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CHAPTER 06 - DIMENSIONS AND AREAS

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CHAPTER 06 - DIMENSIONS AND AREAS

TABLE OF CONTENTS

DIMENSIONS AND AREAS - DESCRIPTION & OPERATION

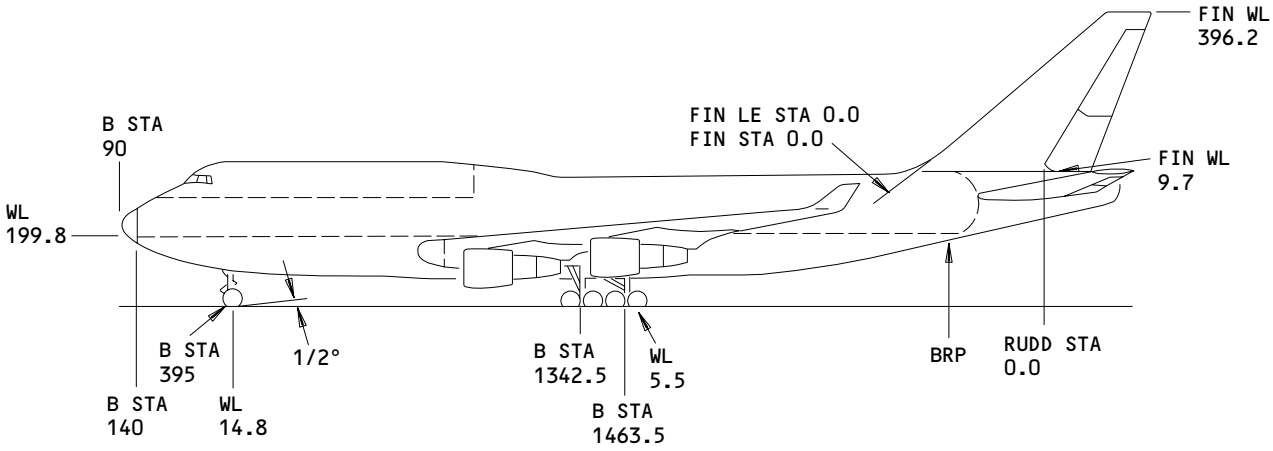
1. General
   A. This chapter provides principal dimensions for the wing, ailerons, flaps, horizontal stabilizer surfaces, vertical stabilizer surfaces, and body. Areas for the wing and tail surfaces, and station diagrams for the body, wing, vertical tail surfaces, and engine nacelle.
2. Reference Planes and Lines (Fig. 1)
   A. General
      (1) The airplane is divided into reference planes, designated as stations, waterlines and buttock lines, 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) Body Abbreviations

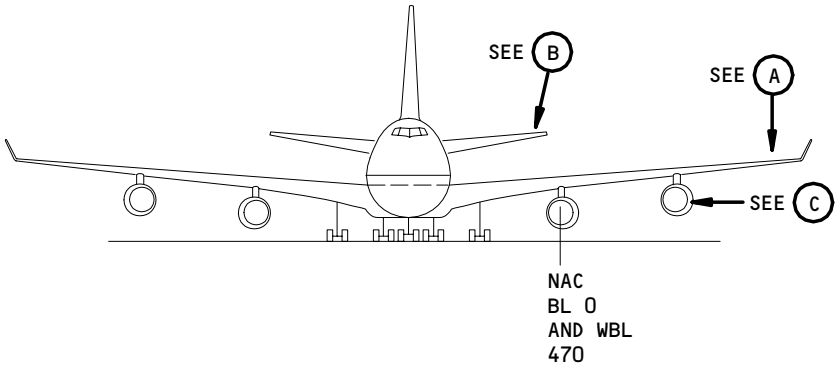
B STA	Body Station. A vertical plane perpendicular to body centerline, located by its distance from point 90 inches forward of nose.
BBL	Body Buttock Line. A vertical plane parallel to body vertical centerline plane, BBL 0.00, located by its perpendicular distance from body centerline plane.
BWL	Body Waterline. A horizontal plane located by it perpendicular distance from parallel, imaginary plane BWL 0.00, 91 inches below lowest body surface.
BRP	Body Reference Plane. Horizontal plane, BWL 199.3, at top surface of floor beams.

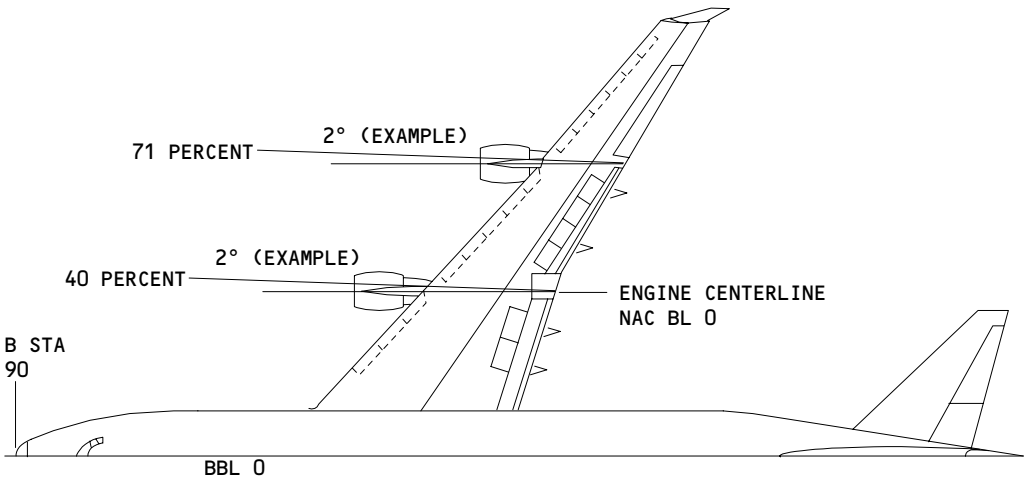
      (2) Vertical stabilizer abbreviations

Fin Sta	Vertical Stabilizer Station. Plane perpendicular to centerline of vertical stabilizer rear spar. Distance is measured from Fin Station 0.00, intersection of leading edge line extension and fin waterline 0.00.

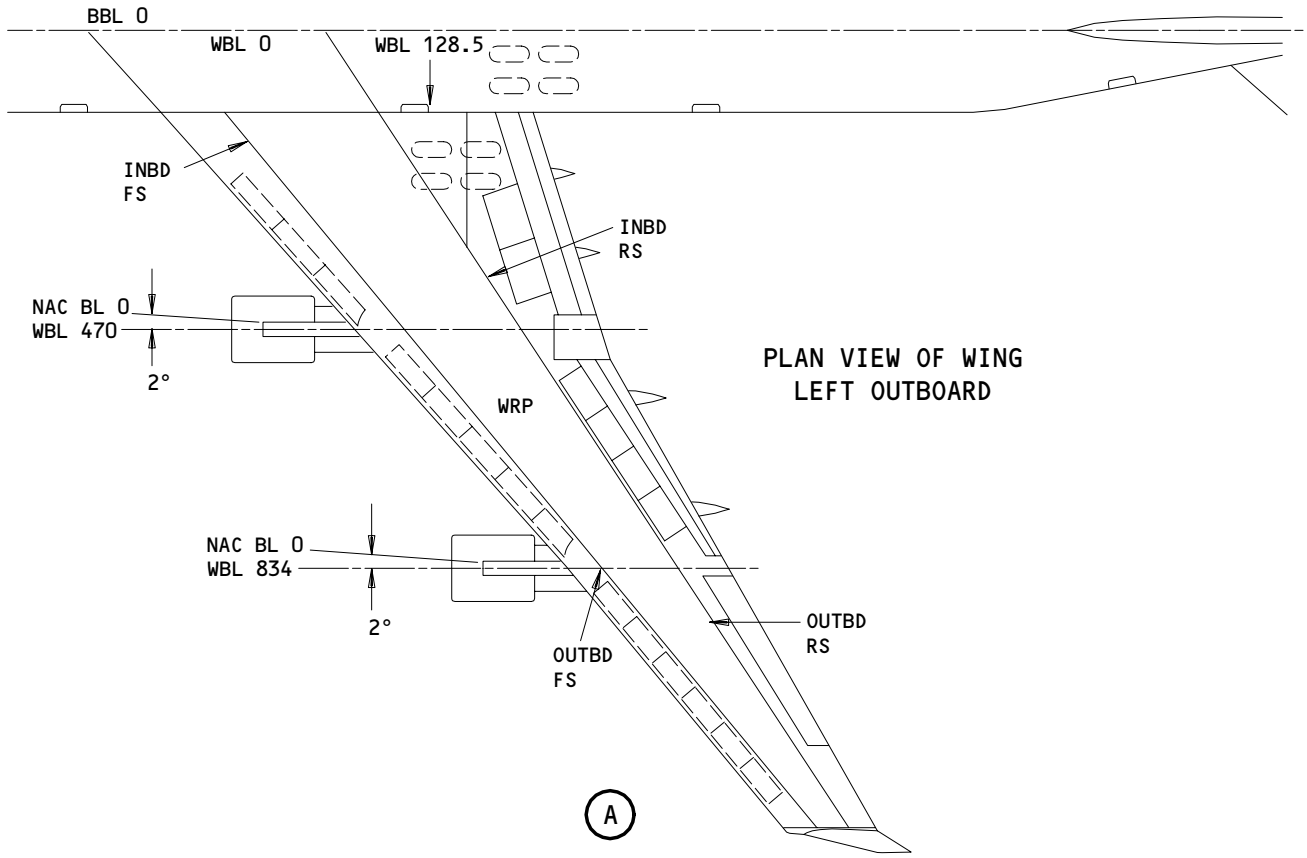
Fin WL	Vertical Stabilizer Waterline. Horizontal plane measured parallel to a Body Waterline. Fin Waterline 9.65 is Body Waterline 366.5.

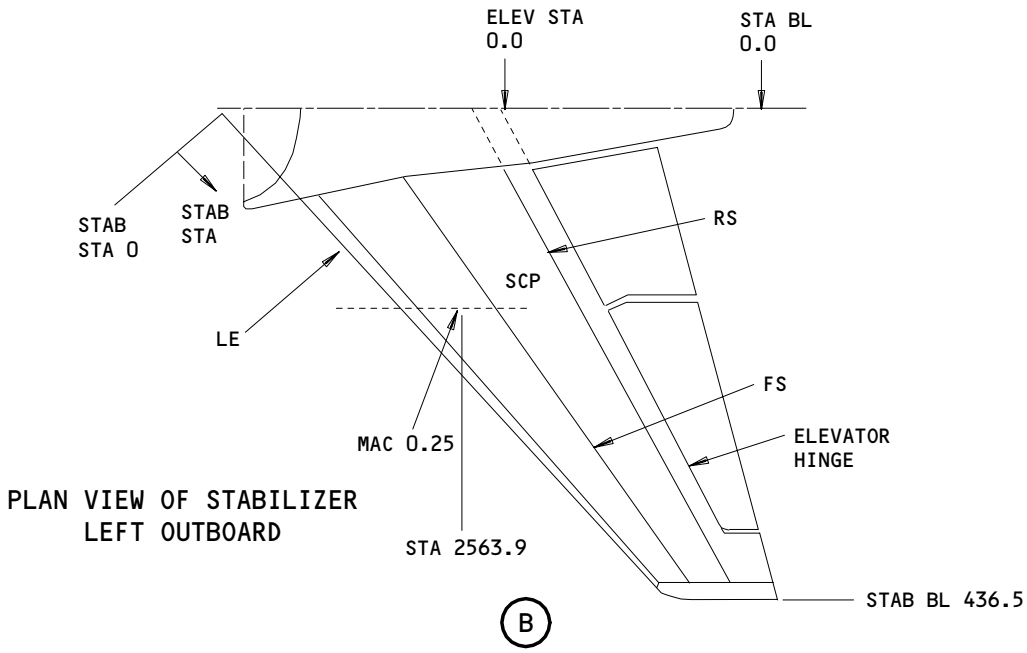




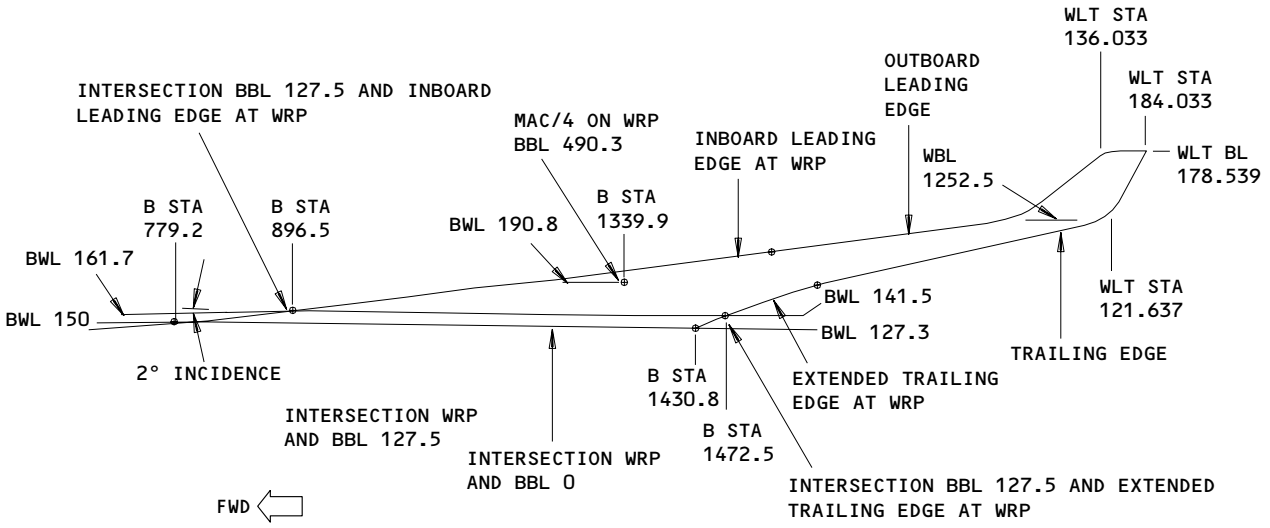


Reference Planes and Lines
Figure 1 (Sheet 1)

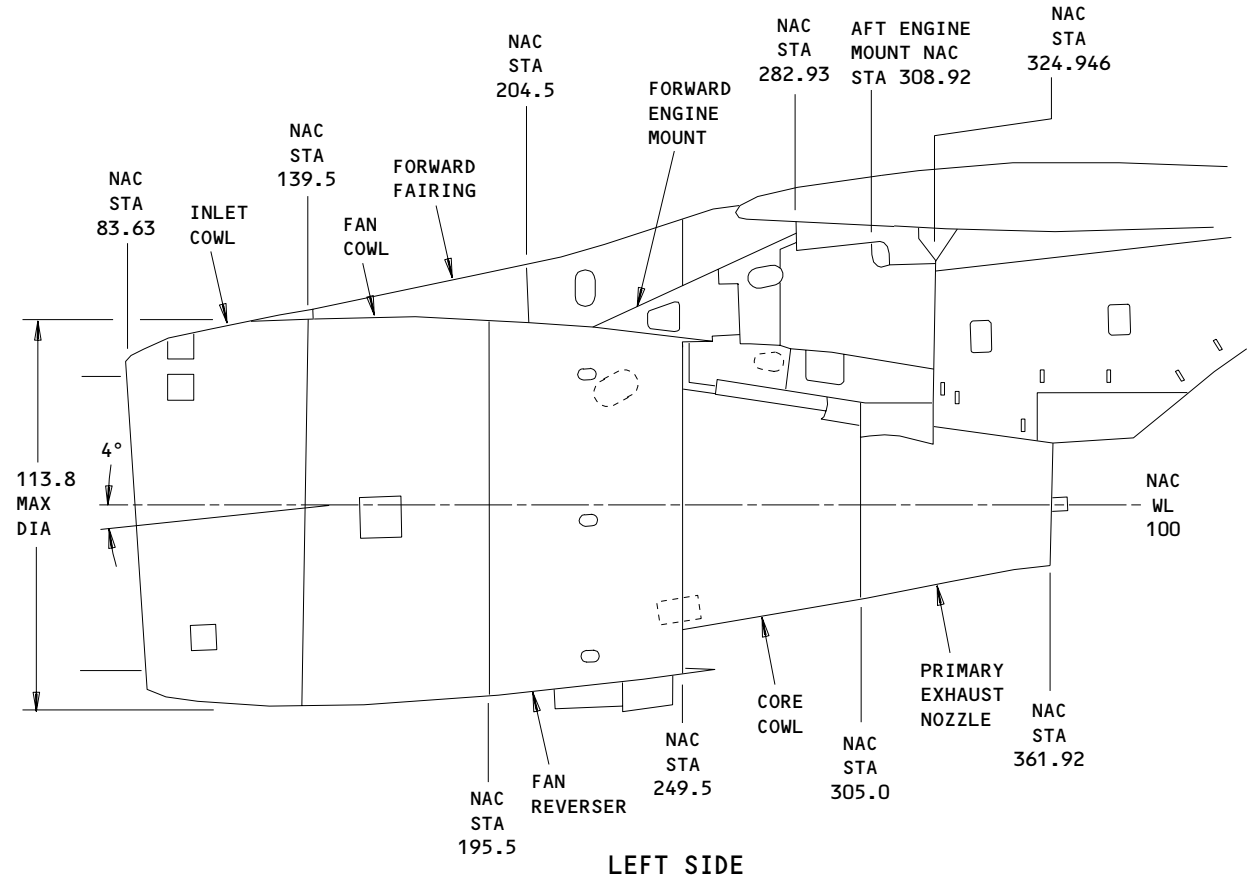




Reference Planes and Lines
Figure 1 (Sheet 2)



LEFT-HAND VIEW OF BODY AT WING



LEFT SIDE

C

Reference Planes and Lines
Figure 1 (Sheet 3)

Fin LE Sta	Vertical Stabilizer Leading Edge Station. Plane perpendicular to vertical stabilizer leading edge, measured from fin leading edge station 0.00, intersection of leading edge line extension and vertical stabilizer waterline 0.00.

Rud Sta	Rudder Station. Plane perpendicular to rudder hinge centerline, measured from Rudder Station 0.00, intersection of rudder hinge centerline and vertical stabilizer waterline 0.00.

(3) Horizontal stabilizer abbreviations

Stab Sta	Horizontal Stabilizer Station. Plane perpendicular to stabilizer chord plane and plane of stabilizer rear spar, measured from stabilizer station 0.00, intersection of leading edge and stabilizer buttock line 0.00.
SCP	Stabilizer Chord Plane. Plane through trailing and leading edges of stabilizer airfoil.
Stab BL	Horizontal Stabilizer Buttock Line. Plane perpendicular to stabilizer chord plane and parallel to trace of body centerline. It is measured from stabilizer Buttock Line 0.00, intersection of stabilizer chord plane and body buttock line 0.00.
Stab RS	Horizontal Stabilizer Rear Spar. A principal spanwise transverse member of stabilizer structure.
Stab LE Sta	Horizontal Stabilizer Leading Edge Station. Plane perpendicular to horizontal stabilizer leading edge, measured from Stabilizer Leading Edge Station 0.00, intersection of leading edge line extension and stabilizer buttock line 0.00.
Elev Sta	Elevator Station. Plane perpendicular to elevator hinge centerline measured from intersection of elevator hinge centerline and sta bilizer buttock lin 0.00.

(4) Wing abbreviations

MAC	Mean Aerodynamic Chord. Chord of section of imaginary airfoil on wing which would have vectors throughout flight range identical to those of actual wing.
WRP	Wing Reference Plane.
W Sta	Wing Station. Plane perpendicular to wing reference plane and outboard rear spar extended inboard, measured from intersection of extended leading edge and wing buttock line 0.00.
WBL	Wing Buttock Line. Plane perpendicular to wing reference plane and parallel to trace of body centerline. It is measured from intersection of win reference plane and body buttock line 0.00.
FS or RS	Wing Front Spar or Rear Spar. Principal spanwise transverse member of wing structure.
FSS or RSS	Front or Rear Spar Station. Plane perpendicular to wing reference plane and plane of front or rear spar (Rear spar station is same as wing station).

(5) Nacelle abbreviations

Nac BL	Nacelle Buttock Line. Nacelle Buttock Line 0.0 for inboard engines is 2 degrees inboard from Wing Buttock Line 470.0. Nacelle Buttock Line 0.0 for the outboard engines is 2 degrees inboard from Wing Buttock Line 834.0.
Nac WL	Nacelle Waterline. A plane which is parellel to the wing reference plane. The Nac WL 38 inches down from wing reference plane at nacelle station 100 is Nacelle WL 100.
Nac Sta	Nacelle Station. A vertical plane perpendicular to the nacelle centerline, with nacelle station zero located 197.50 inches forward of the forward engine mount.

TR Sta	Thrust Reverser Station is same as nacelle station.

TRWL	Thrust Reverser Waterline is same as nacelle waterline.

WALK-AROUND - INSPECTION/CHECK

TASK 06-00-01-916-001

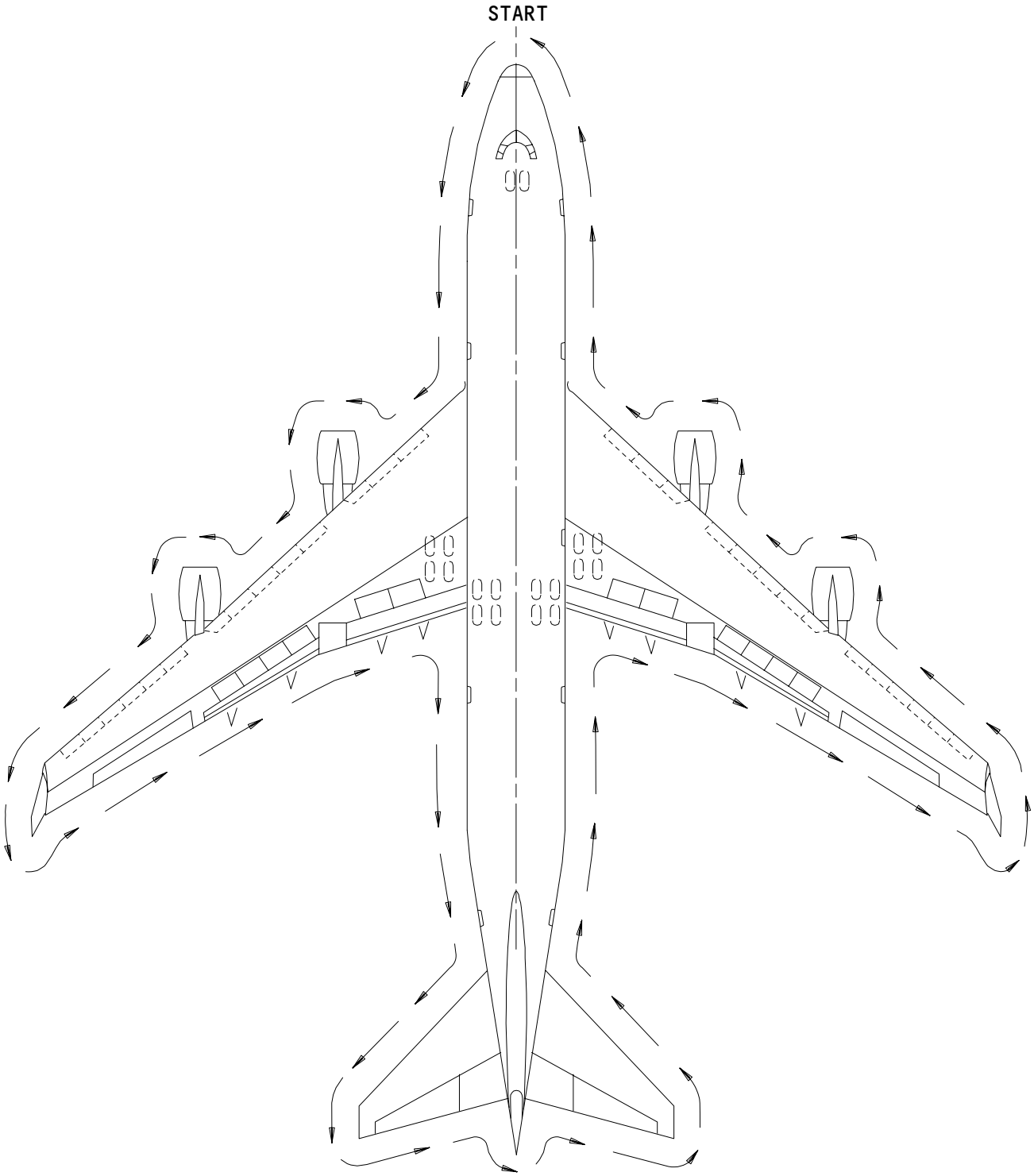
1. Walk-Around - Inspection Check

A. Procedure

S 916-002

(1) Refer to Fig. 601 for the routing you must follow when you do a walk-around inspection.

NOTE: This is not related to regular airplane maintenance.



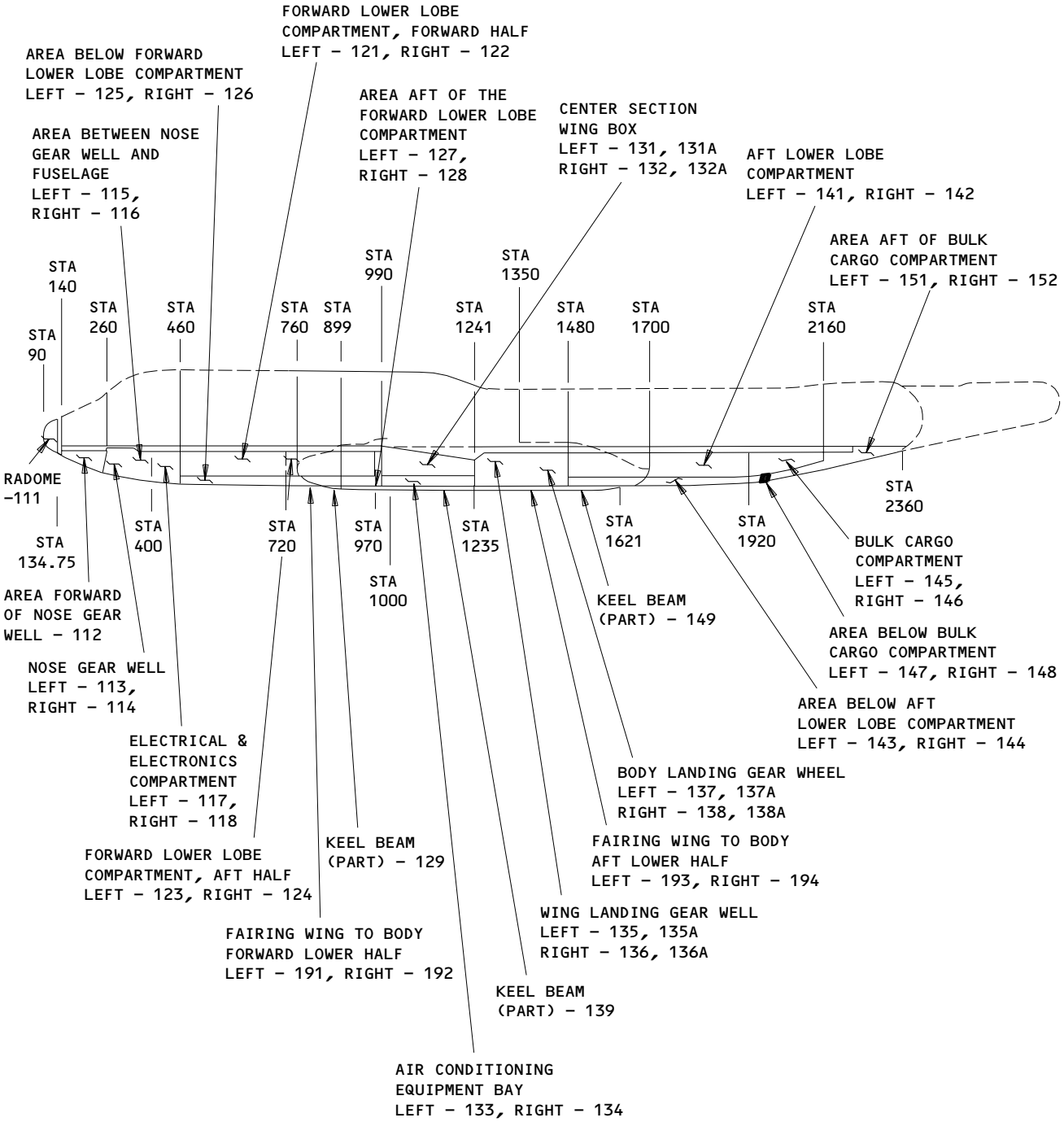
Walk-Around Inspection
Figure 601

ACCESS DOORS AND PANELS - MAINTENANCE PRACTICES

1. General
   A. This procedure has one task. The task is the installation of access doors and panels.
   B. This section identifies access doors and panels that you can remove and install during maintenance. A three-digit number identifies the major zones, sub-zones, and zones as follows:
      (1) Major zones - The first number is a number from 1 through 8 followed by two zeroes.
      (2) Subzone - The first number is the major zone number; the second number is a number from 1 thru 6 or 9; the third number is a zero.
      (3) Zone - The first two numbers are the subzone numbers. The third number shows a component or group of components that are the same in the subzone (Fig 201).

