

**CHAPTER**

**22**

**AUTOFLIGHT**



CHAPTER 22  
AUTOFLIGHT

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22-EFFECTIVE PAGES					22-10-02 (cont.)				
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R		2		Oct 09/2008				2	Jan 21/2005
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22-ALPHABETICAL INDEX							103	1	Jan 21/2005
		1		Dec 18/2007				2	Jan 21/2005
		2		BLANK				3	Jan 21/2005
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		101		Jan 21/2005				1	Oct 09/2008
		102	1	Jan 21/2005	R		103.1	2	Dec 18/2007
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		101		Jan 21/2005	R				
		102		Jan 21/2005		22-10-03			
A		102.1		Oct 09/2008			101	1	Jan 21/2005
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			2	Jan 21/2005				2	Jan 21/2005
			3	Jan 21/2005			102.1	1	Dec 18/2007
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A = Added, R = Revised, D = Deleted, O = Overflow

**22-EFFECTIVE PAGES**

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			2	Jan 21/2005				2	Jan 21/2005
		102	1	Jan 21/2005	22-30-01		101		Jan 21/2005
			2	Jan 21/2005			102		Jan 21/2005
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A			2	Oct 09/2008			101	1	Jan 21/2005
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		101		Jan 21/2005			102	1	Jan 21/2005
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			2	Jan 21/2005				2	Dec 18/2007
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		101	1	Jan 21/2005	R		101	1	Oct 09/2008
			2	Jan 21/2005				2	Jan 21/2005
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			2	Jan 21/2005			101		Jan 21/2005
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			2	Dec 18/2007			102		Jan 21/2005
		102	1	Dec 18/2007	22-33-01				
			2	Dec 18/2007			101		Jan 21/2005
22-24-01					22-41-01				
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A = Added, R = Revised, D = Deleted, O = Overflow

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AUTOFLIGHT

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		102	1	Jan 21/2005					
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		101		Jan 21/2005					

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

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<b><u>AUTOPILOT</u></b>						
AFCS MODE CONTROL PANEL	22-10-01		101		Jan 21/2005	001-099
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FCC INTERFACE - RIGHT	22-10-03		101	1	Jan 21/2005	001-099	
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<b><u>YAW DAMPER SYSTEM</u></b>							
YAW DAMPER - SIMPLIFIED	22-21-00		101		Jan 21/2005	ALL	
YAW DAMPER - LEFT	22-21-01			1	Dec 18/2007	ALL	
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YAW DAMPER - RIGHT	22-21-02			1	Jan 21/2005	001-099	
				2	Jan 21/2005	001-099	



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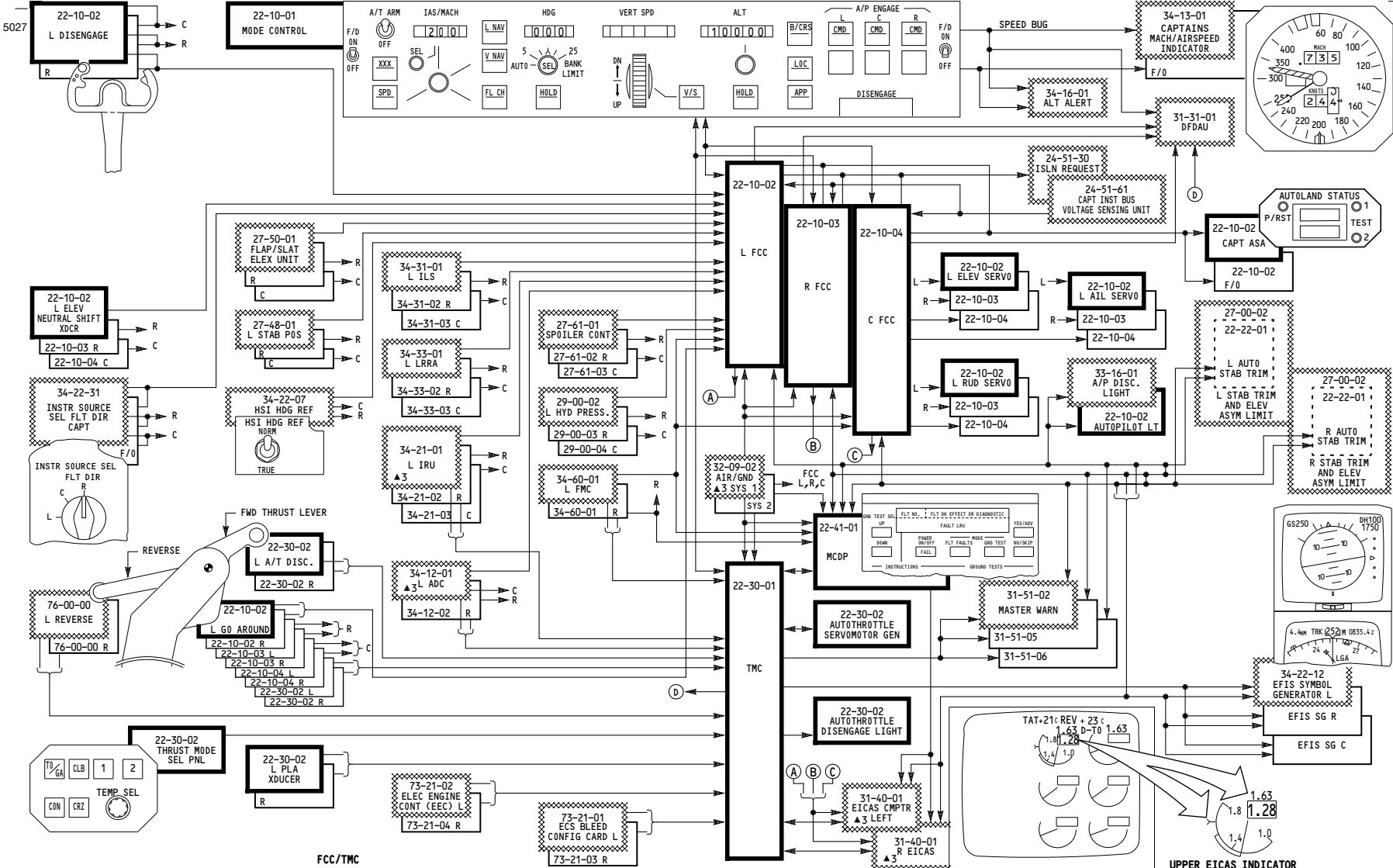
Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
YAW DAMPER - RIGHT (cont.)	22-21-02		102	1	Jan 21/2005	115-199
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<b><u>AUTOMATIC STABILIZER TRIM SYSTEM</u></b>						
AUTOMATIC STABILIZER TRIM	22-22-01		101	1	Dec 18/2007	001-099
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<b><u>MACH TRIM/SPEED STABILITY SYSTEM</u></b>						
MACH TRIM/SPEED STABILITY	22-24-01		101	1	Jan 21/2005	ALL
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<b><u>AUTOTHROTTLE</u></b>						
THRUST MANAGEMENT COMPUTER	22-30-01		101		Jan 21/2005	001-099
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THRUST MANAGEMENT COMPUTER - ANALOG INTERFACE	22-30-02		101	1	Jan 21/2005	001-099
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THRUST MANAGEMENT COMPUTER - DIGITAL INPUTS AND OUTPUTS	22-30-03		101	1	Oct 09/2008	ALL
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THRUST MANAGEMENT COMPUTER - ENGAGE LOGIC	22-31-01		101		Jan 21/2005	ALL
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THRUST MANAGEMENT COMPUTER - AUTOTHROTTLE	22-32-01		101		Jan 21/2005	001-099
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<b><u>THRUST MANAGEMENT ENGINE</u></b>						
THRUST MANAGEMENT COMPUTER - THRUST LIMIT	22-33-01		101		Jan 21/2005	ALL
<b><u>MAINTENANCE MONITOR</u></b>						
MAINTENANCE CONTROL AND DISPLAY PANEL	22-41-01		101	1	Jan 21/2005	001-099
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				2	Jan 21/2005	115-199
MAINTENANCE CONTROL AND DISPLAY PANEL - GROUND TEST MODE	22-41-03		101		Jan 21/2005	001-099

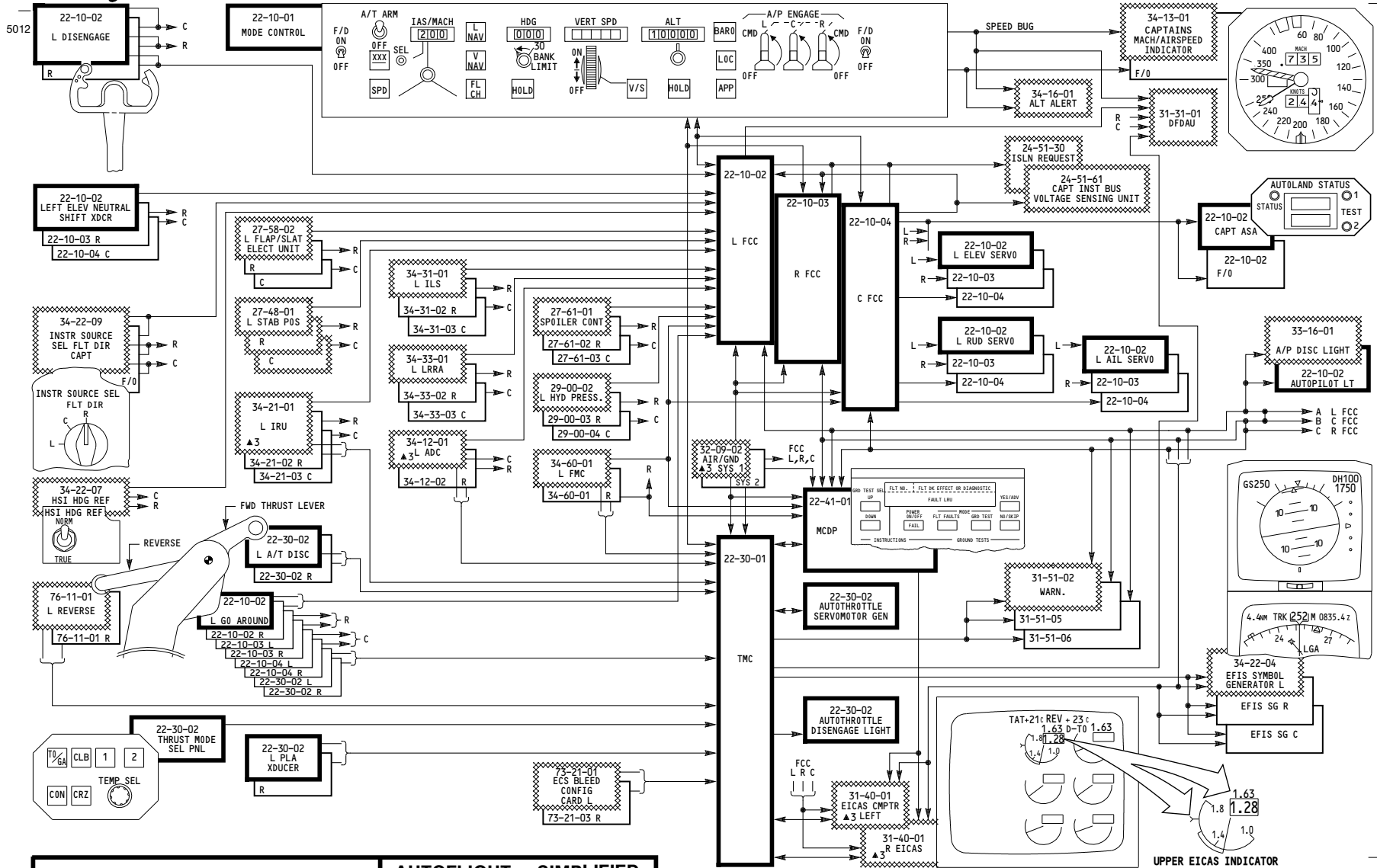






<p>001-099</p>	<p><b>AUTOFLIGHT - SIMPLIFIED</b></p> <p>D280N032S</p>
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**22-00-00**



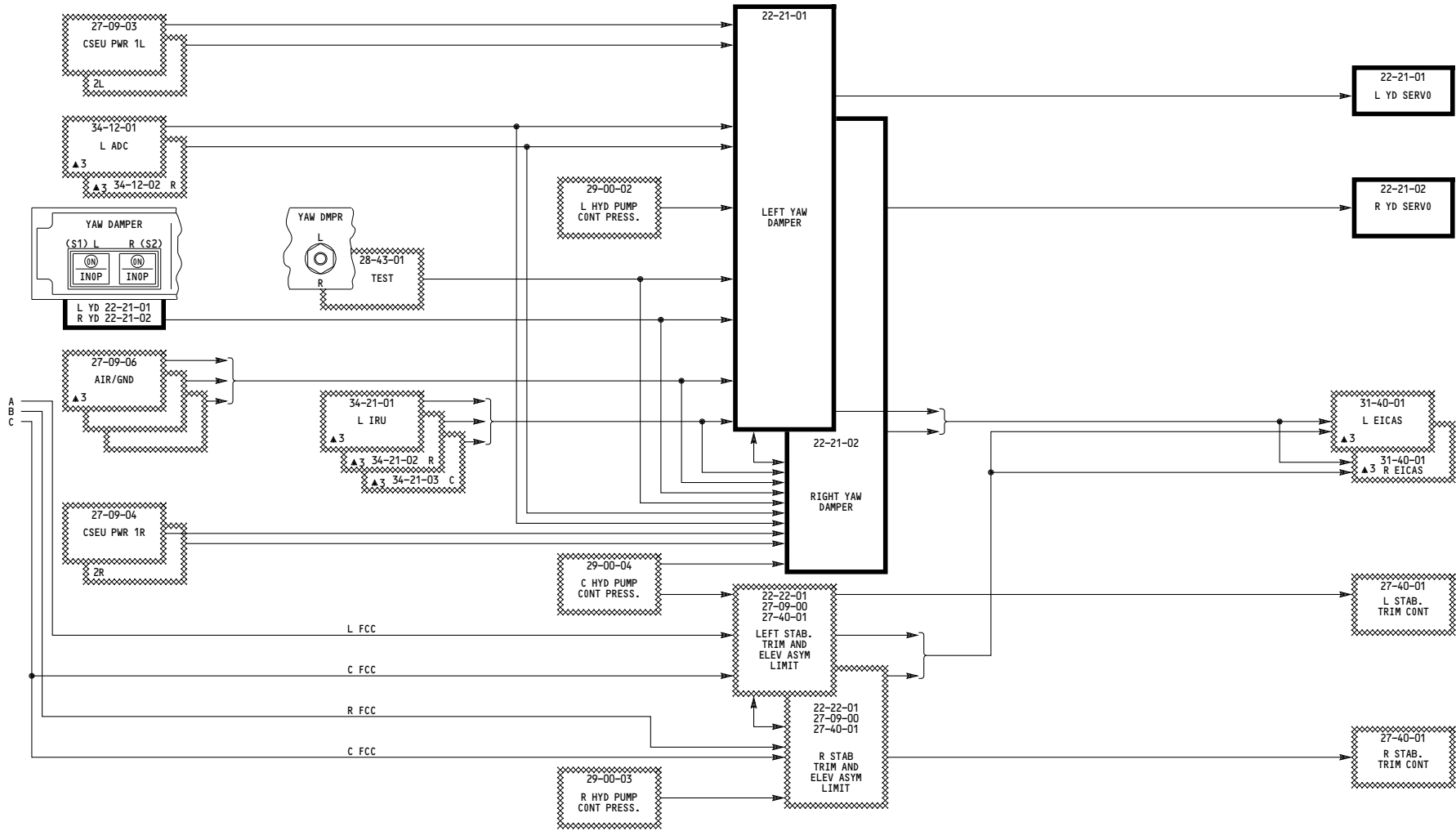
115-199

**AUTOFLIGHT - SIMPLIFIED**

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**22-00-00**

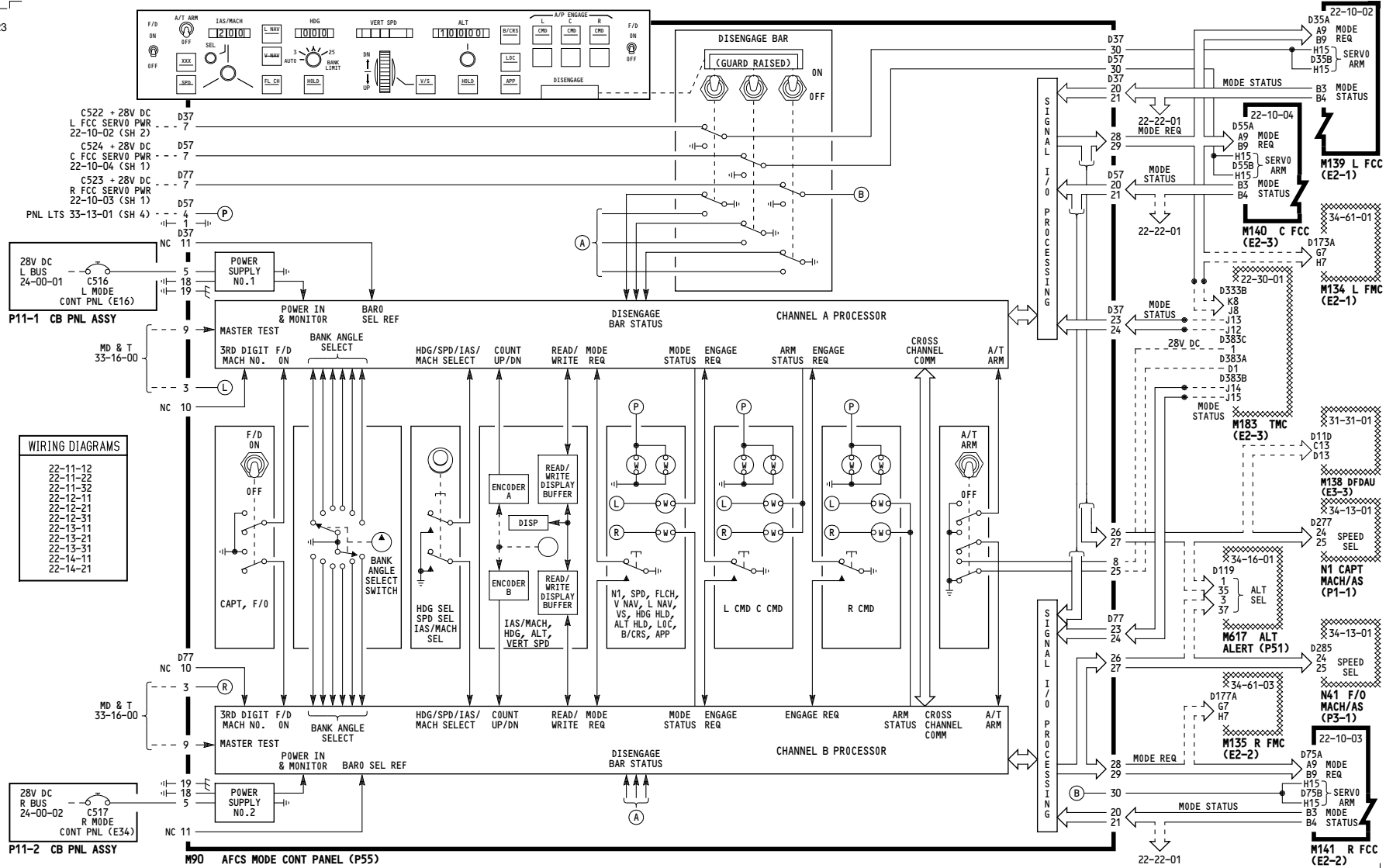
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115-199	<p><b>AUTOFLIGHT - SIMPLIFIED</b></p> <p>D280N032S</p>
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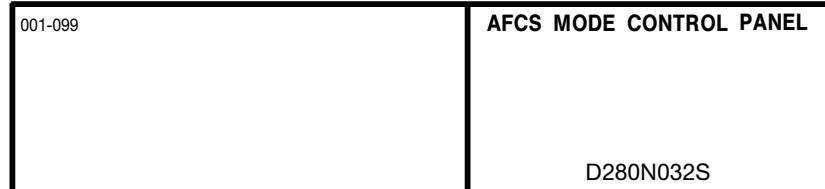
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5023



**WIRING DIAGRAMS**

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- 22-12-21
- 22-12-31
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- 22-13-21
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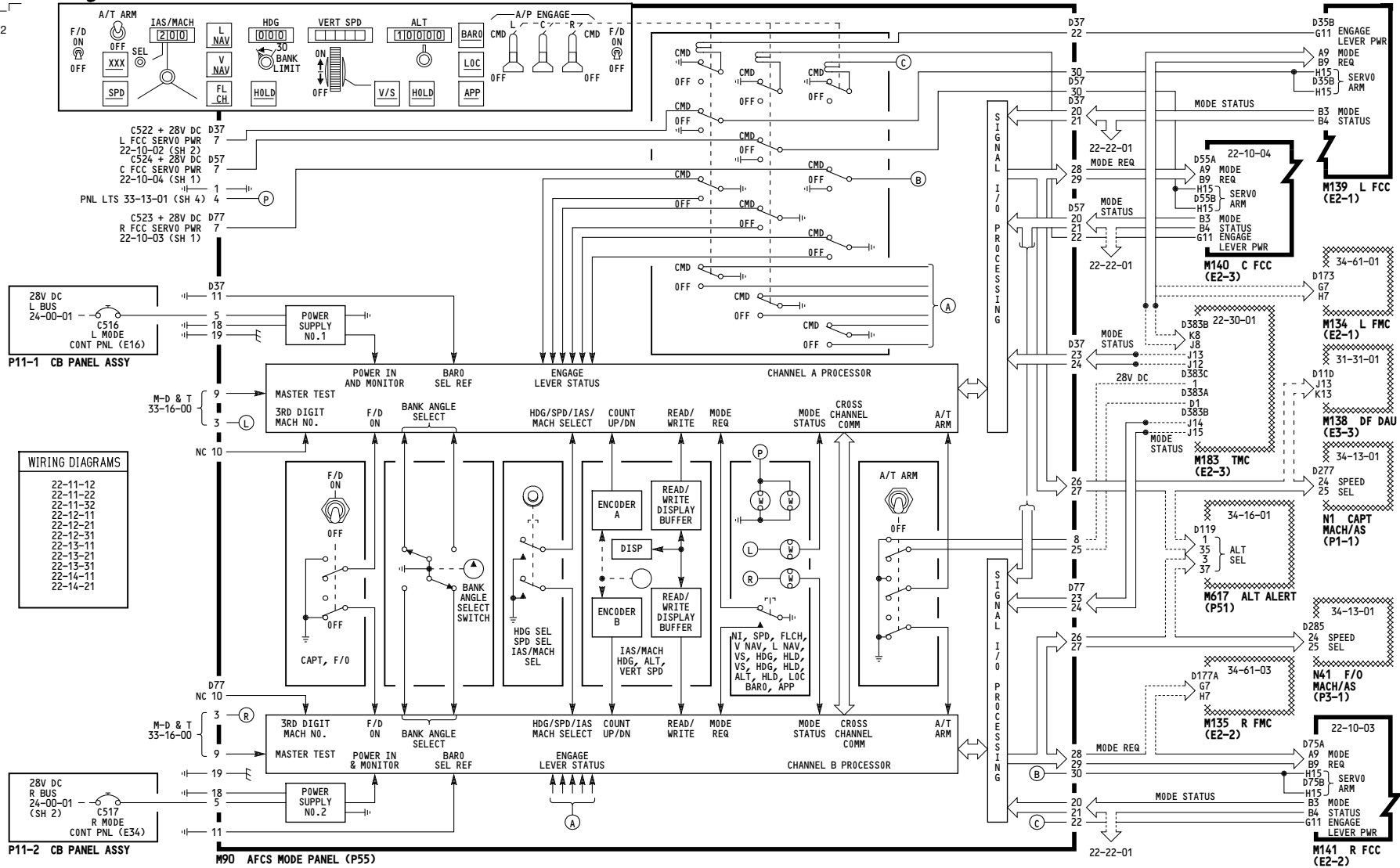
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**AFCS MODE CONTROL PANEL**

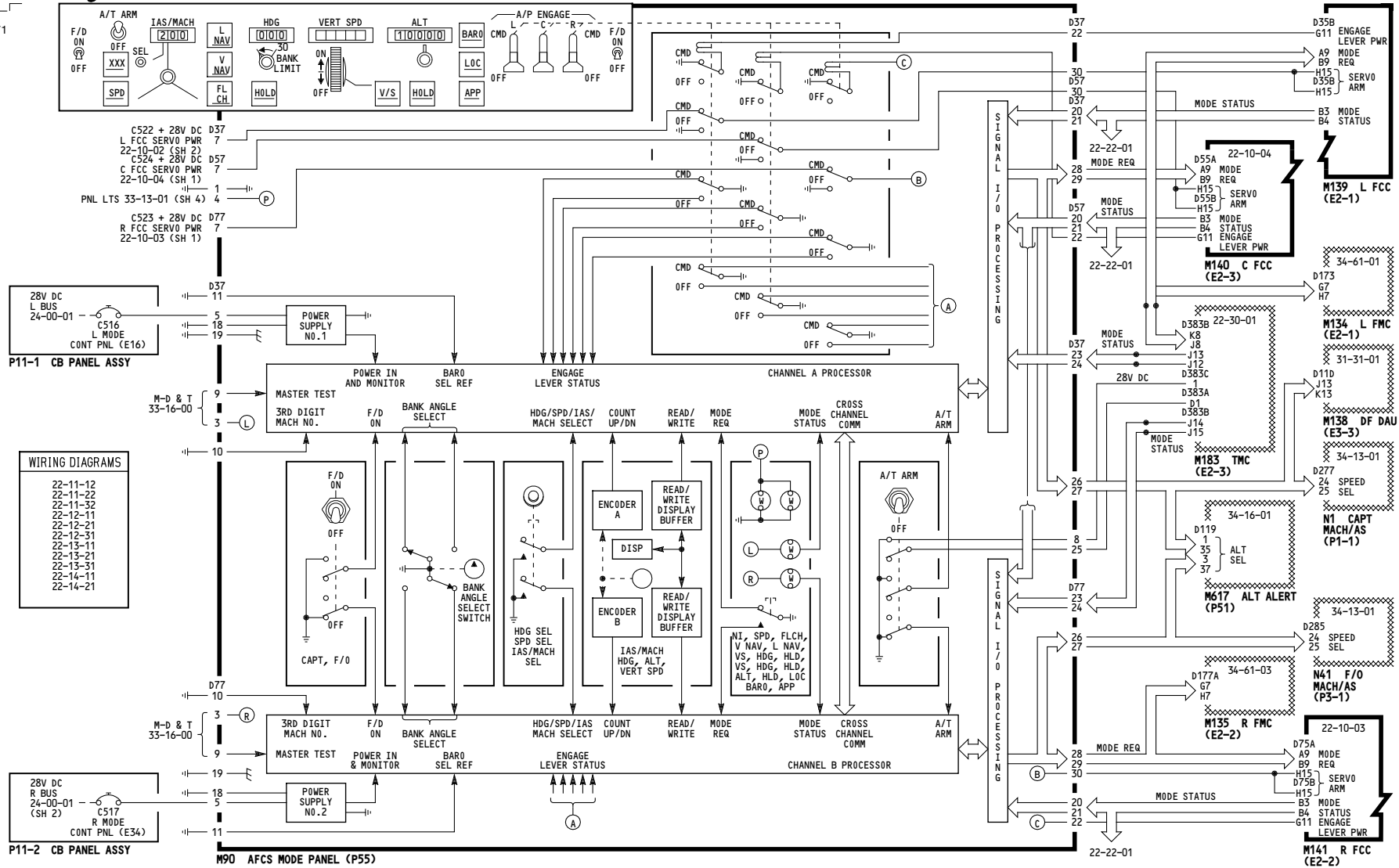
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115	<p><b>AFCS MODE CONTROL PANEL</b></p> <p style="text-align: right;">Incorporates 22-0074 R01</p>	<p><b>22-10-01</b></p> <p>Page 102.1</p> <p>Oct 09/2008</p>
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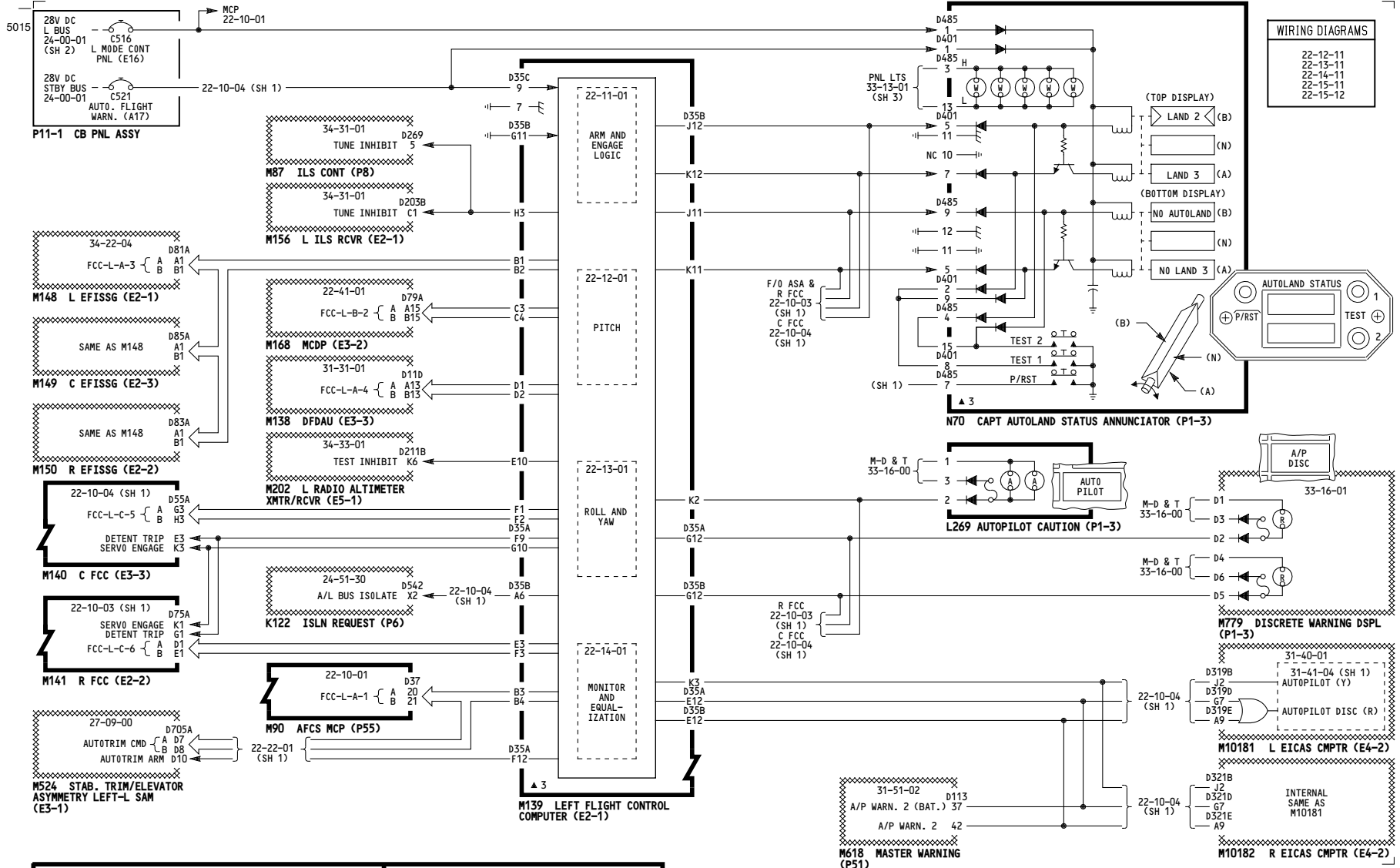
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5019

