

CHAPTER

00

GENERAL

CHAPTER 00
GENERAL

CH-SC-SU	Schem	Page	Sheet	Date	CH-SC-SU	Schem	Page	Sheet	Date
00-EFFECTIVE PAGES									
		1		Mar 07/2012					
		2		BLANK					
00-CONTENTS									
		1		Jun 30/2009					
		2		BLANK					
00-ALPHABETICAL INDEX									
		1		May 02/2008					
		2		BLANK					
00-00-00									
	1	101		Jan 11/2006					
	2	101		Jan 11/2006					
00-06-21									
	1	101		Jan 11/2006					
	2	101		May 02/2008					
		102		May 02/2008					
	3	101		May 02/2008					
00-06-30									
		101		May 02/2008					
00-12-00									
		101		Jun 30/2009					
	1	101		Jan 11/2006					

A = Added, R = Revised, D = Deleted, O = Overflow

00-EFFECTIVE PAGES

Page 1
Mar 07/2012

D280A238

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details

CHAPTER 00 GENERAL

Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
<u>SYMBOLS</u>						
SYMBOLS - MECHANICAL	00-00-00	1	101		Jan 11/2006	ALL
SYMBOLS - ELECTRICAL	00-00-00	2	101		Jan 11/2006	ALL
<u>DIMENSION AND EQUIPMENT LOCATION</u>						
AIRPLANE STATION BODY AND STABILIZER	00-06-21	1	101		Jan 11/2006	ALL
AIRPLANE STATION WING AND NACELLE	00-06-21	2	101		May 02/2008	YD001-YD002 YD005
			102		May 02/2008	YD003-YD004 YD006-YD020
		3	101		May 02/2008	ALL
MAJOR EQUIPMENT CENTERS	00-06-30		101		May 02/2008	ALL
<u>GROUND SERVICE ACCESS PANELS</u>						
GROUND SERVICE ACCESS PANELS	00-12-00		101		Jun 30/2009	ALL
		1			Jan 11/2006	ALL

CHAPTER 00 GENERAL

CH-SC-SU	Title
00-06-21	AIRPLANE STATION BODY AND STABILIZER
00-12-00	GROUND SERVICE ACCESS PANELS
00-06-30	MAJOR EQUIPMENT CENTERS
00-00-00	SYMBOLS - MECHANICAL

CH-SC-SU	Title
<p>For internal purposes only!</p>	

00-ALPHABETICAL INDEX

Page 1
May 02/2008

D280A238

BOEING PROPRIETARY - Copyright © Unpublished Work - See title page for details

MECHANICAL SYMBOLS

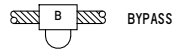
FILTERS



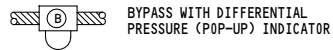
NON-BYPASS



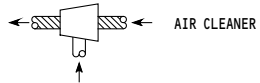
NON-BYPASS WITH MAGNETIC DRAIN PLUG



BYPASS

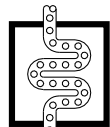


BYPASS WITH DIFFERENTIAL PRESSURE (POP-UP) INDICATOR



AIR CLEANER

HEAT EXCHANGERS



COIL TYPE-AIR COOLED



SCREEN TYPE-AIR COOLED



SCREEN TYPE-FLUID COOLED

MISCELLANEOUS MECHANICAL



CAP OR SEALING PLUG



FLUID FUSE



ACCUMULATOR OR TRANSFER TUBE

MISCELLANEOUS MECHANICAL (CONT)



DISCONNECT OR SIMPLE SWIVEL



SPRING



MOVABLE PIVOT OR BEARING



STRUCTURAL (FIXED) PIVOT OR BEARING



RIGGING PIN FLAG NOTE WITH PIN IDENTIFICATION NUMBER



SHEAR RIVET OR PIN FLAGNOTE



CONTROL CABLE WITH IDENTIFICATION NUMBER AND TURNBUCKLE



MANUAL CONTROL-WHEN USED IN CONNECTION WITH A VALVE SYMBOL, DESIGNATES A POSITION INDICATOR WHICH MAY BE USED FOR MANUAL OVERRIDE.