MAJOR ZONE 100 - LOWER HALF OF FUSELAGE	
SUBMAJOR ZONE	
110	STA 90 TO STA 460
120	STA 460 TO STA 1000
130	STA 1000 TO STA 1480
140	STA 1480 TO STA 2160
150	STA 2160 TO STA 2360
190	FAIRINGS - STA 760 TO STA 1700

Major Zone 100 - Lower Half of Fuselage
Figure 201 (Sheet 1)



Major Zone 100 – Lower Half of Fuselage
Figure 201 (Sheet 2)

TASK 06-09-00-412-001

2. Access Doors and Panels - Installation

A. General

(1) The access doors and panels are identified as follows:

(a) Body Section 41 - Access Doors and Panels (Ref 06-09-01/201).

(b) Body Section 42 - Access Doors and Panels (Ref 06-09-02/201).

(c) Body Section 44 - Access Doors and Panels (Ref 06-09-03/201).

(d) Body Section 46 - Access Doors and Panels (Ref 06-09-04/201).

(e) Body Section 48 - Access Doors and Panels (Ref 06-09-05/201).

(f) Stabilizer and Elevator - Access Doors and Panels (Ref 06-09-06/201).

(g) Fin and Rudder - Access Doors and Panels (Ref 06-09-07/201).

(h) Wing Access Doors and Panels (Ref 06-09-08/201).

(i) Nacelle and Engine-to-Wing Fairing Access Doors and Panels (Ref 06-09-09/201).

B. References

(1) 51-31-01/201, Seals and Sealing

C. Procedure

S 432-003

CAUTION: MAKE SURE TO IDENTIFY THE ALUMINUM FASTENERS. YOU MUST USE THE CORRECT TORQUE FOR ALUMINUM FASTENERS. IF YOU USE A TORQUE THAT IS GIVEN FOR A STEEL FASTENER, YOU WILL CAUSE DAMAGE TO THE ALUMINUM FASTENER.

(1) Install the fasteners.

S 432-005

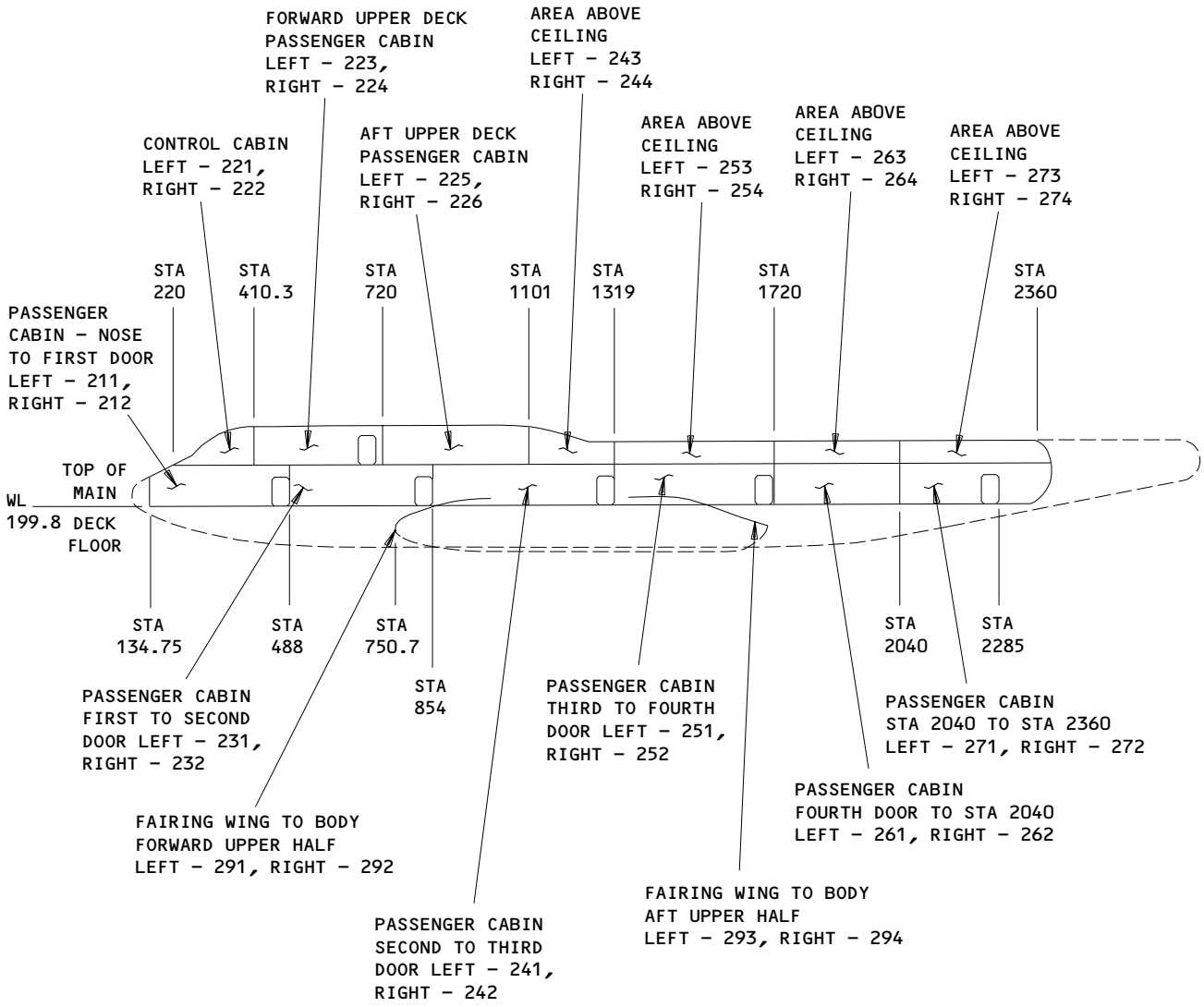
(2) Connect the bonding jumpers.

S 392-004

(3) Apply aerodynamic seals if it is necessary (Ref 51-31-01/201).

MAJOR ZONE 200 - UPPER HALF OF FUSELAGE	
SUBMAJOR ZONE	
210	PASSENGER CABIN - STA 134.75 TO STA 488
220	CONTROL CABIN AND STATEROOMS - STA 220 TO STA 1101
230	PASSENGER CABIN - STA 488 TO STA 854
240	PASSENGER CABIN - STA 854 TO STA 1319 AND AREA ABOVE CEILING - STA 1101 TO STA 1319
250	PASSENGER CABIN - STA 1319 TO STA 1720 AND AREA ABOVE CEILING - STA 1319 TO STA 1720
260	PASSENGER CABIN - STA 1720 TO STA 2040 AND AREA ABOVE CEILING - STA 1720 TO STA 2040
270	PASSENGER CABIN - STA 2040 TO STA 2360 AND AREA ABOVE CEILING - STA 2040 TO STA 2360
290	FAIRINGS - STA 760 TO STA 1700

Major Zone 200 - Upper Half of Fuselage
Figure 202 (Sheet 1)



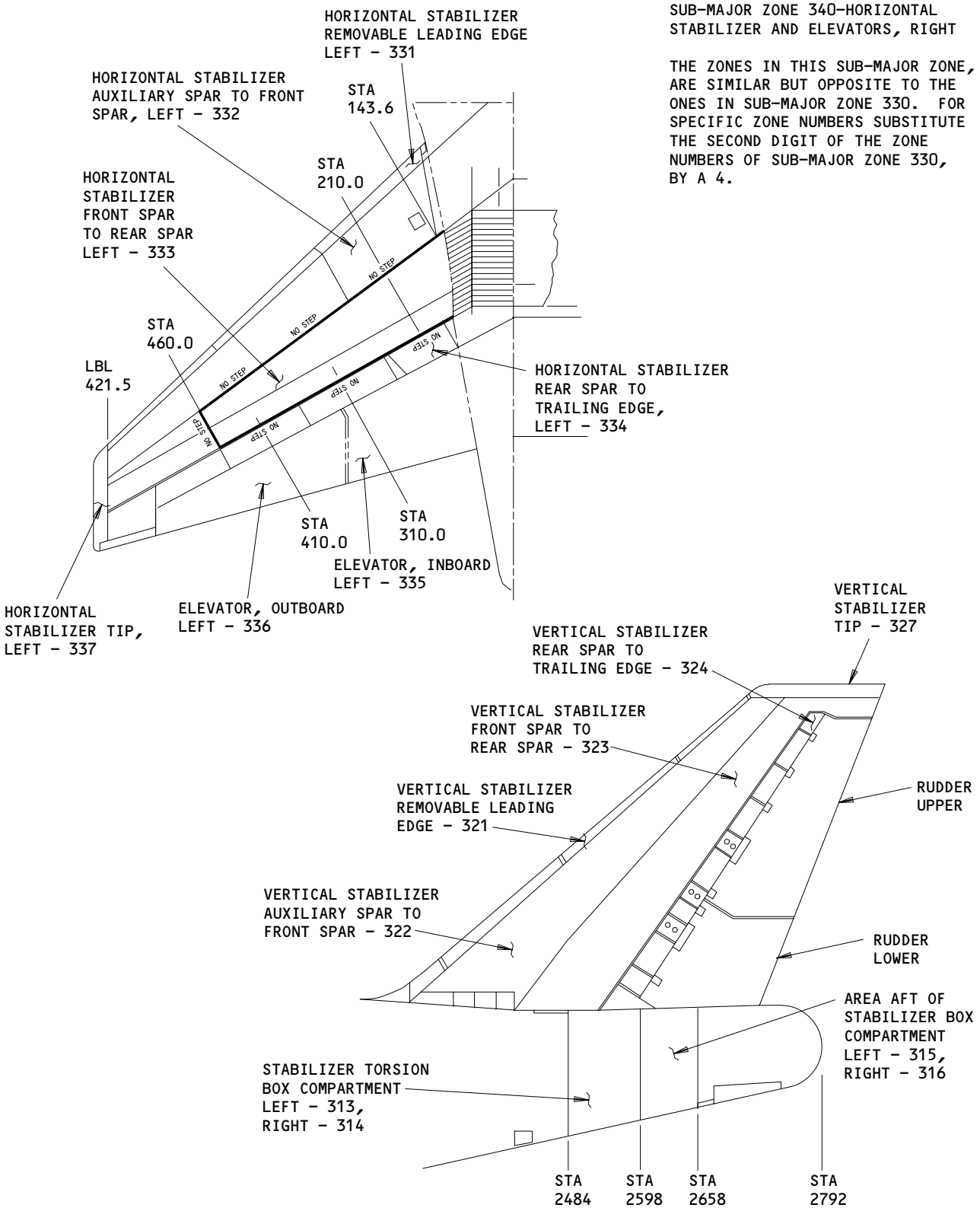
Major Zone 200 – Upper Half of Fuselage
Figure 202 (Sheet 2)

MAJOR ZONE 300 - EMPENNAGE	
SUBMAJOR ZONE	
310	FUSELAGE STA 2360 TO STA 2792
320	VERTICAL STABILIZER AND RUDDERS
330	HORIZONTAL STABILIZER AND ELEVATORS - LEFT-HAND SIDE
340	HORIZONTAL STABILIZER AND ELEVATORS - RIGHT-HAND SIDE

Major Zone 300 - Empennage
Figure 203 (Sheet 1)

SUB-MAJOR ZONE 340-HORIZONTAL STABILIZER AND ELEVATORS, RIGHT

THE ZONES IN THIS SUB-MAJOR ZONE, ARE SIMILAR BUT OPPOSITE TO THE ONES IN SUB-MAJOR ZONE 330. FOR SPECIFIC ZONE NUMBERS SUBSTITUTE THE SECOND DIGIT OF THE ZONE NUMBERS OF SUB-MAJOR ZONE 330, BY A 4.

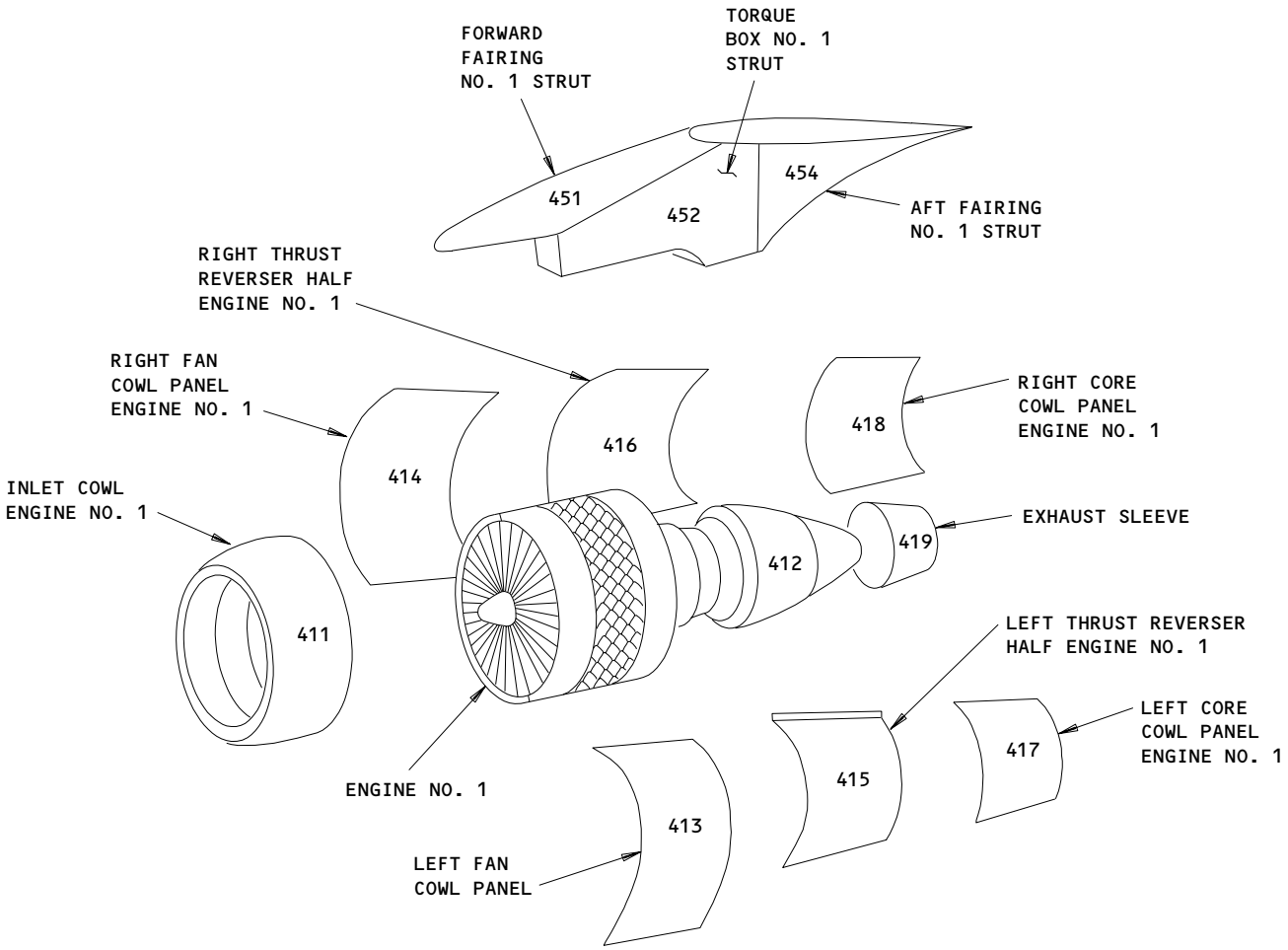


Major Zone 300 - Empennage
Figure 203 (Sheet 2)

MAJOR ZONE 400 - POWER PLANTS AND STRUTS	
SUBMAJOR ZONE	
410	NUMBER ONE POWER PLANT
420	NUMBER TWO POWER PLANT
430	NUMBER THREE POWER PLANT
440	NUMBER FOUR POWER PLANT
450	NUMBER ONE STRUT & FAIRINGS
460	NUMBER TWO STRUT & FAIRINGS
470	NUMBER THREE STRUT & FAIRINGS
480	NUMBER FOUR STRUT & FAIRINGS

NOTE: NUMBER ONE AND FOUR STRUTS ARE SIMILAR, THE SAME APPLYING TO STRUT NUMBER TWO AND THREE. THERE IS A DIFFERENCE IN SIZE AND SHAPE BETWEEN OUTBOARD AND INBOARD STRUTS. THESE DIFFERENCES, HOWEVER, BEING MINOR, DO NOT AFFECT THE ZONING BREAKDDOWN, WHICH FOR PRACTICAL PURPOSES CAN BE ASSUMED TO BE AS SHOWN IN THE NEXT PAGE.

Major Zone 400 - Power Plants and Struts
Figure 204 (Sheet 1)



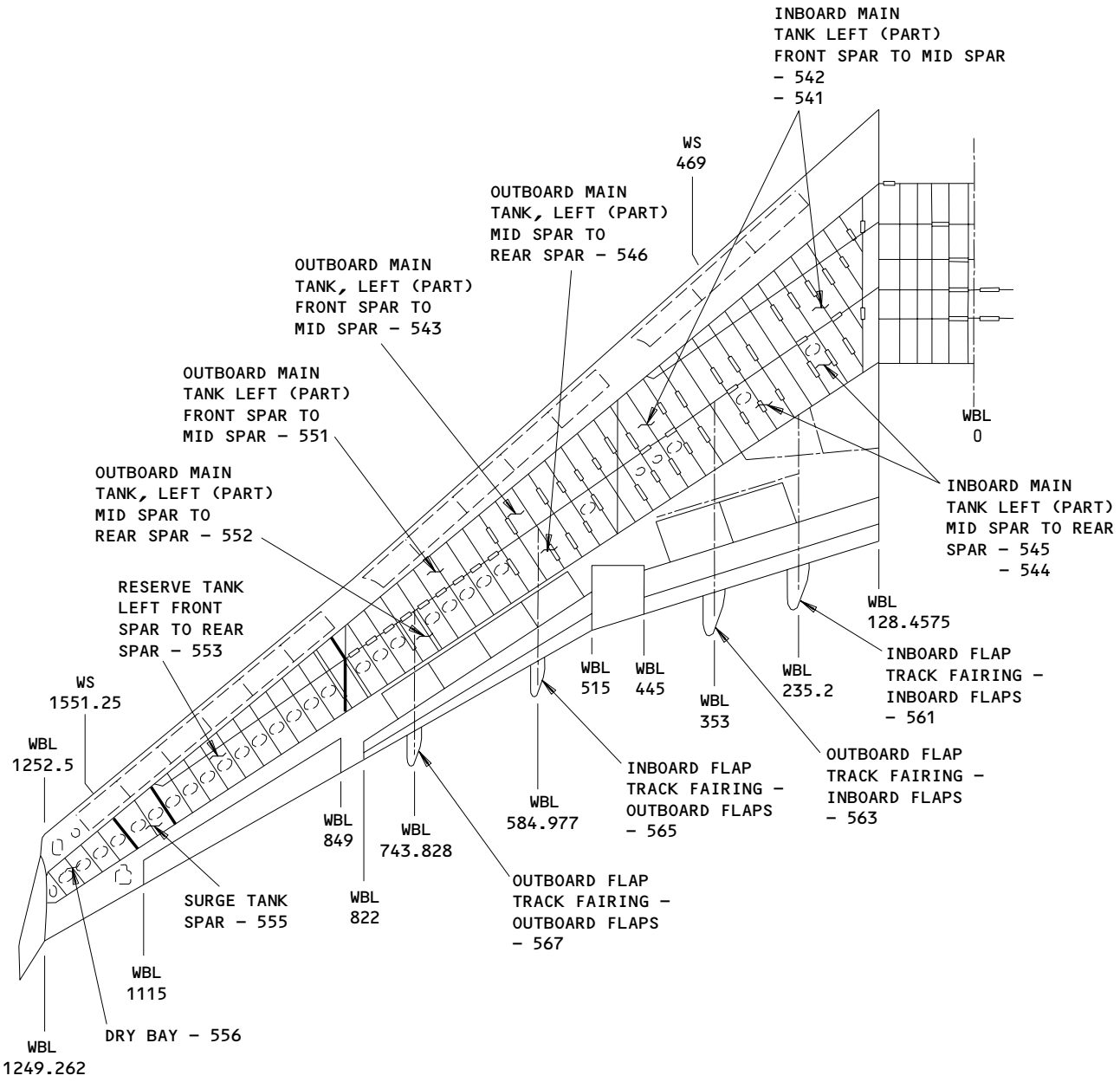
SUB-MAJOR ZONE 420, 430 & 440-NUMBER TWO, THREE AND FOUR POWER PLANTS THE ZONES IN THE ABOVE SUB-MAJOR ZONES, ARE IDENTICAL TO THE ONES IN SUB-MAJOR ZONE 410. FOR SPECIFIC ZONE NUMBERS SUBSTITUTE THE SECOND DIGIT OF THE ZONE NUMBERS OF SUB-MAJOR ZONE 410, FOR ZONES ON POWER PLANTS NUMBERS TWO, THREE AND FOUR, BY 2, 3 AND 4 RESPECTIVELY.

SUB-MAJOR ZONE 460, 470, & 480-NUMBER TWO, THREE AND FOUR STRUTS THE ZONES IN THE ABOVE SUB-MAJOR ZONES ARE SIMILAR TO THE ONES IN SUB-MAJOR ZONE 450. FOR SPECIFIC ZONE NUMBERS SUBSTITUTE THE SECOND DIGIT OF THE ZONES OF SUB-MAJOR ZONE 450, FOR ZONE ON STRUT NUMBER TWO, THREE & FOUR BY 6, 7 & 8 RESPECTIVELY.

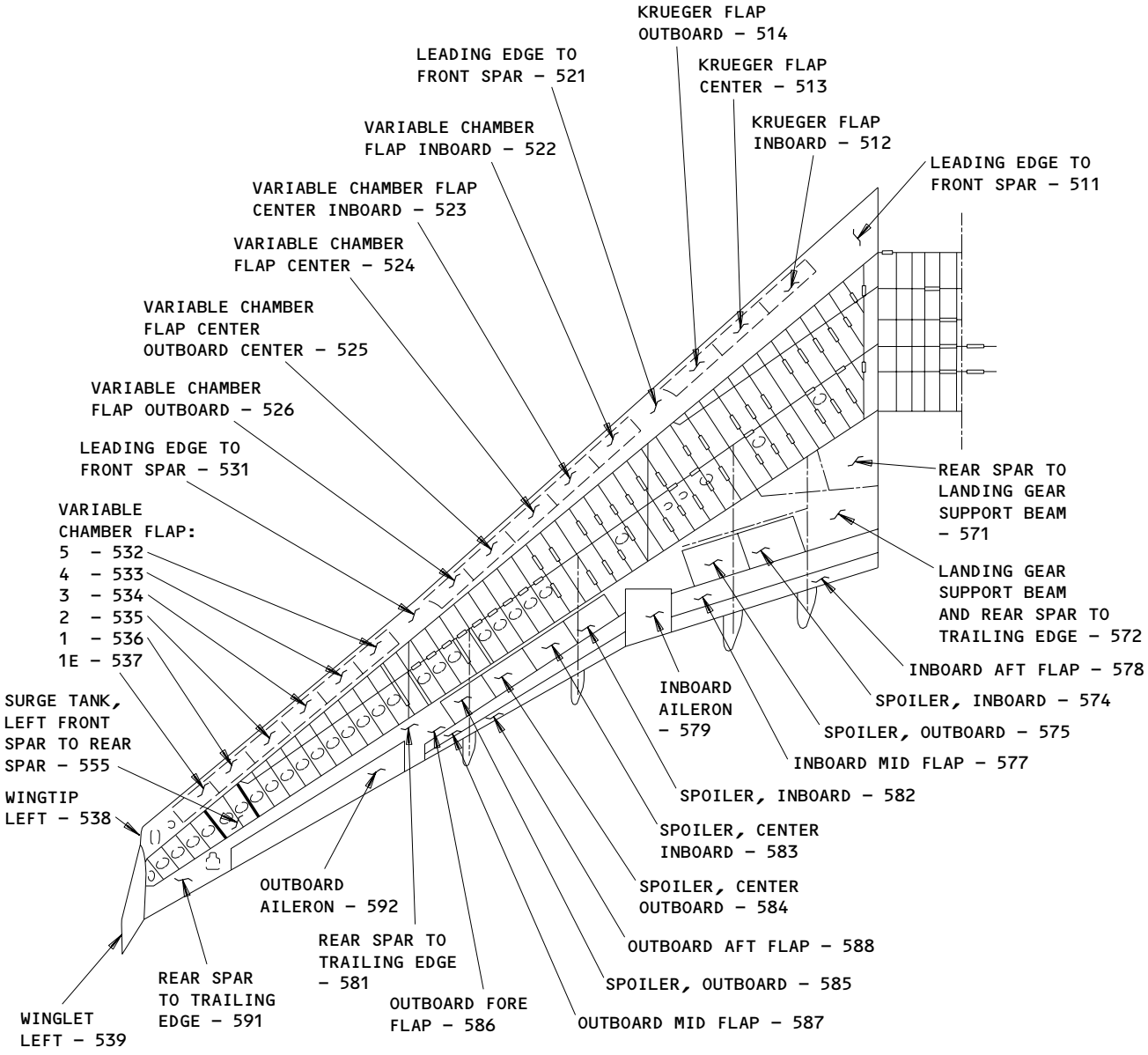
Major Zone 400 - Power Plants and Struts
Figure 204 (Sheet 2)

MAJOR ZONE 500 - LEFT WING	
SUBMAJOR ZONE	
510	LEADING EDGE TO FRONT SPAR FROM WBL 128.4575 TO WBL 470
520	LEADING EDGE TO FRONT SPAR FROM WBL 470 TO WBL 834
530	LEADING EDGE TO FRONT SPAR FROM WBL 834 TO WBL 1169 AND INCLUDING WINGTIP
540	FRONT SPAR TO REAR SPAR FROM WBL 128.4575 TO WS 944.500
550	FRONT SPAR TO REAR SPAR FROM WS 944.500 TO WBL 1169
560	FLAP TRACK FAIRINGS
570	REAR SPAR TO TRAILING EDGE FROM WBL 128.4575 TO WBL 515
580	REAR SPAR TO TRAILING EDGE FROM WBL 515 TO WBL 849
590	REAR SPAR TO TRAILING EDGE FROM WBL 849 TO WBL 1169

Major Zone 500 - Left Wing
Figure 205 (Sheet 1)



Major Zone 500 – Left Wing
Figure 205 (Sheet 2)



Major Zone 500 – Left Wing
Figure 205 (Sheet 3)

MAJOR ZONE 600 - RIGHT WING	
SUBMAJOR ZONE	
610	LEADING EDGE TO FRONT SPAR FROM WBL 128.4575 TO WBL 470
620	LEADING EDGE TO FRONT SPAR FROM WBL 470 TO WBL 834
630	LEADING EDGE TO FRONT SPAR FROM WBL 834 TO WHL 1249 AND INCLUDING WINGLET
640	FRONT SPAR TO REAR SPAR FROM WBL 128.4575 TO WS 994.500
650	FRONT SPAR TO REAR SPAR FROM WS 994.500 TO WBL 1249
660	FLAP TRACK FAIRINGS
670	REAR SPAR TO TRAILING EDGE FROM WBL 128.4575 TO WBL 515
680	REAR SPAR TO TRAILING EDGE FROM WBL 515 TO WBL 849
690	REAR SPAR TO TRAILING EDGE FROM WBL 849 TO WBL 1249

Major Zone 600 - Right Wing
Figure 206 (Sheet 1)

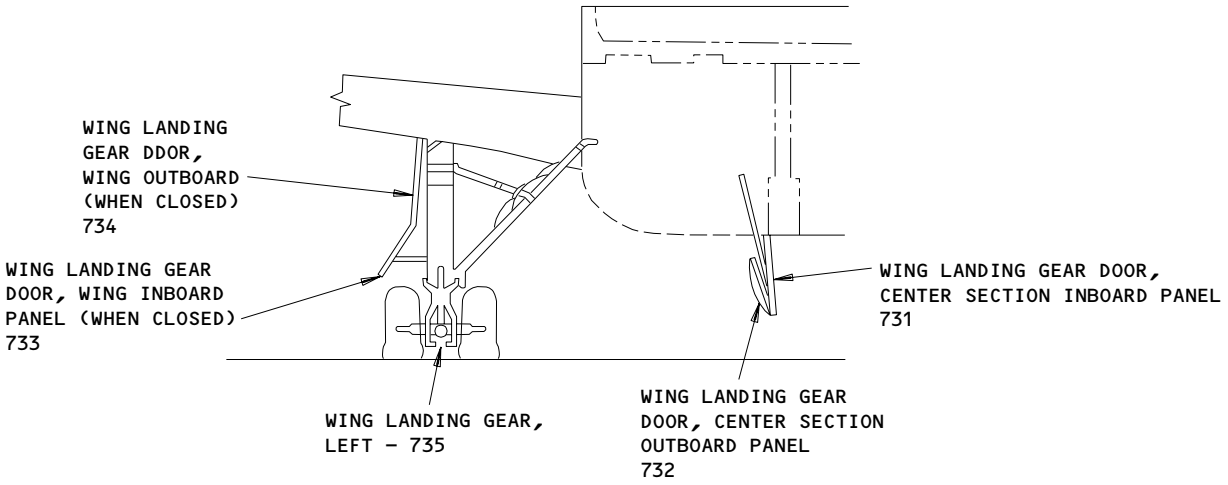
SUBMAJOR ZONE 610 THRU 690 - RIGHT WING

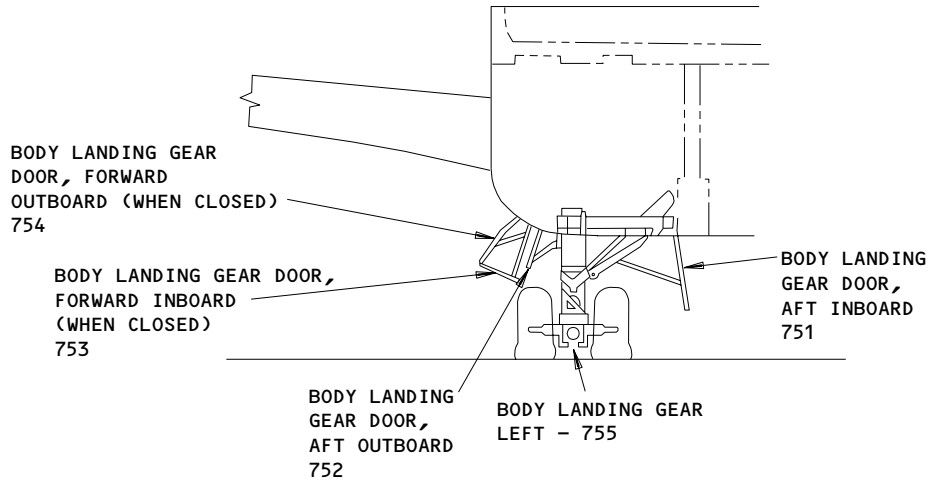
THE ZONES IN THE ABOVE SUBMAJOR ZONES ARE IDENTICAL TO THEIR SYMMETRCAL COUNTERPARTS OF THE LEFT WING. FOR SPECIFIC ZONE NUMBERS SUBSTITUTE THE FIRST DIGIT OF THE ZONE NUMBERS OF SUBMAJOR ZONES 510 THRU 590 BY A 6. ALSO WHERE DESCRIPTION CALLS LEFT, SUBSTITUTE RIGHT.

