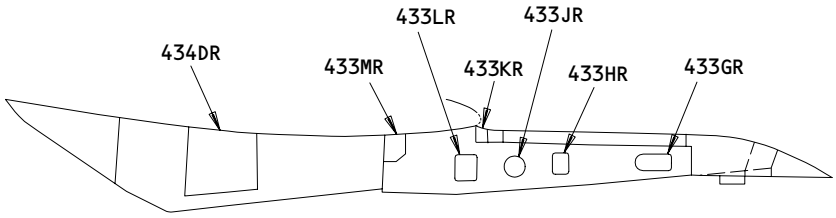



ENGINE NO. 2 RIGHT NACELLE STRUT
LEFT SIDE VIEW

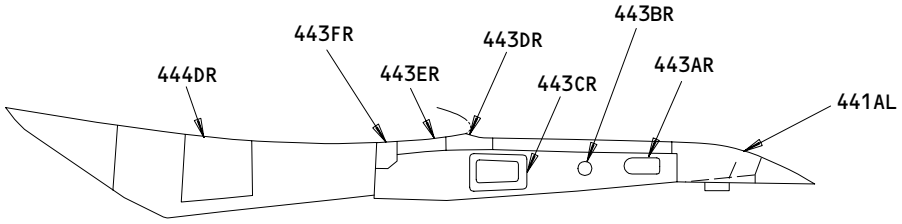



ENGINES NO. 1 LEFT AND NO. 2 RIGHT
RB211-535E4
LEFT SIDE VIEW

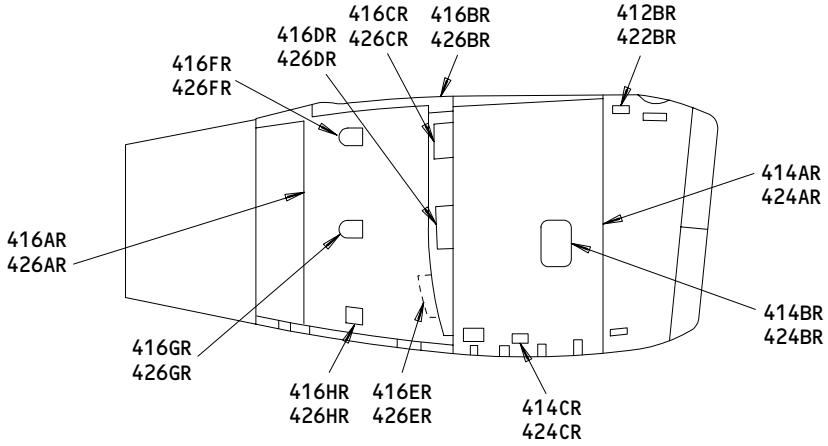
Engine and Nacelle Strut (Major Zone 400)
Access Doors and Panels (Rolls Royce)
Figure 201 (Sheet 1)




ENGINE NO. 1 LEFT NACELLE STRUT
(RIGHT SIDE VIEW)




ENGINE NO. 2 RIGHT NACELLE STRUT
(RIGHT SIDE VIEW)




ENGINES NO. 1 LEFT AND NO. 2 RIGHT
RB211-535E4
(RIGHT SIDE VIEW)

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

Left Engine - No. 1
Table 201

| DOOR OR PANEL IDENTIFICATION NUMBER | | RB211-535E4 ENGINE EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 412AL | | P1 Probe |
| 412BL | | TAI and Pressure Relief |
| | 412BR | P1 Tube Bulkhead Connection |
| 413AL | | Fan Cowl and Fancase |
| 413BL | | Starter Air Valve |
| 413CL | | IDG Oil Fill and Level Indicator |
| | 414AR | Fan Cowl and Fancase |
| | 414BR | Oil Filler and Pressure Relief |
| | 414CR | Master Chip Detector |
| 415AL | | Thrust Reverser Cowl |
| 415BL | | Thrust Reverser Hydraulics and C-Duct Hinge |
| 415CL | | Translating Cowl/Actuator Ram |
| 415DL | | Translating Cowl/Actuator Ram |
| 415EL | | Translating Cowl/Actuator Ram |
| 415FL | | Thrust Reverser Access Panel |
| 415GL | | Translating Cowl/Actuator Ram |
| 415HL | | Translating Cowl/Actuator Ram |
| 415JL | | Translating Cowl/Actuator Ram |
| 415KL | | Thrust Reverser Access Panel |
| | 416AR | Thrust Reverser Cowl |
| | 416BR | Thrust Reverser Hydraulics and C-Duct Hinge |
| | 416CR | Translating Cowl/Actuator Ram |
| | 416DR | Translating Cowl/Actuator Ram |
| | 416ER | Translating Cowl/Actuator Ram |
| | 416FR | Translating Cowl/Actuator Ram |
| | 416GR | Translating Cowl/Actuator Ram |
| | 416HR | Translating Cowl/Actuator Ram |
| 422AL | | P1 Probe |
| 422BL | | TAI and Pressure Relief |
| | 422BR | P1 Tube Bulkhead Connection |
| 423AL | | Fan Cowl and Fancase |
| 423BL | | Starter Air Valve |
| 423CL | | IDG Oil Fill and Level Indicator |
| | 424AR | Fan Cowl and Fancase |
| | 424BR | Oil Filler and Pressure Relief |
| | 424CR | Master Chip Detector |
| 425AL | | Thrust Reverser Cowl |
| 425BL | | Thrust Reverser Hydraulics and C-Duct Hinge |

Left Engine - No. 1
Table 201

| DOOR OR PANEL IDENTIFICATION NUMBER | | RB211-535E4 ENGINE EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 425CL | | Translating Cowl/Actuator Ram |
| 425DL | | Translating Cowl/Actuator Ram |
| 425EL | | Translating Cowl/Actuator Ram |
| 425FL | | Thrust Reverser Access Panel |
| 425GL | | Translating Cowl/Actuator Ram |
| 425HL | | Translating Cowl/Actuator Ram |
| 425JL | | Translating Cowl/Actuator Ram |
| 425KL | | Thrust Reverser Access Panel |
| | 426AR | Thrust Reverser Cowl |
| | 426BR | Thrust Reverser Hydraulics and C-Duct Hinge |
| | 426CR | Translating Cowl/Actuator Ram |
| | 426DR | Translating Cowl/Actuator Ram |
| | 426ER | Translating Cowl/Actuator Ram |
| | 426FR | Translating Cowl/Actuator Ram |
| | 426GR | Translating Cowl/Actuator Ram |
| | 426HR | Translating Cowl/Actuator Ram |

Left Engine - No. 1
Table 202

| DOOR OR PANEL IDENTIFICATION NUMBER | | RB211 ENGINE NACELLE STRUT EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 431AL | | Hydraulics Fuel and Electronics Access |
| 432AL | | Hydraulics Fuel and Electronics Access |
| 433AL | | Nose Cowl Anti-Ice Duct, Starter Duct and Pressure Relief T/R Hydraulic Engine Controls |
| 433BL | | Nose Cowl Anti-Ice Duct and High Pressure Duct Clamp, T/R Hydraulic Engine Controls |
| 433CL | | Pre-Cooler, Thermal Switches, Fire Nozzle |
| 433DL | | Hydraulics, Fuel and Electrical |
| 433EL | | Hydraulics, Fuel and Electrical |
| 433FL | | Outbd Strut-to-Wing Attach Pin |
| | 433GR | Thrust Reverser Access and Pressure Relief Door |
| | 433HR | High Pressure Duct, Intermediate Pressure Check Valve and Thermal Switch |
| | 433JR | Pre-Cooler and Thermal Switch |
| | 433KR | Hydraulics, Fuel and Electrical |
| | 433LR | Pressure Regulating Valve and Pressure Relief |
| | 433MR | Inbd Strut-to-Wing Attach Pin |
| 434AL | | Hydraulics Installation |
| 434BL | | Wing Fuel Tank |
| 434CL | | Hydraulic and Fire Extinguishing Plumbing |
| | 434DR | Wing Fuel Tank |

Right Engine - No. 2
Table 203

| DOOR OR PANEL IDENTIFICATION NUMBER | | RB211-535E4 ENGINE EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 412AL | | P1 Probe |
| 412BL | | TAI and Pressure Relief |
| | 412BR | P1 Tube Bulkhead Connection |
| 413AL | | Fan Cowl and Fancase |
| 413BL | | Starter Air Valve |
| 413CL | | IDG Oil Fill and Level Indicator |
| | 414AR | Fan Cowl and Fancase |
| | 414BR | Oil Filler and Pressure Relief |
| | 414CR | Master Chip Detector |
| 415AL | | Thrust Reverser Cowl |
| 415BL | | Thrust Reverser Hydraulics and C-Duct Hinge |
| 415CL | | Translating Cowl/Actuator Ram |
| 415DL | | Translating Cowl/Actuator Ram |
| 415EL | | Translating Cowl/Actuator Ram |
| 415FL | | Thrust Reverser Access Panel |
| 415GL | | Translating Cowl/Actuator Ram |
| 415HL | | Translating Cowl/Actuator Ram |
| 415JL | | Translating Cowl/Actuator Ram |
| | 416AR | Thrust Reverser Cowl |
| | 416BR | Thrust Reverser Hydraulics and C-Duct Hinge |
| | 416CR | Translating Cowl/Actuator Ram |
| | 416DR | Translating Cowl/Actuator Ram |
| | 416ER | Translating Cowl/Actuator Ram |
| | 416FR | Translating Cowl/Actuator Ram |
| | 416GR | Translating Cowl/Actuator Ram |
| | 416HR | Translating Cowl/Actuator Ram |
| 422AL | | P1 Probe |
| 422BL | | TAI and Pressure Relief |
| | 422BR | P1 Tube Bulkhead Connection |
| 423AL | | Fan Cowl and Fancase |
| 423BL | | Starter Air Valve |
| 423CL | | IDG Oil Fill and Level Indicator |
| | 424AR | Fan Cowl and Fancase |
| | 424BR | Oil Filler and Pressure Relief |
| | 424CR | Master Chip Detector |
| 425AL | | Thrust Reverser Cowl |
| 425BL | | Thrust Reverser Hydraulics and C-Duct Hinge |