GEAR BOX



DISENGAGED



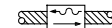
ENGAGED

CLUTCH

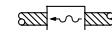
RESTRICTORS



TWO WAY



ONE WAY

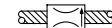


CHECKED

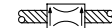


PRESSURE REDUCER (PRESSURE IS REDUCED IN DIRECTION OF ARROW)

FLOW REGULATORS



ONE WAY



TWO WAY

SENSORS



PRESSURE



TEMPERATURE



PRESSURE DIFFERENTIAL

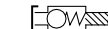
VALVES-FLUID OR PNEUMATIC



CHECK



RELIEF



CHARGING WITH CAP

VALVES-FLUID



CLOSED



OPEN

TWO PORTED-TWO POSITION



THREE PORTED-TWO POSITION *

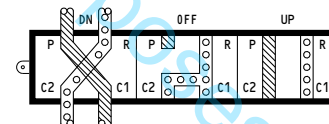


FOUR PORTED-TWO POSITION *

* VALVES ROTATE 90° CLOCKWISE TO OPEN WHEN ACTIVATED UNLESS INDICATED BY A COUNTER-CLOCKWISE ARROW



SHUTTLE



FOUR PORTED-THREE POSITION SELECTOR (TYP)

VALVES-PNEUMATIC



TWO PORTED-TWO POSITION



TWO PORTED-MODULATING



THERMOSTAT

ALL

SYMBOLS - MECHANICAL

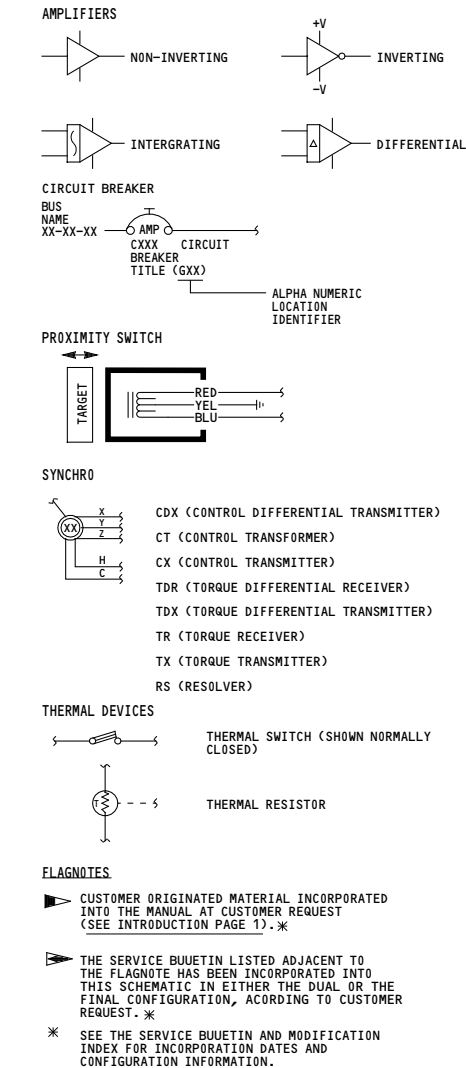
D280A238

00-00-00

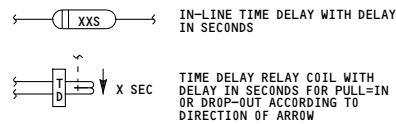
Schem 1
Page 101

Jan 11/2006

ELECTICAL OR ELECTRONIC SYMBOLS

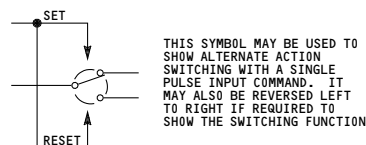
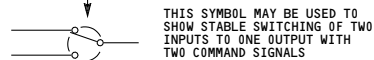
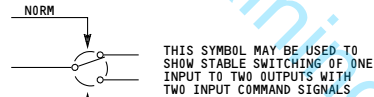
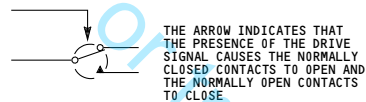