RCVR	XMTR	PARAMETERS
FCC	MCP	MODE STATUS, REQ MODES, ALT SELECTED HDG SELECTED MACH SELECTED, MCP MAINT DATA AIRSPEED SELECTED, TEST WORD, VERT SPD, CMD, VERT SPD SELECTED
FCC	MCDP	TEST CONTROL (12 WORDS)
FCC	FCC	AIL CMD, ALONG TK HRZ ACCEL, ALT, ALT REF, LATERAL ACCEL, LONGIT ACCEL, NORMAL ACCEL, PITCH RATE, ROLL RATE, YAW RATE, COMPUTED AIRSPEED, CROSS TK HRZ ACCEL, DISCRETE WORD, ELEV CMD, FLAP POS, FLT PATH ACCEL, G/S DEV, GND SPEED, HDG REF, HORIZONTAL STEERING, IMPACT PRESSURE, INDICATED AOA, INERTIAL ALT, INERTIAL VERT SPD, INPUT DISC PCKD WD, LOC DEV, MACH MAG HDG, PITCH ANGLE, RADIO HEIGHT ROLL ANGLE, RUDDER CMD, SEL RUNWAY HDG, STAB POS, TEST WORD, TRUE TRACK ANGLE, MAG TRACK ANGLE, TRUE AIRSPEED, TRUE HDG, VERT STEERING RATE, VERT ACCEL, VERT STEERING
FCC	IRU	ALONG TK HRZ ACCEL, LATERAL ACCEL, LONGIT ACCEL, NORMAL ACCEL, PITCH RATE, ROLL RATE, YAW RATE, CROSS TK HRZ ACCEL, FLT PATH ACCEL, GND SPEED, INERTIAL ALT, INERTIAL VERT SPD, IRS DISCRETES, MAG HDG, PITCH ANGLE, PITCH ATT RATE, ROLL ANGLE, TRUE TRACK ANGLE, MAG TRACK ANGLE, TRUE HDG, VERT ACCEL
FCC	ILS	G/S DEV, ILS FREQ, LOC DEV, SEL RUNWAY HDG
FCC	RA	RADIO HEIGHT
FCC	FMC	FMC DISCRETES, HORIZONTAL STEERING, SELECTED AIRSPEED, SELECTED ALT, SELECTED MACH, VERT STEERING RATE, VERT STEERING
FCC	ADC	ALT, ALT RATE, COMPUTED AIRSPEED, IMPACT PRESSURE, INDICATED AOA, MACH, MAX OPRTG SCHEDULE, TRUE AIRSPEED

RCVR	XMTR	PARAMETERS
MCP	FCC	MODE STATUS, COMPUTED AIRSPEED, ELEV SPD CMD, FLAP POS, FMC AIRSPEED REF MACH, SEL RUNWAY HDG, SPD BRK HDL POS, STAB POS, TEST WORD, VERT SPD
MCP	TMC	MODE STATUS, VERT SPEED CMD
MCDP	FCC	FAULT DATA, GND TEST DATA, INTERFACE FAULT DATA, TEST WORD
SAM	FCC	MODE STATUS
EFISSG	FCC	MODE STATUS, FLT DIR PITCH, FLT DIR ROLL, HDG SELECTED, RUNWAY DIST TO GO
DFDAU	FCC	MODE STATUS
TMC	MCP	MODE STATUS, REQ MODES, ALT SELECTED, ELEV SPD CMD, MACH SELECTED, SPD BRK HDL POS, AIRSPEED SELECTED, STAB POS
FMC	MCP	MODE STATUS, REQ MODES, ALT SELECTED, FLAP POS, HDG SELECTED, MACH SELECTED, AIRSPEED SELECTED, VERT SPD SELECTED
ALT ALERT	MCP	MODE STATUS, ALT SELECTED
M/ASI	MCP	AIRSPEED SELECTED
DFDAU	MCP	ALT SELECTED, HDG SELECTED, MACH SELECTED, AIRSPEED SELECTED, VERT SPD SELECTED

TABLE 1 FCC PROGRAM PINS

PROGRAM AS CONNECTED	OPTION PIN	GND PIN	L (X = GND, D)	C	R	PROGRAM AS CONNECTED	OPTION PIN	GND PIN	L (X = GND, D)	C	R		
CUSTOMER OPTION	1	BA12	BB15	X	X	X	AIRPLANE CONFIG	1	AA12	AA11	X	X	X
	2	BB12	BD15	X	X	X		2	AB12	AB11			
	3	BC12	BE5					3	AC12	AC11			
	4	BA13	BA14					4	BA11	BG8			
	5	BB13	BB14					5	BB11	BH8			
A/P MODE ENGAGE DOUBLE PUSH WARN RESET FULL TIME "NO LAND" ANN METHOD 2 MULTI-CHAN ENGA	BA3	BE4	X	X	X	INTERLOCK CODE	1	BC11	BJ8				
	BH13	BJ14					2	BF11	BK9				
	BK13	BK14	X	X	X		3	BD12	BD14				
	BG13	BH14					4	BF12	BK7				
	BC8	BE8					5	BH12	BJ15				
ASA OPTION LAT CMD ENGA CWS INHIBIT FULL TIME F/D F/D AUTO ON F/D ON ROLLOUT SPARE 5 SPARE 6	BC10	BC14				CHANNEL IDENTITY PARITY (ODD)	1	AA13	AA14	X	X		
	BJ2	BJ4	X	X	X		2	AB13	AB14	X	X	X	
	BD3	BK4											
	BA4	AD4	X	X	X								
	BD4	BH4											
SPARE 5 SPARE 6	BG1	AG2				SPARES (NO PARITY)	7	BG2	AG4				
	BH1	AH2					10	BD7	BG4				
							13	BG10	AG8				

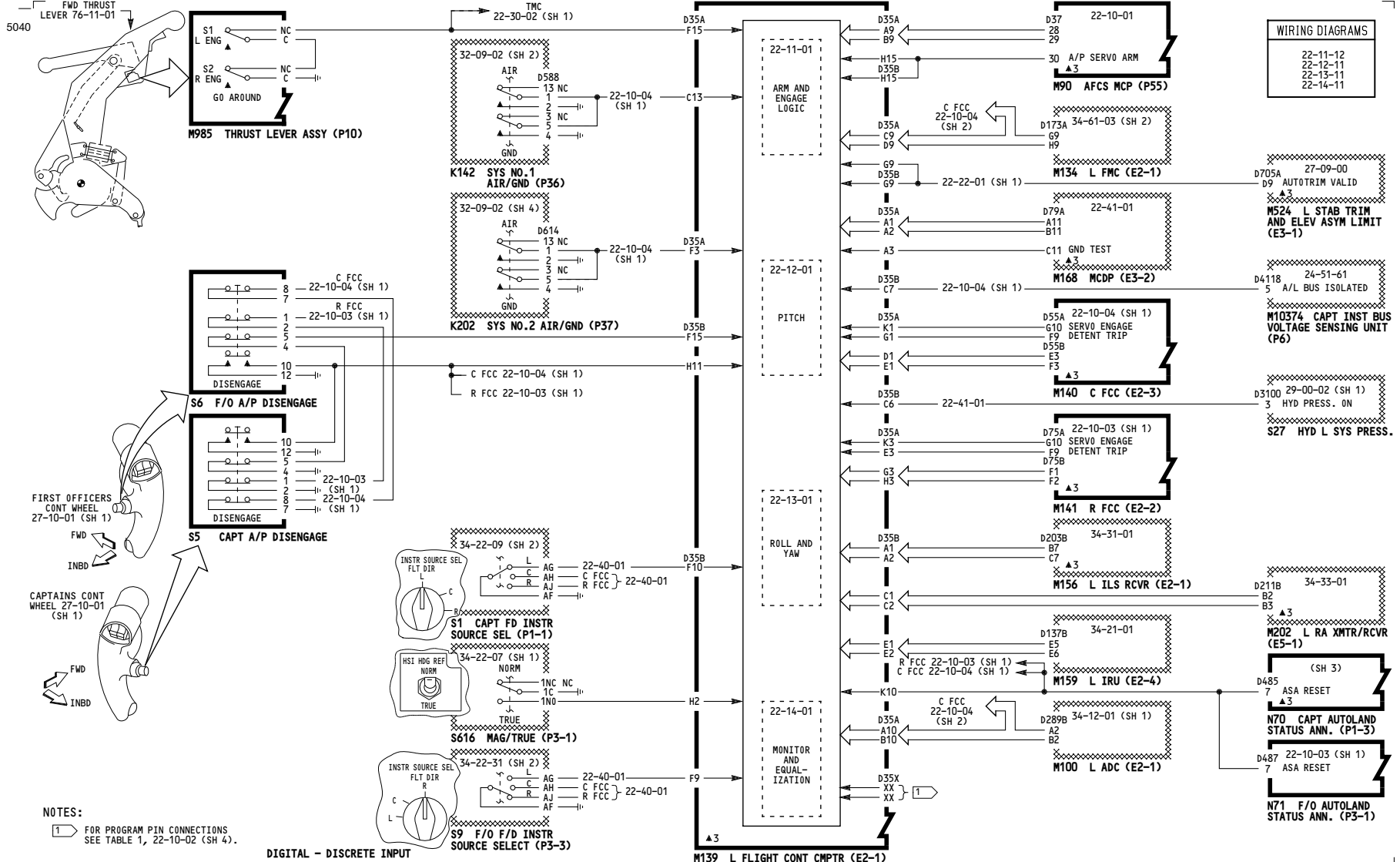
001-009

## FCC INTERFACE - LEFT

D280N032S

22-10-02

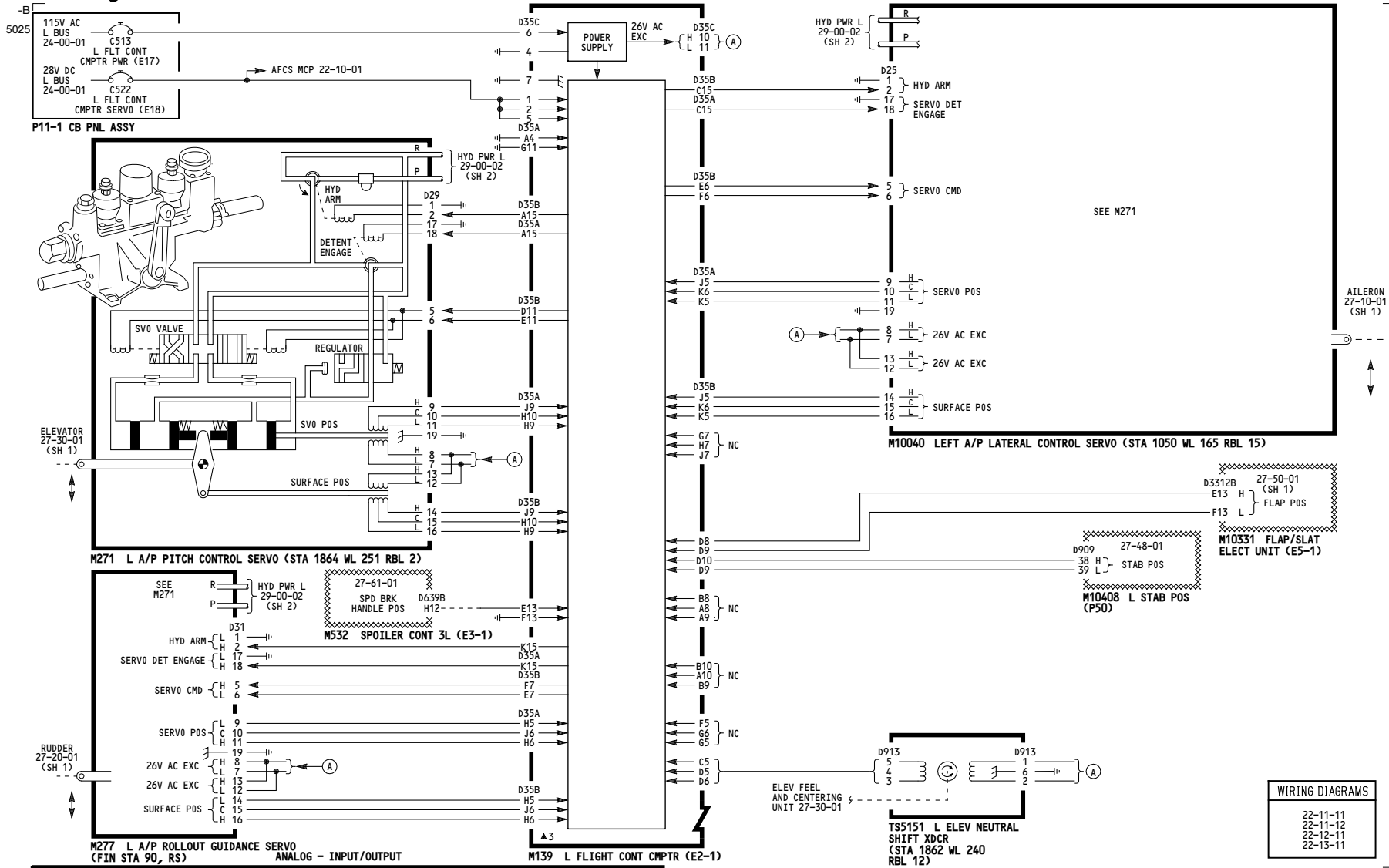
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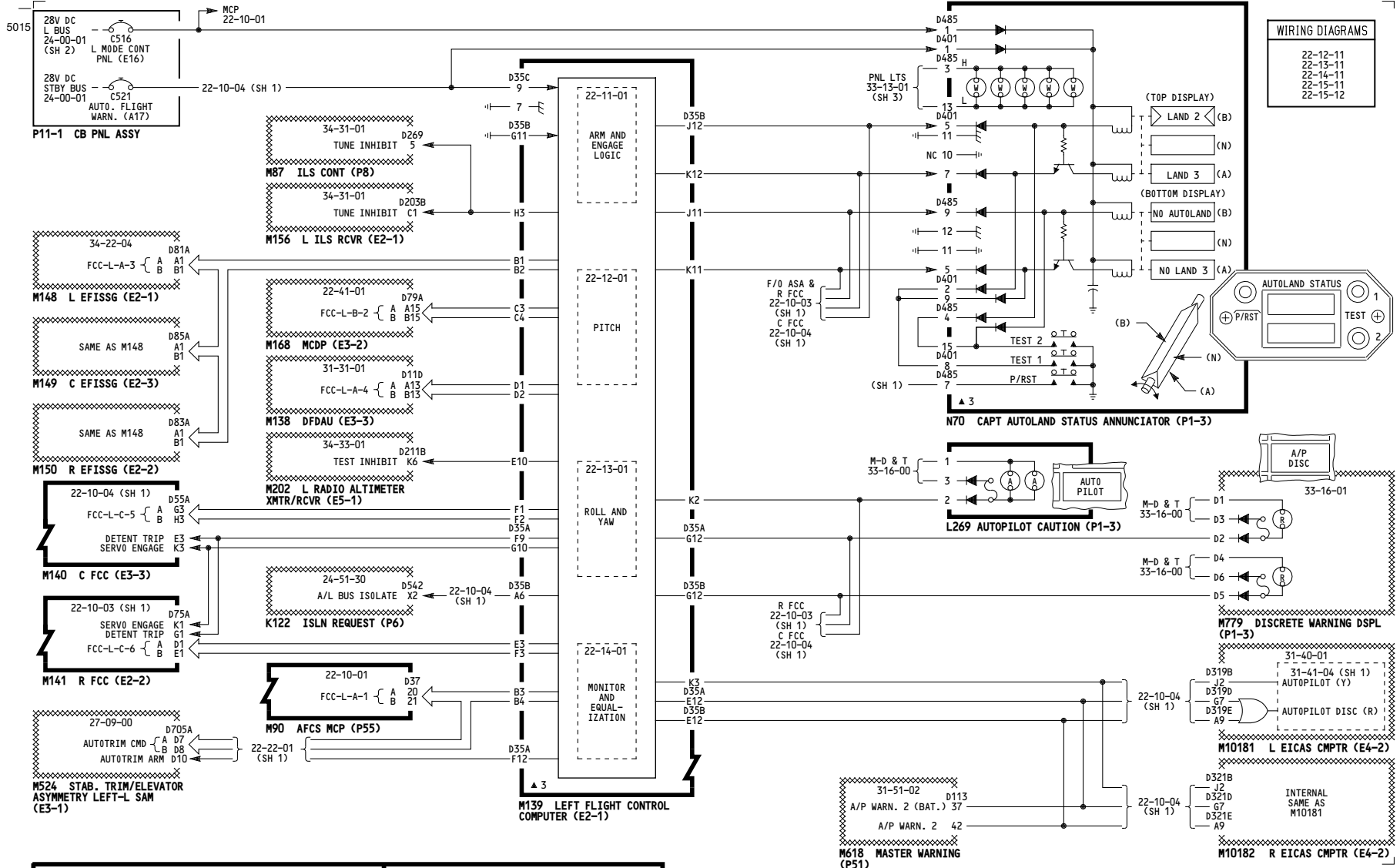
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**FCC INTERFACE - LEFT**

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**FCC INTERFACE - LEFT**

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RCVR	XMTR	PARAMETERS
FCC	MCP	MODE STATUS, REQ MODES, ALT SELECTED HDG SELECTED MACH SELECTED, MCP MAINT DATA AIRSPEED SELECTED, TEST WORD, VERT SPD, CMD, VERT SPD SELECTED
FCC	MCDP	TEST CONTROL (12 WORDS)
FCC	FCC	AIL CMD, ALONG TK HRZ ACCEL, ALT, ALT REF, LATERAL ACCEL, LONGIT ACCEL, NORMAL ACCEL, PITCH RATE, ROLL RATE, YAW RATE, COMPUTED AIRSPEED, CROSS TK HRZ ACCEL, DISCRETE WORD, ELEV CMD, FLAP POS, FLT PATH ACCEL, G/S DEV, GND SPEED, HDG REF, HORIZONTAL STEERING, IMPACT PRESSURE, INDICATED AOA, INERTIAL ALT, INERTIAL VERT SPD, INPUT DISC PCKD WD, LOC DEV, MACH MAG HDG, PITCH ANGLE, RADIO HEIGHT ROLL ANGLE, RUDDER CMD, SEL RUNWAY HDG, STAB POS, TEST WORD, TRUE TRACK ANGLE, MAG TRACK ANGLE, TRUE AIRSPEED, TRUE HDG, VERT STEERING RATE, VERT ACCEL, VERT STEERING
FCC	IRU	ALONG TK HRZ ACCEL, LATERAL ACCEL, LONGIT ACCEL, NORMAL ACCEL, PITCH RATE, ROLL RATE, YAW RATE, CROSS TK HRZ ACCEL, FLT PATH ACCEL, GND SPEED, INERTIAL ALT, INERTIAL VERT SPD, IRS DISCRETES, MAG HDG, PITCH ANGLE, PITCH ATT RATE, ROLL ANGLE, TRUE TRACK ANGLE, MAG TRACK ANGLE, TRUE HDG, VERT ACCEL
FCC	ILS	G/S DEV, ILS FREQ, LOC DEV, SEL RUNWAY HDG
FCC	RA	RADIO HEIGHT
FCC	FMC	FMC DISCRETES, HORIZONTAL STEERING, SELECTED AIRSPEED, SELECTED ALT, SELECTED MACH, VERT STEERING RATE, VERT STEERING
FCC	ADC	ALT, ALT RATE, COMPUTED AIRSPEED, IMPACT PRESSURE, INDICATED AOA, MACH, MAX OPRGT SCHEDULE, TRUE AIRSPEED

RCVR	XMTR	PARAMETERS
MCP	FCC	MODE STATUS, COMPUTED AIRSPEED, ELEV SPD CMD, FLAP POS, FMC AIRSPEED REF MACH, SEL RUNWAY HDG, SPD BRK HDL POS, STAB POS, TEST WORD, VERT SPD
MCP	TMC	MODE STATUS, VERT SPEED CMD
MCDP	FCC	FAULT DATA, GND TEST DATA, INTERFACE FAULT DATA, TEST WORD
SAM	FCC	MODE STATUS
EFISSG	FCC	MODE STATUS, FLT DIR PITCH, FLT DIR ROLL, HDG SELECTED, RUNWAY DIST TO GO
DFDAU	FCC	MODE STATUS
TMC	MCP	MODE STATUS, REQ MODES, ALT SELECTED, ELEV SPD CMD, MACH SELECTED, SPD BRK HDL POS, AIRSPEED SELECTED, STAB POS
FMC	MCP	MODE STATUS, REQ MODES, ALT SELECTED, FLAP POS, HDG SELECTED, MACH SELECTED, AIRSPEED SELECTED, VERT SPD SELECTED
ALT ALERT	MCP	MODE STATUS, ALT SELECTED
M/ASI	MCP	AIRSPEED SELECTED
DFDAU	MCP	ALT SELECTED, HDG SELECTED, MACH SELECTED, AIRSPEED SELECTED, VERT SPD SELECTED

TABLE 1 FCC PROGRAM PINS

PROGRAM AS CONNECTED	OPTION PIN	GND PIN	L (X = GND, D)	C	R	PROGRAM AS CONNECTED	OPTION PIN	GND PIN	L (X = GND, D)	C	R		
CUSTOMER OPTION	1	BA12	BB15	X	X	X	AIRPLANE CONFIG	1	AA12	AA11	X	X	X
	2	BB12	BD15	X	X	X		2	AB12	AB11			
	3	BC12	BE5					3	AC12	AC11			
	4	BA13	BA14					4	BA11	BG8			
	5	BB13	BB14					5	BB11	BH8			
A/P MODE ENGAGE DOUBLE PUSH WARN RESET FULL TIME "NO LAND" ANN METHOD 2 MULTI-CHAN ENGA	BA3	BE4		X	X	X	INTERLOCK CODE	1	BC11	BJ8			
	BH13	BJ14		X	X	X		2	BF11	BK9	X	X	X
	BK13	BK14		X	X	X		3	BD12	BD14			
	BG13	BH14						4	BF12	BK7			
	BC8	BE8						5	BH12	BJ15			
ASA OPTION LAT CMD ENGA CWS INHIBIT FULL TIME F/D F/D AUTO ON F/D ON ROLLOUT SPARE 5 SPARE 6	BC10	BC14					CHANNEL IDENTITY PARITY (ODD)	1	AA13	AA14	X	X	X
	BJ2	BJ4		X	X	X		2	AB13	AB14		X	X
	BD3	BK4		X	X	X			BC13	BF4			
	BA4	AD4						7	AG2	AG4			
	BD4	BH4							10	BD7	BG4		
BG1	AG2					13	BG10	BG6					
BH1	AH2							AG8					

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FCC INTERFACE - LEFT

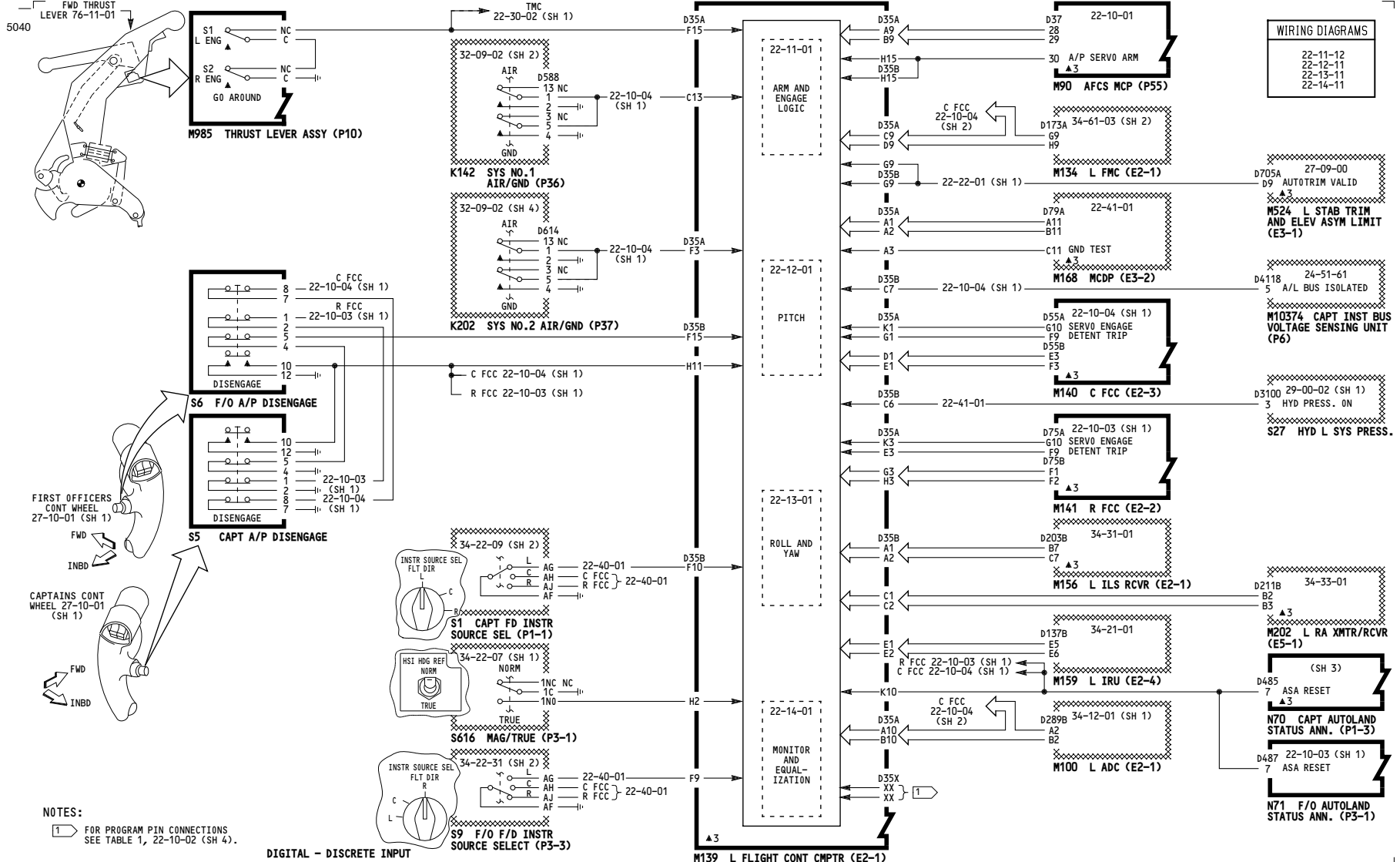
Incorporates  
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- D705A 27-09-00
- D9 AUTOTRIM VALID
- M524 L STAB TRIM AND ELEV ASYM LIMIT (E3-1)

- D4118 24-51-61
- 5 A/L BUS ISOLATED
- M10374 CAPT INST BUS VOLTAGE SENSING UNIT (P6)

- D3100 29-00-02 (SH 1)
- 3 HYD PRESS. ON
- S27 HYD L SYS PRESS.