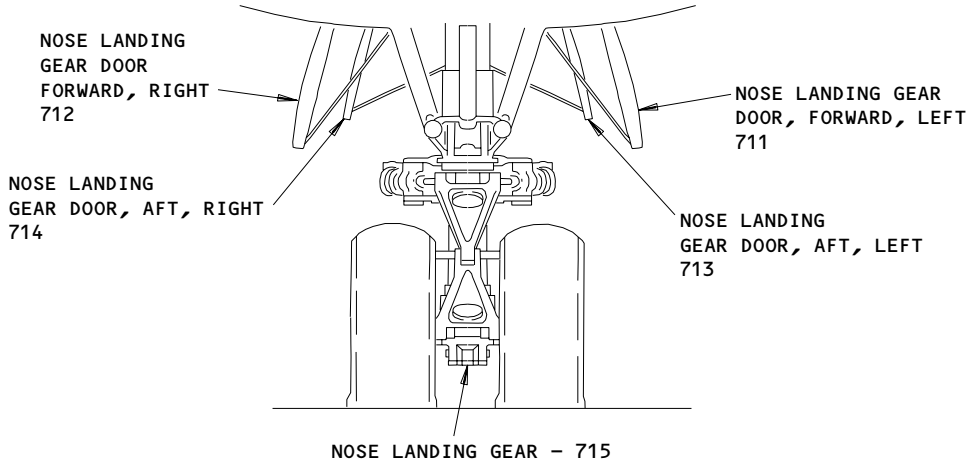
Major Zone 600 - Right Wing
Figure 206 (Sheet 2)

MAJOR ZONE 700 – LANDING GEARS AND LANDING GEAR DOORS	
SUBMAJOR ZONE	
710	NOSE LANDING GEAR AND DOORS
730	WING LANDING GEAR – LEFT AND DOORS
740	WING LANDING GEAR – RIGHT AND DOORS
750	BODY LANDING GEAR – LEFT AND DOORS
760	BODY LANDING GEAR – RIGHT AND DOORS

Major Zone Landing Gears and LG Doors
Figure 207 (Sheet 1)



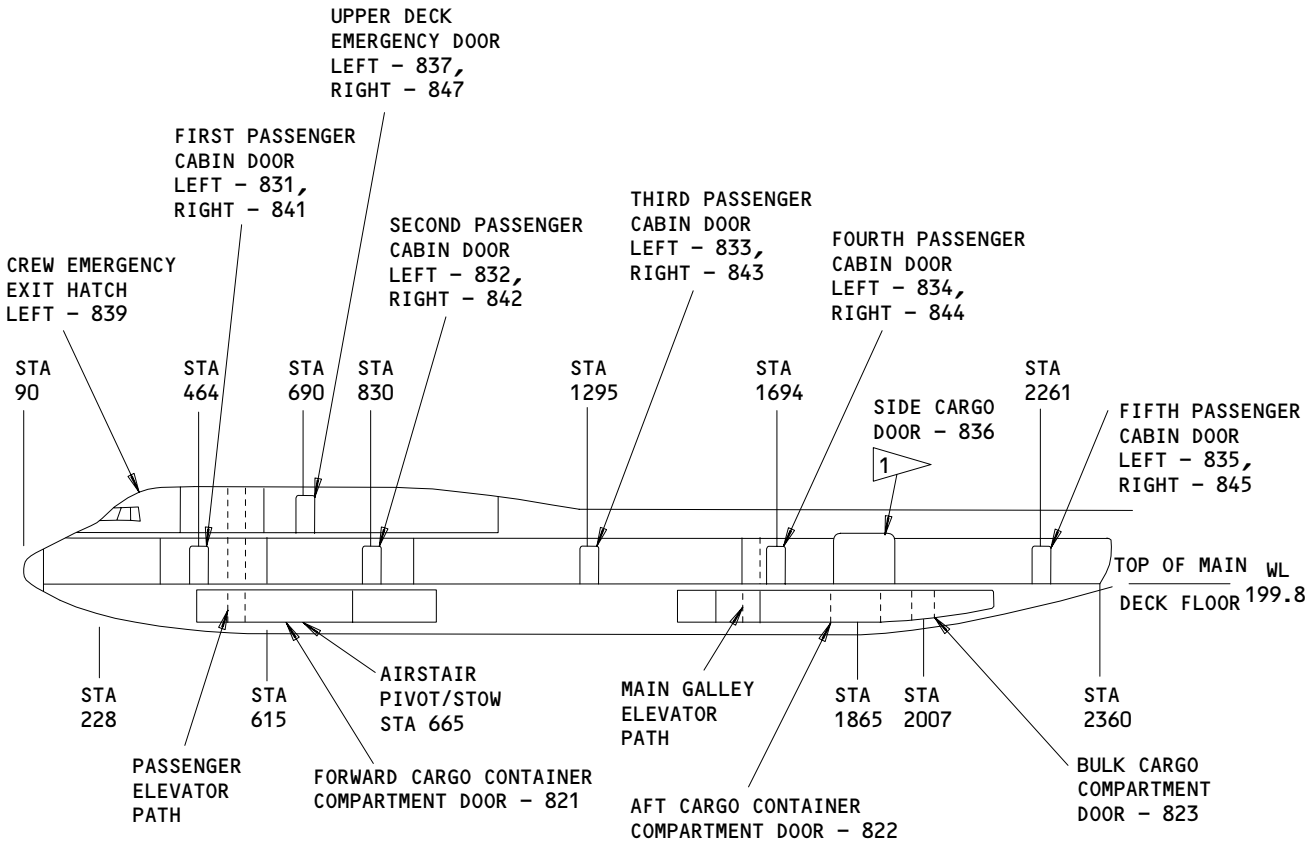




Major Zone Landing Gear and Landing Gear Doors
Figure 207 (Sheet 2)

MAJOR ZONE 800 - DOORS (PASSENGER - CREW - CARGO)	
SUBMAJOR ZONE	
810	LOWER HALF OF FUSELAGE, LH SIDE FROM STA 90 TO STA 2360
820	LOWER HALF OF FUSELAGE, RH SIDE FROM STA 90 TO STA 2360
830	UPPER HALF OF FUSELAGE, LH SIDE FROM STA 134.75 TO STA 2360
840	UPPER HALF OF FUSELAGE, RH SIDE FROM STA 134.75 TO STA 2360

Major Zone 800 - Doors
Figure 208 (Sheet 1)



1 ON ALL COMBI-AIRPLANES

Major Zone 800 - Doors
Figure 208 (Sheet 2)

BODY SECTION 41 ACCESS DOORS AND PANELS - MAINTENANCE PRACTICES

1. General

A. The top collector drawing number for the access doors and panel is: 140U0400

TASK 06-09-01-912-001

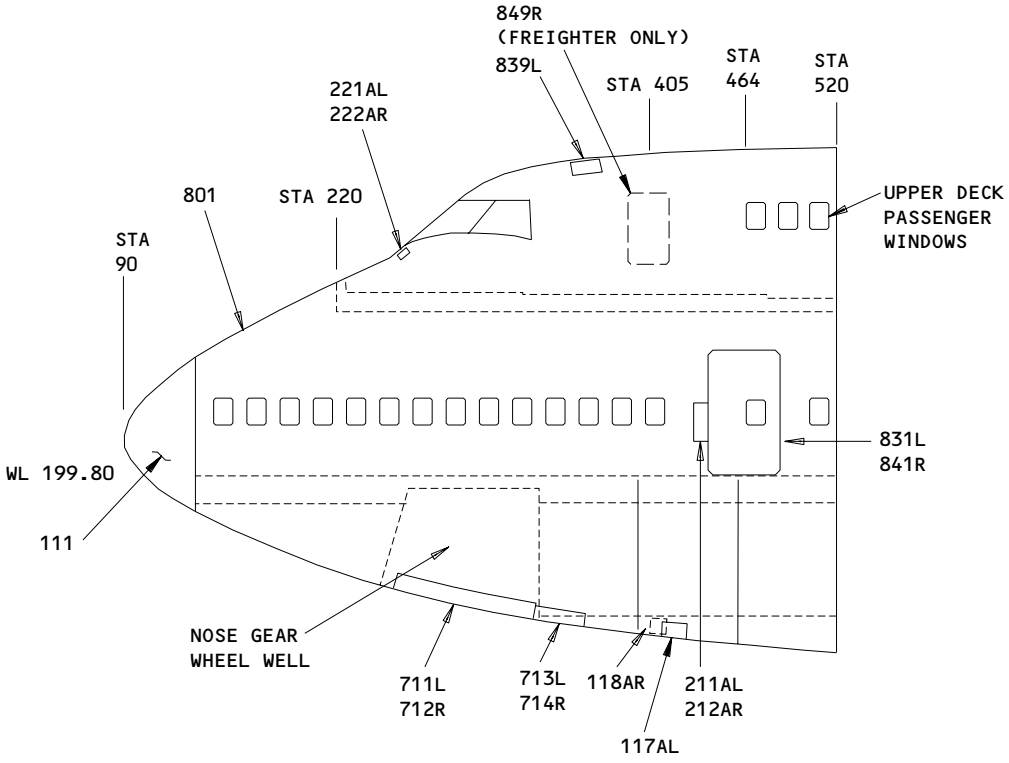
2. Body Section 41 Access Doors and Panels

A. General

(1) For the Location of Access doors and panels, see Fig. 201.

PANEL NO.	TITLE
111	RADOME
117A	DOOR - ACCESS - ELECTRONIC COMPARTMENT
118A	DOOR - ACCESS - EXTERIOR POWER RECEPTACLE
211A	PANEL - ACCESS - DOOR MAINTENANCE
212A	PANEL - ACCESS - DOOR MAINTENANCE
221A	PANEL - ACCESS - WINDSHIELD WIPER
222A	PANEL - ACCESS - WINDSHIELD WIPER
711*	DOOR - FWD - LEFT NOSE WHEEL WELL
712*	DOOR - FWD - RIGHT NOSE WHEEL WELL
713*	DOOR - AFT - LEFT NOSE WHEEL WELL
714*	DOOR - AFT - RIGHT NOSE WHEEL WELL
801	DOOR - NOSE CARGO (FREIGHTER ONLY)
831*	DOOR - MAIN ENTRY #1
839	HATCH - CONTROL CABIN OVERHEAD
841*	DOOR - MAIN ENTRY #1
849	DOOR - CREW SERVICE (FREIGHTER ONLY)

*THIS NUMBER IS NOT PAINTED ON THE AIRPLANE PANEL.



LEFT SIDE VIEW

NOTE: IN THIS FIGURE, AN "L" OR AN "R" IDENTIFIES THE LEFT OR RIGHT SIDE OF THE AIRPLANE. THERE IS NO "L" OR "R" PAINTED ON THE PANELS.

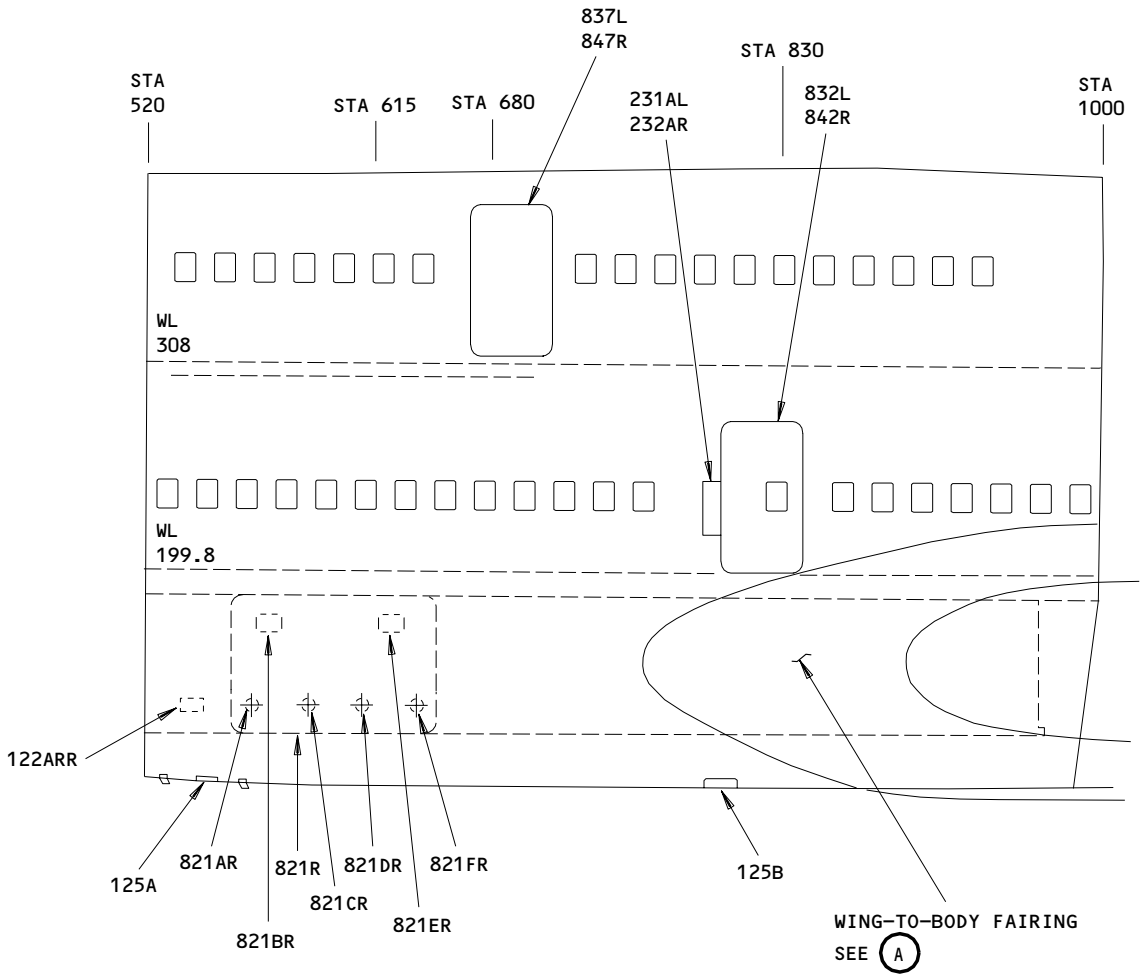
Body Section 41 Access Doors and Panels
Figure 201

BODY SECTION 42 ACCESS DOORS AND PANELS - MAINTENANCE PRACTICES

1. General
   A. The top collector drawing number for the access doors and panel is: 140U0400

TASK 06-09-02-912-001

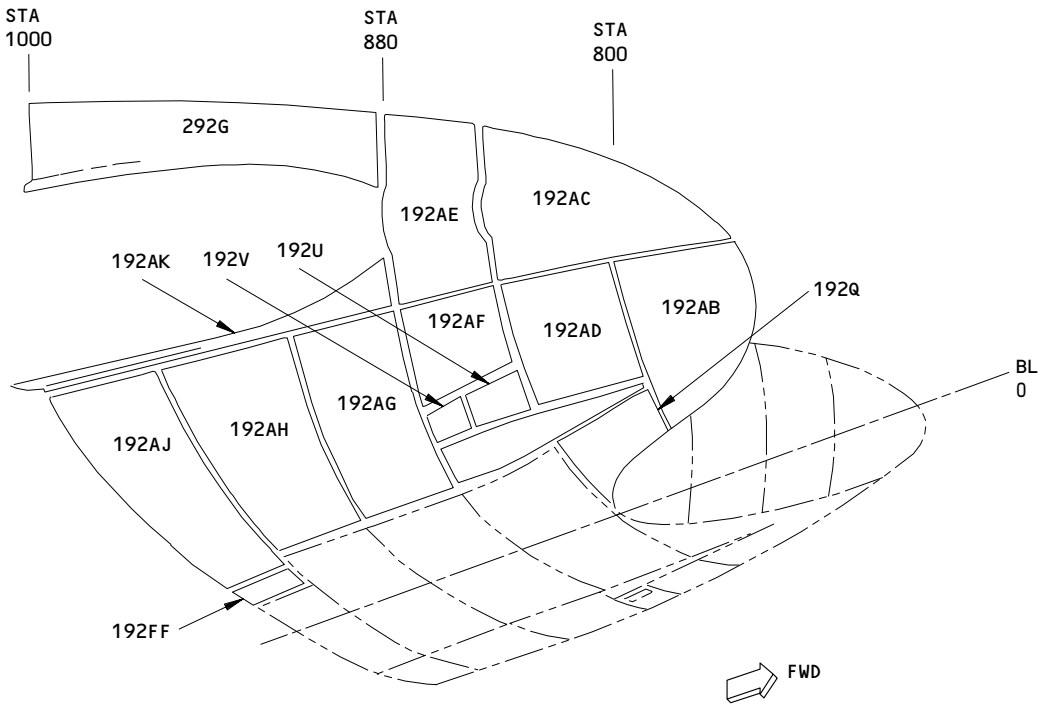
2. Body Section 42 Access Doors and Panels
   A. General
      (1) For the Location of Access doors and panels, see Fig. 201.



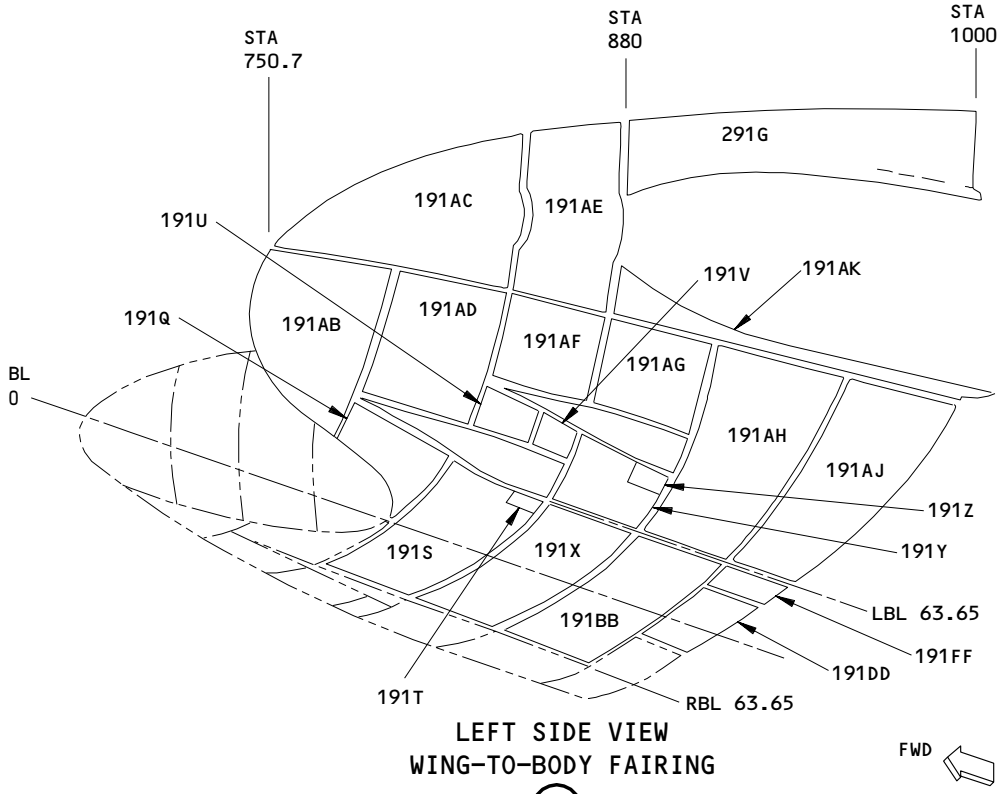
LEFT SIDE VIEW

NOTE: IN THIS FIGURE, AN "L" OR AN "R" IDENTIFIES THE LEFT OR RIGHT SIDE OF THE AIRPLANE. THERE IS NO "L" OR "R" PAINTED ON THE PANELS.

Body Section 42 Access Doors and Panels
Figure 201 (Sheet 1)



RIGHT SIDE VIEW



LEFT SIDE VIEW
WING-TO-BODY FAIRING

(A)

Body Section 42 Access Doors and Panels
Figure 201 (Sheet 2)

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
–	122A	DOOR – ACCESS FORWARD CARGO DOOR CONTROL SWITCH
125A	–	DOOR SERVICE FORWARD LAVATORY
125B	–	ACCESS DOOR ELECTRONICS
191QL	192QR	PANEL – WING/BODY FAIRING SEC 42
191SL	–	PANEL – WING/BODY FAIRING SEC 42
191TL	–	PANEL – WING/BODY FAIRING SEC 42 – DRAIN MAST
191UL	192UR	PANEL – WING/BODY FAIRING SEC 42
191VL	192VR	PANEL – WING/BODY FAIRING SEC 42
191XL	–	PANEL – WING/BODY FAIRING SEC 42
191YL	–	PANEL – WING/BODY FAIRING SEC 42
191ZL	–	PANEL – WING/BODY FAIRING SEC 42
191ABL	192ABR	PANEL – WING/BODY FAIRING
191ACL	192ACR	PANEL – WING/BODY FAIRING
191ADL	192ADR	PANEL – WING/BODY FAIRING
191AEL	192AER	PANEL – WING/BODY FAIRING
191AFL	192AFR	PANEL – WING/BODY FAIRING
191AGL	192AGR	PANEL – WING/BODY FAIRING
191AJL	192AJR	PANEL – WING/BODY FAIRING
191AHL	192AHR	PANEL – WING/BODY FAIRING
191AKL	192AKR	PANEL – WING/BODY FAIRING
191ALL	192ALR	DOOR – RAM AIR INLET
191AML		DOOR – RAM AIR INLET
191BBL	–	PANEL – WING/BODY FAIRING
191DDL	–	PANEL – WING/BODY FAIRING
191FFL	192FFR	PANEL – WING/BODY FAIRING
231AL	232AR	PANEL – ACCESS – DOOR MAINTENANCE
291GL	292GR	PANEL – WING/BODY FAIRING
–	821R*	DOOR – FORWARD CARGO COMPARTMENT
–	821AR*	PANEL – ACCESS CARGO DOOR MAINTENANCE
–	821BR*	DOOR – PRESSURE RELIEF VALVE
–	821CR*	PANEL – ACCESS CARGO DOOR MAINTENANCE
–	821DR*	PANEL – ACCESS CARGO DOOR MAINTENANCE
–	821ER*	DOOR – PRESSURE RELIEF VALVE
–	821FR*	PANEL – ACCESS CARGO DOOR MAINTENANCE
832*	842*	DOOR – #2 MAIN ENTRY
837	847	DOOR – UPPER DECK

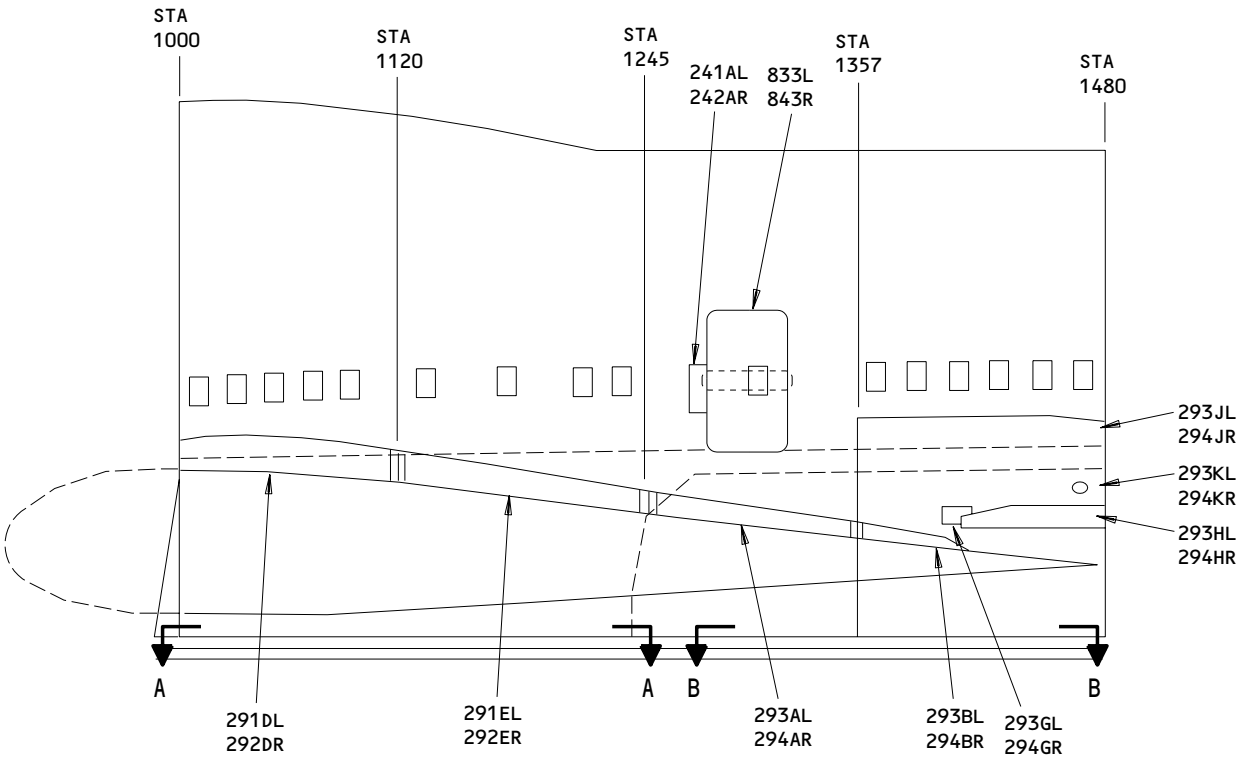
* This information is not marked on airplane and is given for service information only.