Right Engine - No. 2
Table 203

| DOOR OR PANEL IDENTIFICATION NUMBER | | RB211-535E4 ENGINE EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 425CL | | Translating Cowl/Actuator Ram |
| 425DL | | Translating Cowl/Actuator Ram |
| 425EL | | Translating Cowl/Actuator Ram |
| 425FL | | Thrust Reverser Access Panel |
| 425GL | | Translating Cowl/Actuator Ram |
| 425HL | | Translating Cowl/Actuator Ram |
| 425JL | | Translating Cowl/Actuator Ram |
| 425KL | | Thrust Reverser Access Panel |
| | 426AR | Thrust Reverser Cowl |
| | 426BR | Thrust Reverser Hydraulics and C-Duct Hinge |
| | 426CR | Translating Cowl/Actuator Ram |
| | 426DR | Translating Cowl/Actuator Ram |
| | 426ER | Translating Cowl/Actuator Ram |
| | 426FR | Translating Cowl/Actuator Ram |
| | 426GR | Translating Cowl/Actuator Ram |
| | 426HR | Translating Cowl/Actuator Ram |

Right Engine - No. 2
Table 204

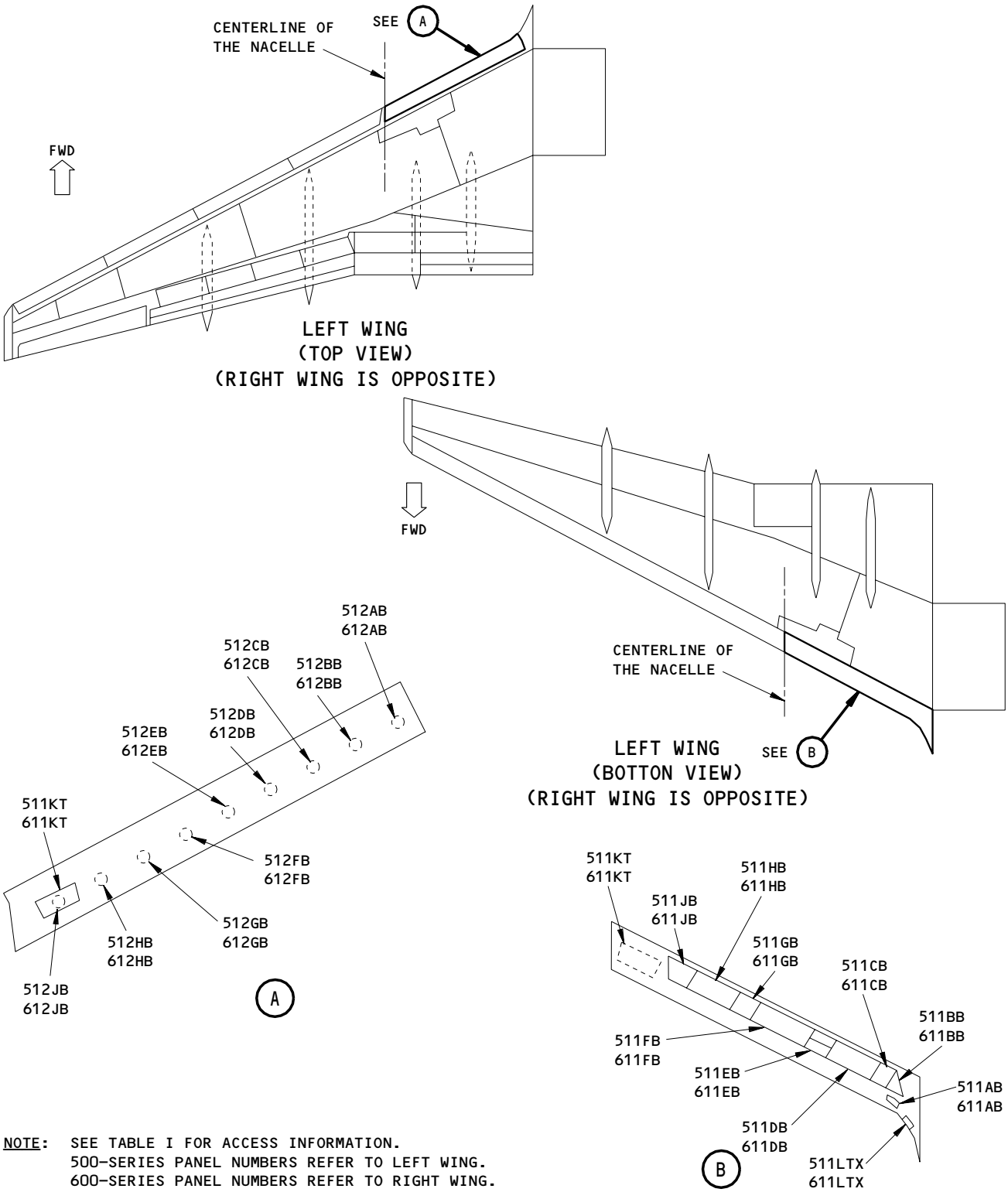
| DOOR OR PANEL IDENTIFICATION NUMBER | | RB211 ENGINE NACELLE STRUT EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 441AL | | Hydraulics, Fuel and Electrical |
| 442AL | | Hydraulics, Fuel and Electronics |
| | 443AR | Nose Cowl Anti-Ice Duct, Starter Duct and Pressure Relief, Thrust Reverser Hydraulics, Engine Controls |
| | 443BR | Nose Cowl Anti-Ice Duct and High Pressure Duct Clamp, Thrust Reverser Hydraulics |
| | 443CR | Pre-Cooler, Thermal Switches, Fire Nozzle |
| | 443DR | Hydraulics, Fuel and Electrical |
| | 443ER | Hydraulics, Fuel and Electrical |
| | 443FR | Outbd Strut-to-Wing Attach Pin |
| 443GL | | Thrust Reverser Access and Pressure Relief Door |
| 443HL | | High Pressure Duct, Intermediate Pressure Check Valve, Thermal Switches |
| 443JL | | Pre-Cooler, Thermal Switch |
| 443KL | | Hydraulics, Fuel and Electrical |
| 443LL | | Pressure Regulating Valve and Pressure Relief |
| 443ML | | Inbd Strut-to-Wing Attach Pin |
| 444AL | | Hydraulic Installations |
| 444BL | | Wing Fuel Tank |
| 444CL | | Hydraulic and Fire Extinguishing Plumbing |
| | 444DR | Hydraulics, Fuel and Electrical |

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

1. General
   A. The major zone 500 has the left wing and the major zone 600 has the right wing.
   B. The major zone 500 and the major zone 600 contain the sub-zones. These sub-zones are identified by the first two numbers and followed by a zero as shown below:
      (1) Sub-zones 510 and 610, Left and Right Leading Edges - Inboard of Nacelle Strut (Fig. 201)
      (2) Sub-zones 520 and 620, Left and Right Leading Edges - Outboard of Nacelle Strut (Fig. 203)
      (3) Sub-zones 530 and 630, Left and Right Wing Inspar Areas - Inboard of Nacelle Strut (Fig. 203)
      (4) Sub-zones 540 and 640, Left and Right Wing Inspar Areas - Outboard of Nacelle Strut (Fig. 204)
      (5) Sub-zones 550 and 650, Left and Right Wing Trailing Edges - Inboard of Spoiler No. 4 (Fig. 205)
      (6) Sub-zones 560 and 570, Left and Right Wing Trailing Edges - Outboard of Spoiler No. 5 (Fig. 206)
      (7) Sub-zones 570 and 670, Left and Right Wing Flap Track Fairings (Fig. 207)
   C. Each sub-zone is divided into zones that are identified by the first two numbers of the sub-zone followed by number that is not zero.
   D. The access doors and panels in a zone are identified by the zone number followed by two letters or three letters. Each access door or panel has a different identifier.
   E. The top collector drawing for the wing access panels is 10ON1111.

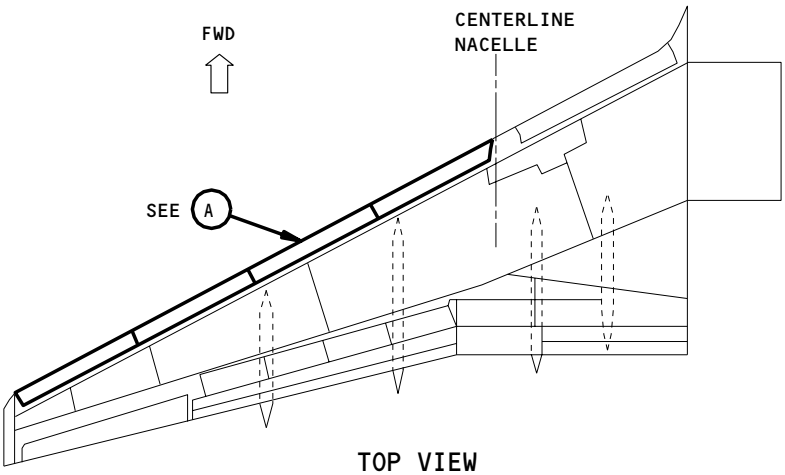
TASK 06-44-00-222-001

2. Wings Access Doors and Panels
   A. General
      (1) For the locations of access doors and panels, refer to Fig. 201.
      (2) To get access to the equipment and components that are behind the access doors and panels, refer to the subsequent tables.

