CHAPTER (O) GENERAL



CHAPTER 00 GENERAL

CH-SC-SU	Schem	Page	Sheet	Date		CH-SC-SU	Schem	Page	Sheet	Date
00-EFFECTIVE PAGES										
		1		Oct 09/2008						
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A = Added, R = Revised, D = Deleted, O = Overflow

00-EFFECTIVE PAGES



CHAPTER 00 GENERAL

		GENERA	L			
Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
<u>SYMBOLS</u>						
SYMBOLS - MECHANICAL	00-00-00	1	101		Jan 21/2005	ALL
SYMBOLS - ELECTRICAL	00-00-00	2	101		Jan 21/2005	ALL
DIMENSION AND EQUIPMENT LOCATION						
AIRPLANE STATION BODY AND STABILIZER	00-06-21	1	101		Jan 21/2005	ALL
AIRPLANE STATION WING AND NACELLE	00-06-21	2	101		Jan 21/2005	ALL
PANEL LOCATIONS	00-06-30	1	101		Jan 21/2005	ALL
MAJOR EQUIPMENT CENTERS	00-06-30	2	101		Jan 21/2005	ALL
GROUND SERVICE ACCESS PANELS						
GROUND SERVICE ACCESS PANELS	00-12-00	1	101		Jan 21/2005	ALL

00-CONTENTS

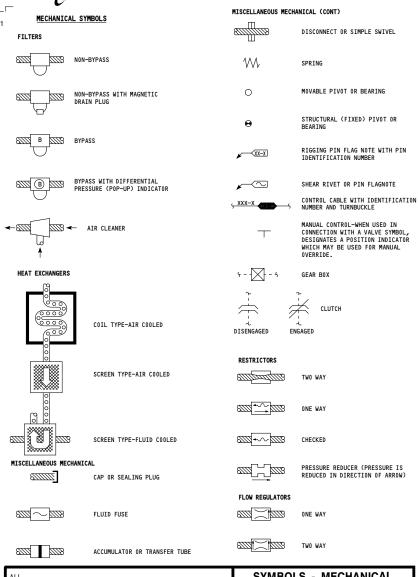


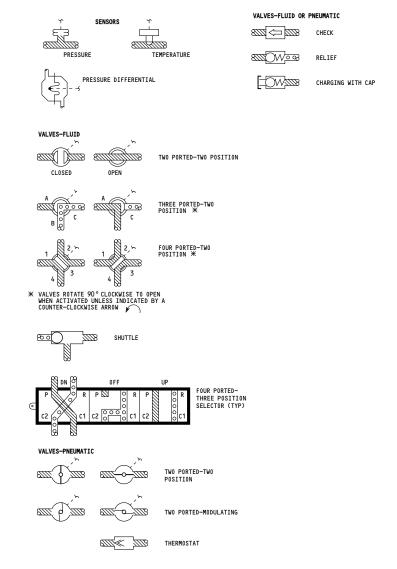
CHAPTER 00 GENERAL

CH-SC-SU	Title	CH-SC-SU	Title
00-06-21	AIRPLANE STATION BODY AND STABILIZER		
00-12-00	GROUND SERVICE ACCESS PANELS		
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00-ALPHABETICAL INDEX







SYMBOLS - MECHANICAL

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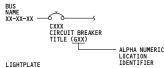


A ELECTRICAL/ELECTRONIC 1 SYMBOLS

AMPLIFIERS



CIRCUIT BREAKER



PROXIMITY SENSOR



TARGET FAR IN CONDITION SHOWN-OUTPUT OF PROXIMITY DETECTOR WILL BE LOGIC I UPON POWER APPLICATION



TARGET NEAR IN CONDITION SHOWN-OUTPUT OF PROXIMITY DETECTOR WILL BE LOGIC O UPON POWER APPLICATION

SYNCHRO



CDX (CONTROL DIFFERENTIAL TRANSMITTER)

CT (CONTROL TRANSFORMER)

CX (CONTROL TRANSMITTER)

TDR (TORQUE DIFFERENTIAL RECEIVER)

TDX (TORQUE DIFFERENTIAL TRANSMITTER)
TR (TORQUE RECEIVER)

......