- D211B 34-33-01
- B2 B3
- M202 L RA XMTR/RCVR (E5-1)

- D485 7 ASA RESET
- M70 CAPT AUTOLAND STATUS ANN. (P1-3)
- D487 22-10-03 (SH 1)
- 7 ASA RESET
- M71 F/O AUTOLAND STATUS ANN. (P3-1)

**NOTES:**  
 1 FOR PROGRAM PIN CONNECTIONS SEE TABLE 1, 22-10-02 (SH 4).

DIGITAL - DISCRETE INPUT

010-099	<b>FCC INTERFACE - LEFT</b>
D280N032S	

**22-10-02**







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RCVR	XMTR	PARAMETERS
FCC	MCP	MODE STATUS, REQ MODES, ALT SELECTED HDG SELECTED MACH SELECTED, MCP MAINT DATA AIRSPEED SELECTED, TEST WORD, VERT SPD, CMD, VERT SPD SELECTED
FCC	MCDP	TEST CONTROL (12 WORDS)
FCC	FCC	AIL CMD, ALONG TK HRZ ACCEL, ALT, ALT REF, LATERAL ACCEL, LONGIT ACCEL, NORMAL ACCEL, PITCH RATE, ROLL RATE, YAW RATE, COMPUTED AIRSPEED, CROSS TK HRZ ACCEL, DISCRETE WORD, ELEV CMD, FLAP POS, FLT PATH ACCEL, G/S DEV, GND SPEED, HDG REF, HORIZONTAL STEERING, IMPACT PRESSURE, INDICATED AOA, INERTIAL ALT, INERTIAL VERT SPD, INPUT DISC PCKD WD, LOC DEV, MACH MAG HDG, PITCH ANGLE, RADIO HEIGHT ROLL ANGLE, RUDDER CMD, SEL RUNWAY HDG, STAB POS, TEST WORD, TRUE TRACK ANGLE, MAG TRACK ANGLE, TRUE AIRSPEED, TRUE HDG, VERT STEERING RATE, VERT ACCEL, VERT STEERING
FCC	IRU	ALONG TK HRZ ACCEL, LATERAL ACCEL, LONGIT ACCEL, NORMAL ACCEL, PITCH RATE, ROLL RATE, YAW RATE, CROSS TK HRZ ACCEL, FLT PATH ACCEL, GND SPEED, INERTIAL ALT, INERTIAL VERT SPD, IRS DISCRETES, MAG HDG, PITCH ANGLE, PITCH ATT RATE, ROLL ANGLE, TRUE TRACK ANGLE, MAG TRACK ANGLE, TRUE HDG, VERT ACCEL
FCC	ILS	G/S DEV, ILS FREQ, LOC DEV, SEL RUNWAY HDG
FCC	RA	RADIO HEIGHT
FCC	FMC	FMC DISCRETES, HORIZONTAL STEERING, SELECTED AIRSPEED, SELECTED ALT, SELECTED MACH, VERT STEERING RATE, VERT STEERING
FCC	ADC	ALT, ALT RATE, COMPUTED AIRSPEED, IMPACT PRESSURE, INDICATED AOA, MACH, MAX OPRG SCHEDULE, TRUE AIRSPEED

RCVR	XMTR	PARAMETERS
MCP	FCC	MODE STATUS, COMPUTED AIRSPEED, ELEV SPD CMD, FLAP POS, FMC AIRSPEED REF MACH, SEL RUNWAY HDG, SPD BRK HDL POS, STAB POS, TEST WORD, VERT SPD
MCP	TMC	MODE STATUS, VERT SPEED CMD
MCDP	FCC	FAULT DATA, GND TEST DATA, INTERFACE FAULT DATA, TEST WORD
SAM	FCC	MODE STATUS
EFISSG	FCC	MODE STATUS, FLT DIR PITCH, FLT DIR ROLL, HDG SELECTED, RUNWAY DIST TO GO
DFDAU	FCC	MODE STATUS
TMC	MCP	MODE STATUS, REQ MODES, ALT SELECTED, ELEV SPD CMD, MACH SELECTED, SPD BRK HDL POS, AIRSPEED SELECTED, STAB POS
FMC	MCP	MODE STATUS, REQ MODES, ALT SELECTED, FLAP POS, HDG SELECTED, MACH SELECTED, AIRSPEED SELECTED, VERT SPD SELECTED
ALT ALERT	MCP	MODE STATUS, ALT SELECTED
M/ASI	MCP	AIRSPEED SELECTED
DFDAU	MCP	ALT SELECTED, HDG SELECTED, MACH SELECTED, AIRSPEED SELECTED, VERT SPD SELECTED

TABLE 1 FCC PROGRAM PINS (757-200)

PROGRAM AS CONNECTED	OPTION PIN	GND PIN	L (X = GNDD)	C	R	PROGRAM AS CONNECTED	OPTION PIN	GND PIN	L (X = GNDD)	C	R	
CUSTOMER OPTION	1	BA12	BB15	X	X	AIRPLANE CONFIG	1	AA12	AA11	X	X	
	2	BB12	BD15	X	X		2	AB12	AB11			
	3	BC12	BE5				3	AC12	AC11			
	4	BA13	BA14				4	BA11	BG8			
	5	BB13	BB14				5	BB11	BH8			
A/P MODE ENGAGE DOUBLE PUSH WARN RESET FULL TIME NO LAND ANN METHOD 2 MULTI-CHAN ENGA	BA3	BE4	X	X	X	INTERLOCK CODE	1	BC11	BJ8			
	BH13	BJ14					2	BF11	BK9			
	BK13	BK14	X	X	X		3	BD12	BD15			
	BG13	BH14					4	BF12	BK7			
	BC8	BE8					5	BH12	BJ15			
ASA OPTION LAT CMD ENGA CWS INHIBIT FULL TIME F/D F/D AUTO ON F/D ON ROLLOUT SPARE 5 SPARE 6	BC10	BC14				CHANNEL IDENTITY PARITY (ODD)	1	AA13	AA14	X	X	
	BJ2	BJ4	X	X	X		2	AB13	AB14	X	X	
	BD3	BK4	X	X	X			BC13	BF4	X	X	
	BA4	AD4	X	X	X		SPARES (NO PARITY)	7	BG2	AG4		
	BD4	BH4						10	BD7	BG4		
BG1	AG2				13	BG10		AG8				

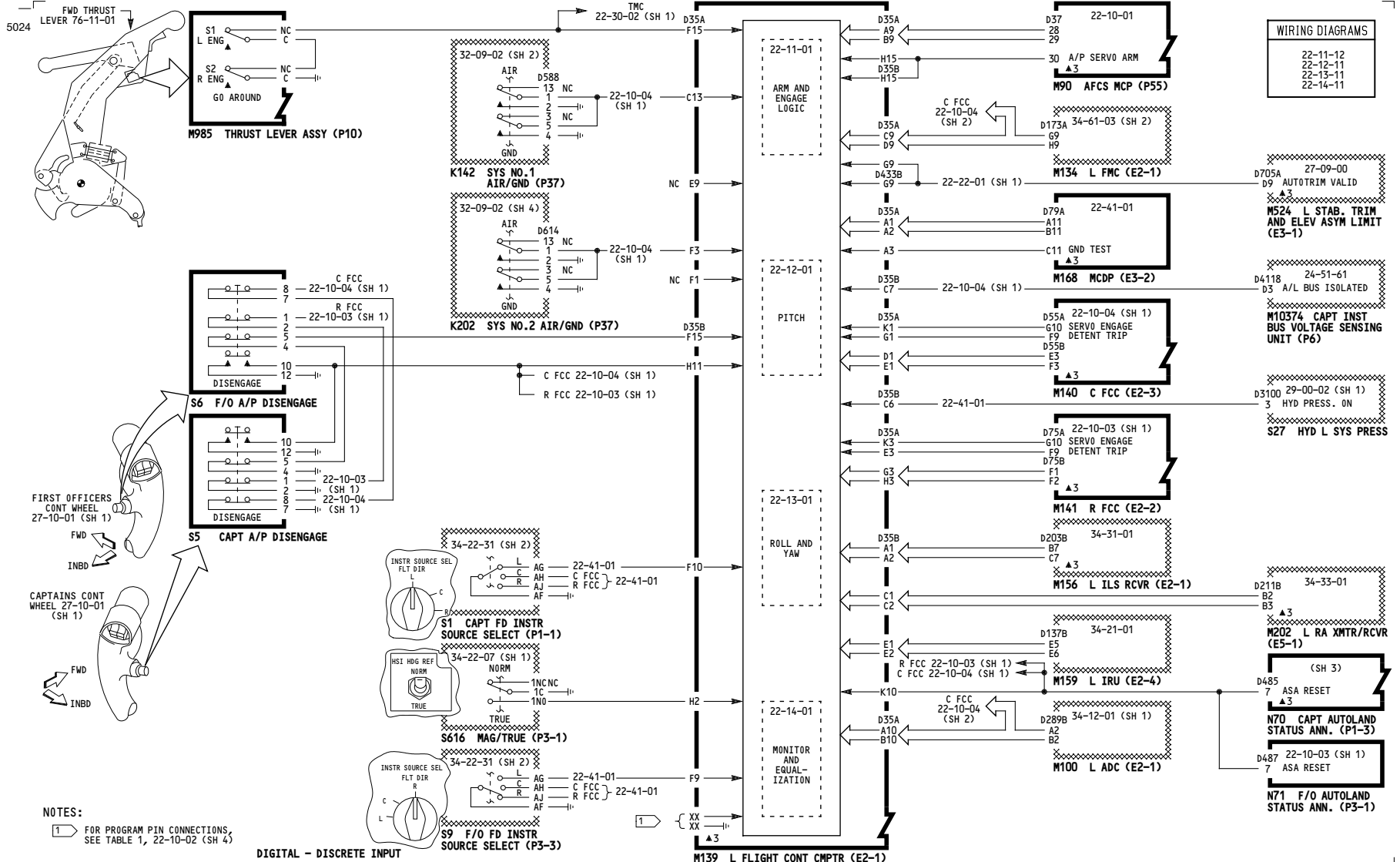
010-099

## FCC INTERFACE - LEFT

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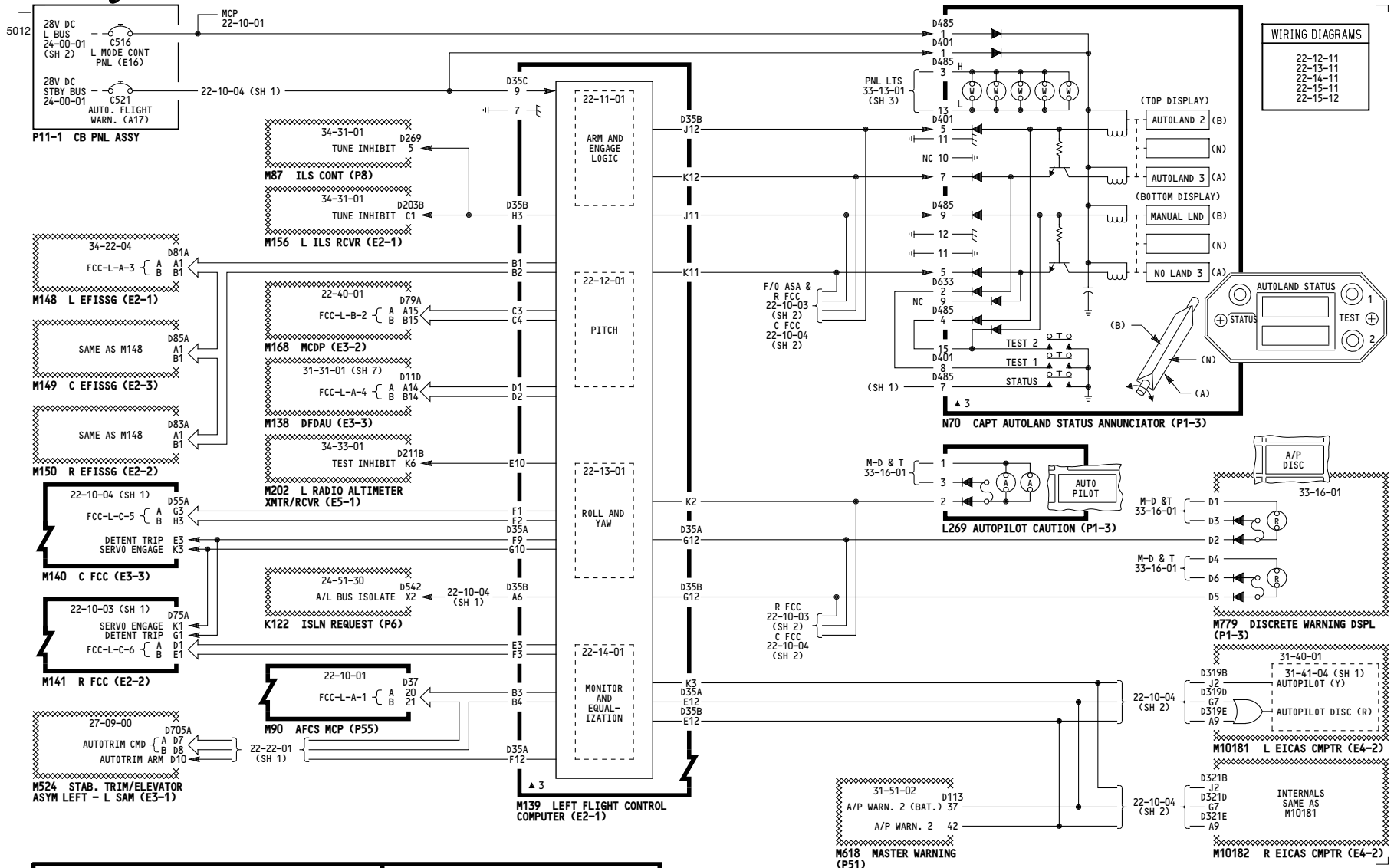
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**FCC INTERFACE - LEFT**

D280N032S

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# 757-200 SYSTEM SCHEMATIC MANUAL

5023

RCVR	XMTR	PARAMETERS
FCC	MCP	MODE STATUS, REQ MODES, ALT SELECTED HDG SELECTED MACH SELECTED, MCP MAINT DATA AIRSPEED SELECTED, TEST WORD, VERT SPD, CMD, VERT SPD SELECTED
FCC	MCDP	TEST CONTROL (12 WORDS)
FCC	FCC	AIL CMD, ALONG TK HRZ ACCEL, ALT, ALT REF, LATERAL ACCEL, LONGIT ACCEL, NORMAL ACCEL, PITCH RATE, ROLL RATE, YAW RATE, COMPUTED AIRSPEED, CROSS TK HRZ ACCEL, DISCRETE WORD, ELEV CMD, FLAP POS, FLT PATH ACCEL, G/S DEV, GND SPEED, HDG REF, HORIZONTAL STEERING, IMPACT PRESSURE, INDICATED AOA, INERTIAL ALT, INERTIAL VERT SPD, INPUT DISC PCKD WD, LOC DEV, MACH MAG HDG, PITCH ANGLE, RADIO HEIGHT ROLL ANGLE, RUDDER CMD, SEL RUNWAY HDG, STAB POS, TEST WORD, TRUE TRACK ANGLE, MAG TRACK ANGLE, TRUE AIRSPEED, TRUE HDG, VERT STEERING RATE, VERT ACCEL, VERT STEERING
FCC	IRU	ALONG TK HRZ ACCEL, LATERAL ACCEL, LONGIT ACCEL, NORMAL ACCEL, PITCH RATE, ROLL RATE, YAW RATE, CROSS TK HRZ ACCEL, FLT PATH ACCEL, GND SPEED, INERTIAL ALT, INERTIAL VERT SPD, IRS DISCRETES, MAG HDG, PITCH ANGLE, PITCH ATT RATE, ROLL ANGLE, TRUE TRACK ANGLE, MAG TRACK ANGLE, TRUE HDG, VERT ACCEL
FCC	ILS	G/S DEV, ILS FREQ, LOC DEV, SEL RUNWAY HDG
FCC	RA	RADIO HEIGHT
FCC	FMC	FMC DISCRETES, HORIZONTAL STEERING, SELECTED AIRSPEED, SELECTED ALT, SELECTED MACH, VERT STEERING RATE, VERT STEERING
FCC	ADC	ALT, ALT RATE, COMPUTED AIRSPEED, IMPACT PRESSURE, INDICATED AOA, MACH, MAX OPRGT SCHEDULE, TRUE AIRSPEED

RCVR	XMTR	PARAMETERS
MCP	FCC	MODE STATUS, COMPUTED AIRSPEED, ELEV SPD CMD, FLAP POS, FMC AIRSPEED REF MACH, SEL RUNWAY HDG, SPD BRK HDL POS, STAB POS, TEST WORD, VERT SPD
MCP	TMC	MODE STATUS, VERT SPEED CMD
MCDP	FCC	FAULT DATA, GND TEST DATA, INTERFACE FAULT DATA, TEST WORD
SAM	FCC	MODE STATUS
EFISSG	FCC	MODE STATUS, FLT DIR PITCH, FLT DIR ROLL, HDG SELECTED, RUNWAY DIST TO GO
DFDAU	FCC	MODE STATUS
TMC	MCP	MODE STATUS, REQ MODES, ALT SELECTED, ELEV SPD CMD, MACH SELECTED, SPD BRK HDL POS, AIRSPEED SELECTED, STAB POS
FMC	MCP	MODE STATUS, REQ MODES, ALT SELECTED, FLAP POS, HDG SELECTED, MACH SELECTED, AIRSPEED SELECTED, VERT SPD SELECTED
ALT ALERT	MCP	MODE STATUS, ALT SELECTED
M/ASI	MCP	AIRSPEED SELECTED
DFDAU	MCP	ALT SELECTED, HDG SELECTED, MACH SELECTED, AIRSPEED SELECTED, VERT SPD SELECTED

TABLE 1 FCC PROGRAM PINS (757-200)

PROGRAM AS CONNECTED	OPTION PIN	GND PIN	L (X = GNDD)	C	R	PROGRAM AS CONNECTED	OPTION PIN	GND PIN	L (X = GNDD)	C	R	
CUSTOMER OPTION	1	BA12	BB15	X	X	AIRPLANE CONFIG	1	AA12	AA11	X	X	
	2	BB12	BD15	X	X		2	AB12	AB11			
	3	BC12	BE5				3	AC12	AC11			
	4	BA13	BA14				4	BA11	BG8			
	5	BB13	BB14				5	BB11	BH8			
A/P MODE ENGAGE DOUBLE PUSH WARN RESET FULL TIME NO LAND ANN METHOD 2 MULTI-CHAN ENGA	BA3	BE4	X	X	X	INTERLOCK CODE	1	BC11	BJ8			
	BH13	BJ14					2	BF11	BK9			
	BK13	BK14					3	BD12	BD15			
	BG13	BH14	X	X	X		4	BF12	BK7			
	BC8	BE8	X	X	X		5	BH12	BJ15			
ASA OPTION LAT CMD ENGA CWS INHIBIT FULL TIME F/D F/D AUTO ON F/D ON ROLLOUT SPARE 5 SPARE 6	BC10	BC14	X	X	X	CHANNEL IDENTITY PARITY (ODD)	1	AA13	AA14	X	X	
	BD3	BK4	X	X	X		2	AB13	AB14	X	X	
	BA4	AD4				SPARES (NO PARITY)	7	BG2	AG4			
	BD4	BH4					10	BD7	BG4			
	BG1	AG2					13	BG10	AG8			

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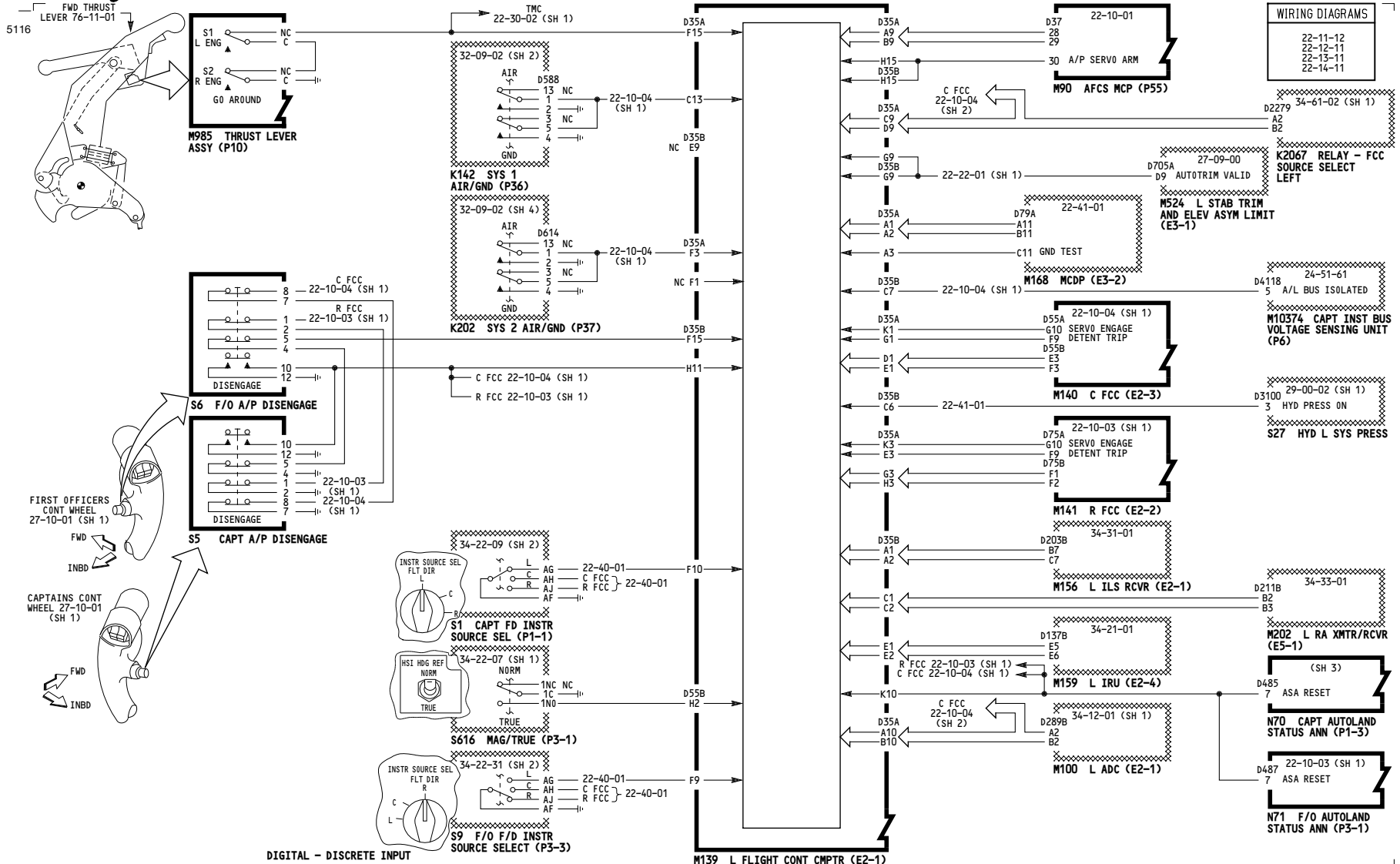
## FCC INTERFACE - LEFT

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**DIGITAL - DISCRETE INPUT**  
**FCC INTERFACE - LEFT**

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34-0414

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RCVR	XMTR	PARAMETERS
FCC	MCP	MODE STATUS, REQ MODES, ALT SELECTED HDG SELECTED MACH SELECTED, MCP MAINT DATA AIRSPEED SELECTED, TEST WORD, VERT SPD, CMD, VERT SPD SELECTED
FCC	MCDP	TEST CONTROL (12 WORDS)
FCC	FCC	AIL CMD, ALONG TK HRZ ACCEL, ALT, ALT REF, LATERAL ACCEL, LONGIT ACCEL, NORMAL ACCEL, PITCH RATE, ROLL RATE, YAW RATE, COMPUTED AIRSPEED, CROSS TK HRZ ACCEL, DISCRETE WORD, ELEV CMD, FLAP POS, FLT PATH ACCEL, G/S DEV, GND SPEED, HDG REF, HORIZONTAL STEERING, IMPACT PRESSURE, INDICATED AOA, INERTIAL ALT, INERTIAL VERT SPD, INPUT DISC PCKD WD, LOC DEV, MACH MAG HDG, PITCH ANGLE, RADIO HEIGHT ROLL ANGLE, RUDDER CMD, SEL RUNWAY HDG, STAB POS, TEST WORD, TRUE TRACK ANGLE, MAG TRACK ANGLE, TRUE AIRSPEED, TRUE HDG, VERT STEERING RATE, VERT ACCEL, VERT STEERING
FCC	IRU	ALONG TK HRZ ACCEL, LATERAL ACCEL, LONGIT ACCEL, NORMAL ACCEL, PITCH RATE, ROLL RATE, YAW RATE, CROSS TK HRZ ACCEL, FLT PATH ACCEL, GND SPEED, INERTIAL ALT, INERTIAL VERT SPD, IRS DISCRETES, MAG HDG, PITCH ANGLE, PITCH ATT RATE, ROLL ANGLE, TRUE TRACK ANGLE, MAG TRACK ANGLE, TRUE HDG, VERT ACCEL
FCC	ILS	G/S DEV, ILS FREQ, LOC DEV, SEL RUNWAY HDG
FCC	RA	RADIO HEIGHT
FCC	FMC	FMC DISCRETES, HORIZONTAL STEERING, SELECTED AIRSPEED, SELECTED ALT, SELECTED MACH, VERT STEERING RATE, VERT STEERING
FCC	ADC	ALT, ALT RATE, COMPUTED AIRSPEED, IMPACT PRESSURE, INDICATED AOA, MACH, MAX OPRGT SCHEDULE, TRUE AIRSPEED

RCVR	XMTR	PARAMETERS
MCP	FCC	MODE STATUS, COMPUTED AIRSPEED, ELEV SPD CMD, FLAP POS, FMC AIRSPEED REF MACH, SEL RUNWAY HDG, SPD BRK HDL POS, STAB POS, TEST WORD, VERT SPD
MCP	TMC	MODE STATUS, VERT SPEED CMD
MCDP	FCC	FAULT DATA, GND TEST DATA, INTERFACE FAULT DATA, TEST WORD
SAM	FCC	MODE STATUS
EFISSG	FCC	MODE STATUS, FLT DIR PITCH, FLT DIR ROLL, HDG SELECTED, RUNWAY DIST TO GO
DFDAU	FCC	MODE STATUS
TMC	MCP	MODE STATUS, REQ MODES, ALT SELECTED, ELEV SPD CMD, MACH SELECTED, SPD BRK HDL POS, AIRSPEED SELECTED, STAB POS
FMC	MCP	MODE STATUS, REQ MODES, ALT SELECTED, FLAP POS, HDG SELECTED, MACH SELECTED, AIRSPEED SELECTED, VERT SPD SELECTED
ALT ALERT	MCP	MODE STATUS, ALT SELECTED
M/ASI	MCP	AIRSPEED SELECTED
DFDAU	MCP	ALT SELECTED, HDG SELECTED, MACH SELECTED, AIRSPEED SELECTED, VERT SPD SELECTED

TABLE 1 FCC PROGRAM PINS (757-200)

PROGRAM AS CONNECTED	OPTION PIN	GND PIN	L (X = GNDD)	C	R	PROGRAM AS CONNECTED	OPTION PIN	GND PIN	L (X = GNDD)	C	R	
CUSTOMER OPTION	1	BA12	BB15	X	X	X	AIRPLANE CONFIG	1	AA12	AA11	X	X
	2	BB12	BD15	X	X	X		2	AB12	AB11		
	3	BC12	BE5					3	AC12	AC11		
	4	BA13	BA14					4	BA11	BG8		
	5	BB13	BB14					5	BB11	BH8		
A/P MODE ENGAGE DOUBLE PUSH WARN RESET FULL TIME NO LAND ANN METHOD 2 MULTI-CHAN ENGA	BA3	BE4	X	X	X	INTERLOCK CODE	1	BC11	BJ8	X	X	X
	BH13	BJ14	X	X	X		2	BF11	BK9	X	X	X
	BK13	BK14					3	BD12	BD15			
	BG13	BH14	X	X	X		4	BF12	BK7			
	BC8	BE8	X	X	X		5	BH12	BJ15			
ASA OPTION LAT CMD ENGA CWS INHIBIT FULL TIME F/D F/D AUTO ON F/D ON ROLLOUT SPARE 5 SPARE 6	BC10	BC14				CHANNEL IDENTITY PARITY (ODD)	1	AA13	AA14	X	X	
	BJ2	BJ4					2	AB13	AB14	X	X	X
	BD3	BK4	X	X	X							
	BA4	AD4	X	X	X							
	BD4	BH4										
SPARE 5 SPARE 6	BG1	AG2				SPARES (NO PARITY)	7	BG2	AG4			
	BH1	AH2					10	BD7	BG4			
							13	BG10	AG8			

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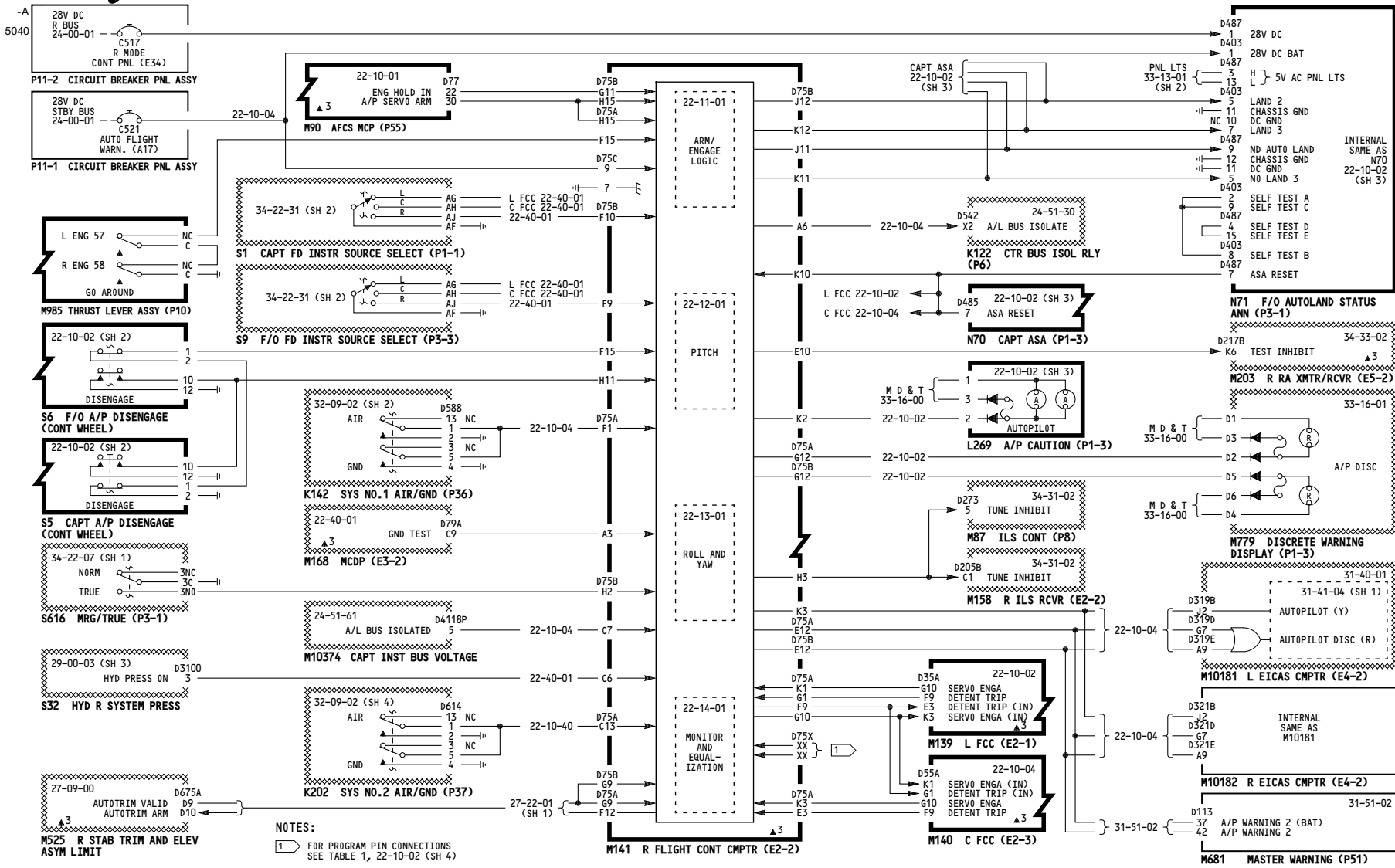
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- ▶ Incorporates
- ▶ 22-0073 R01
- ▶ 22-0074 R01

D280N032S

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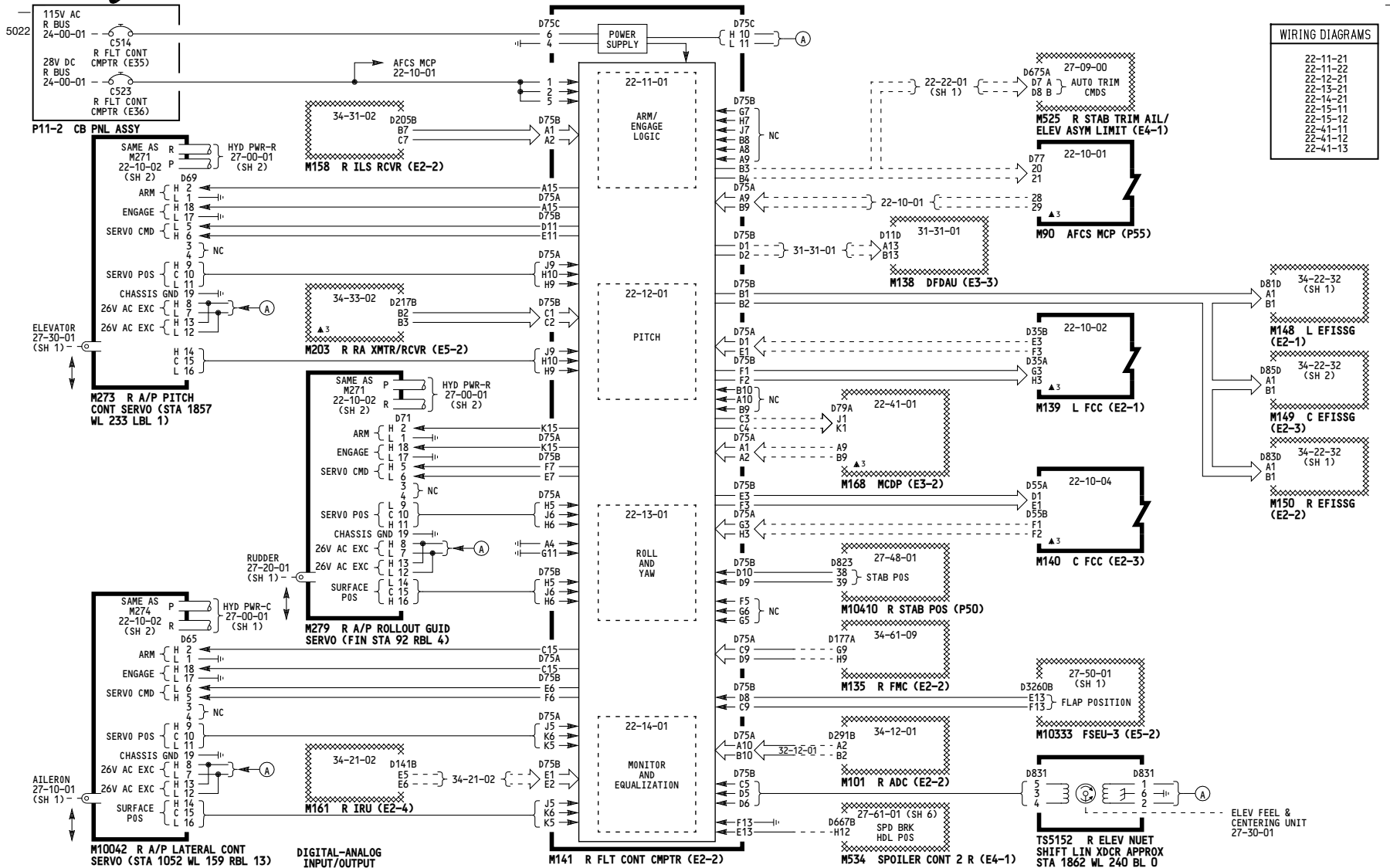