TIME DELAYS

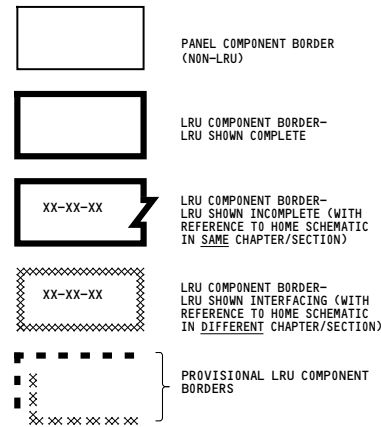


ELECTRONIC SWITCHES

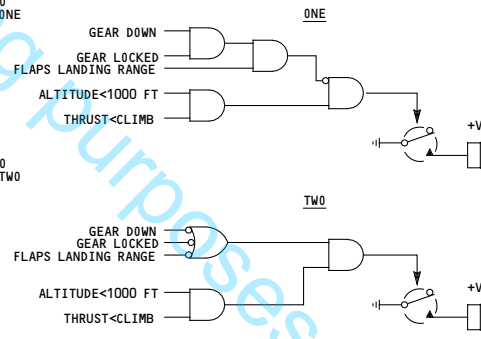
SOLID STATE SWITCHES ARE SHOWN USING CONVENTIONAL SWITCHING SYMBOLOLOGY:



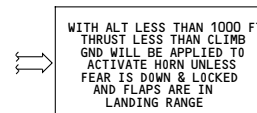
LRU COMPONENT/IDENTIFICATION



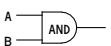

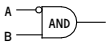
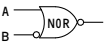
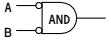


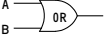

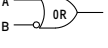

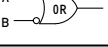
LOGIC DIAGRAMS



WORD STATEMENT



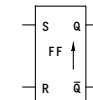
EQUIVALENT LOGIC FUNCTIONS

AND/NAND GATES	OR/NOR GATES	TRUTH TABLE		
		A	B	X
		1	1	1
		1	0	0
		0	1	0
		0	0	0
		1	1	0
		1	0	1
		0	1	1
		0	0	0
		1	1	0
		1	0	1
		0	0	1
		0	1	0
		1	1	1
		1	0	1
		0	1	1
		0	0	0
		1	1	1
		1	0	1
		0	1	1
		0	0	0
		1	1	0
		1	0	1
		0	1	1
		0	0	1
EXCLUSIVE OR GATE		A	B	X
		1	1	0
		1	0	1
		0	1	1
		0	0	0

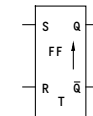
FLIP FLOPS

↑ RISING EDGE TRIGGERED

IF BOTH S & R GO HI SIMULTANEOUSLY. OUTPUT REAINS UNCHANGED. S/R FLIP FLOPS RETAIN PWR DOWN STATE IF NOT RESET AT PWR UP.



IF S GOES HI, Q=1 & Q̄=0
IF R GOES HI, Q=0 & Q̄=1



IF S GOES HI, Q=1 & Q̄=0
IF R GOES HI, Q=0 & Q̄=1
IF S=0 & R=0 & T GOES HI, Q & Q̄ WILL TOGGLE.

ALL

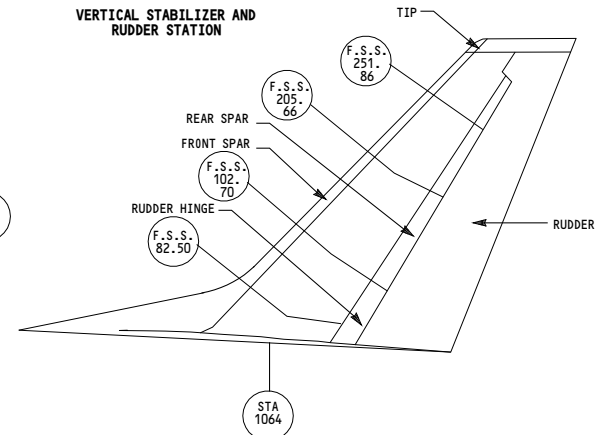
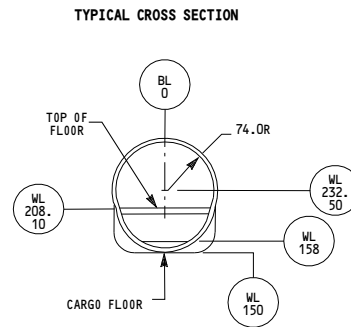
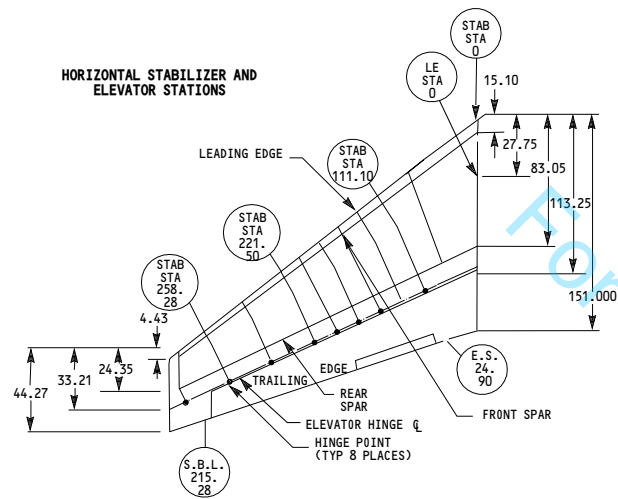
SYMBOLS - ELECTRICAL

