

CHAPTER

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NAVIGATION



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		15		Feb 06/2009	34-13-01		101	1	Jan 21/2005
		16		Feb 06/2009				2	Jan 21/2005
		17		Feb 06/2009			102	1	Jan 21/2005
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	101.1			Jan 21/2005			105.1A	1	Mar 14/2007
	102.1A			Jan 21/2005				2	Mar 14/2007
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	107.1			Jan 21/2005			104		Jan 21/2005
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	108			Jan 21/2005	34-22-00				
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34-21-02							102		Jan 21/2005
	101.1		1	Jan 21/2005			103		Jan 21/2005
			2	Jan 21/2005	34-22-01				
	102.1		1	Jan 21/2005			101		Jan 21/2005
			2	Jan 21/2005			102		Jan 21/2005
	103.1		1	Jan 21/2005			103		Jan 21/2005
			2	Jan 21/2005	34-22-02				
	104		1	Jan 21/2005			101		Jan 21/2005
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		101A		Jan 21/2005				4	Jan 21/2005
		102		Jan 21/2005		102A		1	Jan 21/2005
34-22-04								2	Jan 21/2005
		101		Jan 21/2005				3	Jan 21/2005
		102		Jan 21/2005				4	Jan 21/2005
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		101	1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005				3	Jan 21/2005
		102	1	Jan 21/2005				4	Jan 21/2005
			2	Jan 21/2005		104A		1	Jan 21/2005
34-22-06								2	Jan 21/2005
		101	1	Jan 21/2005				3	Jan 21/2005
			2	Jan 21/2005				4	Jan 21/2005
		102A	1	Jan 21/2005		105A		1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
		103.1A	1	Jan 21/2005				3	Jan 21/2005
			2	Jan 21/2005				4	Jan 21/2005
		104A	1	Jan 21/2005		106A		1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
34-22-07								3	Jan 21/2005
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			4	Jan 21/2005	34-31-03				
	108A		1	Jan 21/2005			101		Jan 21/2005
			2	Jan 21/2005	34-32-01				
			3	Jan 21/2005			101		Jan 21/2005
34-22-08							102		Jan 21/2005
	101		1	Jan 21/2005	34-33-01				
			2	Jan 21/2005			101		Jan 21/2005
	102		1	Jan 21/2005			102.1		Jan 21/2005
			2	Jan 21/2005			103		Jan 21/2005
	103		1	Jan 21/2005			103.1		Jan 21/2005
			2	Jan 21/2005			104		Jan 21/2005
34-22-09					34-33-02				
	101			Jan 21/2005			101		Jan 21/2005
	102			Jan 21/2005			102.1		Jan 21/2005
34-24-01							103		Jan 21/2005
	101			Jan 21/2005			103.1		Jan 21/2005
	102.1A			Jan 21/2005			104		Jan 21/2005
	103A			Jan 21/2005	34-33-03				
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	102A		1	Jan 21/2005		105A		1	Jan 21/2005
			2	Jun 28/2006				2	Jan 21/2005
34-45-01								3	Jan 21/2005
	101A			Jan 21/2005				4	Jan 21/2005
	102.1A			Jan 21/2005				5	Jan 21/2005
	103.1A			Jan 21/2005	34-51-01				
	104A			Jan 21/2005			101		Jan 21/2005
	105A			Jan 21/2005			102		Jan 21/2005
34-46-01					34-51-02				
	101A		1	Jan 21/2005			101		Jan 21/2005
			2	Jan 21/2005			102		Jan 21/2005
	102A		1	Jan 21/2005	34-53-01				
			2	Jan 21/2005			101.1		Jan 21/2005
			3	Jan 21/2005			102.1		Jan 21/2005
			4	Jan 21/2005			103.1A		Jan 21/2005
			5	Jan 21/2005			104		Jan 21/2005
	103A		1	Jan 21/2005			105.1A		Mar 14/2007
			2	Jan 21/2005			106A		Mar 14/2007
	104A		1	Jan 21/2005	34-53-02				
			2	Jan 21/2005			101		Jan 21/2005
			3	Jan 21/2005			102.1A		Jan 21/2005

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		105.1A		Mar 14/2007			102.1	1	Jan 21/2005
		106A		Mar 14/2007				2	Jan 21/2005
34-53-03							103.1	1	Jan 21/2005
		101		Feb 06/2009				2	Jan 21/2005
		102.1		Feb 06/2009			104	1	Jan 21/2005
34-55-01								2	Jan 21/2005
		101A		Jan 21/2005	34-60-02				
		102.1A		Jan 21/2005			101	1	Jan 21/2005
		103		Jan 21/2005				2	Jan 21/2005
		104A		Jan 21/2005				3	Jan 21/2005
		105.1A		Jan 21/2005			102	1	Jan 21/2005
34-55-02								2	Jan 21/2005
		101A		Jan 21/2005				3	Jan 21/2005
		102.1A		Jan 21/2005			103.1	1	Jan 21/2005
		103		Jan 21/2005				2	Jan 21/2005
		104A		Jan 21/2005				3	Jan 21/2005
		105.1A		Jan 21/2005			104.1	1	Jan 21/2005
34-57-01								2	Jan 21/2005
		101		Jan 21/2005				3	Jan 21/2005
34-57-02							105	1	Jan 21/2005
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34-61-01							104.2B	1	Jan 21/2005
	101		1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005				3	Jan 21/2005
	101.1		1	Jan 21/2005			104.3C	1	May 20/2005
			2	Jan 21/2005				2	May 20/2005
	102.1		1	Jan 21/2005				3	May 20/2005
			2	Jan 21/2005			104.4D	1	May 20/2005
	102.2		1	Jan 21/2005				2	May 20/2005
			2	Jan 21/2005				3	May 20/2005
	103.1		1	Jan 21/2005			104.5E	1	May 20/2005
			2	Jan 21/2005				2	May 20/2005
	103.2A		1	Jan 21/2005				3	May 20/2005
			2	Jan 21/2005			105	1	Jan 21/2005
	103.3		1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005			105.1A	1	Jan 21/2005
	103.4B		1	Jan 21/2005				2	Mar 14/2007
			2	Mar 14/2007			106	1	Jan 21/2005
	104		1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005				3	Jan 21/2005
			3	Jan 21/2005			106.1A	1	Jan 21/2005
	104.1A		1	Jan 21/2005				2	Jan 21/2005
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			2	Jan 21/2005				2	Jan 21/2005
		108.1A	1	Jan 21/2005			110.1A	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
		109.1A	1	Jan 21/2005			111.1A	1	Mar 09/2006
			2	Jan 21/2005				2	Jan 21/2005
34-61-02					34-61-03				
		101	1	Jan 21/2005			101	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
		102.1A	1	Jan 21/2005			102.1	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
		103.1	1	Jan 21/2005			103.1	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
		104A	1	Jan 21/2005			103.2A	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
		105A	1	Jan 21/2005			103.3	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
		106A	1	Jan 21/2005			103.4B	1	Mar 14/2007
			2	Jan 21/2005				2	Jan 21/2005
		107A	1	Jan 21/2005			104	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
		108A	1	Jan 21/2005			104.1A	1	Jan 21/2005
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			2	Jan 21/2005				3	Jan 21/2005
	104.3C		1	Jan 21/2005		101.2		1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
	105		1	Jan 21/2005				3	Jan 21/2005
			2	Jan 21/2005		102.1		1	Jan 21/2005
	105.1A		1	Mar 14/2007				2	Jan 21/2005
			2	Jan 21/2005				3	Jan 21/2005
	106		1	Jan 21/2005		102.2A		1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
	106.1A		1	Jan 21/2005				3	Jan 21/2005
			2	Jan 21/2005		103.1		1	Jan 21/2005
	107.1A		1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005				3	Jan 21/2005
	108.1A		1	Jan 21/2005		103.2		1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
	109.1A		1	Jan 21/2005				3	Jan 21/2005
			2	Jan 21/2005		103.3		1	Jan 21/2005
34-61-04								2	Jan 21/2005
	101		1	Jan 21/2005				3	Jan 21/2005
			2	Jan 21/2005		104		1	Jan 21/2005
			3	Jan 21/2005				2	Jan 21/2005
	101.1		1	Jan 21/2005				3	Jan 21/2005

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			2	Jan 21/2005			108	1	Jan 21/2005
			3	Jan 21/2005				2	Jan 21/2005
	104.2B		1	Jan 21/2005				3	Jan 21/2005
			2	Jan 21/2005		108.1A		1	Jan 21/2005
			3	Jan 21/2005				2	Jan 21/2005
	105		1	Jan 21/2005				3	Jan 21/2005
			2	Jan 21/2005		109.1A		1	Jan 21/2005
			3	Jan 21/2005				2	Jan 21/2005
	105.1A		1	Jan 21/2005				3	Mar 14/2007
			2	Jan 21/2005		110.1A		1	Jan 21/2005
			3	Jan 21/2005				2	Mar 09/2006
	106		1	Jan 21/2005				3	Mar 14/2007
			2	Jan 21/2005	34-61-05				
			3	Jan 21/2005		101			Jan 21/2005
	106.1A		1	Jan 21/2005		102A			Jan 21/2005
			2	Jan 21/2005					
			3	Jan 21/2005					
	107		1	Jan 21/2005					
			2	Jan 21/2005					
			3	Jan 21/2005					
	107.1		1	Jan 21/2005					
			2	Jan 21/2005					

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	103.1			1	Jan 21/2005	157
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	104			1	Jan 21/2005	275-276
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	105			1	Jan 21/2005	277-299
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			102A	1	Jan 21/2005	150 152-167 277-278			
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			103.1A	1	Jan 21/2005	275-276			
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			EFIS ELECTRONIC HORIZONTAL SITUATION INDICATOR	34-22-07		101A	1	Jan 21/2005	050-051
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102A	3	Jan 21/2005				050-051			
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			106A	1	Jan 21/2005	275-276
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				102	Jan 21/2005	051-099 155-157 277-299	
<u>STANDBY ATTITUDE REFERENCE SYSTEM</u>							
STANDBY ATTITUDE INSTRUMENT LANDING SYSTEM INDICATOR	34-24-01		101		Jan 21/2005	050-099	
				102.1A	Jan 21/2005	150-152	
				103A	Jan 21/2005	153-167	
				104A	Jan 21/2005	275-280	
<u>INSTRUMENT LANDING SYSTEM</u>							
INSTRUMENT LANDING SYSTEM LEFT	34-31-01		101		Jan 21/2005	ALL	
INSTRUMENT LANDING SYSTEM RIGHT	34-31-02		101		Jan 21/2005	ALL	
INSTRUMENT LANDING SYSTEM CENTER	34-31-03		101		Jan 21/2005	ALL	
<u>MARKER BEACON SYSTEM</u>							
MARKER BEACON	34-32-01		101		Jan 21/2005	050-099	
				102	Jan 21/2005	150-199 275-299	



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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity	
<u>RADIO ALTIMETER SYSTEM</u>							
RADIO ALTIMETER- LEFT	34-33-01		101		Jan 21/2005	050-099 162-199	
			102.1		Jan 21/2005	150-152 275-276	
			103		Jan 21/2005	153-157	
			103.1		Jan 21/2005	153-154	
			104		Jan 21/2005	277-299	
RADIO ALTIMETER- RIGHT	34-33-02		101		Jan 21/2005	050-099 162-199	
			102.1		Jan 21/2005	150-152 275-276	
			103		Jan 21/2005	153-157	
			103.1		Jan 21/2005	153-154	
			104		Jan 21/2005	277-299	
RADIO ALTIMETER- CENTER	34-33-03		101		Jan 21/2005	050-099 150-199 275-276	
			102		Jan 21/2005	277-299	
<u>WEATHER RADAR SYSTEM</u>							
WEATHER RADAR	34-43-01		101	1	Jan 21/2005	050-099 151	
					2	Jan 21/2005	050-099 151
			102A	1	Jan 21/2005	150 152-280	
				2	Jun 28/2006	150 152-280	
<u>TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (TCAS)</u>							
TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (TCAS)	34-45-01		101A		Jan 21/2005	050-051	
			102.1A		Jan 21/2005	150 152 275-276	
			103.1A		Jan 21/2005	151	



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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (TCAS) (cont.)	34-45-01		104A		Jan 21/2005	153-154
			105A		Jan 21/2005	155-167 277-280
<u>GROUND PROXIMITY WARNING SYSTEM</u>						
GROUND PROXIMITY WARNING	34-46-01		101A	1	Jan 21/2005	050-051
				2	Jan 21/2005	050-051
			102A	1	Jan 21/2005	150 152-154 275-276
				2	Jan 21/2005	150 152-154 275-276
				3	Jan 21/2005	150 152-154 275-276
				4	Jan 21/2005	150 152-154 275-276
				5	Jan 21/2005	150 152-154 275-276
			103A	1	Jan 21/2005	151
				2	Jan 21/2005	151
			104A	1	Jan 21/2005	155-166 277-280
				2	Jan 21/2005	155-166 277-280
				3	Jan 21/2005	155-166 277-280
				4	Jan 21/2005	155-166 277-280
				5	Jan 21/2005	155-166 277-280
			105A	1	Jan 21/2005	167
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3	Jan 21/2005	167				
4	Jan 21/2005	167				
5	Jan 21/2005	167				

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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
<u>VHF OMNIDIRECTIONAL RANGE (VOR) SYSTEM</u>						
VHF OMNI-RANGE (VOR)- LEFT	34-51-01		101		Jan 21/2005	050-099 150-199
			102		Jan 21/2005	275-299
VHF OMNI-RANGE (VOR)- RIGHT	34-51-02		101		Jan 21/2005	050-099 150-199
			102		Jan 21/2005	275-299
<u>AIR TRAFFIC CONTROL SYSTEM</u>						
AIR TRAFFIC CONTROL SYSTEM- LEFT	34-53-01		101.1		Jan 21/2005	050-051 155 162-165
			102.1		Jan 21/2005	150-152
			103.1A		Jan 21/2005	153-154
			104		Jan 21/2005	156-157 166-199
			105.1A		Mar 14/2007	275-276
			106A		Mar 14/2007	277-280
AIR TRAFFIC CONTROL SYSTEM- RIGHT	34-53-02		101		Jan 21/2005	050-099
			102.1A		Jan 21/2005	150-152
			103.1A		Jan 21/2005	153-154
			104		Jan 21/2005	155-199
			105.1A		Mar 14/2007	275-276
			106A		Mar 14/2007	277-280
MODE S ANTENNA SWITCHING & PROGRAM PINS	34-53-03		101		Feb 06/2009	050-099 155-199 275-299
			102.1		Feb 06/2009	150-154
<u>DISTANCE MEASURING EQUIPMENT (DME) SYSTEM</u>						
DISTANCE MEASURING EQUIPMENT- LEFT	34-55-01		101A		Jan 21/2005	050-051 155-156 162-166
			102.1A		Jan 21/2005	150-152



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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity		
DISTANCE MEASURING EQUIPMENT- LEFT (cont.)	34-55-01		103		Jan 21/2005	153-154		
			104A		Jan 21/2005	157 167 277-280		
			105.1A		Jan 21/2005	275-276		
DISTANCE MEASURING EQUIPMENT- RIGHT	34-55-02		101A		Jan 21/2005	050-051 155-156 162-166		
			102.1A		Jan 21/2005	150-152		
			103		Jan 21/2005	153-154		
			104A		Jan 21/2005	157 167 277-280		
			105.1A		Jan 21/2005	275-276		
<u>AUTOMATIC DIRECTION FINDER SYSTEM</u>								
AUTOMATIC DIRECTION FINDER- LEFT	34-57-01		101		Jan 21/2005	ALL		
AUTOMATIC DIRECTION FINDER- RIGHT	34-57-02		101		Jan 21/2005	ALL		
<u>FLIGHT MANAGEMENT COMPUTING</u>								
FLIGHT MANAGEMENT COMPUTER	34-60-01		101	1	Jan 21/2005	050-099 150-199		
				2	Jan 21/2005	050-099 150-199		
			102.1	1	Jan 21/2005	275-276		
				2	Jan 21/2005	275-276		
			103.1	1	Jan 21/2005	277		
				2	Jan 21/2005	277		
			104	1	Jan 21/2005	278-299		
				2	Jan 21/2005	278-299		
		FLIGHT MANAGEMENT COMPUTER SYSTEM MAINTENANCE INDEX	34-60-02		101	1	Jan 21/2005	050-099 155-199
						2	Jan 21/2005	050-099 155-199



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			102	1	Jan 21/2005	150-154		
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					3	Jan 21/2005	150-154	
			103.1	1	Jan 21/2005	275-276		
					2	Jan 21/2005	275-276	
					3	Jan 21/2005	275-276	
			104.1	1	Jan 21/2005	277		
					2	Jan 21/2005	277	
					3	Jan 21/2005	277	
			105	1	Jan 21/2005	278-299		
					2	Jan 21/2005	278-299	
					3	Jan 21/2005	278-299	
		<u>FLIGHT MANAGEMENT COMPUTER SYSTEM</u>						
		FLIGHT MANAGEMENT COMPUTER INPUTS- LEFT	34-61-01		101	1	Jan 21/2005	050
					2	Jan 21/2005	050	
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					2	Jan 21/2005	050	
	102.1			1	Jan 21/2005	051		
					2	Jan 21/2005	051	
	102.2			1	Jan 21/2005	051		
					2	Jan 21/2005	051	



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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
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				2	Jan 21/2005	150-154
			103.2A	1	Jan 21/2005	150 154
				2	Jan 21/2005	150 154
			103.3	1	Jan 21/2005	151-152
				2	Jan 21/2005	151-152
			103.4B	1	Jan 21/2005	153
				2	Mar 14/2007	153
			104	1	Jan 21/2005	155-156 162-166
				2	Jan 21/2005	155-156 162-166
				3	Jan 21/2005	155-156 162-166
			104.1A	1	Jan 21/2005	155
				2	Jan 21/2005	155
				3	Jan 21/2005	155
			104.2B	1	Jan 21/2005	156
				2	Jan 21/2005	156
				3	Jan 21/2005	156
			104.3C	1	May 20/2005	162-164
				2	May 20/2005	162-164
				3	May 20/2005	162-164
			104.4D	1	May 20/2005	165
				2	May 20/2005	165



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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity	
FLIGHT MANAGEMENT COMPUTER INPUTS- LEFT (cont.)	34-61-01			3	May 20/2005	165	
			104.5E	1	May 20/2005	166	
					2	May 20/2005	166
					3	May 20/2005	166
				105	1	Jan 21/2005	157
					2	Jan 21/2005	157
				105.1A	1	Jan 21/2005	157
					2	Mar 14/2007	157
				106	1	Jan 21/2005	167-199
					2	Jan 21/2005	167-199
					3	Jan 21/2005	167-199
				106.1A	1	Jan 21/2005	167
					2	Jan 21/2005	167
					3	Jan 21/2005	167
				107.1A	1	Jan 21/2005	275
					2	Jan 21/2005	275
				108.1A	1	Jan 21/2005	276
					2	Jan 21/2005	276
				109.1A	1	Jan 21/2005	277-280
					2	Jan 21/2005	277-280
FLIGHT MANAGEMENT COMPUTER OUTPUTS- LEFT	34-61-02		101	1	Jan 21/2005	050-099	
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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
FLIGHT MANAGEMENT COMPUTER OUTPUTS- LEFT (cont.)	34-61-02		102.1A	1	Jan 21/2005	150 153-154
				2	Jan 21/2005	150 153-154
			103.1	1	Jan 21/2005	151-152
				2	Jan 21/2005	151-152
			104A	1	Jan 21/2005	155
				2	Jan 21/2005	155
			105A	1	Jan 21/2005	156 166
				2	Jan 21/2005	156 166
			106A	1	Jan 21/2005	157
				2	Jan 21/2005	157
			107A	1	Jan 21/2005	162-165
				2	Jan 21/2005	162-165
			108A	1	Jan 21/2005	167
				2	Jan 21/2005	167
			109.1A	1	Jan 21/2005	275-276
				2	Jan 21/2005	275-276
			110.1A	1	Jan 21/2005	277-278
				2	Jan 21/2005	277-278
			111.1A	1	Mar 09/2006	280
				2	Jan 21/2005	280
FLIGHT MANAGEMENT COMPUTER INPUTS- RIGHT	34-61-03		101	1	Jan 21/2005	050
				2	Jan 21/2005	050



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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
FLIGHT MANAGEMENT COMPUTER INPUTS- RIGHT (cont.)	34-61-03		102.1	1	Jan 21/2005	051
				2	Jan 21/2005	051
			103.1	1	Jan 21/2005	150-154
				2	Jan 21/2005	150-154
			103.2A	1	Jan 21/2005	150 154
				2	Jan 21/2005	150 154
			103.3	1	Jan 21/2005	151-152
				2	Jan 21/2005	151-152
			103.4B	1	Mar 14/2007	153
				2	Jan 21/2005	153
			104	1	Jan 21/2005	155-156 162-166
				2	Jan 21/2005	155-156 162-166
			104.1A	1	Jan 21/2005	155
				2	Jan 21/2005	155
			104.2B	1	Jan 21/2005	156 166
				2	Jan 21/2005	156 166
			104.3C	1	Jan 21/2005	162-165
				2	Jan 21/2005	162-165
			105	1	Jan 21/2005	157
				2	Jan 21/2005	157
105.1A	1	Mar 14/2007	157			
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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity			
FLIGHT MANAGEMENT COMPUTER INPUTS- RIGHT (cont.)	34-61-03		106	1	Jan 21/2005	167-199			
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			108.1A	1	Jan 21/2005	276			
				2	Jan 21/2005	276			
			109.1A	1	Jan 21/2005	277-280			
				2	Jan 21/2005	277-280			
			FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT	34-61-04		101	1	Jan 21/2005	050-099
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							3	Jan 21/2005	050-099
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	3	Jan 21/2005				050			
101.2	1	Jan 21/2005				051			
	2	Jan 21/2005				051			
	3	Jan 21/2005				051			
102.1	1	Jan 21/2005				150 153-154			
	2	Jan 21/2005				150 153-154			
	3	Jan 21/2005				150 153-154			



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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT (cont.)	34-61-04		102.2A	1	Jan 21/2005	150 153-154
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				3	Jan 21/2005	150 153-154
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				3	Jan 21/2005	155 162
			104.1A	1	Jan 21/2005	155
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				3	Jan 21/2005	155
			104.2B	1	Jan 21/2005	162
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				3	Jan 21/2005	162
			105	1	Jan 21/2005	156 166



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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT (cont.)	34-61-04			2	Jan 21/2005	156 166
				3	Jan 21/2005	156 166
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				3	Jan 21/2005	156 166
			106	1	Jan 21/2005	157
				2	Jan 21/2005	157
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			106.1A	1	Jan 21/2005	157
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		AIRBORNE DATA LOADER INPUTS/OUTPUTS	34-61-05		101		Jan 21/2005	050-099 155-199
					102A		Jan 21/2005	275-280

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CH-SC-SU	Title
34-12-01	AIR DATA COMPUTER- LEFT
34-12-02	AIR DATA COMPUTER- RIGHT
34-13-01	AIR DATA INSTRUMENTS LEFT AND RIGHT
34-53-01	AIR TRAFFIC CONTROL SYSTEM- LEFT
34-53-02	AIR TRAFFIC CONTROL SYSTEM- RIGHT
34-61-05	AIRBORNE DATA LOADER INPUTS/OUTPUTS
34-16-01	ALTITUDE ALERT
34-57-01	AUTOMATIC DIRECTION FINDER- LEFT
34-57-02	AUTOMATIC DIRECTION FINDER- RIGHT
34-55-01	DISTANCE MEASURING EQUIPMENT- LEFT
34-55-02	DISTANCE MEASURING EQUIPMENT- RIGHT
34-22-06	EFIS BUS INPUTS
34-22-08	EFIS ELECTRONIC ATTITUDE DIRECTOR INDICATOR
34-22-07	EFIS ELECTRONIC HORIZONTAL SITUATION INDICATOR
34-22-05	EFIS POWER DISTRIBUTION AND INSTRUMENTS LIGHTING
34-22-04	EFIS SYMBOL GENERATOR
34-22-00	FLIGHT INSTRUMENTS - SIMPLIFIED
34-22-09	FLIGHT INSTRUMENTS SWITCHING AND MONITOR
34-60-01	FLIGHT MANAGEMENT COMPUTER

CH-SC-SU	Title
34-61-01	FLIGHT MANAGEMENT COMPUTER INPUTS- LEFT
34-61-03	FLIGHT MANAGEMENT COMPUTER INPUTS- RIGHT
34-61-02	FLIGHT MANAGEMENT COMPUTER OUTPUTS- LEFT
34-61-04	FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT
34-60-02	FLIGHT MANAGEMENT COMPUTER SYSTEM MAINTENANCE INDEX
34-46-01	GROUND PROXIMITY WARNING
34-21-03	INERTIAL REFERENCE- CENTER
34-21-01	INERTIAL REFERENCE- LEFT
34-21-02	INERTIAL REFERENCE- RIGHT
34-31-03	INSTRUMENT LANDING SYSTEM CENTER
34-31-01	INSTRUMENT LANDING SYSTEM LEFT
34-31-02	INSTRUMENT LANDING SYSTEM RIGHT
34-32-01	MARKER BEACON
34-53-03	MODE S ANTENNA SWITCHING & PROGRAM PINS
34-11-01	PITOT STATIC
34-33-03	RADIO ALTIMETER- CENTER
34-33-01	RADIO ALTIMETER- LEFT
34-33-02	RADIO ALTIMETER- RIGHT

34-ALPHABETICAL INDEX

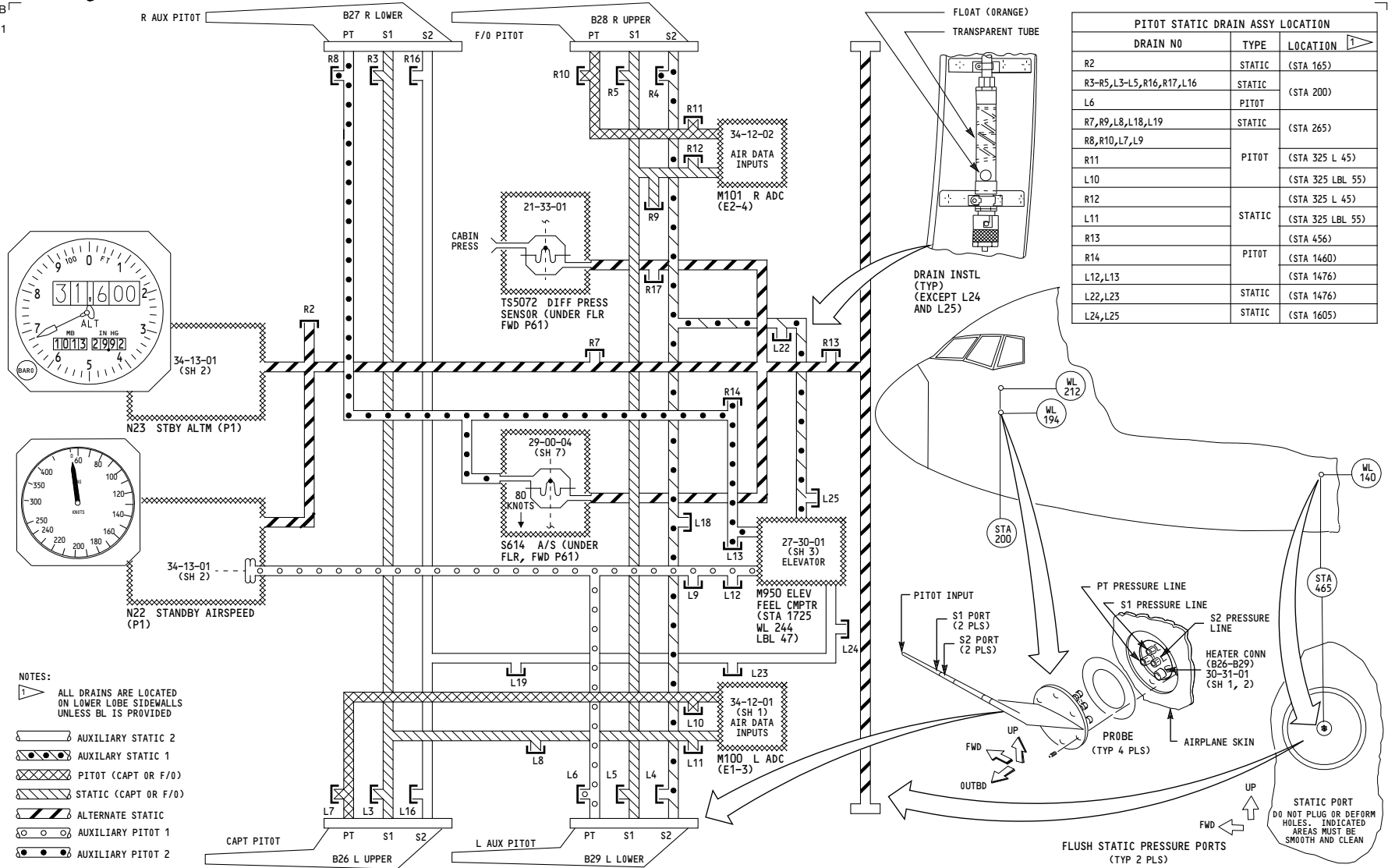
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NAVIGATION**

CH-SC-SU	Title
34-22-01	RADIO DISTANCE MAGNETIC INDICATOR, BEARING HEADING AND DISTANCE
34-22-02	RADIO DISTANCE MAGNETIC INDICATOR, BEARING HEADING AND DISTANCE
34-24-01	STANDBY ATTITUDE INSTRUMENT LANDING SYSTEM INDICATOR
34-45-01	TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (TCAS)
34-22-03	VERTICAL SPEED INDICATION LEFT AND RIGHT
34-51-01	VHF OMNI-RANGE (VOR)- LEFT
34-51-02	VHF OMNI-RANGE (VOR)- RIGHT
34-43-01	WEATHER RADAR