001-099

**FCC INTERFACE - RIGHT**

D280N032S

**22-10-03**

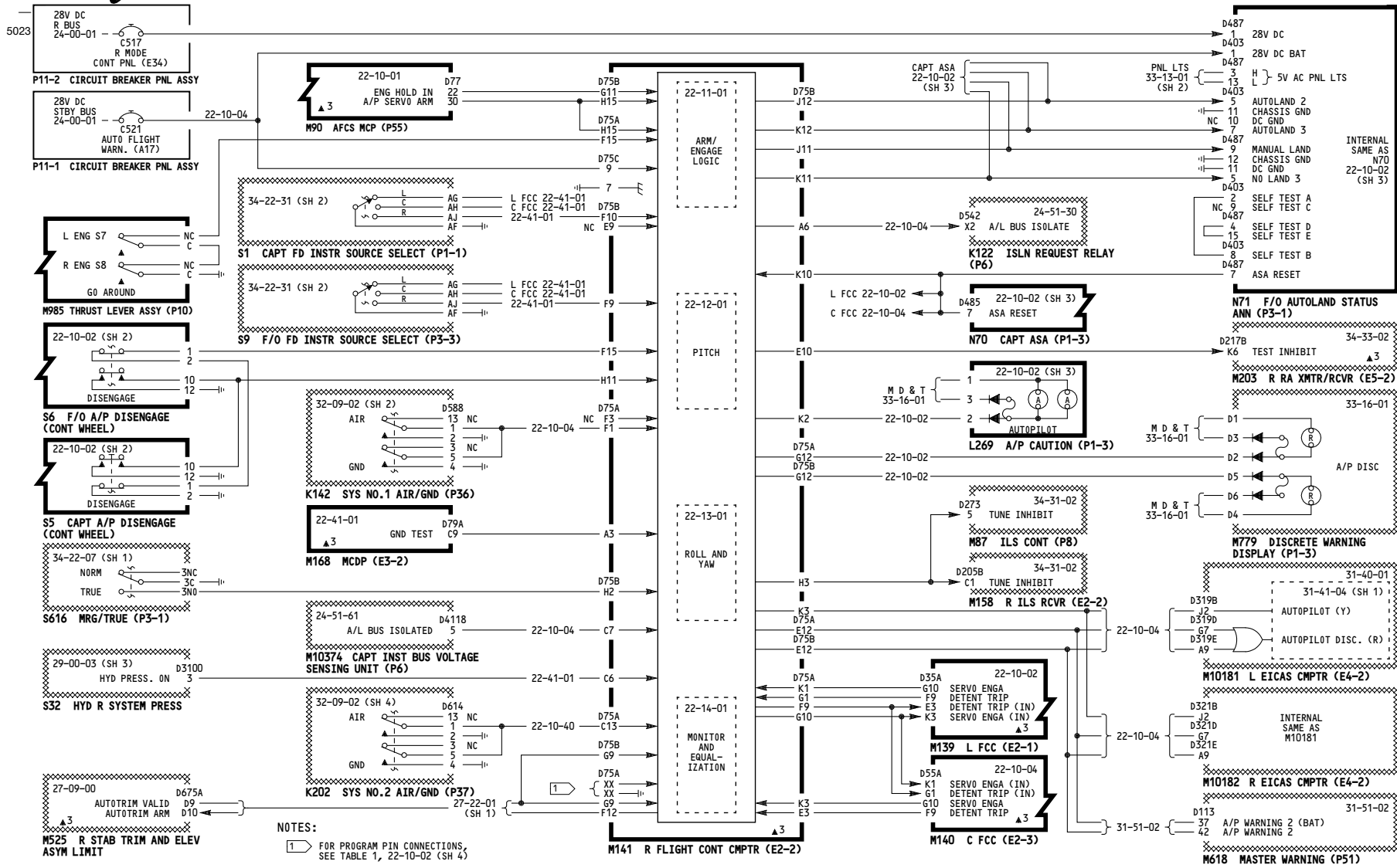


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D280N032S

**22-10-03**

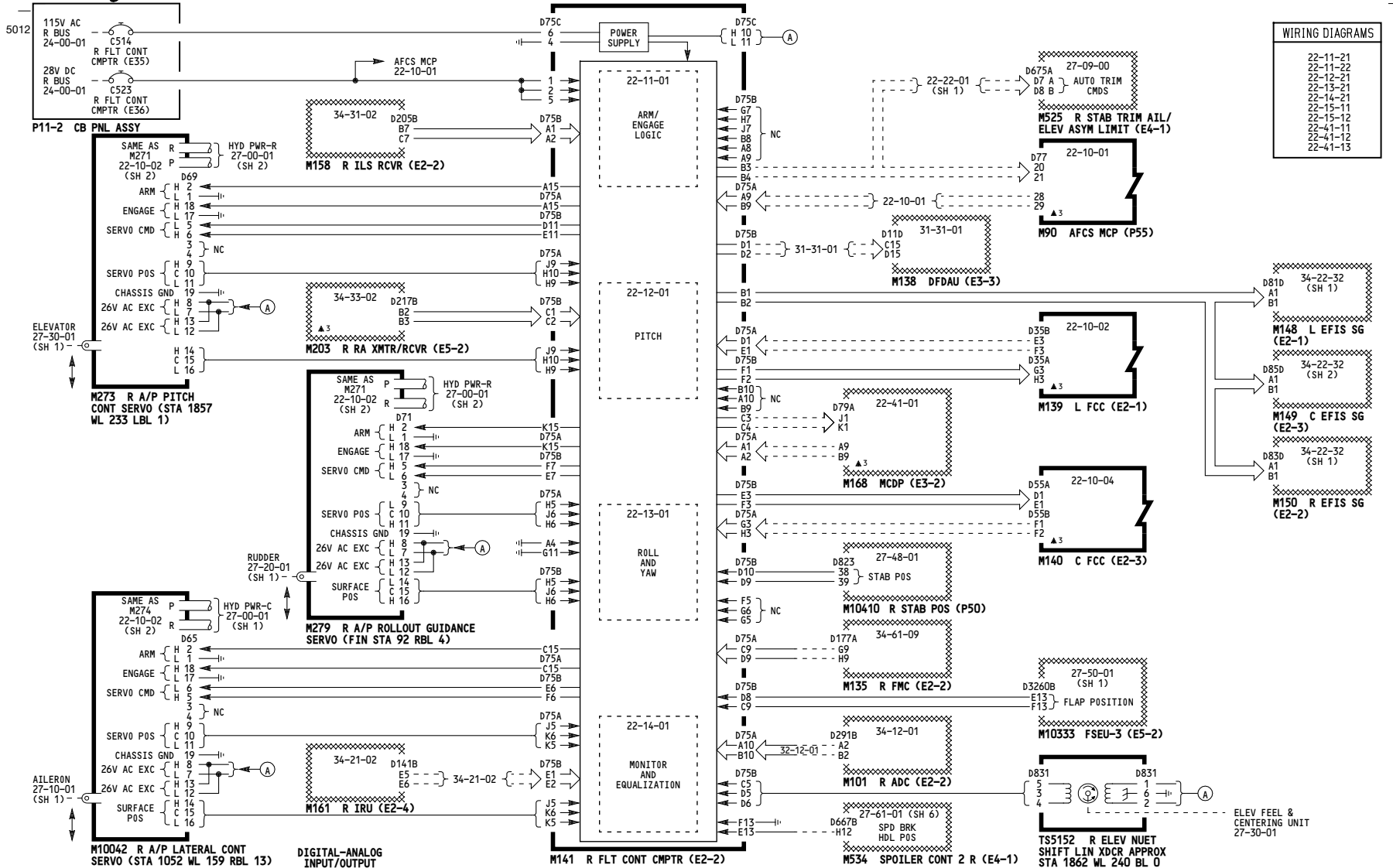


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**FCC INTERFACE - RIGHT**

D280N032S

**22-10-03**



**WIRING DIAGRAMS**

22-11-21
22-11-22
22-12-21
22-13-21
22-14-21
22-15-11
22-15-12
22-41-11
22-41-12
22-41-13

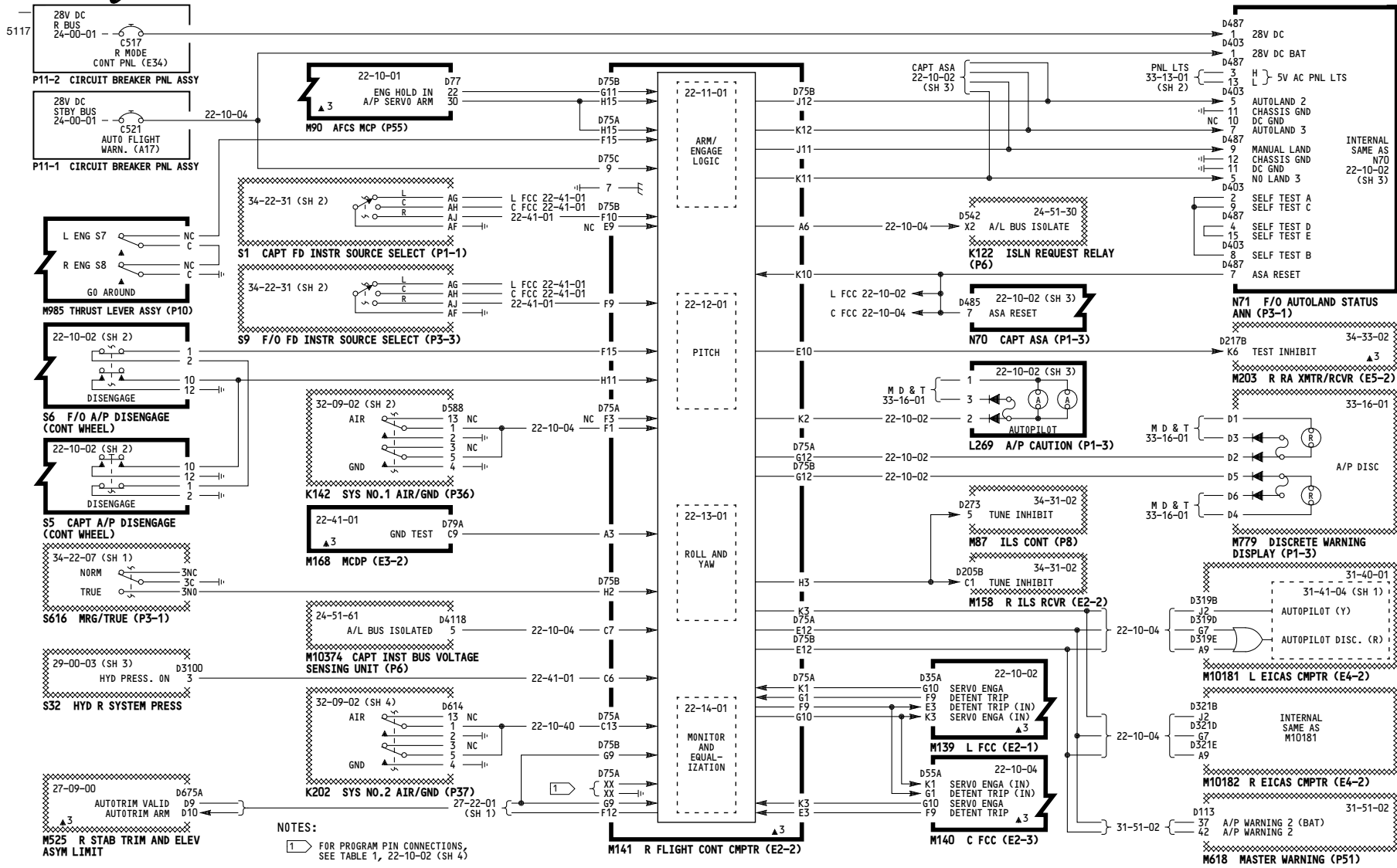
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**FCC INTERFACE - RIGHT**

D280N032S

**22-10-03**





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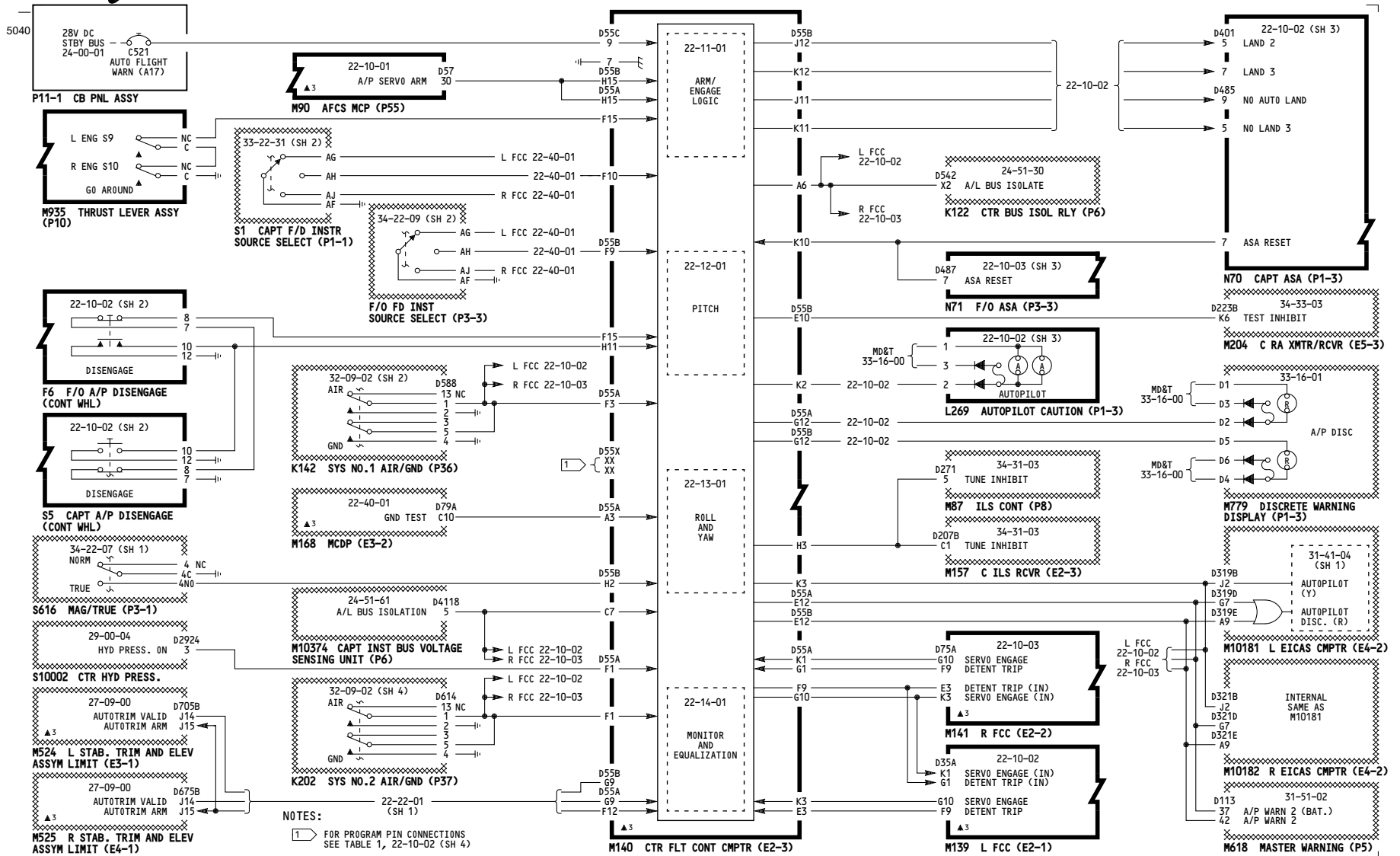
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**D280N032S**

Incorporates 22-0072 R01

**22-10-03**





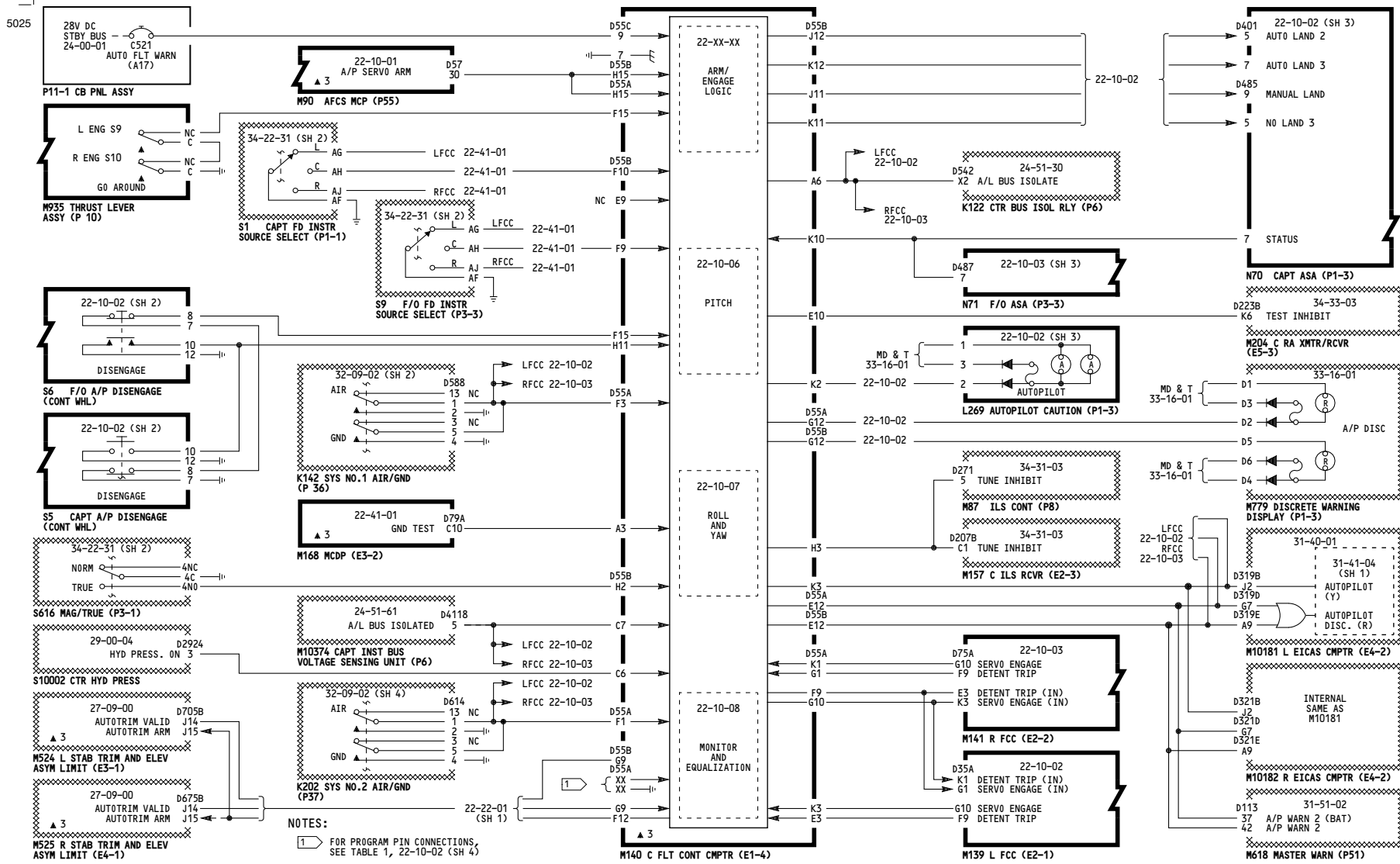
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**FCC INTERFACE - CENTER**

**22-10-04**

D280N032S



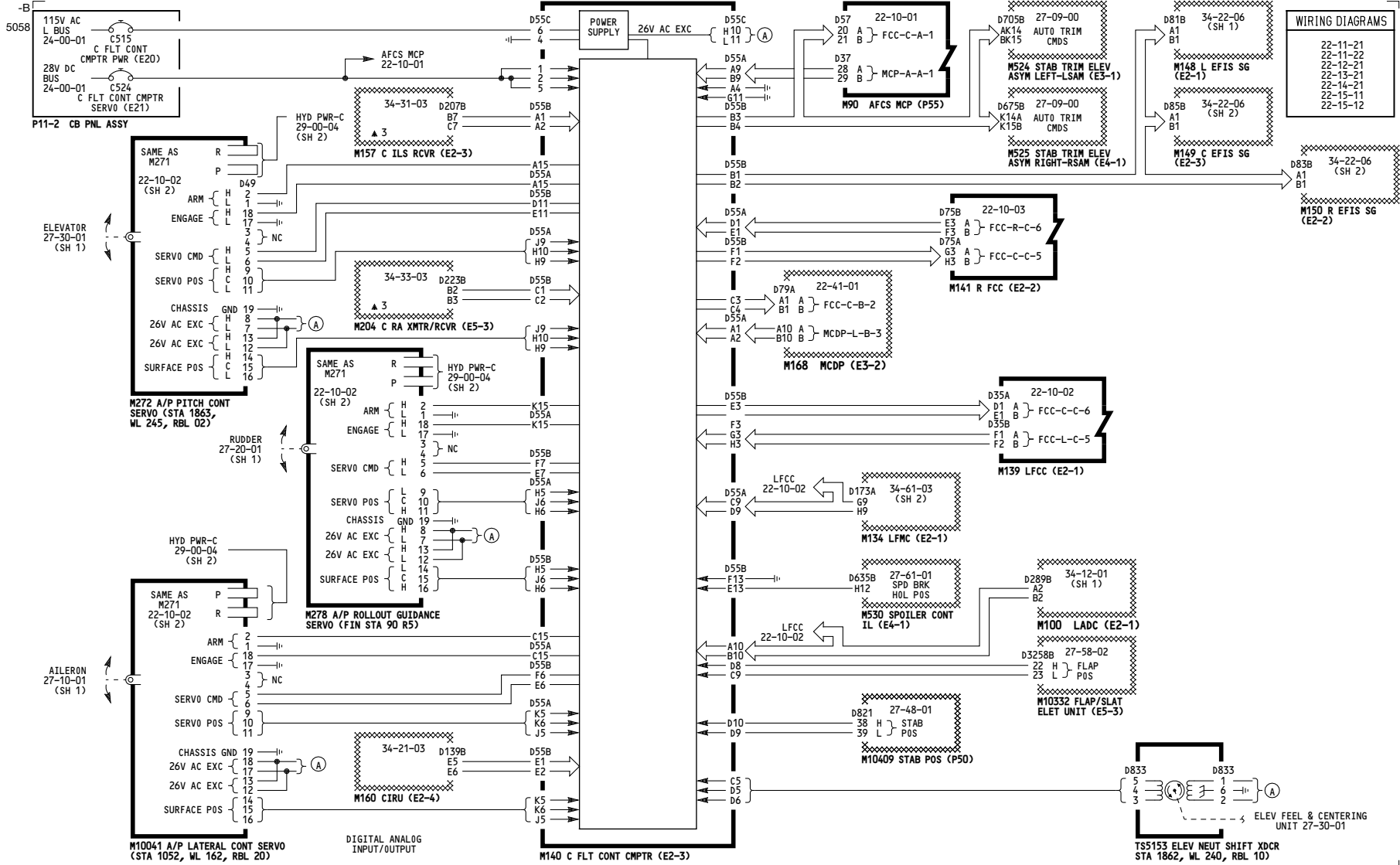


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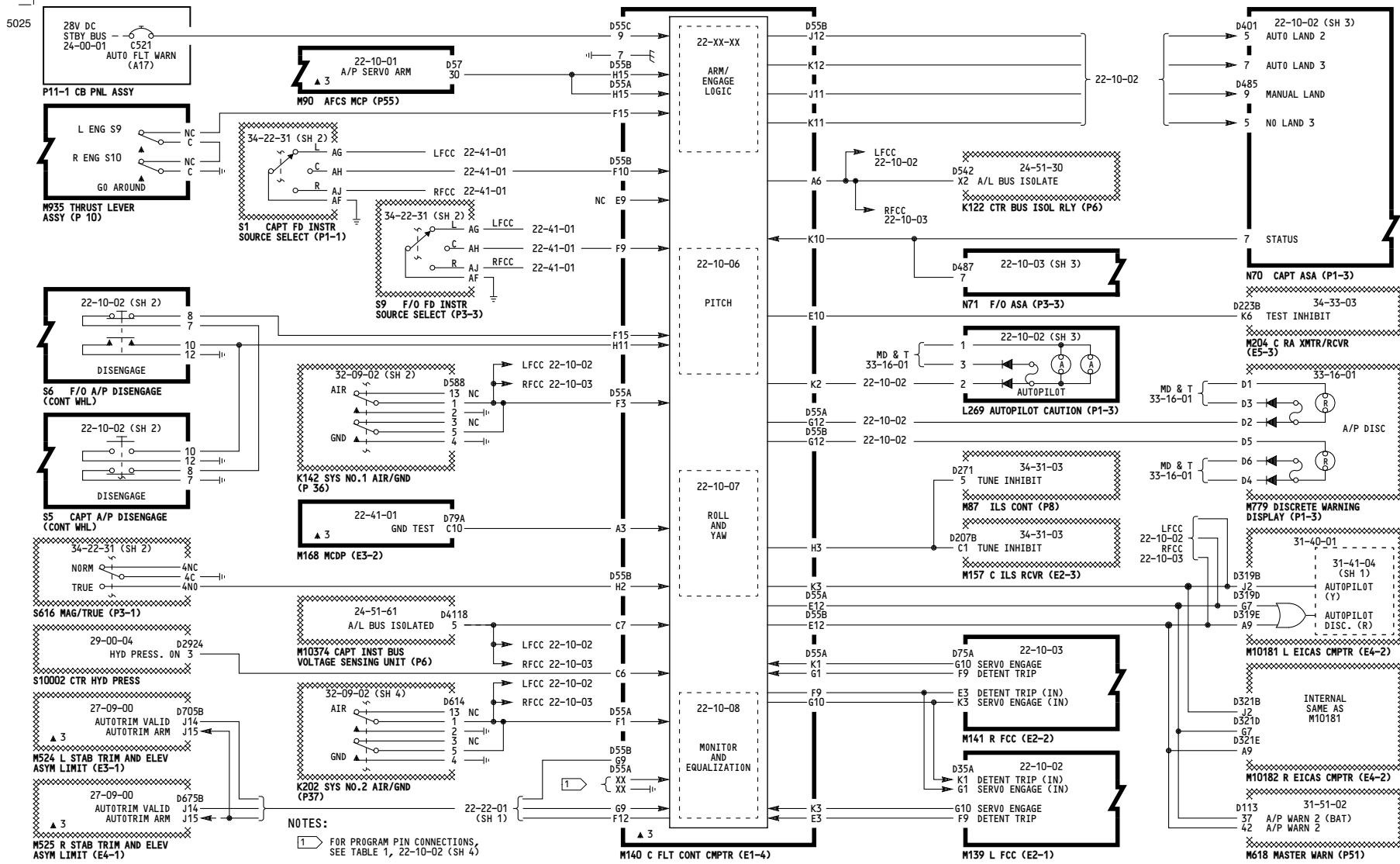
D280N032S

**22-10-04**



115-199	<b>FCC INTERFACE - CENTER</b>
D280N032S	

**22-10-04**



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**FCC INTERFACE - CENTER**

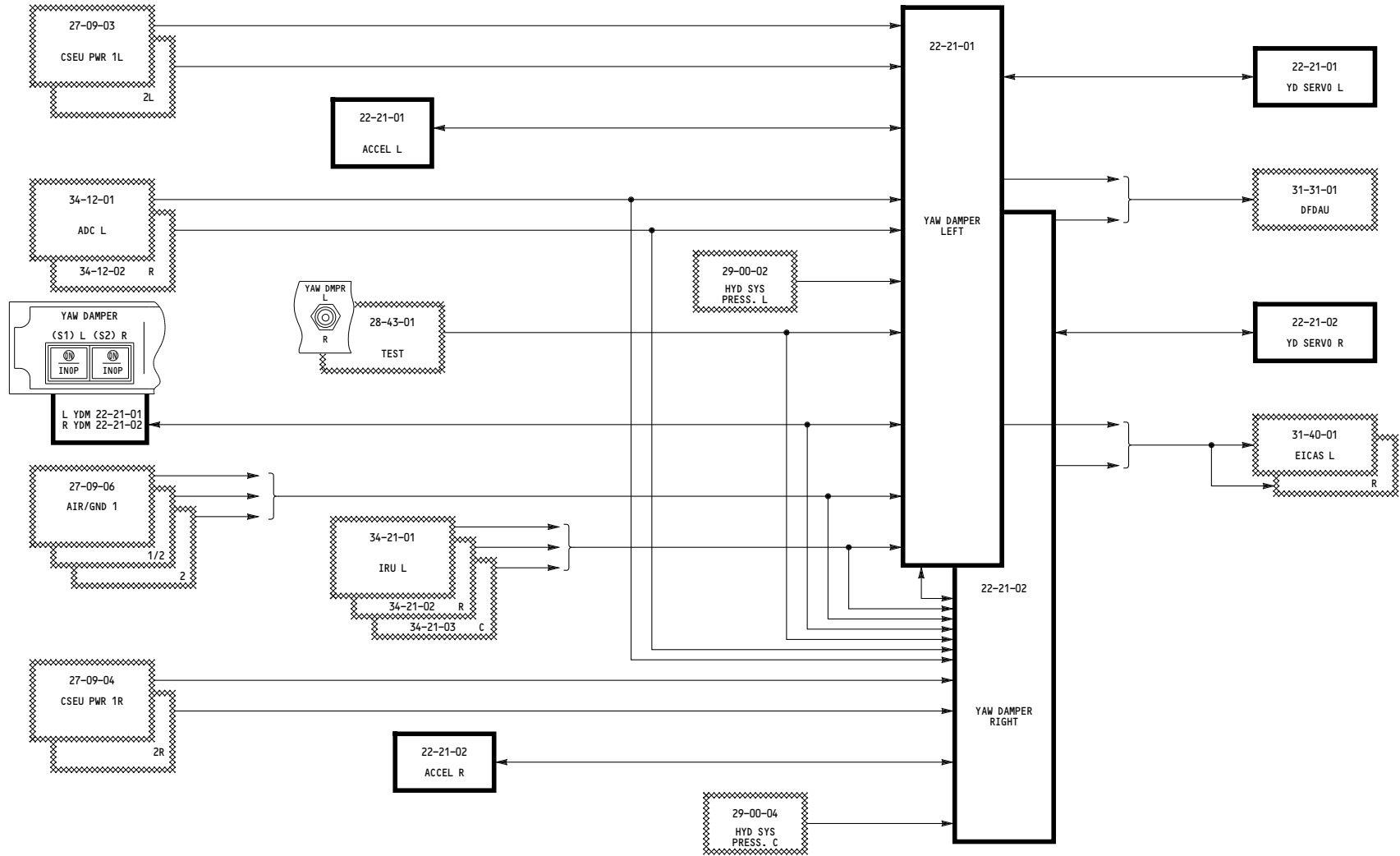
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**22-10-04**