D280A238

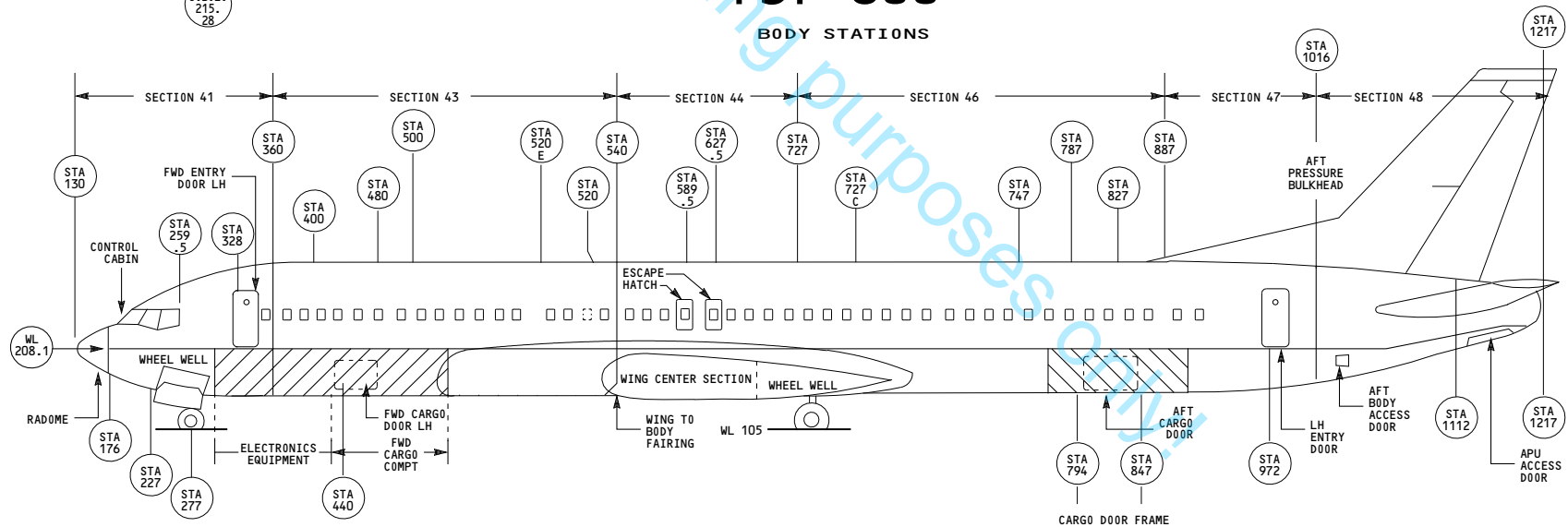
00-00-00

Schem 2
Page 101

Jan 11/2006



737-800 **BODY STATIONS**



ALL

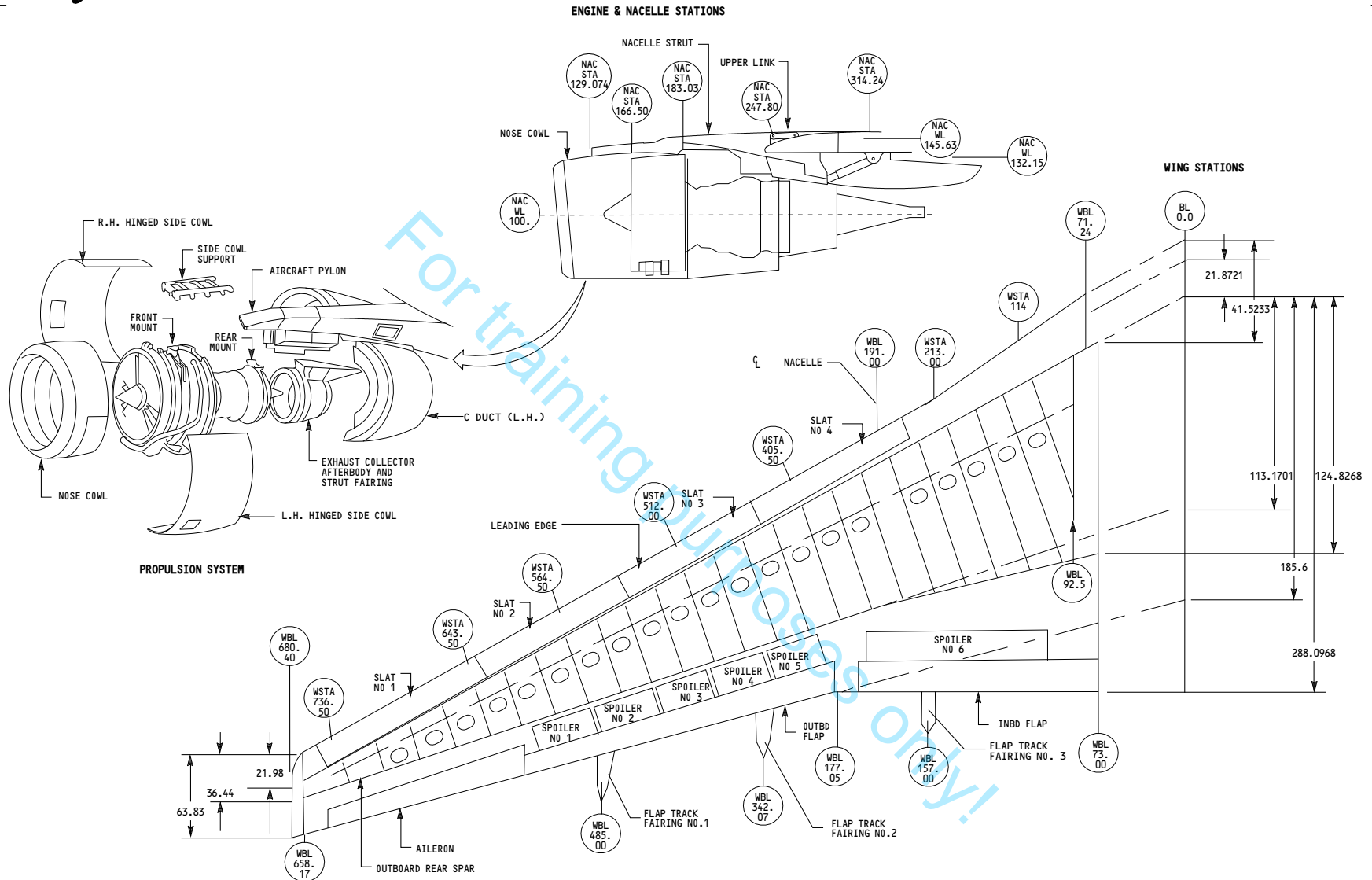
AIRPLANE STATION BODY AND STABILIZER

D280A238

00-06-21

Schem 1