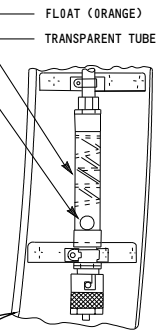
CH-SC-SU	Title

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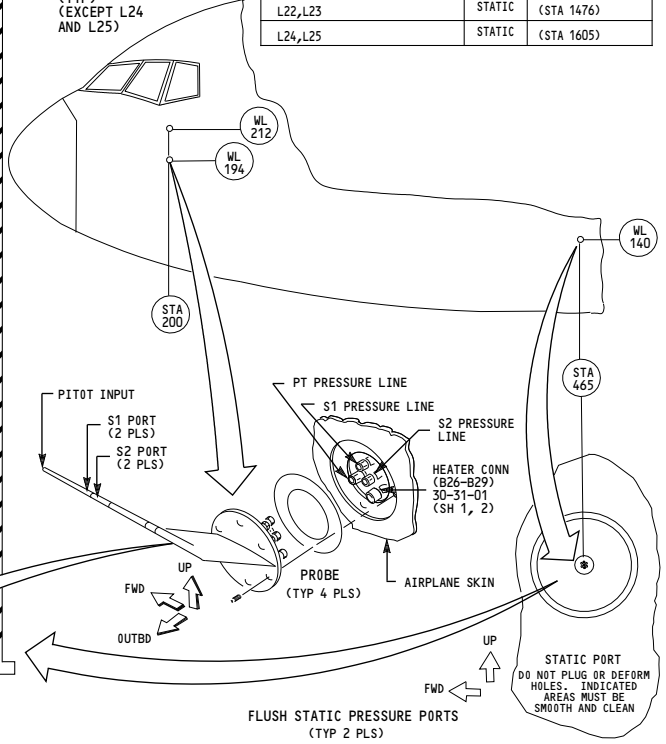
-B
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PITOT STATIC DRAIN ASSY LOCATION		
DRAIN NO	TYPE	LOCATION
R2	STATIC	(STA 165)
R3-R5, L3-L5, R16, R17, L16	STATIC	(STA 200)
L6	PITOT	
R7, R9, L8, L18, L19	STATIC	(STA 265)
R8, R10, L7, L9		
R11	PITOT	(STA 325 L 45)
L10		(STA 325 LBL 55)
R12		(STA 325 L 45)
L11	STATIC	(STA 325 LBL 55)
R13		(STA 456)
R14	PITOT	(STA 1460)
L12, L13		(STA 1476)
L22, L23	STATIC	(STA 1476)
L24, L25	STATIC	(STA 1605)



DRAIN INSTL (TYP) (EXCEPT L24 AND L25)



050-099, 275-299

PITOT STATIC

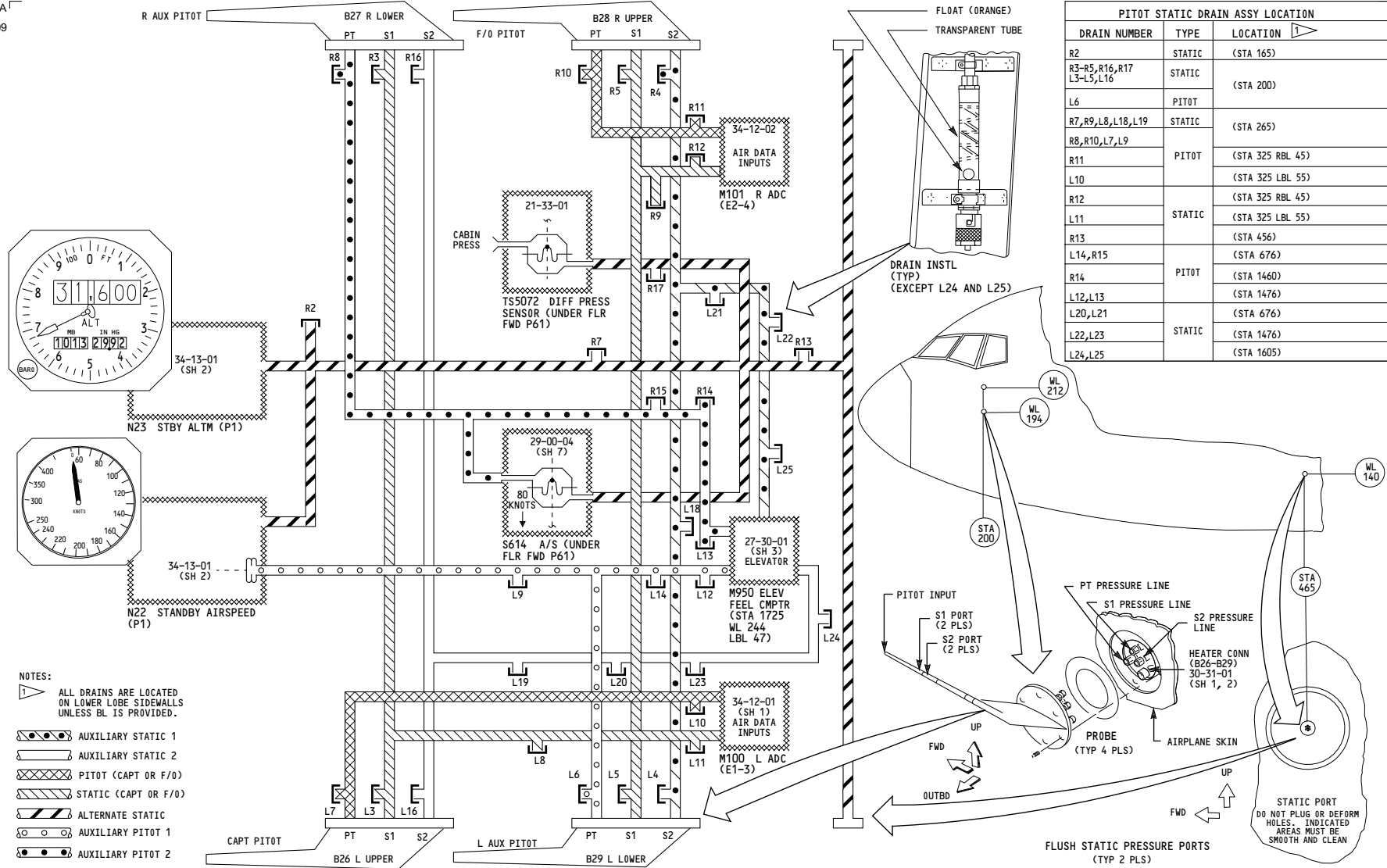
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34-11-01

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-A
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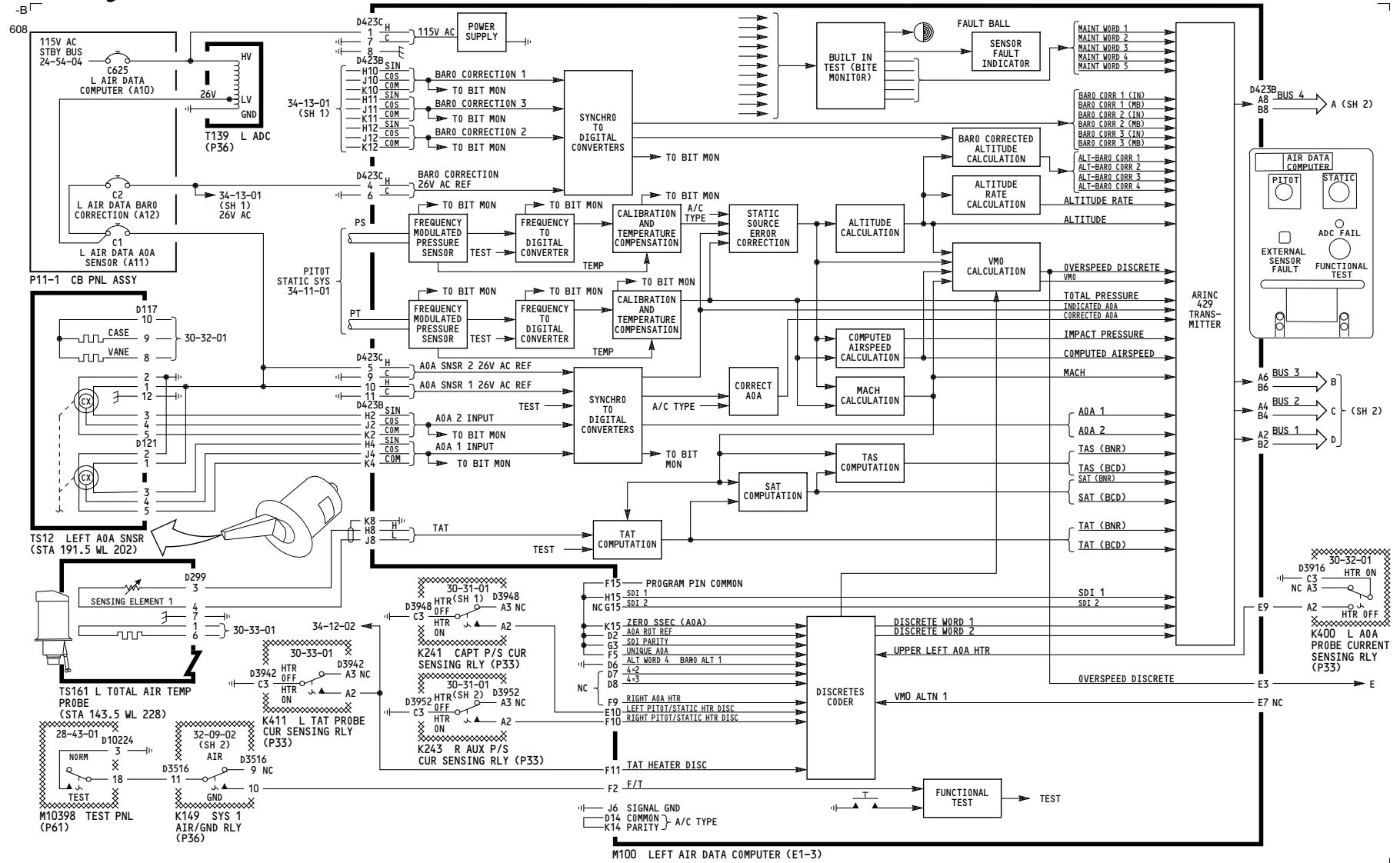
PITOT STATIC DRAIN ASSY LOCATION		
DRAIN NUMBER	TYPE	LOCATION
R2	STATIC	(STA 165)
R3-R5, R16, R17 L3-L5, L16	STATIC	(STA 200)
L6	PITOT	
R7, R9, L8, L18, L19	STATIC	(STA 265)
R8, R10, L7, L9		
R11	PITOT	(STA 325 RBL 45)
L10		(STA 325 LBL 55)
R12		(STA 325 RBL 45)
L11	STATIC	(STA 325 LBL 55)
R13		(STA 456)
L14, R15		(STA 676)
R14	PITOT	(STA 1460)
L12, L13		(STA 1476)
L20, L21		(STA 676)
L22, L23	STATIC	(STA 1476)
L24, L25		(STA 1605)

- NOTES:
- 1 ALL DRAINS ARE LOCATED ON LOWER LOBE SIDEWALLS UNLESS BL IS PROVIDED.
 - AUXILIARY STATIC 1
 - AUXILIARY STATIC 2
 - PITOT (CAPT OR F/O)
 - STATIC (CAPT OR F/O)
 - ALTERNATE STATIC
 - AUXILIARY PITOT 1
 - AUXILIARY PITOT 2

150-199	PITOT STATIC
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34-11-01

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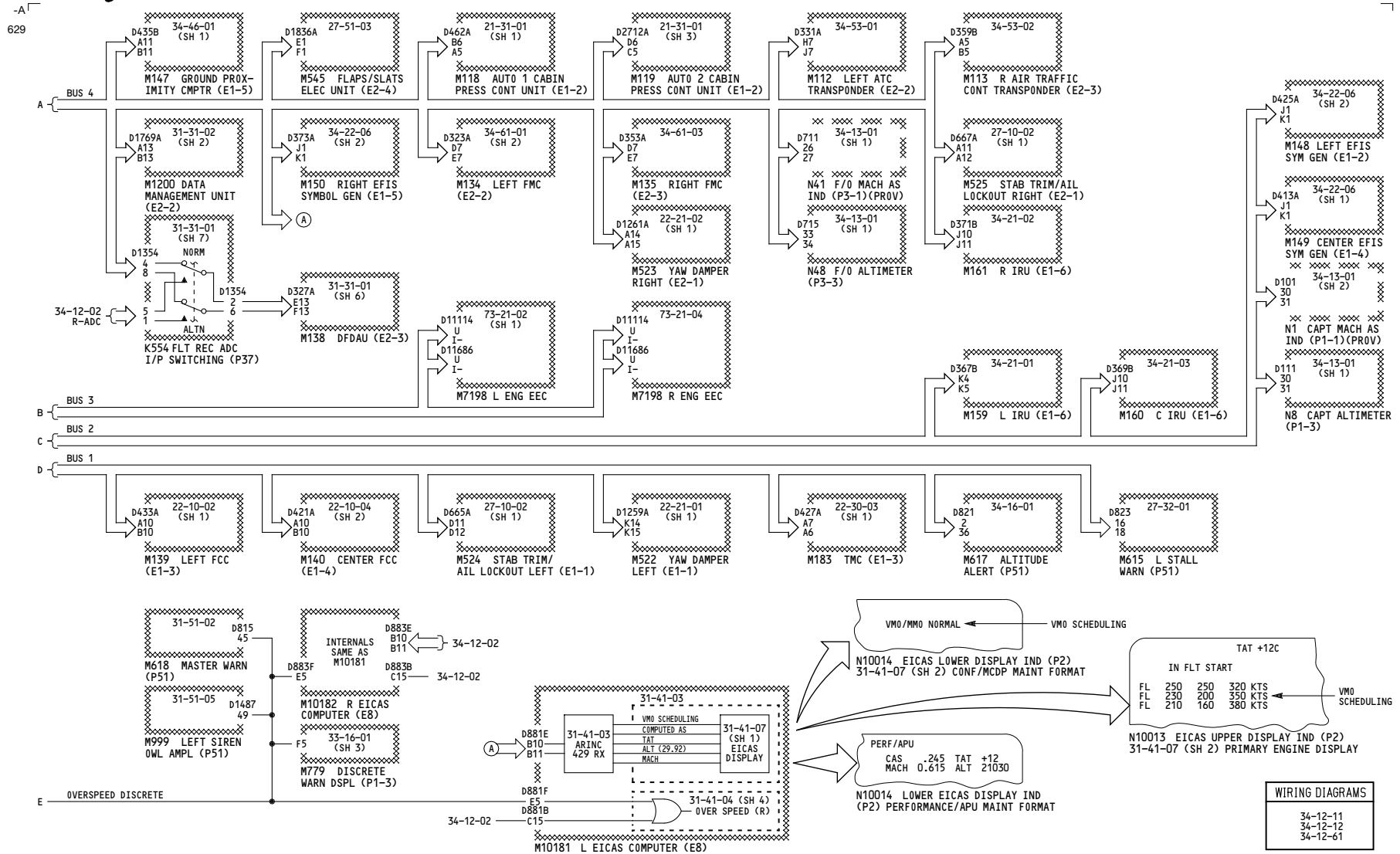
050-099

AIR DATA COMPUTER-LEFT

D280T232

34-12-01

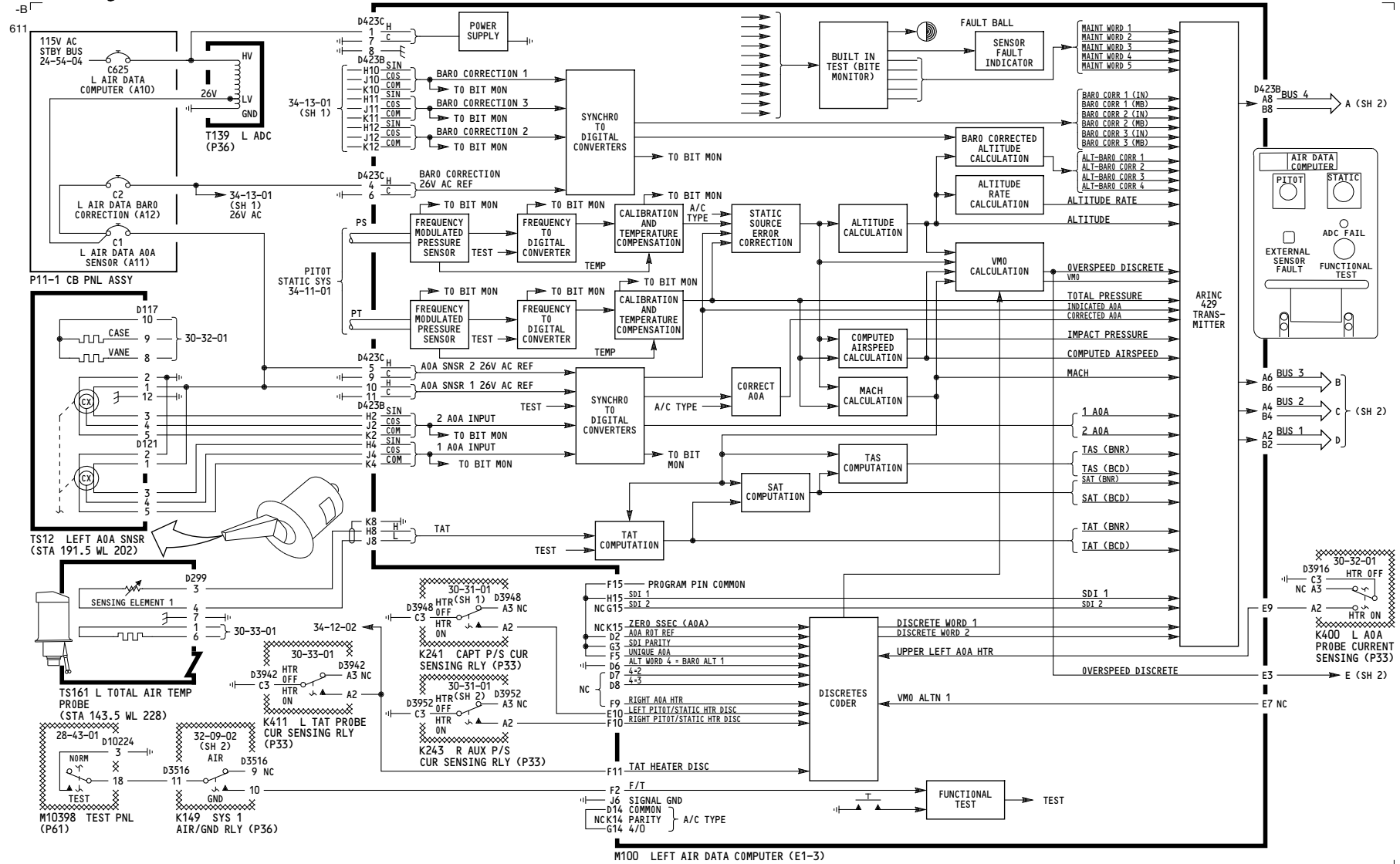
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Sheet 1
Jan 21/2005



050-099	AIR DATA COMPUTER-LEFT D280T232
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WIRING DIAGRAMS	
34-12-11	
34-12-12	
34-12-61	

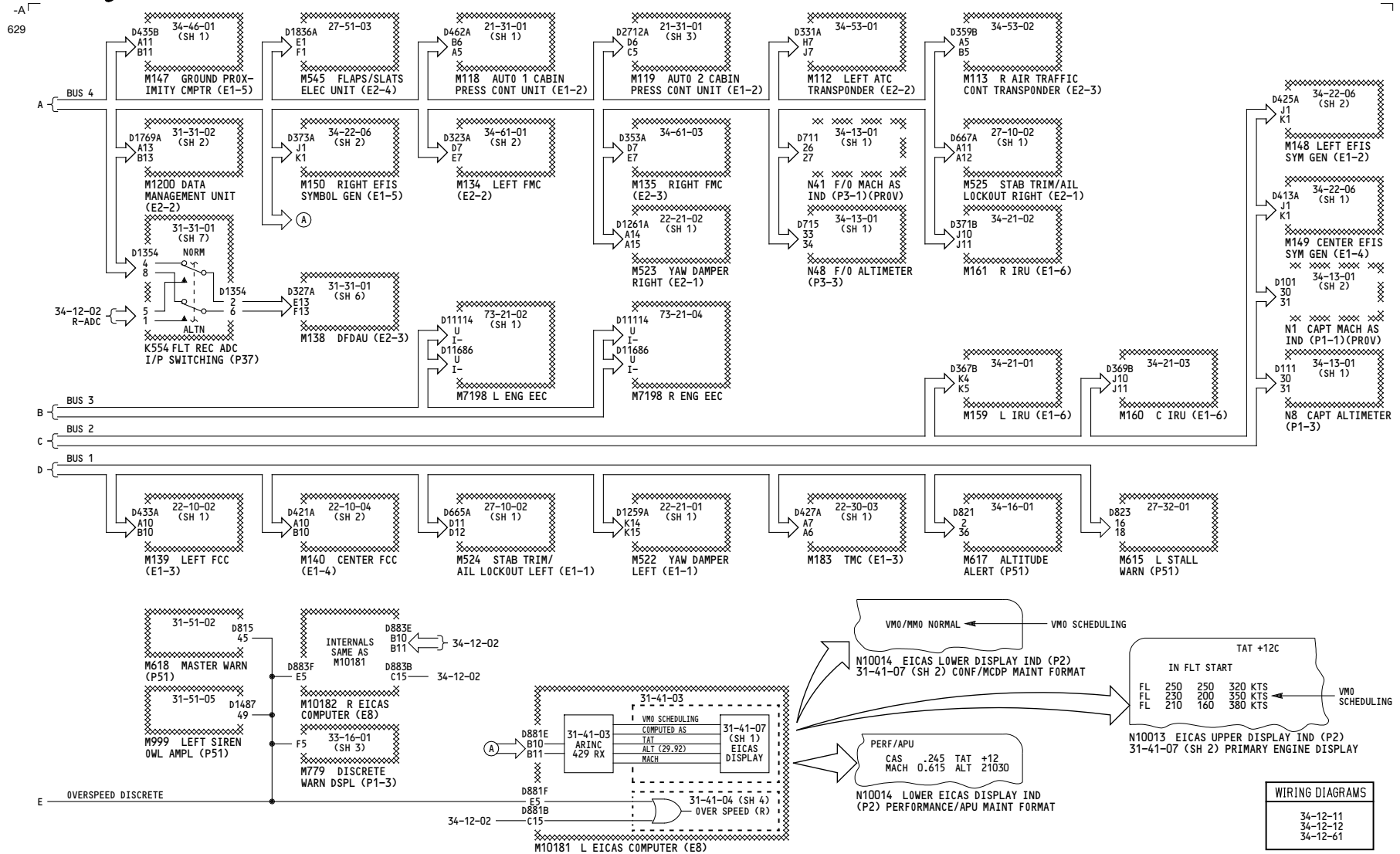
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AIR DATA COMPUTER-LEFT

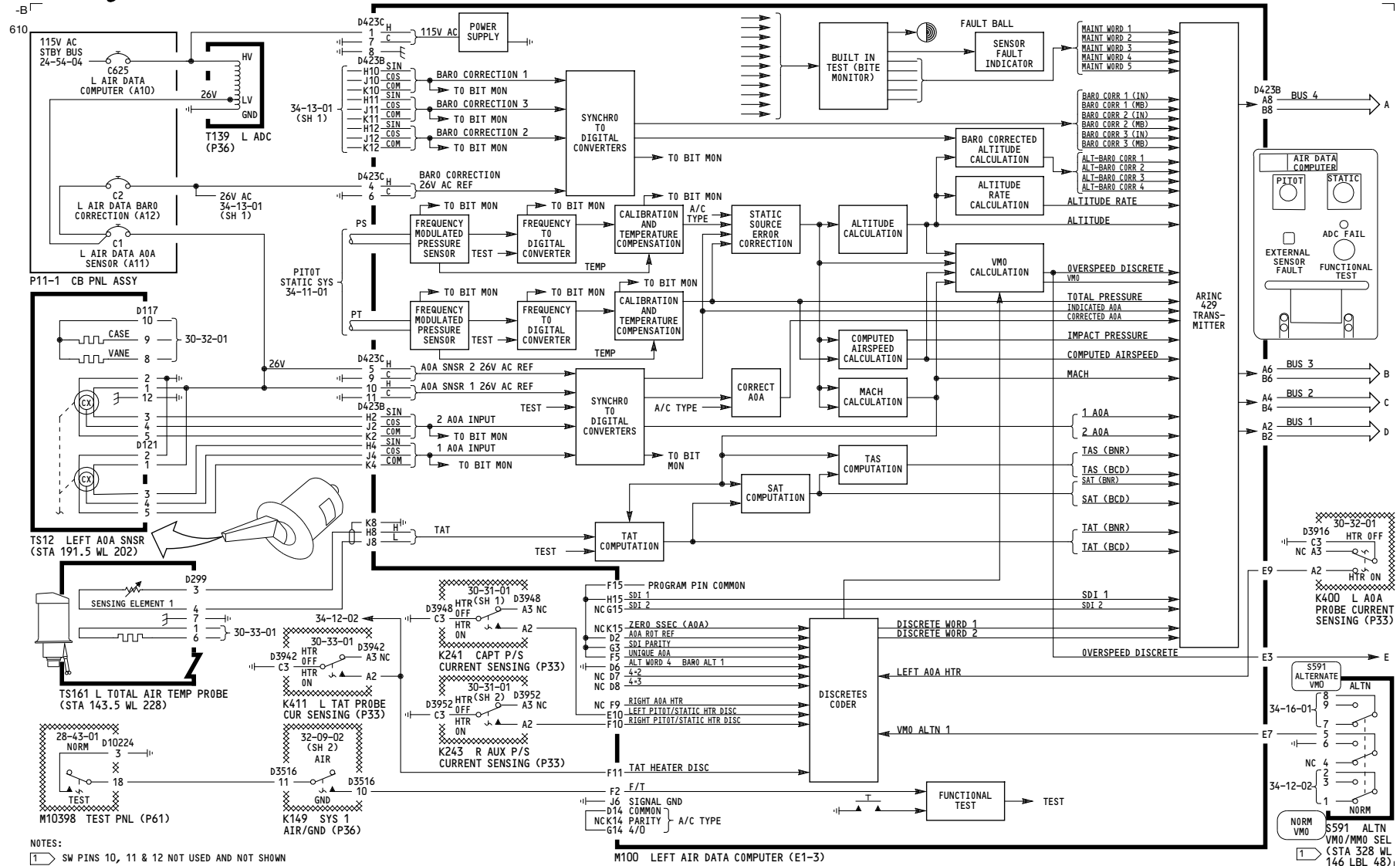
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34-12-01



150-199	AIR DATA COMPUTER-LEFT D280T232
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34-12-01



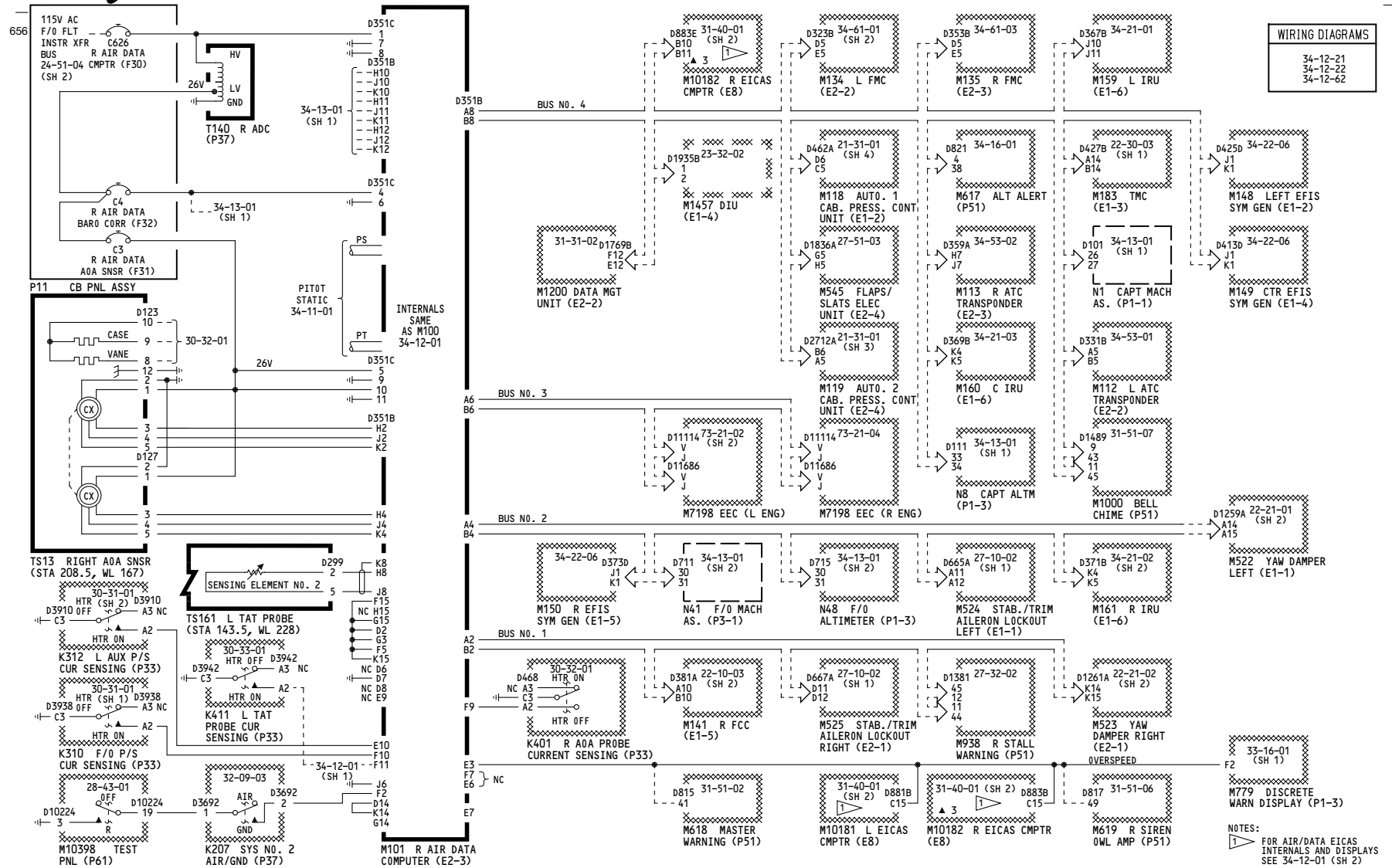
NOTES:
 1 SW PINS 10, 11 & 12 NOT USED AND NOT SHOWN