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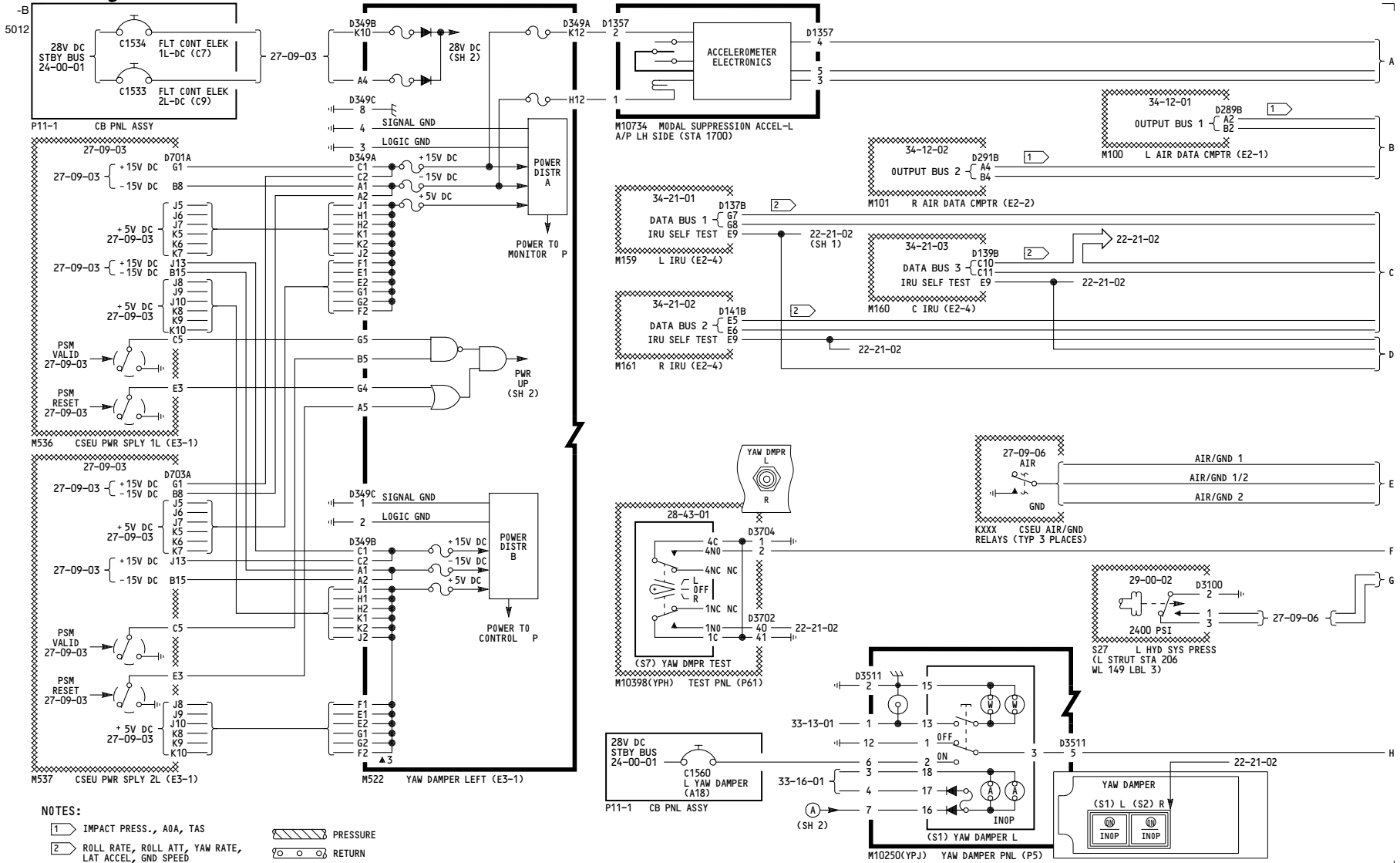
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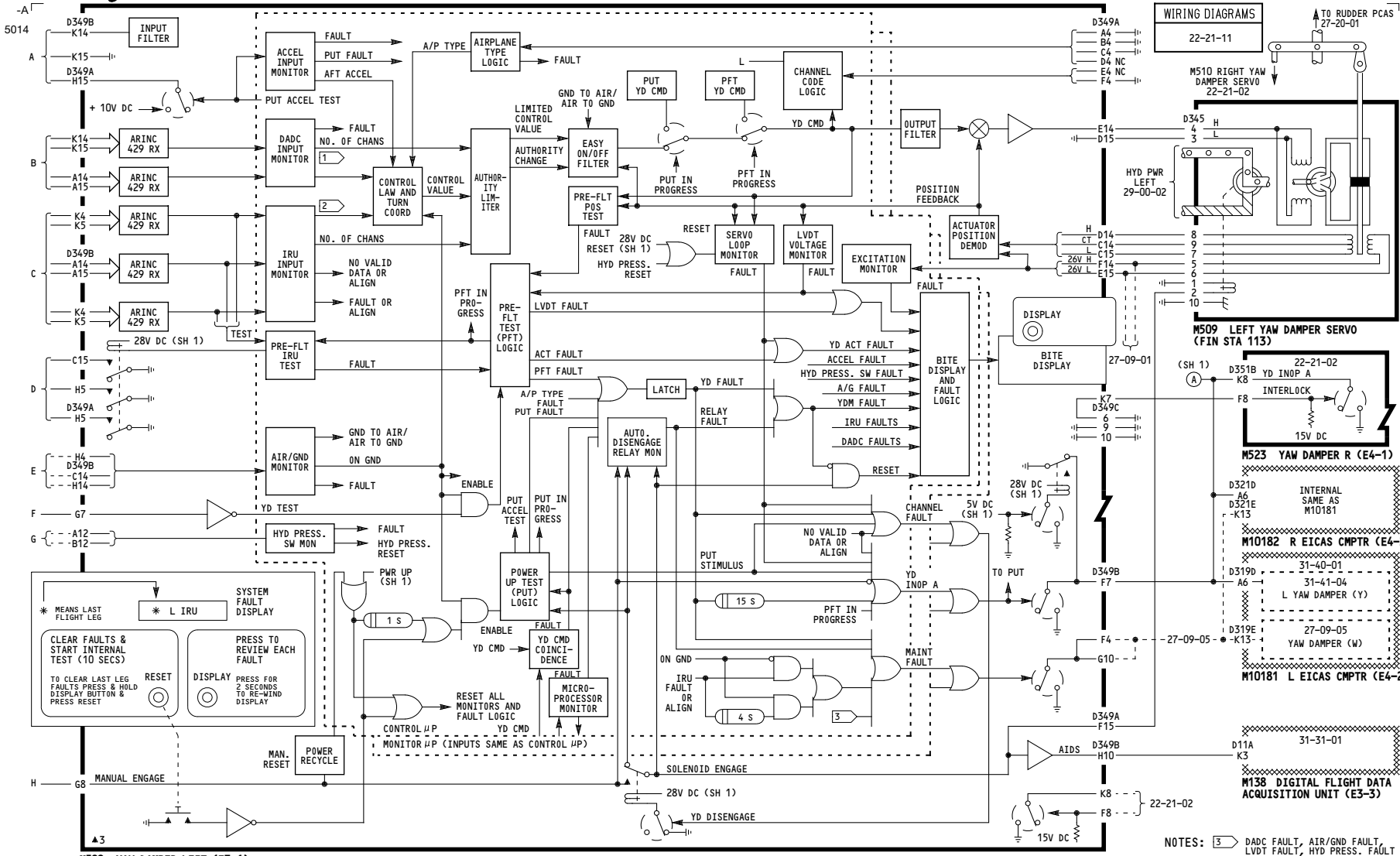
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- NOTES:**
- 1 IMPACT PRESS., A0A, TAS
  - 2 ROLL RATE, ROLL ATT, YAW RATE, LAT ACCEL, GND SPEED
  - Pressure symbol:
  - Return symbol:

ALL	<b>YAW DAMPER - LEFT</b>
D280N032S	

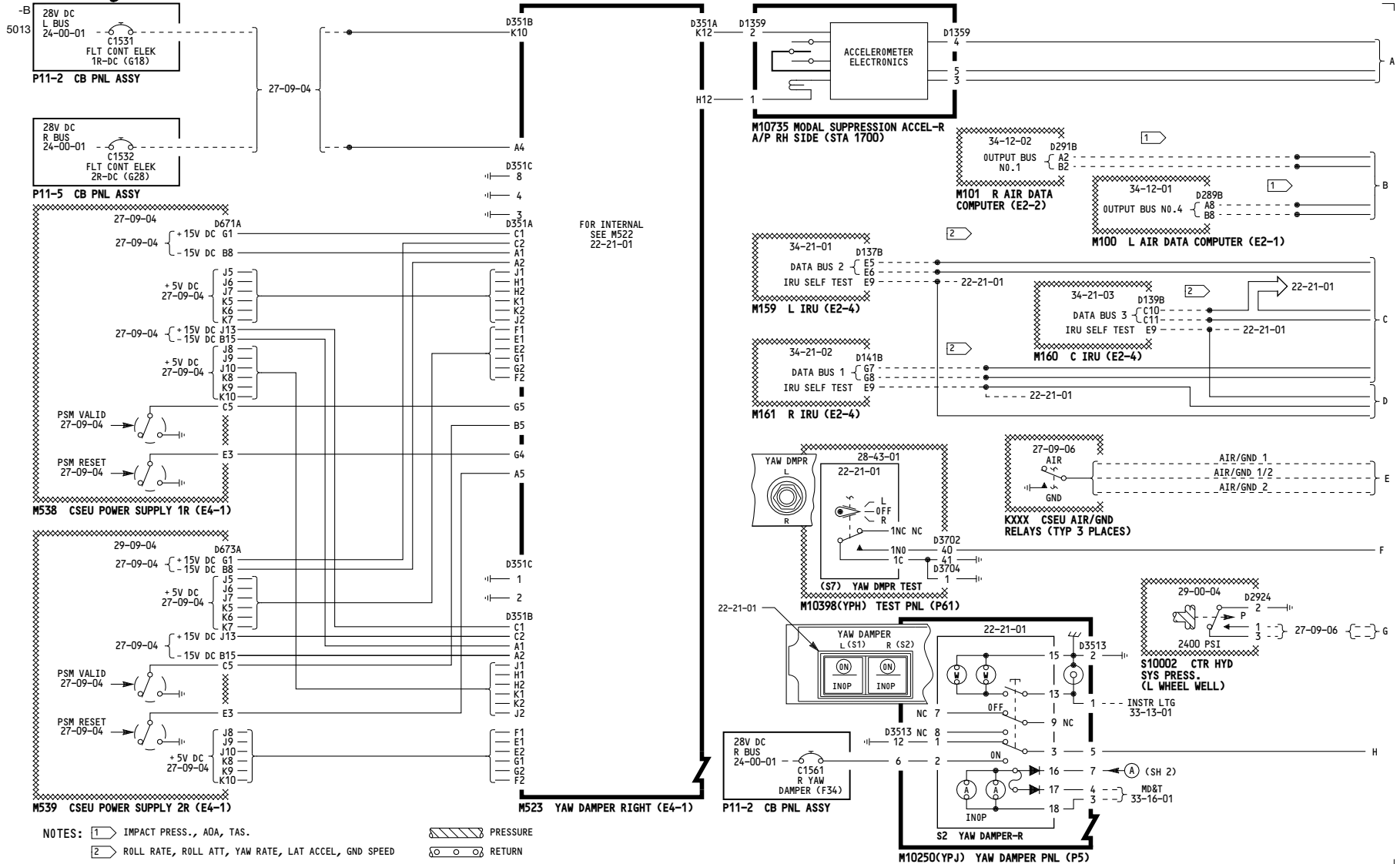
**22-21-01**



NOTES: ③ DADC FAULT, AIR/GND FAULT, LVDT FAULT, HYD PRESS. FAULT

ALL	<b>YAW DAMPER - LEFT</b>
D280N032S	

**22-21-01**

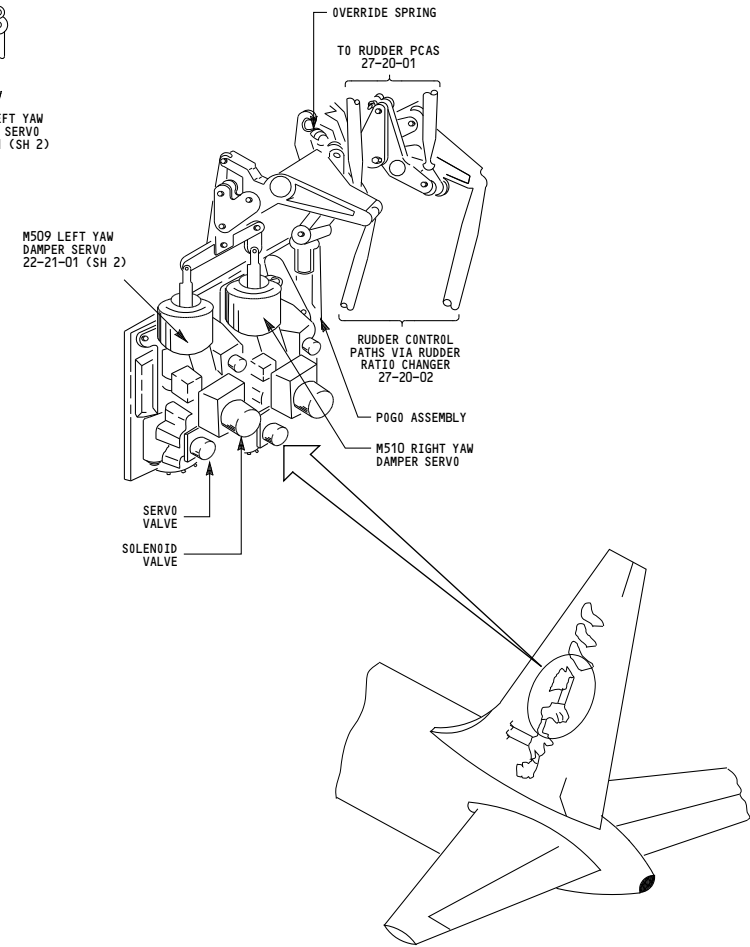
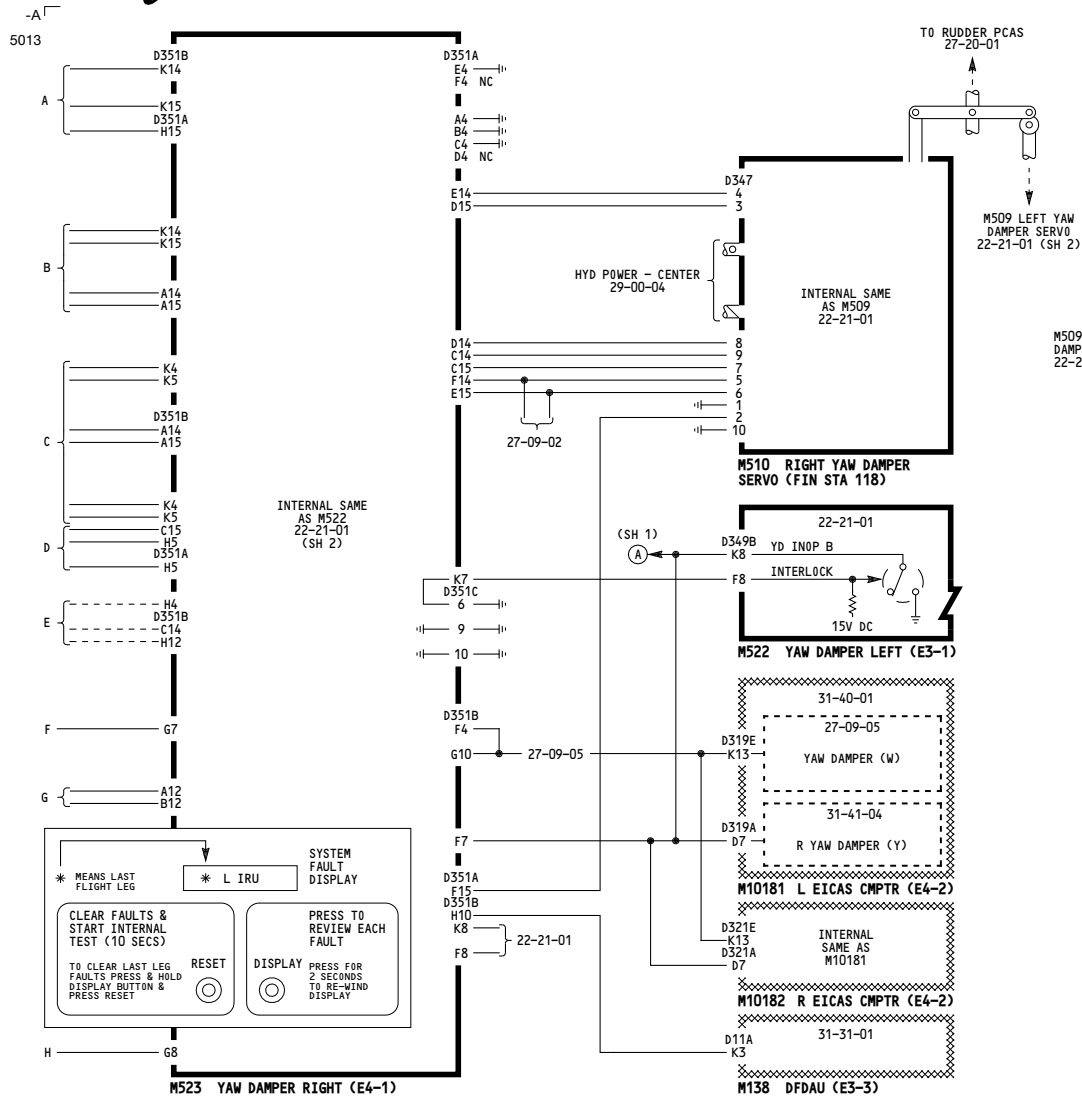


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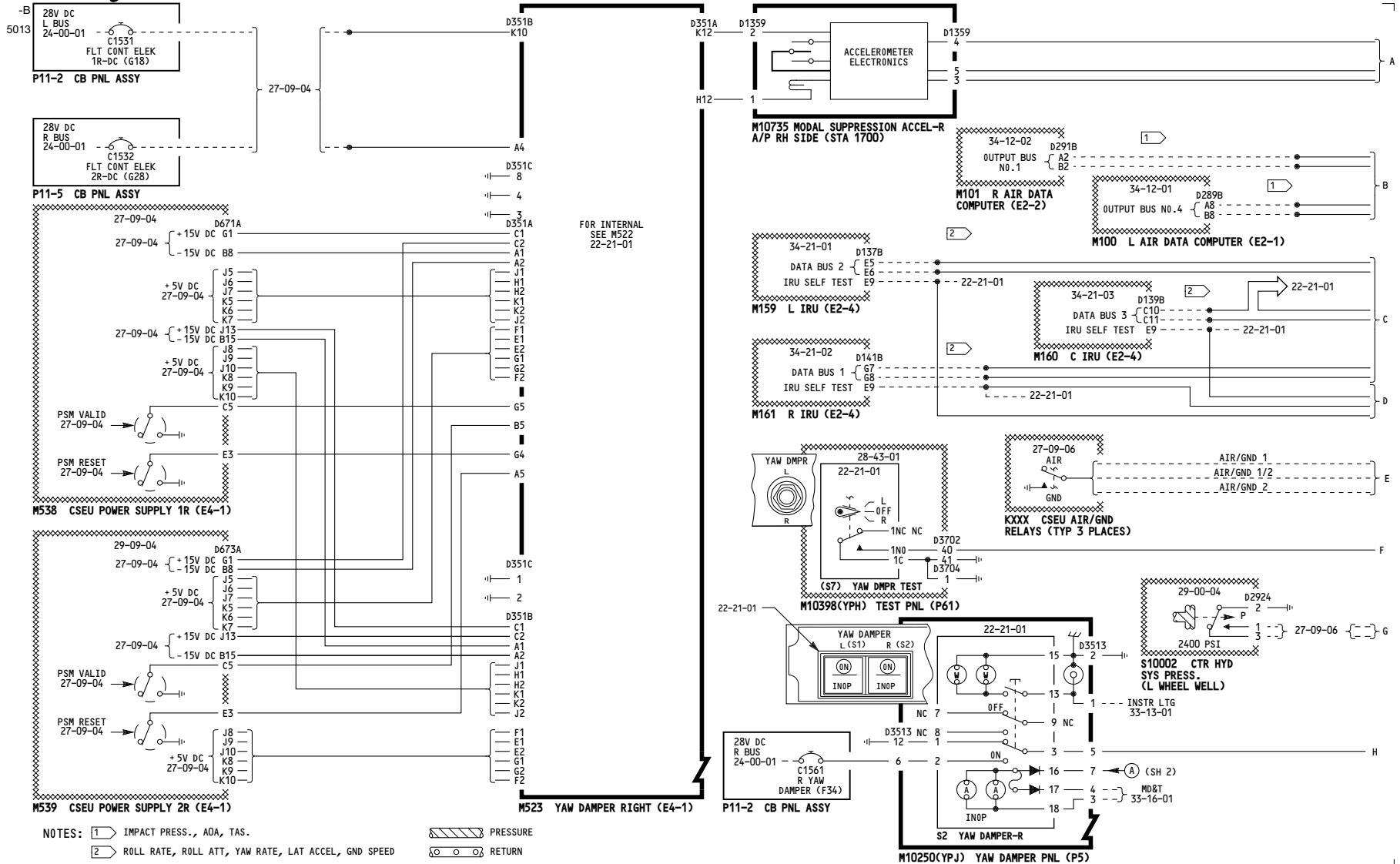
**YAW DAMPER - RIGHT**

D280N032S

**22-21-02**



<p>001-099</p>	<p><b>YAW DAMPER - RIGHT</b></p> <p>D280N032S</p>
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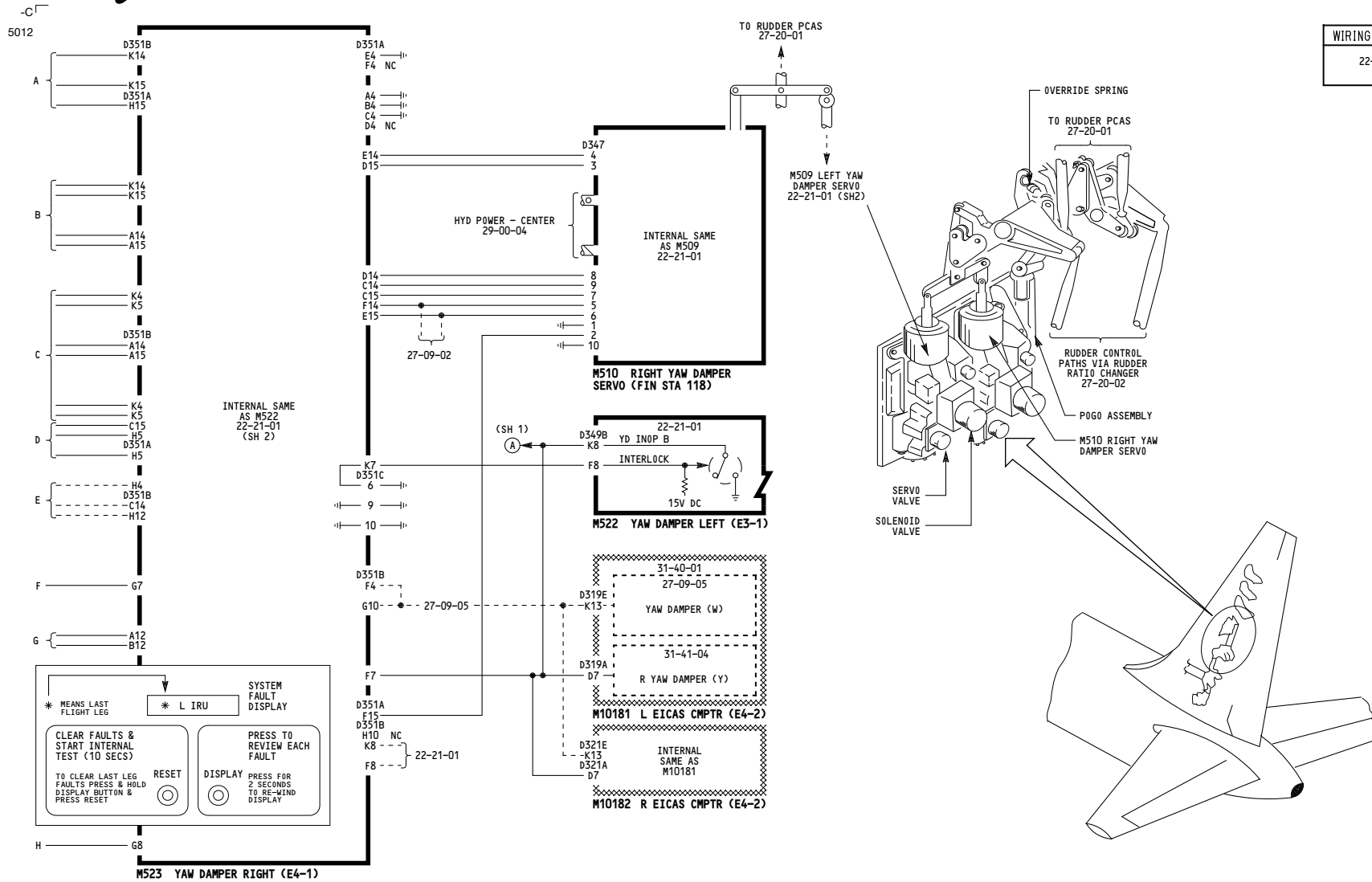
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**YAW DAMPER - RIGHT**

D280N032S

**22-21-02**

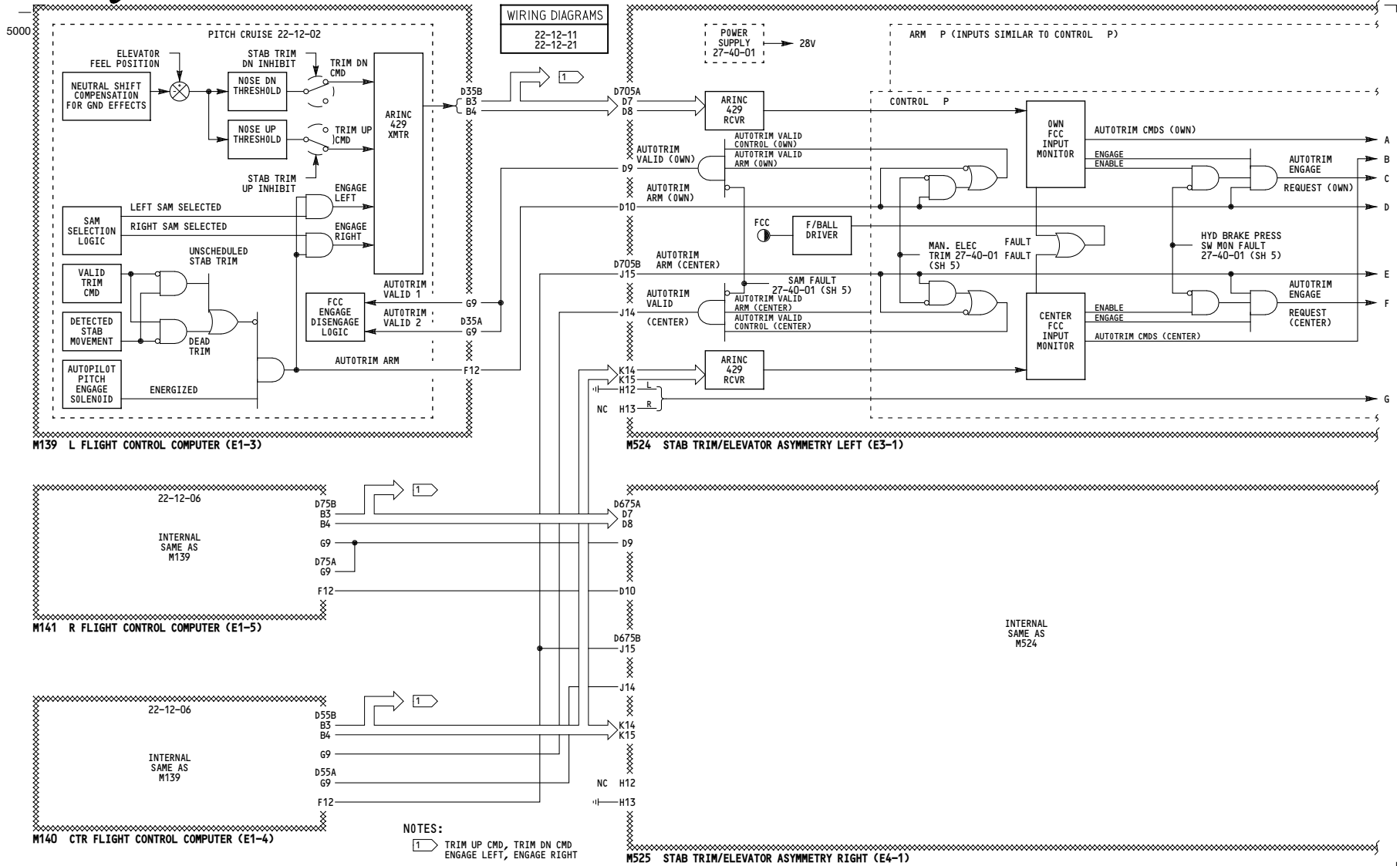
WIRING DIAGRAMS  
22-21-21



<p>115-199</p>	<p><b>YAW DAMPER - RIGHT</b></p> <p>D280N032S</p>
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**22-21-02**