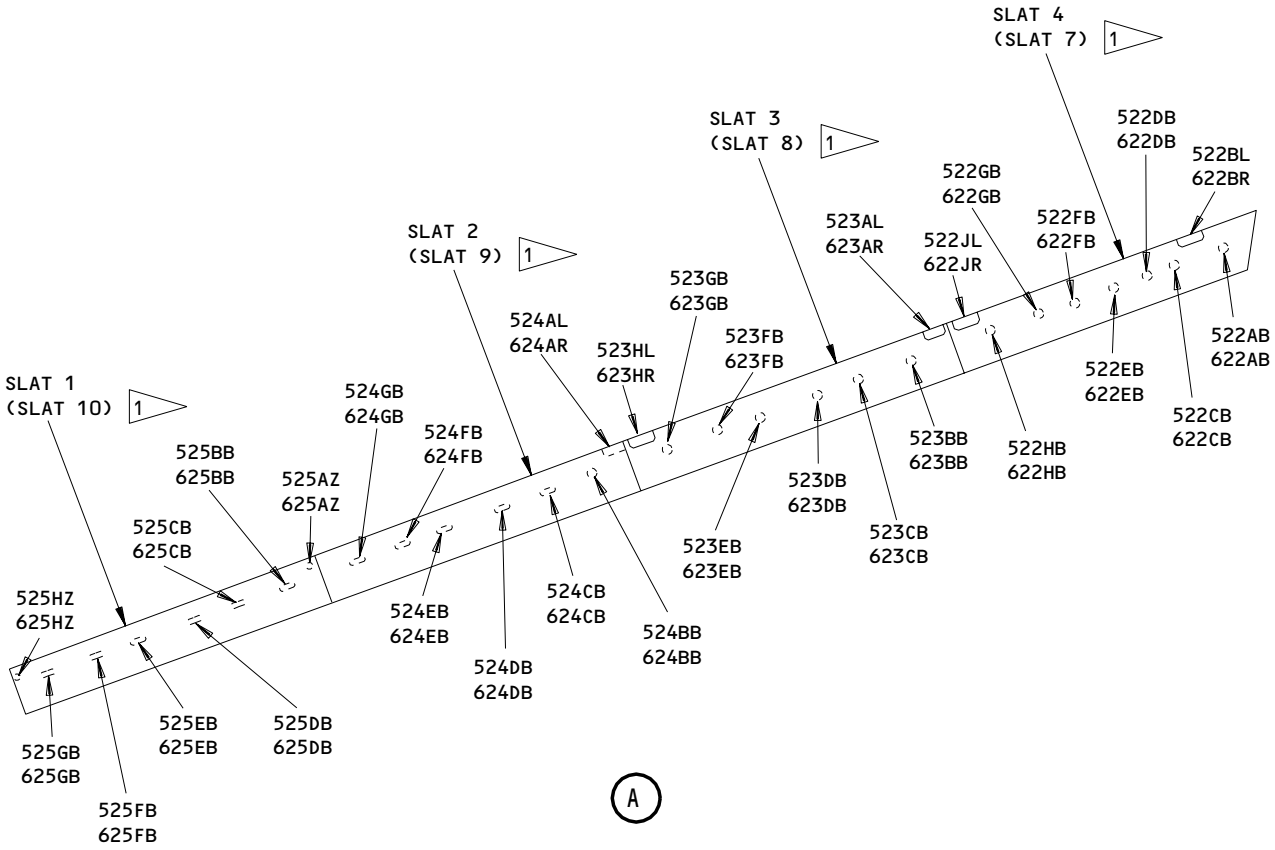



NOTE: SEE TABLE I FOR ACCESS INFORMATION.
500-SERIES PANEL NUMBERS REFER TO LEFT WING.
600-SERIES PANEL NUMBERS REFER TO RIGHT WING.

Wing Leading Edge Access Panels
Figure 201



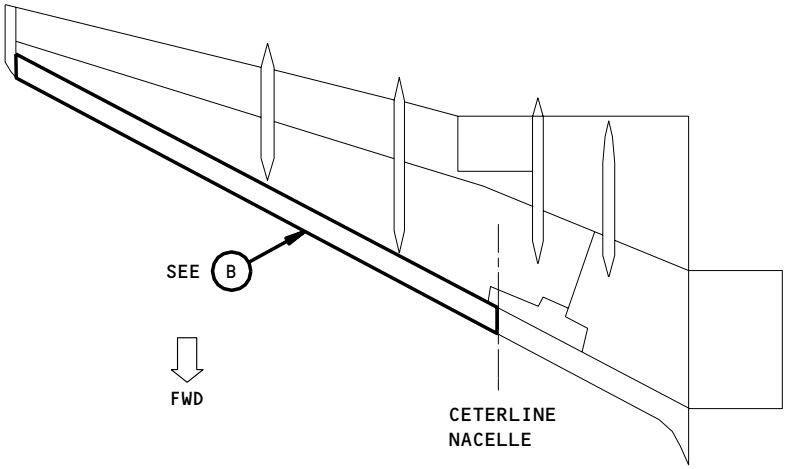

TOP VIEW
(LEFT WING IS SHOWN, RIGHT WING IS OPPOSITE)



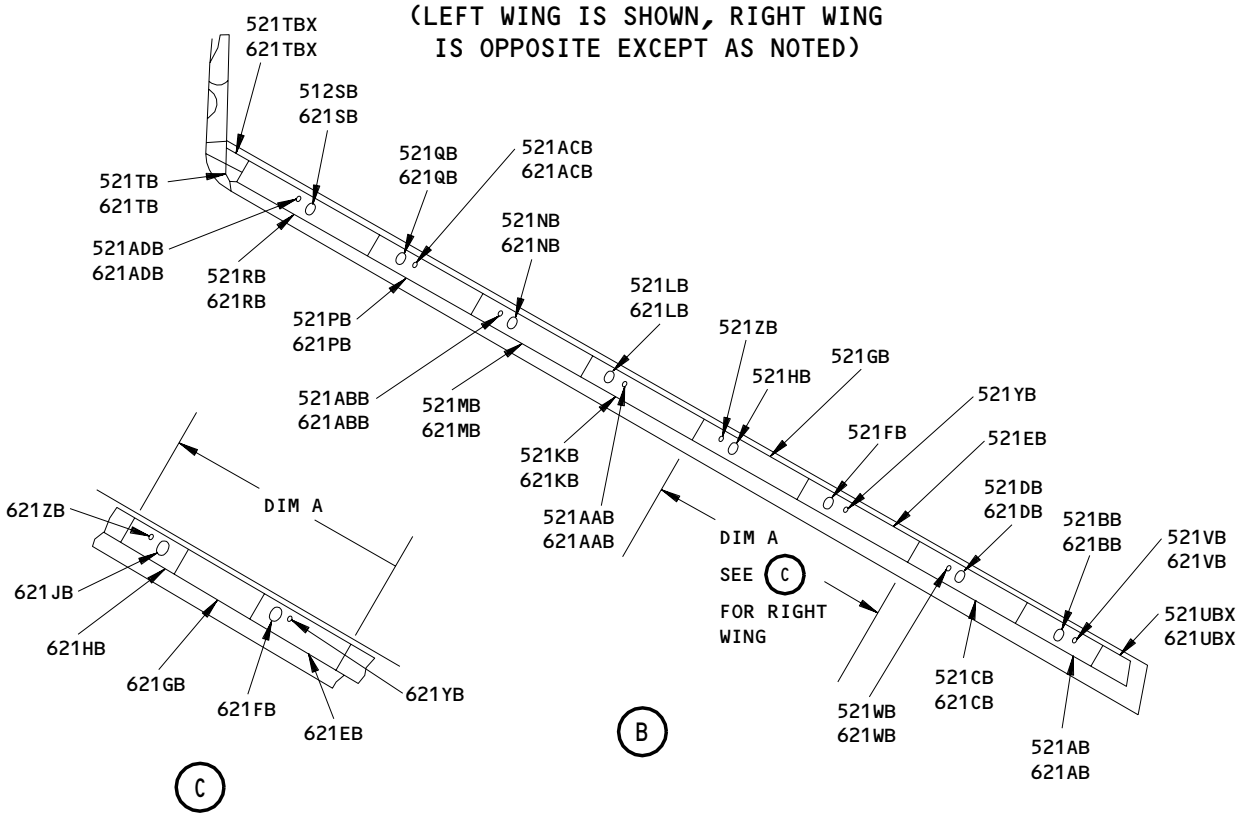

NOTE: SEE TABLE II FOR ACCESS INFORMATION.
500-SERIES PANEL NUMBERS REFER TO LEFT WING.
600-SERIES PANEL NUMBERS REFER TO RIGHT WING.

1 RIGHT WING

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

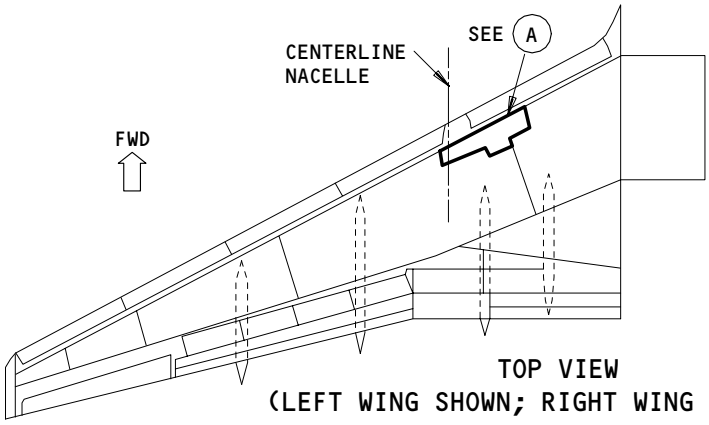



BOTTOM VIEW
(LEFT WING IS SHOWN, RIGHT WING
IS OPOSITE EXCEPT AS NOTED)

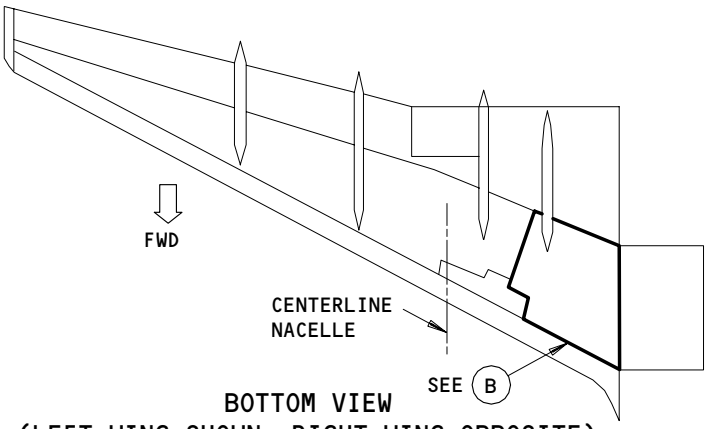



NOTE: SEE TABLE II FOR ACCESS INFORMATION.
500-SERIES PANEL NUMBERS REFER TO LEFT WING.
600-SERIES PANEL NUMBERS REFER TO RIGHT WING.