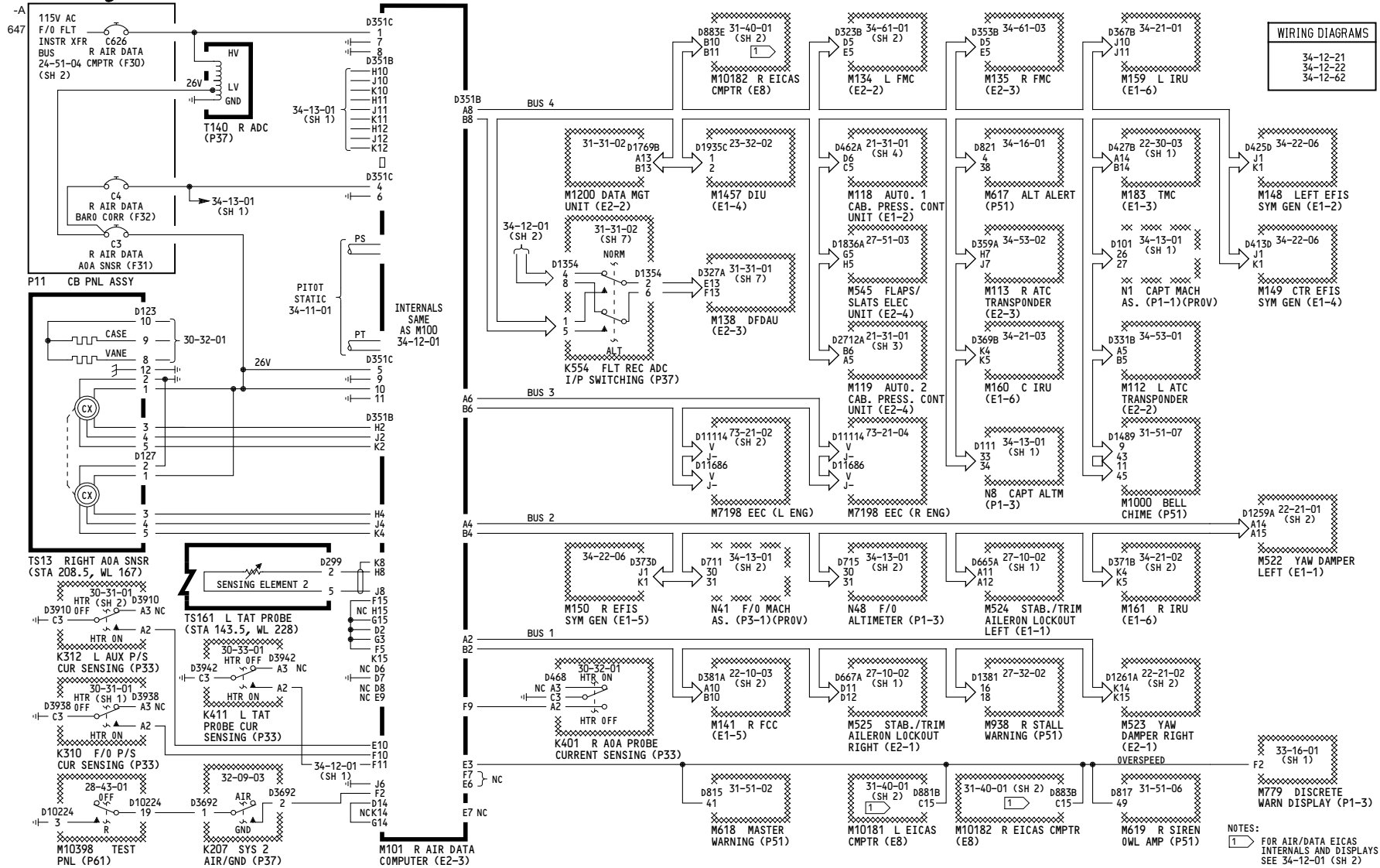
275-299

AIR DATA COMPUTER-LEFT

D280T232

34-12-01





WIRING DIAGRAMS
 34-12-21
 34-12-22
 34-12-62

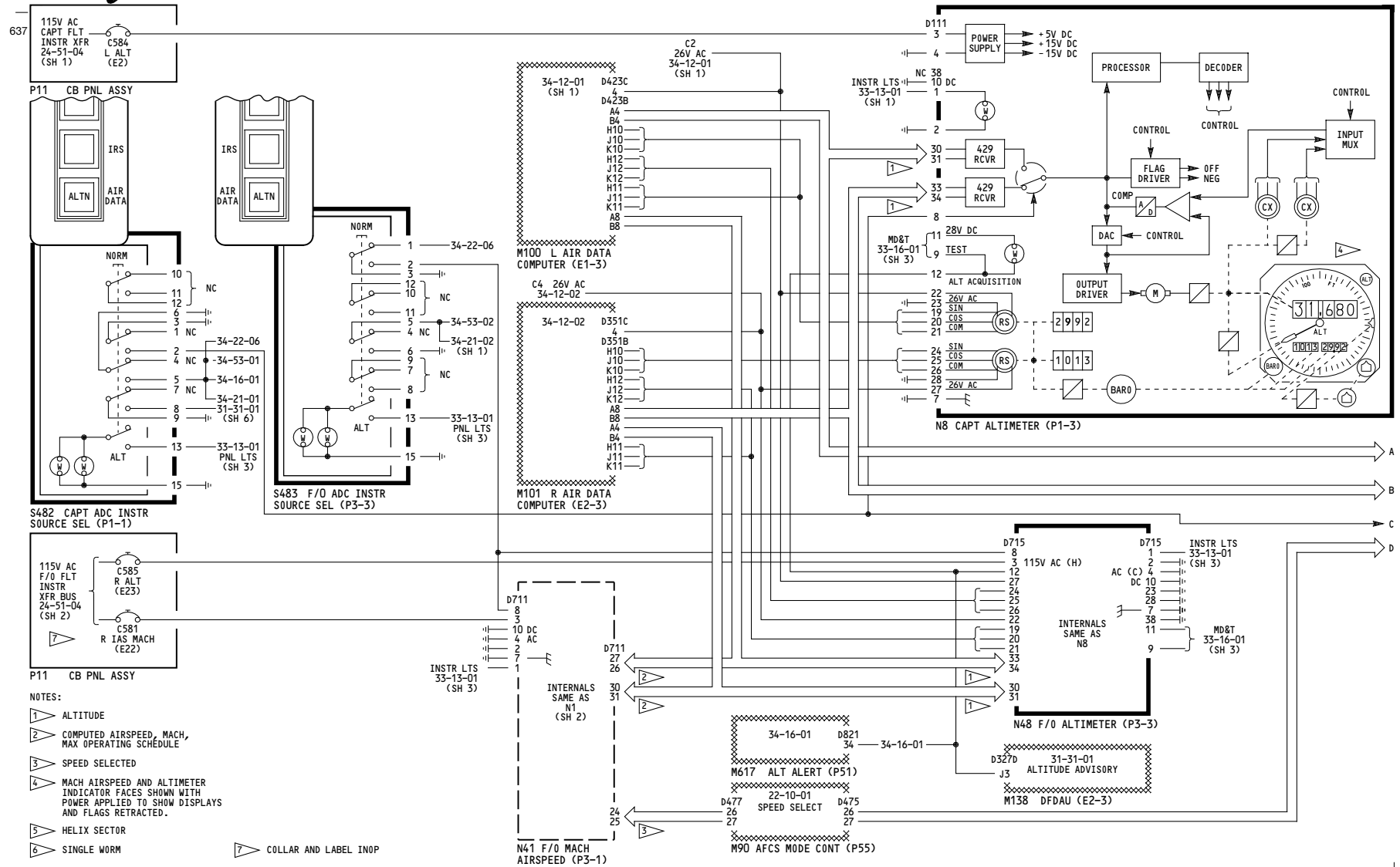
150-199

**AIR DATA COMPUTER-
RIGHT**

D280T232

34-12-02

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- NOTES:
- 1 ALTITUDE
 - 2 COMPUTED AIRSPEED, MACH, MAX OPERATING SCHEDULE
 - 3 SPEED SELECTED
 - 4 MACH AIRSPEED AND ALTIMETER INDICATOR FACES SHOWN WITH POWER APPLIED TO SHOW DISPLAYS AND FLAGS RETRACTED.
 - 5 HELIX SECTOR
 - 6 SINGLE WORM

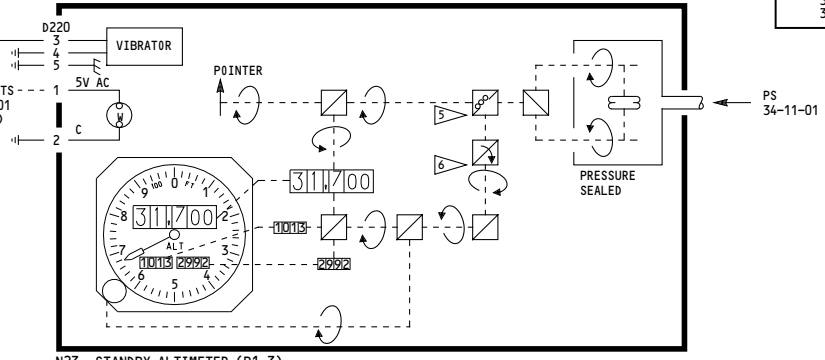
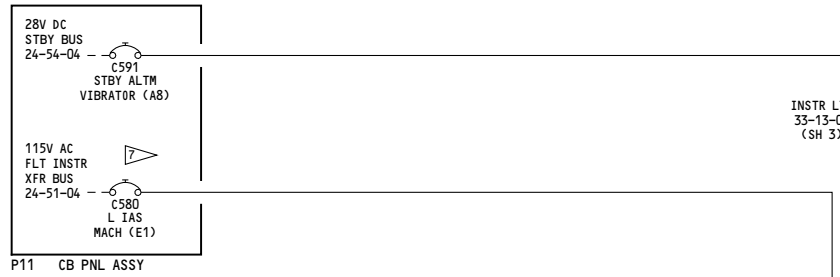
050-099

**AIR DATA INSTRUMENTS
LEFT AND RIGHT**

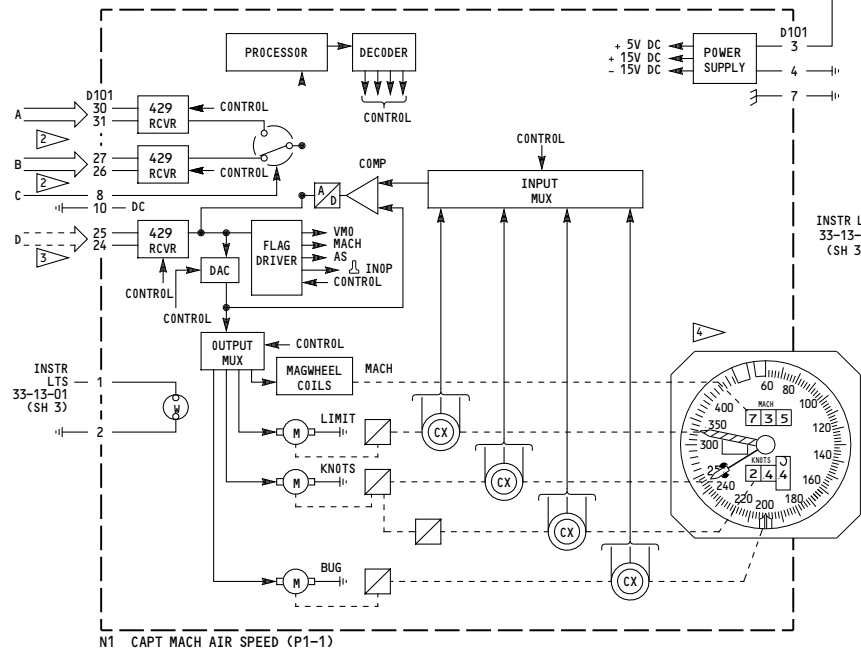
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34-13-01

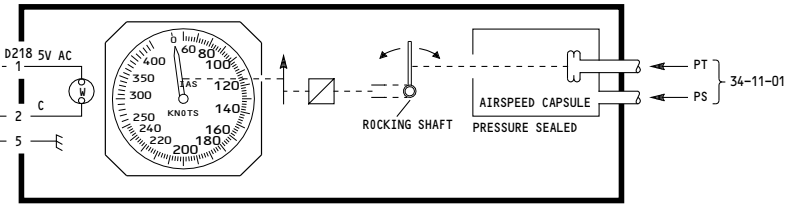
WIRING DIAGRAMS	
34-12-11	
34-12-21	
34-12-61	
34-12-62	
34-13-11	
34-13-21	



N23 STANDBY ALTIMETER (P1-3)



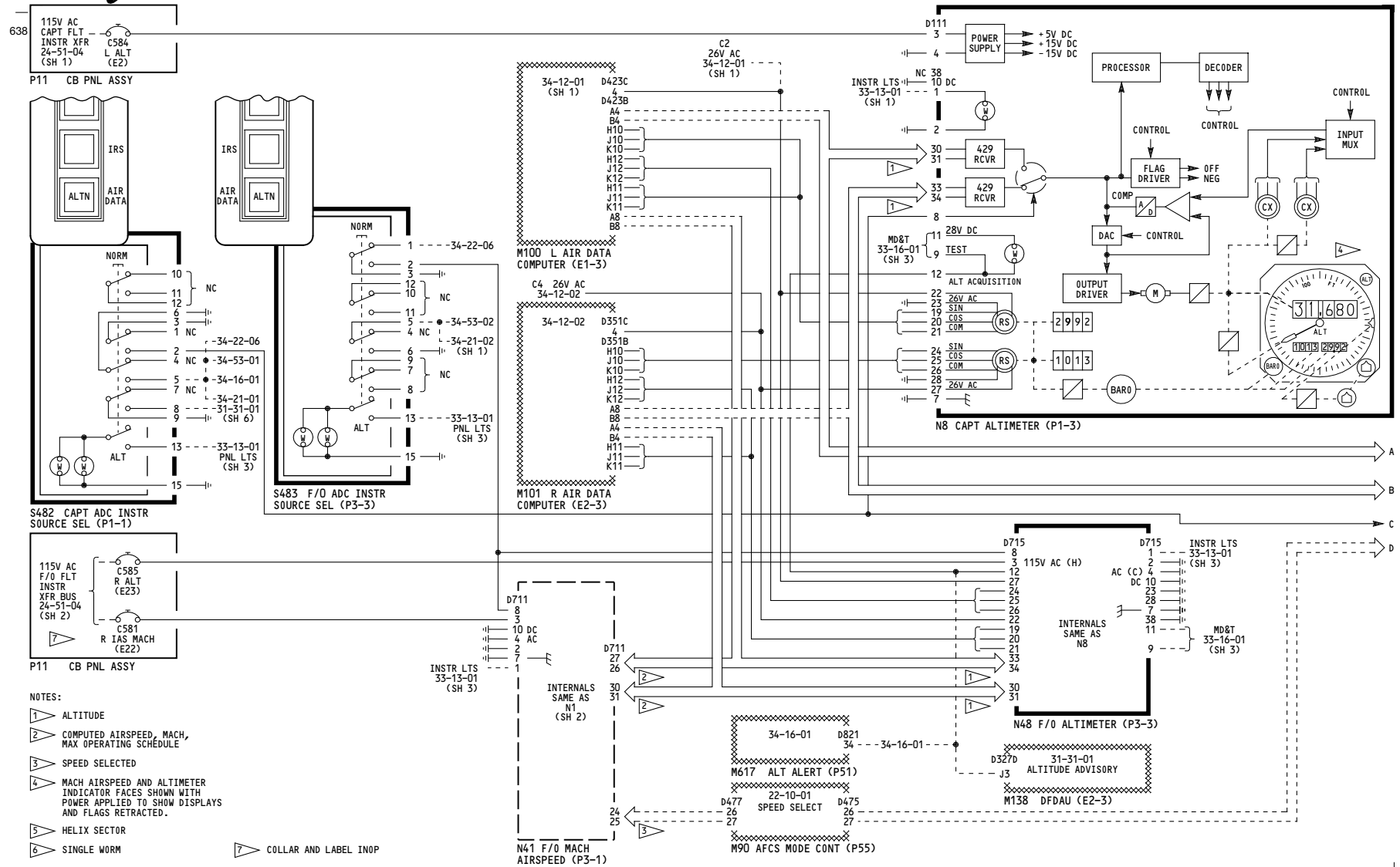
N1 CAPT MACH AIR SPEED (P1-1)



N22 STANDBY AIRSPEED (P1-3)

050-099	AIR DATA INSTRUMENTS LEFT AND RIGHT
D280T232	

34-13-01



- NOTES:**
- 1 ALTITUDE
 - 2 COMPUTED AIRSPEED, MACH, MAX OPERATING SCHEDULE
 - 3 SPEED SELECTED
 - 4 MACH AIRSPEED AND ALTIMETER INDICATOR FACES SHOW WITH POWER APPLIED TO SHOW DISPLAYS AND FLAGS RETRACTED.
 - 5 HELIX SECTOR
 - 6 SINGLE WORM
- COLLAR AND LABEL INOP

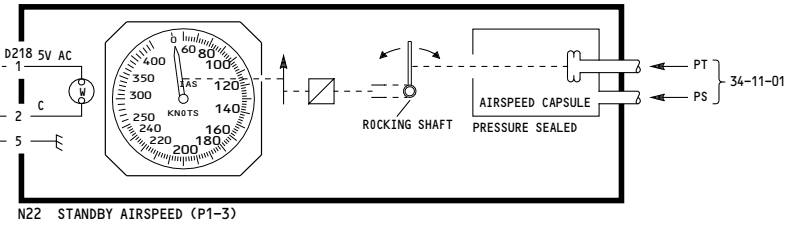
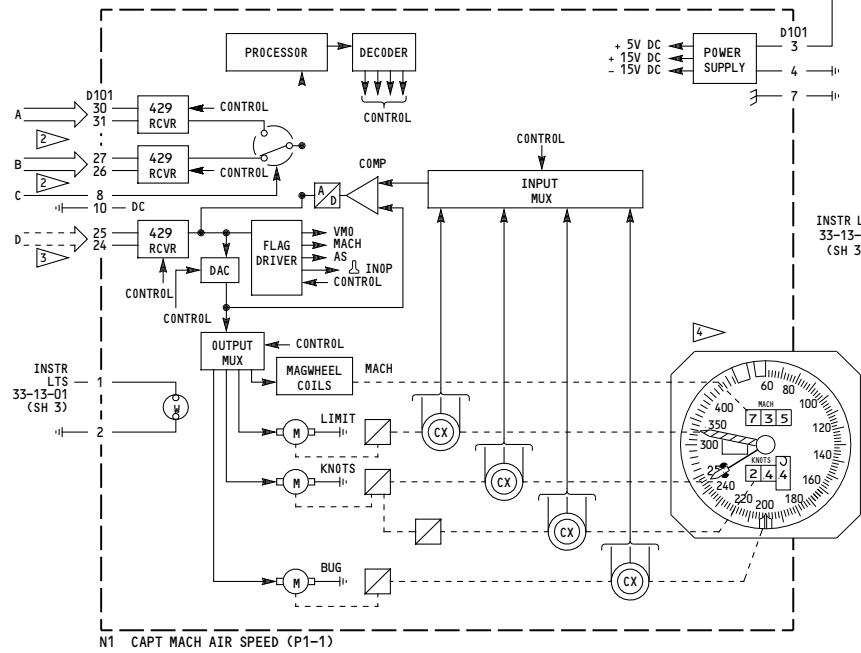
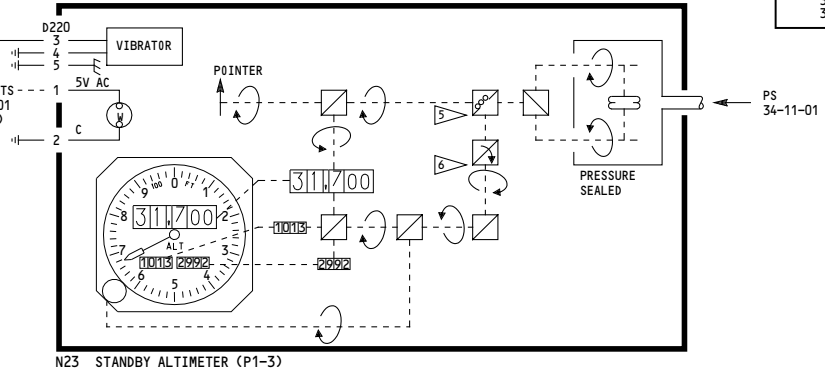
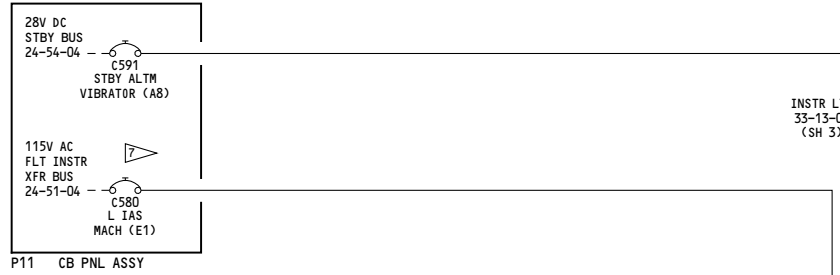
150-199, 275-299

**AIR DATA INSTRUMENTS
LEFT AND RIGHT**

D280T232

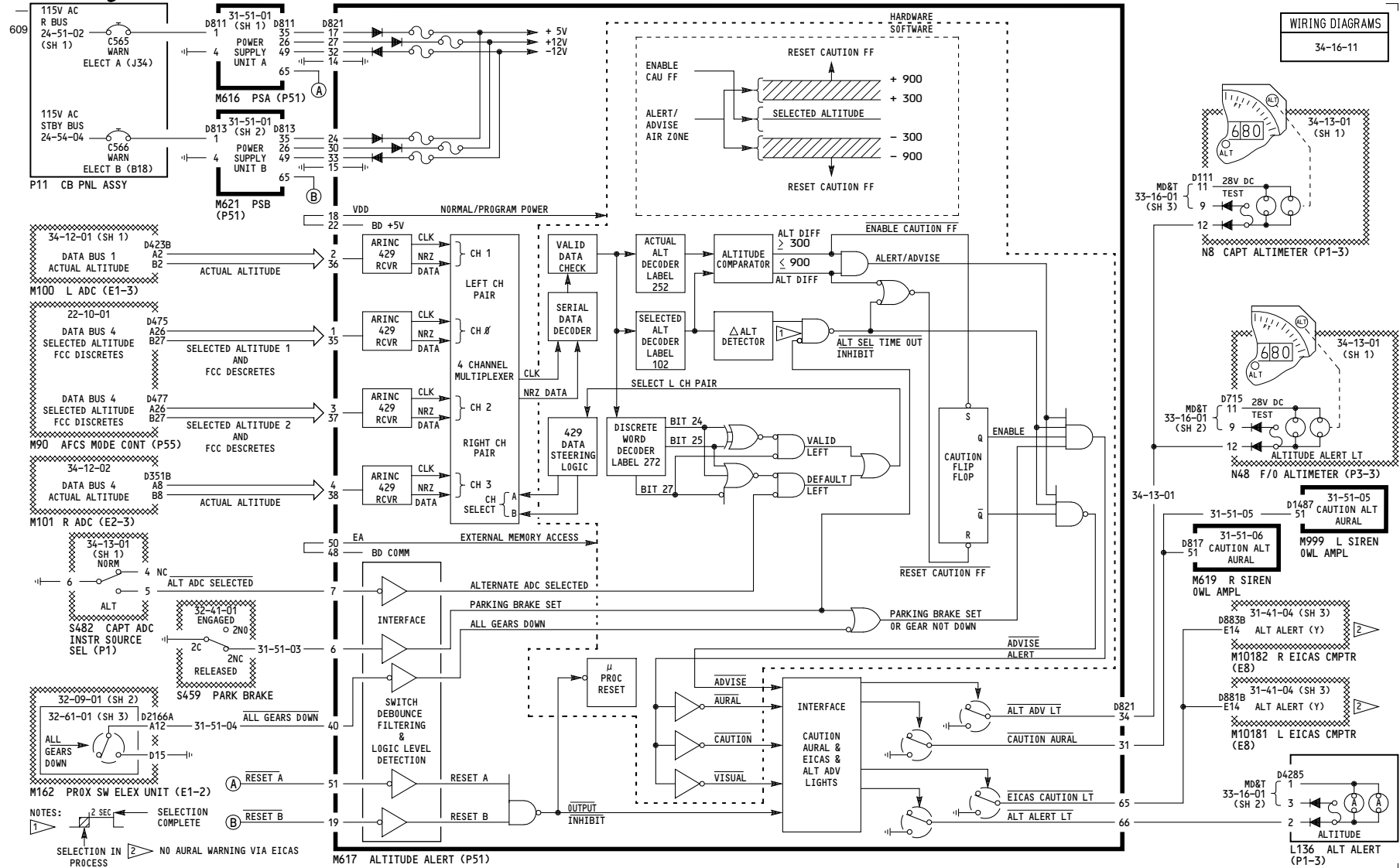
34-13-01

WIRING DIAGRAMS	
34-12-11	
34-12-21	
34-12-61	
34-12-62	
34-13-11	
34-13-21	



150-199, 275-299	AIR DATA INSTRUMENTS LEFT AND RIGHT
D280T232	

34-13-01



WIRING DIAGRAMS
34-16-11

050-099

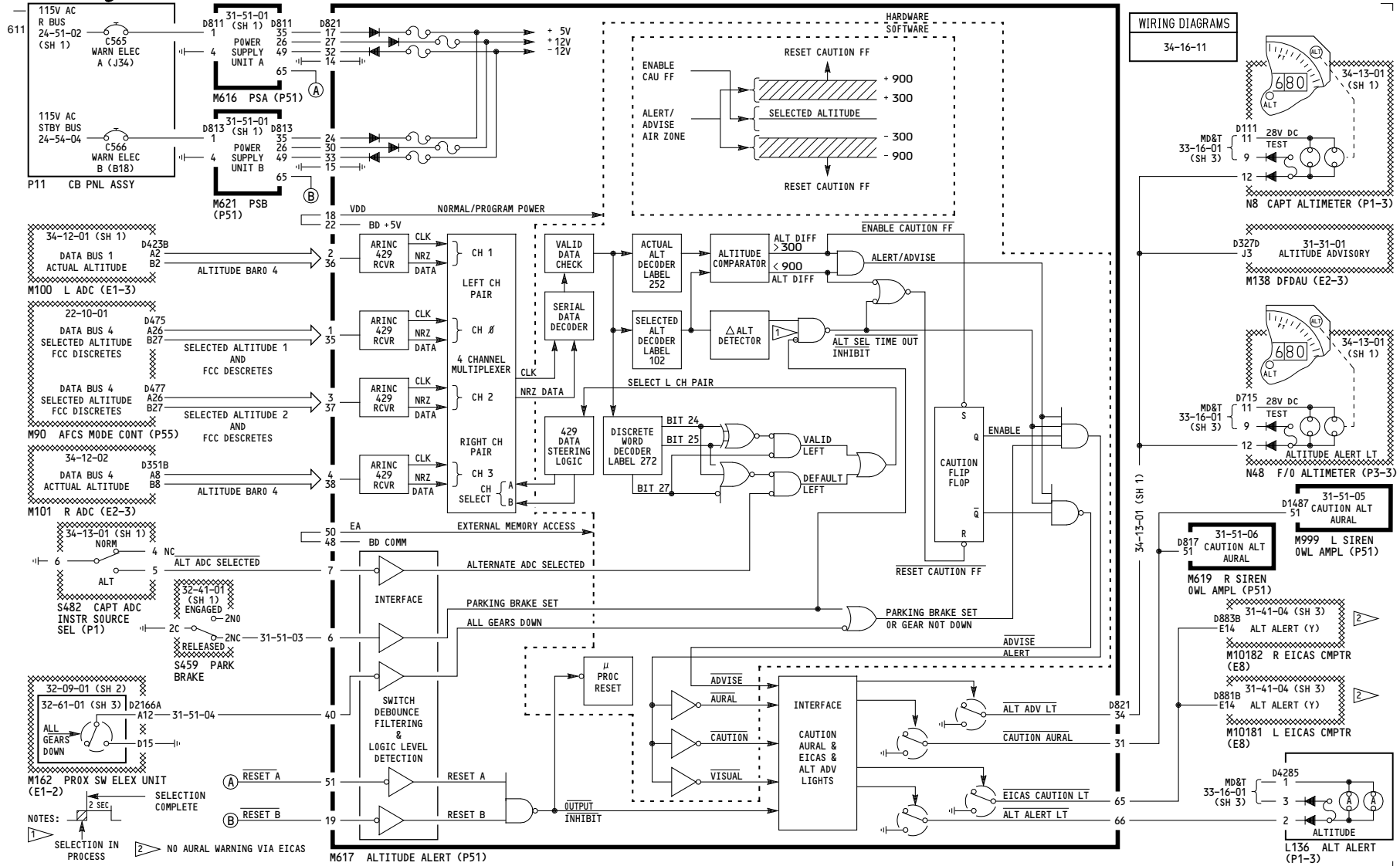
ALTITUDE ALERT

D280T232

34-16-01

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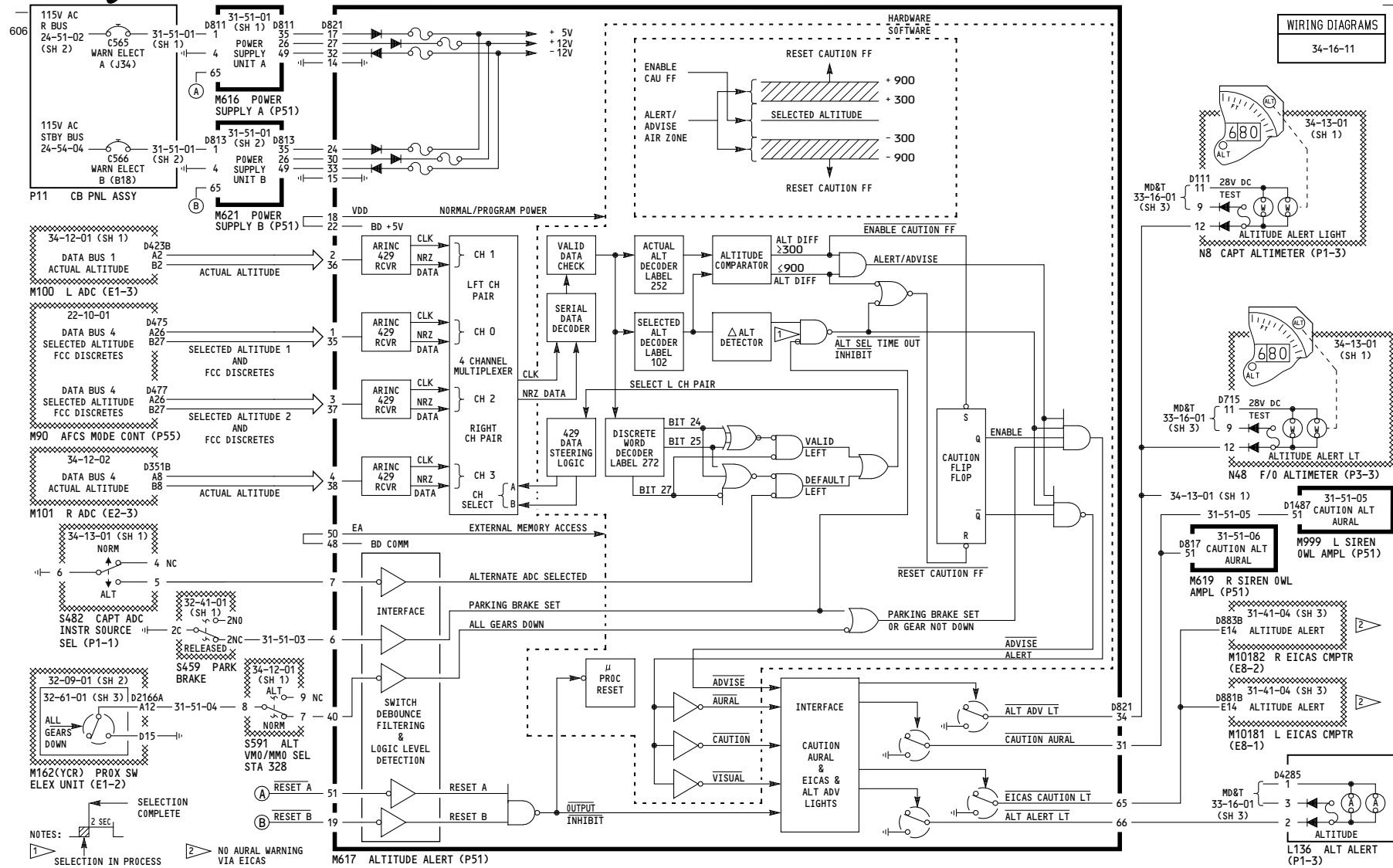