**NOTES:**  
 1 TRIM UP CMD, TRIM DN CMD  
 ENGAGE LEFT, ENGAGE RIGHT

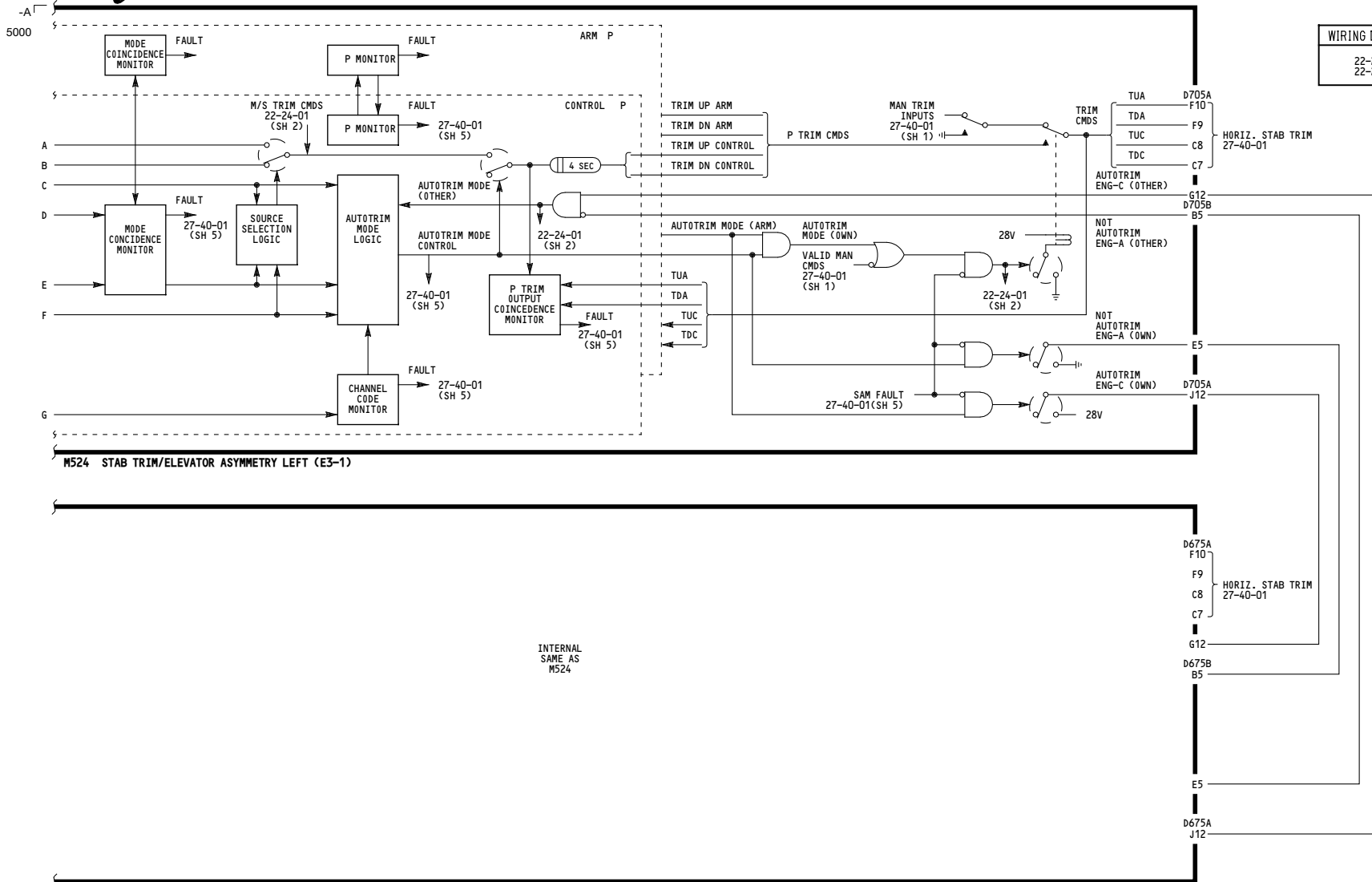
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**AUTOMATIC STABILIZER TRIM**

D280N032S

**22-22-01**

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 Sheet 1  
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WIRING DIAGRAMS  
22-22-11  
22-22-21

M524 STAB TRIM/ELEVATOR ASYMMETRY LEFT (E3-1)

M525 STAB TRIM/ELEVATOR ASYMMETRY RIGHT (E4-1)

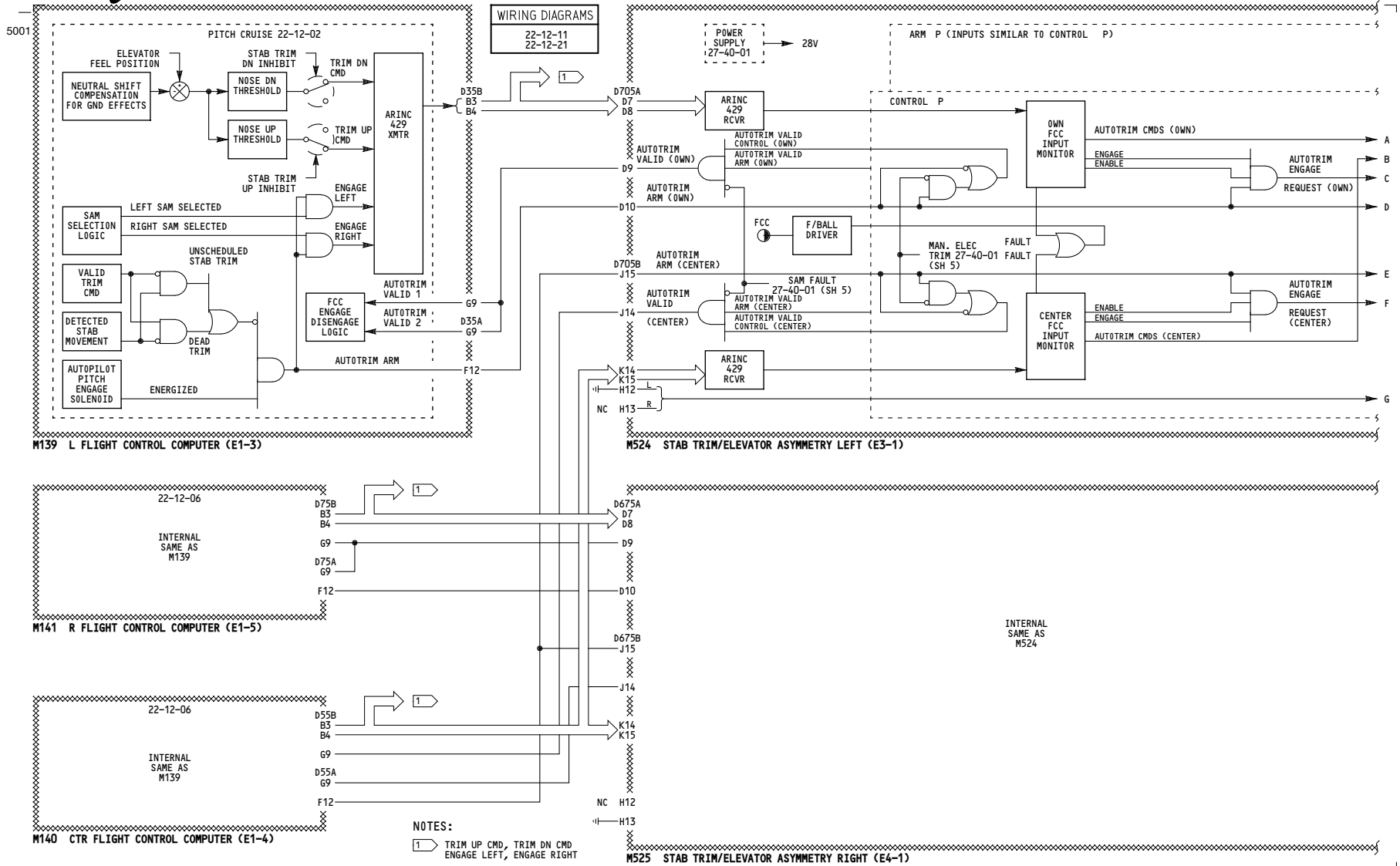
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**AUTOMATIC STABILIZER TRIM**

D280N032S

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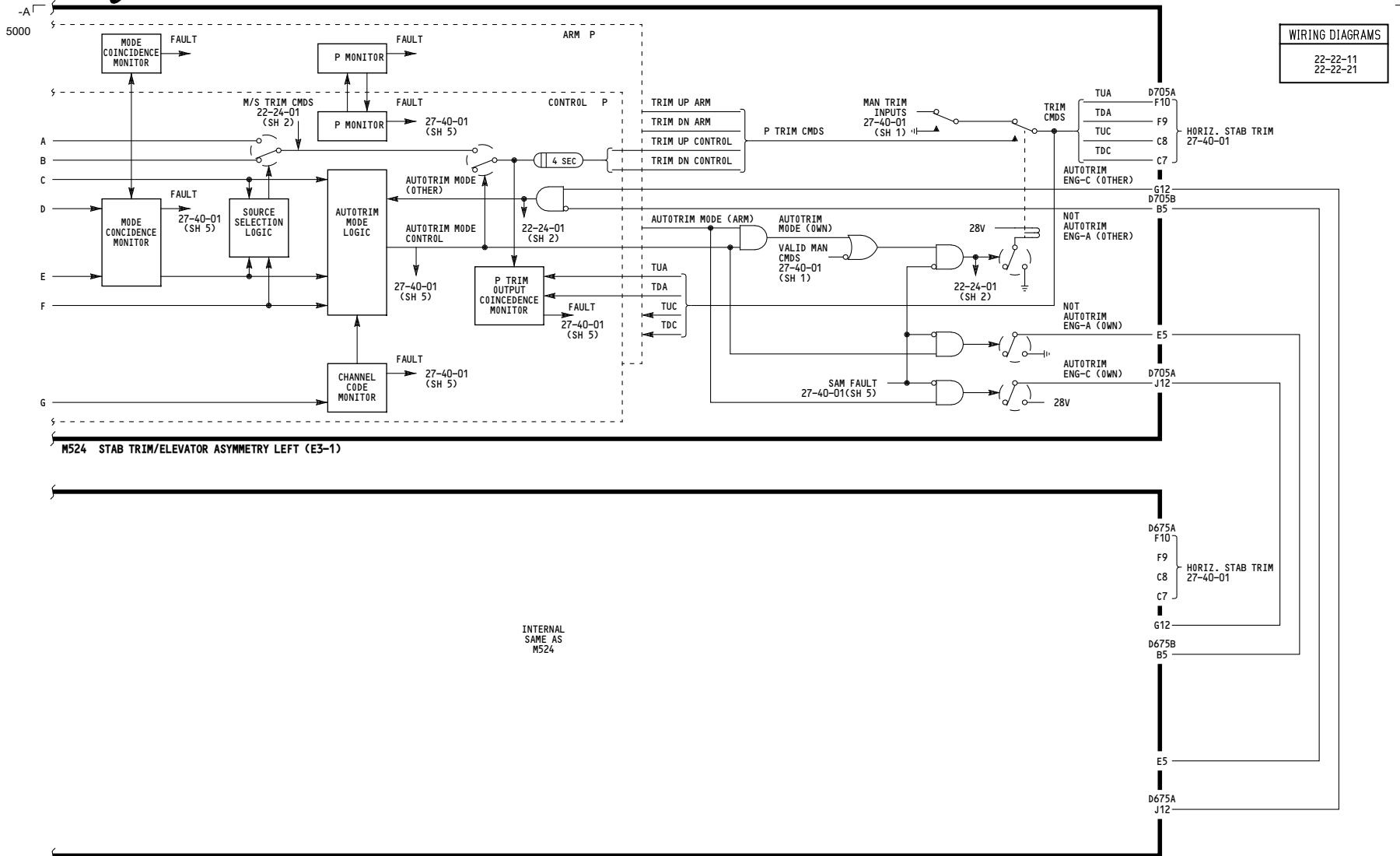
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**AUTOMATIC STABILIZER TRIM**

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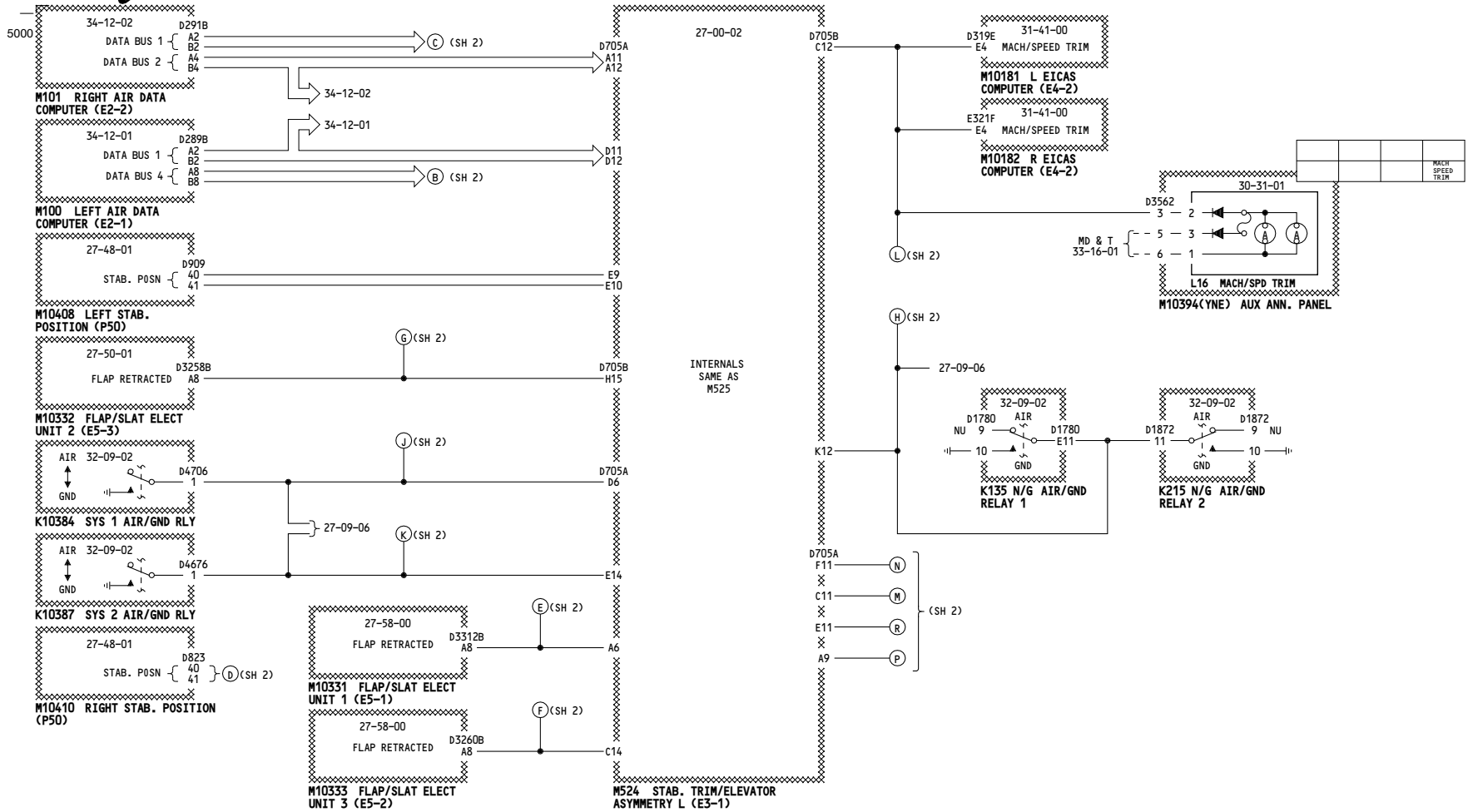


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**AUTOMATIC STABILIZER TRIM**

D280N032S

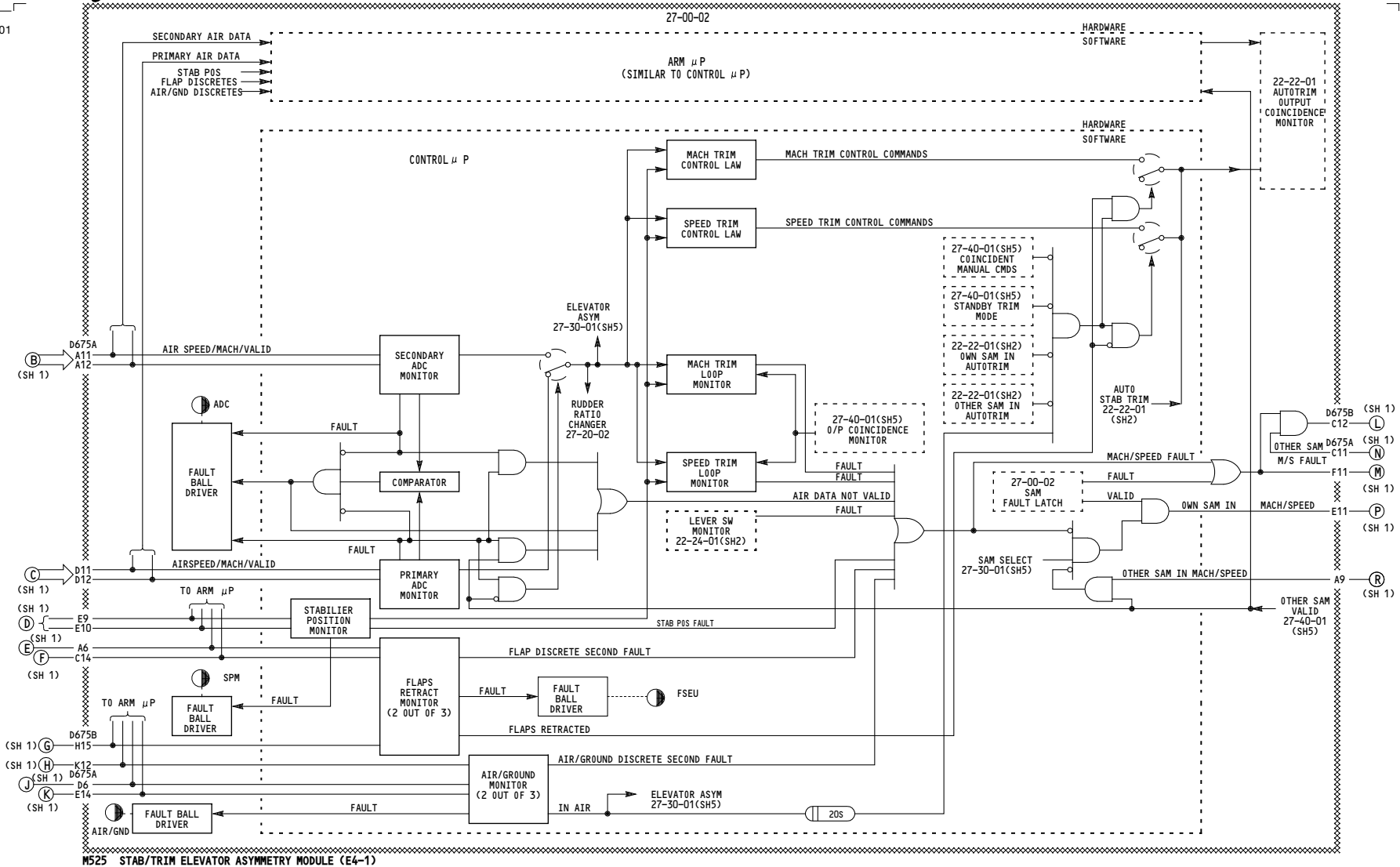
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ALL	<b>MACH TRIM/SPEED STABILITY</b>
	D280N032S

22-24-01

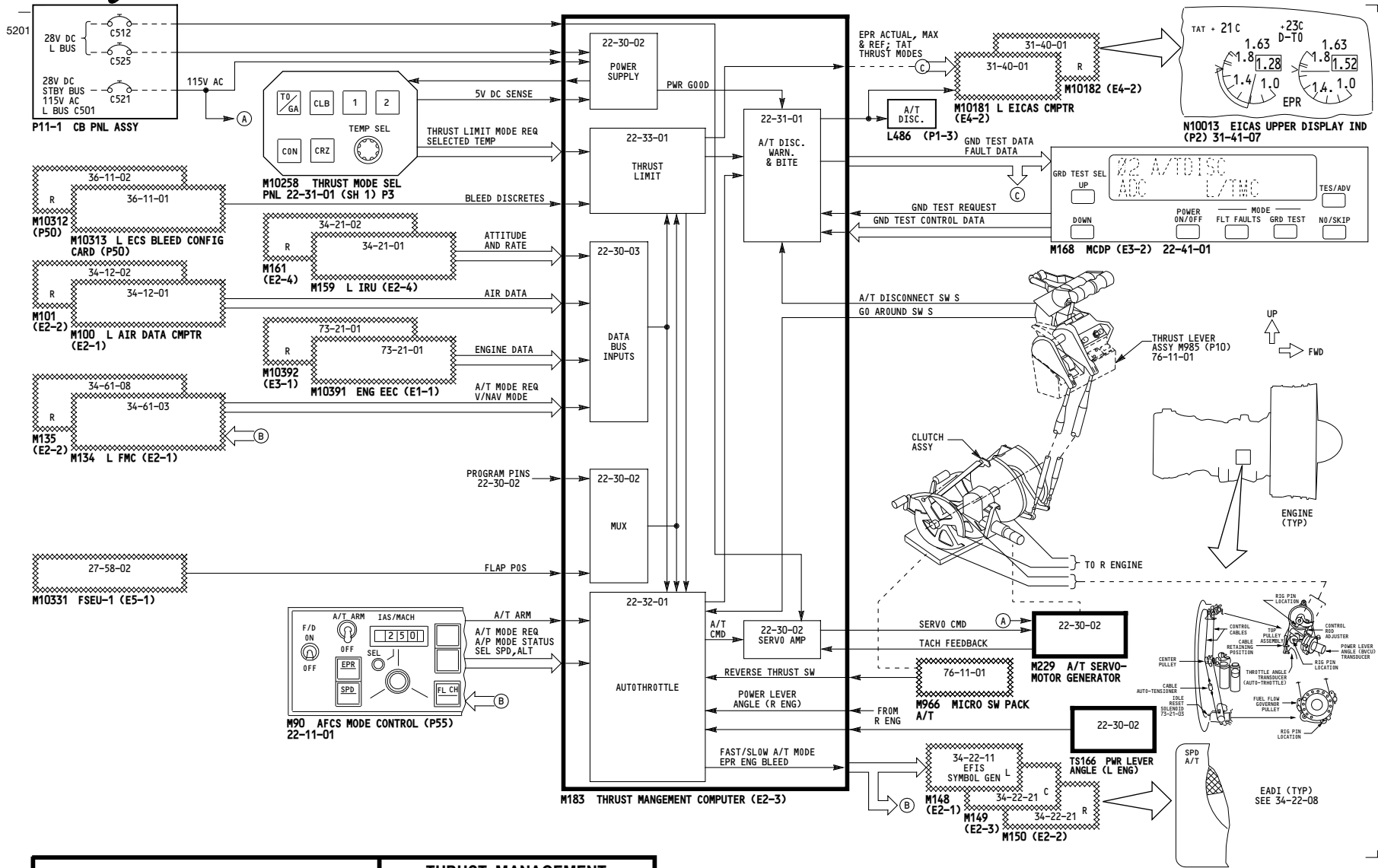
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ALL	<b>MACH TRIM/SPEED STABILITY</b>
	D280N032S

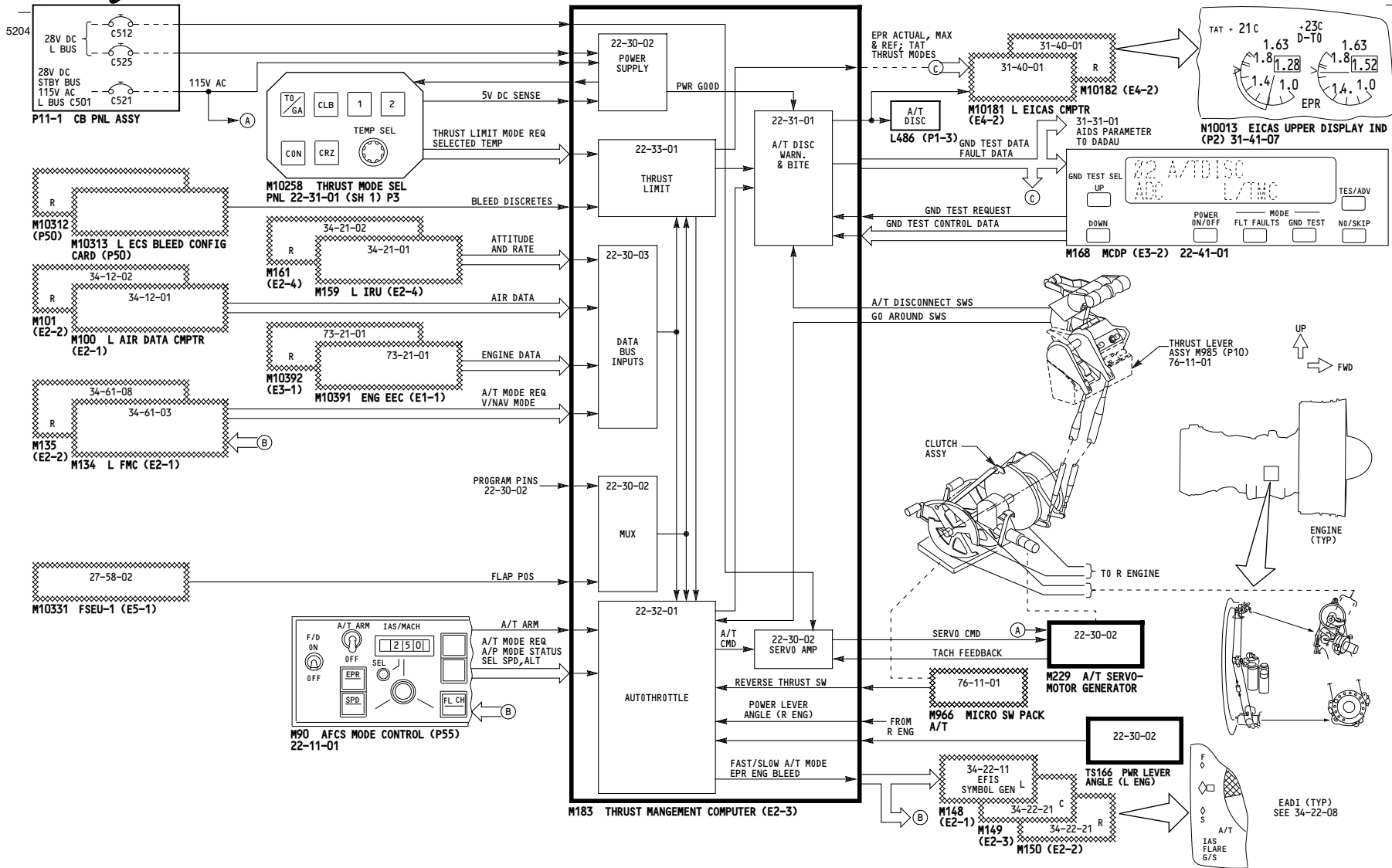
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001-099	<b>THRUST MANAGEMENT COMPUTER</b>
D280N032S	

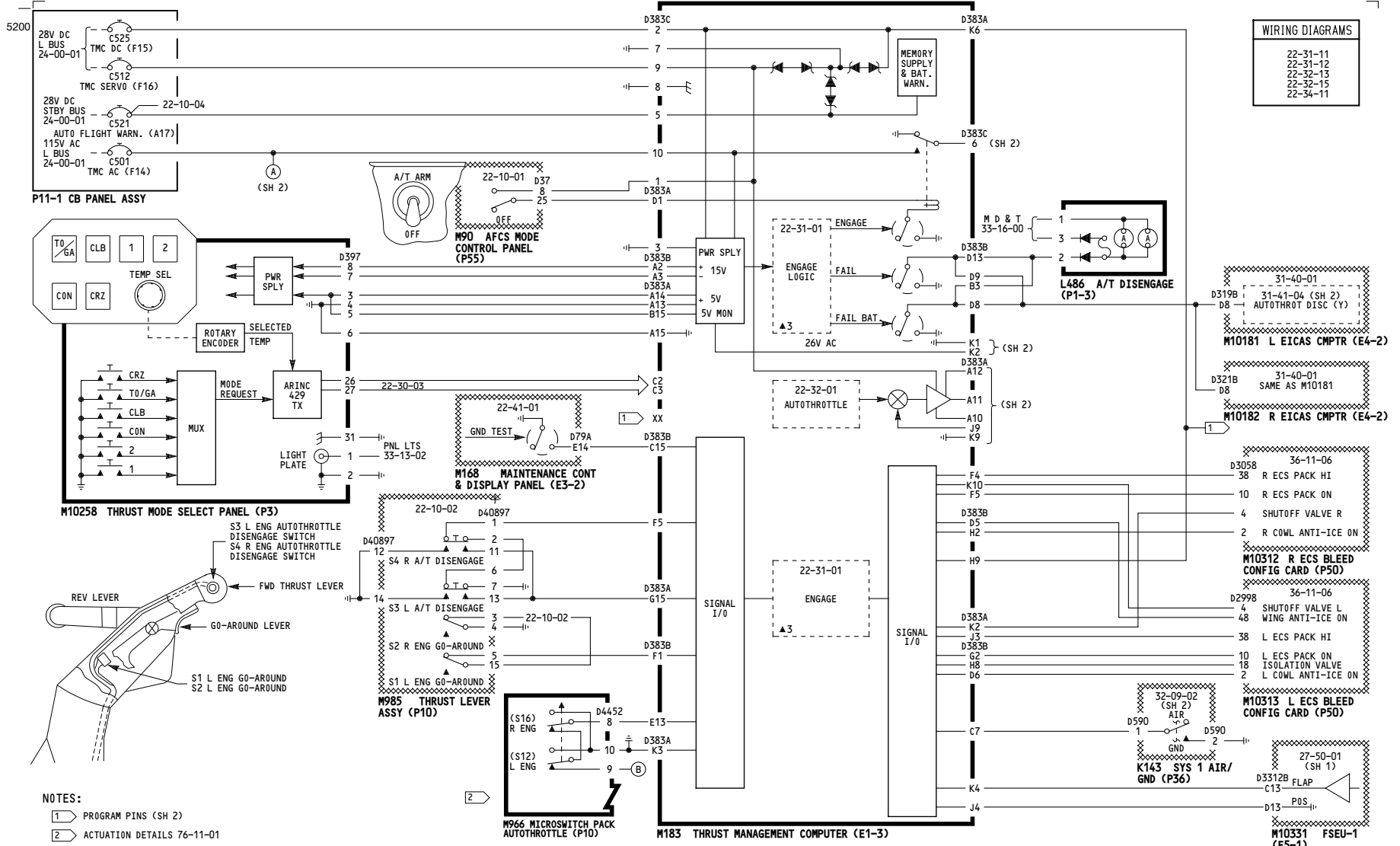
**22-30-01**



115-199	<b>THRUST MANAGEMENT COMPUTER</b>
	D280N032S

**22-30-01**





WIRING DIAGRAMS	
22-31-11	
22-31-12	
22-32-13	
22-32-15	
22-34-11	

- NOTES:**
- 1 PROGRAM PINS (SH 2)
  - 2 ACTUATION DETAILS 76-11-01

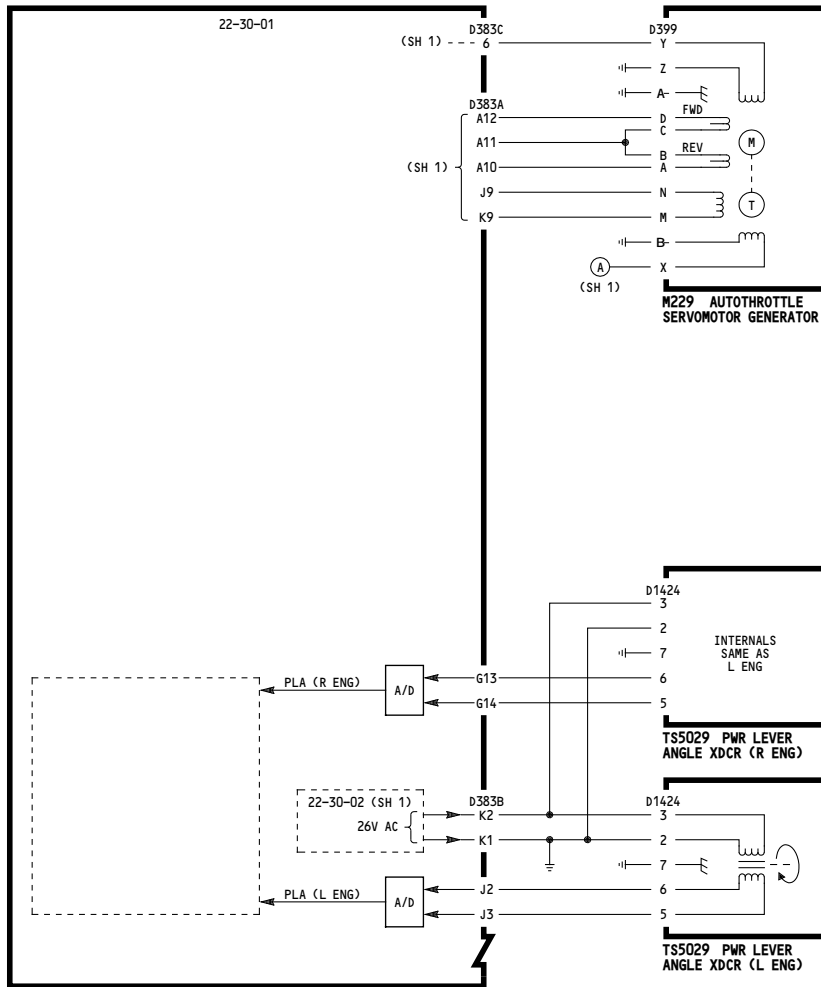
001-099

**THRUST MANAGEMENT  
COMPUTER - ANALOG  
INTERFACE**

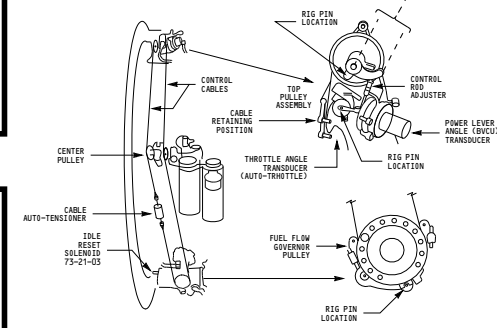
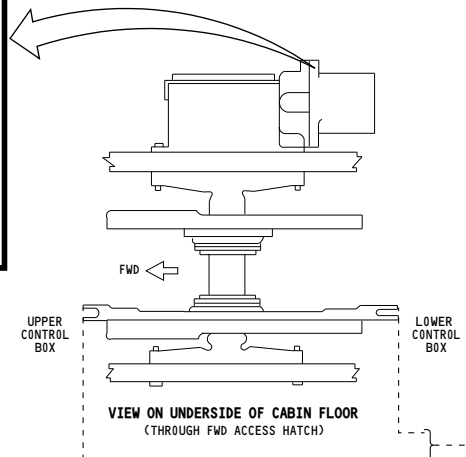
D280N032S