BODY SECTION 44 ACCESS DOORS AND PANELS - MAINTENANCE PRACTICES

1. General
   A. The top collector drawing number for the access doors and panel is: 140U0400

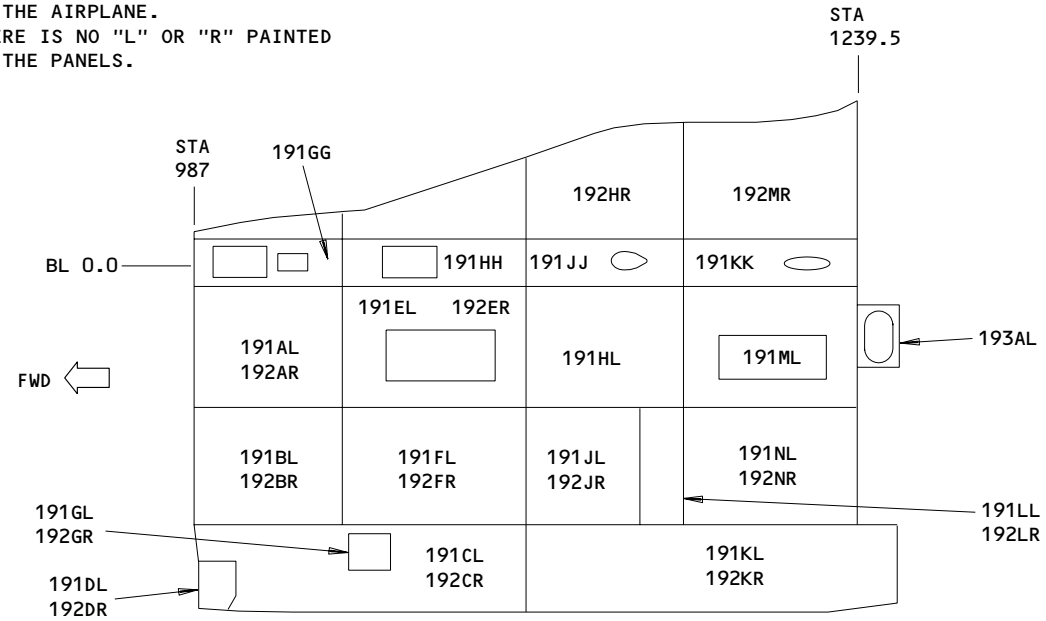
TASK 06-09-03-912-001

2. Body Section 44 Access Doors and Panels
   A. General
      (1) For the Location of Access doors and panels, see Fig. 201.



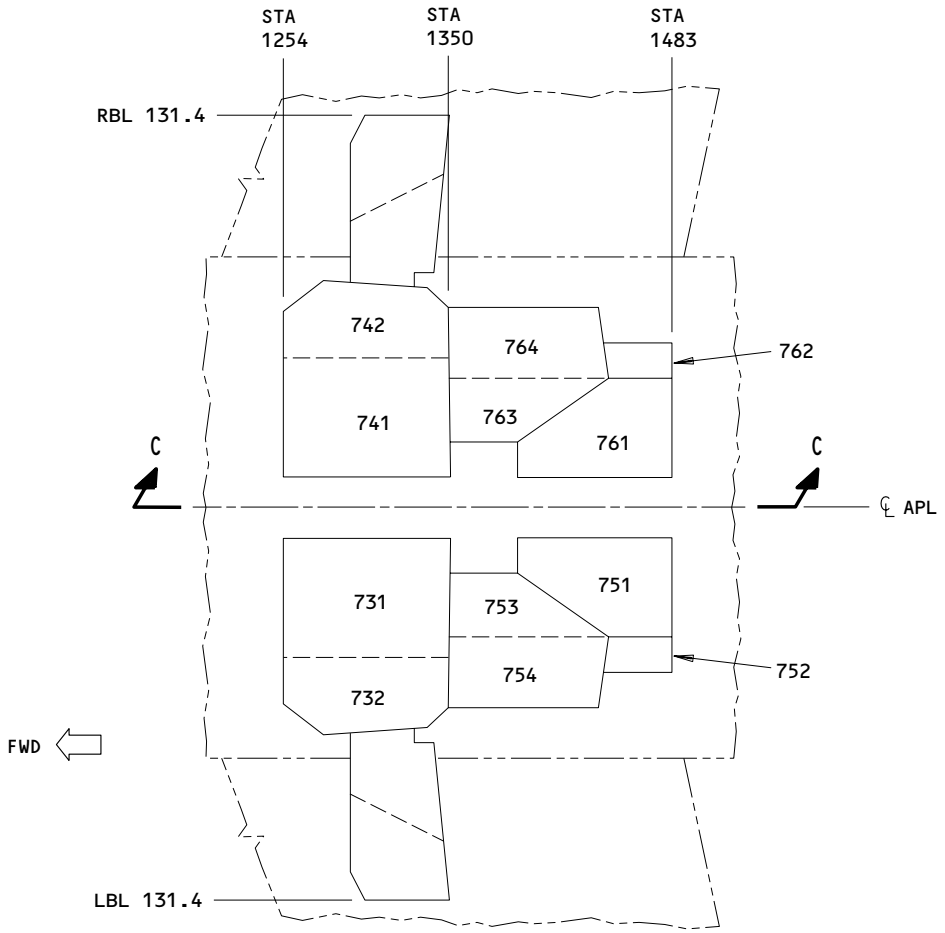
LEFT SIDE VIEW

NOTE: IN THIS FIGURE, AN "L" OR AN "R" IDENTIFIES THE LEFT OR RIGHT SIDE OF THE AIRPLANE. THERE IS NO "L" OR "R" PAINTED ON THE PANELS.

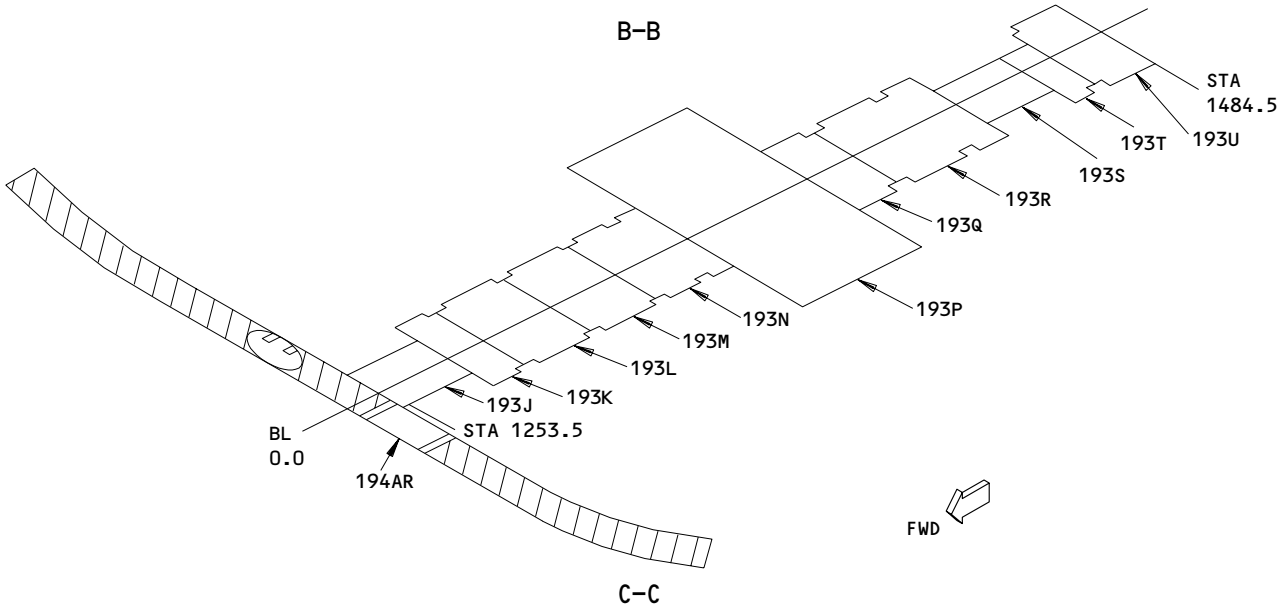


VIEW LOOKING DOWN
A-A

Body Section 44 Access Doors and Panels
Figure 201 (Sheet 1)



B-B



C-C

Body Section 44 Access Doors and Panels
Figure 201 (Sheet 2)

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
191AL	192AR	DOOR - ACCESS - AIR CONDITIONING
191BL	192BR	PANEL - ACCESS - AIR CONDITIONING
191CL	192CR	PANEL - ACCESS FAIRING
191DL	192DR	PANEL _ ACCESS - JACK PAD
191EL	192ER	PANEL - ACCESS - AIR CONDITIONING
191FL	192FR	PANEL - ACCESS - AIR CONDITIONING
191GL	192GR	DOOR - ACCESS - FUEL DRAIN AND DRIPSTICK
191HL	192HR	DOOR - ACCESS - AIR CONDITIONING
191JL	192JR	PANEL - PRESSURE RELIEF
191KL	192KR	PANEL - ACCESS FAIRING
191LL	192LR	PANEL - ACCESS - AIR CONDITIONING
191ML	192MR	PANEL - ACCESS _ AIR CONDITIONING
191NL	192NR	DOOR - ACCESS - AIR CONDITIONING
191GG	-	PANEL - ACCESS - KEEL BEAM
191HH	-	PANEL - ACCESS - KEEL BEAM
191JJ	-	PANEL - ACCESS - KEEL BEAM
191KK	-	PANEL - ACCESS - KEEL BEAM
193AL	-	DOOR - GROUND - PNEUMATIC AIR
193J	-	PANEL - ACCESS - KEEL BEAM
193K	-	PANEL - ACCESS - KEEL BEAM
193L	-	PANEL - ACCESS - KEEL BEAM
193M	-	PANEL - ACCESS - KEEL BEAM
193N	-	PANEL - ACCESS - KEEL BEAM
193P	-	PANEL - ACCESS - KEEL BEAM
193Q	-	PANEL - ACCESS - KEEL BEAM

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
193R	-	PANEL - ACCESS - KEEL BEAM
193S	-	PANEL - ACCESS - KEEL BEAM
193T	-	PANEL - ACCESS - KEEL BEAM
193U	-	PANEL - ACCESS - KEEL BEAM
241AL	242RL	PANEL - ACCESS - DOOR MAINTENANCE
291DL	292DR	PANEL - WING/BODY FAIRING
291EL	292ER	PANEL - WING/BODY FAIRING
293AL	294AR	PANEL - WING/BODY FAIRING
293BL	294BR	PANEL - WING/BODY FAIRING
293GL	294GR	PANEL - ACCESS - OFF WING ESCAPE
293HL	294HR	PANEL - ACCESS - OFF WING ESCAPE
293JL	294JR	PANEL - ACCESS - UPPER SIDE
293KL	294KR	PANEL - ACCESS - OFF WING ESCAPE
731L*	741R*	DOOR - WING LANDING GEAR - CENTER SEC INBOARD
732L*	742R*	DOOR - WING LANDING GEAR - CENTER SEC OUTBOARD
751L*	761R*	DOOR - BODY LANDING GEAR _ AFT INBOARD
752L*	762R*	DOOR - BODY LANDING GEAR - AFT OUTBOARD
753L*	763R*	DOOR - BODY LANDING GEAR - FORWARD INBOARD
754L*	764R*	DOOR - BODY LANDING GEAR - FORWARD OUTBOARD
833L*	843R*	DOOR - #3 MAIN ENTRY

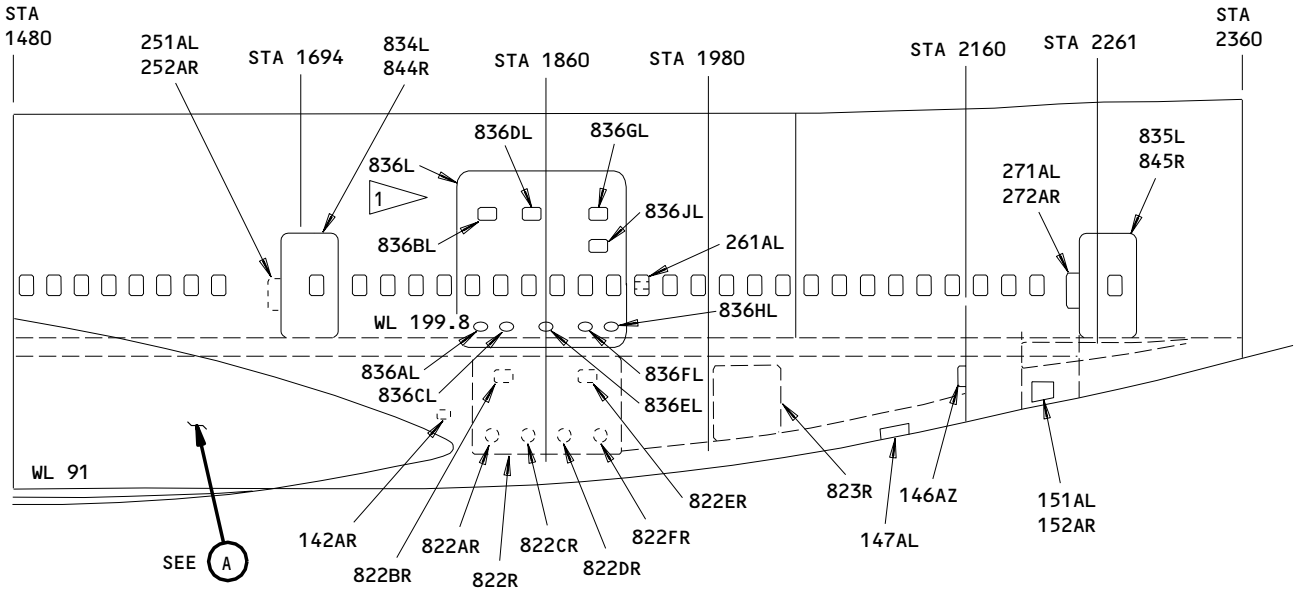
*This number is not marked on airplane and is given for service information only.

BODY SECTION 46 ACCESS DOORS AND PANELS - MAINTENANCE PRACTICES

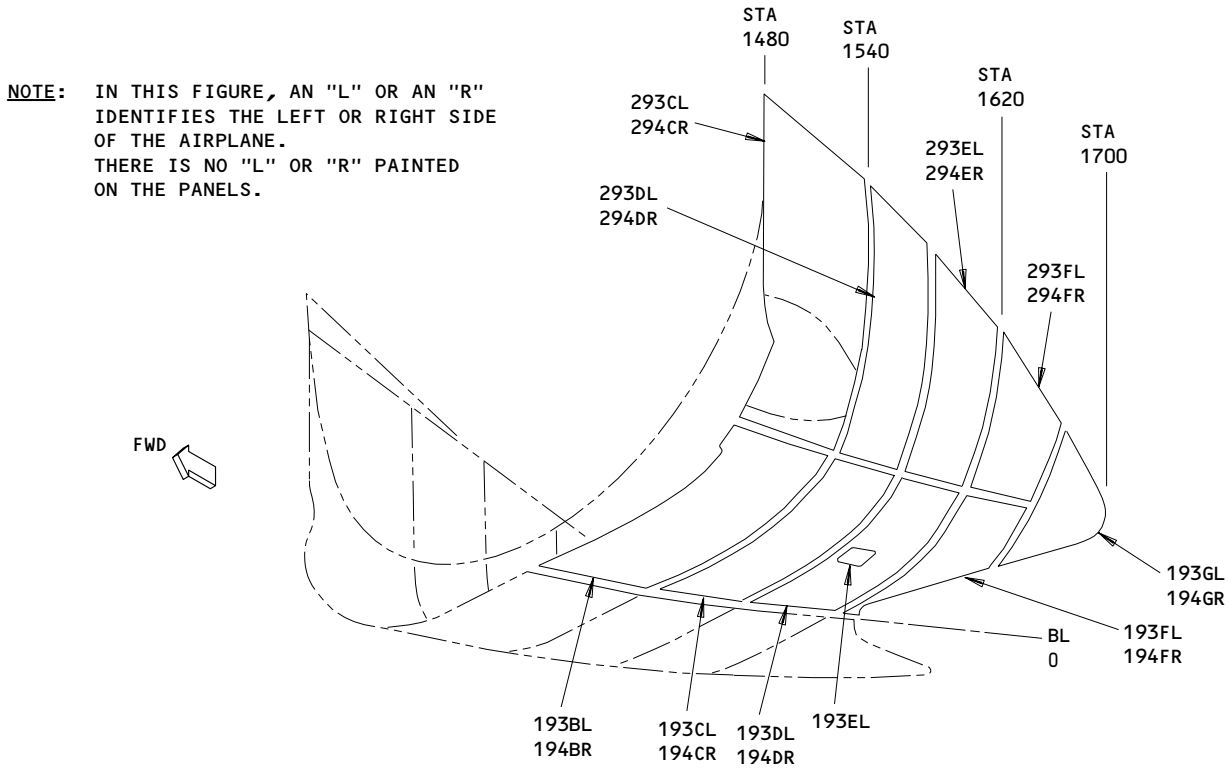
1. General
   A. The top collector drawing number for the access doors and panel is: 140U0400

TASK 06-09-04-912-001

2. Body Section 46 Access Doors and Panels
   A. General
      (1) For the Location of Access doors and panels, see Fig. 201.



LEFT SIDE VIEW



NOTE: IN THIS FIGURE, AN "L" OR AN "R" IDENTIFIES THE LEFT OR RIGHT SIDE OF THE AIRPLANE. THERE IS NO "L" OR "R" PAINTED ON THE PANELS.

WING-TO-BODY FAIRING

A

1 ON ALL COMBI-AIRPLANES

Body Section 46 Access Doors and Panels
Figure 201

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
–	142AR	DOOR – ACCESS – CONTROL SWITCH AFT CARGO DOOR
146AZ	–	DOOR – ACCESS STA 2160 BULKHEAD
147AL	–	DOOR – SERVICE AFT LAVATORY STA 2010
151AL*	152AR*	DOOR – VALVE OUTFLOW STA 2210
193BL	194BR	PANEL – WING/BODY FAIRING
193CL	194CR	PANEL – WING/BODY FAIRING
193DL	194DR	PANEL – WING/BODY FAIRING
193EL	–	DOOR – ACCESS – WATER DRAIN
193FL	194FR	PANEL – WING/BODY FAIRING
193GL	194GR	PANEL – WING/BODY FAIRING
251AL	252AR	PANEL – ACCESS – DOOR MAINTENANCE
271AL	272AR	PANEL – ACCESS – DOOR MAINTENANCE
293CL	294CR	PANEL – WING/BODY FAIRING
293DL	294DR	PANEL – WING/BODY FAIRING
293EL	294ER	PANEL – WING/BODY FAIRING
293FL	294FR	PANEL – WING/BODY FAIRING
	822R*	DOOR – AFT CARGO COMPARTMENT
	822A*	PANEL – ACCESS – CARGO DOOR MAINTENANCE
	822B*	DOOR – PRESSURE RELIEF VALVE
	822C*	PANEL – ACCESS – CARGO DOOR MAINTENANCE
	822D*	PANEL – ACCESS – CARGO DOOR MAINTENANCE
	822E*	DOOR – PRESSURE RELIEF VALVE
	822F*	PANEL – ACCESS – CARGO DOOR MAINTENANC
	823R*	DOOR – BULK CARGO COMPARTMENT
	823A*	PANEL – ACCESS – BULK CARGO COMPARTMENT DOOR
	823B*	PANEL – ACCESS – BULK CARGO COMPARTMENT DOOR
834L*	844R*	DOOR – #4 MAIN ENTRY
835L*	845R*	DOOR – #5 MAIN ENTRY

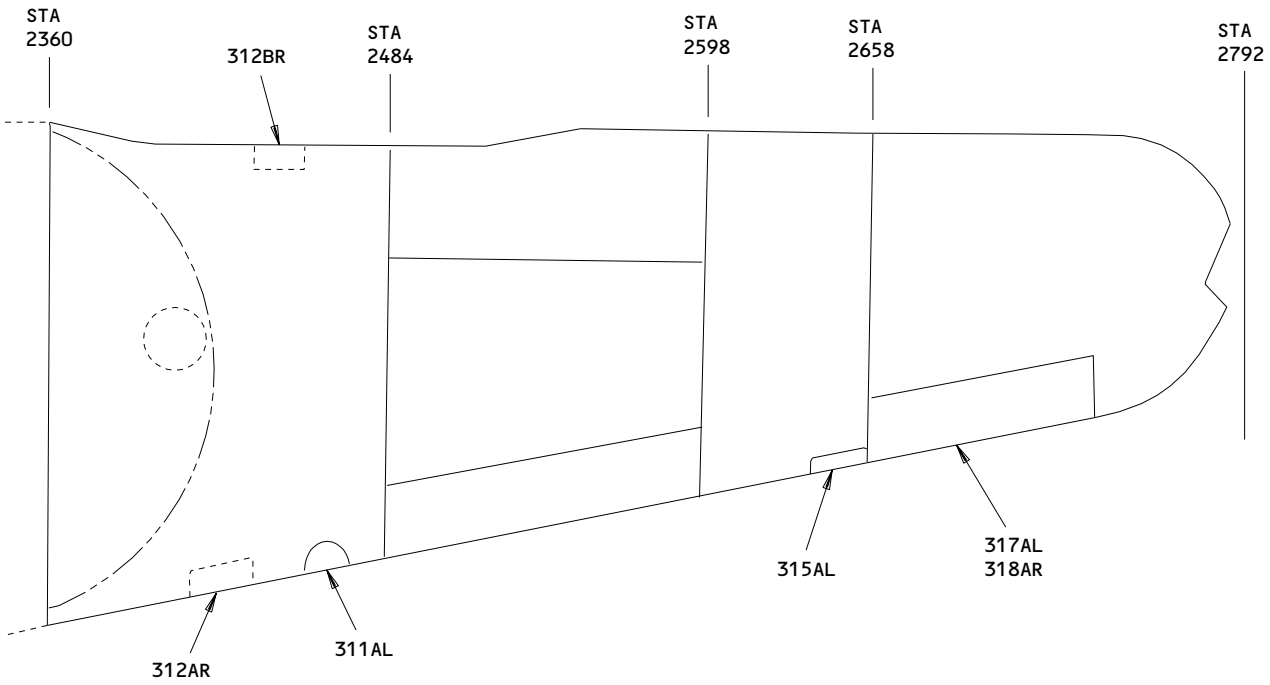
*This Number Is Not Marked On Airplane and Is Given for Service Information Only.

BODY SECTION 48 ACCESS DOORS AND PANELS - MAINTENANCE PRACTICES

1. General
   A. The top collector drawing number for the access doors and panel is: 140U0400

TASK 06-09-05-912-001

2. Body Section 48 Access Doors and Panels
   A. General
      (1) For the Location of access doors and panels, see Fig. 201.



LEFT SIDE VIEW

NOTE: IN THIS FIGURE, AN "L" OR AN "R" IDENTIFIES THE LEFT OR RIGHT SIDE OF THE AIRPLANE. THERE IS NO "L" OR "R" PAINTED ON THE PANELS.

PANEL NO.	TITLE
311A	PANEL – ACCESS
312A	DOOR – ACCESS–JACKSCREW HORIZONTAL STABILIZER
312BR	ACCESS – COVER
315A	DOOR – ACCESS
317A*	DOOR – ACCESS–APU
318A*	DOOR – ACCESS–APU

* THIS NUMBER IS NOT PAINTED ON THE AIRPLANE PANEL.

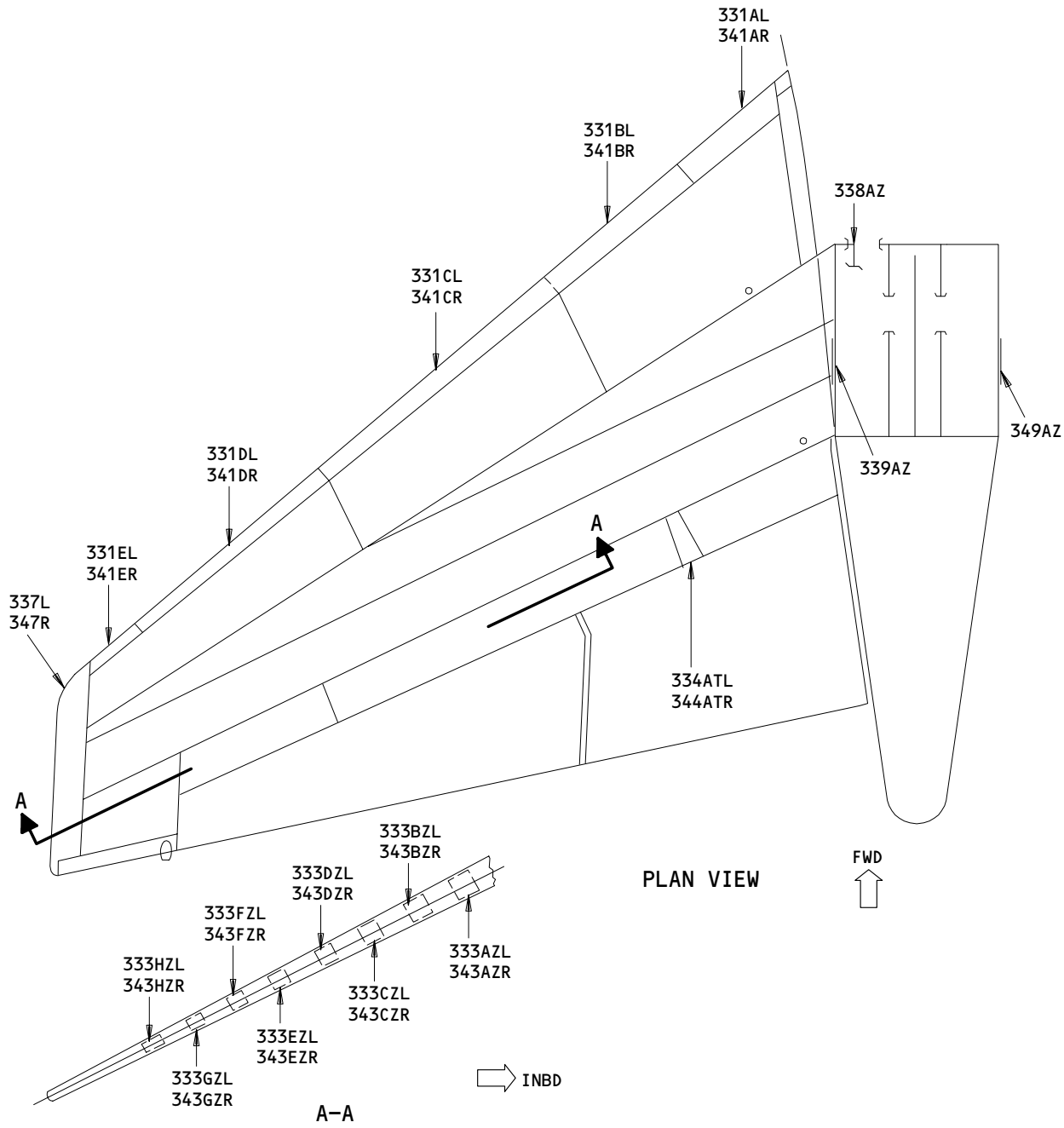
Body Section 48 Access Doors and Panels
Figure 201

STABILIZER AND ELEVATOR ACCESS DOORS AND PANELS - MAINTENANCE PRACTICES

1. General
   A. The top collector drawing number for the access doors and panel is: 140U0400
   B. This procedure has this task:
      (1) Stabilizer and elevator access door and panels.

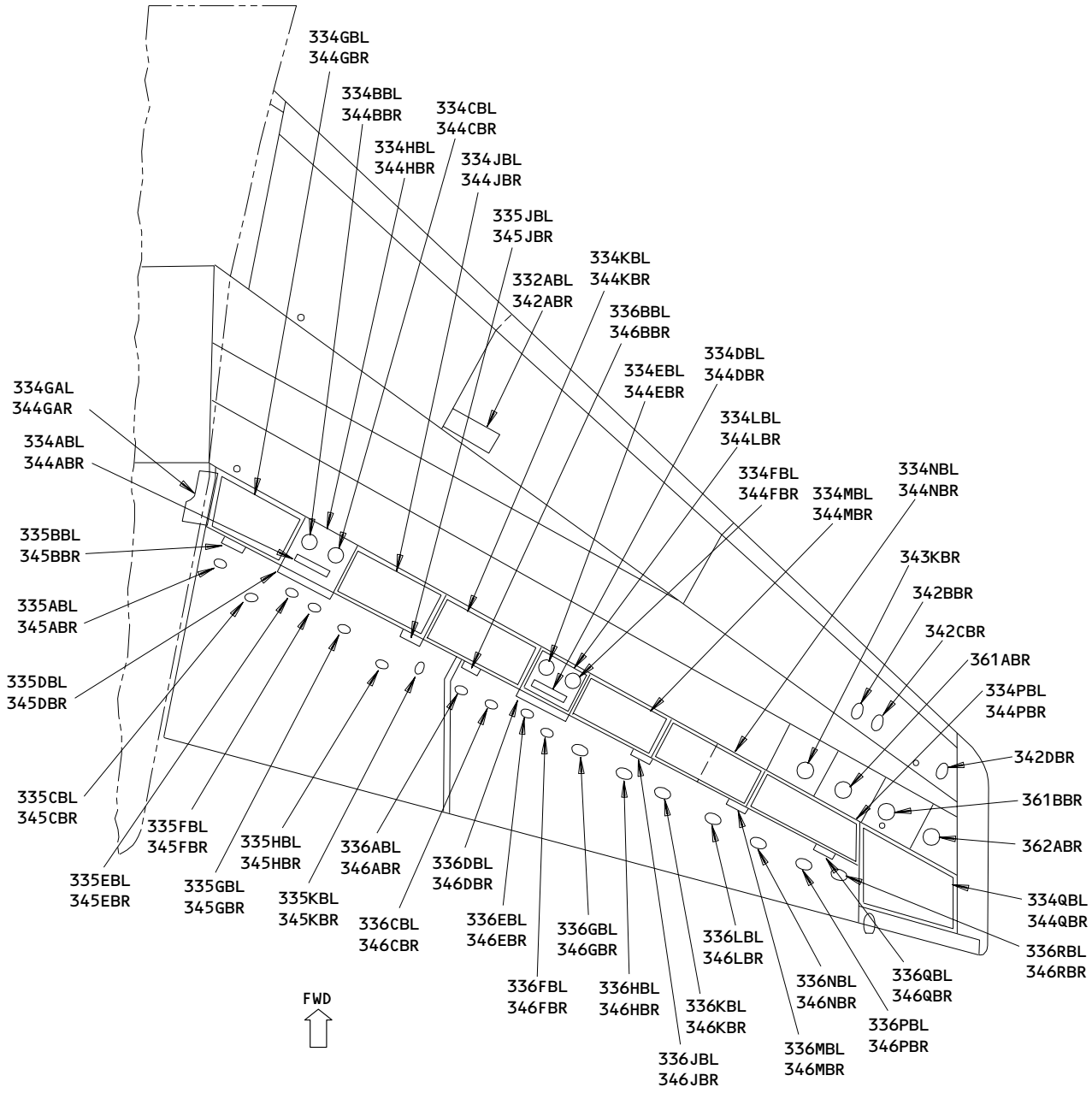
TASK 06-09-06-912-001

2. Stabilizer and Elevator Access Door and Panels
   A. General
      (1) For the location of access doors and panels, see Fig. 201.