150-199

ALTITUDE ALERT

D280T232

34-16-01

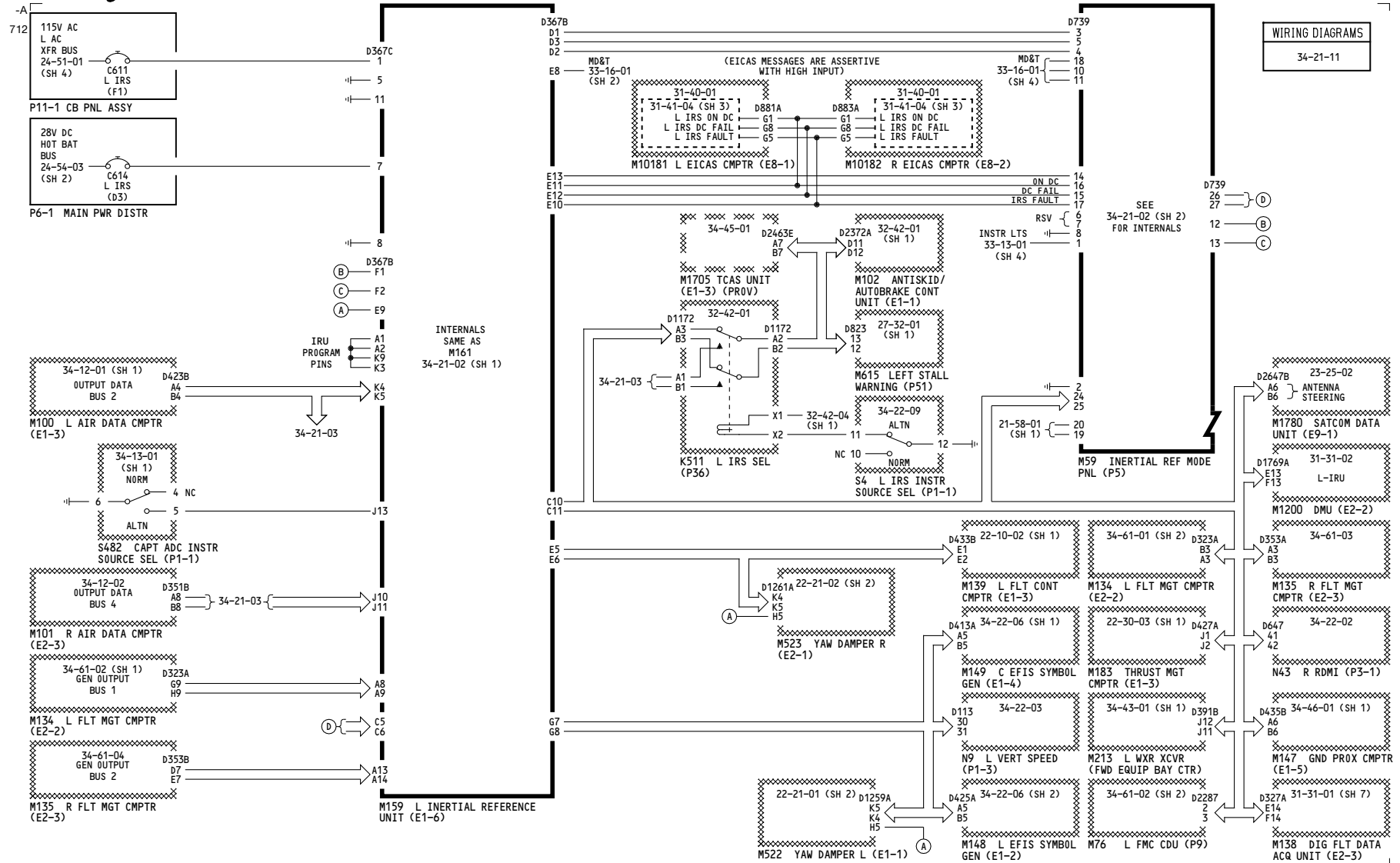


34-16-01

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WIRING DIAGRAMS
34-21-11

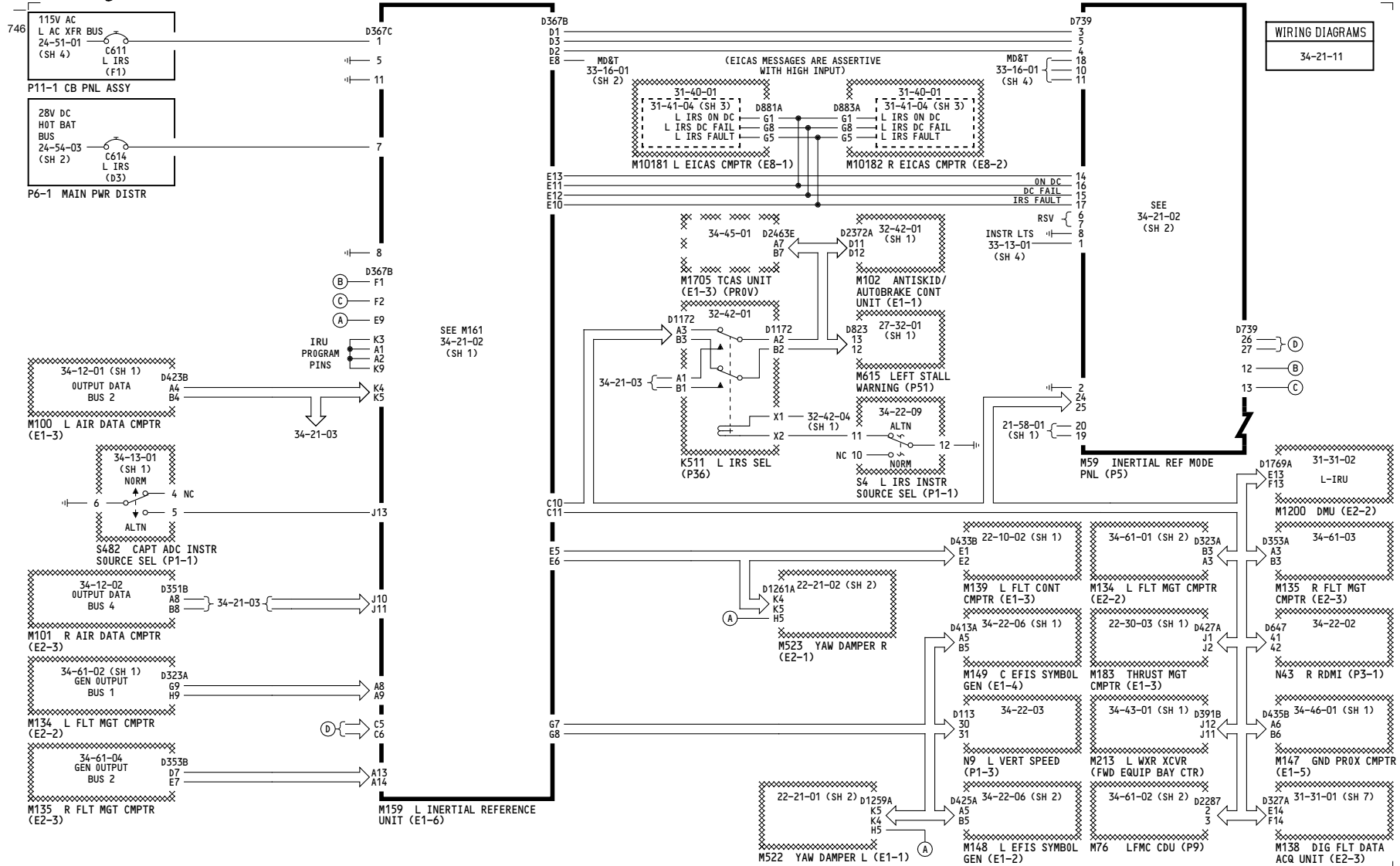


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INERTIAL REFERENCE-LEFT

D280T232

34-21-01



WIRING DIAGRAMS
34-21-11

151-152

INERTIAL REFERENCE-LEFT

- Incorporates
- ▶▶ 34-0091 R01
- ▶▶ 34-0100
- ▶▶ 34-0206 R01

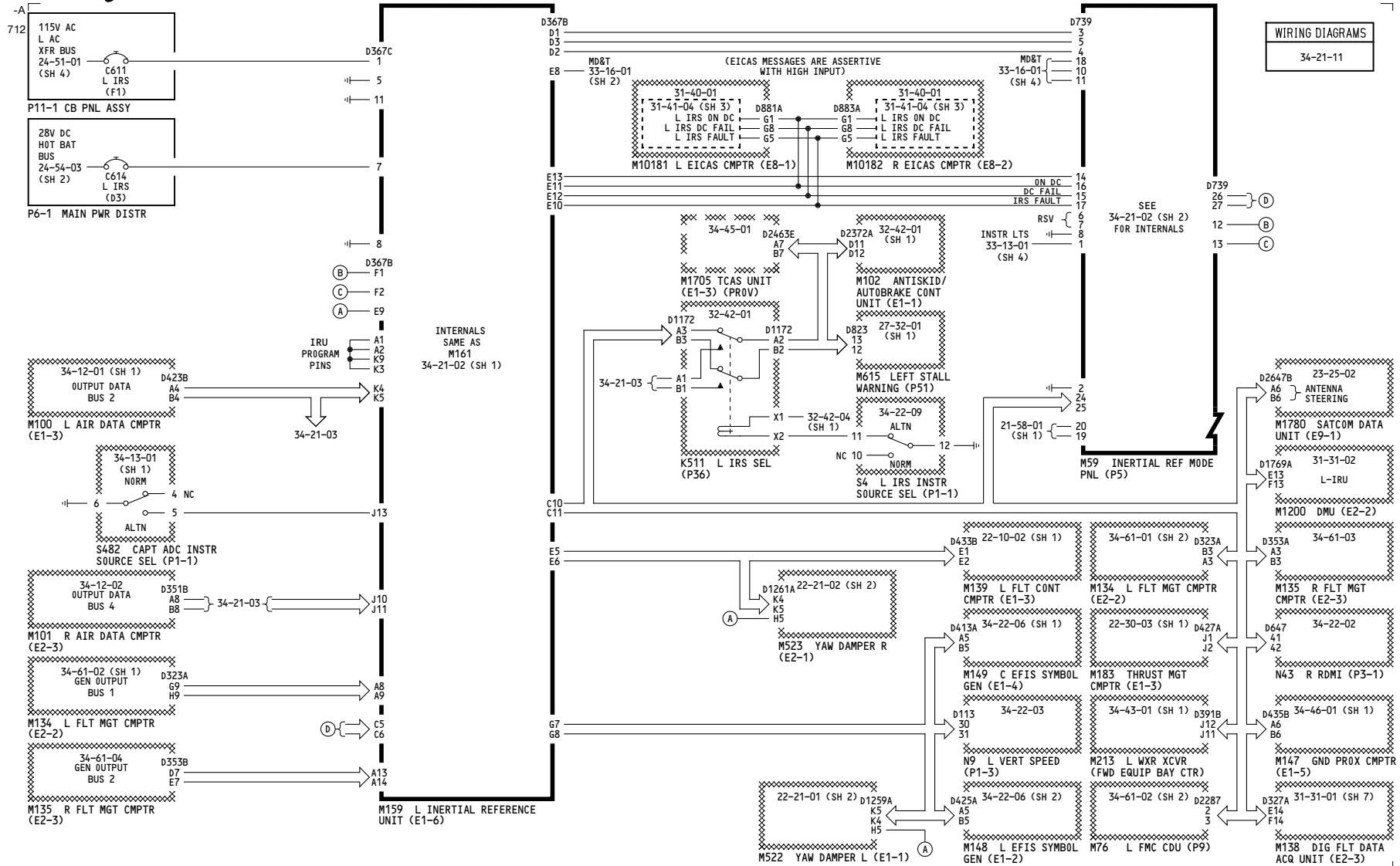
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WIRING DIAGRAMS
34-21-11



156-157, 166-167

INERTIAL REFERENCE-LEFT

D280T232

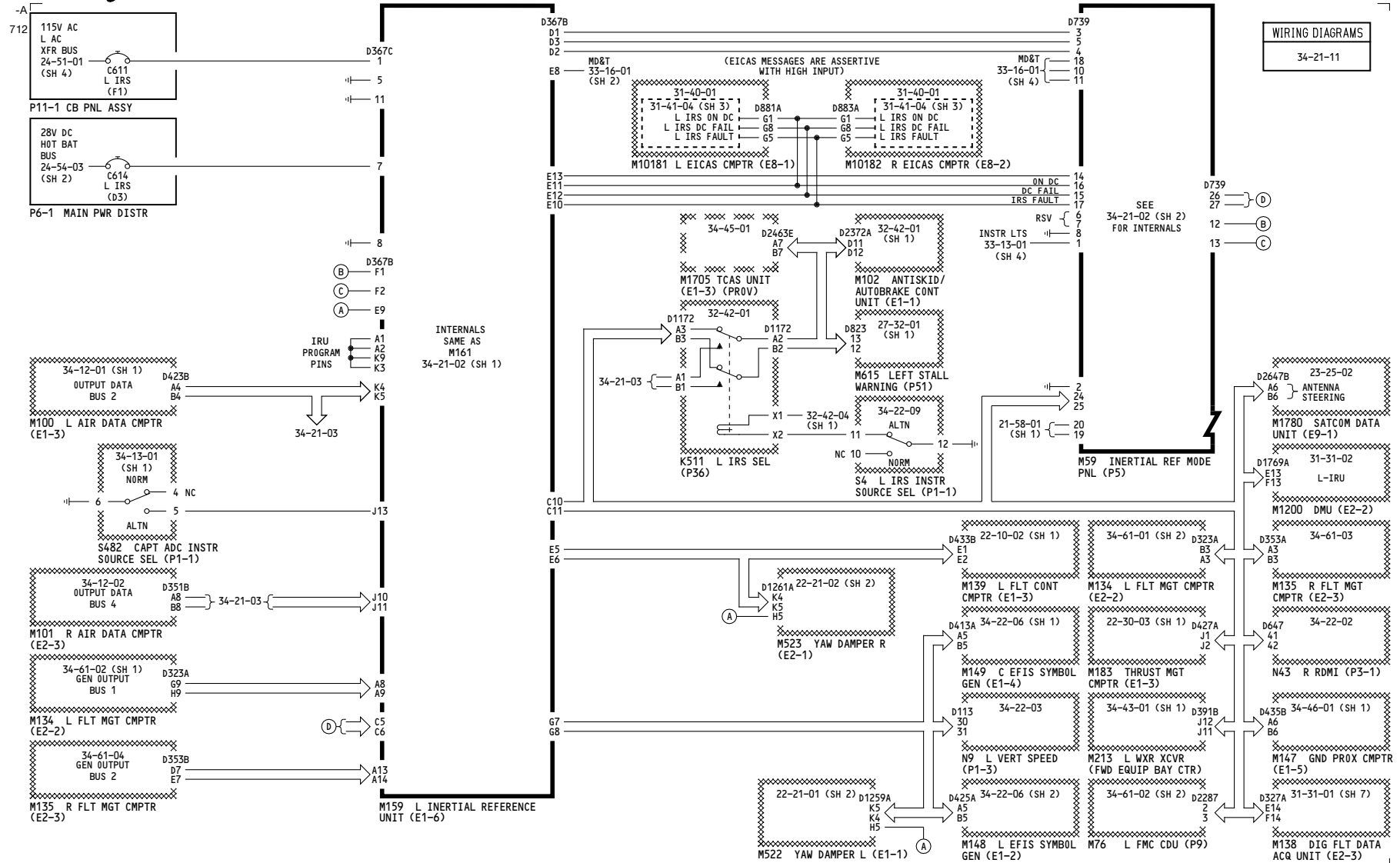
- Incorporates
- ▶ 34-0100
 - ▶ 34-0206 R01
 - ▶ MTO 230591

34-21-01

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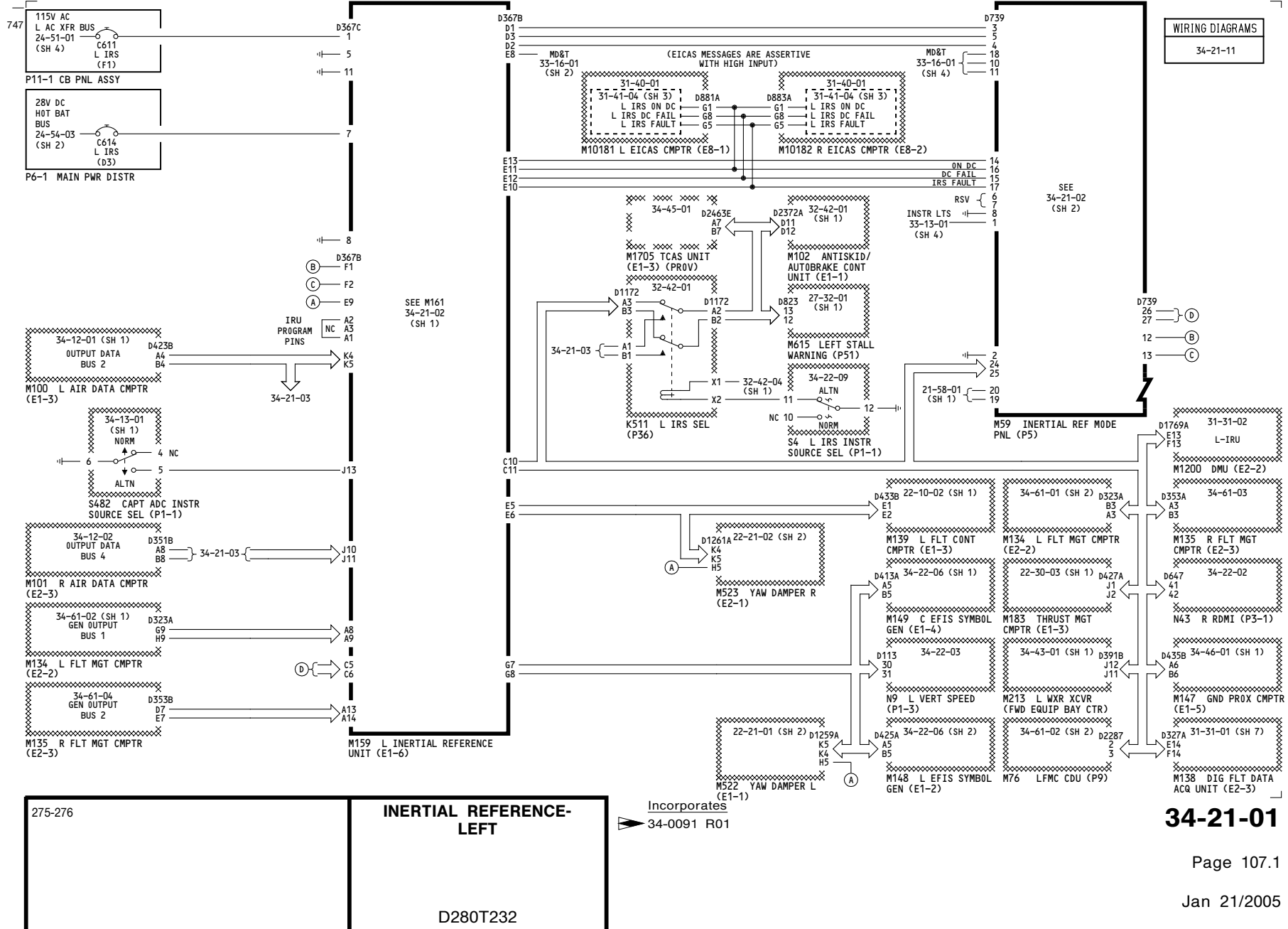
WIRING DIAGRAMS
34-21-11



162-165	INERTIAL REFERENCE-LEFT
	D280T232

- Incorporates
- ▶ 34-0100
 - ▶ 34-0206 R01
 - ▶ MTO 230592

34-21-01



WIRING DIAGRAMS
34-21-11

SEE M161
34-21-02
(SH 1)

SEE
34-21-02
(SH 2)

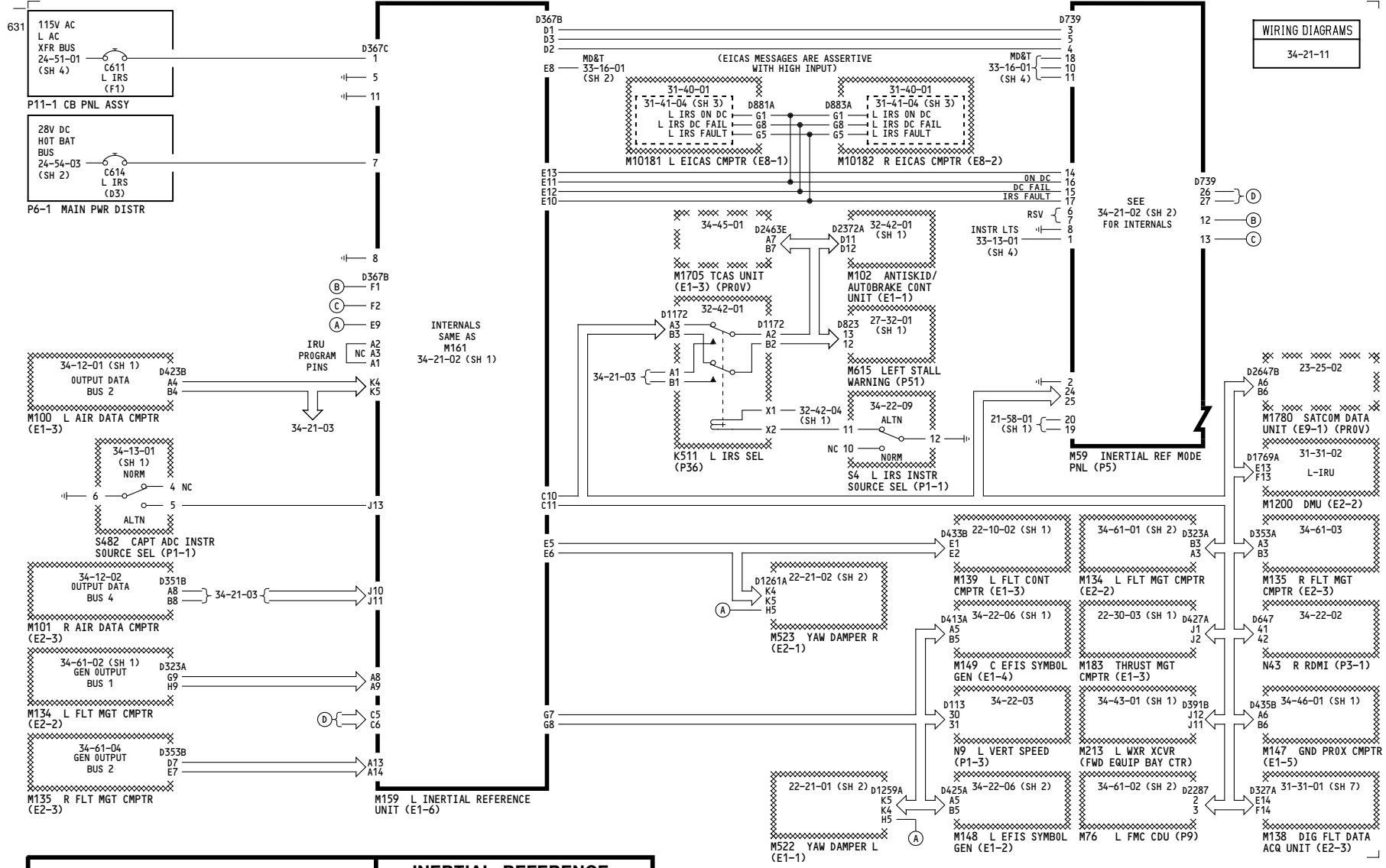
Incorporates
34-0091 R01

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WIRING DIAGRAMS
34-21-11



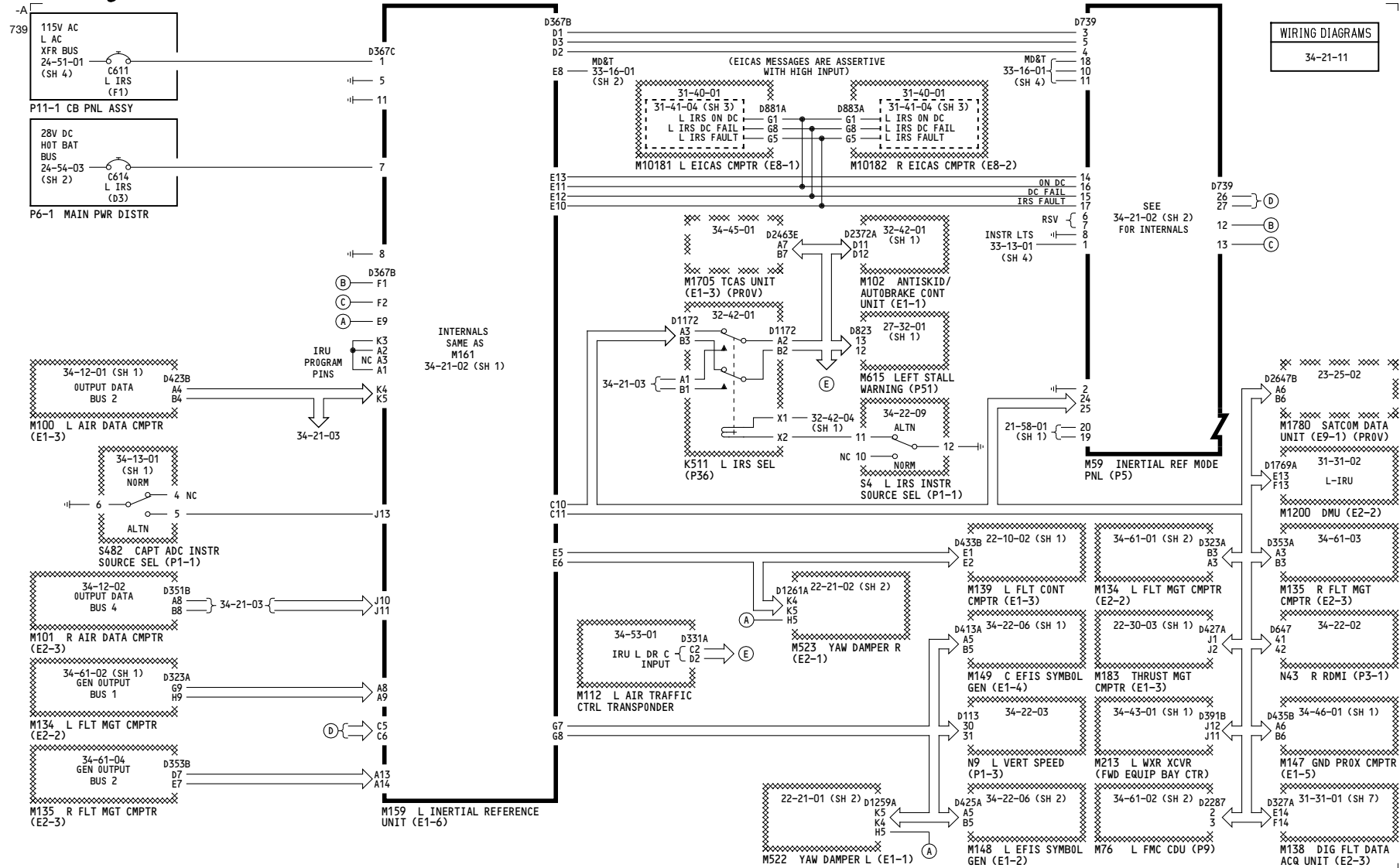
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INERTIAL REFERENCE-LEFT