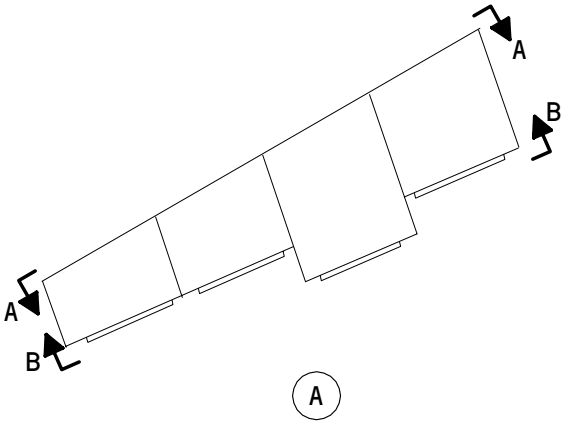
Sub-Zones 520 and 620 Access Doors and Panels
Figure 202 (Sheet 2)

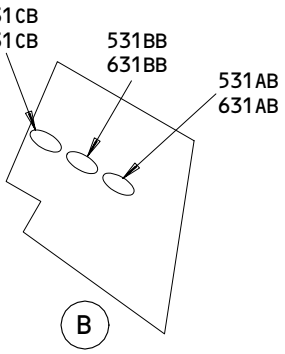


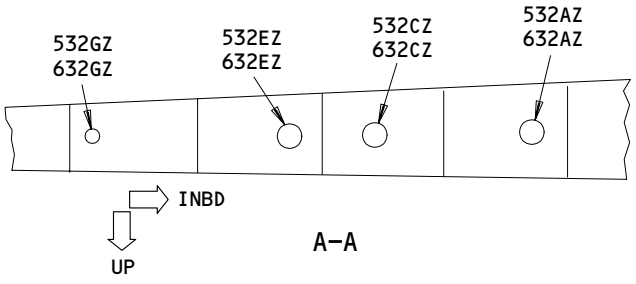

TOP VIEW
(LEFT WING SHOWN; RIGHT WING OPPOSITE)



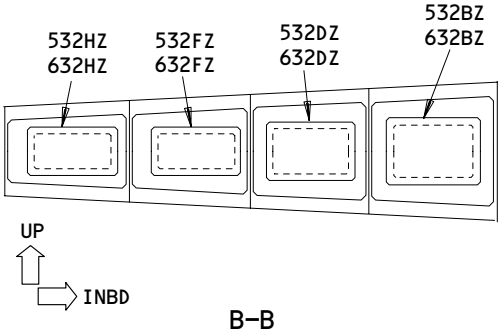

BOTTOM VIEW
(LEFT WING SHOWN; RIGHT WING OPPOSITE)



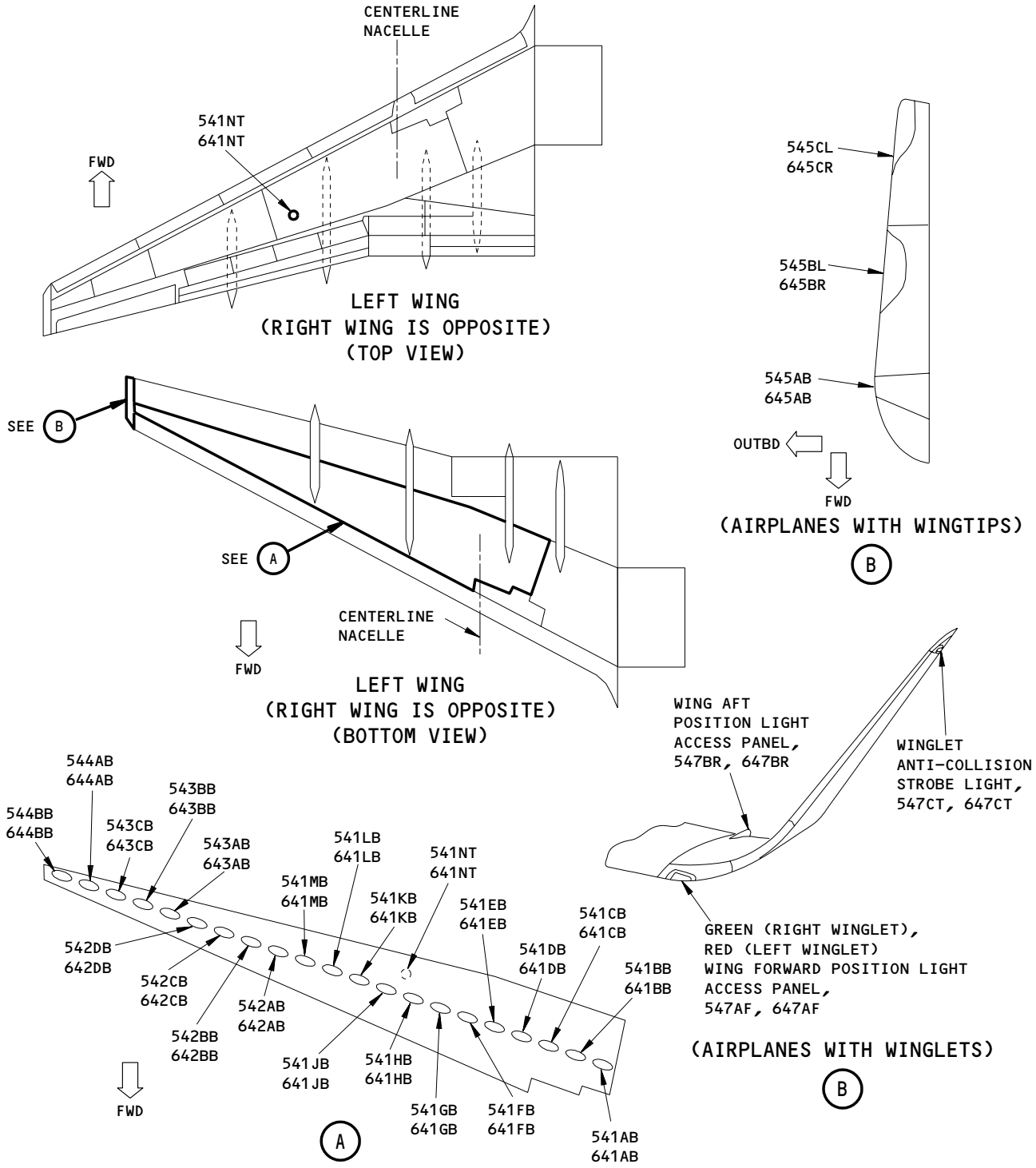

A–A




B–B

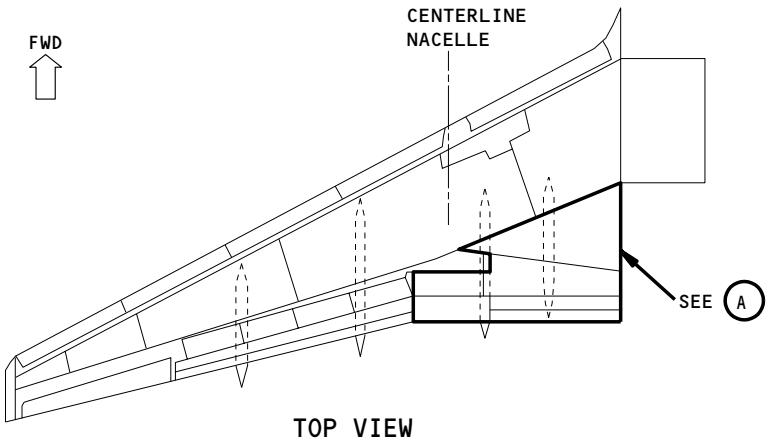
NOTE: SEE TABLE III FOR ACCESS INFORMATION.
500-SERIES PANEL NUMBERS REFER TO LEFT WING.
600-SERIES PANEL NUMBERS REFER TO RIGHT WING.

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

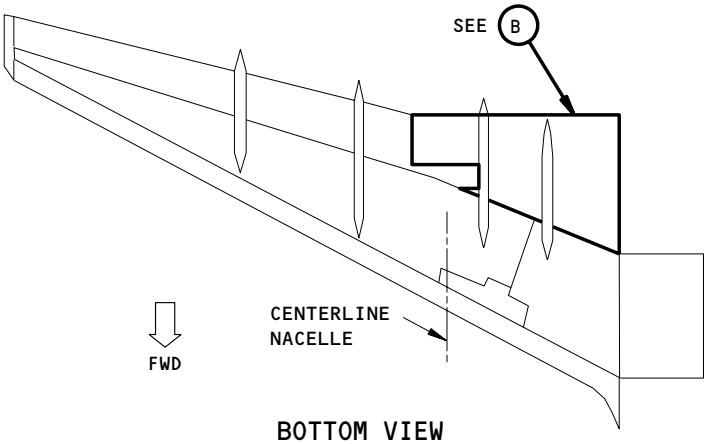



NOTE: SEE TABLE IV FOR ACCESS INFORMATION.
500-SERIES PANEL NUMBERS REFER TO LEFT WING.
600-SERIES PANEL NUMBERS REFER TO RIGHT WING.