**22-30-02**

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M183 TMC (E2-3)



**WIRING DIAGRAMS**

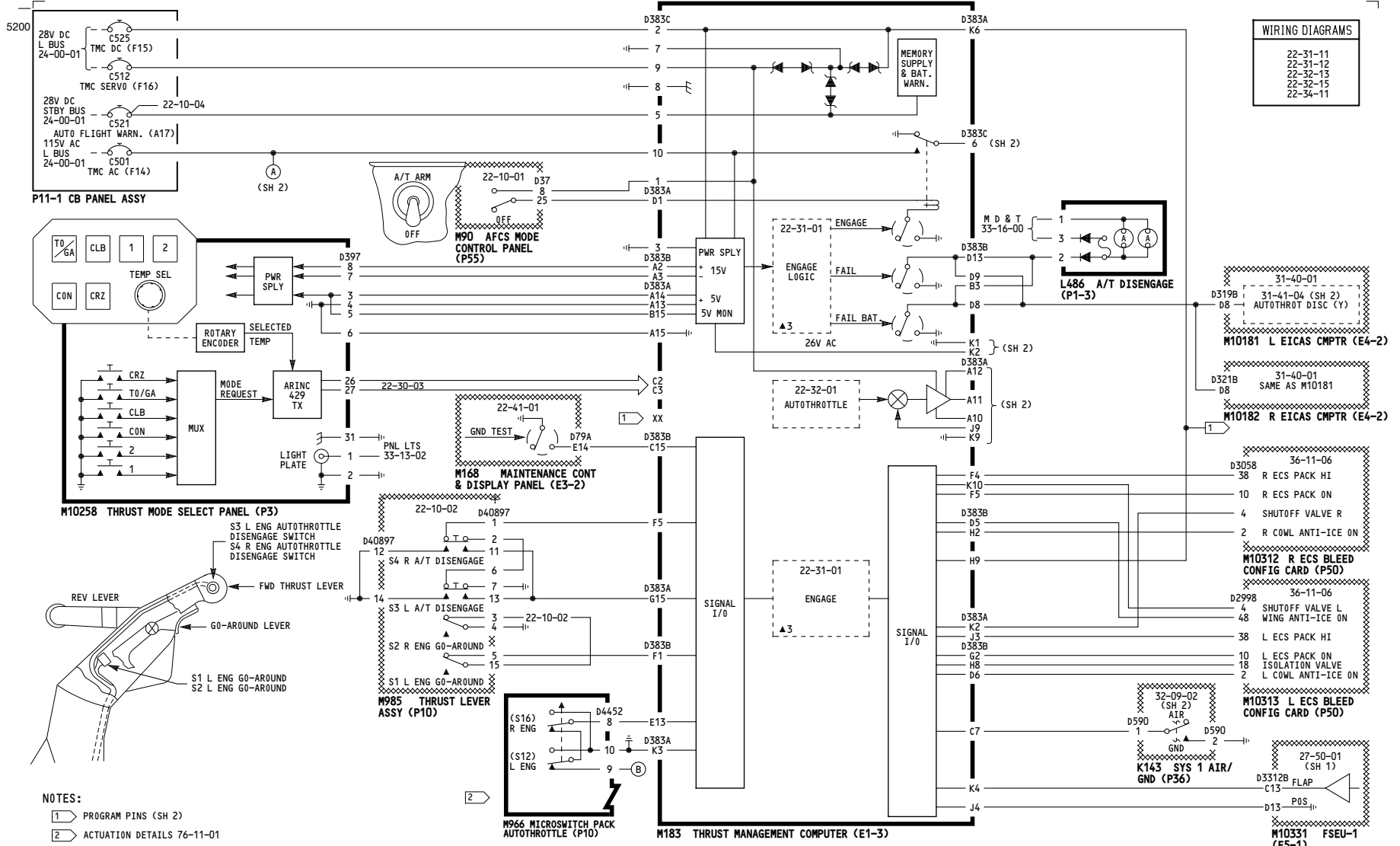
22-31-11  
22-32-14  
22-33-11  
22-34-11

PROGRAM PIN	PIN D383X	STATE	PROGRAM AS CONNECTED	CODE
ENG PP	1 B D10	NC	RB211-535E4	1
	2 B F6	NC		0
	3 B G11	GND		0
	4 B C1	GND		0
	5 A E15	GND		0
THR LIM CUST OPT	1 A F7	28V DC	ALT RATINGS OR FIXED DERATES IN CLIMB ONLY	1
	2 A F9	28V DC		0
	3 A K5	GND		0
	4 B H10	GND		0
ENG & THRUST LIM PARITY	A D13	NC	ODD PARITY	1
A/T CUST OPT	1 A J10	28V DC	EEC REQUIRED (NORMAL) OPER W/O ANTI-ICE	1
	2 A H6	GND		0
	3 A F3	28V DC		0
	4 A J12	GND		0
APL PP	1 B F2	GND	757-200	0
	2 B F4	NC		1
	3 A B11	GND		0
	4 A E14	GND		0
A/T & APL PARITY	A H15	GND	ODD PARITY	0
CUST OPT	1 A D12	GND	EPR REF BUG DRIVE & EPR REF OUTPUT FULL TIME FAST/SLOW DOUBLE PUSH RESET NO EXT FMC SEL	0
	2 A D10	GND		0
	3 A G8	GND		0
	4 A D11	GND		0
	5 A C11	GND		0

PROGRAM PIN CONFIGURATION

001-099	<p><b>THRUST MANAGEMENT COMPUTER - ANALOG INTERFACE</b></p> <p>D280N032S</p>
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**22-30-02**



**NOTES:**  
 1 PROGRAM PINS (SH 2)  
 2 ACTUATION DETAILS 76-11-01

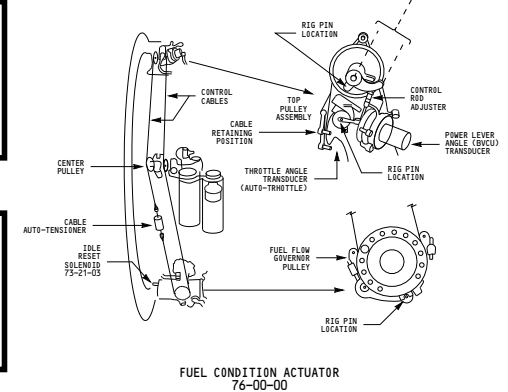
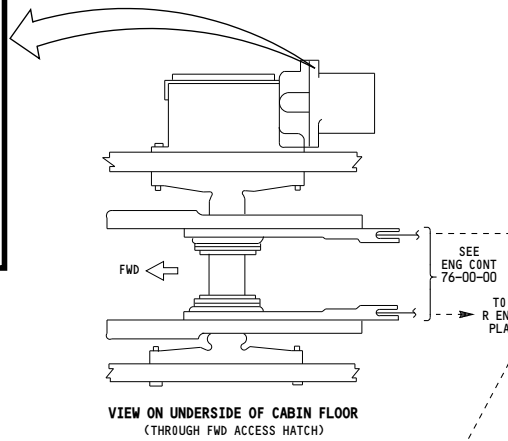
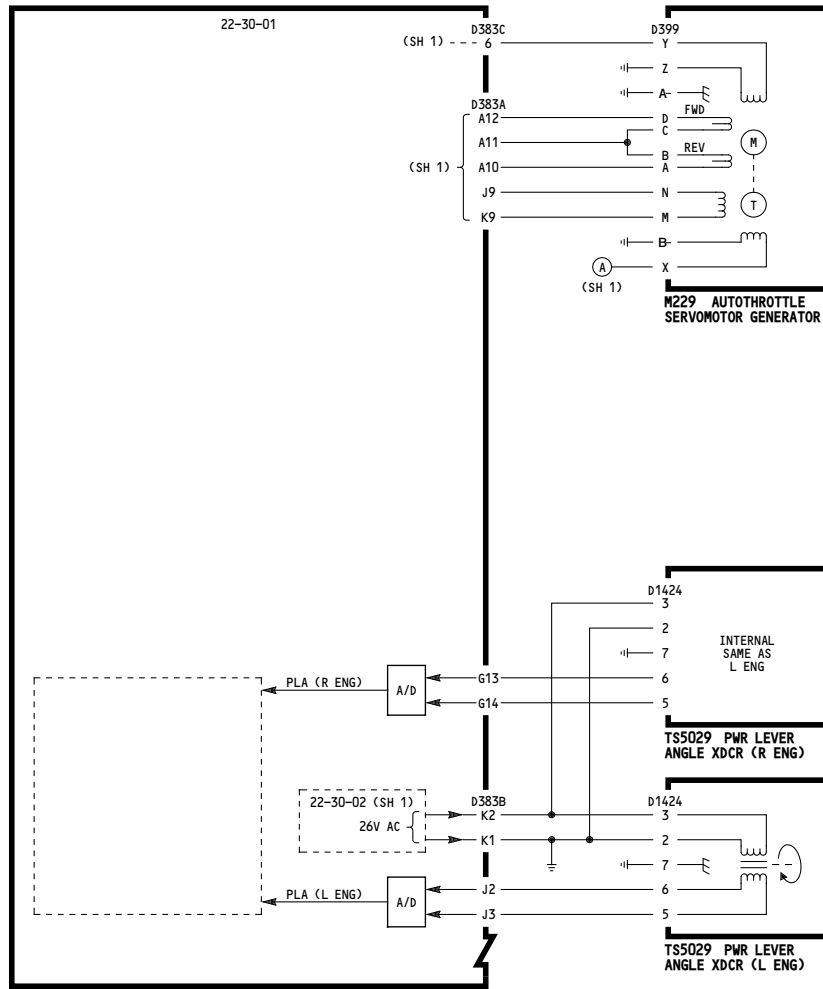
115-199

**THRUST MANAGEMENT  
 COMPUTER - ANALOG  
 INTERFACE**

D280N032S

**22-30-02**

5201



**WIRING DIAGRAMS**  
22-31-11  
22-32-14  
22-33-11  
22-34-11

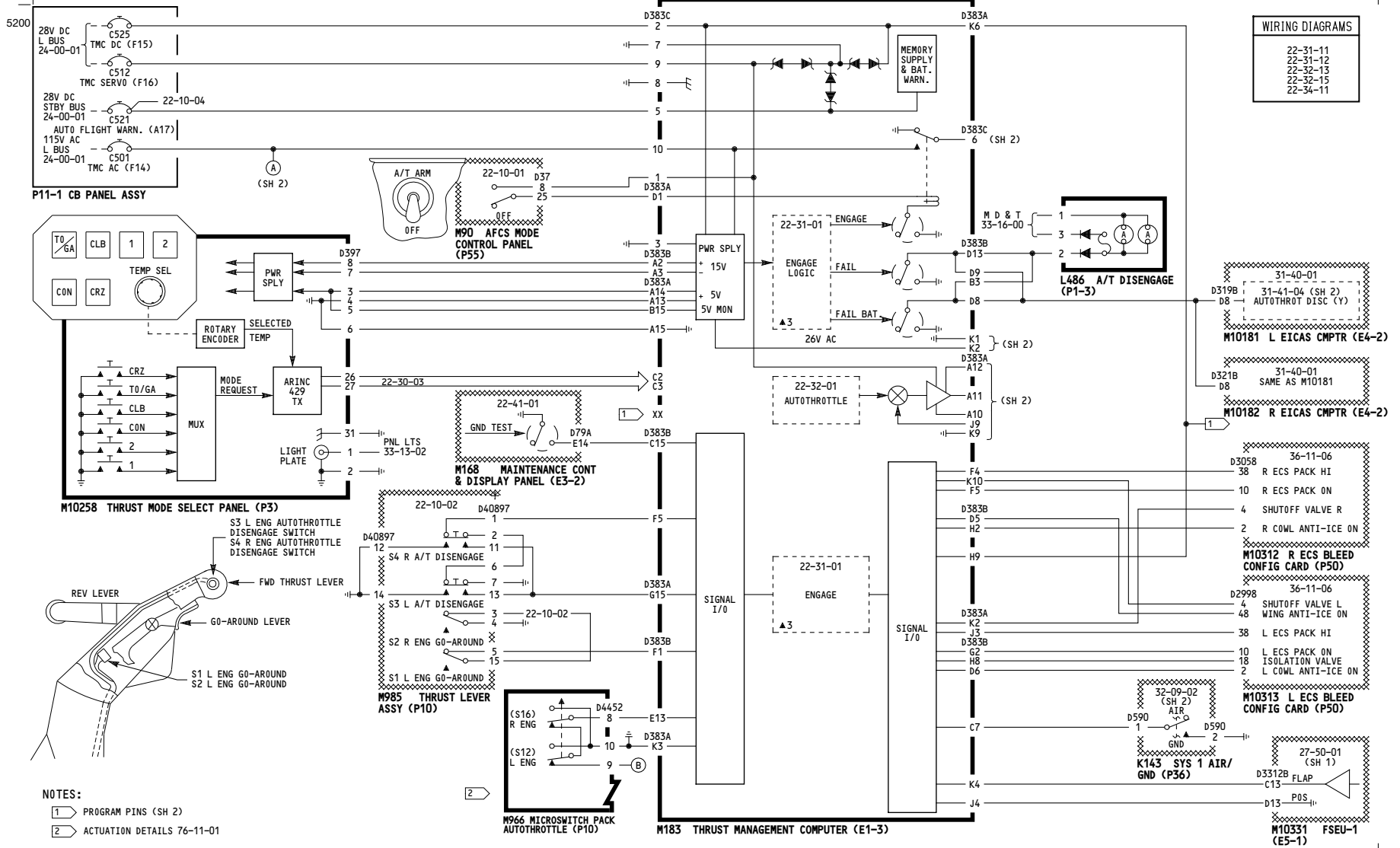
PROGRAM PIN	PIN D383X	STATE	PROGRAM AS CONNECTED	CODE
ENG PP	1 B D10	NC	RB211-535C	1
	2 B F6	GND		0
	3 B G11	GND		0
	4 B C1	GND		0
	5 A E15	GND		0
THR LIM CUST OPT	1 A F7	28V DC	ALT RATINGS OR FIXED DERATES IN CLIMB ONLY	1
	2 A F9	28V DC		0
	3 A K5	GND		0
	4 B H10	GND		0
ENG & THRUST LIM	A D13	GND	ODD PARITY	0
A/T CUST OPT	1 A J10	28V DC	EEC REQUIRED (NORMAL) AND OPER W/O AI	0
	2 A H6	GND		1
	3 A F3	28V DC		1
	4 A J12	GND		0
APL PP	1 B F2	GND	757-200	1
	2 B F4	NC		0
	3 A B11	GND		0
	4 A E14	GND		0
A/T & APL	A H15	GND	ODD PARITY	0
CUST OPT	1 A D12	GND	EPR REF BUG DRIVE & EPR REF OUTPUT FULL TIME FAST/SLOW DOUBLE PUSH RESET NO EXT FMC SEL	0
	2 A D10	GND		0
	3 A G8	GND		0
	4 A D11	GND		0
	5 A C11	GND		0

PROGRAM PIN CONFIGURATION

M183 TMC (E2-3)

115-199	<p><b>THRUST MANAGEMENT COMPUTER - ANALOG INTERFACE</b></p> <p>D280N032S</p>
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**22-30-02**



- WIRING DIAGRAMS**
- 22-31-11
  - 22-31-12
  - 22-32-13
  - 22-32-15
  - 22-34-11

**NOTES:**

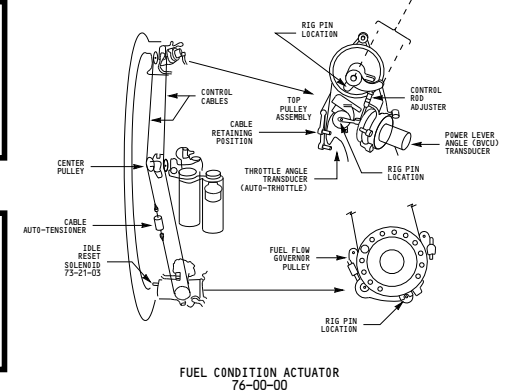
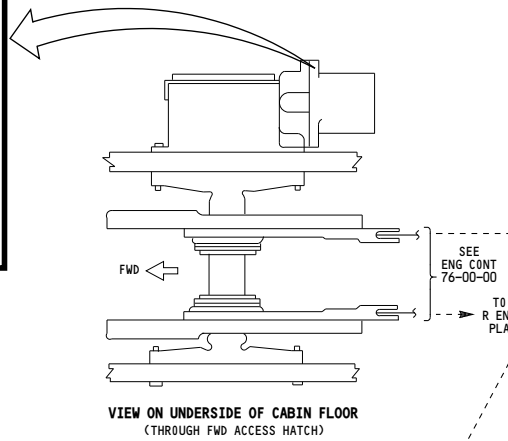
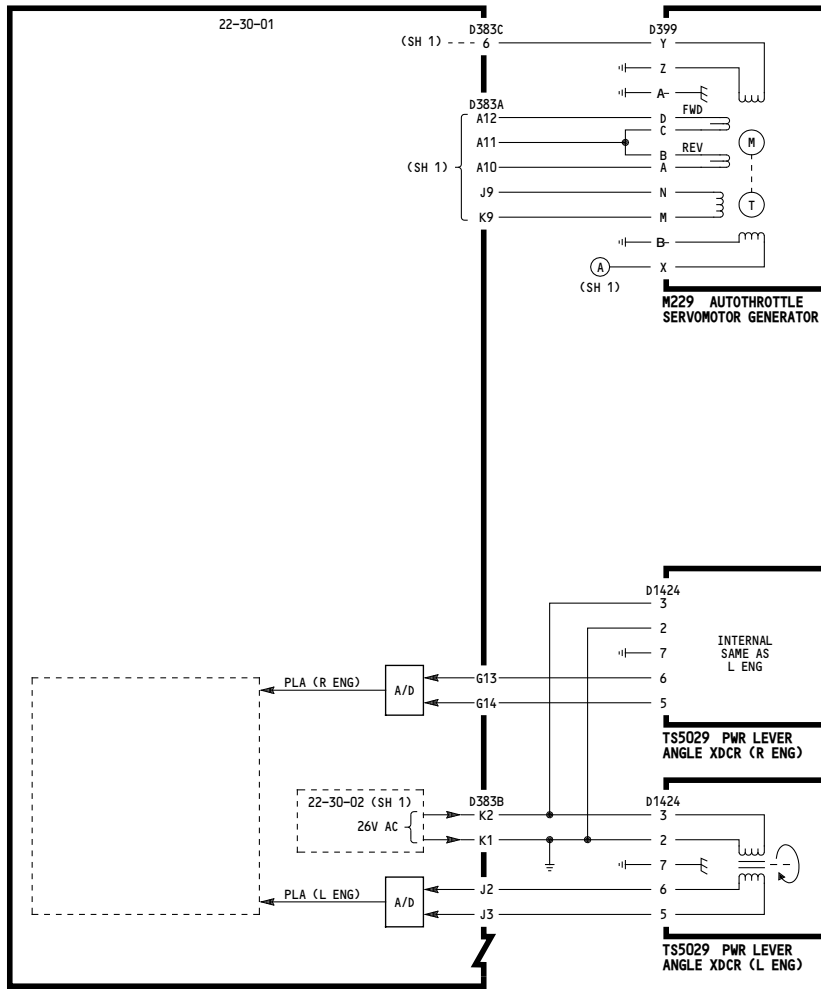
- 1 PROGRAM PINS (SH 2)
- 2 ACTUATION DETAILS 76-11-01

**THRUST MANAGEMENT  
COMPUTER - ANALOG  
INTERFACE**

D280N032S

**22-30-02**

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**WIRING DIAGRAMS**

22-31-11  
22-32-14  
22-33-11  
22-34-11

PROGRAM PIN	PIN D383X	STATE	PROGRAM AS CONNECTED	CODE
ENG PP	1 B D10	NC	RB211-535C	1
	2 B F6	NC		0
	3 B G11	GND		0
	4 B C1	GND		0
	5 A E15	GND		0
THR LIM CUST OPT	1 A F7	28V DC	ALT RATINGS OR FIXED DERATES IN CLIMB ONLY	1
	2 A F9	28V DC		0
	3 A K5	GND		0
	4 B H10	GND		0
ENG & THRUST LIM	A D13	NC	ODD PARITY	1
A/T CUST OPT	1 A J10	28V DC	EEC REQUIRED (NORMAL) AND OPER W/O AI	1
	2 A H6	28V DC		1
	3 A F3	28V DC		1
	4 A J12	GND		0
APL PP	1 B F2	GND	757-200	0
	2 B F4	NC		1
	3 A B11	GND		0
	4 A E14	GND		0
A/T & APL	A H15	NC	ODD PARITY	1
CUST OPT	1 A D12	GND	EPR REF BUG DRIVE & EPR REF OUTPUT FULL TIME FAST/SLOW DOUBLE PUSH RESET NO EXT FMC SEL	0
	2 A D10	GND		0
	3 A G8	GND		0
	4 A D11	GND		0
	5 A C11	GND		0

PROGRAM PIN CONFIGURATION

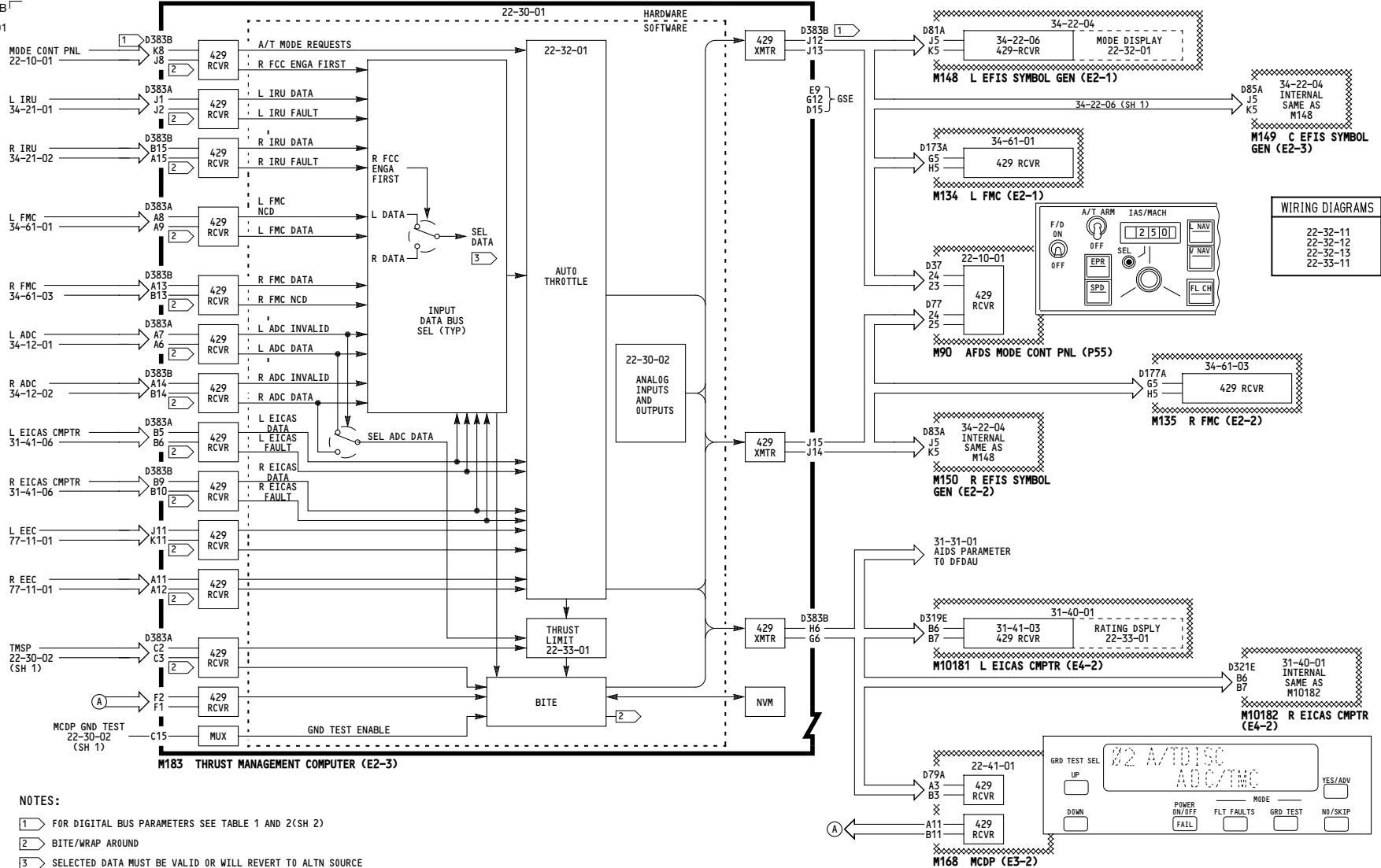
M183 TMC (E2-3)

115	<p><b>THRUST MANAGEMENT COMPUTER - ANALOG INTERFACE</b></p> <p>D280N032S</p>
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**THRUST MANAGEMENT COMPUTER - DIGITAL INPUTS AND OUTPUTS**

D280N032S

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TABLE 1 INPUT PARAMETERS

SOURCE	SIGNAL	SOURCE	SIGNAL
MODE CONT PNL	ALT SEL ELEV SPD CMD MACH SEL SPD BRK HDL POS SPD SEL STAB POS DISCRETES:- IAS/MACH SEL F/D ON-F/O F/D ON-CAPT SPD MODE REQ THRUST MODE REQ ALT HOLD REQ FL CH MODE OPER V/NAV MODE G/S MODE OPER THROT RETARD PITCH SPD CONT A/P CMD C ENGA A/P CMD L ENGA A/P CMD R ENGA V/S MODE OPER AFDS G/A OPER	ADC	ALT (BARO 4) ALT (29,92) COMPUTED AS IMPACT PRESS IND AOA MACH MAX DPRTG SCHED SAT TAT TOTAL PRESS TAS DISCRETES:- P/S HT ON-L P/S HT ON-R TAT PROBE HT ON
IRU	NORM ACCEL PITCH RATE ROLL RATE YAW RATE XTK HRZ ACCEL FPAC GS INS ALT INS V/S PITCH ANGLE ROLL ANGLE TKA TRUE TRUE HDG DISCRETES:- ALIGN FAULT NO IRS INITIAL EXCESS MOTION ADC/IRU FAULT	EEC	EEC STATUS EPR COMMAND IDLE EPR MAX EPR LIMIT
FMC	ASSUMED TEMP EPR TARGET SEL MACH TARGET AS A/T MACH MODE REQ A/T A/S MODE REQ CLB MODE REQ CON MODE REQ CRZ MODE REQ G/A MODE REQ T/O MODE REQ A/T LOW GAIN ARM IDLE THRUST REQ THRUSTLE DORMANT THRUST MODE REQ	TMSP	DISCRETES:- SEL TEMP BIT 0 SEL TEMP BIT 1 SEL TEMP BIT 2 SEL TEMP BIT 3 SEL TEMP BIT 4 RATING 1 REQ RATING 2 REQ CON MODE REQ T/O/GA MODE REQ CRZ MODE REQ CLB MODE REQ
		MCDP	TEST CONT 13 TEST CONT 14 TEST CONT 15 TEST CONT 16
		EICAS	EPR ACTUAL N3 ACTUAL

TABLE 2 OUTPUT PARAMETERS

DESTINATION	SIGNAL
EFIS SYMBOL GENERATOR	A/T FAST/SLOW CMD TMS FLT MODE ANN
FMC	TMS MODE STATUS ENG BLEED STATUS EPR ACTUAL - L EPR ACTUAL - R EPR REFERENCE FLAP POSITION TEMP SELECTED DISCRETE PARAMETERS 3
MODE CONT DNL (L & R BUS)	TMS MODE STATUS VERT SPD CMD
EICAS CMPTR	EPR ACTUAL - L EPR ACTUAL - R EPR BUG DRIVE - L EPR BUG DRIVE - R MAX EPR LIMIT TAT TEMP SELECTED DISCRETE PARAMETERS 2 DISCRETE PARAMETERS 3 EPR REFERENCE PLA-L PLA-R
MCDP	FAULT DATA GND TEST DATA INTERFACE FAULT DATA
DFDAU	AIDS PARAMETERS