TX (TORQUE TRANSMITTER)
RS (RESOLVER)

THERMAL DEVICES



THERMAL SWITCH (SHOWN NORMALLY CLOSED)

I

THERMAL RESISTOR

TIME DELAYS



IN-LINE TIME DELAY WITH DELAY IN SECONDS



TIME DELAY RELAY COIL WITH DELAY IN SECONDS FOR PULL-IN OR DROP-OUT ACCORDING TO DIRECTION OF ARROW

LRU/COMPONENT IDENTIFICATION



PANEL COMPONENT BORDER (NON-LRU)



LRU COMPONENT BORDER-LRU SHOWN COMPLETE



LRU COMPONENT BORDER-LRU SHOWN INCOMPLETE (WITH REFERENCE TO HOME SCHEMATIC IN SAME CHAPTER/SECTION)



LRU COMPONENT BORDER-LRU SHOWN INTERFACING (WITH REFERENCE TO HOME SCHEMATIC IN <u>DIFFERENT</u> CHAPTER/SECTION)



PROVISIONAL LRU COMPONENT BORDERS

NOTE: WHEN AN LRU IS SHOWN MORE THAN ONCE ON THE <u>SAME</u> SCHEMATIC A A3 WILL APPEAR INSIDE THE BORDER

MATHEMATICAL SYMBOLS

< LESS THAN

< LESS THAN OR EQUAL TO

> GREATER THAN

GREATER THAN OR EQUAL TO

CX ALPHA; DIRECTION ANGLE WITH X-AXIS (ANGLE OF ATTACK)

BETA; DIRECTION ANGLE WITH Y-AXIS
(ANGLE OF YAW)

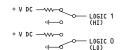
DELTA; DIFFERENCE OR DIFFERENTIAL

∑ SIGMA; SUMMATION

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LOGIC SYMBOLS

BASIC DEFINITION



NOTE: POSITIVE LOGIC WILL BE USED ON ALL SCHEMATICS UNLESS OTHERWISE SPECIFICALLY INDICATED.
PULL-UP RESISTOR WILL NOT NECESSARILY BE SHOWN WHERE NOT REQUIRED FOR FAULT-FINDING OR UNDERSTANDING.

LOGIC OR SOLID STATE SWITCH

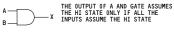


SIGNAL SUMMING POINT



LOGIC ELEMENT DEFINITION

AND GATE



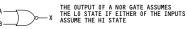
NAND GATE



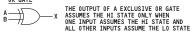
OR GATE

THE OUTPUT OF A OR GATE ASSUMES THE HI STATE IF ONE OR MORE OF THE INPUTS ASSUME THE HI STATE

NOR GATE



EXCLUSIVE OR GATE



EQUIVALENT LOGIC FUNCTIONS

AND/NAND GATES	OR/NOR GATES	TRUTH TABLE			
AND/NAND GATES	UN/NUN GATES	Α	В	Χ	
A AND X	A — O NOR O — X	1 1 0 0	1 0 1 0	1 0 0 0	
A — AND — X	A X B X	1 1 0 0	1 0 1 0	0 0 1 0	
A — AND — X	A	1 1 0 0	1 0 1 0	0 0 0 1	
A — NANDO— X	A X	1 1 0 0	1 0 1 0	1 1 1 0	
A — NANDO— X	$\begin{array}{c} A \longrightarrow \\ B \longrightarrow \\ \end{array} \qquad \qquad X$	1 1 0 0	1 0 1 0	1 1 0 1	
A NANDO-X	A — O OR — X	1 1 0 0	1 0 1 0	0 1 1	
EXCLUSIVE OR GATE	A	1 1 0 0	1 0 1 0	0 1 1 0	