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WIRING DIAGRAMS
34-21-11



277-280

INERTIAL REFERENCE-LEFT

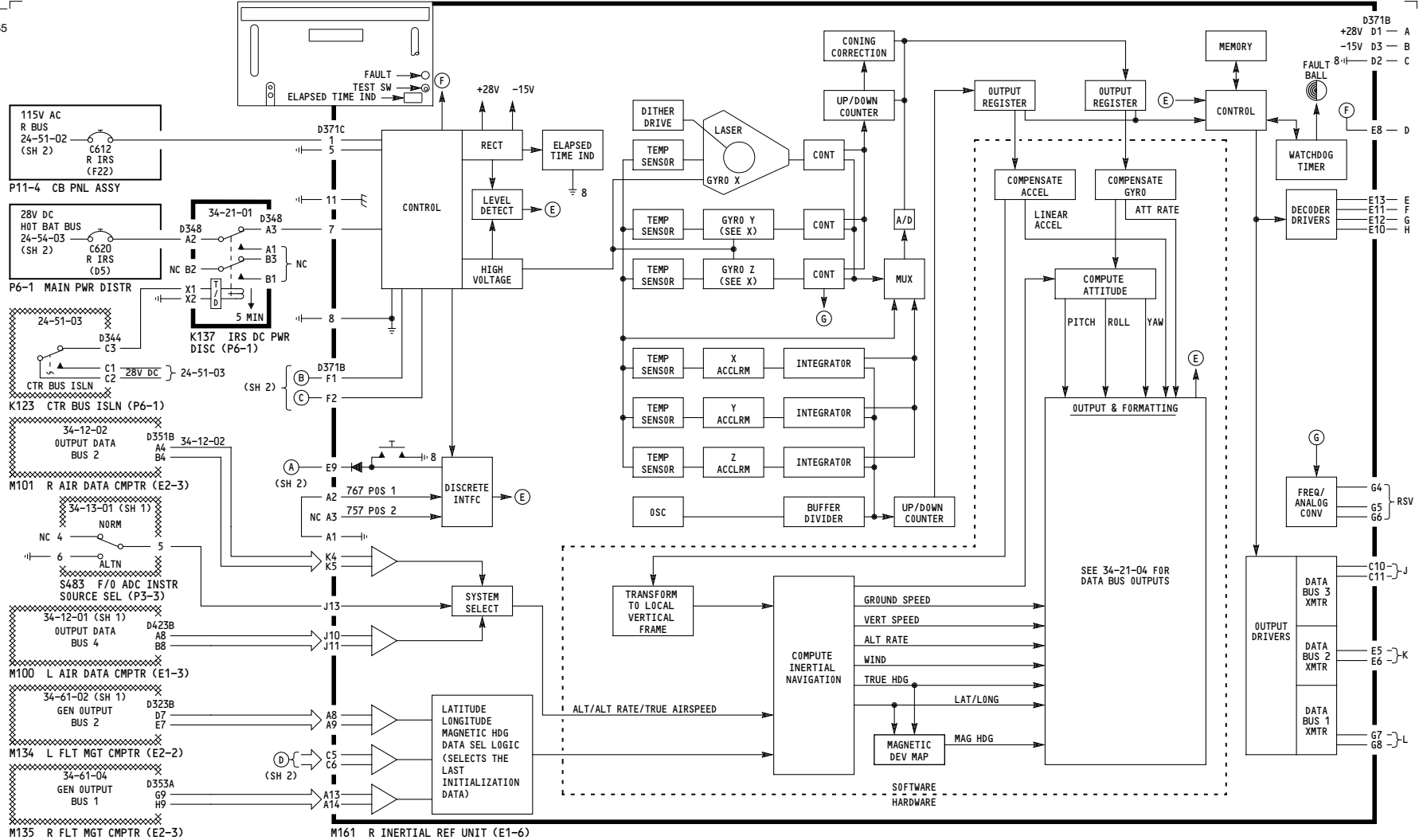
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Incorporates
 ■ 34-0202
 ■ ECO EB34-0360-02

34-21-01

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635



050-051

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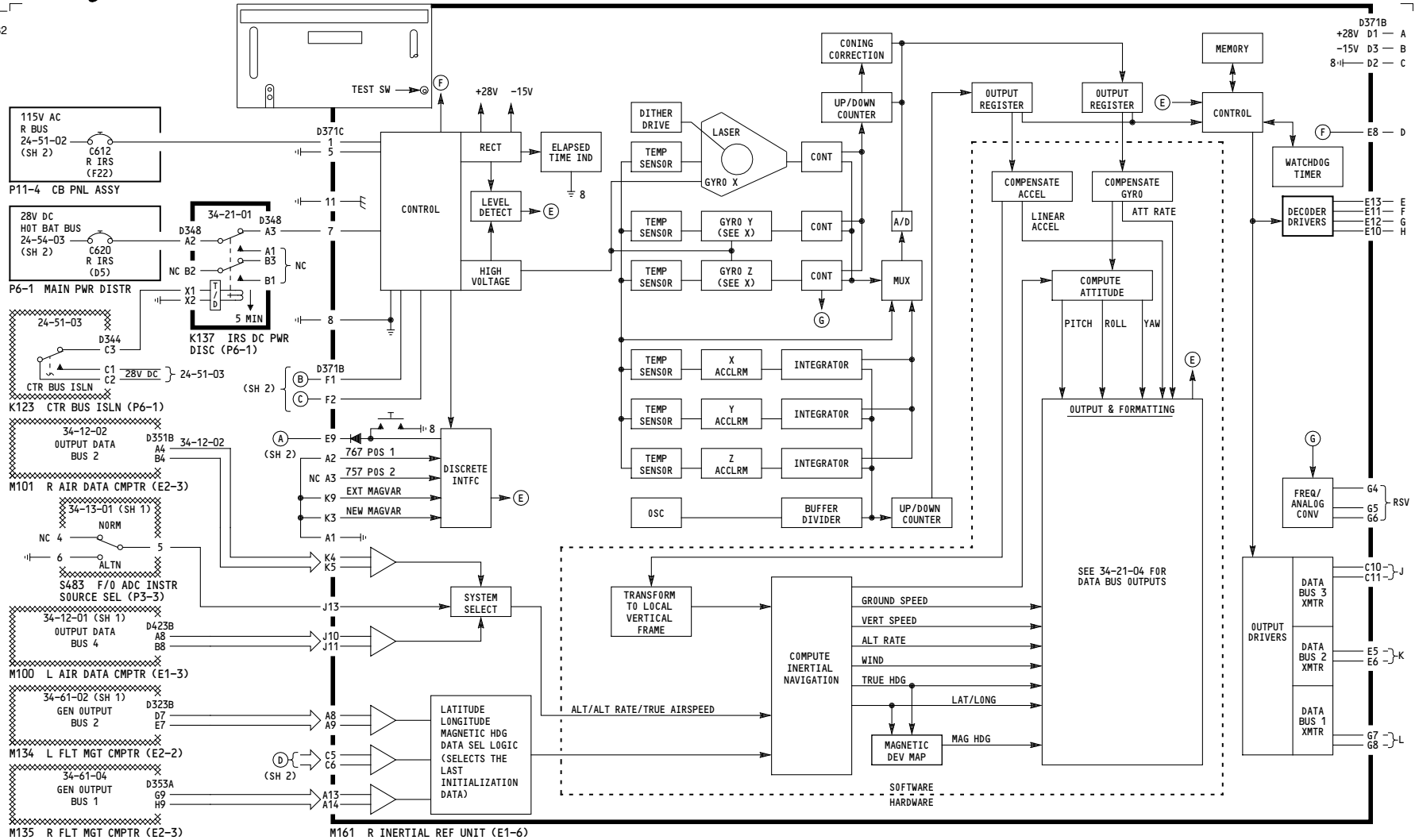
Incorporates
34-0100

D280T232

34-21-02

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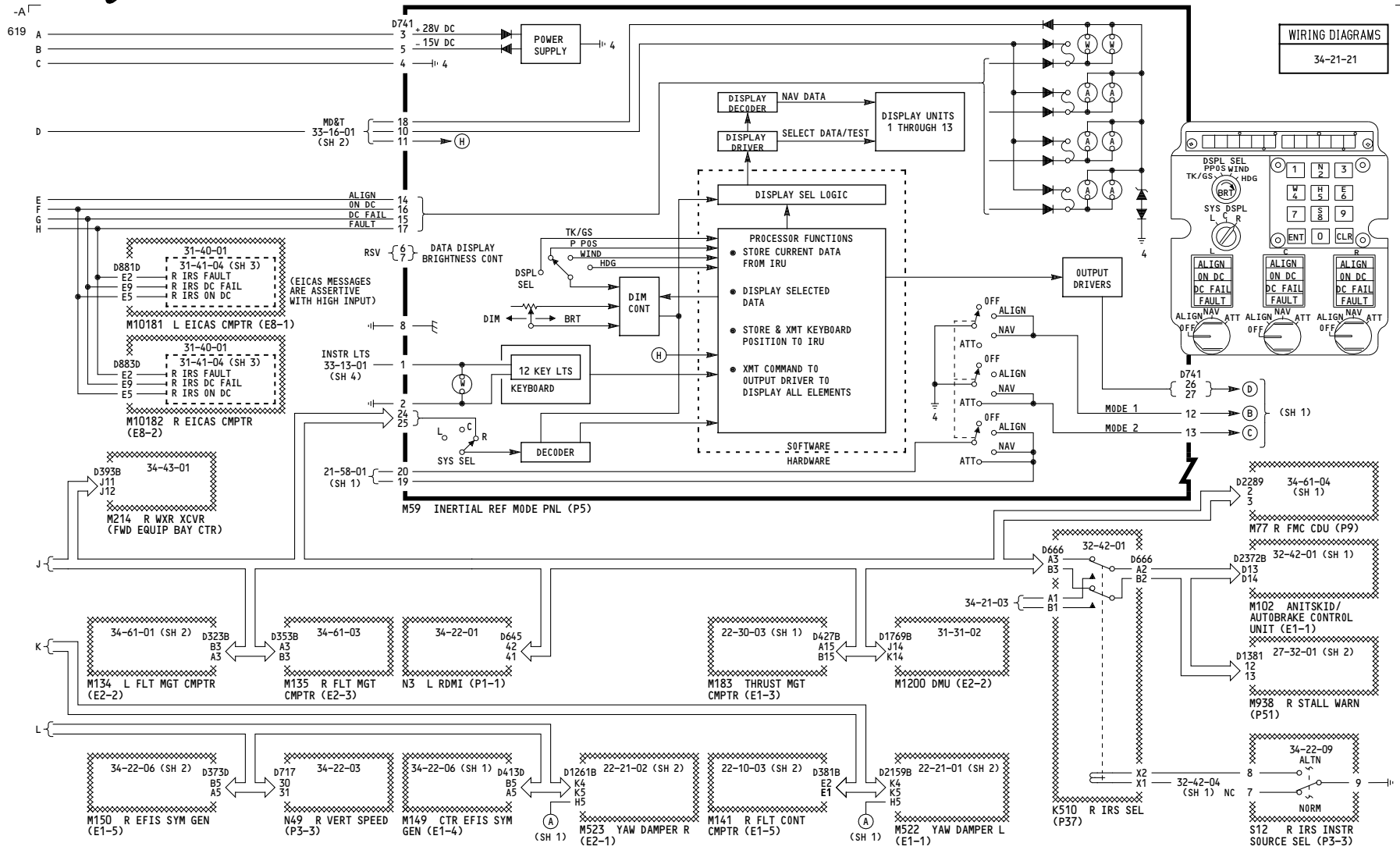
632



150-156, 162-167	INERTIAL REFERENCE-RIGHT	Incorporates 34-0100 34-0206 R01
D280T232		

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150-156, 162-167

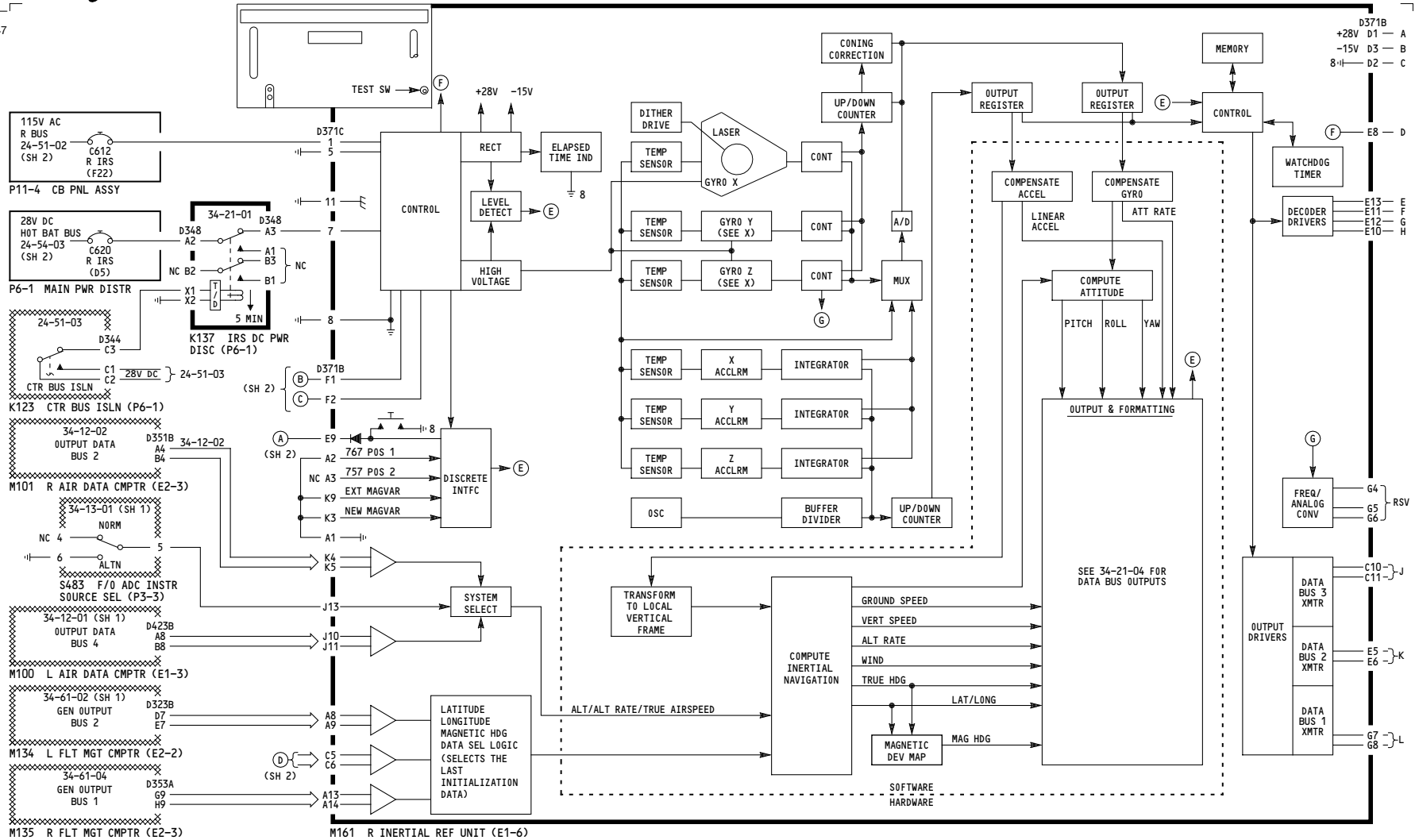
INERTIAL REFERENCE-RIGHT

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D371B
+28V D1 - A
-15V D3 - B
8-11 D2 - C
E8 - D
E13 - E
E11 - F
E12 - G
E10 - H

G4
G5
G6 } RSV

C10 } J
C11 } J
E5 } K
E6 } K
G7 } L
G8 } L

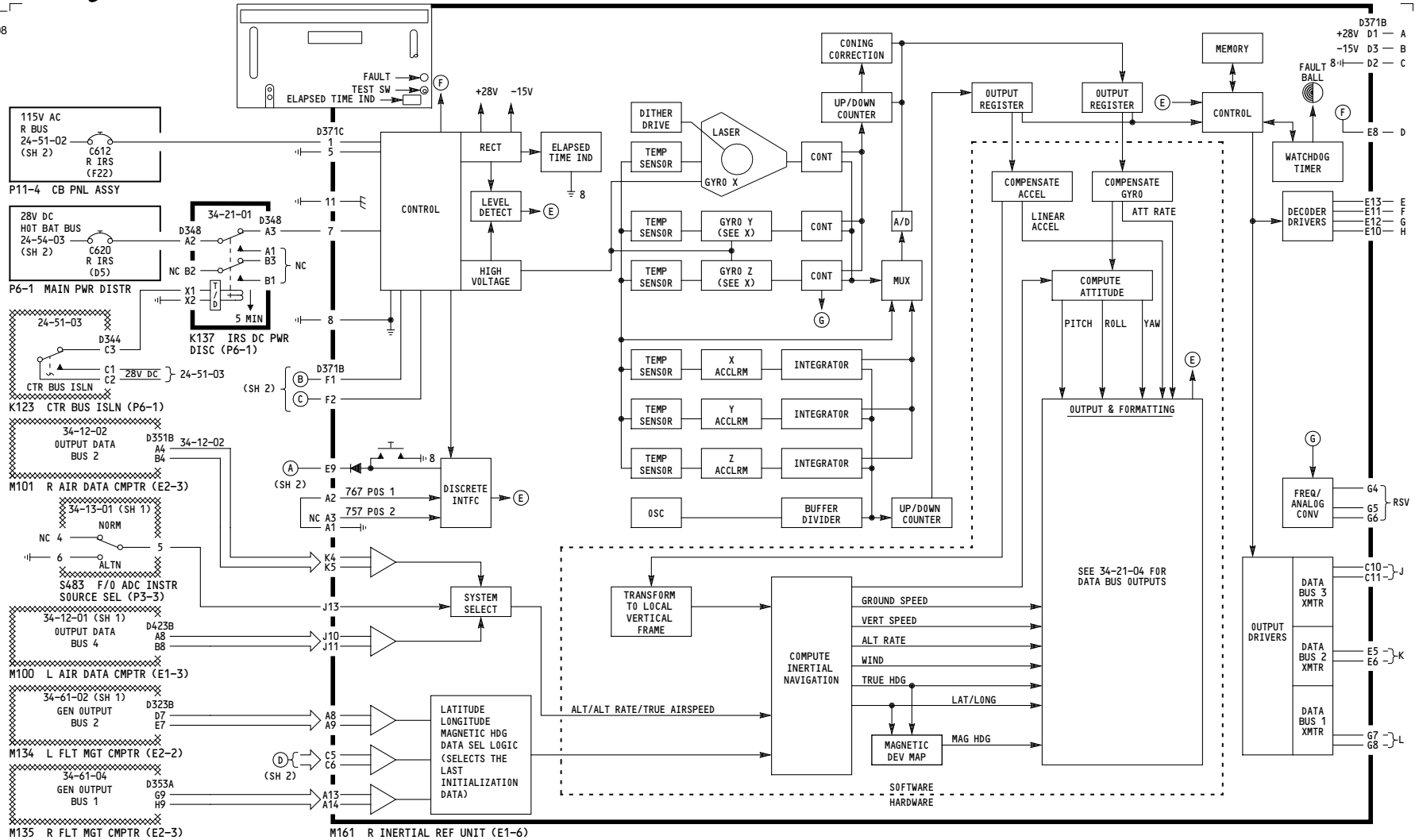
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Incorporates
 34-0100
 34-0206 R01

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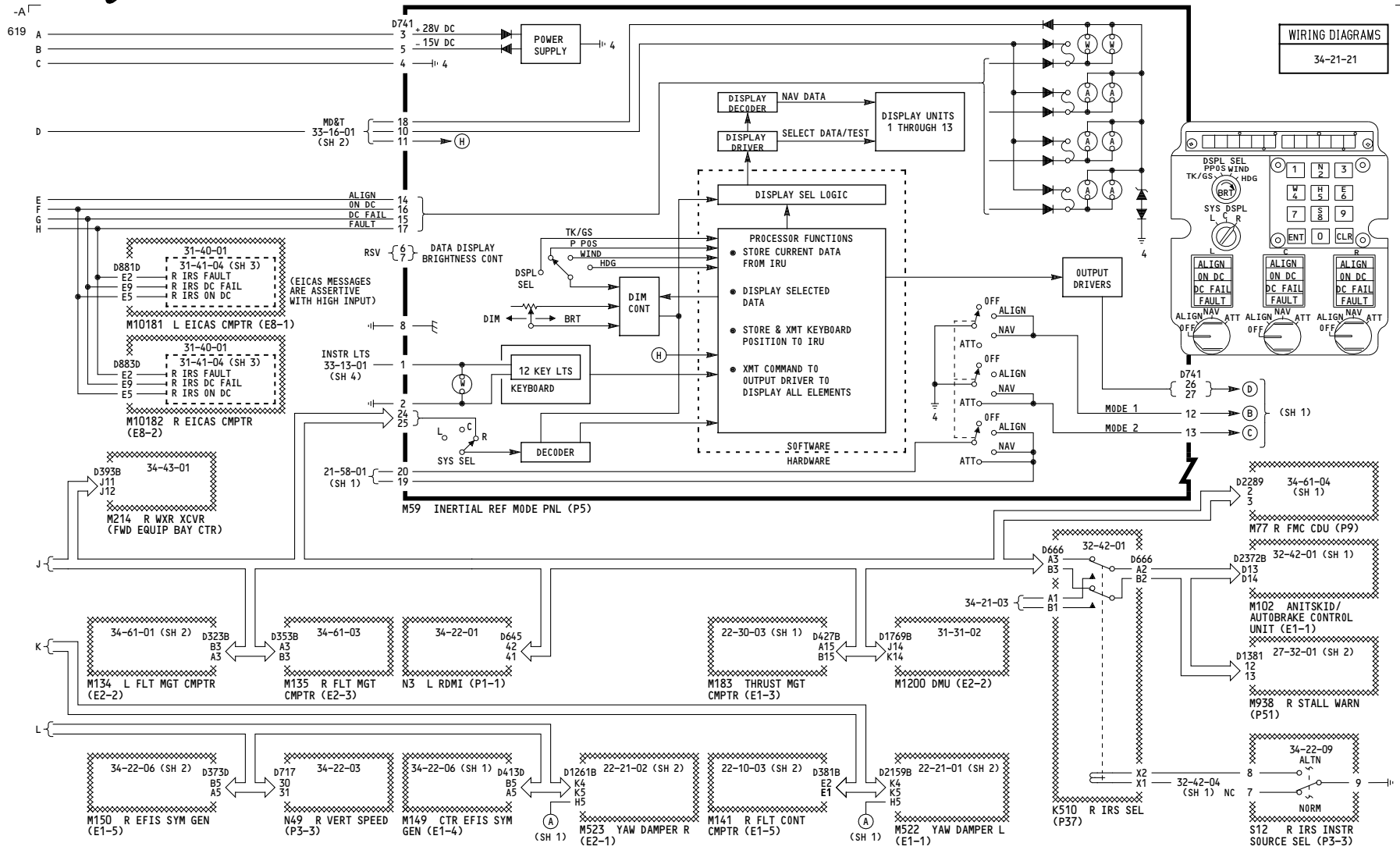
275-276

**INERTIAL REFERENCE-
RIGHT**

D280T232

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WIRING DIAGRAMS
34-21-21

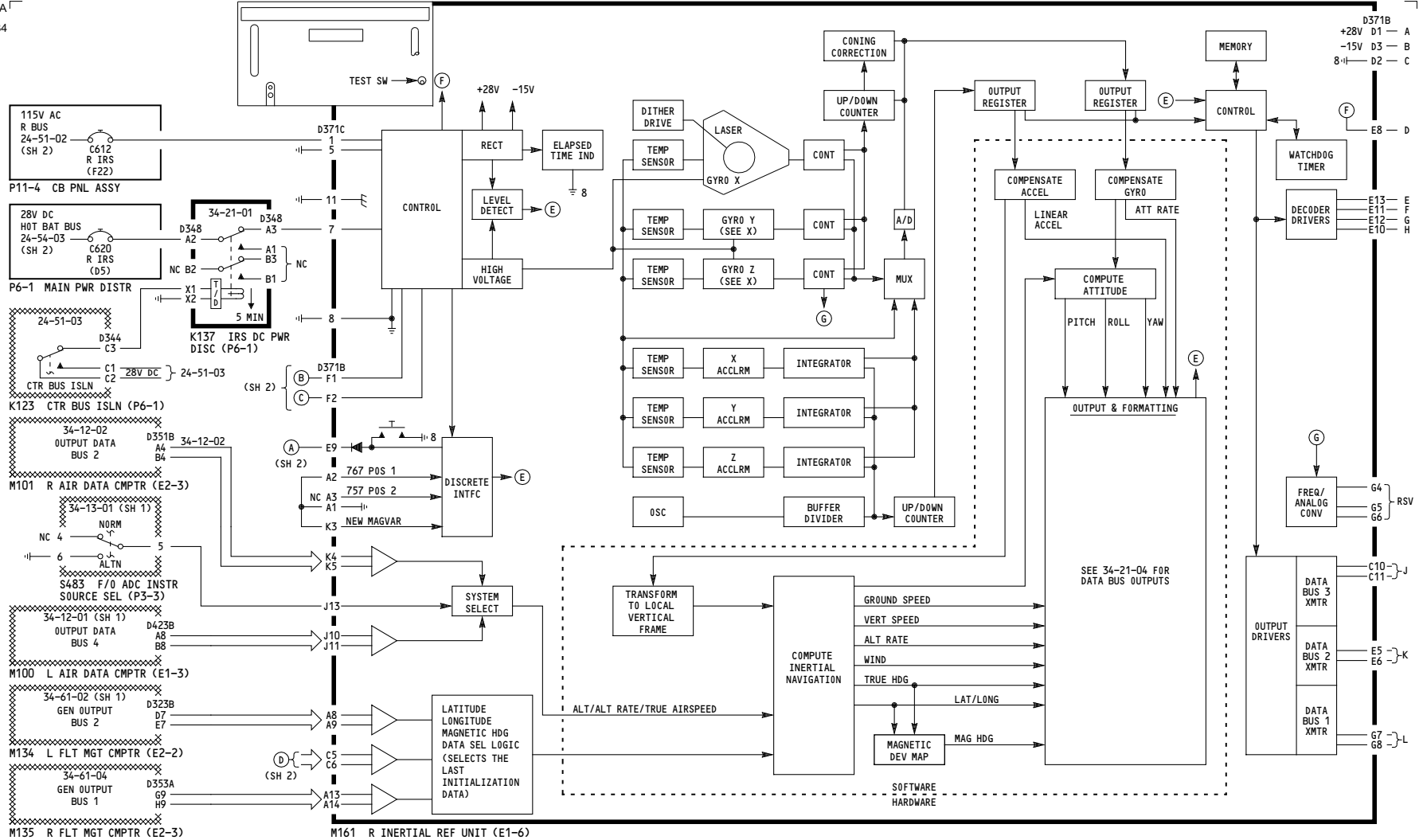
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INERTIAL REFERENCE-RIGHT