Page 101

Jan 11/2006



YD001-YD002, YD005

AIRPLANE STATION WING AND NACELLE

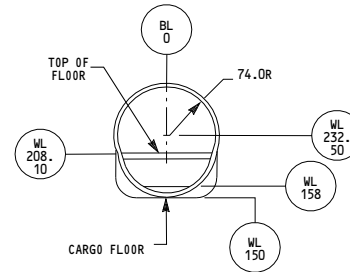
D280A238

00-06-21

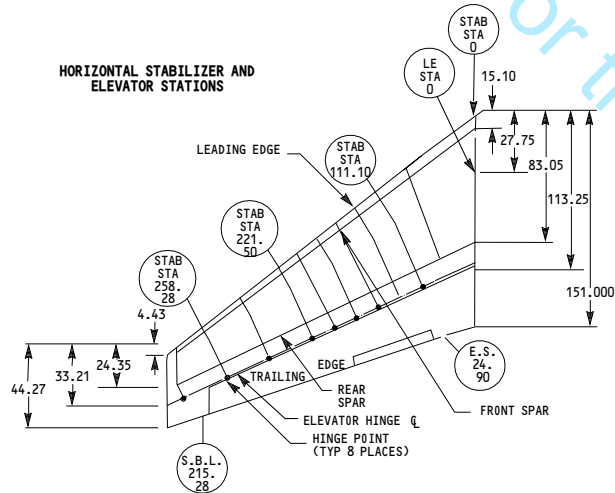
Schem 2
Page 101

May 02/2008

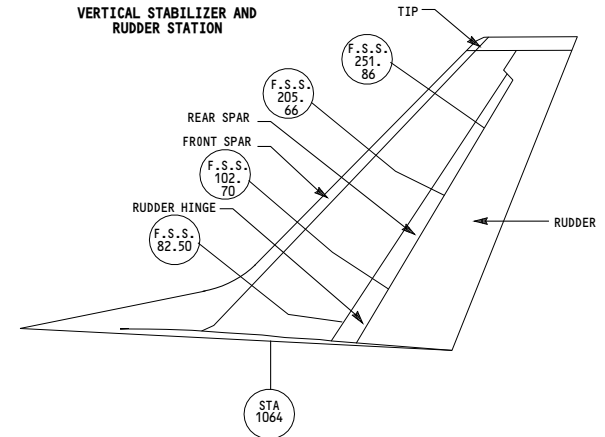