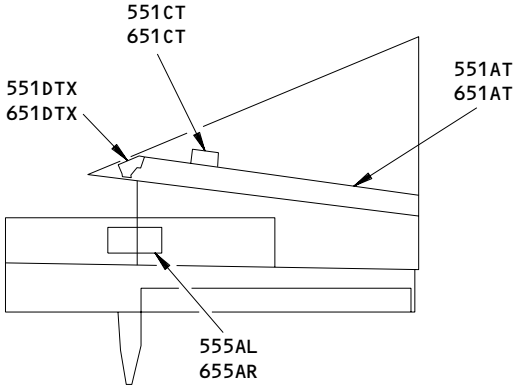
Sub-Zones 540 and 640 Access Doors and Panels
Figure 204



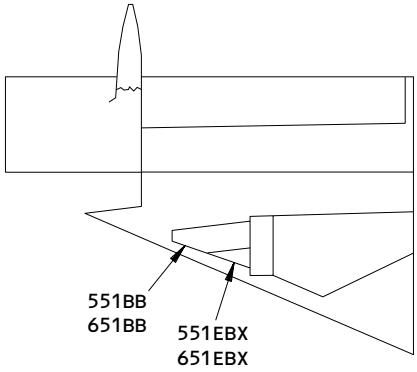

TOP VIEW
(LEFT WING SHOWN, RIGHT WING OPPOSITE)




BOTTOM VIEW
(LEFT WING SHOWN, RIGHT WING OPPOSITE)



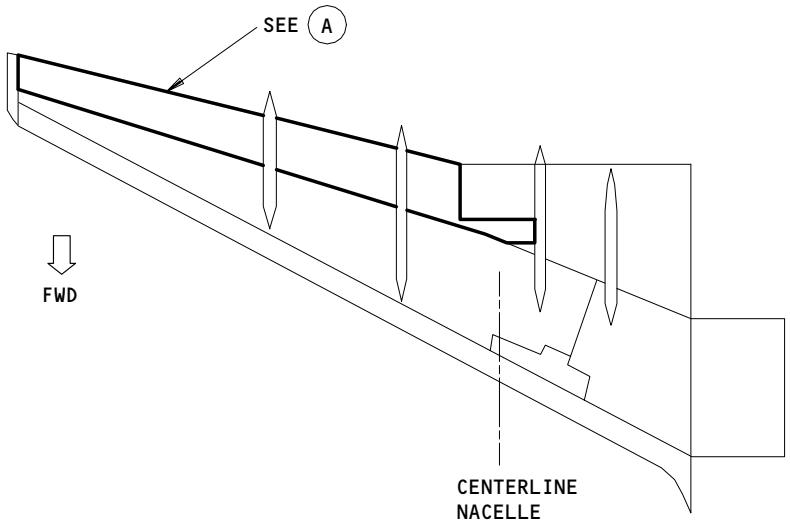

A



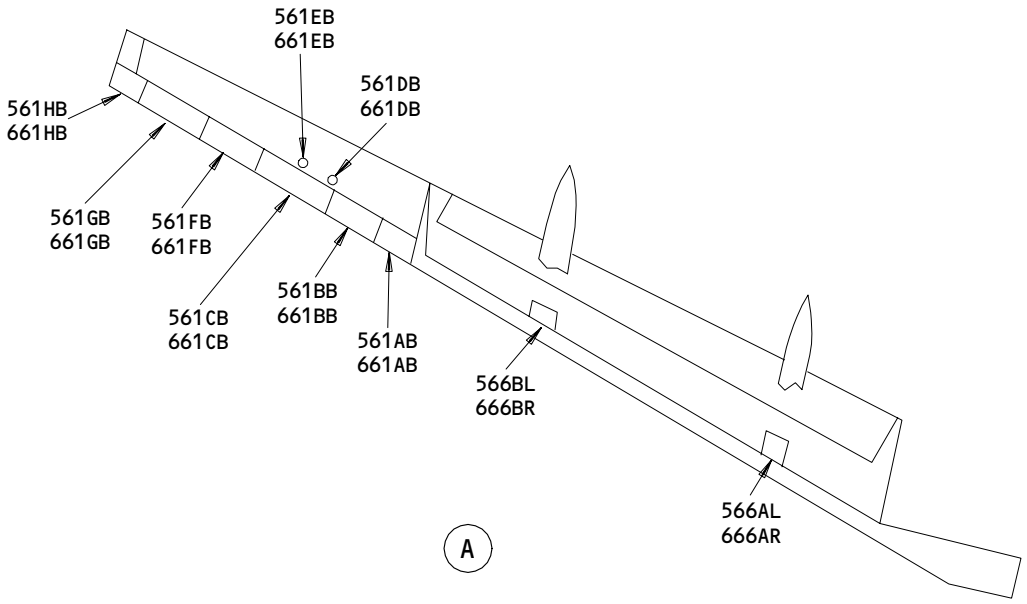

B

NOTE: SEE TABLE V 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

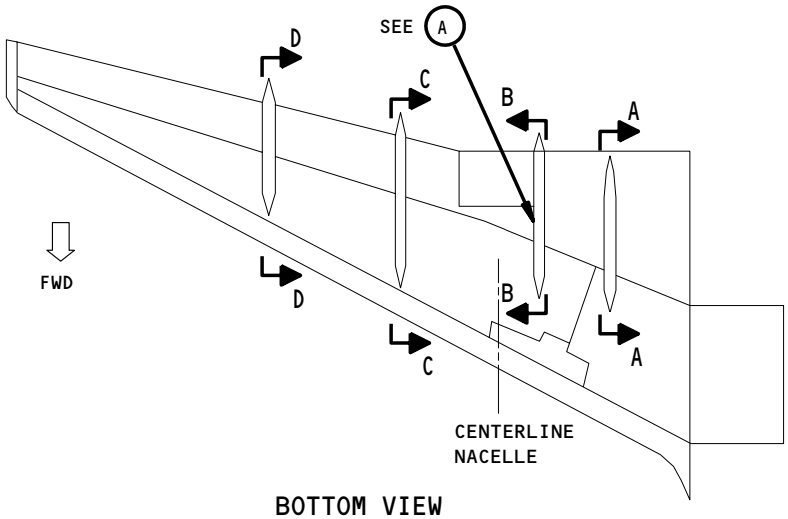



BOTTOM VIEW
(LEFT WING SHOWN; RIGHT WING OPPOSITE)

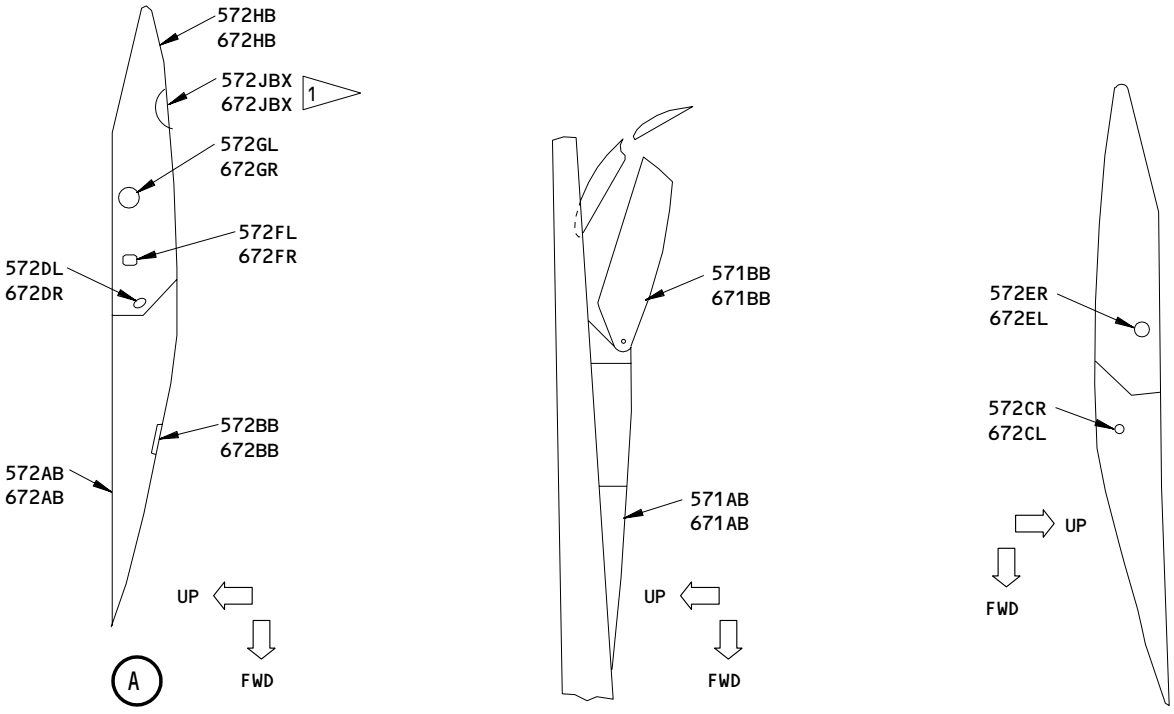



NOTE: SEE TABLE VI FOR ACCESS INFORMATION.
500-SERIES PANEL NUMBERS REFER TO LEFT WING.
600-SERIES PANEL NUMBERS REFER TO RIGHT WING.