D280T232

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634



275-276

**INERTIAL REFERENCE-
RIGHT**

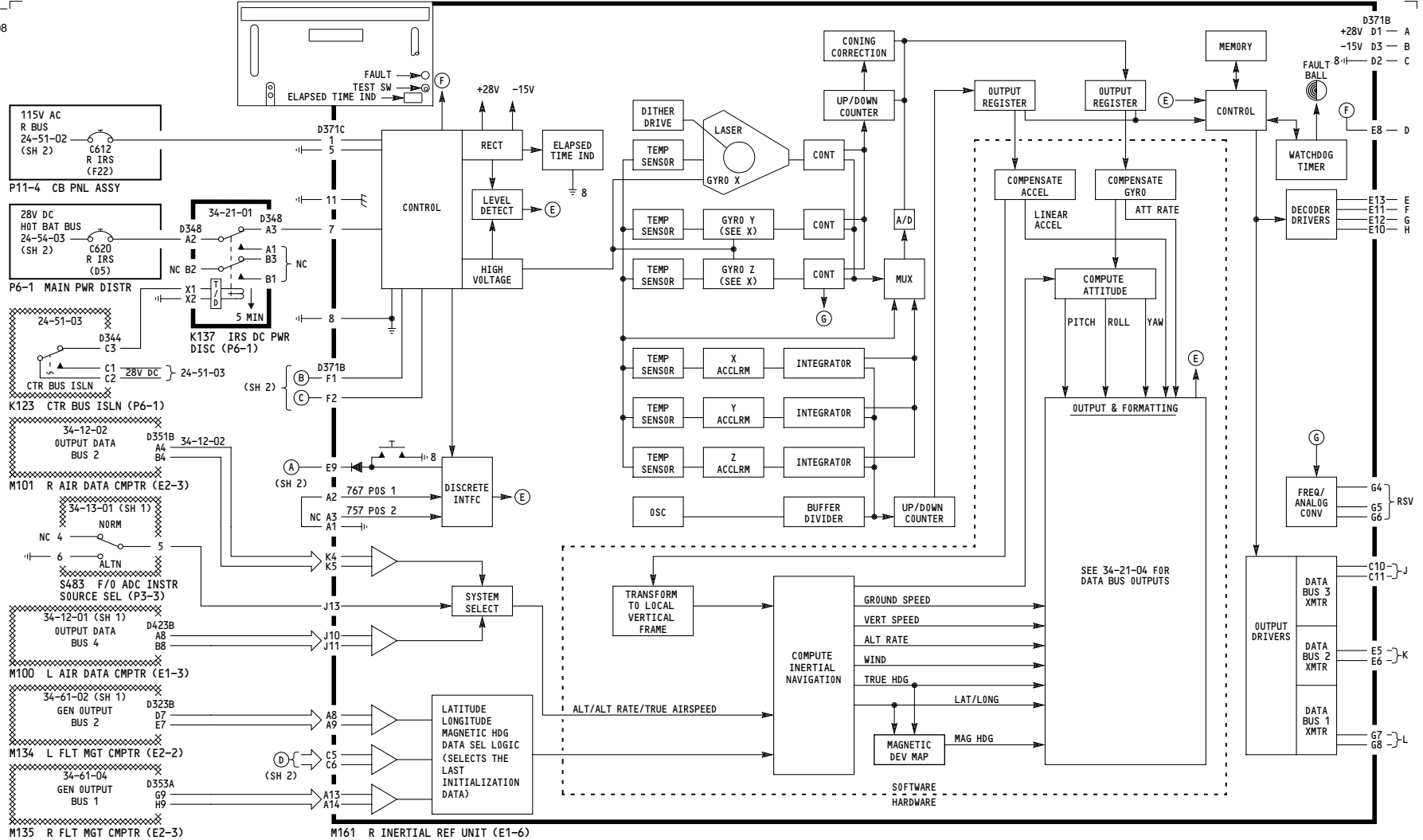
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34-0202

D280T232

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Mar 14/2007

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277-299

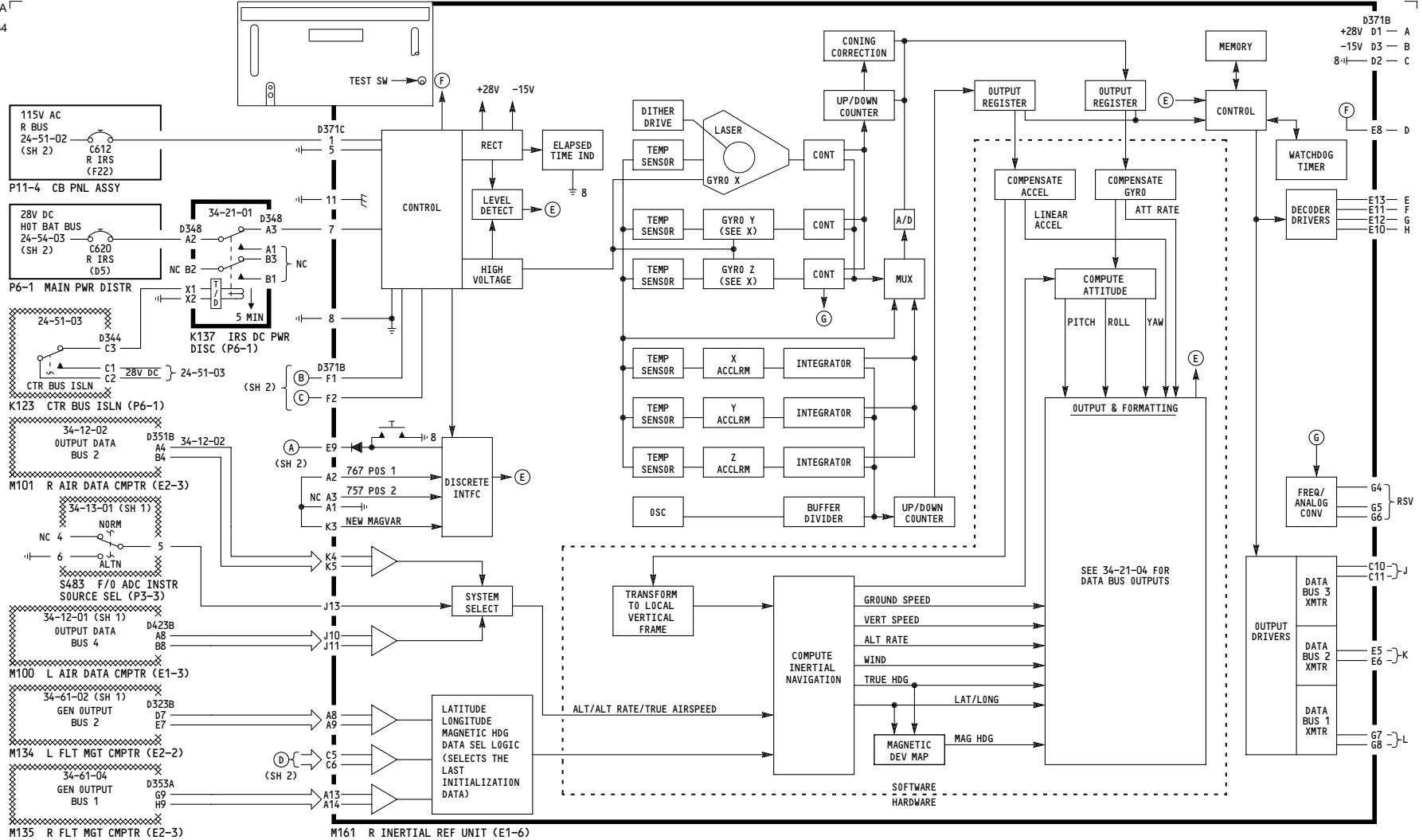
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RIGHT**

D280T232

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277-280

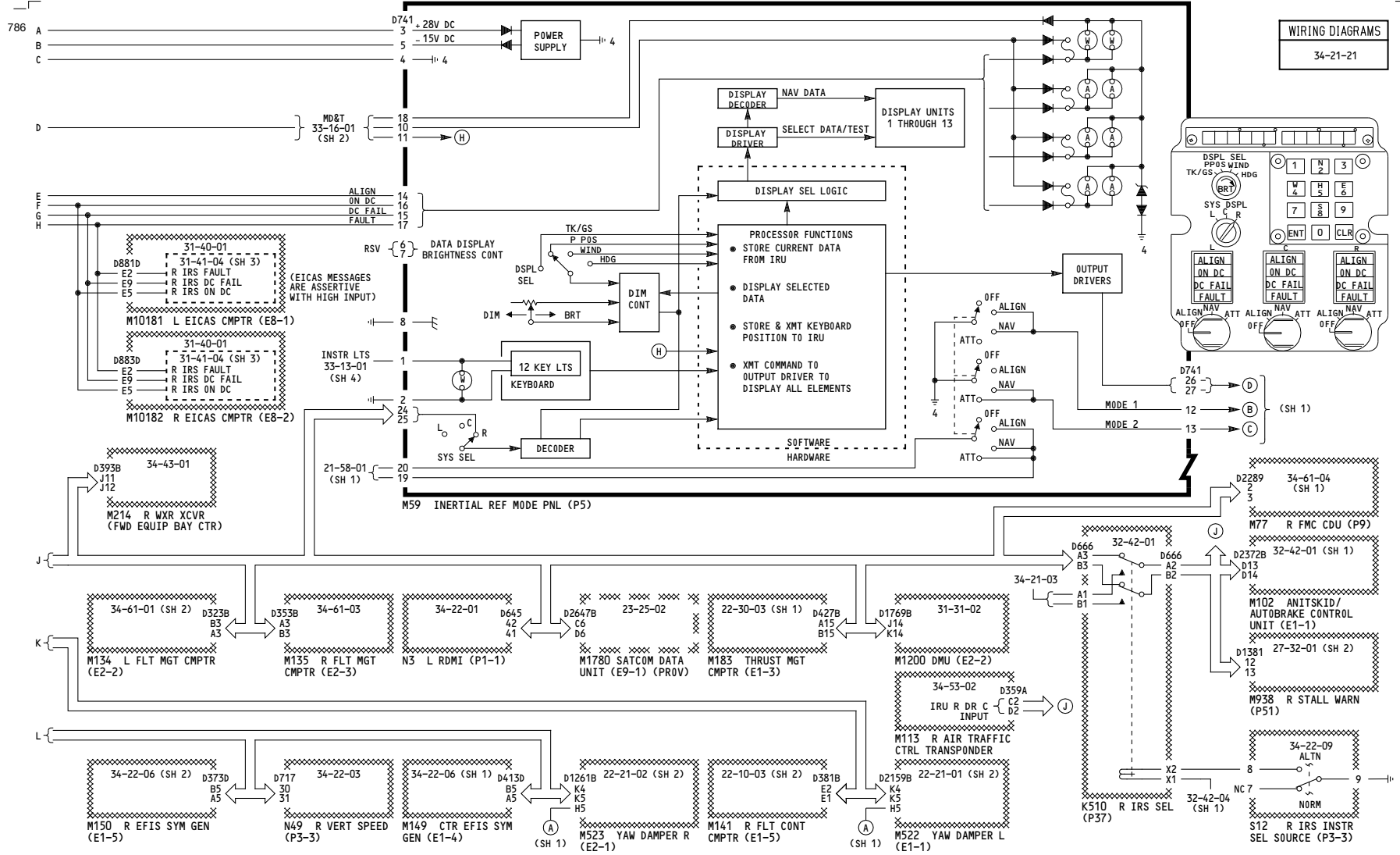
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Incorporates
34-0202

D280T232

34-21-02

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Mar 14/2007



277-280

INERTIAL REFERENCE-RIGHT

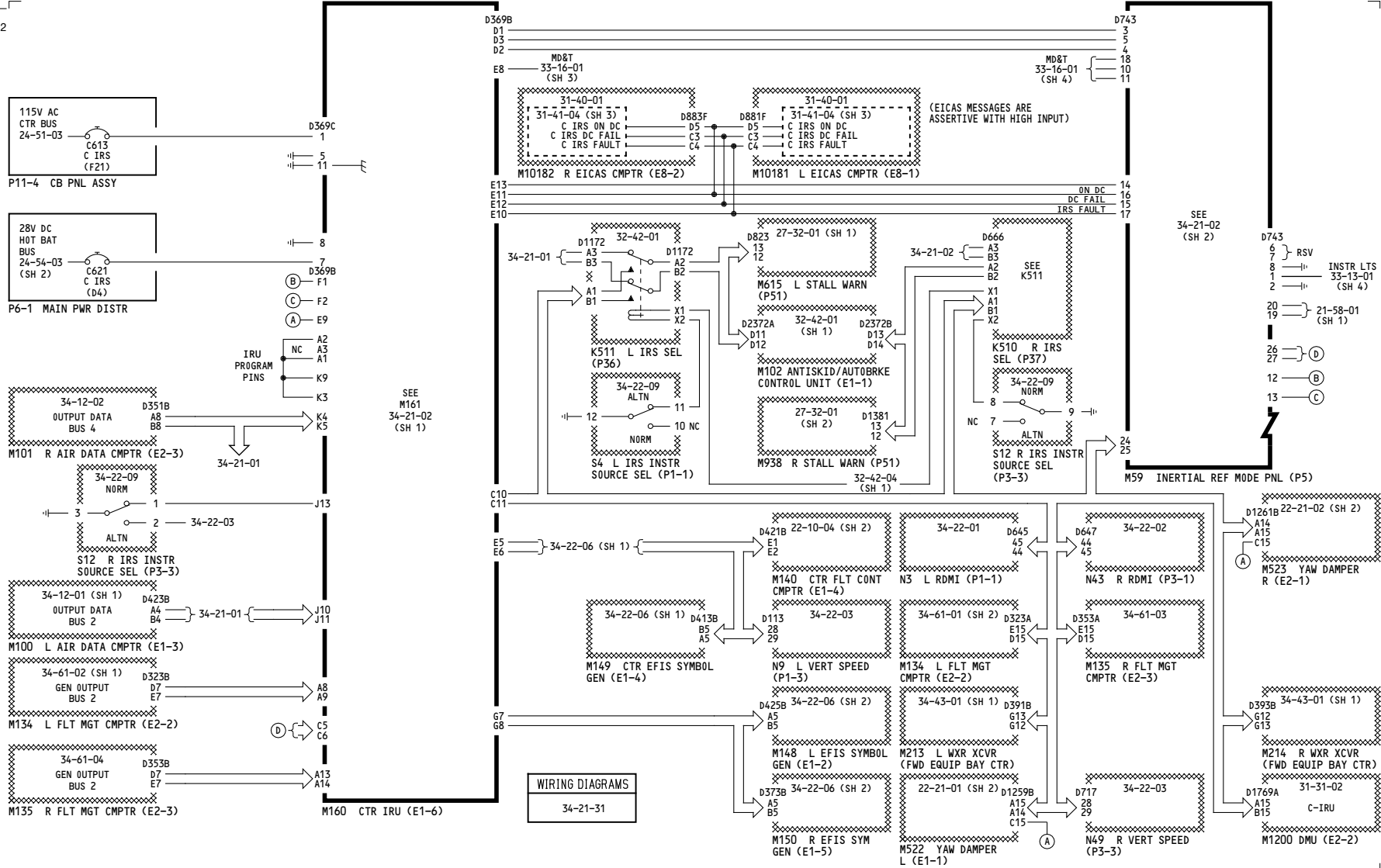
Incorporates
ECO EB34-0360-02

D280T232

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150-156, 162-167

INERTIAL REFERENCE-CENTER

- Incorporates
- ▶▶ 34-0100
- ▶▶ 34-0206 R01

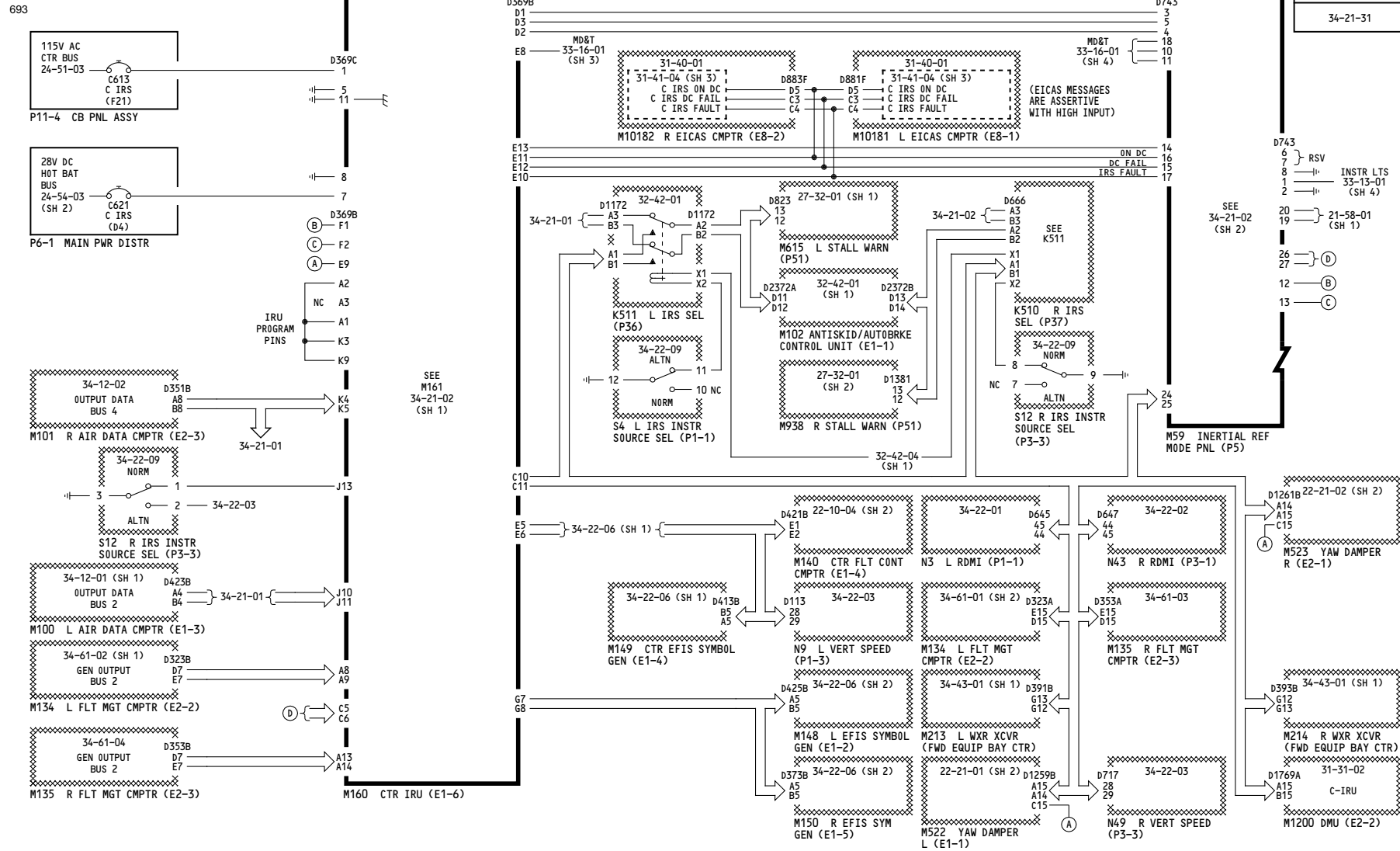
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34-21-03

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WIRING DIAGRAMS
34-21-31



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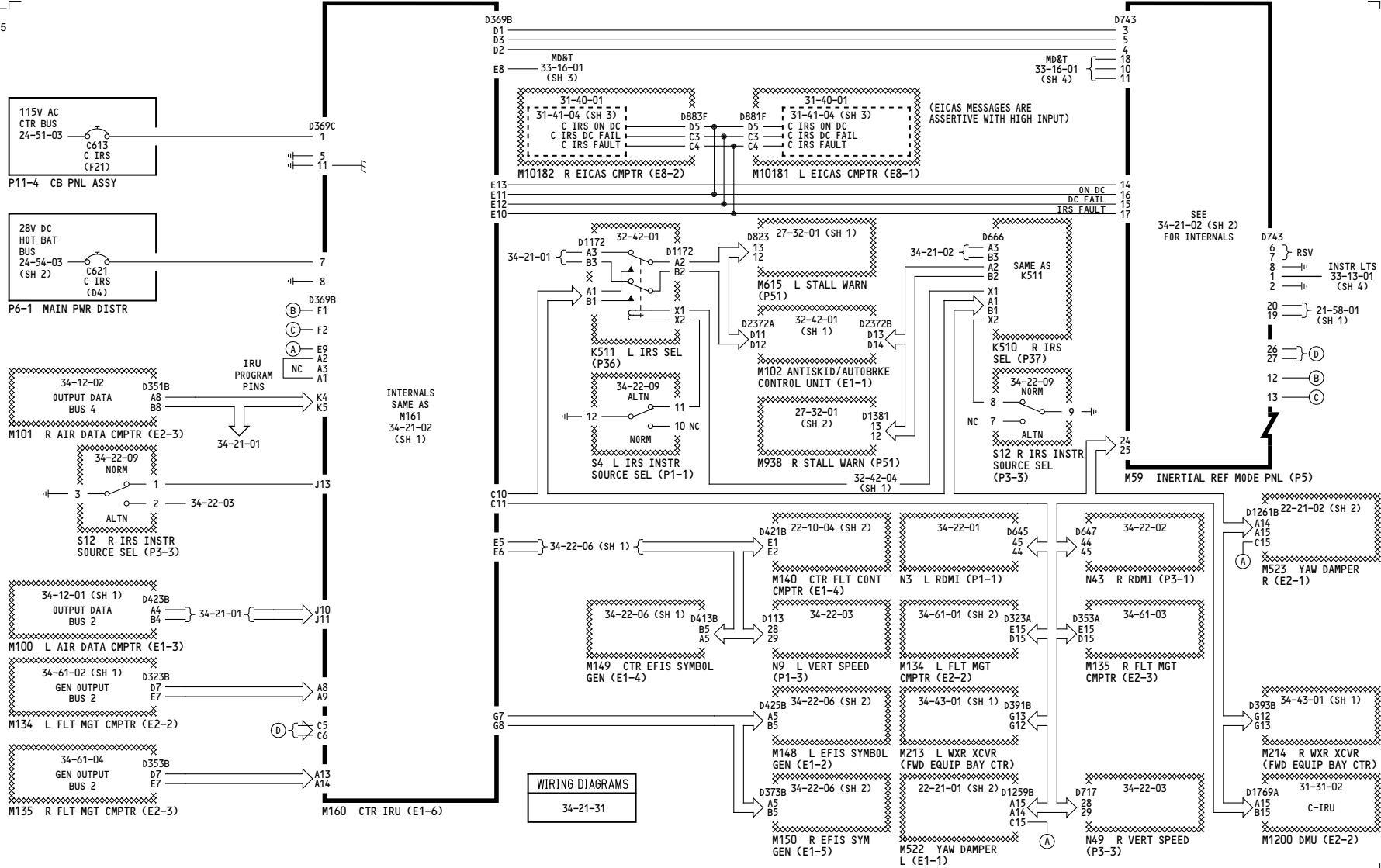
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D280T232

Incorporates
 34-0100
 34-0206 R01

34-21-03

615



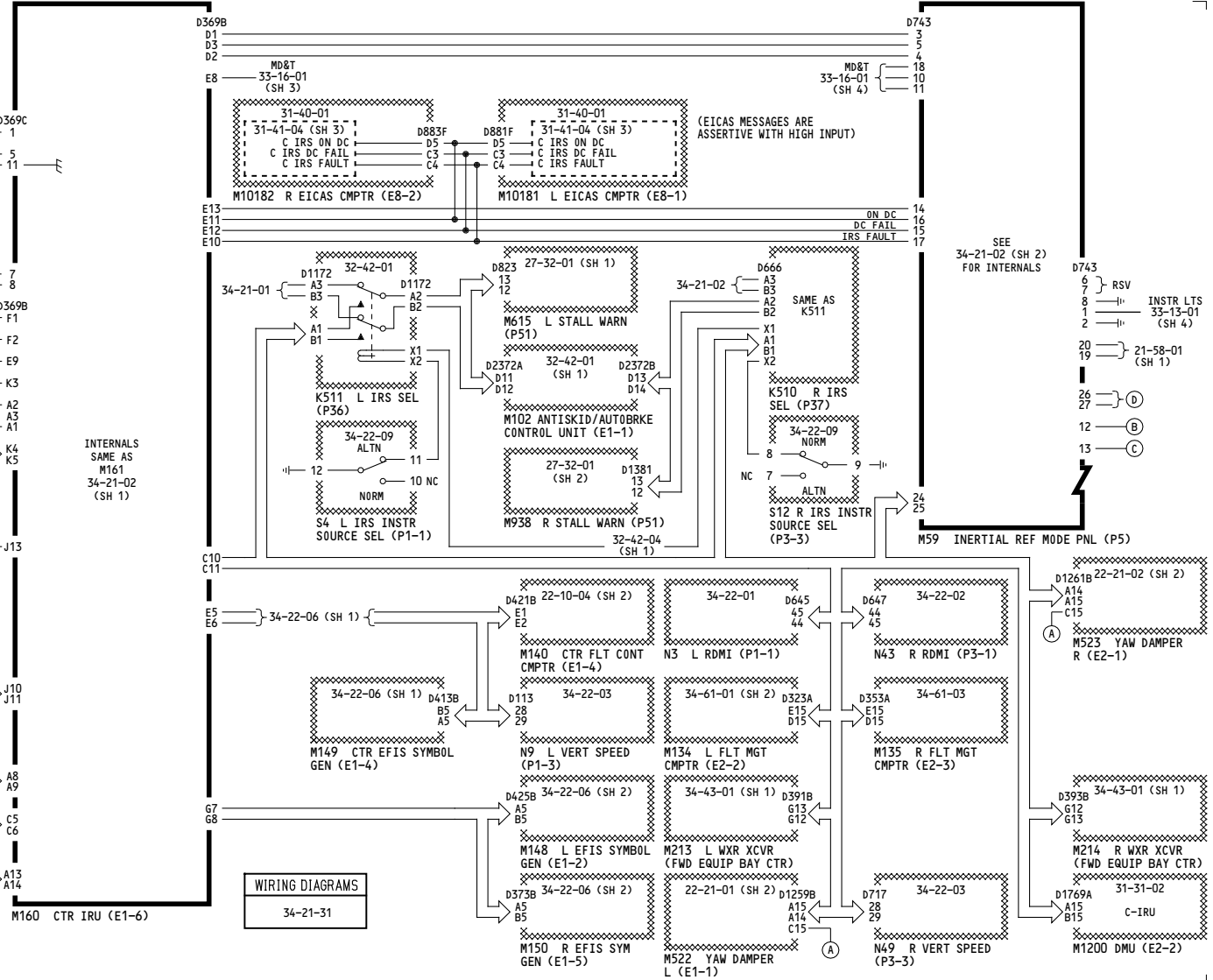
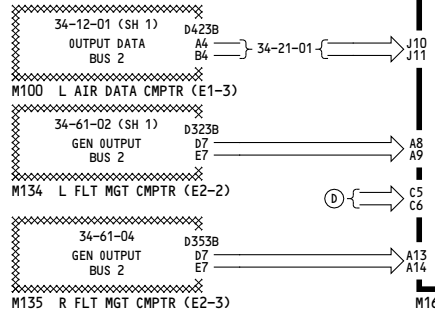
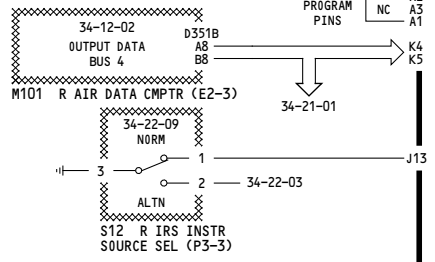
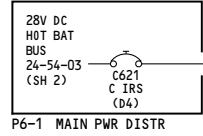
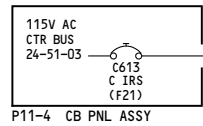
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34-21-03

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WIRING DIAGRAMS 34-21-31

275-280

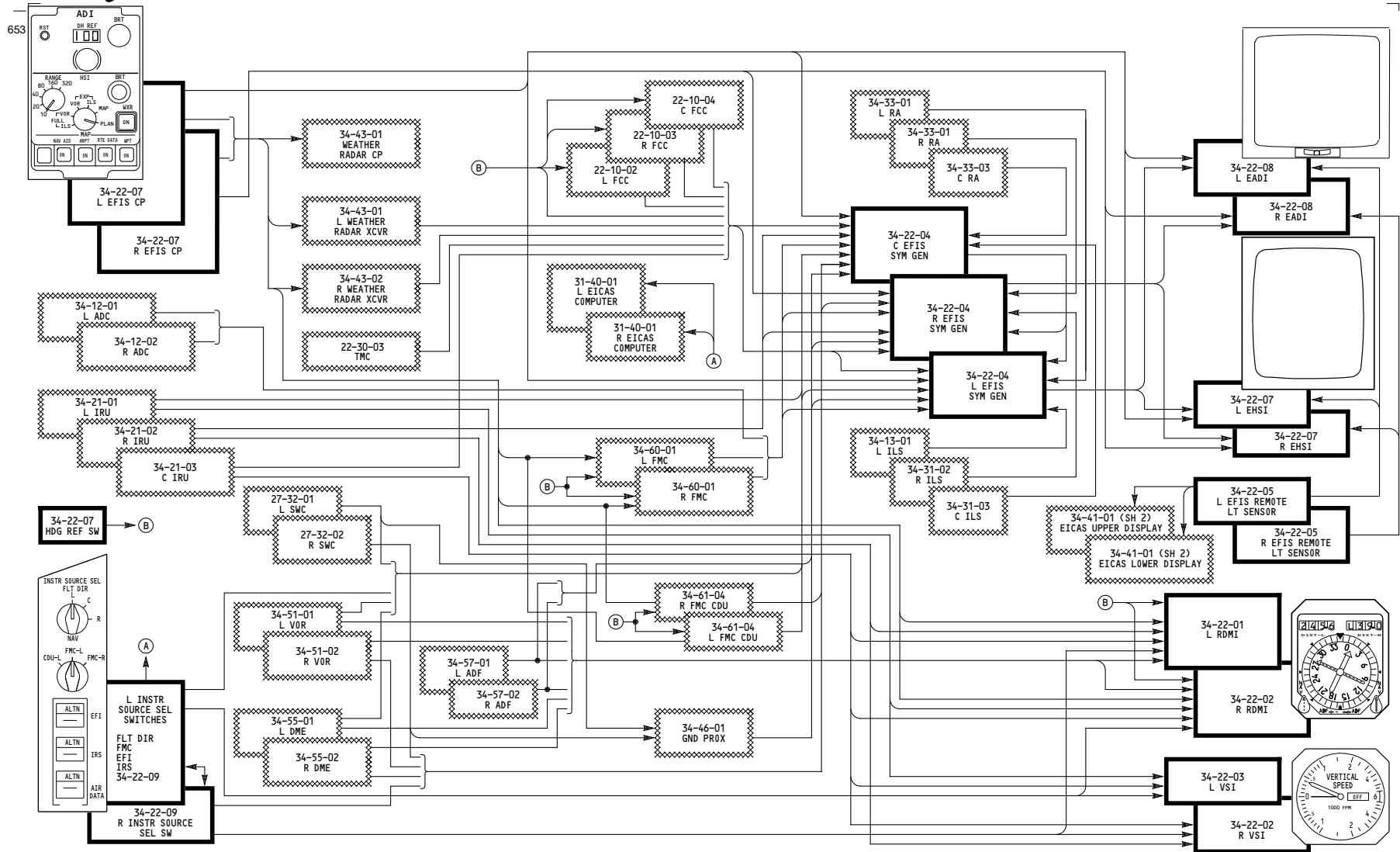
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Incorporates 34-0202