TYPICAL CROSS SECTION



HORIZONTAL STABILIZER AND ELEVATOR STATIONS



VERTICAL STABILIZER AND RUDDER STATION



ALL

**AIRPLANE STATION
WING AND NACELLE**

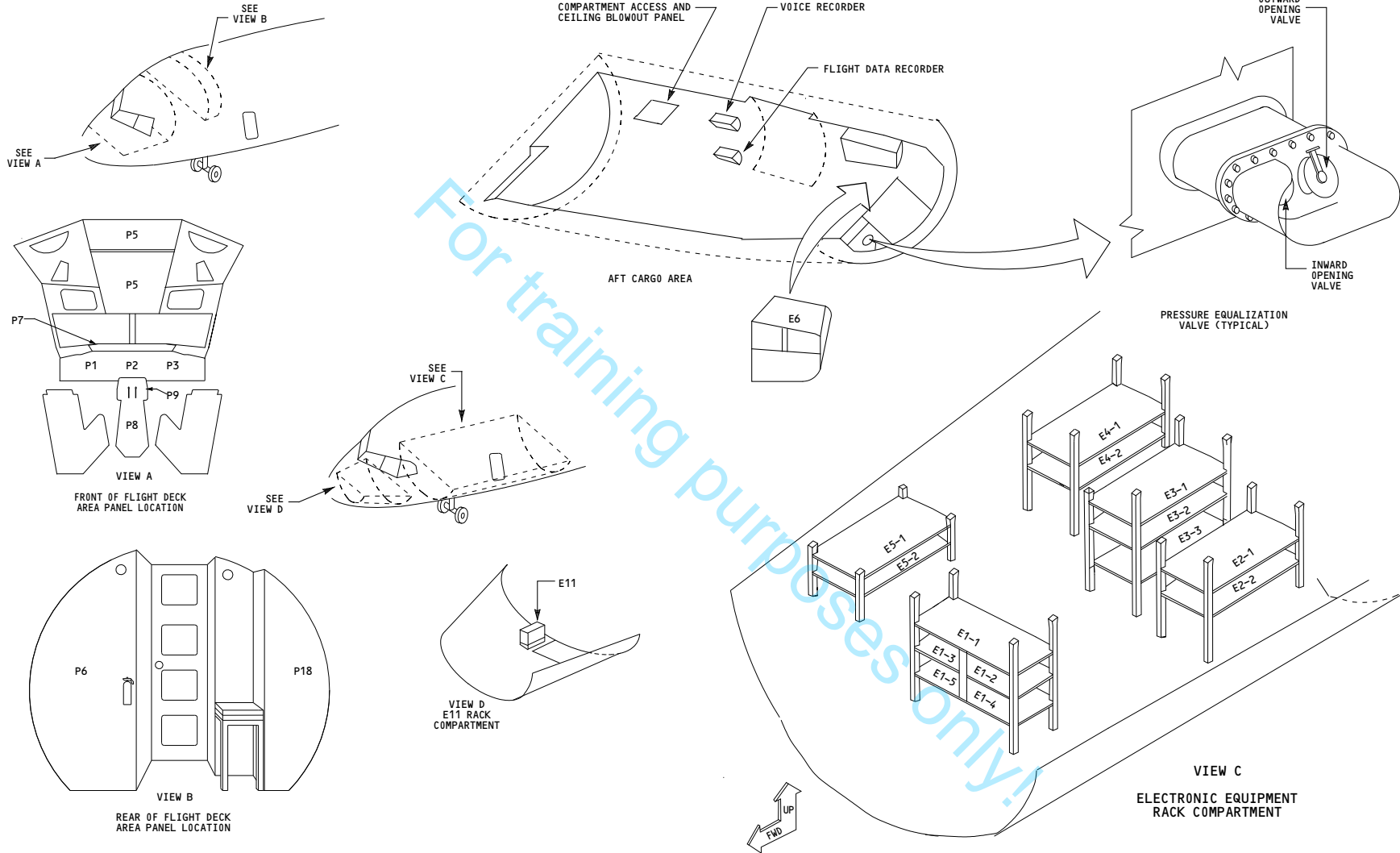
D280A238

00-06-21

Schem 3