Sub-Zones 560 and 660 Access Doors and Panels
Figure 206




BOTTOM VIEW
(LEFT WING SHOWN; RIGHT WING OPPOSITE)

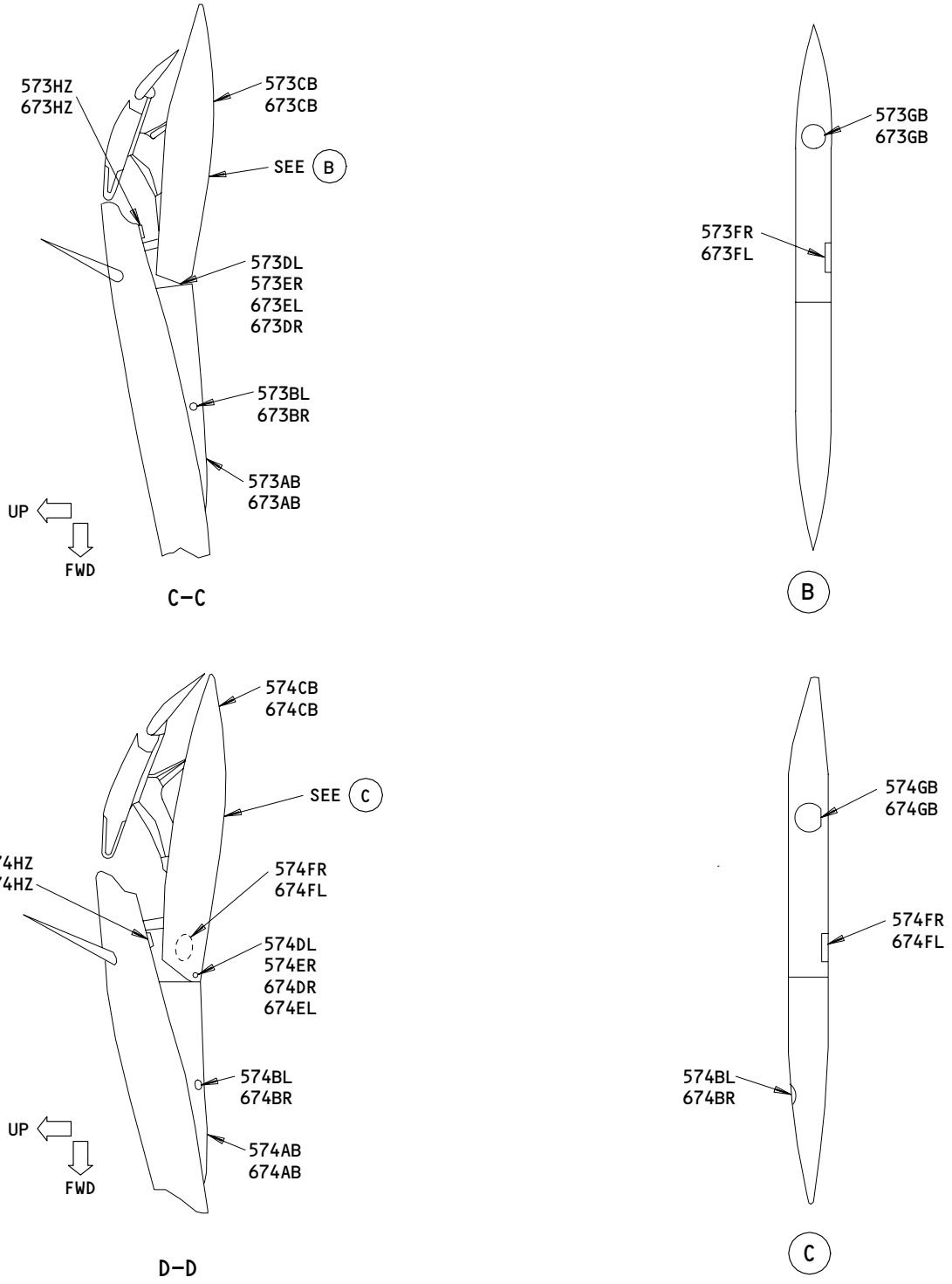



A–A B–B

NOTE: SEE TABLE VII FOR ACCESS INFORMATION.
500–SERIES PANEL NUMBERS REFER TO LEFT WING.
600–SERIES PANEL NUMBERS REFER TO RIGHT WING.

1 NOT ON ALL AIRPLANES

Sub–Zones 570 and 670 Access Doors and Panels
Figure 207 (Sheet 1)




NOTE: SEE TABLE VII 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 (Sheet 2)

(3) Major Sub-Zones 510 and 610 Access Doors and Panels (Fig. 201)

| DOOR OR PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 511AB | 611AB | Landing Light |
| 511BB | 611BB | Mechanical Systems |
| 511CB | 611CB | Power Drive Unit and Hydraulics |
| 511DB | 611DB | Main and Auxiliary Track Roller Lubrication |
| 511EB | 611EB | Environmental Control Systems Duct, Electrical and Mechanical Systems |
| 511FB | 611FB | Main and Auxiliary Track Roller Lubrication |
| 511GB | 611GB | Environmental Control Systems Duct, Electrical and Mechanical Systems |
| 511HB | 611HB | Main and Auxiliary Track Roller Lubrication |
| 511JB | 611JB | Environmental Control Systems Duct, Electrical and Mechanical Systems |
| 511KT | 611KT | Environmental Control Systems Duct, Electrical and Mechanical Systems |
| 511LTX | 611LTX | Landing Light |
| 512AB | 612AB | Slat Interior - No. 5 Slat (LH), No. 6 Slat (RH) |
| 512BB | 612BB | Slat Interior - No. 5 Slat (LH), No. 6 Slat (RH) |
| 512CB | 612CB | Slat Interior - No. 5 Slat (LH), No. 6 Slat (RH) |
| 512DB | 612DB | Slat Interior - No. 5 Slat (LH), No. 6 Slat (RH) |
| 512EB | 612EB | Slat Interior - No. 5 Slat (LH), No. 6 Slat (RH) |
| 512FB | 612FB | Slat Interior - No. 5 Slat (LH), No. 6 Slat (RH) |
| 512GB | 612GB | Slat Interior - No. 5 Slat (LH), No. 6 Slat (RH) |
| 512HB | 612HB | Slat Interior - No. 5 Slat (LH), No. 6 Slat (RH) |
| 512JB | 612JB | Slat Interior - No. 5 Slat (LH), No. 6 Slat (RH) |

(4) Major Sub-Zones 520 and 620 Access Doors and Panels (Fig. 202)

| DOOR OR PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 521AB | 621AB | TAI System LE Slat Drive Mechanism, Tracks, Rollers |
| 521BB | 621BB | LE Slat Drive Mechanism Lubrication |
| 521CB | 621CB | LE Slat Drive Mechanism, Tracks, Rollers |
| 521DB | 621DB | LE Slat Drive Mechanism Lubrication |
| 521EB | 621EB | LE Slat Drive Mechanism, Tracks, Rollers |
| 521FB | 621FB | LE Slat Drive Mechanism Lubrication |
| 521GB | | LE Slat Drive Mechanism, Tracks, Rollers |
| | 621GB | Fueling Panel, Adapter |
| 521HB | | LE Slat Drive Mechanism Lubrication |
| | 621HB | LE SLat Drive Mechanism, Tracks, Rollers |
| | 621JB | LE Slat Drive Mechanism Lubrication |
| 521KB | 621KB | LE Slat Drive Mechanism, Tracks, Rollers |
| 521LB | 621LB | LE Slat Drive Mechanism Lubrication |
| 521MB | 621MB | LE Slat Drive Mechanism, Tracks, Rollers |
| 521NB | 621NB | LE Slat Drive Mechanism Lubrication |
| 521PB | 621PB | LE Slat Drive Mechanism, Tracks, Rollers |
| 521QB | 621QB | LE Slat Drive Mechanism Lubrication |
| 521RB | 621RB | LE Slat Drive Mechanism, Tracks, Rollers |
| 521SB | 621SB | LE Slat Drive Mechanism Lubrication |
| 521TB | 621TB | LE Access |
| 521TBX | 621TBX | Wing Position Light Transformer Access |
| 521UBX | 621UBX | Nacelle Strut Upper Link Attach Fitting |
| 521VB | 621VB | Rotary Actuator Torque Brake Tip Indicators |
| 521WB | 621WB | Rotary Actuator Torque Brake Tip Indicators |
| 521YB | 621YB | Rotary Actuator Torque Brake Tip Indicators |
| 521ZB | 621ZB | Rotary Actuator Torque Brake Tip Indicators |
| 521AAB | 621AAB | Rotary Actuator Torque Brake Tip Indicators |
| 521ABB | 621ABB | Rotary Actuator Torque Brake Tip Indicators |
| 521ACB | 621ACB | Rotary Actuator Torque Brake Tip Indicators |
| 521ADB | 621ADB | Rotary Actuator Torque Brake Tip Indicators |
| | | |
| 522AB | 622AB | Slat Interior - No. 4 Slat (LH), No. 7 Slat (RH) |
| 522BL | 622BR | Thermal Anti-Icing Duct |
| 522CB | 622CB | Slat Interior - No. 4 Slat (LH), No. 7 Slat (RH) |
| 522DB | 622DB | Slat Interior - No. 4 Slat (LH), No. 7 Slat (RH) |
| 522EB | 622EB | Slat Interior - No. 4 Slat (LH), No. 7 Slat (RH) |
| 522FB | 622FB | Slat Interior - No. 4 Slat (LH), No. 7 Slat (RH) |
| 522GB | 622GB | Slat Interior - No. 4 Slat (LH), No. 7 Slat (RH) |
| 522HB | 622HB | Slat Interior - No. 4 Slat (LH), No. 7 Slat (RH) |
| 522JL | 622JR | Thermal Anti-Icing Duct |