NOTE: IN THIS FIGURE, AN "L" OR AN "R" IDENTIFIES THE LEFT OR RIGHT SIDE OF THE AIRPLANE. THERE IS NO "L" OR "R" PAINTED ON THE PANELS.

Stabilizer and Elevator Access Doors and Panels
Figure 201 (Sheet 1)



BOTTOM VIEW

NOTE: IN THIS FIGURE, AN "L" OR AN "R" IDENTIFIES THE LEFT OR RIGHT SIDE OF THE AIRPLANE. THERE IS NO "L" OR "R" PAINTED ON THE PANELS.

Stabilizer and Elevator Access Doors and Panels
Figure 201 (Sheet 2)

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
331A*	341A*	REMOVABLE LEADING EDGE
331B*	341B*	REMOVABLE LEADING EDGE
331C*	341C*	REMOVABLE LEADING EDGE
331D*	341D*	REMOVABLE LEADING EDGE
331E*	341E*	REMOVABLE LEADING EDGE
332AB	342AB	DOOR-ACCESS-STRUCTURE
	342BB	DOOR-ACCESS-STRUCTURE
	342CB	DOOR-ACCESS-STRUCTURE
	342DB	DOOR-ACCESS-STRUCTURE
333AZ	343AZ	DOOR-ACCESS-STRUCTURE
333BZ	343BZ	DOOR-ACCESS-STRUCTURE
333CZ	343CZ	DOOR-ACCESS-STRUCTURE
333DZ	343DZ	DOOR-ACCESS-STRUCTURE
333EZ	343EZ	DOOR-ACCESS-STRUCTURE
333FZ	343FZ	DOOR-ACCESS-STRUCTURE
333GZ	343GZ	DOOR-ACCESS-STRUCTURE
333HZ	343HZ	DOOR-ACCESS-STRUCTURE
	343KB	DOOR-ACCESS
334AB	344AB	PANEL-ACCESS-ELEVATOR ACTUATOR
334AT	344AT	PANEL-ACCESS-INBOARD ELEVATOR ACTUATOR
334BB	344BB	PANEL-INSPECTION-POWER CONTROL
334CB	344CB	PANEL-INSPECTION-POWER CONTROL
334DB	344DB	PANEL-ACCESS-ELEVATOR ACTUATOR
334EB	344EB	PANEL-INSPECTION-POWER CONTROL
334FB	344FB	PANEL-INSPECTION-POWER CONTROL
334GAL	344GAR	AFT SEAL SUPPORT HORITZ STAB. TO BODY
334GB	344GB	PANEL-ACCESS, HORIZONTAL STAB. TRAILING EDGE
334HB	344HB	PANEL-ACCESS, INBOARD ELEVATOR ACTUATOR
334JB	344JB	PANEL-ACCESS, HORIZONTAL STAB. TRAILING EDGE
334KB	344KB	PANEL-ACCESS, HORIZONTAL STAB. TRAILING EDGE
334LB	344LB	PANEL-ACCESS, HORIZONTAL STAB. TRAILING EDGE
334MB	344MB	PANEL-ACCESS, HORIZONTAL STAB. TRAILING EDGE
334NB	344NB	PANEL-ACCESS, HORIZONTAL STAB. TRAILING EDGE
334PB	344PB	PANEL-ACCESS, HORIZONTAL STAB. TRAILING EDGE
334QB	344QB	PANEL-ACCESS, HORIZONTAL STAB. TRAILING EDGE

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
335AB	345AB	DOOR-ACCESS-STRUCTURE
335BB	345BB	DOOR-ACCESS-MAINTENANCE-LEADING EDGE HINGE
335CB	335CB	DOOR-ACCESS-STRUCTURE
335DB	335DB	DOOR-ACCESS-LEADING EDGE ACTUATOR
335EB	345EB	DOOR-ACCESS-STRUCTURE
335FB	345FB	DOOR-ACCESS-STRUCTURE
335GB	345GB	DOOR-ACCESS-STRUCTURE
335HB	345HB	DOOR-ACCESS-STRUCTURE
335JB	345JB	DOOR-ACCESS-MAINTENANCE-LEADING EDGE HINGE
335KB	345KB	DOOR-ACCESS-STRUCTURE
336AB	346AB	DOOR-ACCESS-STRUCTURE
336BB	346BB	DOOR-ACCESS-MAINTENANCE-LEADING EDGE HINGE
336CB	346CB	DOOR-ACCESS-STRUCTURE
336DB	346DB	DOOR-ACCESS-LEADING EDGE ACTUATOR
336EB	346EB	DOOR-ACCESS-STRUCTURE
336FB	346FB	DOOR-ACCESS-STRUCTURE
336GB	346GB	DOOR-ACCESS-STRUCTURE
336HB	346HB	DOOR-ACCESS-STRUCTURE
336JB	346JB	DOOR-ACCESS-MAINTENANCE-LEADING EDGE HINGE
336KB	346KB	DOOR-ACCESS-STRUCTURE
336LB	346LB	DOOR-ACCESS-STRUCTURE
336MB	346MB	DOOR-ACCESS-MAINTENANCE-LEADING EDGE HINGE
336NB	346NB	DOOR-ACCESS-STRUCTURE
336PB	346PB	DOOR-ACCESS-STRUCTURE
336QB	346QB	DOOR-ACCESS-MAINTENANCE-LEADING EDGE HINGE
336RB	346RB	DOOR-ACCESS-STRUCTURE
337L*	347R*	REMOVABLE HORIZONTAL WINGTIP
338AZ		DOOR-ACCESS CENTER SECTION HORIZONTAL STABILIZER
339AZ	349AZ	DOOR-ACCESS-STRUCTURE
	361AB	DOOR-ACCESS
	361BB	DOOR-ACCESS
	362AB	DOOR-ACCESS

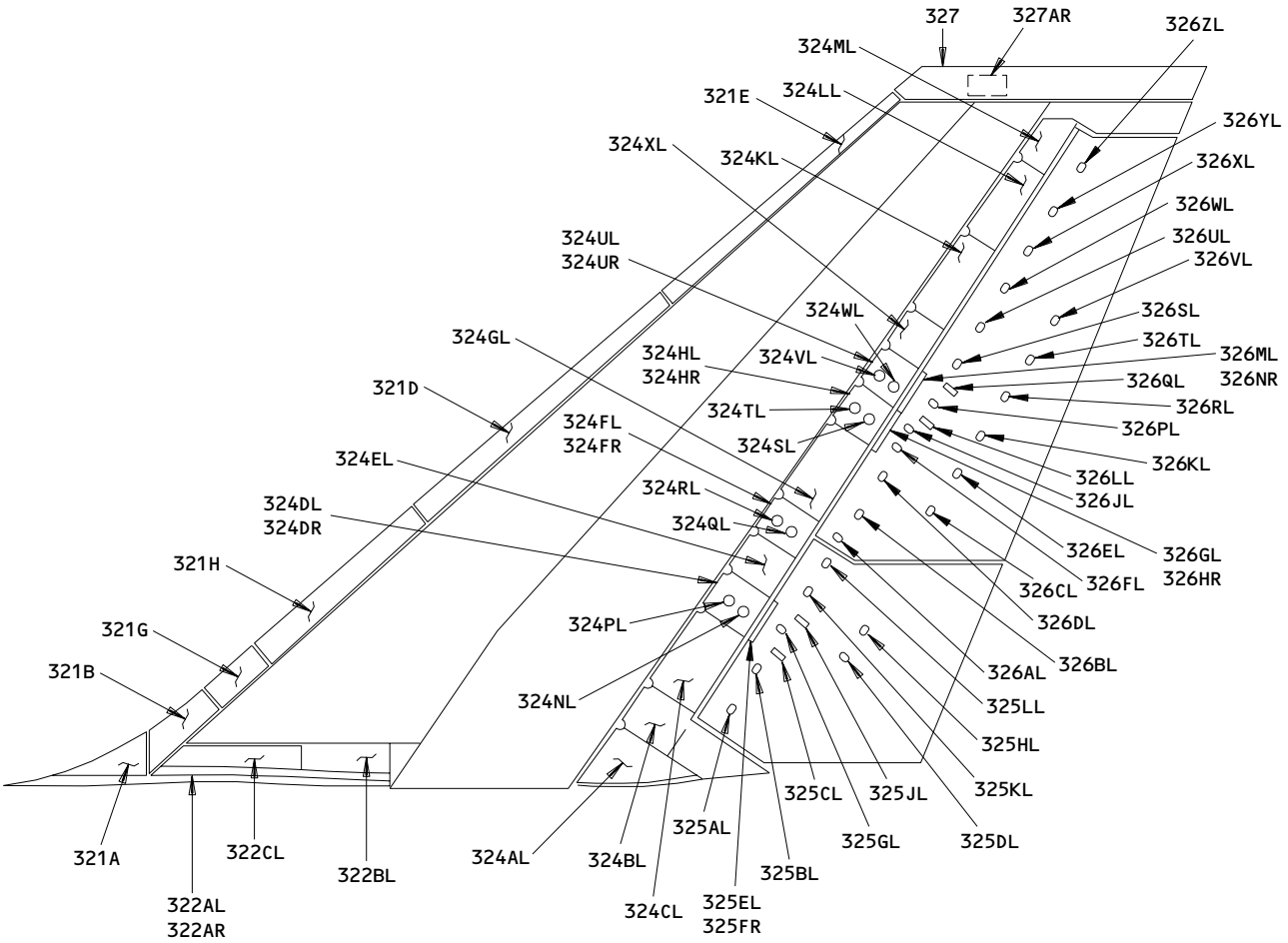
*This number is not painted on the airplane panel.

FIN AND RUDDER ACCESS DOORS AND PANELS - MAINTENANCE PRACTICES

1. General
   A. The top collector drawing number for the access doors and panel is: 140U0400

TASK 06-09-07-912-001

2. Fin and Rudder Access Doors and Panels
   A. General
      (1) For the location of access doors and panels, see Fig. 201.



NOTE: IN THIS FIGURE, AN L OR AN R IDENTIFIES THE LEFT OR RIGHT SIDE OF THE AIRPLANE. PANELS WITHOUT AN L OR AN R ARE ON THE CENTERLINE.

Fin and Rudder Access Doors and Panels
Figure 201

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
321A		Fin - Dorsal - Removable Side Load Link Access
321B		Leading Edge - Removable
321D		Leading Edge - Removable
321E		Leading Edge - Removable
321G		Leading Edge - Removable
321H		Leading Edge - Removable
322AL	322AR	Panel - Access - Seal
322BL		Panel - Access - Inspection
322CL		Panel - Access - Side Load Link
324AL		Panel - Access - Inspection
324BL		Panel - Access - Inspection
324CL		Panel - Access - Inspection
324DL		Panel - Access - Inspection
	324DR	Panel - Access - Rudder Actuator
324EL		Panel - Access - Inspection
324FL		Panel - Access - Inspection
	324FR	Panel - Access - Centering Mechanism
324GL		Panel - Access - Inspection
324HL		Panel - Access - Inspection
	324HR	Panel - Access - Centering Mechanism
324KL		Panel - Access - Inspection
324LL		Panel - Access - Inspection
324ML		Panel - Access - Inspection
324NL		Panel - Access - Inspection

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
324PL		Panel - Access - Inspection
324QL		Panel - Access - Inspection
324RL		Panel - Access - Inspection
324SL		Panel - Access - Inspection
324TL		Panel - Access - Inspection
324UL	324UR	Panel - Access - Inspection
324VL		Panel - Access - Inspection
324WL		Panel - Access - Inspection
324XL		Panel - Access - Inspection
325AL		Panel - Access - Rudder Maintenance
325BL		Panel - Access - Rudder Maintenance
325CL		Panel - Access - Rudder Maintenance
325DL		Panel - Access - Rudder Maintenance
325EL		Panel - Access - Rudder Maintenance
	325FR	Panel - Access - Rudder Maintenance
325GL		Panel - Access - Rudder Maintenance
325HL		Panel - Access - Rudder Maintenance
325JL		Panel - Access - Rudder Maintenance
325KL		Panel - Access - Rudder maintenance
325LL		Panel - Access - Rudder Maintenance
326AL		Panel - Access - Rudder Maintenance
326BL		Panel - Access - Rudder Maintenance
326CL		Panel - Access - Rudder Maintenance
326DL		Panel - Access - Rudder Maintenance
326EL		Panel - Access - Rudder Maintenance
326FL		Panel - Access - Rudder Maintenance
326GL		Panel - Access - Rudder Maintenance

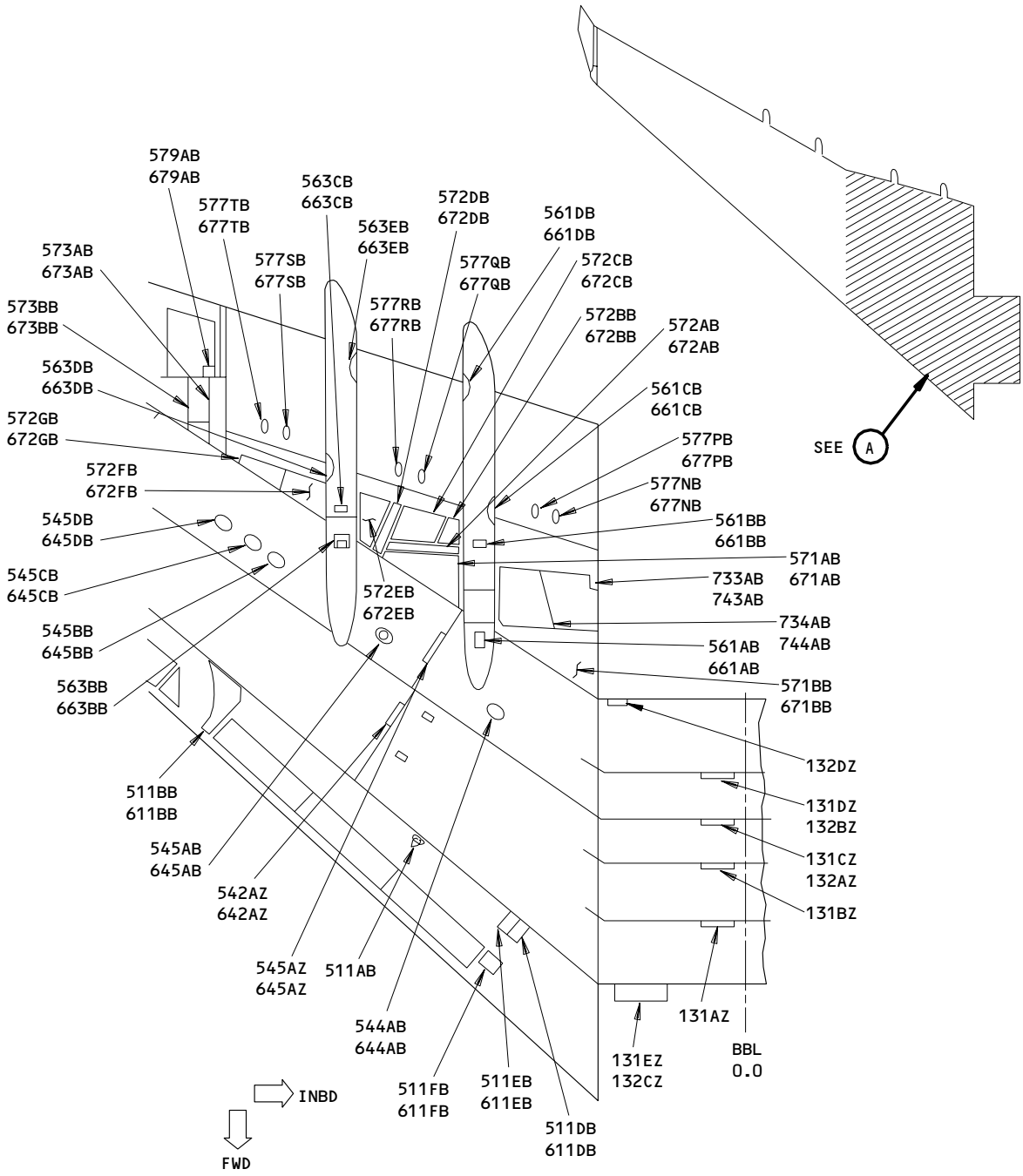
DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
	326HR	Panel - Access - Rudder Maintenance
326JL		Panel - Access - Rudder Maintenance
326KL		Panel - Access - Rudder Maintenance
326LL		Panel - Access - Rudder Maintenance
326ML		Panel - Access - Rudder Maintenance
	326NR	Paner - Access - Rudder Maintenance
326PL		Panel - Access - Rudder Maintenance
326QL		Panel - Access - Rudder Maintenance
326RL		Panel - Access - Rudder Maintenance
326SL		Panel - Access - Rudder Maintenance
326TL		Panel - Access - Rudder Maintenance
326UL		Panel - Access - Rudder Maintenance
326VL		Panel - Access - Rudder Maintenance
326WL		Panel - Access - Rudder Maintenance
326XL		Panel - Access - Rudder Maintenance
326YL		Panel - Access - Rudder Maintenance
326ZL		Panel - Access - Rudder Maintenance
327		Vertical Fin Tip
	327AR	Door - Access - VOR Antenna

WING ACCESS DOORS AND PANELS - MAINTENANCE PRACTICES

1. General
   A. The top collector drawing number for the access doors and panel is: 65B12986

TASK 06-09-08-912-001

2. Wing Access Doors and Panels
   A. General
      (1) For the location of access doors and panels, inboard of inboard engine, see Fig. 201.
      (2) For the location of access doors and panels between inboard and outboard engine, see Fig. 202.
      (3) For the location of access doors and panels outboard of the outboard engines, see Fig. 203.
      (4) For the location of access doors and panels for upper wing surface, see Fig. 204.



BOTTOM VIEW OF THE LOWER SURFACE

(A)

NOTES: THE 500 AND 131 NUMBER SERIES ARE USED WITH THE LEFT WING.

THE 600 AND 132 NUMBER SERIES ARE USED WITH THE RIGHT WING.

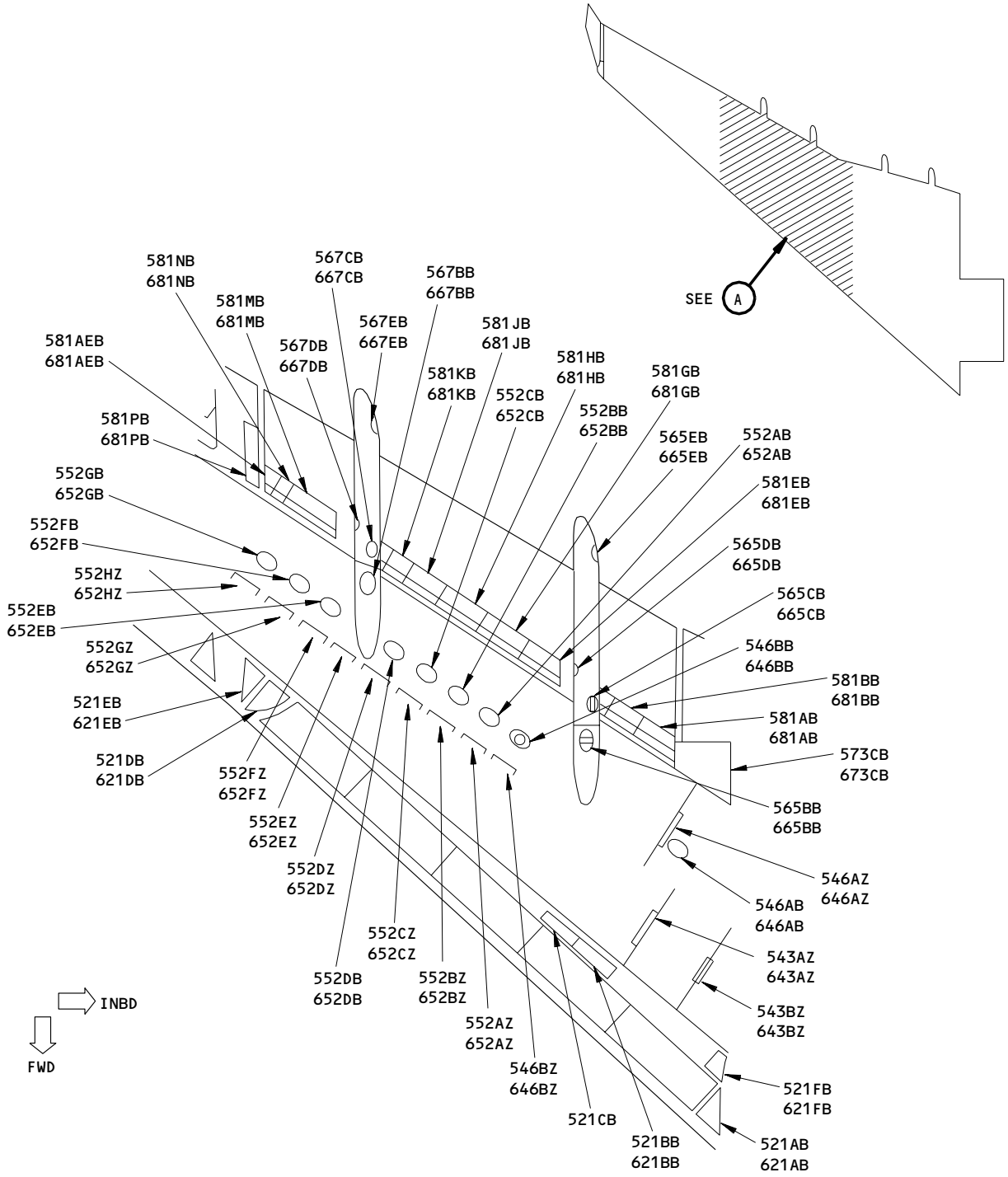
Wing Access Doors and Panels Inboard of Inboard Engines
Figure 201

TABLE I

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
131AZ	131AZ	Access Door - Spanwise Beam No. 3 Wing Center Section
131BZ	131BZ	Access Door - Spanwise Beam No. 2 Wing Center Section
131CZ	132AZ	Access Door - Mid Spar Wing Center Section
131DZ	132BZ	Access Door - Spanwise Beam No. 1 Wing Center Section
131EZ	132CZ	Access Door - Front Spar Wing Center Section
	132DZ	Access Panel - Rear Spar Purge
511AB	--	Access Panel - Spare Engine Mount
511BB	611BB	Access Panel - Lower, Inboard Nacelle
511DB	611DB	Access Panel - Krueger Flap Mechanism
511EB	611EB	Access Panel - Krueger Flap Mechanism
511FB	611FB	Access Panel - Inboard Leading Edge
542AZ	642AZ	Baffle - Fuel
543BZ	643BZ	Baffle - Fuel
544AB*	644AB*	Access Door - Fuel Tank
544AZ	644AZ	Access Door - Fuel Tank
545AB	645AB	Access Door - Fuel Tank with Dripstick
545BB*	645BB*	Access Door - Fuel Tank
545CB	645CB	Access Door - Boost Pump
545DB	645DB	Access Door - Boost Pump
545AZ	645AZ	Baffle - Fuel
561AB	661AB	Access Panel - Inbd Flap Track Fairing, Inbd Flaps
561BB	661BB	Access Panel - Movable Fairing Inbd Flap Track, Inbd Flaps
561CB	661CB	Access Panel - Movable Flap Track Fairing, Inbd Flaps
561DB	661DB	Access Panel - Movable Flap Track Fairing, Inbd Flaps
563BB	663BB	Access Panel - Outbd Flap Track Fairing, Inbd Flaps
563CB	663CB	Access Panel - Outbd Flap Track Fairing, Inbd Flaps
563DB	663DB	Access Panel - Movable Flap Track Fairing, Inbd Flaps
563EB	663EB	Access Panel - Movable Flap Track Fairing, Inbd Flaps
571AB	671AB	Access Panel - Trailing Edge Lower
571BB	671BB	Access Panel - Trailing Edge Inboard
572AB	672AB	Access Panel - Trailing Edge Lower
572BB	672BB	Access Panel - Trailing Edge Lower
572CB	672CB	Access Panel - Trailing Edge Lower
572DB	672DB	Access Panel - Trailing Edge Lower
572EB	672EB	Access Panel - Trailing Edge Lower
572FB	672FB	Access Panel - Trailing Edge Lower
572GB	672GB	Access Panel - Trailing Edge Lower
573AB	673AB	Access Panel - Inboard Aileron Actuator
573BB	673BB	Access Panel - Inboard Aileron Actuator
577NB	677NB	Access Door - Foreflap Track Roller
577PB	677PB	Access Door - Foreflap Track Roller

TABLE I		
DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
577QB	677QB	Access Door - Foreflap Track Roller
577RB	677RB	Access Door - Foreflap Track Roller
577SB	677SB	Access Door - Foreflap Track Roller
577TB	677TB	Access Door - Foreflap Track Roller
579AB	679AB	Coverplate - Inboard Aileron
733AB	743AB	Wing Landing Gear Door Panel - Inboard
734AB	744AB	Wing Landing Gear Door Panel - Outboard

* This number is not marked on airplane and is given for service information only



NOTES: THE 500 NUMBER SERIES IS USED WITH THE LEFT WING

THE 600 NUMBER SERIES IS USED WITH THE RIGHT WING

BOTTOM VIEW OF THE LOWER SURFACE

(A)

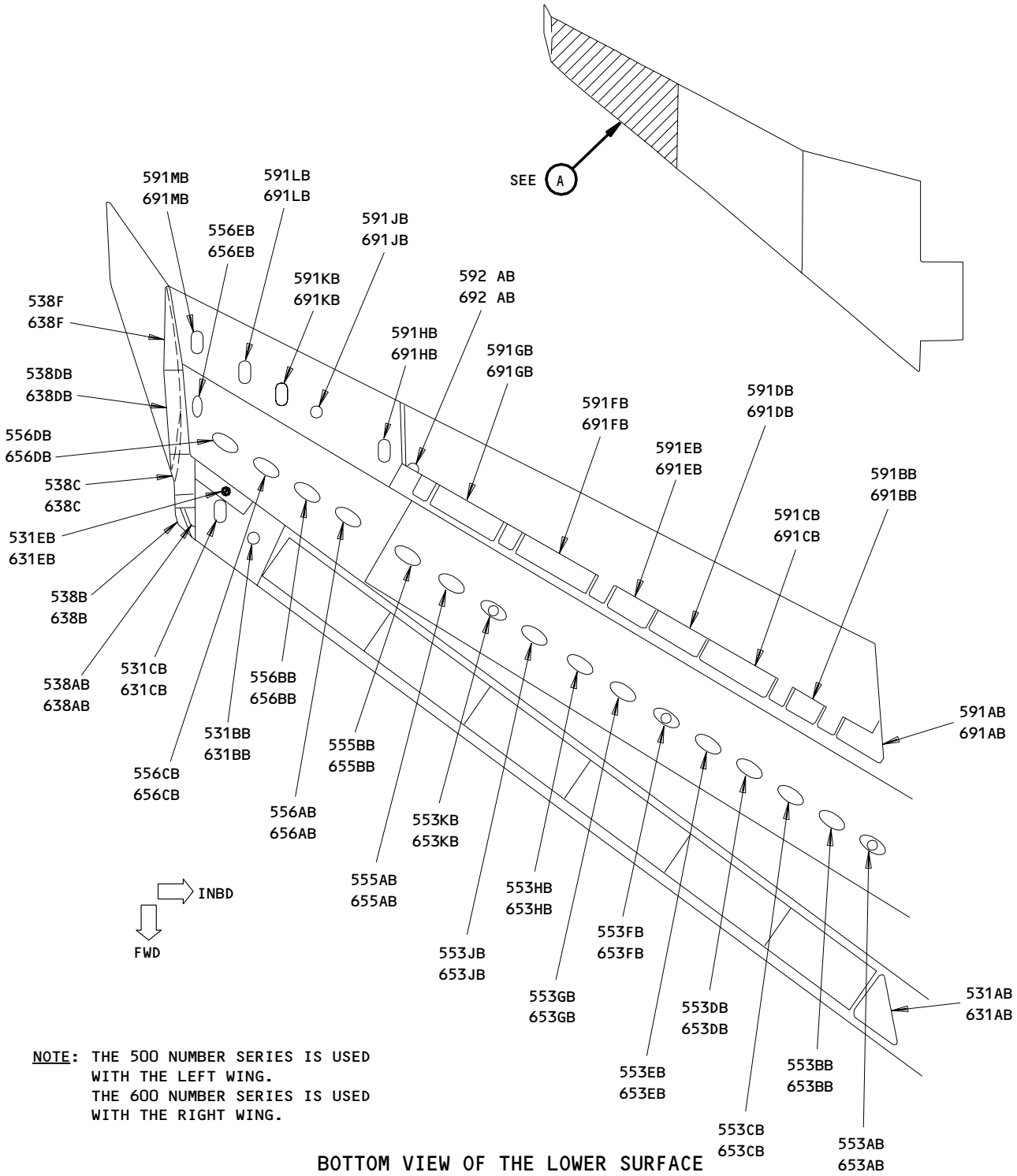
Wing Access Doors and Panels Between Inboard and Outboard Engines
Figure 202