Page 101

May 02/2008

-B
1



ALL

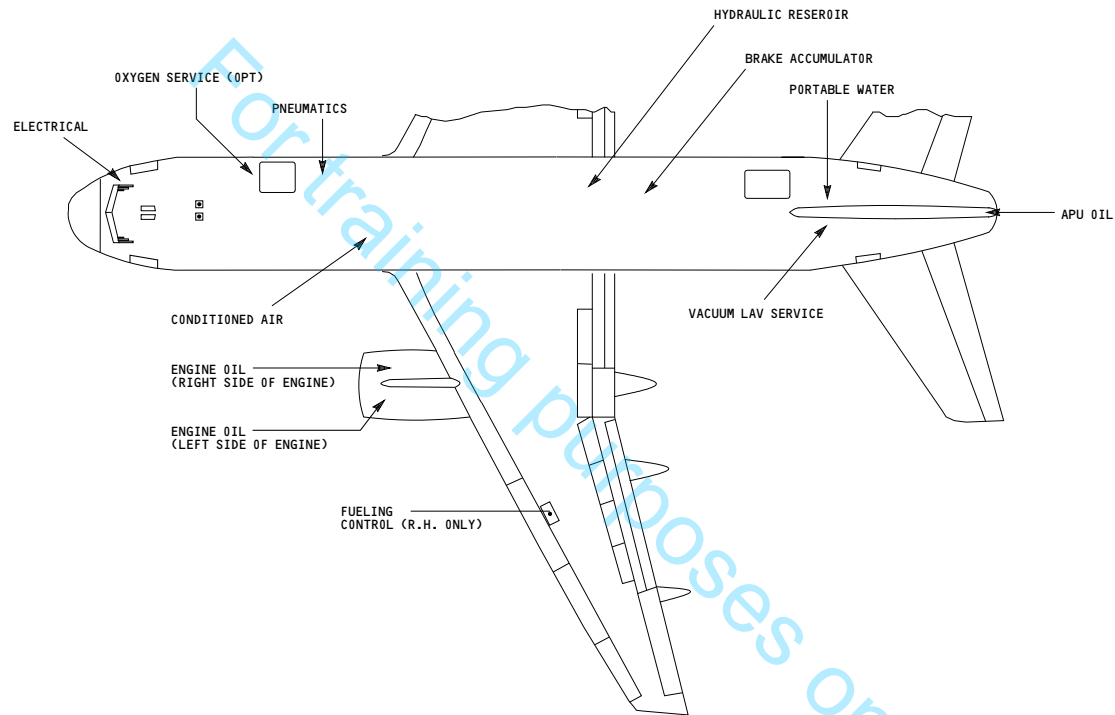
**MAJOR EQUIPMENT
CENTERS**

D280A238

00-06-30

Page 101

May 02/2008



ALL

**GROUND SERVICE
ACCESS PANELS**

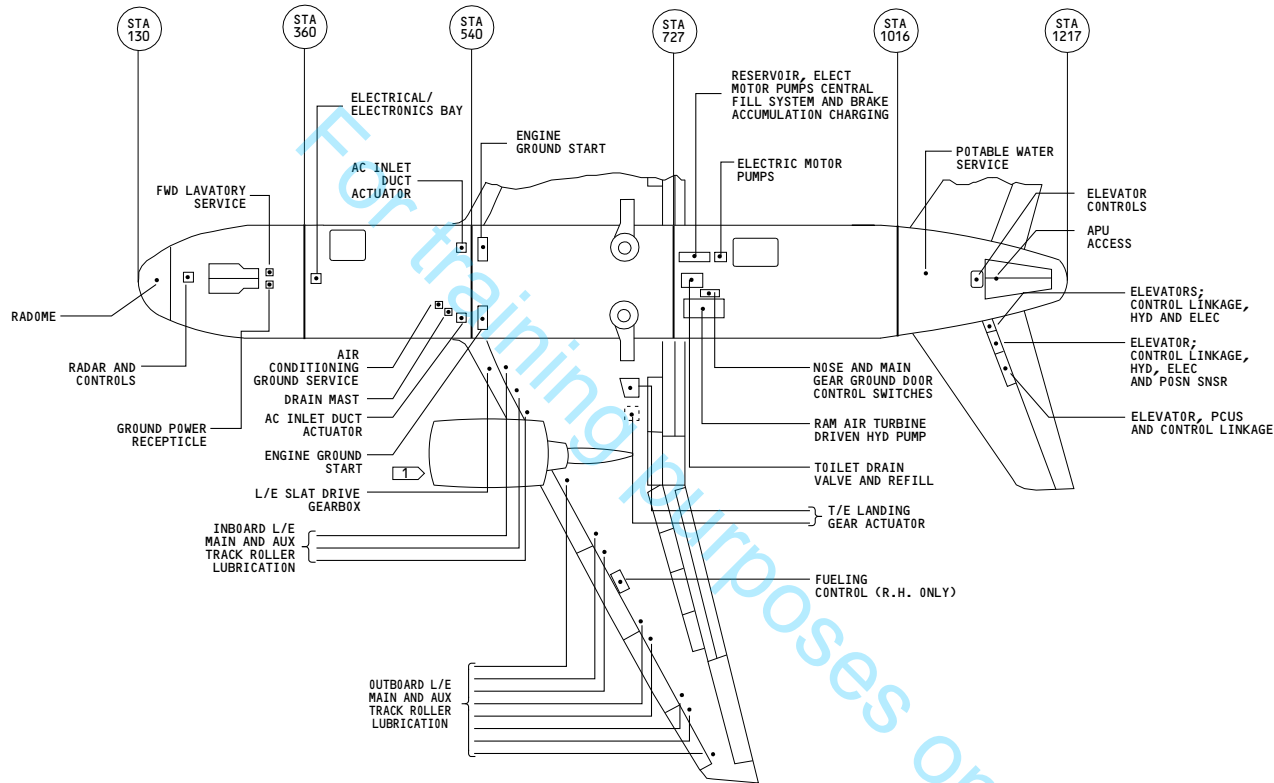
D280A238

00-12-00

Page 101

Jun 30/2009

-A
1



NOTE:

VIEW FROM BOTTOM LOOKING UP.

1 SEE 71-00-00 FOR VIEW OF POWER PLANT/NACELLE STRUT SERVICE ACCESS PANELS

ALL	GROUND SERVICE ACCESS PANELS
	D280A238

00-12-00

Schem 1
Page 101

Jan 11/2006