| DOOR OR PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 523AL | 623AR | Thermal Anti-Icing Duct Access |
| 523BB | 623BB | Slat Interior - No. 3 Slat (LH), No. 8 Slat (RH) |
| 523CB | 623CB | Slat Interior - No. 3 Slat (LH), No. 8 Slat (RH) |
| 523DB | 623DB | Slat Interior - No. 3 Slat (LH), No. 8 Slat (RH) |
| 523EB | 623EB | Slat Interior - No. 3 Slat (LH), No. 8 Slat (RH) |
| 523FB | 623FB | Slat Interior - No. 3 Slat (LH), No. 8 Slat (RH) |
| 523GB | 623GB | Slat Interior - No. 3 Slat (LH), No. 8 Slat (RH) |
| 523HL | 623HR | Thermal Anti-Icing Duct |
| 524AL | 624AR | Thermal Anti-Icing Duct |
| 524BB | 624BB | Slat Interior - No. 2 Slat (LH), No. 9 Slat (RH) |
| 524CB | 624CB | Slat Interior - No. 2 Slat (LH), No. 9 Slat (RH) |
| 524DB | 624DB | Slat Interior - No. 2 Slat (LH), No. 9 Slat (RH) |
| 524EB | 624EB | Slat Interior - No. 2 Slat (LH), No. 9 Slat (RH) |
| 524FB | 624FB | Slat Interior - No. 2 Slat (LH), No. 9 Slat (RH) |
| 524GB | 624GB | Slat Interior - No. 2 Slat (LH), No. 9 Slat (RH) |
| 525AZ | 625AZ | Inspection Hole |
| 525BB | 625BB | Slat Interior - No. 1 Slat (LH), No. 10 Slat (RH) |
| 525CB | 625CB | Slat Interior - No. 1 Slat (LH), No. 10 Slat (RH) |
| 525DB | 625DB | Slat Interior - No. 1 Slat (LH), No. 10 Slat (RH) |
| 525EB | 625EB | Slat Interior - No. 1 Slat (LH), No. 10 Slat (RH) |
| 525FB | 625FB | Slat Interior - No. 1 Slat (LH), No. 10 Slat (RH) |
| 525GB | 625GB | Slat Interior - No. 1 Slat (LH), No. 10 Slat (RH) |
| 525HZ | 625HZ | Slat Interior - No. 1 Slat (LH), No. 10 Slat (RH) |

(5) Major Sub-Zones 530 and 630 Access Doors and Panels (Fig. 203)

| DOOR OR PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 531AB | 631AB | Center Wing Tank |
| 531BB | 631BB | Center Wing Tank |
| 531CB | 631CB | Center Wing Tank Fuel Measuring Stick |
| 532AZ | 632AZ | Dry Bay |
| 532BZ | 632BZ | Dry Bay |
| 532CZ | 632CZ | Dry Bay |
| 532DZ | 632DZ | Dry Bay |
| 532EZ | 632EZ | Dry Bay |
| 532FZ | 632FZ | Dry Bay |
| 532GZ | 632GZ | Dry Bay |
| 532HZ | 632HZ | Dry Bay |

(6) Major Sub-Zones 540 and 640 Access Doors and Panels (Fig. 204)

| DOOR OR PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 541AB | 641AB | Main Tank Fuel Measuring Stick |
| 541BB | 641BB | Main Tank |
| 541CB | 641CB | Main Tank |
| 541DB | 641DB | Main Tank |
| 541EB | 641EB | Main Tank Fuel Measuring Stick |
| 541FB | 641FB | Main Tank |
| 541GB | 641GB | Main Tank |
| 541HB | 641HB | Main Tank |
| 541JB | 641JB | Main Tank Fuel Measuring Stick |
| 541KB | 641KB | Main Tank |
| 541LB | 641LB | Main Tank |
| 541MB | 641MB | Main Tank Fuel Measuring Stick |
| 541NT | 641NT | Overwing Refueling Cap |
| 542AB | 642AB | Main Tank |
| 542BB | 642BB | Main Tank Fuel Measuring Stick |
| 542CB | 642CB | Main Tank |
| 542DB | 642DB | Main Tank |
| 543AB | 643AB | Main Tank Pressure Relief |
| 543BB | 643BB | Surge Tank Vent Scoop |
| 543CB | 643CB | Surge Tank Vent Scoop |
| 544AB | 644AB | Dry Bay |
| 544BB | 644BB | Wing Tip Power Supply |
| 545AB | 645AB | Wing Tip - Fwd Navigation Light |
| 545BL | 645BR | Wing Tip - Strobe Light |
| 545CL | 645CR | Wing Tip - Aft Navigation Light |

(7) Major Sub-Zones 550 and 650 Access Doors and Panels (Fig. 205)

| DOOR OR PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 551AT | 651AT | Landing Gear Beam |
| 551BB | 651BB | Landing Gear Actuator, Inboard Trailing Edge |
| 551CT | 651CT | Landing Gear Actuator Pin |
| 551DTX | 651DTX | Outboard Main Landing Gear Beam Support Structure |
| 551EBX | 651EBX | Fuel Shutoff Valve |
| 555AL | 655AR | Inspection Panel No. 3 Carriage Fwd Attachment |

(8) Major Sub-Zones 560 and 660 Access Doors and Panels (Fig. 206)

| DOOR OR PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 561AB | 661AB | Aileron Quadrant |
| 561BB | 661BB | Aileron Hinge |
| 561CB | 661CB | Aileron Power Limit |
| 561DB | 661DB | Aileron Actuator |
| 561EB | 661EB | Aileron Actuator |
| 561FB | 661FB | Aileron Hinge |
| 561GB | 661GB | Aileron Hinge |
| 561HB | 661HB | Aileron Hinge |
| 566AL | 666AR | Inspection Panel No. 2 Carriage Fwd Attachment |
| 566BL | 666BR | Inspection Panel No. 1 Carriage Fwd Attachment |

(9) Major Sub-Zones 570 and 670 Access Doors and Panels (Fig. 207)

| DOOR OR PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| 571AB | 671AB | Trunnion Support |
| 571BB | 671BB | Trunnion Support |
| 572AB | 672AB | Flap Support Structure |
| 572BB | 672BB | Fairing Attach and Fittings |
| 572CR | 672CL | Flap Drive Torque Limiter Indicator |
| 572DL | 672DR | Carriage Roller Grease Fittings |
| 572ER | 672EL | Carriage Roller and Push Rod Grease Fittings |
| 572FL | 672FR | Carriage Roller and Push Rod Grease Fittings |
| 572GL | 672GR | Fairing Attach Adjustment and Push Rod Grease Fittings |
| 572HB | 672HB | Flap Support Structure, Transmission |
| 572JBX | 672JBX | Fairing Attachment Bolts |
| *[1] | *[1] | |
| 573AB | 673AB | Flap Support Structure |
| 573BL | 673BR | Fwd Main Flap Track Support Fittings and Lube Access |
| 573CB | 673CB | Flap Support Structure |
| 573DL | 673DR | Frame Pivot Bolt and Lube Access |
| 573ER | 673EL | Frame Pivot Bolt and Lube Access |
| 573FR | 673FL | Gearbox Malfunction Indicator and U-Joint Lube Access |
| 573GB | 673GB | Aft Fairing Linkage and Lube Access |
| 573HZ | 673HZ | Flap Gearbox and Flap Sensor |
| 574AB | 674AB | Flap Support Structure |
| 574BL | 674BR | Fwd Main Flap Track Support Fitting and Lube Access |
| 574CB | 674CB | Flap Support Structure |
| 574DL | 674DR | Frame Pivot Bolt and Lube Access |
| 574ER | 674EL | Frame Pivot Bolt and Lube Access |
| 574FR | 674FL | Gearbox Malfunction Indicator and U-Joint Lube Access |
| 574GB | 674GB | Aft Fairing Linkage and Lube Access |
| 574HZ | 674HZ | Flap Gearbox and Flap Sensor |

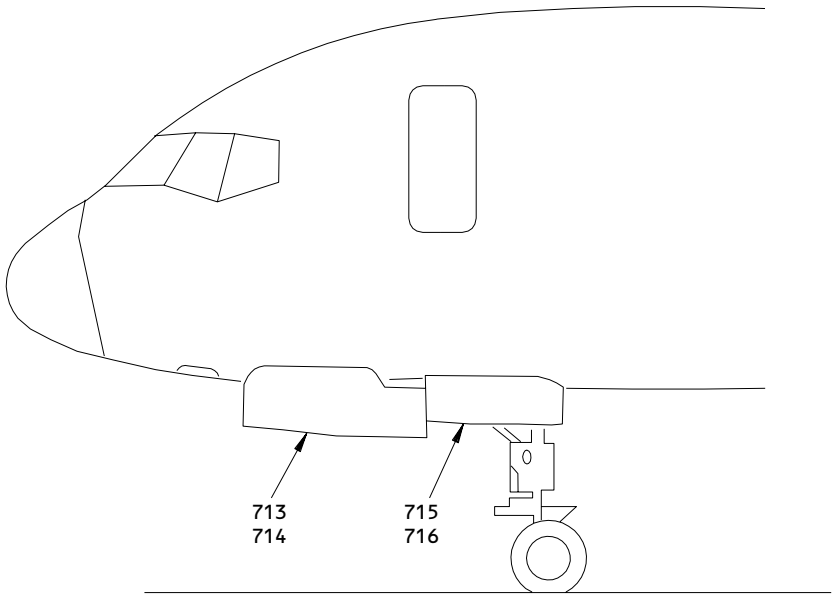
*[1] NOT ON ALL AIRPLANES

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

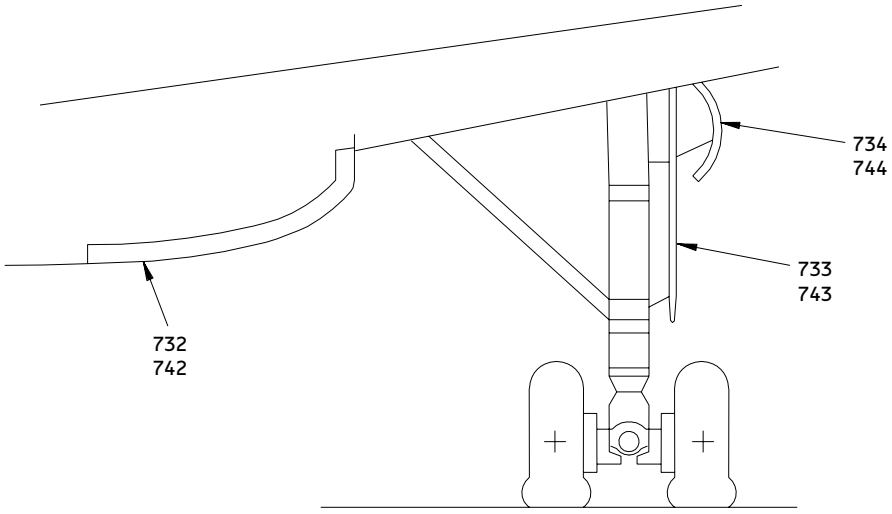
1. General
   A. The major zone 700 contains the nose and main landing gear and landing gear door.
   B. The major zone 700 contains the sub-zones. These sub-zones are identified by the first two numbers and followed by a number that is not zero.
      (1) Sub-zone 710 Nose Landing Gear and Doors
      (2) Sub-zone 730 Left Main Landing Gear and Doors
      (3) Sub-zone 740 Right Main Landing Gear and Doors
   C. Each sub-zone is divided into zones that are identified by the first two numbers of the sub-zone followed by a number that is not zero. See table.
   D. The access doors and panels in a zone are identified by the zone number followed by two letters or three letters. Each access door or panel has a different identifier.