ALL

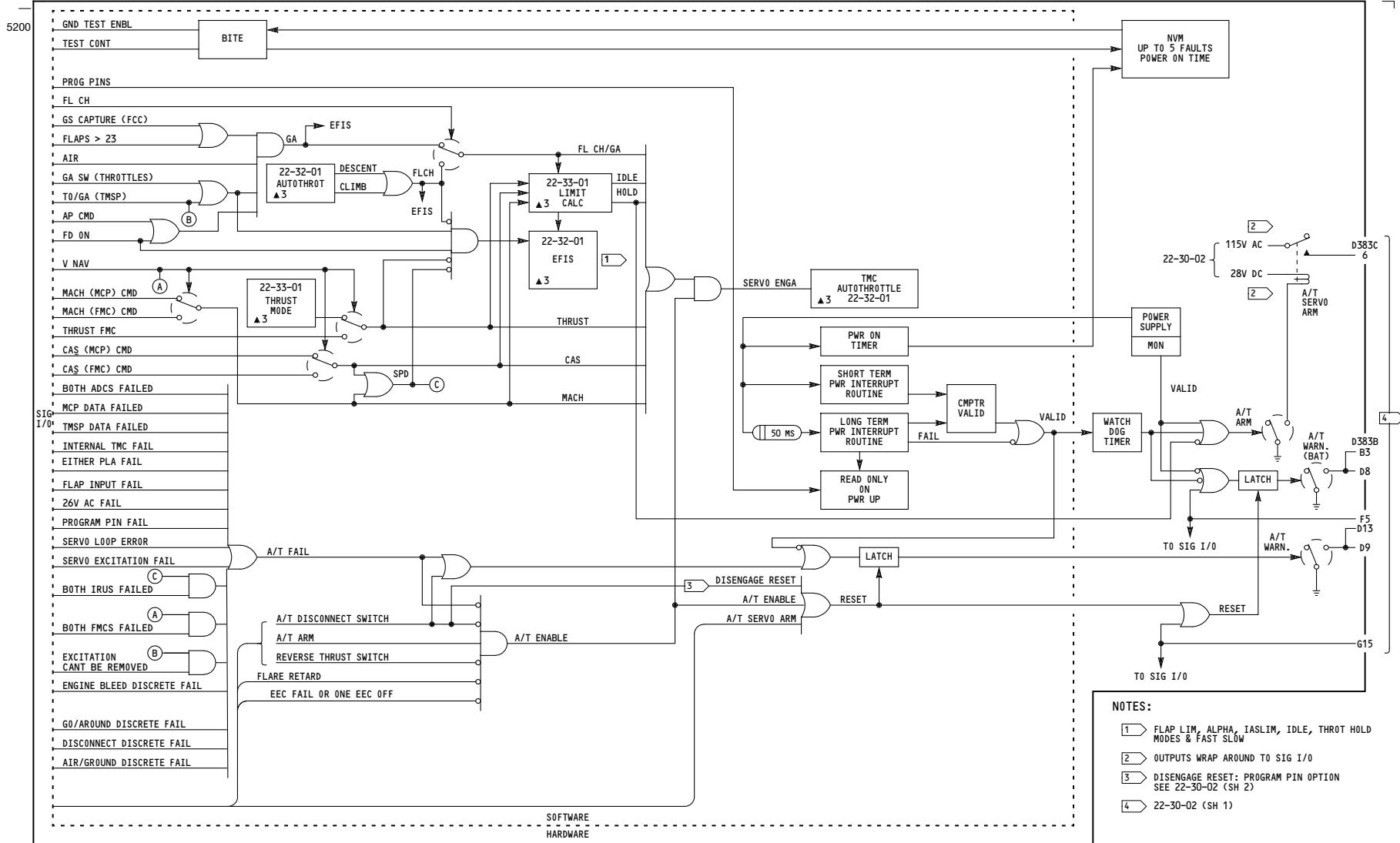
**THRUST MANAGEMENT  
COMPUTER - DIGITAL  
INPUTS AND OUTPUTS**

D280N032S

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M168 TMC (E2-3)

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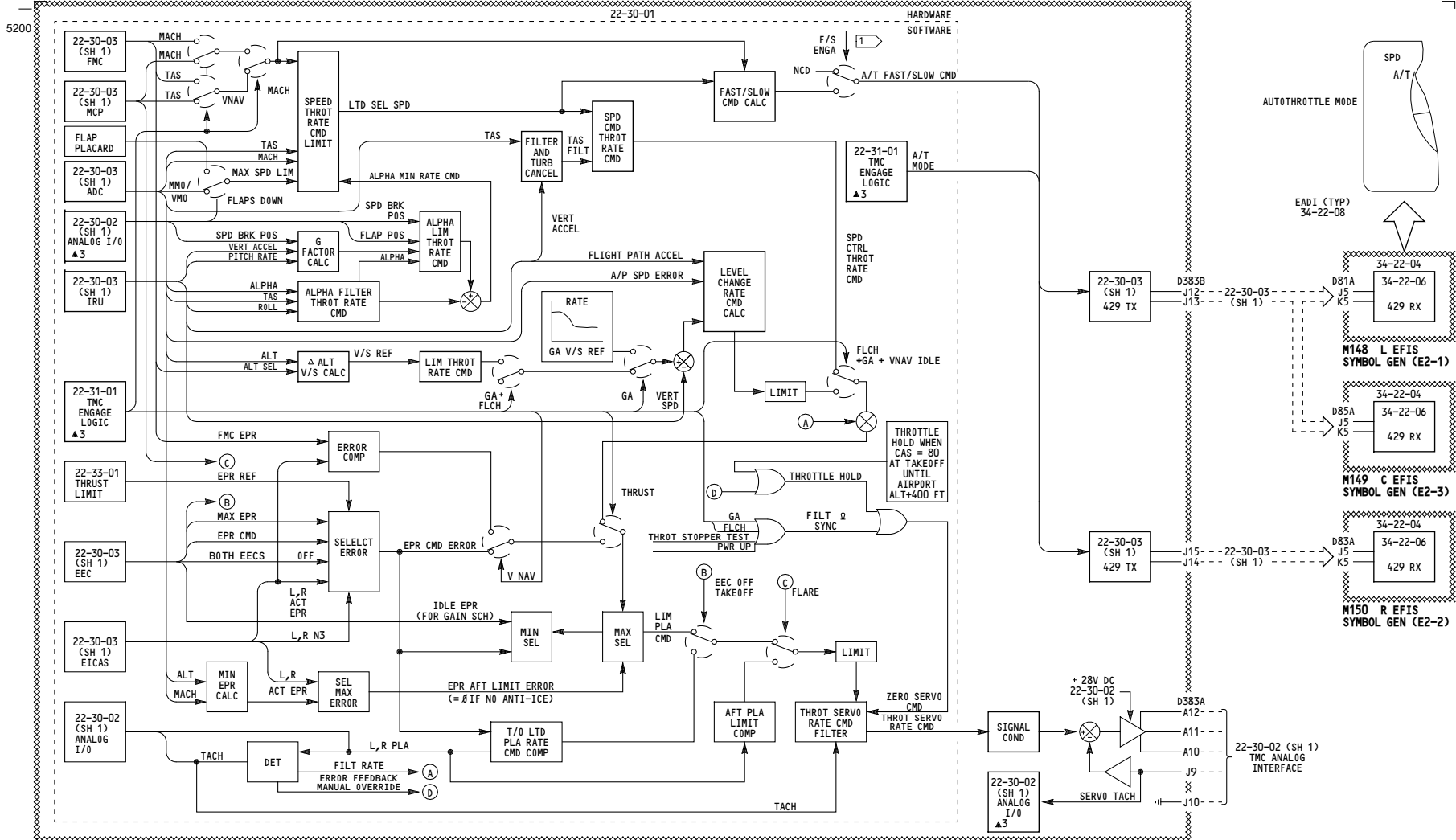
**THRUST MANAGEMENT  
COMPUTER - ENGAGE LOGIC**

D280N032S

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**M183 THRUST MANAGEMENT COMPUTER (E2-3)**

**NOTES:**  
 1 F/S ENGAGE WHEN TAS GOOD AND T/O F/D NOT ENGAGED AND A/T MODE NOT ENGAGED AND IN AIR.

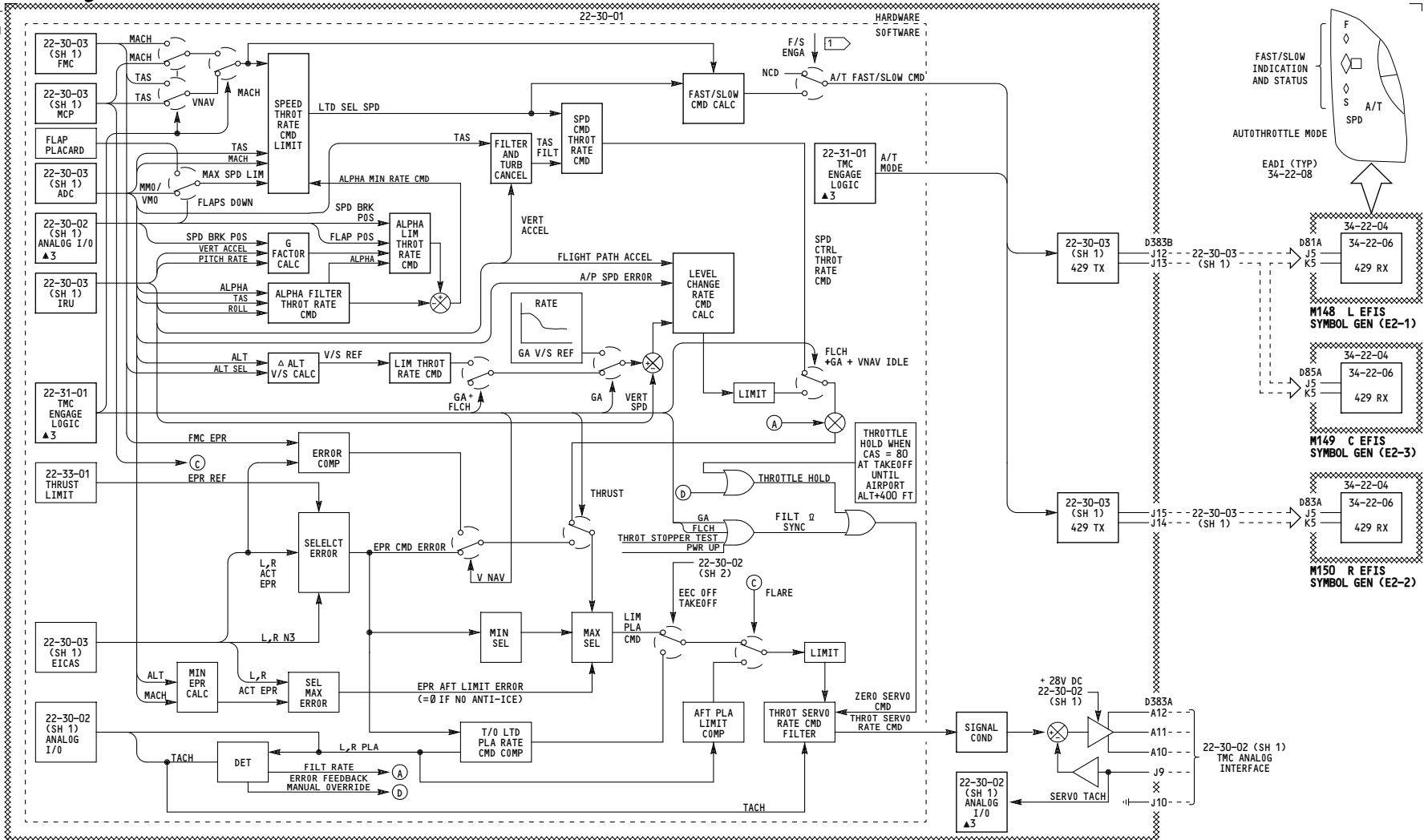
001-099	<b>THRUST MANAGEMENT COMPUTER - AUTO THROTTLE</b>
D280N032S	

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**M183 THRUST MANAGEMENT COMPUTER (E2-3)**

**NOTES:**

1 F/S ENGAGE WHEN TAS GOOD AND T/O F/D NOT ENGAGED AND A/T GA MODE NOT ENGAGED AND IN AIR.

115-199	<p><b>THRUST MANAGEMENT COMPUTER - AUTO THRUSTLE</b></p> <p>D280N032S</p>
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TABLE 1 MCDP PROGRAM PINS

PROGRAM OPTION	PINS GND	(D79A) GND	OPTION AS CONNECTED
H11	H6		ADC SW
H12	J6		FMC SW
H13	G6		TMC A/P DISCONNECT
H14	K6	X	FMC FLT FAULTS REPORTING
H15	F6		SPARE
A12	A6		SINGLE FMC
B13	C6		DUAL FCC
C13	E6	X	757-200
C14	D6		
C15	C2		
B14	B6	X	PARITY

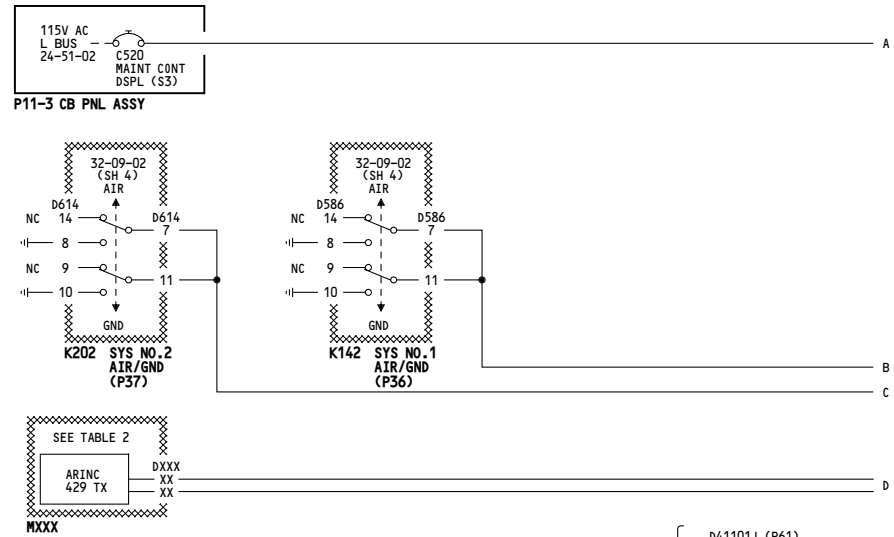


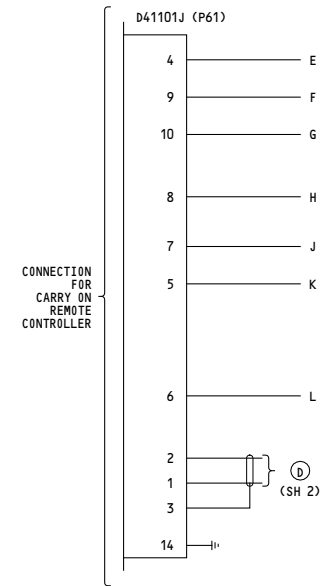
TABLE 2 DATA BUSES

SCHEMATIC REF.	MODULE NO.	DESCRIPTION	SHELF	MODULE FAULT DATA BUS PINS	MCDP DATA BUS PINS (D79A) INPUT	MCDP DATA BUS PINS (D79A) OUTPUT	MODULE GND TEST CONT PINS	GND MCDP D79A	TEST ENABLE MODULE DXXX
22-10-02	M139	L FCC	E1-3	D35B-C3 D35B-C4	A15 B15	A11 B11	D35A-A1 D35A-A2	C11	D35A-A3
22-10-04	M140	C FCC	E1-4	D55B-C3 D55B-C4	A1 B1	A10 B10	D55A-A1 D55A-A2	C10	D55A-A3
22-10-03	M141	R FCC	E1-5	D75B-C3 D75B-C4	J1 K1	A9 B9	D75A-A1 D75A-A2	C9	D75A-A3
22-32-01	M183	THRUST MGT COMPUTER	E1-3	D383B-H6 D383B-G6	A3 B3	A11 B11	D383A-F1 D383A-F2	E14	D383B-C15
34-61-03	M134	L FMC	E2-2	D173B-D7 D173B-E7	A4 B4	—	—	—	—
34-61-09	M135	R FMC	E2-3	D177B-D7 D177B-E7	J4 K4	—	—	—	—

NOTES:

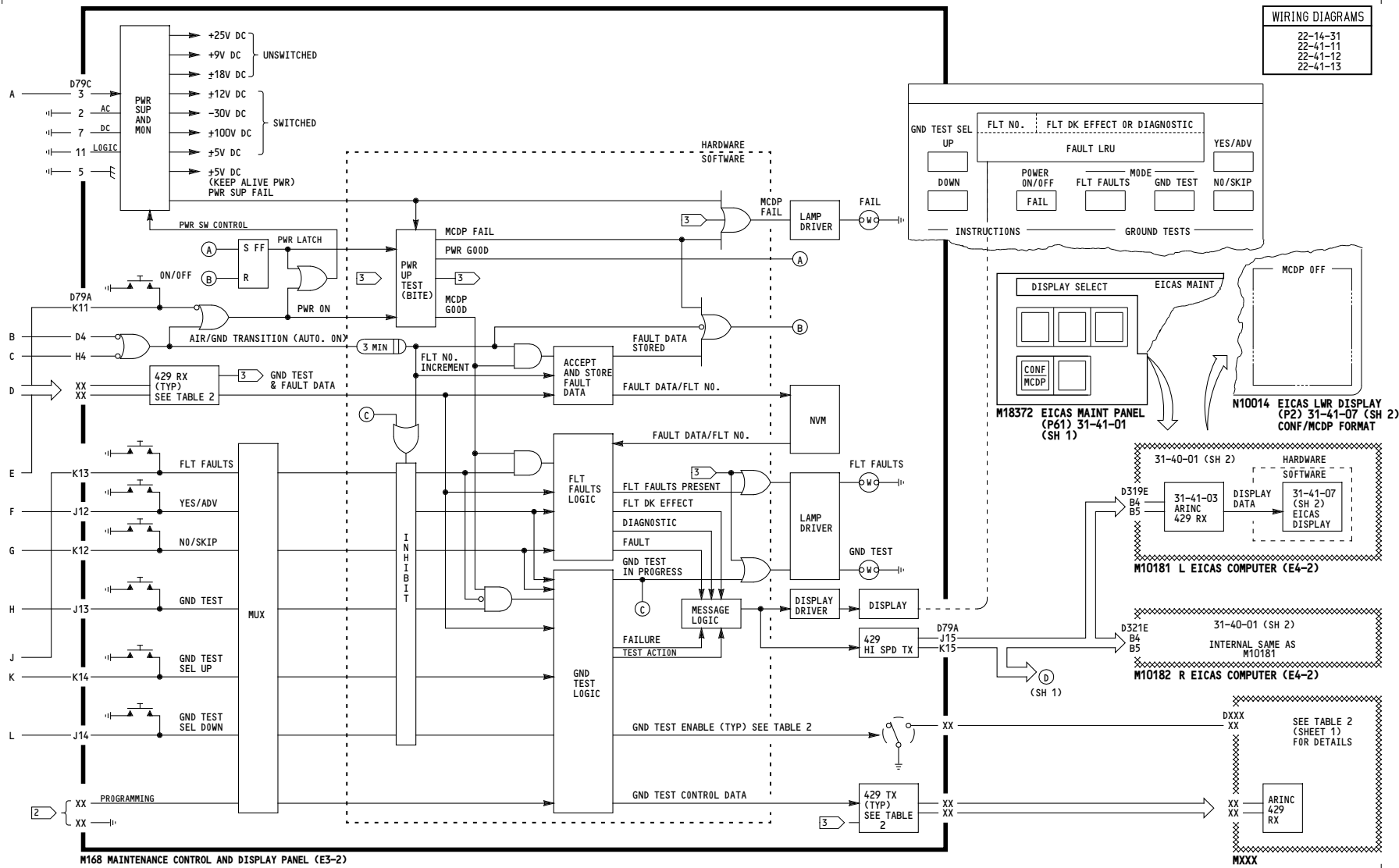
- 1 M139 L FCC AND M183 TMC SHARE A COMMON GND TEST DATA BUS.
- 2 FOR CONNECTIONS TO PROGRAM PINS, SEE TABLE 1.
- 3 BITE/WRAPAROUND

001-099	<b>MAINTENANCE CONTROL AND DISPLAY PANEL</b>
D280N032S	



**22-41-01**

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WIRING DIAGRAMS  
22-14-31  
22-41-11  
22-41-12  
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**MAINTENANCE CONTROL AND DISPLAY PANEL**

D280N032S

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TABLE 1 MCDP PROGRAM PINS

PROGRAM OPTION	PINS GND	(D79A) GND	OPTION AS CONNECTED
H11	H6		ADC SWITCHING
H12	J6		FMC SWITCHING
H13	G6		TMC A/P DISCONNECT
H14	K6	X	FMC FLT FAULTS REPORTING
H15	F6		SPARE
A12	A6		SINGLE FMC
B13	C6		DUAL FCC
C13	E6	X	757-200
C14	D6		
C15	C2		
B14	B6	X	PARITY

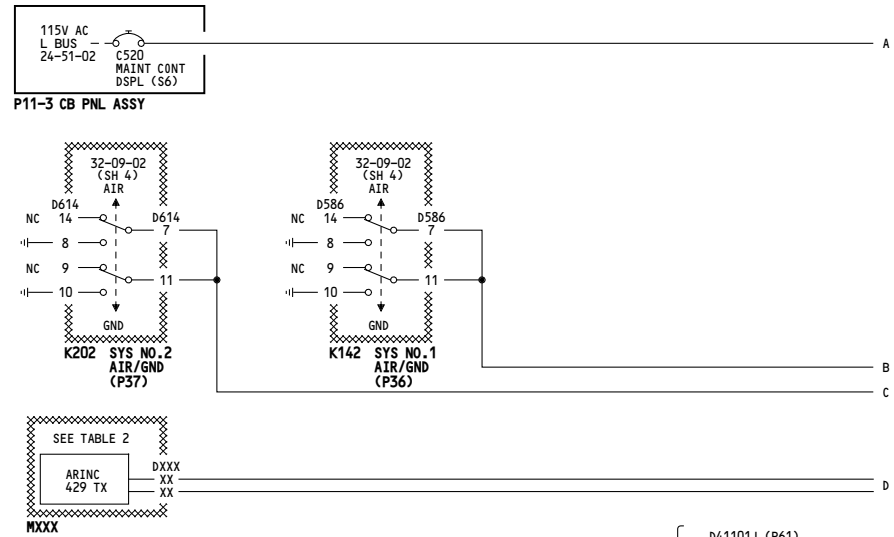
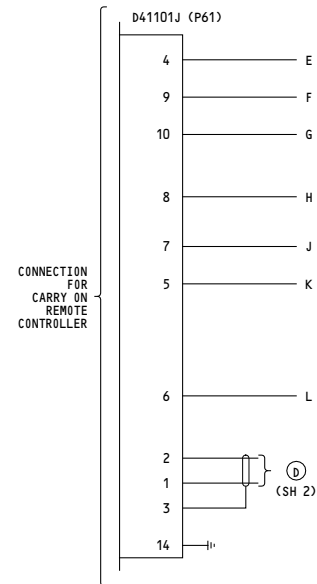


TABLE 2 DATA BUSES

SCHEMATIC REF.	MODULE NO.	DESCRIPTION	SHELF	MODULE FAULT DATA BUS PINS	MCDP DATA BUS PINS (D79A) INPUT	MODULE GND TEST CONT PINS	GND MCDP D79A	TEST ENABLE MODULE DXXX
22-10-02	M139	L FCC	E1-3	D35B-C3 D35B-C4	A15 B15	A11 B11	D35A-A1 D35A-A2	C11 D35A-A3
22-10-04	M140	C FCC	E1-4	D55B-C3 D55B-C4	A1 B1	A10 B10	D55A-A1 D55A-A2	C10 D55A-A3
22-10-03	M141	R FCC	E1-5	D75B-C3 D75B-C4	J1 K1	A9 B9	D75A-A1 D75A-A2	C9 D75A-A3
22-32-01	M183	THRUST MGT COMPUTER	E1-3	D383B-H6 D383B-G6	A3 B3	A11 B11	D383A-F1 D383A-F2	E14 D383B-C15
34-61-03	M134	L FMC	E2-2	D173B-D7 D173B-E7	A4 B4	—	—	—
34-61-09	M135	R FMC	E2-3	D177B-D7 D177B-E7	J4 K4	—	—	—

NOTES:

- 1 M139 L FCC AND M183 TMC SHARE A COMMON GND TEST DATA BUS.
- 2 FOR CONNECTIONS TO PROGRAM PINS, SEE TABLE 1.
- 3 BITE/WRAPAROUND



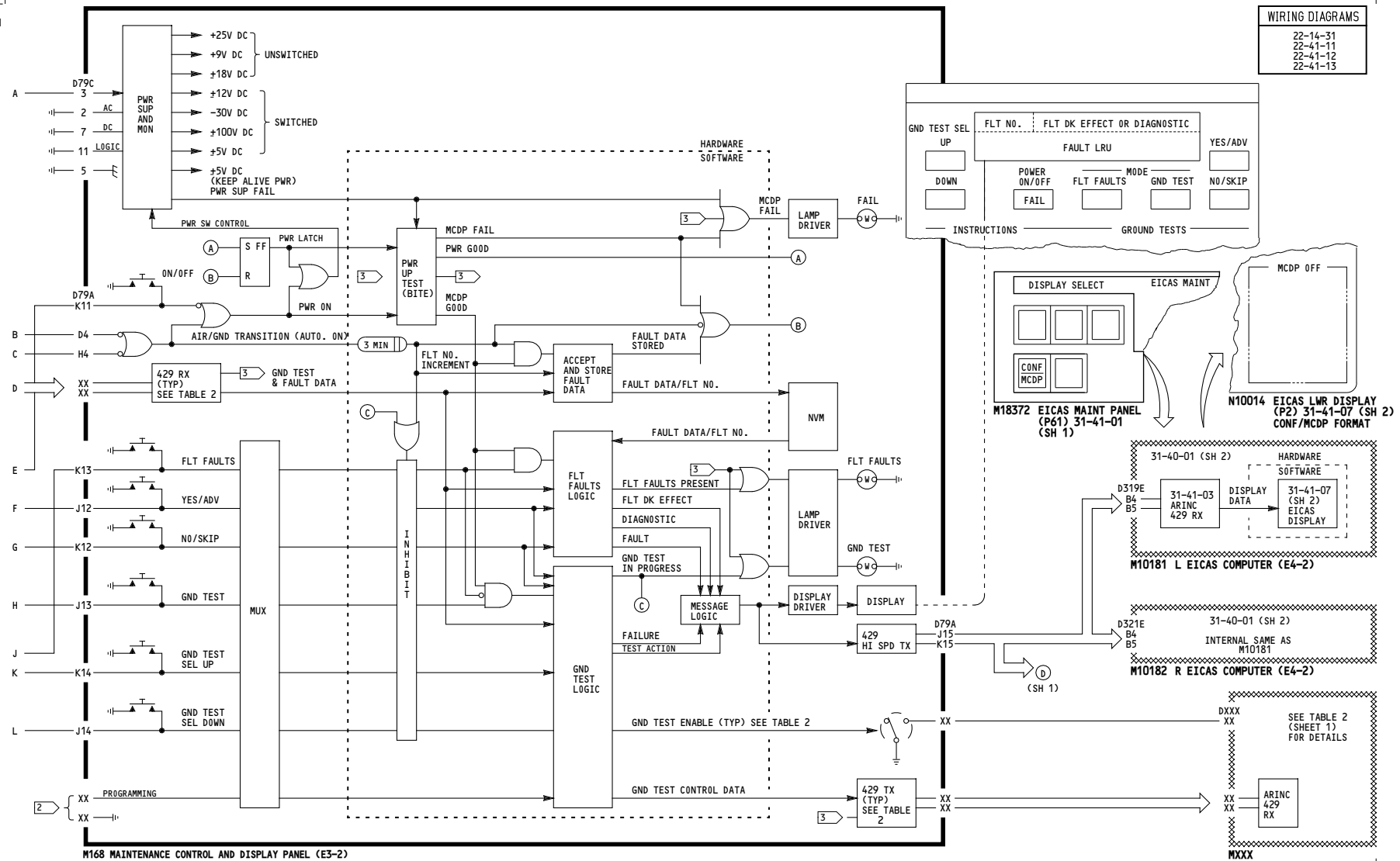
115-199

MAINTENANCE CONTROL AND DISPLAY PANEL

D280N032S

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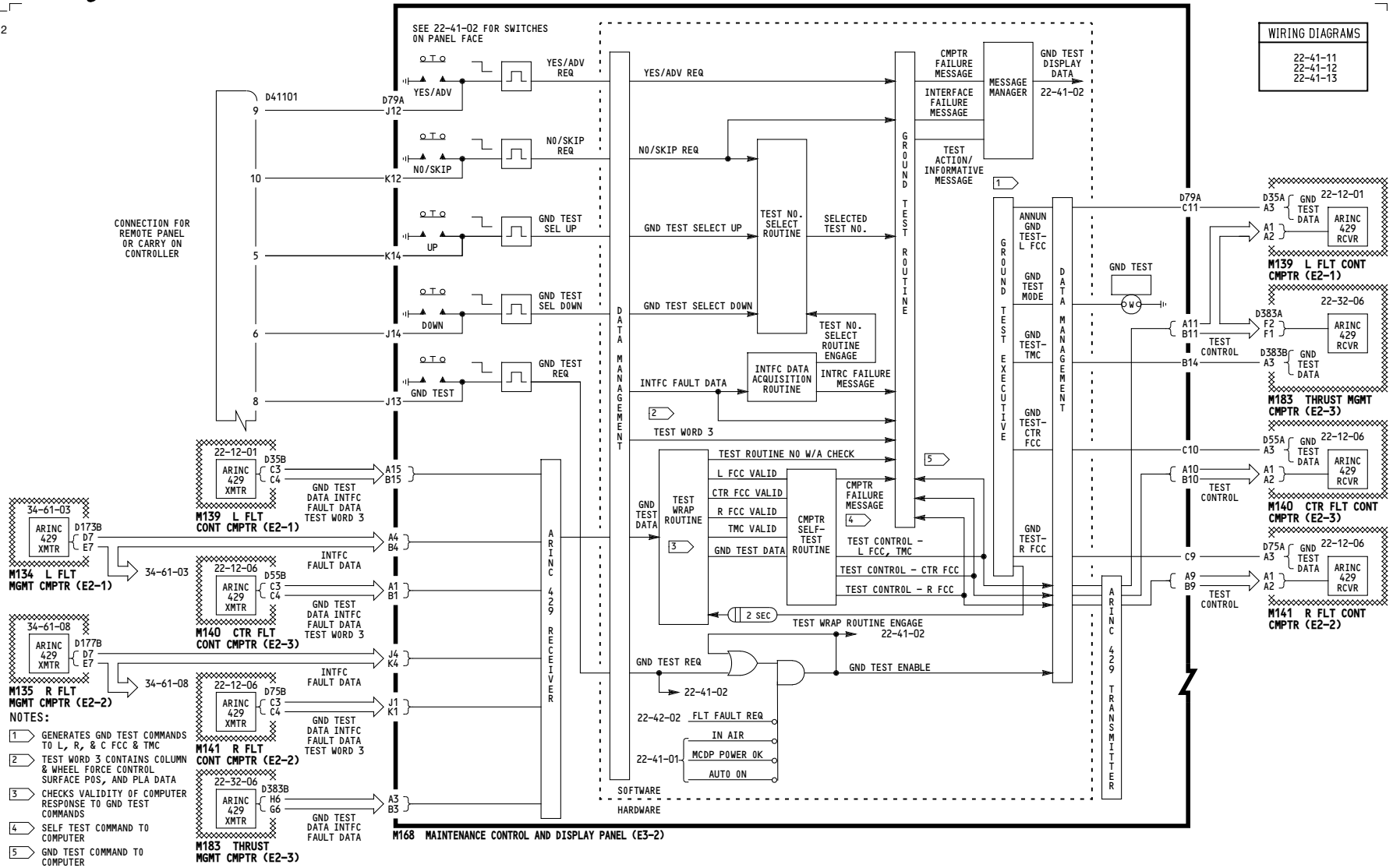


<p>115-199</p>	<p><b>MAINTENANCE CONTROL AND DISPLAY PANEL</b></p> <p>D280N032S</p>
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**MAINTENANCE CONTROL AND DISPLAY PANEL - GROUND TEST MODE**

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