34-21-03

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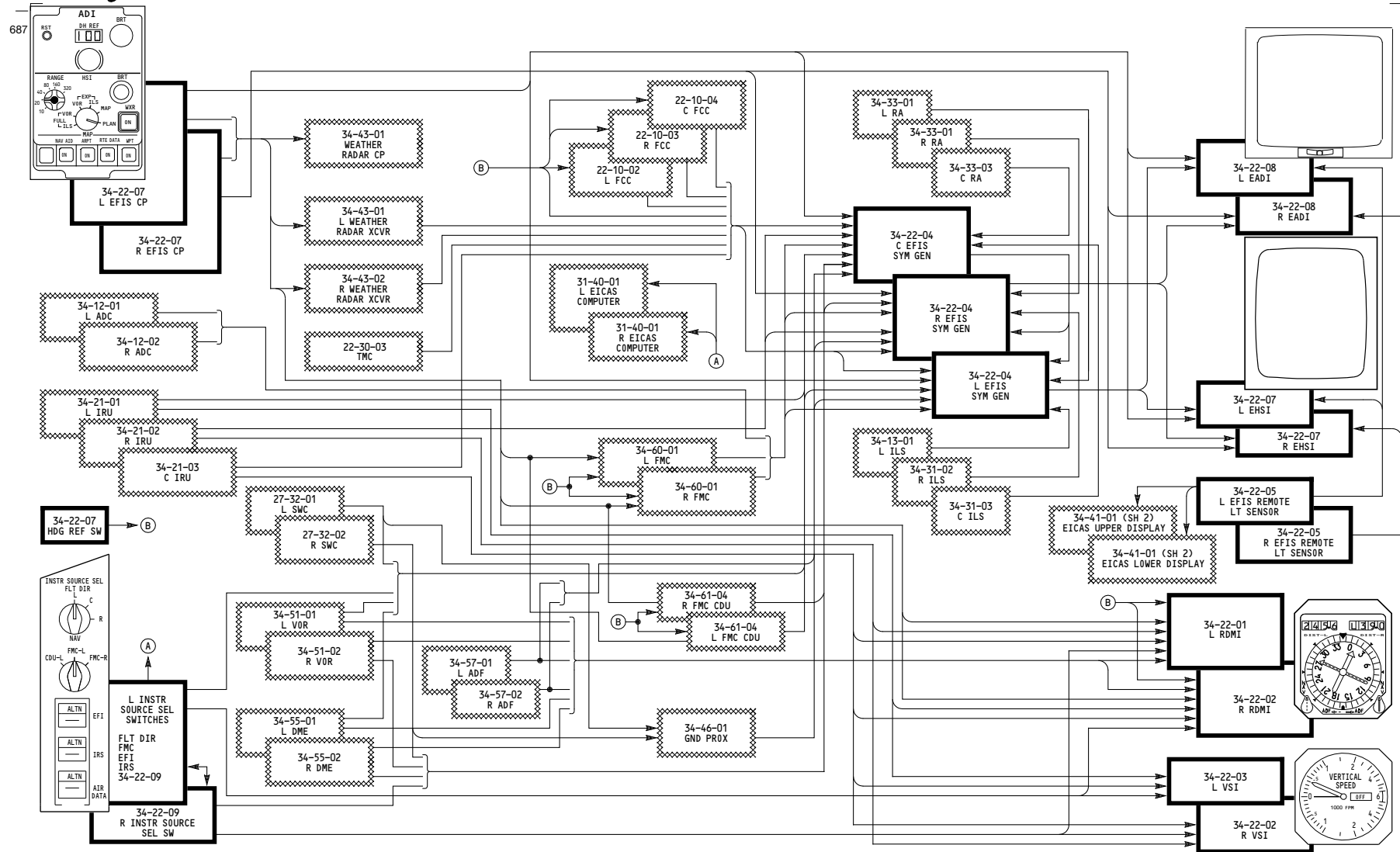


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FLIGHT INSTRUMENTS - SIMPLIFIED

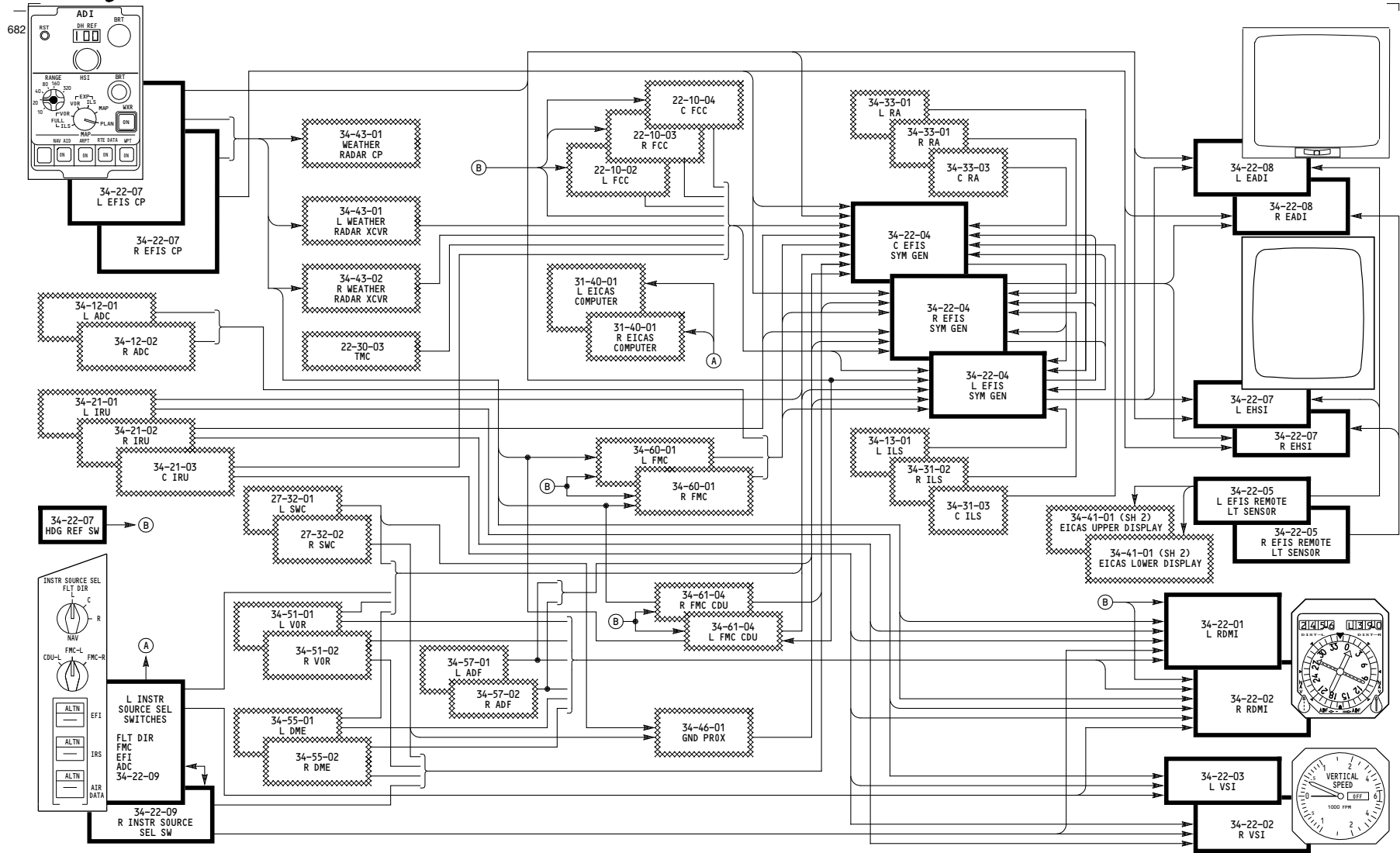
D280T232

34-22-00



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34-22-00



280-299

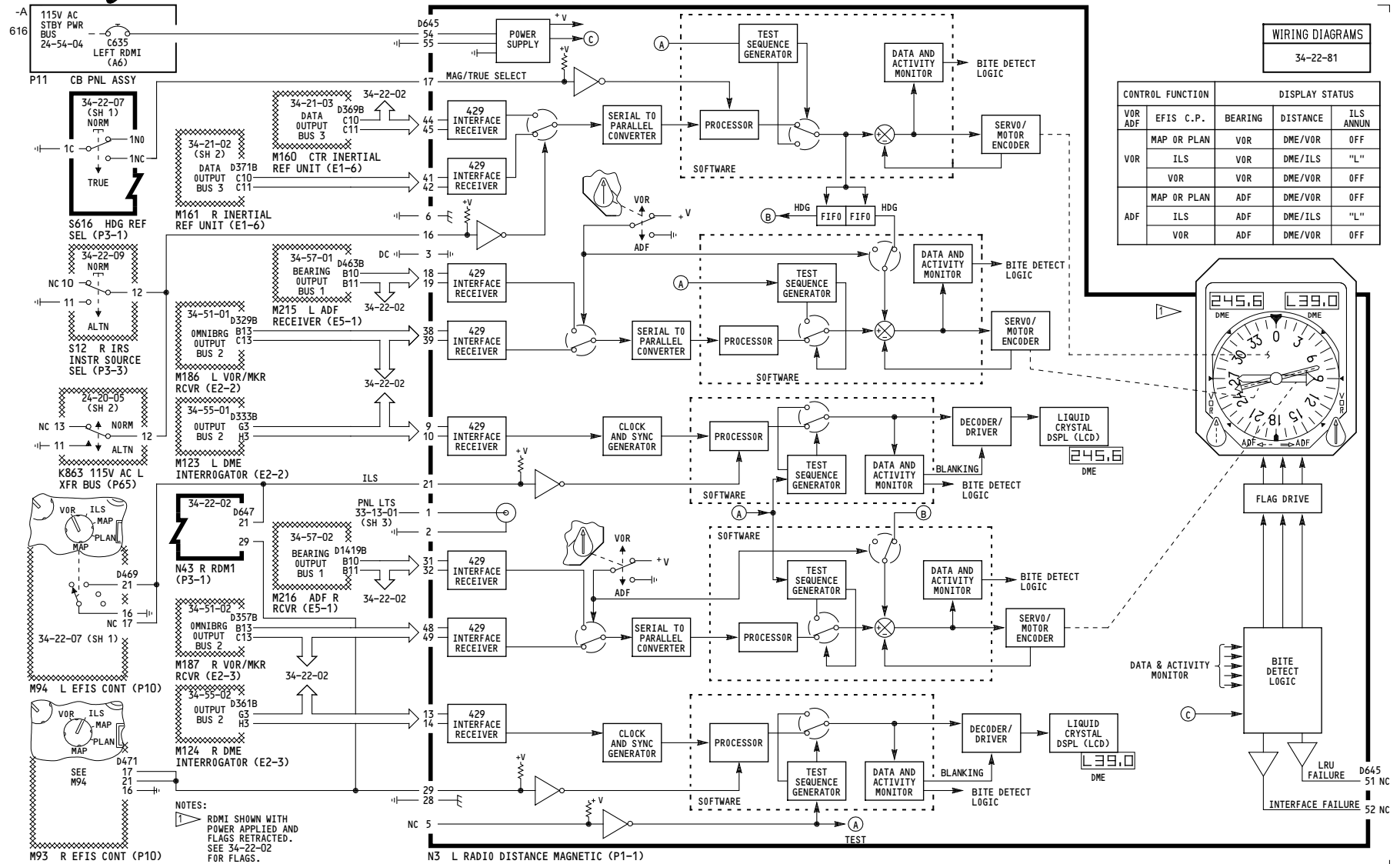
FLIGHT INSTRUMENTS - SIMPLIFIED

D280T232

34-22-00

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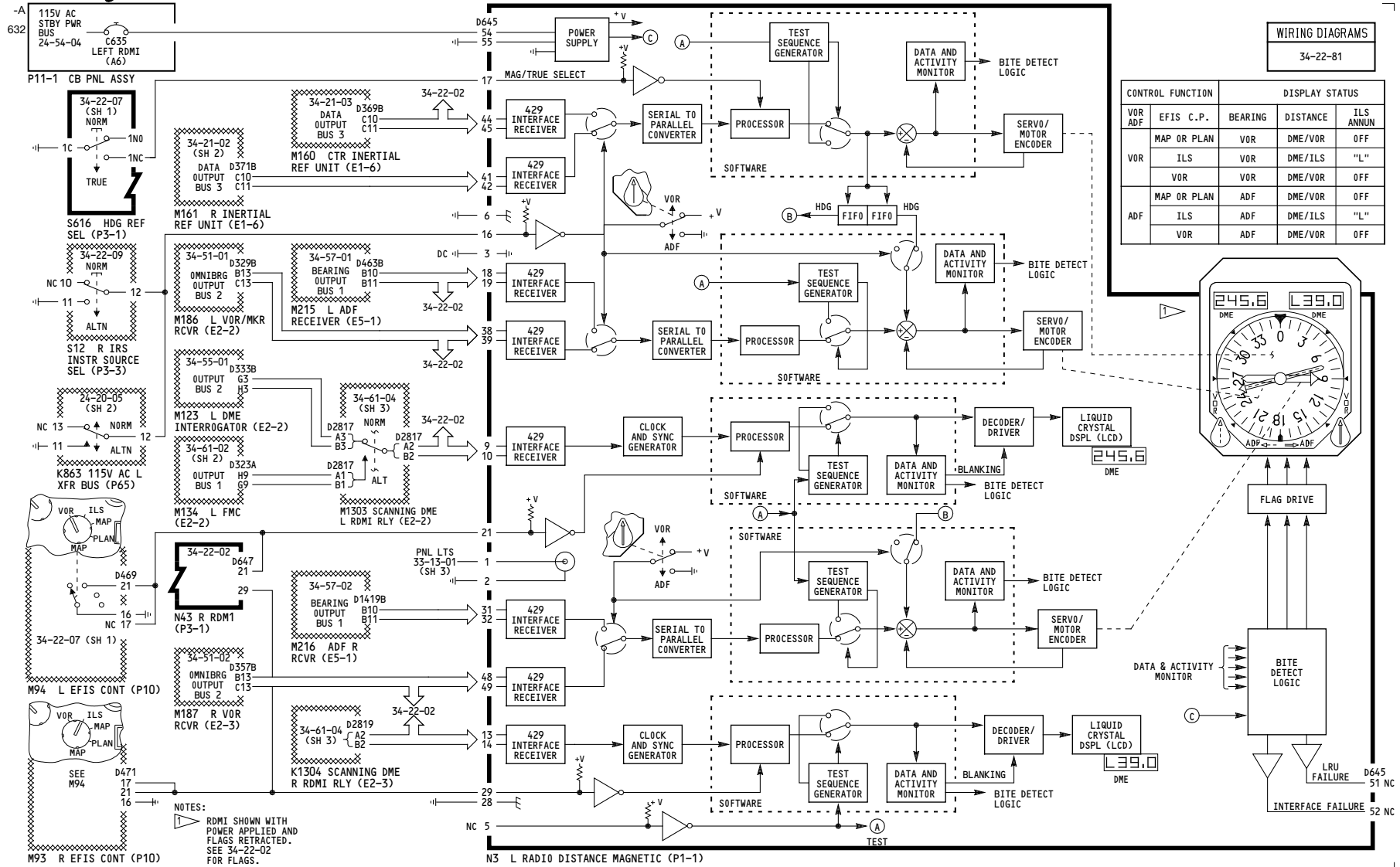


050-099, 150-156, 162-166

RADIO DISTANCE MAGNETIC INDICATOR, BEARING HEADING AND DISTANCE

D280T232

34-22-01



157, 167-199

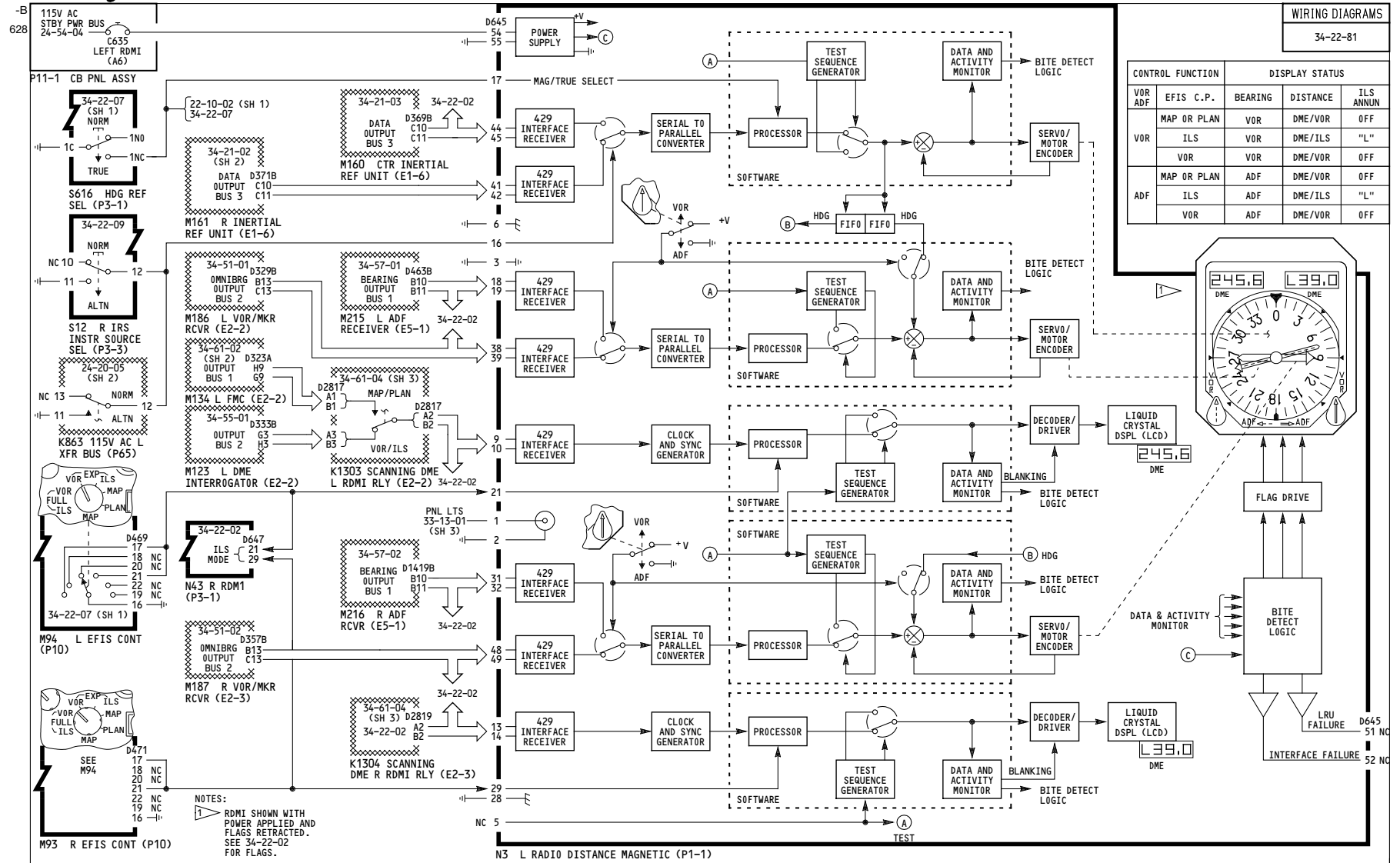
RADIO DISTANCE MAGNETIC INDICATOR, BEARING HEADING AND DISTANCE

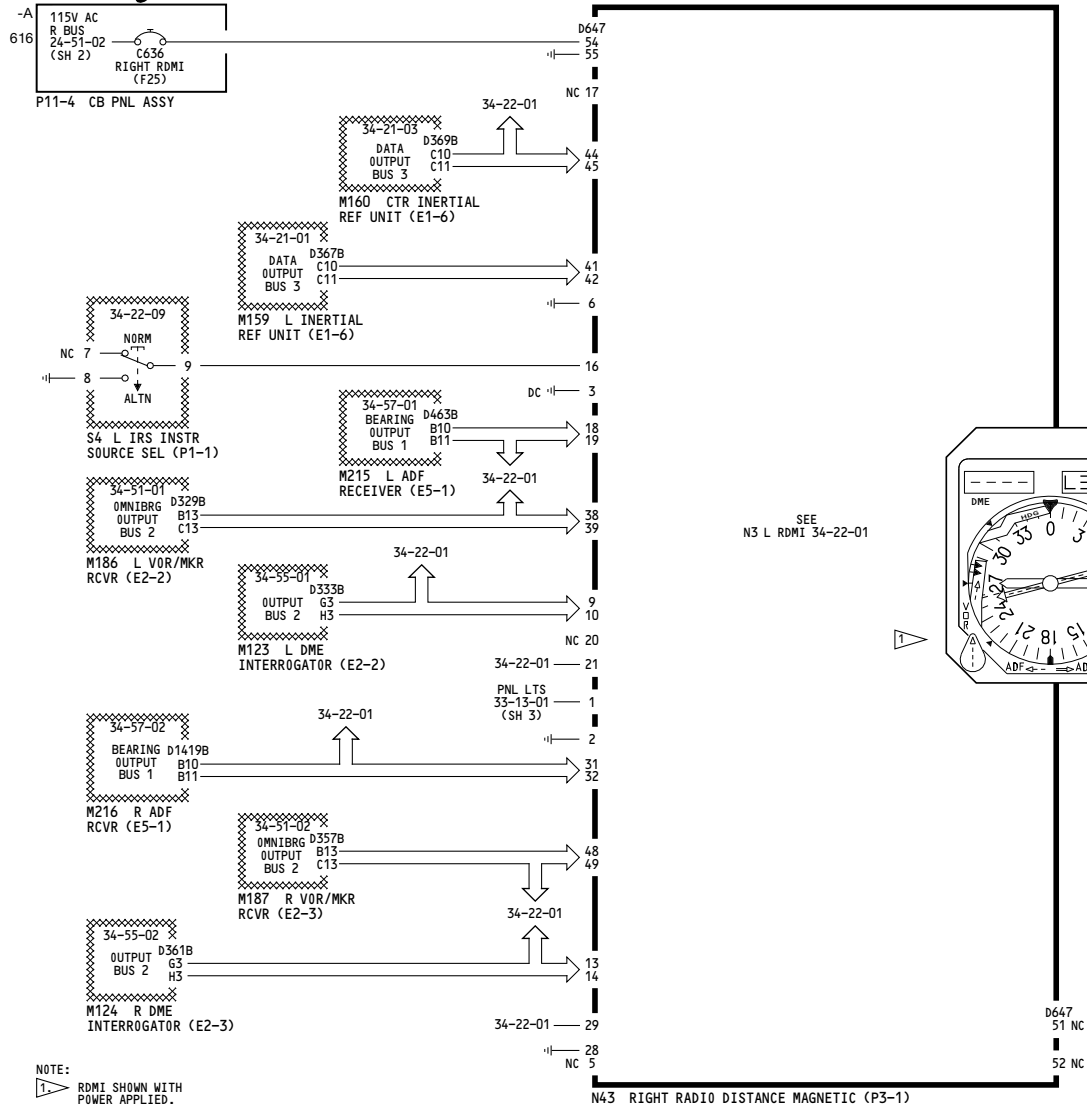
D280T232

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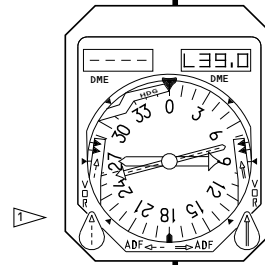
WIRING DIAGRAMS
34-22-91

CONTROL FUNCTION		DISPLAY STATUS		
VOR/ADF	EFIS C.P.	BEARING	DISTANCE	ILS ANNUN
VOR	MAP OR PLAN	VOR	DME/VOR	OFF
	ILS	VOR	DME/ILS	"L"
ADF	MAP OR PLAN	ADF	DME/VOR	OFF
	ILS	ADF	DME/ILS	"L"
	VOR	ADF	DME/VOR	OFF

RDMI FAULT CONDITIONS AND EFFECTS

CONDITION	HGD FLAG	VOR BRG FLAG	ADF BRG FLAG	DISTANCE DISPLAY
LOSS OF PMR	YES	YES	YES	BLANKED
FAILURE DETECTED BY INTEGRAL MONITOR	YES	YES	YES	BLANKED
HGD INPUT TO BRG PROCESSOR INVALID	YES	YES	NO	NORMAL
HGD SERVO MODULE FAULT	YES	NO	NO	NORMAL
VOR BRG DATA INVALID	NO	YES	NO	NORMAL
ADF DATA INVALID	NO	NO	YES	NORMAL
HGD DATA INVALID	YES	YES	NO	NORMAL
DME DISTANCE DATA INVALID	NO	NO	NO	BLANKED
NO COMPUTED DATA	YES	YES	YES	WHT DASHES ON BLK BACKGROUND
DME/ILS ANNUN LOGIC INVALID	NO	NO	NO	BLANKED
MAG/TRU DISCRETE = TRU HDG	NO	YES	NO	NORMAL

YES = FLAG IN VIEW, NO = FLAG OUT OF VIEW.



SEE
N3 L RDMI 34-22-01

150-156, 162-166

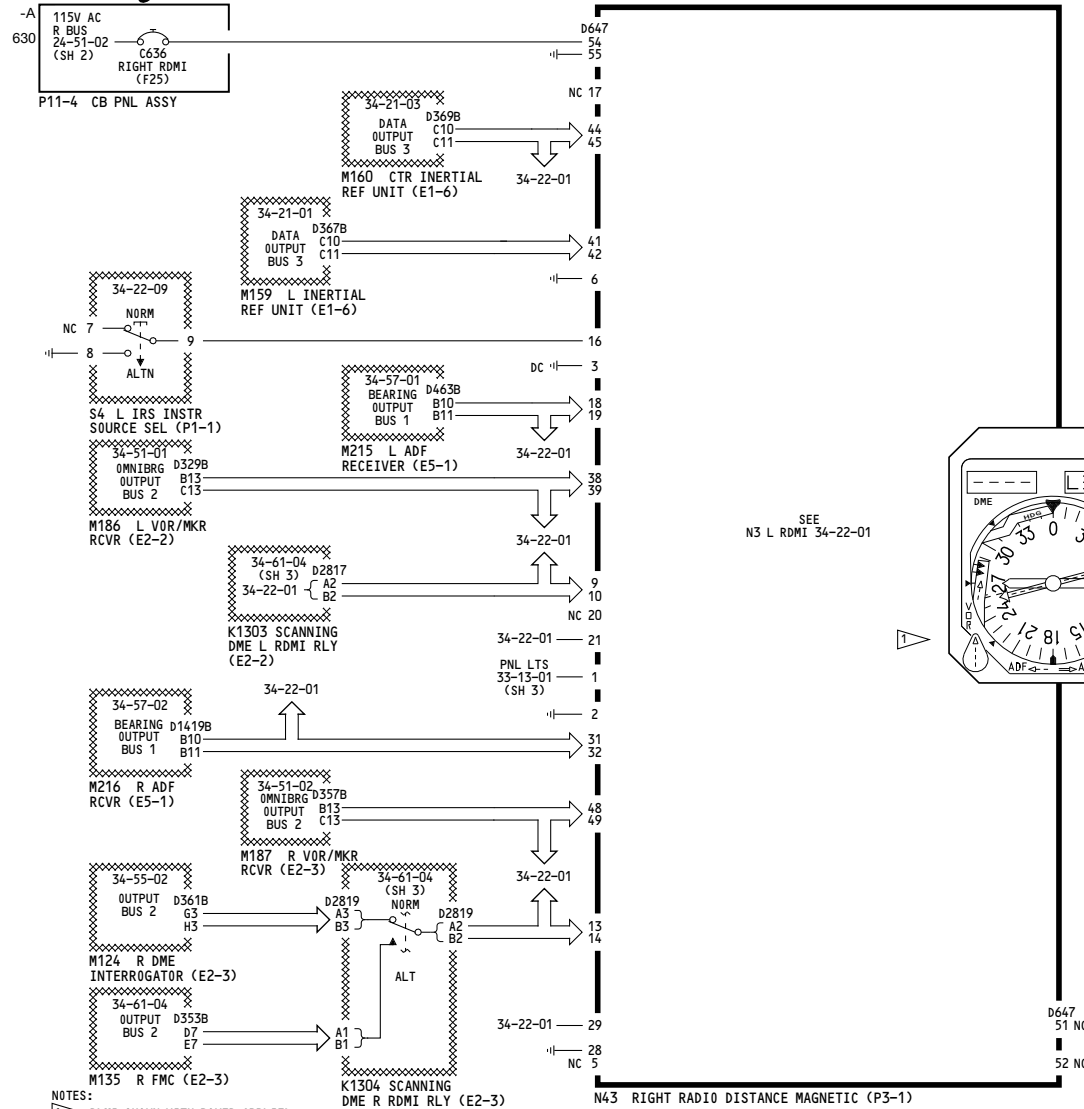
**RADIO DISTANCE MAGNETIC
INDICATOR, BEARING
HEADING AND DISTANCE**

D280T232

34-22-02

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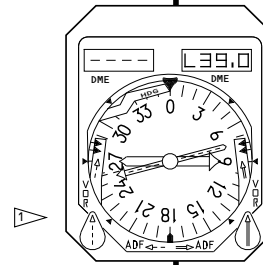
WIRING DIAGRAMS
34-22-91

CONTROL FUNCTION		DISPLAY STATUS		
VOR ADF	EFIS C.P.	BEARING	DISTANCE	ILS ANNUN
VOR	MAP OR PLAN	VOR	DME/VOR	OFF
	ILS	VOR	DME/ILS	"L"
ADF	MAP OR PLAN	ADF	DME/VOR	OFF
	ILS	ADF	DME/ILS	"L"
	VOR	ADF	DME/VOR	OFF

RDMI FAULT CONDITIONS AND EFFECTS

CONDITION	HDG FLAG	VOR BRG FLAG	ADF BRG FLAG	DISTANCE DISPLAY
LOSS OF PWR	YES	YES	YES	BLANKED
FAILURE DETECTED BY INTEGRAL MONITOR	YES	YES	YES	BLANKED
HDG INPUT TO BRG PROCESSOR INVALID	YES	YES	NO	NORMAL
HDG SERVO MODULE FAULT	YES	NO	NO	NORMAL
VOR BRG DATA INVALID	NO	YES	NO	NORMAL
ADF DATA INVALID	NO	NO	YES	NORMAL
HDG DATA INVALID	YES	YES	NO	NORMAL
DME DISTANCE DATA INVALID	NO	NO	NO	BLANKED
NO COMPUTED DATA	YES	YES	YES	WHT DASHES ON BLK BACKGROUND
DME/ILS ANNUN LOGIC INVALID	NO	NO	NO	BLANKED
MAG/TRU DISCRETE = TRU HDG	NO	YES	NO	NORMAL

YES = FLAG IN VIEW, NO = FLAG OUT OF VIEW.