TASK 06-45-00-222-001

2. Landing Gear and Landing Gear Doors Access Doors and Panels
   A. General
      (1) For locations of access doors and panels, refer to Fig. 201.
      (2) To get access to the equipment and components that are behind the access doors and panels, refer to the table below.




NOSE LANDING GEAR




MAIN LANDING GEAR

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

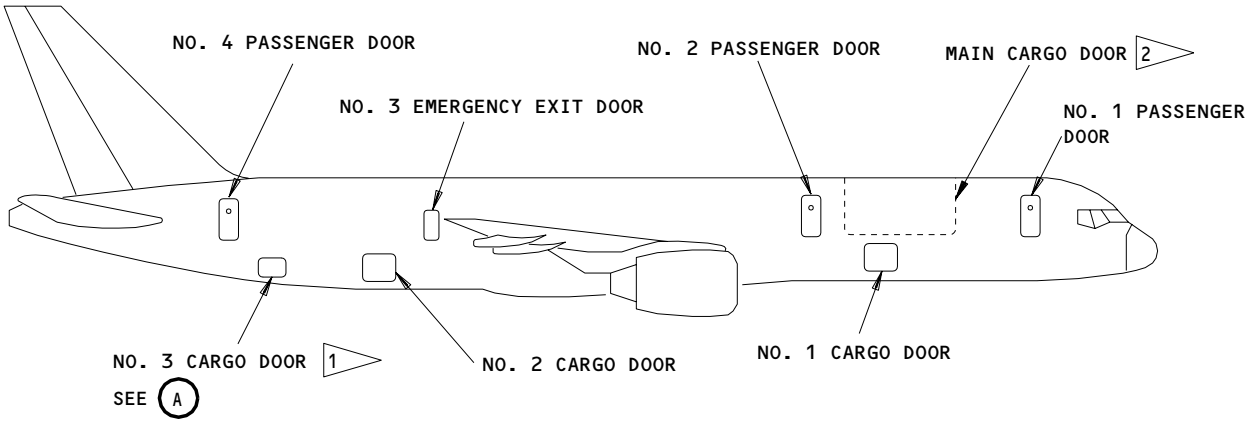
| DOOR OR PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT SIDE | RIGHT SIDE | |
| 713 | 714 | Fwd NWW Door Actuator and Valves, NLG Operating Mechanisms and Related Structure |
| 715 | 716 | Nose Gear Actuator and Valves, NLG Operating Mechanisms and Related Structure |
| 732 | 742 | Accelerometer<br>Acceleration Transducer<br>Aileron and Spoiler Control<br>Air Supply Installation – ECS<br>Air Conditioning Installation – ECS<br>Hydraulic Installation – Section 44<br>Inboard Flap Inboard Mechanism<br>Landing Gear Brake Controls<br>Landing Gear Controls<br>Landing Gear Door Controls<br>Proximity Switches – Landing Gear and Landing Gear Doors<br>Sensor Installation – Duct Leak Detection<br>Trailing Edge Flap Control and Drive<br>Wheel Well Lights |
| 733 | 743 | Lateral Controls, Flap Drive, Hydraulic Sequencing Door, MLG Side Brace and Jury Brace |
| 734 | 744 | MLG Trunnion |

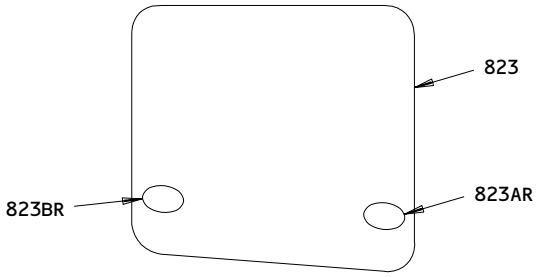
PASSENGER DOORS, EMERGENCY EXITS AND CARGO DOORS (MAJOR ZONE 800)
ACCESS DOORS AND PANELS - MAINTENANCE PRACTICES

1. General
   A. The major zone 800 has the passenger doors, emergency exits and cargo doors.
   B. The major zone 800 contains these subzones. These subzones are identified by the first two numbers and followed by a zero as shown:
      (1) Subzone 820 Lower Half of Fuselage, Right
      (2) Subzone 830 Upper Half of Fuselage, Left
      (3) Subzone 840 Upper Half of Fuselage, Right
   C. Each sub zone is divided into zones that are identified by the first two numbers of the subzone followed by a number that is not zero.
   D. The 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 and panel.
   E. Where corrosion prevention maintenance is necessary, apply MIL-C-11796 Class 3 corrosion preventive compound to countersunk, counterbored, or recessed fastener holes in sub-structure before you install access doors or panels. Do not use compound as a lubricant or in areas exposed to temperatures above 130 degrees fahrenheit and/or subject to hydraulic fluid contamination.

TASK 06-46-00-222-001

2. Passenger Doors, Emergency Exits and Cargo Doors Access Doors and Panels
   A. General
      (1) For the locations of the 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 the table that follows:




NO. 3 CARGO DOOR
A 1

| PASSENGER DOORS, EMERGENCY EXITS AND CARGO DOORS | LOCATION ZONES |
|---|---|
| NO. 1 CARGO DOOR | 821 |
| NO. 2 CARGO DOOR | 822 |
| NO. 3 CARGO DOOR 1 | 823 |
| NO. 1 PASSENGER DOOR | |
| LEFT | 831 |
| RIGHT | 841 |
| NO. 2 PASSENGER DOOR | |
| LEFT | 832 |
| RIGHT | 842 |
| NO. 3 EMERGENCY EXIT DOOR | |
| LEFT | 835 |
| RIGHT | 845 |
| NO. 4 PASSENGER DOOR | |
| LEFT | 836 |
| RIGHT | 846 |
| MAIN CARGO DOOR 2 | 838 |

1 AIRPLANES WITH NO. 3 CARGO DOOR
2 FOR TBC ONLY

Passenger Doors, Emergency Exits and Cargo Doors
(Major Zone 800) Access Doors and Panels
Figure 201

| DOOR OR PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| | 821 | Forward Cargo Compartment<br>Cargo Compartment Heating System Duct Installation<br>Control Cables, Pulleys, Pulley Brackets<br>Rudder Controls<br>T.E. Flap Controls<br>Elevator Controls<br>Stabilizer Trim Controls<br>Engine Controls<br>Aileron and Spoiler Controls<br>Landing Gear Selector Valve Controls<br>Landing Gear Brake Controls<br>Door Installation - No. 1 Cargo<br>Fan - Equipment Cooling Air<br>Fire Extinguishing System<br>Smoke Detection System |
| | 822 | Aft Cargo Compartment<br>Cabin Pressure Safety Relief Valve Installation<br>Relief Valves<br>Static Pressure Port<br>Lines<br>Compartment Lighting<br>Door Installation - No. 2 Cargo<br>Duct Installation, Mid Cabin Lavatory Waste System<br>Electrical/Electronics Equipment Cooling Installation<br>Air Supply Duct<br>Smoke Detection Tubing, Detector<br>Ducting<br>External Cargo Door Control Panel<br>E6 Rack<br>Fan - Equipment Cooling Air |

| DOOR OR PANEL IDENTIFICATION NUMBER | | EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL |
|---|---|---|
| LEFT | RIGHT | |
| | | Flush Line and Control Cable Installation - Mid Cabin Lavatory Control Cable |
| | | Mid Cabin Lavatory System Drain Installation (Passenger Water System) |
| | | Smoke Detector Installation - Aft Cargo Compartment |
| | 823 is | not for TBC. |
| | 823 | Aft Waste Water Drain Installation |
| | *[1] | APU Fuel Line and Shroud Installation |
| | | Bulk Cargo Compartment |
| | | Control Cables, Pulleys, Pulley Brackets |
| | | Rudder and Rudder Trim Control |
| | | Elevator Control |
| | | Stabilizer Trim Control |
| | | Duct Installation - Air Supply |
| | | Door Installation - Bulk Cargo |
| | | Duct Installation - Cargo Heating System |
| | | Duct Installation - Lavatory/Galley Vent System |
| | | Pneumatic Line Installation - Passenger Water System |
| | | Water Supply Installation - Aft Galley |
| | 823AR | Fwd Latch Mechanism |
| | *[1] | |
| | 823BR | Aft Latch Mechanism |
| | *[1] | |
| 831 | 841 | Passenger Compartment |
| 832 | 842 | Passenger Compartment |
| 835 | 845 | Emergency Exit |
| 836 | 846 | Passenger Compartment |

*[1] AIRPLANES WITH NO. 3 CARGO DOOR