FILTER & COMPARATOR

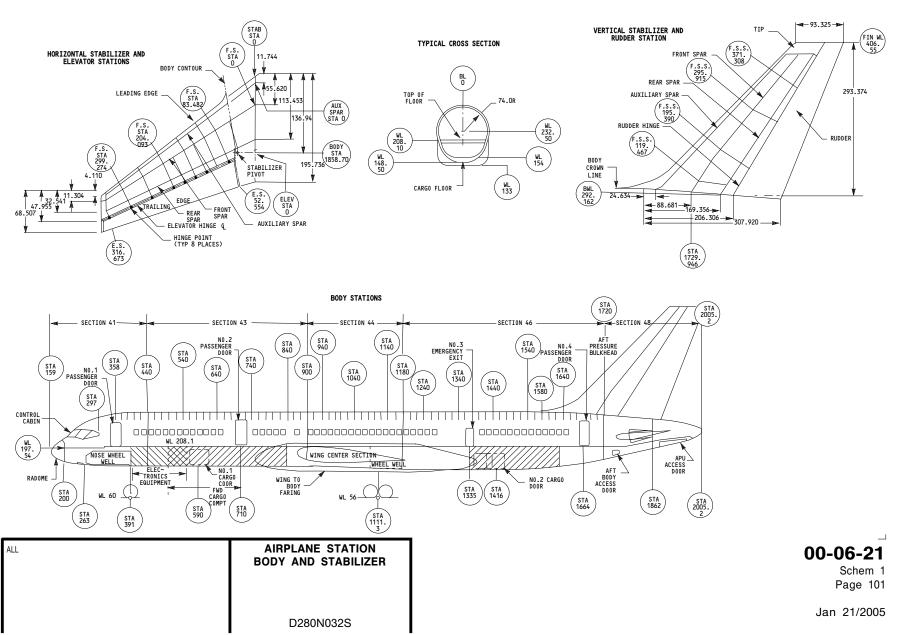
FLAGNOTES

- CUSTOMER ORIGINATED MATERIAL INCORPORATED INTO THE MANUAL AT CUSTOMER REQUEST (SEE INTRODUCTION PAGE 1.) **
- THE SERVICE BULLETIN LISTED ADJACENT TO THE FLAGNOTE HAS BEEN INCORPORATED INTO THIS SCHEMATIC IN EITHER THE DUAL OR THE FINAL CONFIGURATION, ACCORDING TO CUSTOMER DEPONLETORY.
- SEE THE SERVICE BULLETIN AND MODIFICATION INDEX FOR INCORPORATION DATES AND CONFIGURATION INFORMATION.

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()_BOEING® 757-200 SYSTEM SCHEMATIC MANUAL **ENGINE & NACELLE STATIONS** P.P. STA 252.62/ NACELLE STRUT UPPER LINK FRONT ENGINE MOUNT NOSE COWL DIAGONAL BRACE WING STATIONS REAR ENGINE MOUNT BL 0.0 WBL 79. 50 WL 100. R.H. HINGED SIDE COWL - SIDE COWL SUPPORT AIRCRAFT PYLON 30.55 DRY BAY 68.2257 WSTA 150. 50 FRONT MOUNT SLAT NO.5 WBL 255. 00 NACELLE -WSTA 258. 50 C DUCT (L.H.) EXHAUST COLLECTOR AFTERBODY AND STRUT FAIRING 139.65 NOSE COWL L.H. HINGED SIDE COWL LEADING EDGE SLAT -WSTA 594. 50 WBL 95. 206.74 PROPULSION SYSTEM WSTA 681. 50 WBL 750. 00 SPOILER NO.5 SPOILER NO.6 SPOILER NO.4 286.50 SLAT NO.1 SPOILER NO.3 WSTA 806. 85 SPOILER NO.2 SPOILER NO.1 INBD FLAP WBL 70. 7693 WBL 300. 017 25.50 37.00 FLAP TRACK FAIRING NO.3 WBL 361. WBL 230. 68.00 FLAP TRACK FAIRING NO.2 FLAP TRACK FAIRING NO.1 AILERON WBL 740. 00 REAR SPAR

ALL AIRPLANE STATION WING AND NACELLE

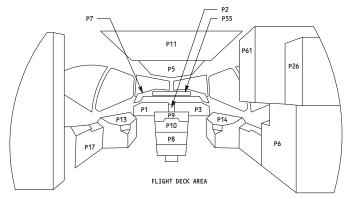
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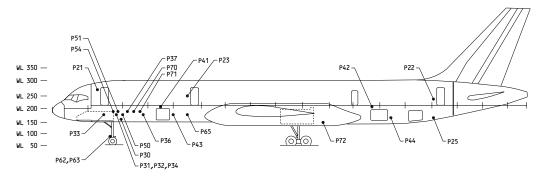
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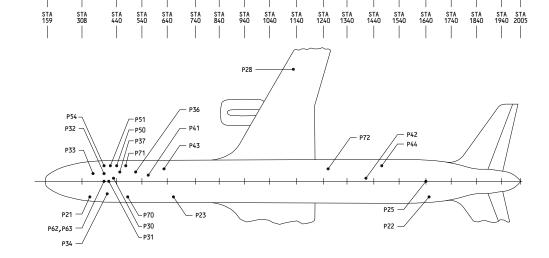
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	PANEL NOMENCLATURE						
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P3	FIRST OFFICERS INSTRUMENTS						
P5	OVERHEAD						
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P7	PILOTS GLARESHIELD						
P8	PILOTS AFT CONTROL STAND						
P9	FWD ELEC CONTROL STAND						
P10	QUADRANT CONTROL STAND						
P11	OVERHEAD CIRCUIT BREAKER						
P13	CAPTAINS FWD AUX INSTR						
P14	FIRST OFFICERS FWD INSTR						
P17	FIRST OBSERVERS INSTR						
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P22	AFT ATTENDANT (NO.4 LEFT PASSENGER DOOR AREA)						
P23	MID ATTENDANT (NO.2 LEFT PASSENGER DOOR AREA)						
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P71	HYDRAULIC GENERATOR CONTROL PANEL						
P72	MAIN WHEEL WELL ELECTRICAL SERVICE (AFT OF WHEEL						
	WELL, LOWER FUSELAGE)						