TABLE II

DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
521AB	621AB	Access Panel - Lower Inboard Nacelle
521BB	621BB	Access Panel - Fueling Receptacles
521CB		Access Panel - Fuel Control Panel
521DB	621DB	Access Panel - Lower Skin Leading Edge
521EB	621EB	Access Panel - Lower Skin Leading Edge
521FB	621FB	Access Panel - Inboard Nacelle, Wing Leading Edge
531AB	631AB	Access Panel - Lower Skin Leading Edge
543AZ	643AZ	Baffle - Fuel
543BZ	643BZ	Baffle - Fuel
546AB*	646AB*	Access Door - Fuel Tank
546AZ	646AZ	Baffle - Fuel
546BB	646BB	Access Door - Fuel Tank with Dripstick
546BZ	646BZ	Access Door - Fuel Tank, thru Mid Spar
552AB*	652AB*	Access Door - Fuel Tank
552BB*	652BB*	Access Door - Fuel Tank
552CB*	652CB*	Access Door - Fuel Tank
552DB*	652DB*	Access Door - Fuel Tank
552EB*	652EB*	Access Door - Fuel Tank
552FB*	652FB*	Access Door - Fuel Tank
552GB*	652GB*	Access Door - Fuel Tank
552AZ*	652AZ*	Access Door - Fuel Tank, thru Mid Spar
552BZ*	652BZ*	Access Door - Fuel Tank, thru Mid Spar
552CZ*	652CZ*	Access Door - Fuel Tank, thru Mid Spar
552DZ*	652DZ*	Access Door - Fuel Tank, thru Mid Spar
552EZ	652EZ	Access Door - Fuel Tank, thru Mid Spar
552FZ*	652FZ*	Access Door - Fuel Tank, thru Mid Spar
552GZ*	652GZ*	Access Door - Fuel Tank, thru Mid Spar
552HZ*	652HZ*	Access Door - Fuel Tank, thru Mid Spar
565BB	665BB	Access Panel - Inbd Flap Track Fairing, Outbd Flaps
565CB	665CB	Access Panel - Movable Flap Track Fairing, Outbd Flap
565DB	665DB	Access Panel - Movable Flap Track Fairing, Outbd Flap
565EB	665EB	Access Panel - Movable Flap Track Fairing, Outbd Flaps
567BB	667BB	Access Panel - Outbd Flap Track Fairing, Outbd Flaps
567CB	667CB	Access Panel - Movable Flap Track Fairing, Outbd Flaps
567DB	667DB	Access Panel - Movable Flap Track Fairing, Outbd Flaps
567EB	667EB	Access Panel - Movable Flap Track Fairing, Outbd Flaps
573CB	673CB	Access Panel - Hydraulic
581AB	681AB	Access Panel - Flap Drive
581BB	681BB	Access Panel - Flap Drive
581EB	681EB	Access Panel - Flap Drive
581GB	681GB	Access Panel - Flap Drive
581HB	681HB	Access Panel - Flap Drive
581JB	681JB	Access Panel - Flap Drive

TABLE II		
DOOR OR PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
581KB	681KB	Access Panel - Flap Drive
581MB	681MB	Access Panel - Flap Drive
581NB	681NB	Access Panel - Flap Drive
581PB	681PB	Access Panel - Hydraulic
581AEB	681AEB	Access Panel - Flap Drive

* This number is not marked on airplane and is given for service information only



NOTE: THE 500 NUMBER SERIES IS USED WITH THE LEFT WING.
THE 600 NUMBER SERIES IS USED WITH THE RIGHT WING.

BOTTOM VIEW OF THE LOWER SURFACE

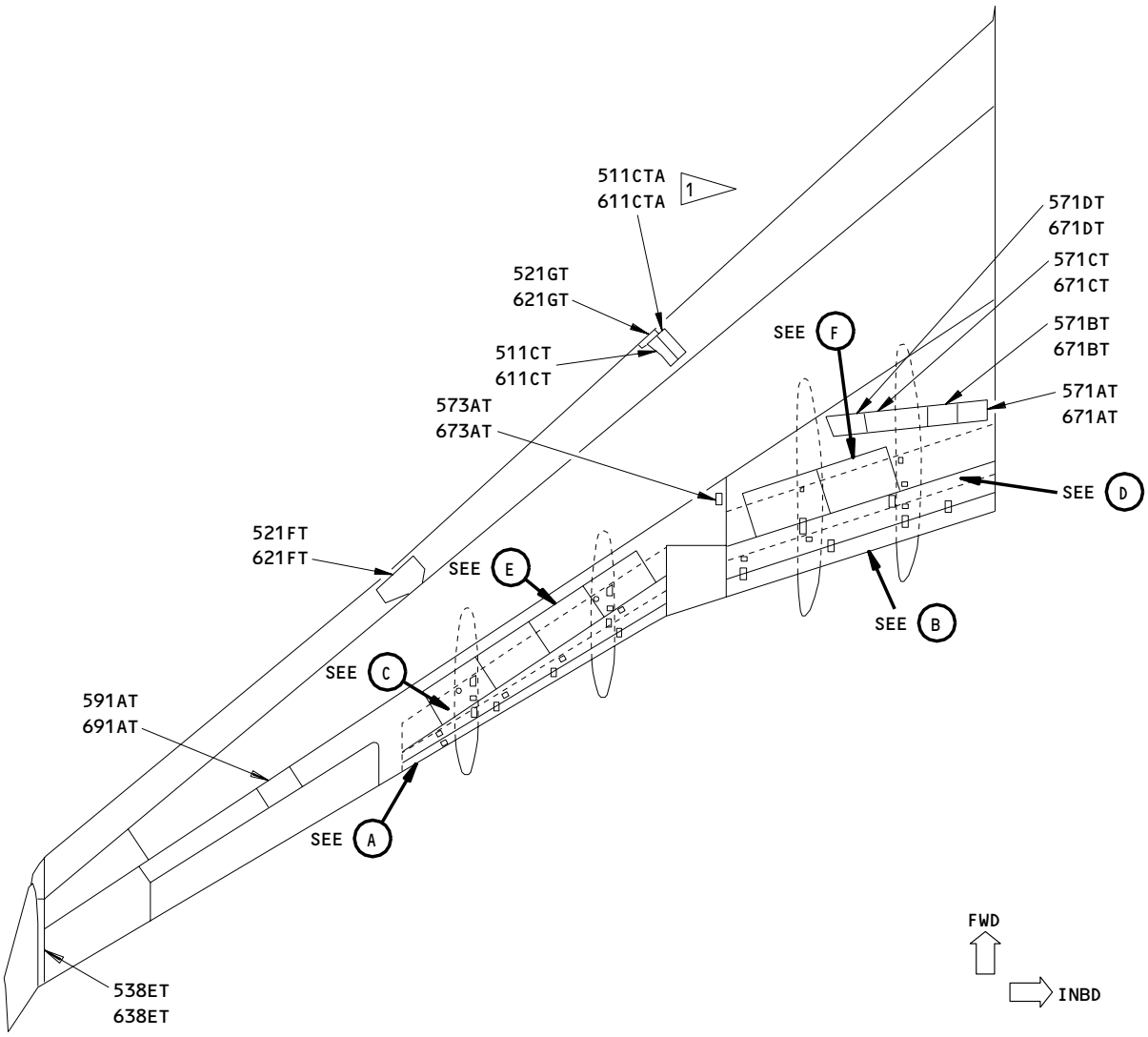
A

Wing Access Doors and Panels Outboard of Outboard Engines
Figure 203

TABLE III

DOOR OF PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
531AB	631AB	Access Panel – Lower Skin Leading Edge
531BB	631BB	Access Panel – Leading Edge Extension
531CB	631CB	Access Door – Leading Edge Extension
531EB	631EB	Access Door – Leading Edge Extension– HF Antenna
538AB	638AB	Access Door – Wing Tip Strobe Light
538B	638BB	Access Door – Navigation Light Fairing
538C	638CB	Access Door – Forward Winglet Fairing
538DB	638DB	Access Door – Lower Mid Winglet Fairing
538F	638F	Access Door – Aft Winglet Fairing
553AB*	653AB*	Access Door – Fuel Tank
553BB*	653BB*	Access Door – Fuel Tank
553CB*	653CB*	Access Door – Fuel Tank
553DB	653DB	Access Door – Fuel Tank
553EB	653EB	Access Door – Fuel Tank
553FB	653FB	Access Door – Fuel Tank with Dripstick
553GB	653GB	Access Door – Fuel Tank
553HB	653HB	Access Door – Fuel Tank
553JB	653JB	Access Door – Fuel Tank
553KB	653KB	Access Door – Fuel Tank with Dripstick
555AB	655AB	Access Door – Surge Tank
555BB	655BB	Access Door – Surge Tank
556AB	656AB	Access Door – Wing Extension
556BB	656BB	Access Door – Wing Extension
556CB	656CB	Access Door – Wing Extension
556DB	656DB	Access Door – Wing Extension
556EB	656EB	Access Door – Wing Extension
591AB	691AB	Access Panel – Outboard Aileron
591BB	691BB	Access Panel – Outboard Aileron
591CB	691CB	Access Panel – Outboard Aileron
591DB	691DB	Access Panel – Outboard Aileron
591EB	691EB	Access Panel – Outboard Aileron
591FB	691FB	Access Panel – Outboard Aileron
591GB	691GB	Access Panel – Outboard Aileron
591HB	691HB	Access Door – Trailing Edge Extension
591JB	691JB	Access Door – Trailing Edge Extension
591KB	691KB	Access Door – Trailing Edge Extension
591LB	691LB	Access Door – Trailing Edge Extension
591MB	691MB	Access Door – Trailing Edge Extension
592AB	692AB	Access Door – Hinge Fitting

* This number is not marked on airplane and is given for service information only



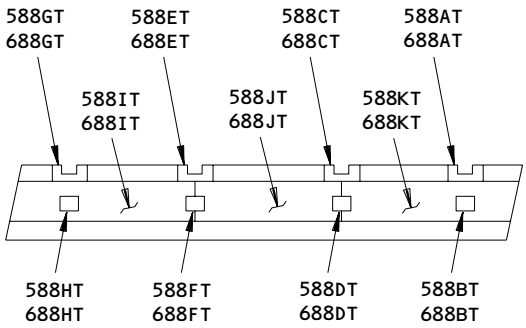
PLAN VIEW OF THE UPPER SURFACE

NOTE: THE 500 NUMBER SERIES IS USED WITH THE LEFT WING.

THE 600 NUMBER SERIES IS USED WITH THE RIGHT WING.

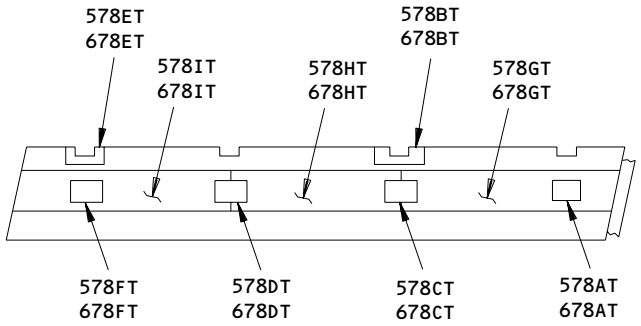
1 ON SOME AIRPLANES PANEL IS RIVETTED

Wing Upper Surface Access Doors and Panels
Figure 204 (Sheet 1)



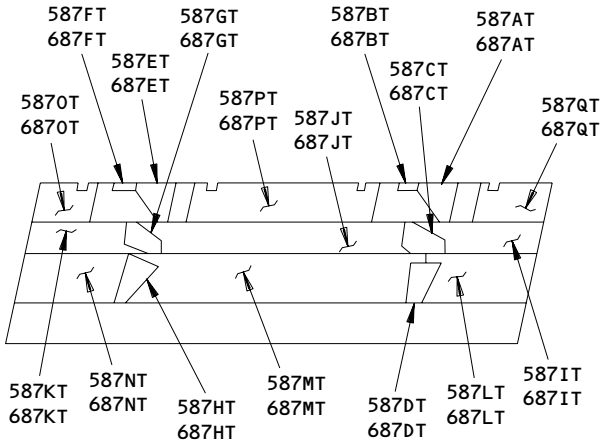
OUTBOARD AFTFLAP

A



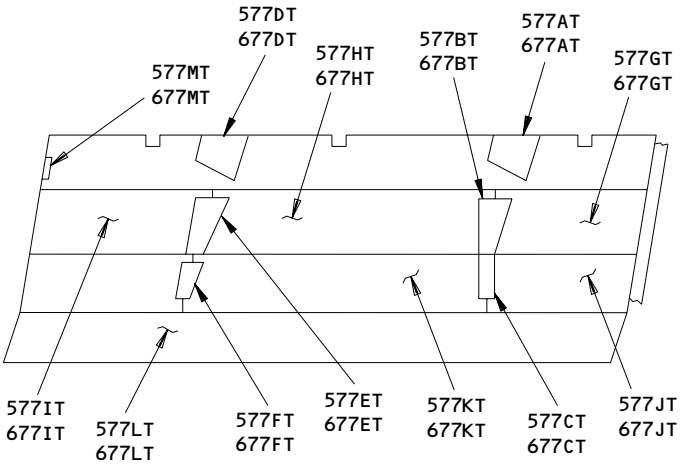
INBOARD AFTFLAP

B



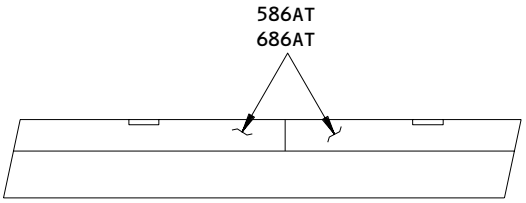
OUTBOARD MIDFLAP

C



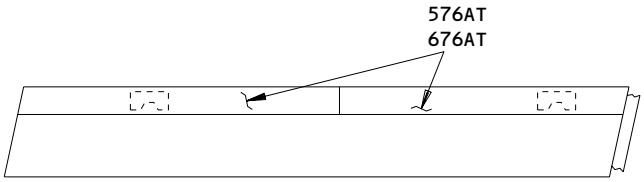
INBOARD MIDFLAP

D



OUTBOARD FOREFLAP

E



INBOARD FOREFLAP

F

NOTE: PANELS ARE NUMBERED FOR MAINTENANCE PURPOSE ONLY. PANELS HAVE EXCESSIVE NUMBER OF FASTENERS.

Wing Upper Surface Access Doors and Panels
Figure 204 (Sheet 2)

TABLE IV

DOOR OF PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
511CT	611CT	Access Panel - Upper, Inboard Nacelle
511CTA	611CTA	Access Panel - Upper, Inboard Nacelle (Strut Attachment Access)
521FT	621FT	Access Panel - Upper, Outboard Nacelle, Gap Cover
521GT	621GT	Access Door - Nose Cap, Inboard Nacelle
538ET	638ET	Access Door - Upper Mid Winglet Fairing
571AT	671AT	Access Panel - Trailing Edge Up
571BT	671BT	Access Panel - Trailing Edge Up
571CT	671CT	Access Panel - Trailing Edge Up
571DT	671DT	Access Panel - Trailing Edge Up
571ET	671ET	Access Panel - Trailing Edge Up
573AT	673AT	Access Panel - Trailing Edge Up
576AT	676AT	Access Panel - Fore Flap, Inbd Trailing Edge Flap
577AT	677AT	Access Door - Midflap Inbd Trailing Edge Flap Carriage
577BT	677BT	Access Door - Midflap Inbd Trailing Edge Flap Carriage
577CT	677CT	Access Door - Midflap Inbd Trailing Edge Flap Carriage
577DT	677DT	Access Door - Midflap Inbd Trailing Edge Flap Carriage
577ET	677ET	Access Door - Midflap Inbd Trailing Edge Flap Carriage
577FT	677FT	Access Door - Midflap Inbd Trailing Edge Flap Carriage
577GT	677GT	Access Panel, Mid Flap, Inbd Trailing Edge Flap
577HT	677HT	Access Panel, Mid Flap, Inbd Trailing Edge Flap
577IT	677IT	Access Panel, Mid Flap, Inbd Trailing Edge Flap
577JT	677JT	Access Panel, Mid Flap, Inbd Trailing Edge Flap
577KT	677KT	Access Panel, Mid Flap, Inbd Trailing Edge Flap
577LT	677LT	Access Panel, Mid Flap, Inbd Trailing Edge Flap
577MT	677MT	Access Panel, Mid Flap, Inbd Trailing Edge Flap
578AT	678AT	Access Door - Aftflap Inboard Trailing Edge Flap
578BT	678BT	Access Door - Aftflap Inboard Trailing Edge Flap
578CT	678CT	Access Door - Aftflap Inboard Trailing Edge Flap
578DT	678DT	Access Door - Aftflap Inboard Trailing Edge Flap
578ET	678ET	Access Door - Aftflap Inboard Trailing Edge Flap
578FT	678FT	Access Door - Aftflap Inboard Trailing Edge Flap
578GT	678GT	Access Panel, Aft Flap, Inbd Trailing Edge Flap
578HT	678HT	Access Panel, Aft Flap, Inbd Trailing Edge Flap
578IT	678IT	Access Panel, Aft Flap, Inbd Trailing Edge Flap
586AT	686AT	Access Panel, Fore Flap, Outbd Trailing Edge Flap
587AT	687AT	Access Door - Midflap Outboard Trailing Edge Flap
587BT	687BT	Access Door - Midflap Outboard Trailing Edge Flap
587CT	687CT	Access Door - Midflap Outboard Trailing Edge Flap
587DT	687DT	Access Door - Midflap Outboard Trailing Edge Flap
587ET	687ET	Access Door - Midflap Outboard Trailing Edge Flap

TABLE IV

DOOR OF PANEL IDENTIFICATION NUMBER		EQUIPMENT/COMPONENTS ACCESSIBLE THROUGH ACCESS DOOR OR PANEL
LEFT	RIGHT	
587FT	687FT	Access Door - Midflap Outboard Trailing Edge Flap
587GT	687GT	Access Door - Midflap Outboard Trailing Edge Flap
587HT	687HT	Access Door - Midflap Outboard Trailing Edge Flap
587IT	687IT	Access Panel - Midflap Outboard Trailing Edge Flap
587JT	687JT	Access Panel - Midflap Outboard Trailing Edge Flap
587KT	687KT	Access Panel - Midflap Outboard Trailing Edge Flap
587LT	687LT	Access Panel - Midflap Outboard Trailing Edge Flap
587MT	687MT	Access Panel - Midflap Outboard Trailing Edge Flap
587NT	687NT	Access Panel - Midflap Outboard Trailing Edge Flap
587OT	687OT	Access Panel - Midflap Outboard Trailing Edge Flap
587PT	687PT	Access Panel - Midflap Outboard Trailing Edge Flap
587QT	687QT	Access Panel - Midflap Outboard Trailing Edge Flap
588AT	688AT	Access Door - Aftflap Outboard Trailing Edge Flap
588BT	688BT	Access Door - Aftflap Outboard Trailing Edge Flap
588CT	688CT	Access Door - Aftflap Outboard Trailing Edge Flap
588IT	688IT	Access Panel - Aftflap Outboard Trailing Edge Flap
588JT	688JT	Access Panel - Aftflap Outboard Trailing Edge Flap
588KT	688KT	Access Panel - Aftflap Outboard Trailing Edge Flap
588DT	688DT	Access Door - Aftflap Outboard Trailing Edge Flap
588ET	688ET	Access Door - Aftflap Outboard Trailing Edge Flap
588FT	688FT	Access Door - Aftflap Outboard Trailing Edge Flap
588GT	688GT	Access Door - Aftflap Outboard Trailing Edge Flap
588HT	688HT	Access Door - Aftflap Outboard Trailing Edge Flap
588IT	688IT	Access Door - Aftflap Outboard Trailing Edge Flap
588JT	688JT	Access Door - Aftflap Outboard Trailing Edge Flap
588KT	688KT	Access Door - Aftflap Outboard Trailing Edge Flap
591AT	691AT	Access Panel - Aileron Actuator

* This number is not marked on airplane and is given for service information only

NACELLE AND ENGINE - TO - WING FAIRING ACCESS DOORS AND PANELS
MAINTENANCE PRACTICES

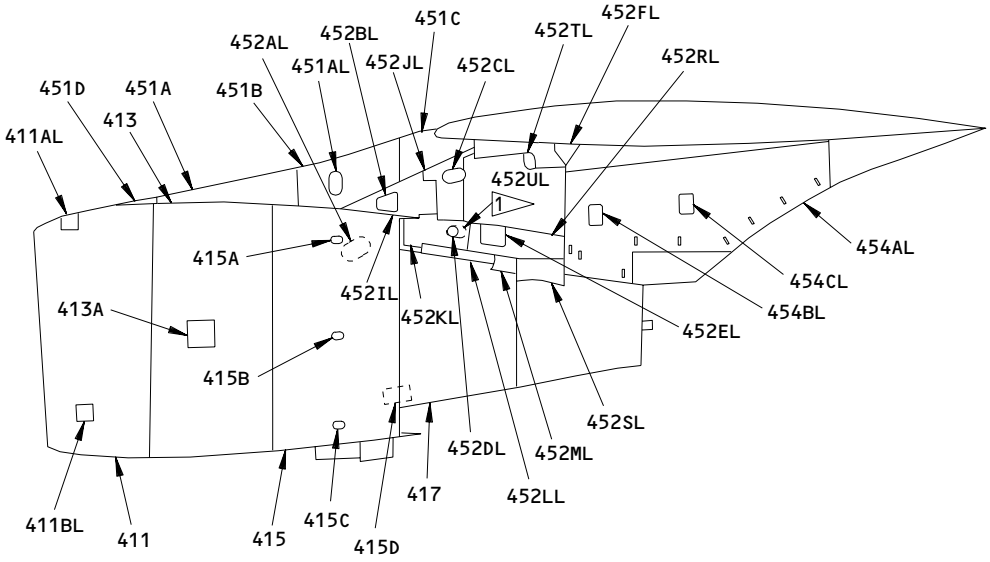
1. General
   A. The top collector drawing number for the access doors and Panel for CF6-80C ENGINE is 311U2020 INBOARD, 321U2020 OUTBOARD.
   B. This procedure has this task:
      (1) Nacelle and engine-to-wing fairing access doors and panels.

TASK 06-09-09-912-001

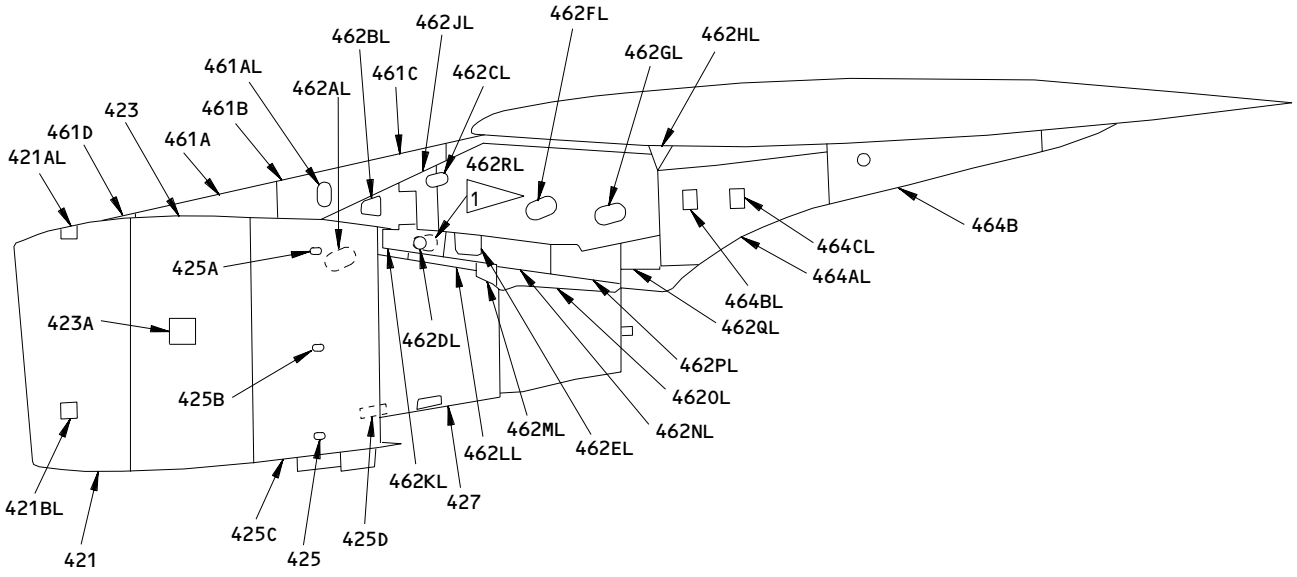
2. Nacelle and Engine-to-Wing Fairing Access Doors and Panels
   A. Procedure

S 912-002

      (1) For the Location of Access doors and panels, see Fig. 201, 202.