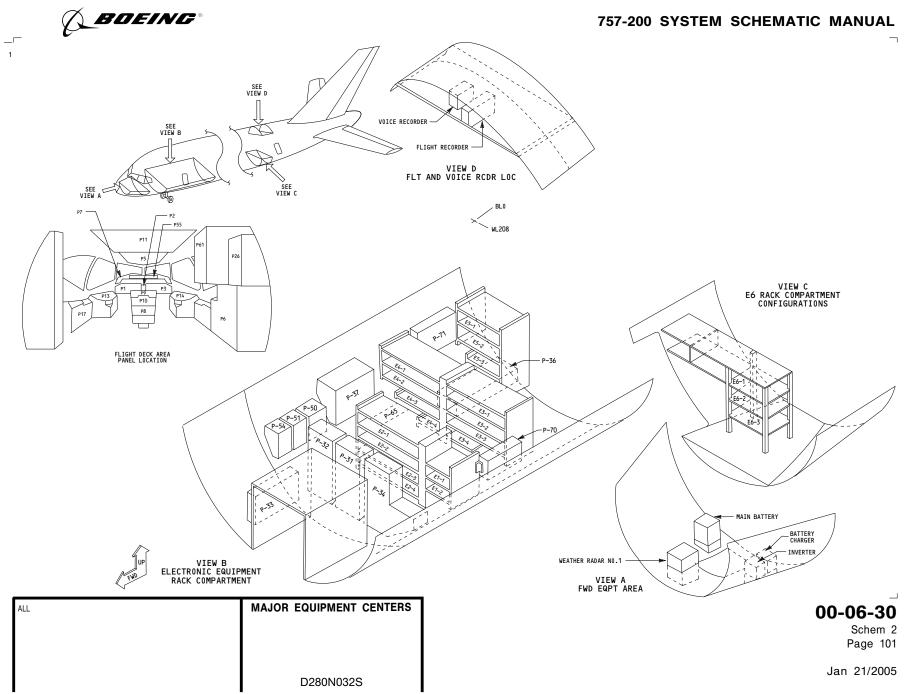


ALL PANEL LOCATIONS

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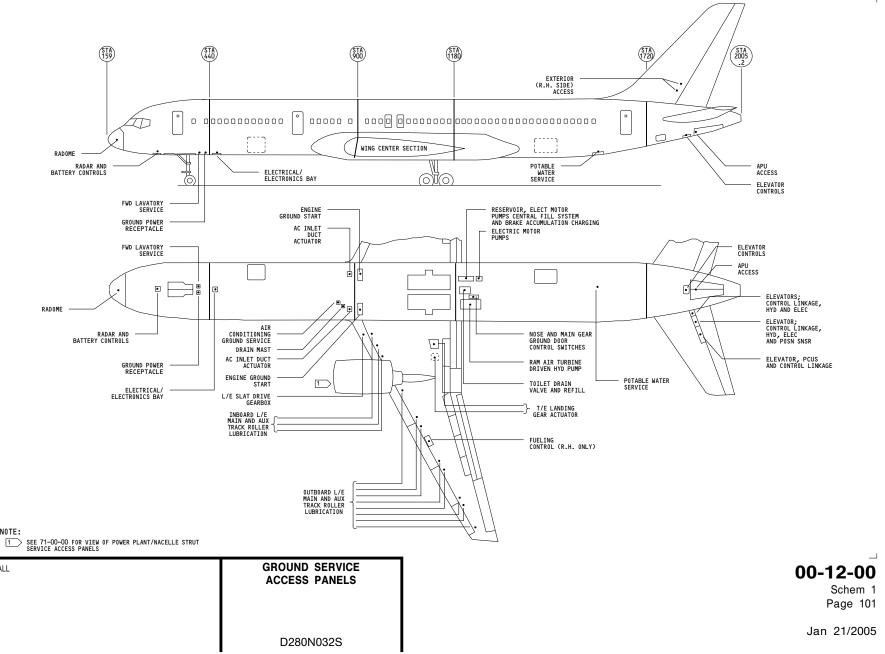




NOTE:

ALL

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