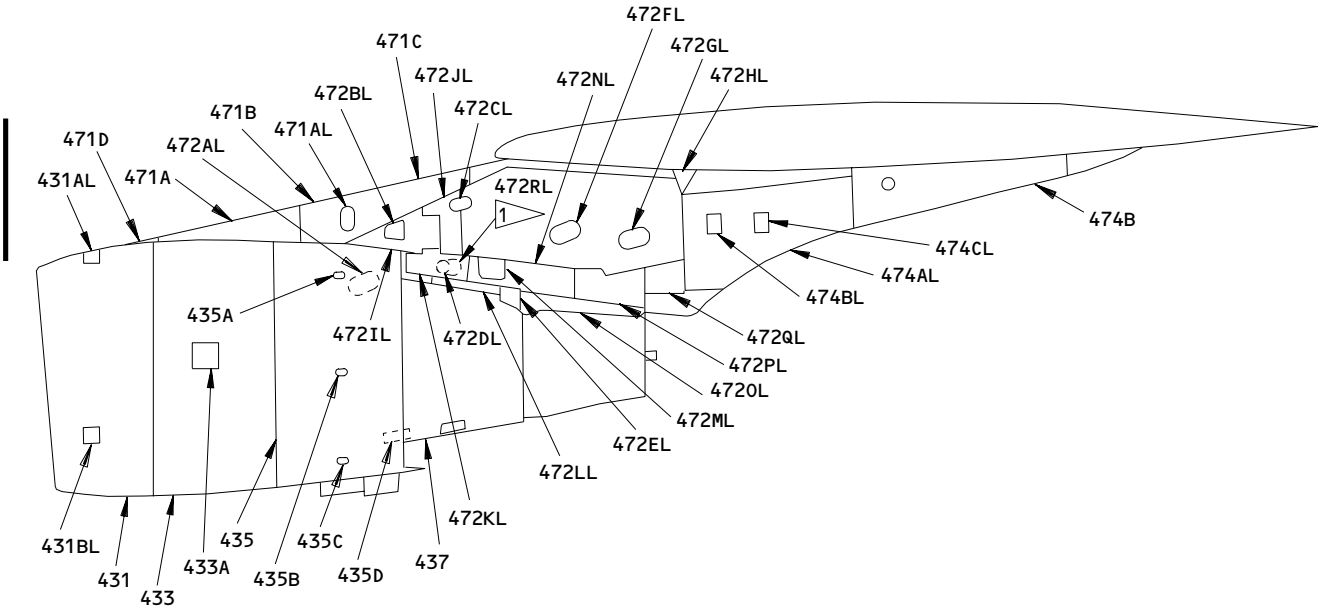
LEFT SIDE ENGINE 1



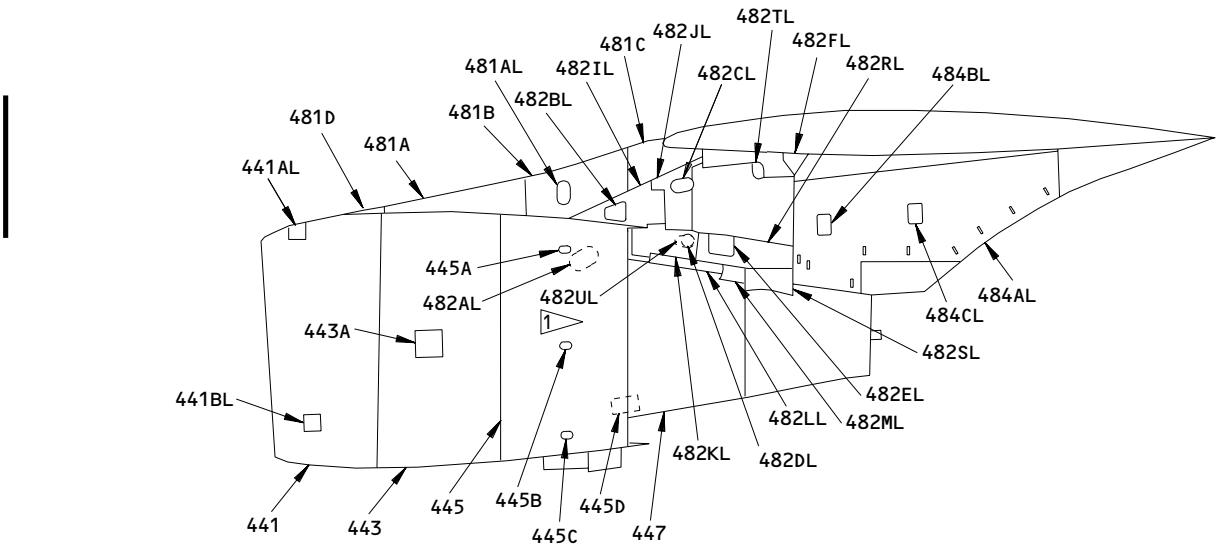
LEFT SIDE ENGINE 2

1 NOT ON ALL AIRPLANES

Nacelle and Engine-to-Wing Fairing Access Doors and Panels (Left)
Figure 201 (Sheet 1)



LEFT SIDE ENGINE 3



LEFT SIDE ENGINE 4

1 NOT ON ALL AIRPLANES

Nacelle and Engine-to-Wing Fairing Access Doors and Panels (Left)
Figure 201 (Sheet 2)

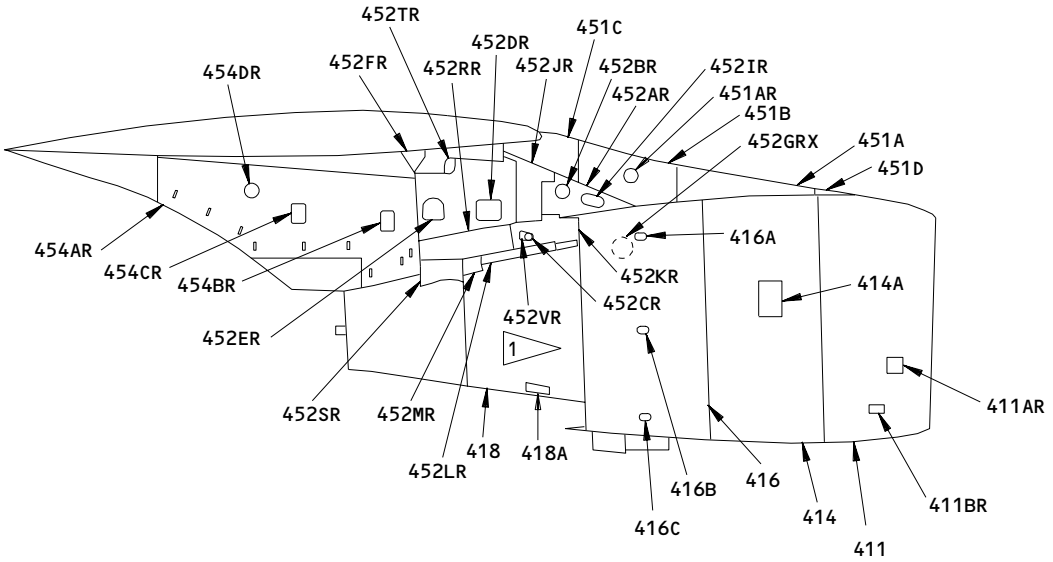
E68181

TABLE I

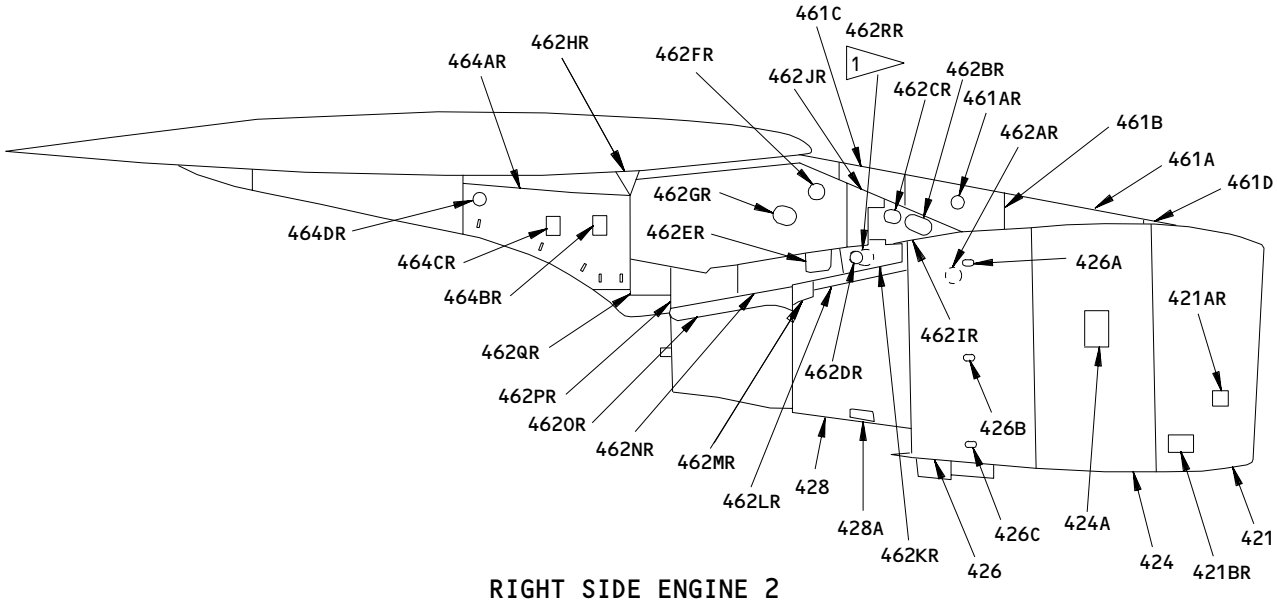
PANEL NO., LEFT SIDE				TITLE
ENGINE 1	ENGINE 2	ENGINE 3	ENGINE 4	
411	421	431	441	Inlet Assembly
411AL	421AL	431AL	441AL	Access Door, Anti-Ice (Upper)
411BL	421BL	431BL	441BL	Access Door, Anti-Ice (Lower)
413	423	433	443	Access Panel, Fan Cowl
413A	423A	433A	443A	Access Door, Fan Cowl Pressure Relief
415	425	435	445	Access Panel, Thrust Reverser
415A	425A	435A	445A	Access Door, Thrust Reverser Actuator (Non locking Upper)
415B	425B	435B	445B	Access Door, Thrust Reverser Actuator (Locking)
415C	425C	435C	445C	Access Door, Thrust Reverser Actuator (Nonlocking, Lower)
415D	425D	435D	445D	Access Door, IDG Oil Thrust Reverser
417	427	437	447	Access Panel, Core Cowl
451A	461A	471A	481A	No. 2 Forward Fairing
451AL	461AL	471AL	481AL	Access Door, Thermal Anti-Ice
451B	461B	471B	481B	No. 3 Forward Fairing
451C	461C	471C	481C	No. 4 Forward Fairing
451D	461D	471D	481D	No. 1 Forward Fairing
	461DL	471DL		Access Panel, Under Wing Fairing
452AL	462AL	472AL	482AL	Access Door, Core Cowl to Strut
452BL	462BL	472BL	482BL	Access Door, Upper Midspar Pressure Relief (Forward)
452CL	462CL	472CL	482CL	Access Door, Midspar Pressure Relief (Aft)
452DL	462DL	472DL	482DL	Access Door, Mid-Lower Strut (Forward)
452EL	462EL	472EL	482EL	Access Door, Mid-Lower Strut (Aft)
452FL			482FL	Fuse Pin Access Door Instl
	462FL	472FL		Access Door, Lower Midspar (Forward)
452TL			482TL	Pin Access Door
	462GL	472GL		Access Door, Lower Midspar Pressure Relief (Aft)
	462HL	472HL		Access Door, Midspar Pin

TABLE I				
PANEL NO., LEFT SIDE				TITLE
ENGINE 1	ENGINE 2	ENGINE 3	ENGINE 4	
452IL	462IL	472IL	482IL	Fairing, Upper Bond Assembly
452JL	462JL	472JL	482JL	Fairing Panel No. 3
452KL	462KL	472KL	482KL	Fairing, Lower Bond Assembly
452LL	462LL	472LL	482LL	Fairing, Core Cowl Skirt - Forward
452ML	462ML	472ML	482ML	Fairing, Core Cowl Skirt - Mid
	462NL	472NL		Fairing, Forward Panel
	462OL	472OL		Fairing, Primary Sleve Cover
	462PL	472PL		Fairing, Mid Panel
	462QL	472QL		Fairing, Aft Panel
452RL			482RL	Fairing, Panel
452SL			482SL	Fairing, Primary Sleeve Skirt
452UL			482UL	Access Door For Precooler and Fire
*[1]			*[1]	Protection Tube
	462RL	472RL		Access Door For Precooler and Fire
	*[1]	*[1]		Protection Tube
454AL	464AL	474AL	484AL	Door Panel, Aft Fairing
	464B	474B		Forward Fixed Wedge
454BL	464BL	474BL	484BL	Access Door, Trailing Edge Fairing Pressure Relief (Forward)
454CL	464CL	474CL	484CL	Access Door, Trailing Edge Fairing Pressure Relief (Aft)

*[1] NOT ON ALL AIRPLANES



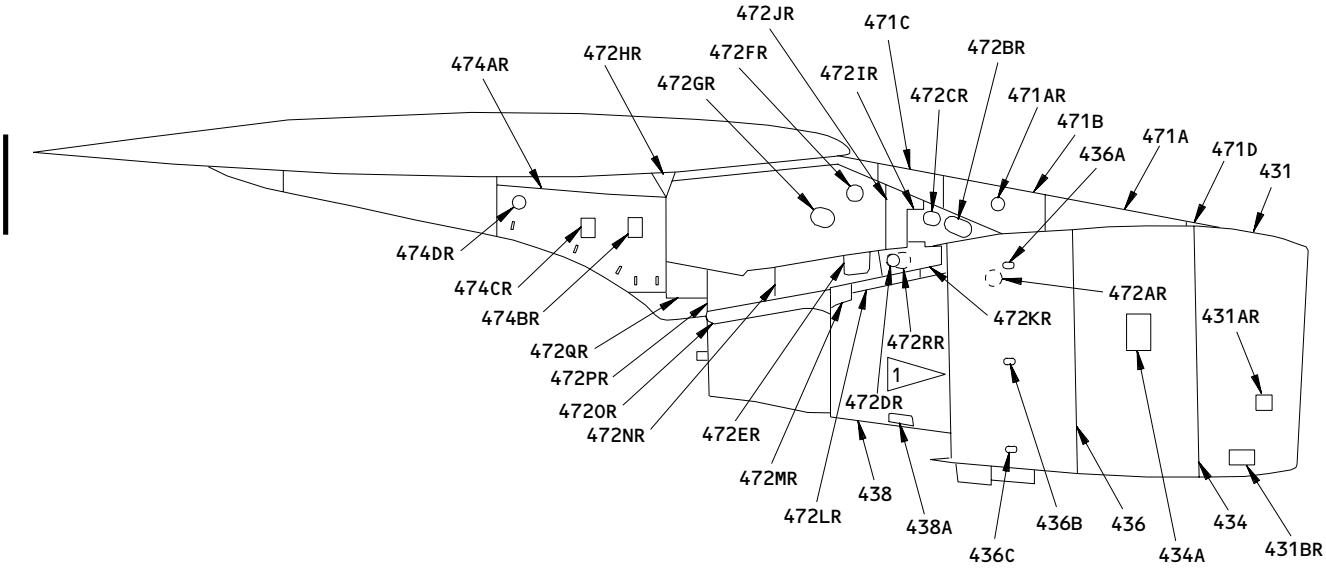
RIGHT SIDE ENGINE 1



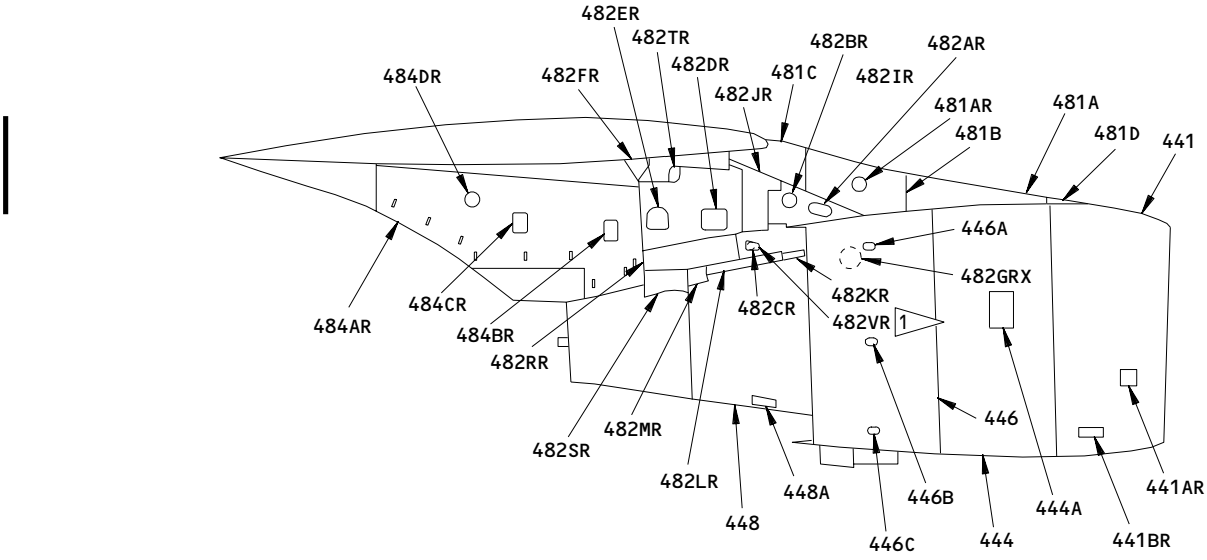
RIGHT SIDE ENGINE 2

1 NOT ON ALL AIRPLANES

Nacelle and Engine-to-Wing Fairing Access Doors and Panels (Right)
Figure 202 (Sheet 1)



RIGHT SIDE ENGINE 3



RIGHT SIDE ENGINE 4

1 NOT ON ALL AIRPLANES

Nacelle and Engine-to-Wing Fairing Access Doors and Panels (Right)
Figure 202 (Sheet 2)

TABLE II

PANEL NO., RIGHT SIDE				TITLE
ENGINE 1	ENGINE 2	ENGINE 3	ENGINE 4	
411	421	431	441	Inlet Assembly
411AR	421AR	431AR	441AR	Access Door, Anti-Ice
411BR	421BR	431BR	441BR	Anti-Ice Access, Inlet
414	424	434	444	Access Panel, Fan Cowl
414A	424A	434A	444A	Access Door, Fan Cowl Oil Tank
416	426	436	446	Access Panel, Thrust Reverser
416A	426A	436A	446A	Access Door, Thrust Reverser
416B	426B	436B	446B	Access Door, Thrust Reverser Actuator (Locking)
416C	426C	436C	446C	Access Door, Thrust Reverser Actuator (Nonlocking, Lower)
418	428	438	448	Access Panel, Core Cowl
418A	428A	438A	448A	Access Door, Core/Cowl Pressure Relief
451A	461A	471A	481A	No. 2 Forward Fairing
451AR	461AR	471AR	481AR	Access Door, T-A-I Valve
451B	461B	471B	481B	No. 3 Forward Fairing
451C	461C	471C	481C	No. 4 Forward Fairing
451D	461D	471D	481D	No. 1 Forward Fairing
452AR			482AR	Access Door, Thrust Reverser to Strut Mid Fairing (Forward)
	461DR	471DR		Access Panel, Under Wing Fairing
	462AR	472AR		Access Door, Core Cowl to Strut
452BR			482BR	Access Door, Thrust Reverser to Strut Mid Fairing (Aft)
	462BR	472BR		Access Door, Thrust Reverser to Strut Mid Fairing (Forward)
452CR			482CR	Access Door, Mid-Lower Strut (Forward)
	462CR	472CR		Access Door, Thrust Reverser to Strut Mid Fairing (Aft)
452DR			482DR	Access Door, Lower Midspar Pressure Relief (Forward)
	462DR	472DR		Access Door, Mid-Lower Strut (Forward

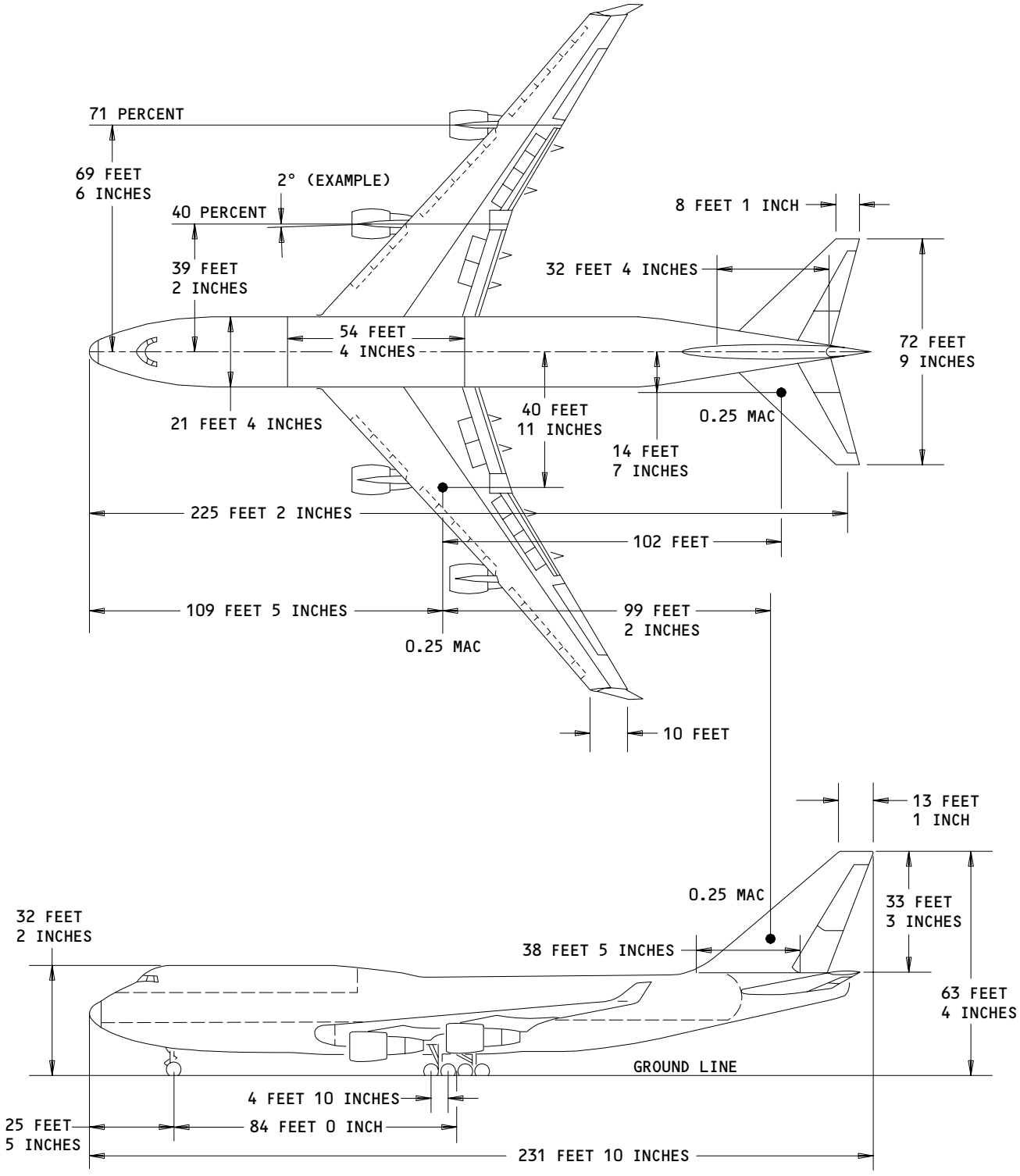
TABLE II

PANEL NO., RIGHT SIDE				TITLE
ENGINE 1	ENGINE 2	ENGINE 3	ENGINE 4	
452ER			482ER	Access Door Lower Midspar Pressure Relief (Aft)
	462ER	472ER		Access Door Mid-Lower Strut (Aft)
452FR			482FR	Access Door, Midspar Pin
	462FR	472FR		Access Door, Mid-Upper Strut (Forward)
452GRX			482GRX	Access Door, Core Cowl to Strut
	462GR	472GR		Access Door, Mid-Upper Strut (Aft)
452TR			482TR	Pin Access Door
	462HR	472HR		Access Door, Midspar Pin
452IR	462IR	472IR	482IR	Fairing, Upper Band Assembly
452JR	462JR	472JR	482JR	Fairing Panel No. 3
452KR	462KR	472KR	482KR	Fairing Lower Band Assembly
452LR	462LR	472LR	482LR	Fairing, Core Cowl Skirt - Forward
452MR	462MR	472MR	482MR	Fairing, Core Cowl Skirt - Mid
	462NR	472NR		Fairing, Forward Panel
	462OR	472OR		Fairing, Primary Sleeve Skirt
	462PR	472PR		Panel Assembly, Fairing Strut (Aft)
	462QR	472QR		Panel Assembly, Fairing Strut (Aft)
452RR			482RR	Fairing Panel
452SR			482SR	Fairing, Primary Sleeve Skirt
452VR			482VR	Access for Precooler and Fire
*[1]			*[1]	Protection Tube
	462RR	472RR		Access for Precooler and Fire
	*[1]	*[1]		Protection Tube
454AR	464AR	474AR	484AR	Door, Aft Fairing
454BR	464BR	474BR	484BR	Access Door, Trailing Edge Fairing Pressure Relief (Forward)
454CR	464CR	474CR	484CR	Access Door, Trailing Edge Fairing Pressure Relief (Aft)
454DR	464DR	474DR	484DR	Access Door, Hydraulic Depressurization Valve

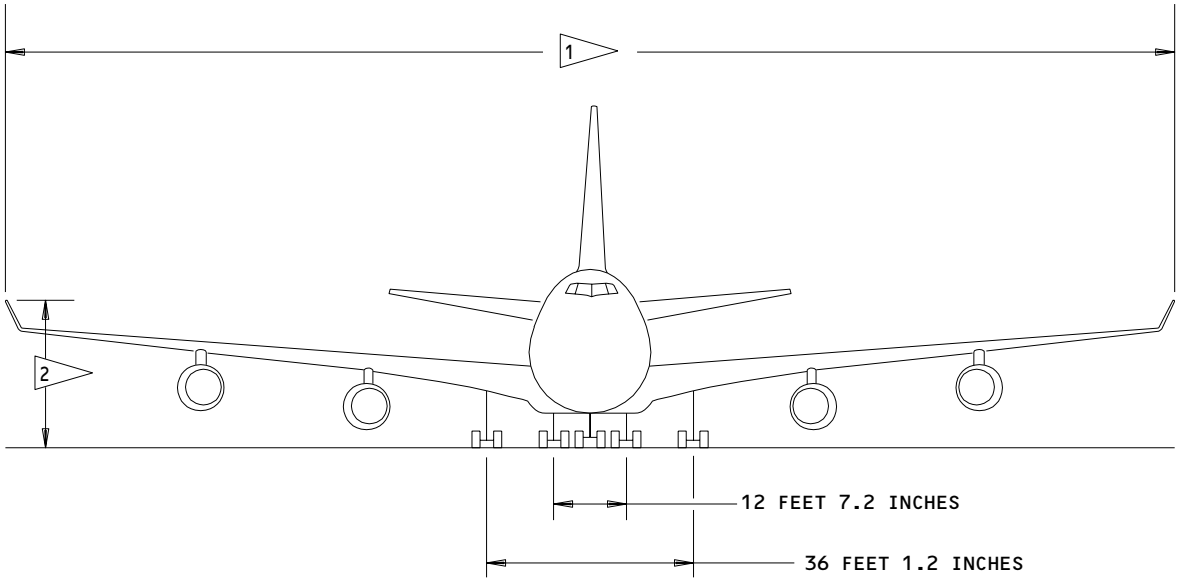
*[1] NOT ON ALL AIRPLANES

PRINCIPAL DIMENSIONS AND AREAS - DESCRIPTION AND OPERATION

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.
   B. This procedure has this task:
      (1) Principle dimensions and areas.
2. Principal Dimensions and Areas (Fig. 1)
   A. General
      (1) Dimensions
         (a) Overall Airplane
            Length -- 231 feet 10 inches
            Width -- 211 feet 5 inches (jig position)
                  -- 213 feet (fully fueled)
            Height (vertical stabilizer tip, top of fairing to ground)
            -- 63 feet 4 inches
         (b) Wing:
            Root Chord (theoretical, at body centerline) -- 652.03 inches
            Basic Chord (theoretical) -- 517.13 inches
            Tip Chord (theoretical) -- 138.71 inches
            Planform Taper Ratio
             Tip Chord/Basic Chord -- 0.268
             Tip Chord/Root Chord -- 0.213
            Dihedral (wing reference plane with respect to body reference plane) -- 7 degrees
            Incidence -- 2 degrees
            Sweepback (25 percent chord line) -- 37 1/2 degrees
            Aspect Ratio -- 7.28
            Mean Aerodynamic Chord (basic wing only) -- 327.78 inches
            Body Station at 25% MAC -- 1339.91
         (c) Horizontal Stabilizer
            Span -- 873 inches
            Taper Ratio -- 0.25
            Sweepback (25 percent chord line) -- 37 1/2 degrees
            Dihedral (chord plane with respect to body reference plane)
            -- 7 degrees
            Incidence (variable) -- 3 degrees up to 12 degrees down
            Aspect Ratio -- 3.6
         (d) Vertical Stabilizer
            Height -- 386.5 inches
            Taper Ratio -- 0.34
            Sweepback (25 percent chord line) -- 45 degrees
            Aspect Ratio -- 1.25



Principal Dimensions
Figure 1



NOTE: JIG POSITION – JACKED LEVEL SUFFICIENT TO SWING LANDING GEAR AND NO FUEL.

FULLY FUELED – TIRES AND SHOCK STRUTS COMPRESSED 8 INCHES.

1 WING SPAN – JIG POSITION – 211 FT 5 IN
– FULLY FUELED – 213 FT 0 IN

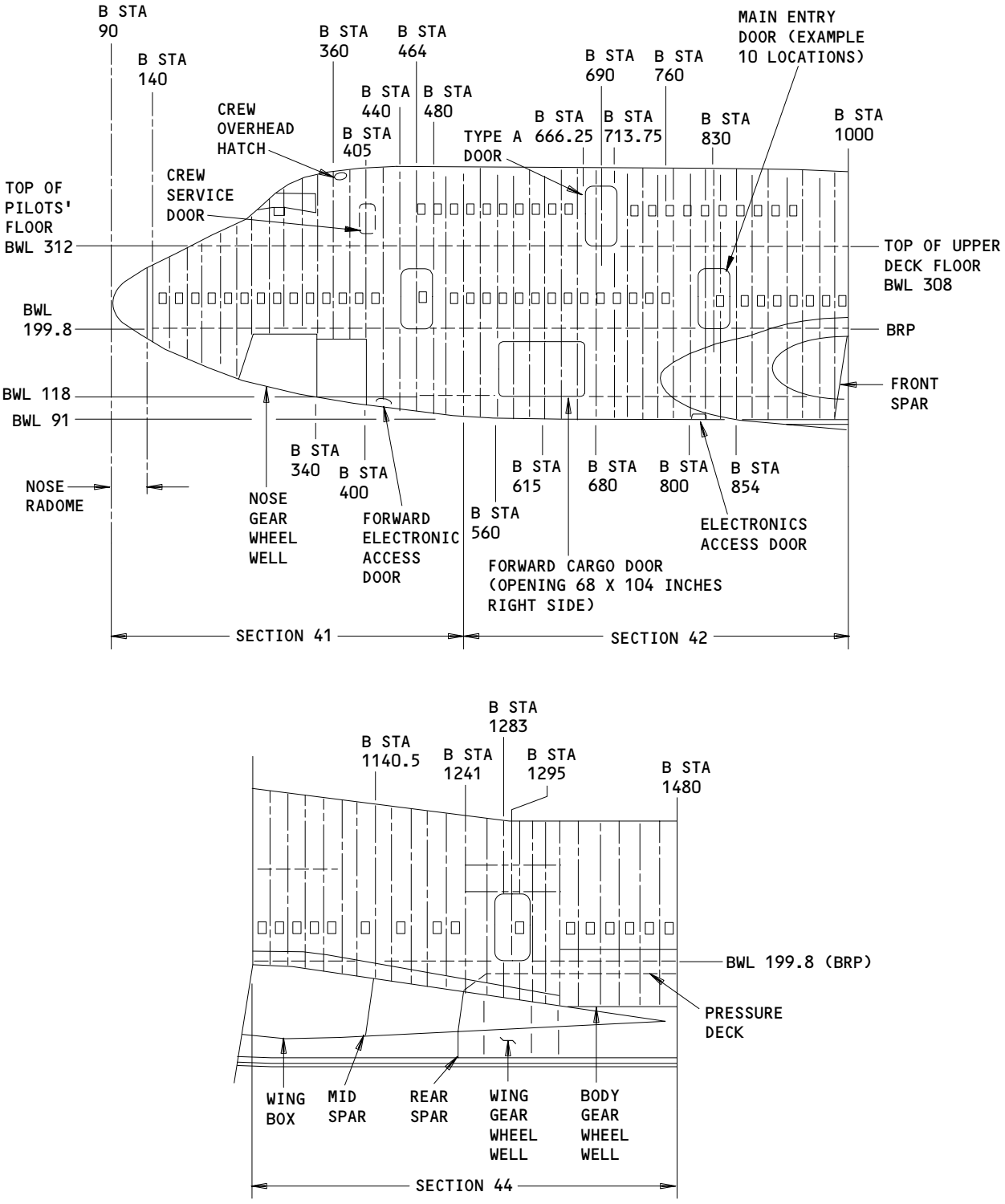
2 WING HEIGHT – JIG POSITION – 30 FT 7 IN
– FULLY FUELED – 22 FT 0 IN

Principal Dimensions
Figure 2

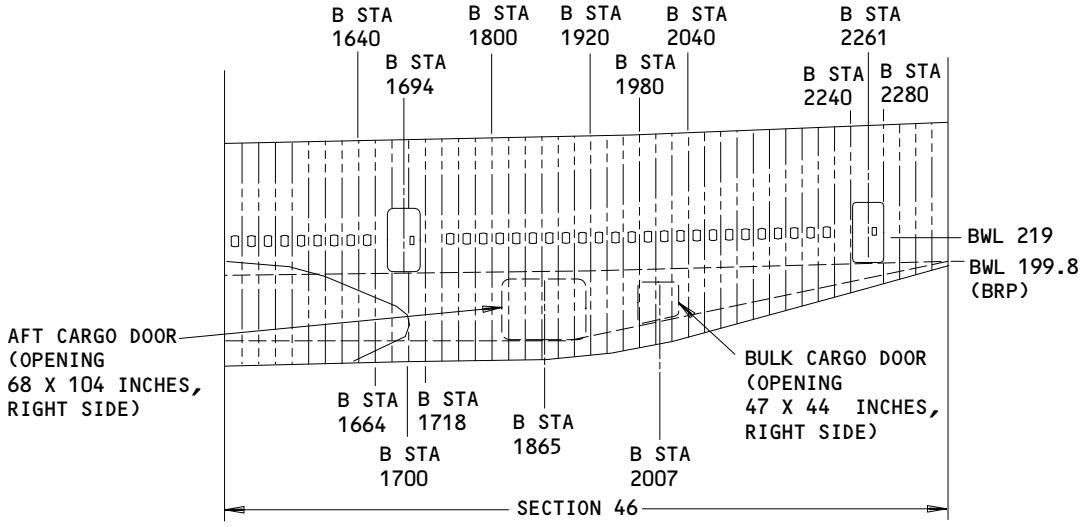
(e) Fuselage:
Height of body reference plane (top of floor beam WL 199.3) above ground at main gear -- 5.5 inches
Angle of body reference plane with respect to ground line -- 1/2 degrees (nose down)
Height (constant cross section) -- 267.75 inches
Above body reference plane -- 158.95 inches
Below body reference plane -- 108.80 inches
Height to centerline of windows above body reference plane -- 38 inches
Length -- 2702 inches

(2) Areas
(a) Wing (basic) -- 5660 square feet
(b) Flaps
Leading Edge (retracted) -- 448 square feet
Trailing Edge (retracted) -- 847 square feet
(c) Ailerons -- 226 square feet
(d) Spoilers -- 304 square feet
(e) Horizontal stabilizer surfaces (total, including area within fuselage) -- 1470 square feet
(f) Elevator Surfaces -- Inboard - 81.9 square feet, Outboard - 76.5 square feet
(g) Vertical tail surface (total) -- 830 square feet
(h) Rudder Surfaces -- Upper - 135.8 square feet, Lower - 92.4 square feet

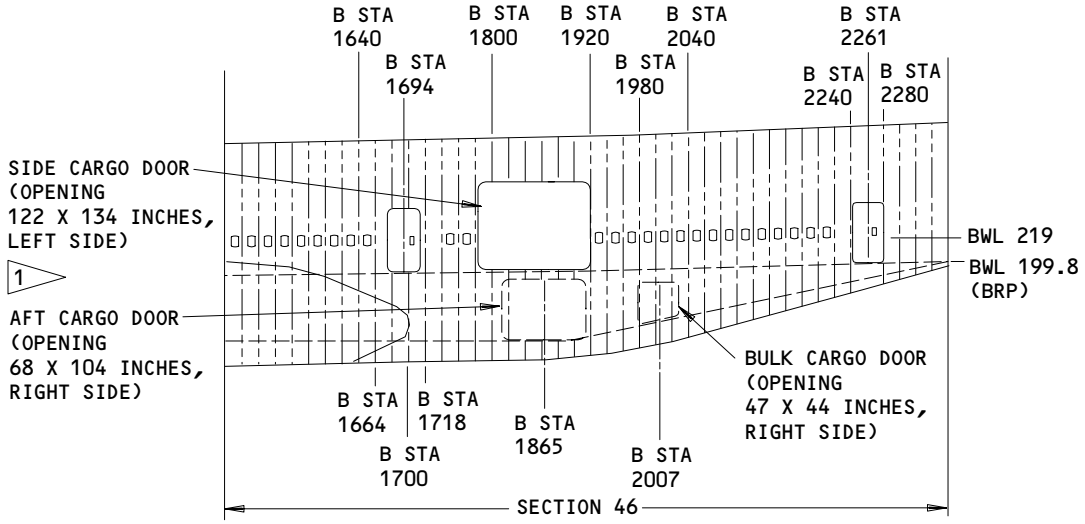
BODY STATION DIAGRAM - DESCRIPTION AND OPERATION



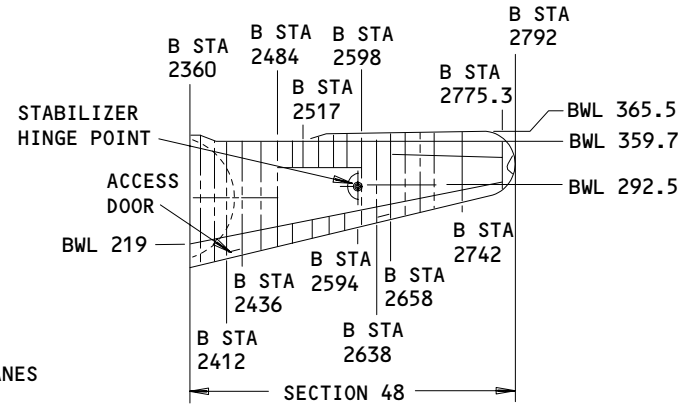
Body Station Diagram
Figure 1 (Sheet 1)



PASSENGER

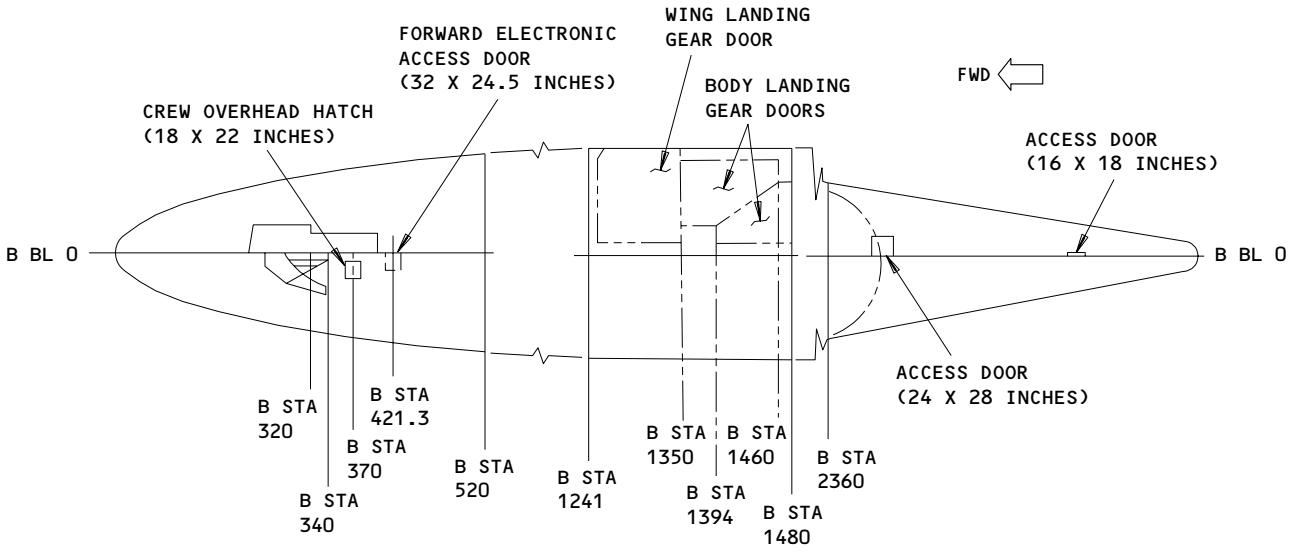


CARGO

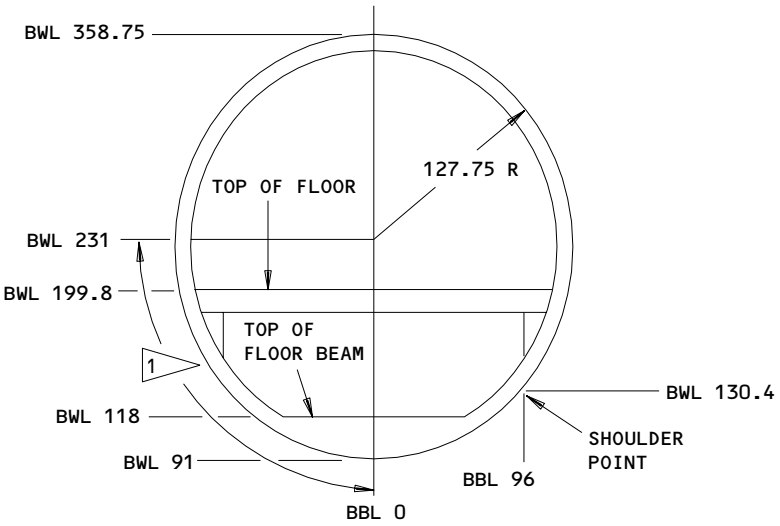


1 ON ALL COMBI-AIRPLANES

Body Station Diagram
Figure 1 (Sheet 2)



PLAN VIEW



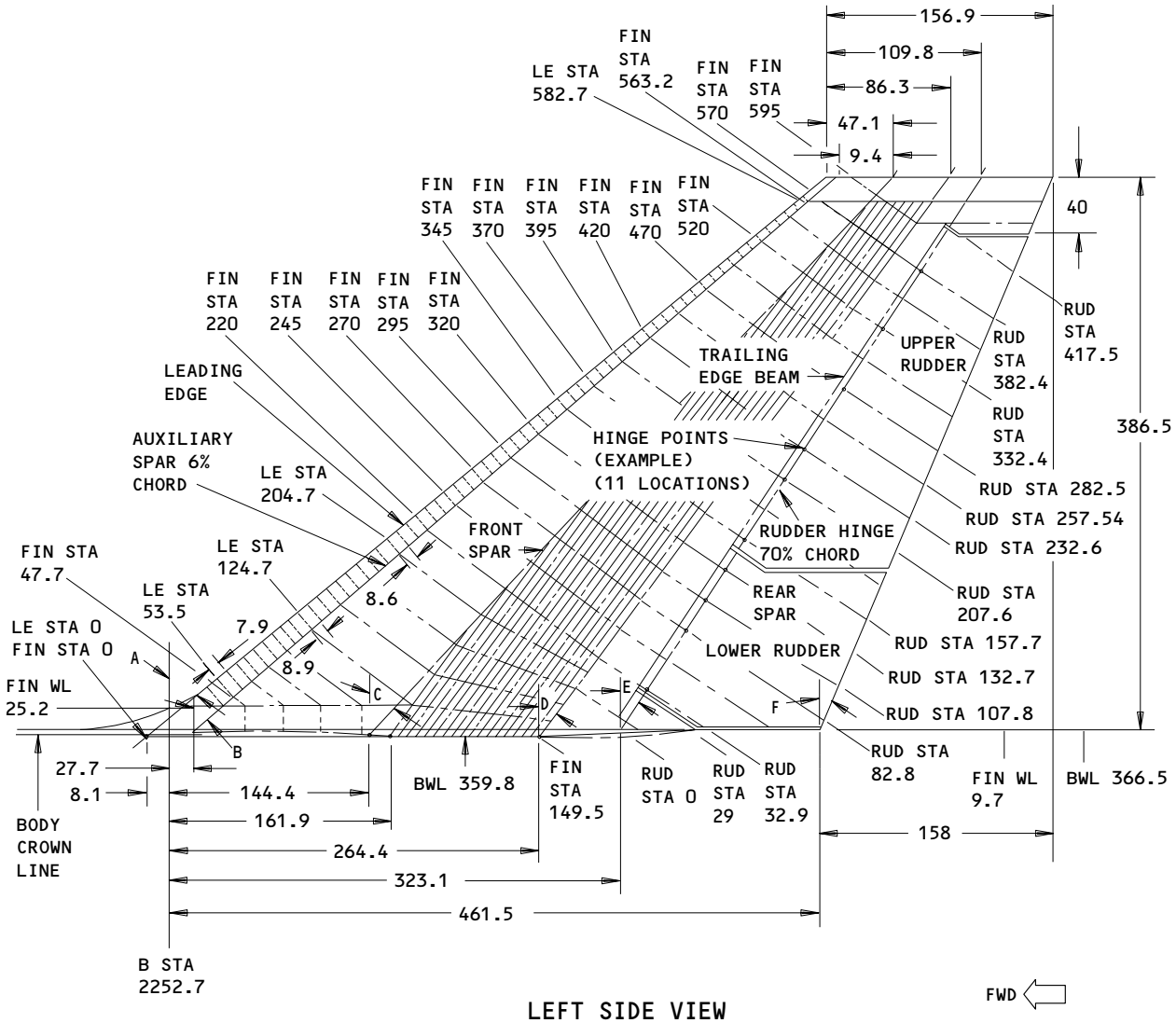
CONSTANT CROSS SECTION - SECTION 46
(EXAMPLE)

1 2ND-DEGREE CURVE - LOWER LOBE
FROM WL 231 TO BL 0 AT WL 91

Body Station Diagram
Figure 1 (Sheet 3)

VERTICAL STABILIZER AND RUDDER STATION DIAGRAM - DESCRIPTION AND OPERATION

1. FIN STATIONS ARE PERPENDICULAR TO REAR SPAR CENTERLINE.
2. LEADING EDGE STATIONS ARE PERPENDICULAR TO LEADING EDGE.
3. RUDDER STATIONS ARE PERPENDICULAR TO 70% CHORD RUDDER HINGE.
4. ANGLES ARE AS FOLLOWS:
   (a) A = 50°7'
   (b) B = 48°59'
   (c) C = 42°53'
   (d) D = 35°53'
   (e) E = 32°50'
   (f) F = 22°14'
5. TO CONVERT FIN STATION TO RUDDER STATION AT REAR SPAR. RUDDER STATION = (FIN STA - 187.1).
6. TO CONVERT FIN STATION TO LEADING EDGE STATION AT AUXILIARY SPAR (6%). LEADING EDGE STATION = (46 + FIN STA).



LEFT SIDE VIEW

NOTE: ALL DIMENSIONS ARE IN INCHES.

Vertical Stabilizer and Rudder Station Diagram
Figure 1

EFFECTIVITY
ALL

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01 Page 1
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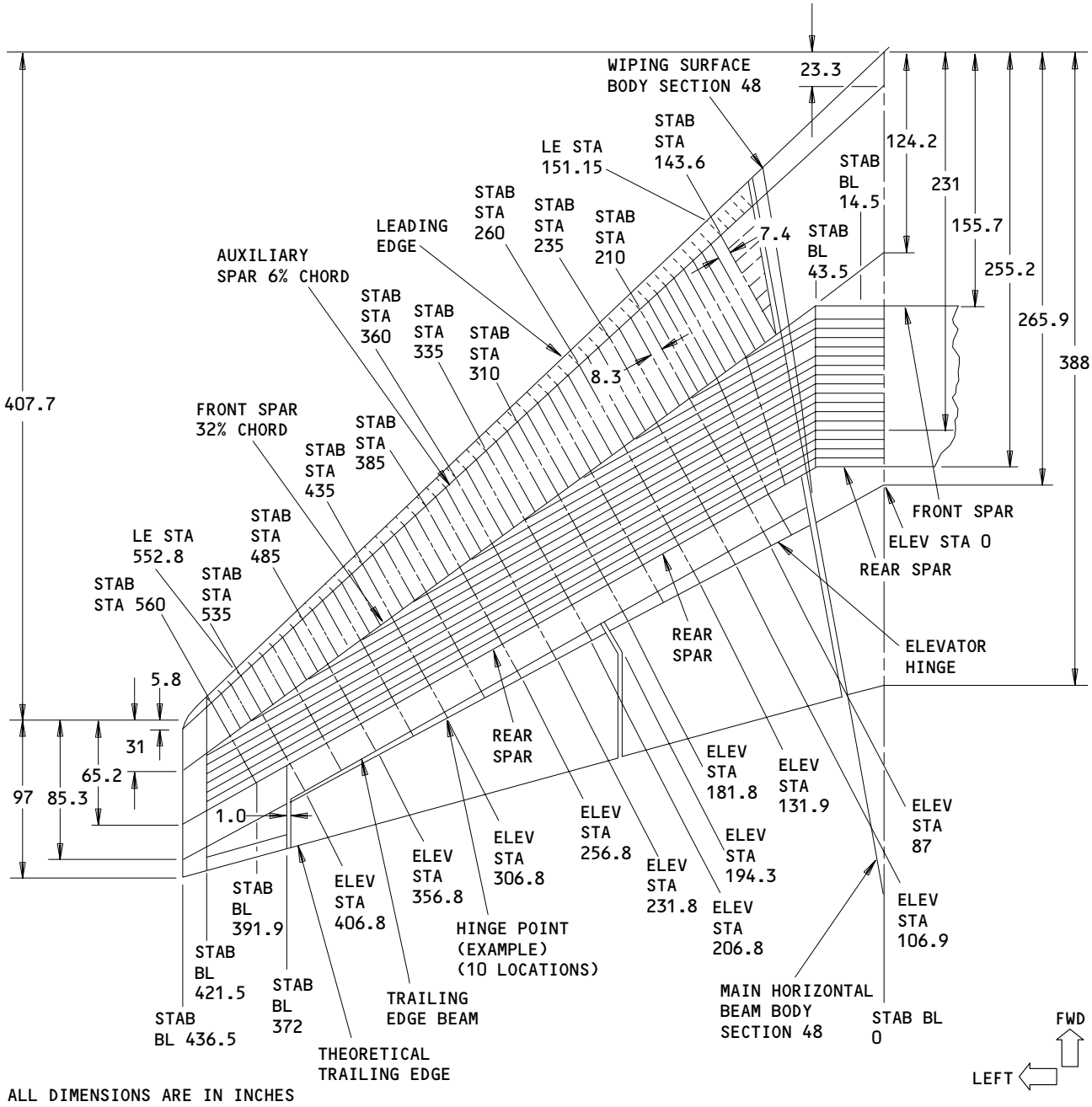
HORIZONTAL STABILIZER AND ELEVATOR STATION DIAGRAM - DESCRIPTION AND OPERATION

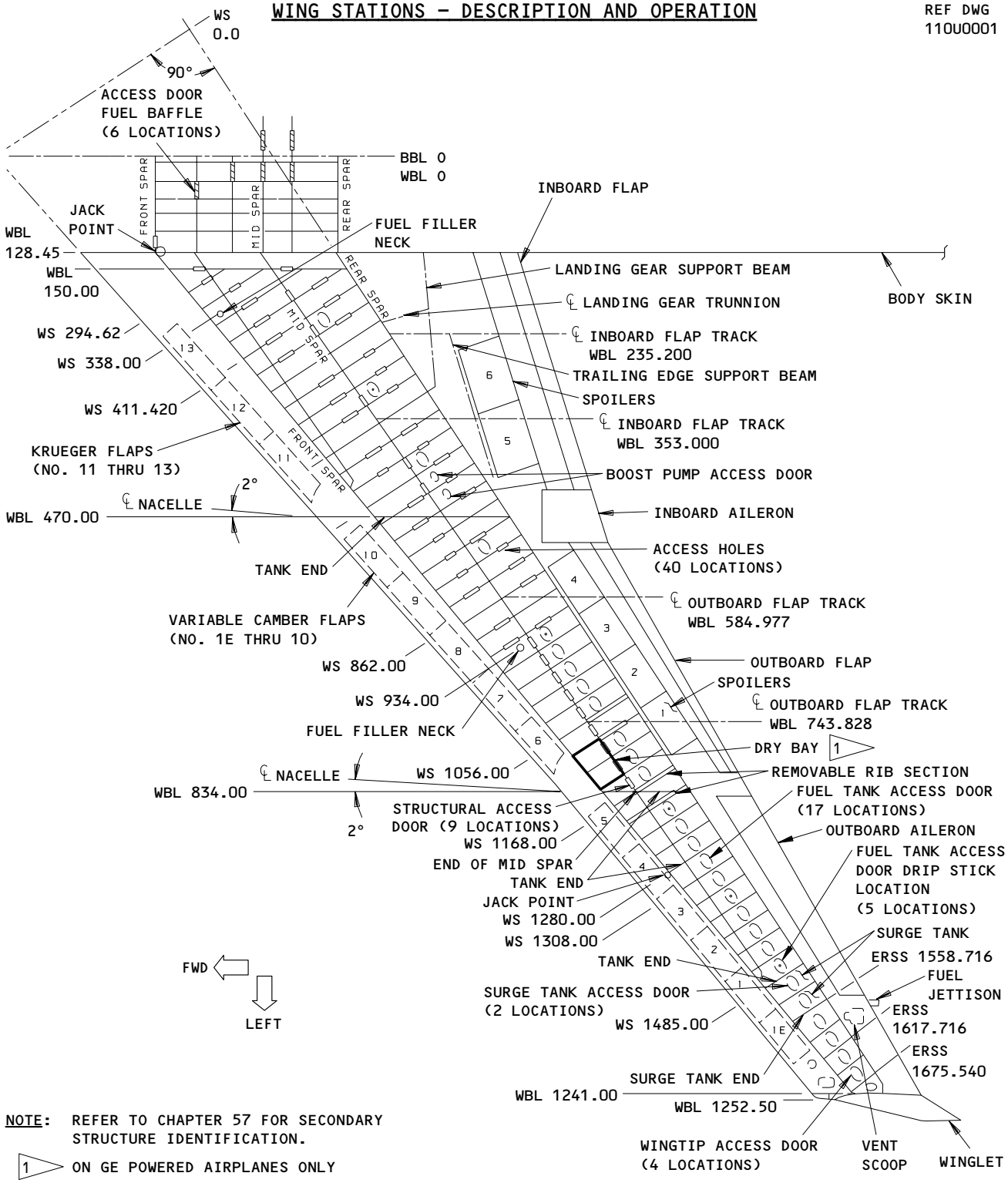
1. STABILIZER STATIONS ARE PERPENDICULAR TO REAR SPAR CENTERLINE.
2. LEADING EDGE STATIONS ARE PERPENDICULAR TO LEADING EDGE.
3. ELEVATOR STATIONS ARE PERPENDICULAR TO ELEVATOR HINGE.
4. TO CONVERT STABILIZER STATION TO LEADING EDGE STATION AT LEADING EDGE. LE STA = (1.03) STAB STA.
5. TO CONVERT STABILIZER STATION TO ELEVATOR STATION AT ELEVATOR HINGE. ELEV STA = STAB STA - 128.2.
6. STABILIZER BUTTOCK LINES ARE PARALLEL TO BODY BUTTOCK LINE 0.



Horizontal Stabilizer and Elevator Station Diagram
Figure 1

WING STATIONS - DESCRIPTION AND OPERATION

REF DWG
11U00001



NOTE: REFER TO CHAPTER 57 FOR SECONDARY STRUCTURE IDENTIFICATION.

1 ON GE POWERED AIRPLANES ONLY

Wing Station Diagram
Figure 1

EFFECTIVITY

ALL

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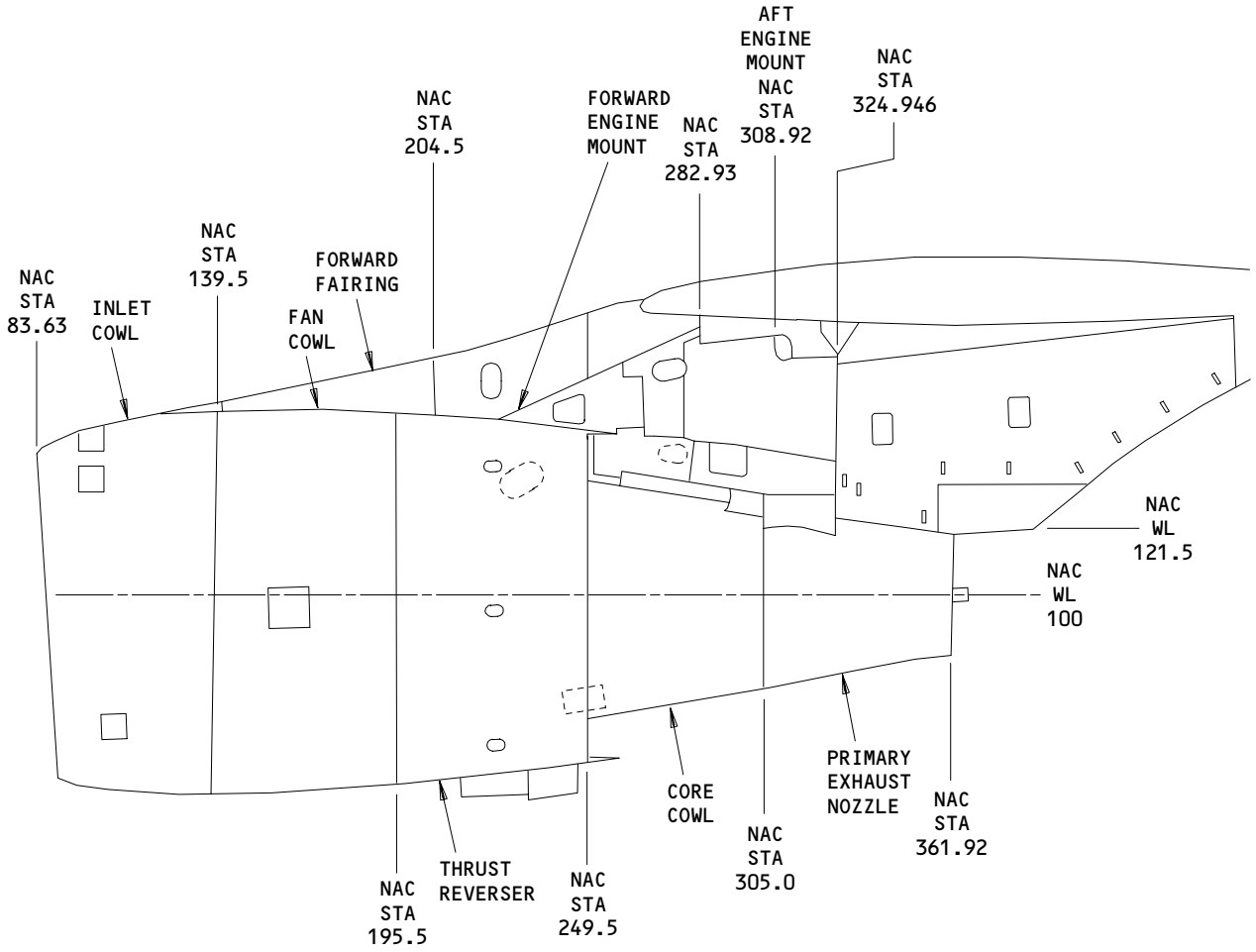
ENGINE AND NACELLE STATION DIAGRAM - DESCRIPTION AND OPERATION



LEFT SIDE

Engine and Nacelle Station Diagram
(CF6-80C2)
Figure 1

297868