SEE
N3 L RDMI 34-22-01

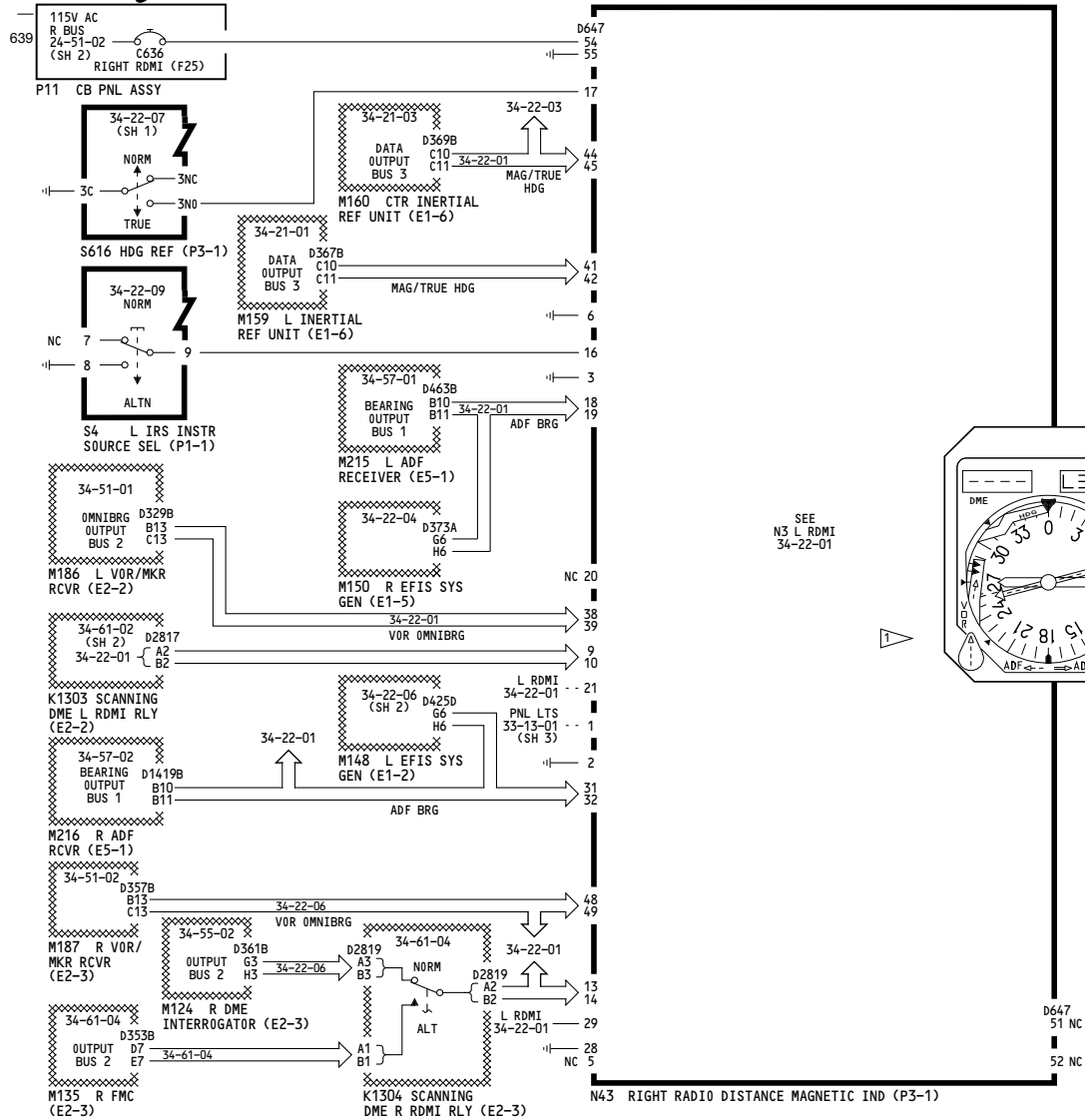
NOTES:
1 RDMI SHOWN WITH POWER APPLIED.

157, 167-199

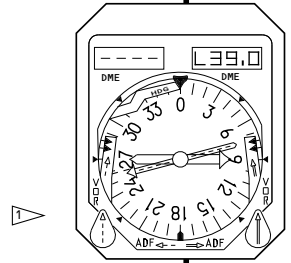
RADIO DISTANCE MAGNETIC INDICATOR, BEARING HEADING AND DISTANCE

D280T232

34-22-02



SEE
N3 L RDMI
34-22-01



NOTES:
1 RDMI SHOWN WITH POWER APPLIED

WIRING DIAGRAMS
34-22-91

CONTROL FUNCTION		DISPLAY STATUS		
VOR	EFIS C.P.	BEARING	DISTANCE	ILS ANNUN
VOR	MAP OR PLAN	VOR	DME/VOR	OFF
	ILS	VOR	DME/ILS	"L"
ADF	MAP OR PLAN	ADF	DME/VOR	OFF
	ILS	ADF	DME/ILS	"L"
VOR	VOR	VOR	DME/VOR	OFF
	VOR	ADF	DME/VOR	OFF

RDMI FAULT CONDITIONS AND EFFECTS

EFFECT	HDG FLAG	VOR BRG FLAG	ADF BRG FLAG	DISTANCE DISPLAY
LOSS OF PMR	YES	YES	YES	BLANKED
FAILURE DETECTED BY INTEGRAL MONITOR	YES	YES	YES	BLANKED
HDG INPUT TO BRG PROCESSOR INVALID	YES	YES	NO	NORMAL
HDG SERVO MODULE FAULT	YES	NO	NO	NORMAL
VOR BRG DATA INVALID	NO	YES	NO	NORMAL
ADF DATA INVALID	NO	NO	YES	NORMAL
HDG DATA INVALID	YES	YES	NO	NORMAL
DME DISTANCE DATA INVALID	NO	NO	NO	BLANKED
NO COMPUTED DATA	YES	YES	YES	WHT DASHES ON BLK BACKGROUND
MAG/TRU DISCRETE = TRU HDG	NO	YES	NO	NORMAL
DME/ILS ANNUN LOGIC INVALID	NO	NO	NO	BLANKED

YES = FLAG IN VIEW, NO = FLAG OUT OF VIEW.

275-276

RADIO DISTANCE MAGNETIC INDICATOR, BEARING HEADING AND DISTANCE

- Incorporates
- ▶ 34-0167
 - ▶ 34-0168

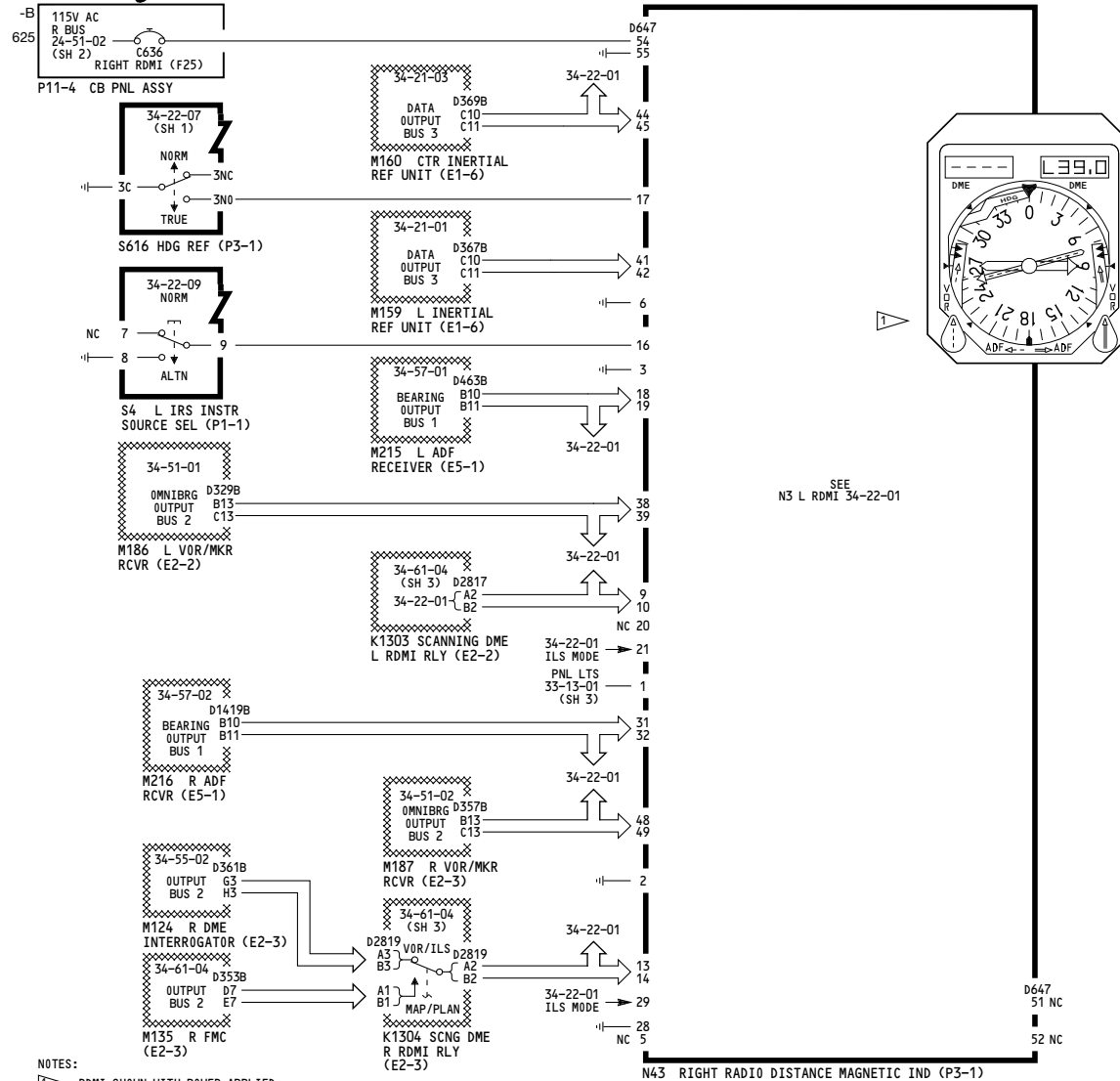
D280T232

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WIRING DIAGRAMS
34-22-91



CONTROL FUNCTION		DISPLAY STATUS			
VOR	EFIS C P	BEARING	DISTANCE	ILS ANNUN	
VOR	MAP OR PLAN	VOR	DME/VOR	OFF	
	ILS	VOR	DME/ILS	"L"	
	VOR	VOR	DME/VOR	OFF	
ADF	MAP OR PLAN	ADF	DME/VOR	OFF	
	ILS	ADF	DME/ILS	"L"	
	VOR	ADF	DME/VOR	OFF	

RDMI FAULT CONDITIONS AND EFFECTS

EFFECT / CONDITION	HDG FLAG	VOR BRG FLAG	ADF BRG FLAG	DISTANCE DISPLAY
LOSS OF PWR	YES	YES	YES	BLANKED
FAILURE DETECTED BY INTEGRAL MONITOR	YES	YES	YES	BLANKED
HDG INPUT TO BRG PROCESSOR INVALID	YES	YES	NO	NORMAL
HDG SERVO MODULE FAULT	YES	NO	NO	NORMAL
VOR BRG DATA INVALID	NO	YES	NO	NORMAL
ADF DATA INVALID	NO	NO	YES	NORMAL
HDG DATA INVALID	YES	YES	NO	NORMAL
DME DISTANCE DATA INVALID	NO	NO	NO	BLANKED
NO COMPUTED DATA	YES	YES	YES	WHT DASHES ON BLK BACKGROUND
MAG/TRU DISCRETE = TRU HDG	NO	YES	NO	NORMAL
DME/ILS ANNUN LOGIC INVALID	NO	NO	NO	BLANKED

YES = FLAG IN VIEW, NO = FLAG OUT OF VIEW.

NOTES:
1 RDMI SHOWN WITH POWER APPLIED

277-299

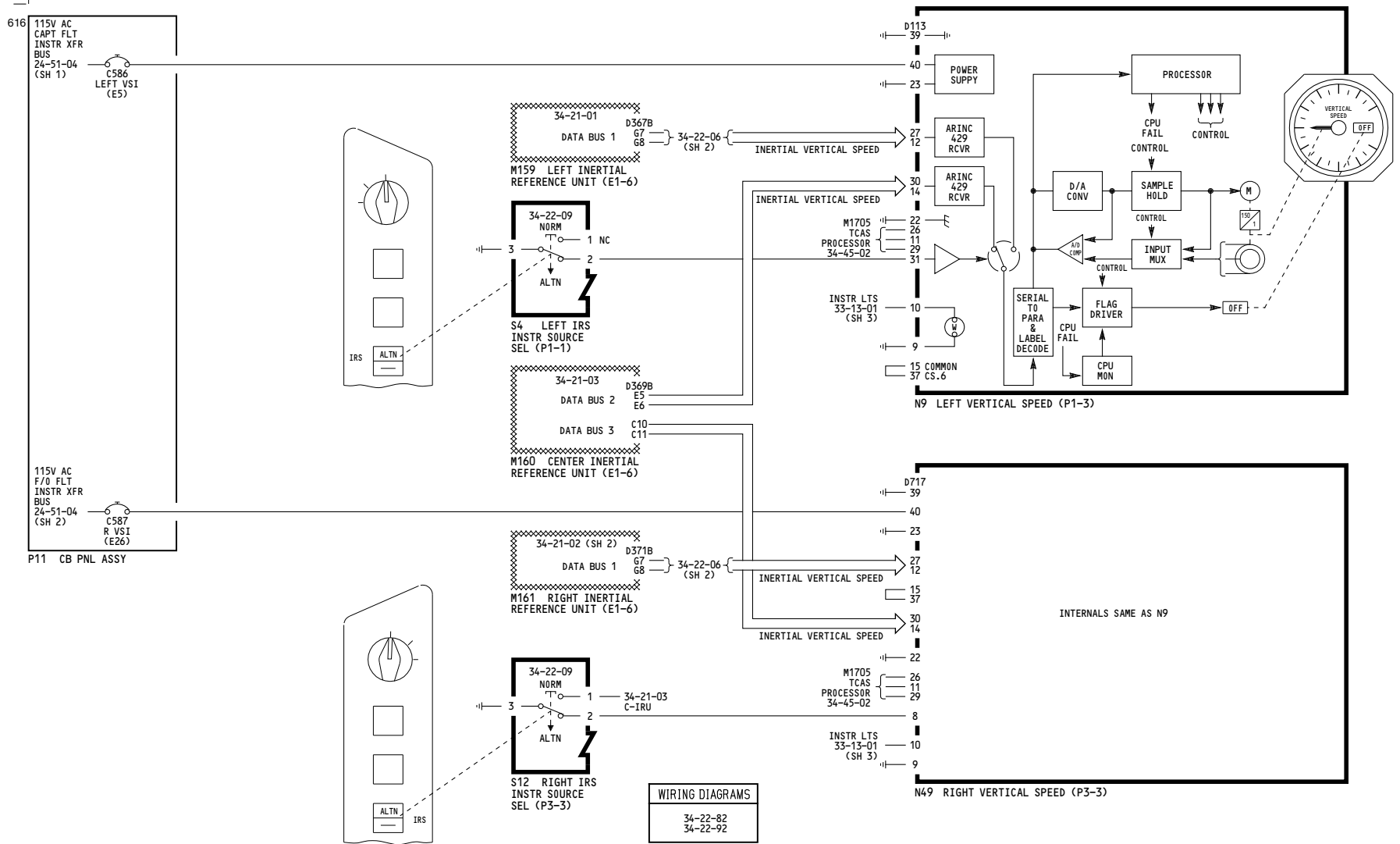
RADIO DISTANCE MAGNETIC INDICATOR, BEARING HEADING AND DISTANCE

D280T232

34-22-02

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050-152, 155-280

**VERTICAL SPEED INDICATION
LEFT AND RIGHT**

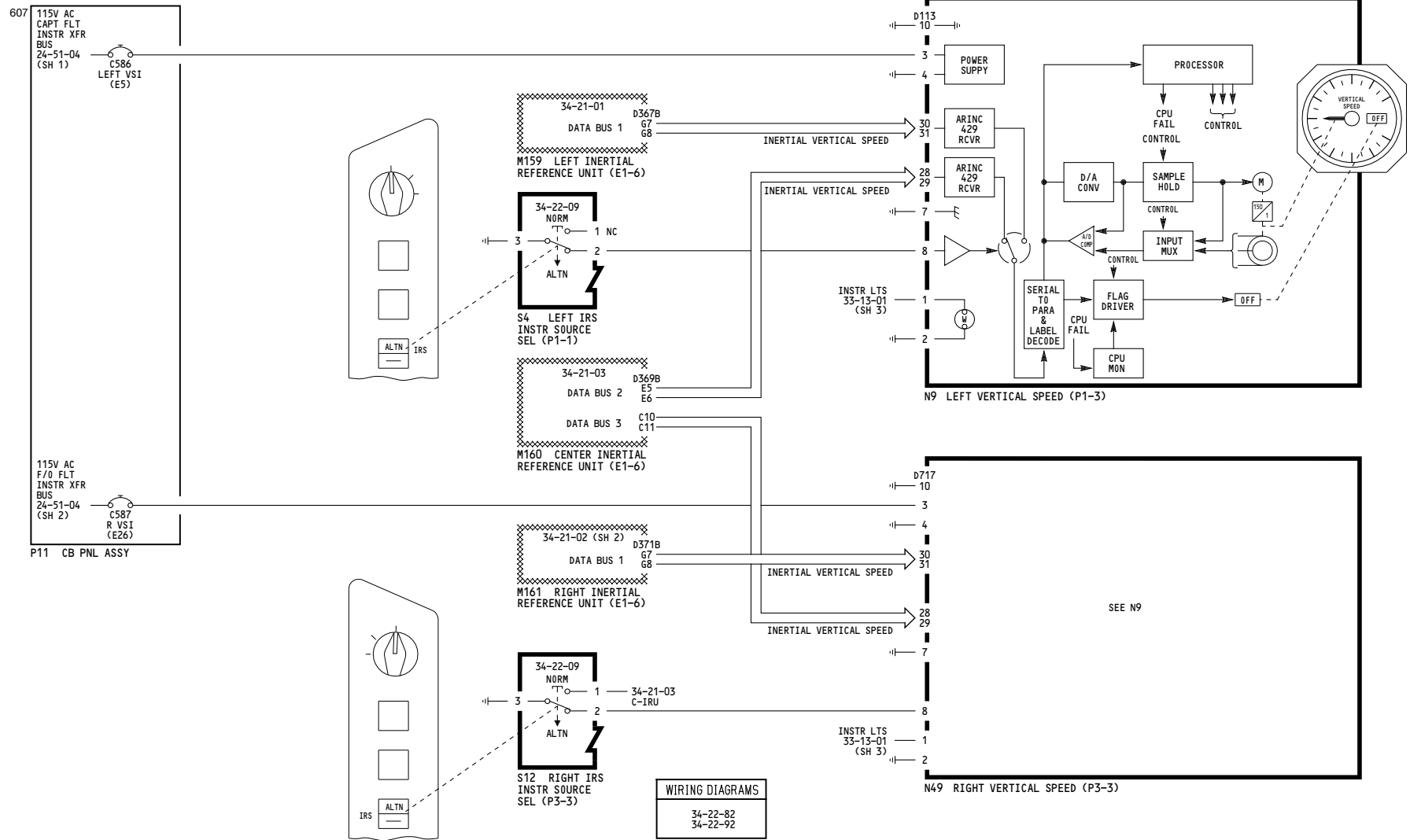
Incorporates
MTO 340652

D280T232

34-22-03

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153-154

**VERTICAL SPEED INDICATION
LEFT AND RIGHT**

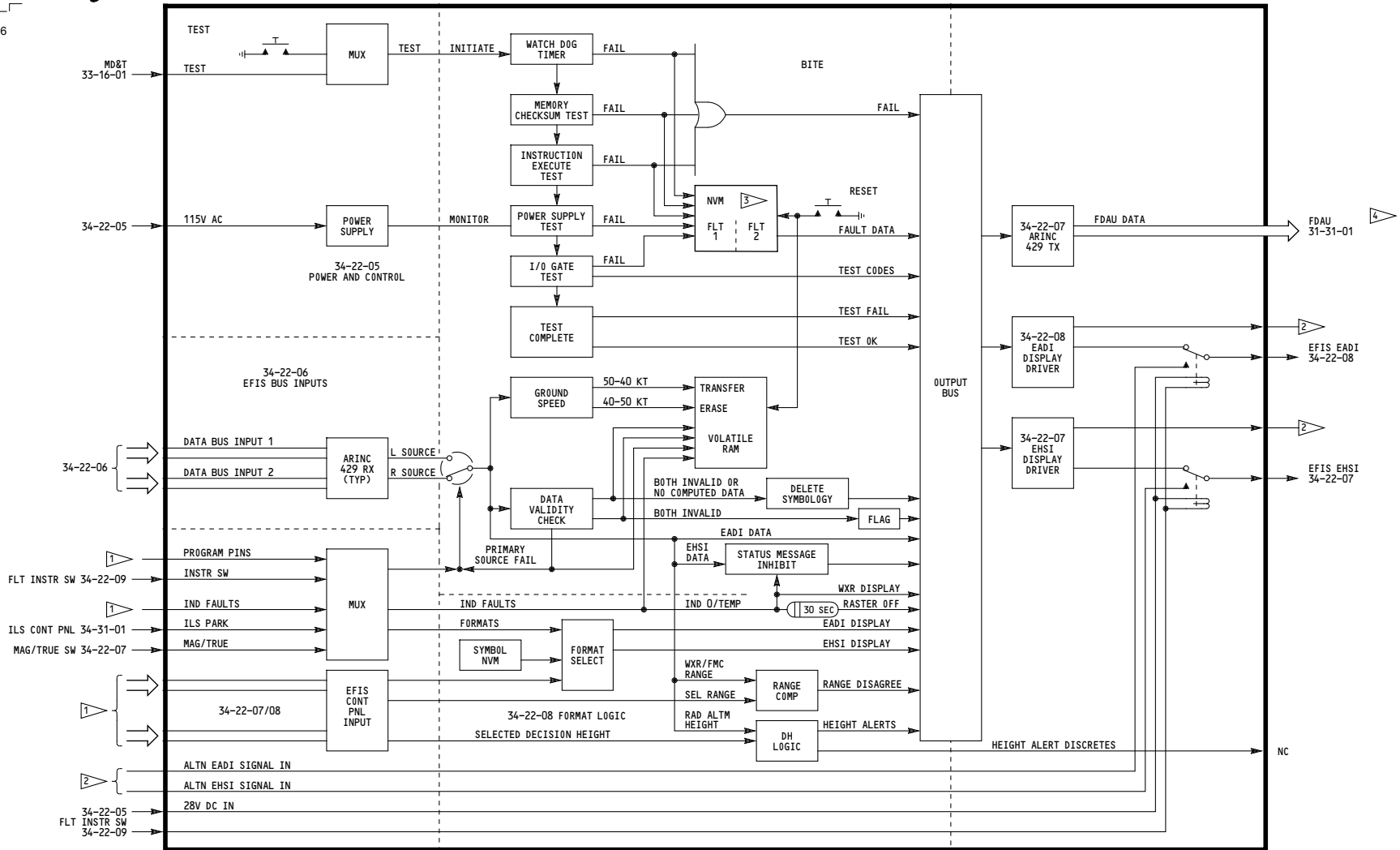
D280T232

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EFIS SYMBOL GEN 1

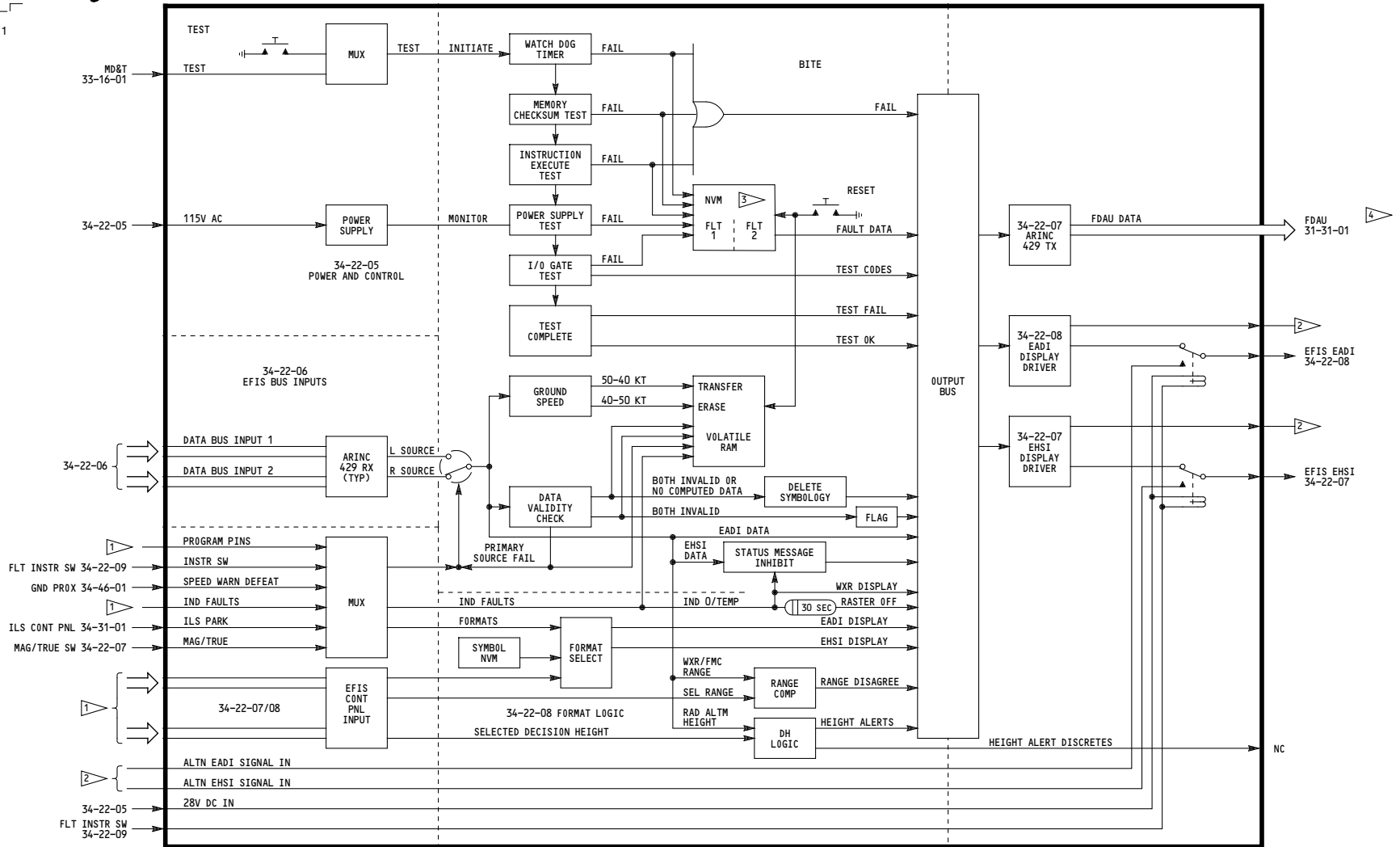
NOTES:
 1 SEE 34-22-07/08 M148 L EFIS SYMBOL GEN (E1-2)
 M149 C EFIS SYMBOL GEN (E1-4)
 M150 R EFIS SYMBOL GEN (E1-5)

2 ALTN INPUTS NOT USED ON C EFIS SYMBOL GEN
 ALTN OUTPUTS NOT USED ON L & R SYMBOL GEN
 3 FAULT DATA FOR PREVIOUS TWO FLIGHTS
 4 NC ON R EFIS SYMBOL GEN

050-099, 150-199, 275-278	EFIS SYMBOL GENERATOR
D280T232	

34-22-04

611



EFIS SYMBOL GEN 1

NOTES:
 1 SEE 34-22-07/08 M148 L EFIS SYMBOL GEN (E1-2)
 M149 C EFIS SYMBOL GEN (E1-4)
 M150 R EFIS SYMBOL GEN (E1-5)

2 ALTN INPUTS NOT USED ON C EFIS SYMBOL GEN
 ALTN OUTPUTS NOT USED ON L & R SYMBOL GEN
 3 FAULT DATA FOR PREVIOUS TWO FLIGHTS

4 NC ON R EFIS SYMBOL GEN

280-299

EFIS SYMBOL GENERATOR

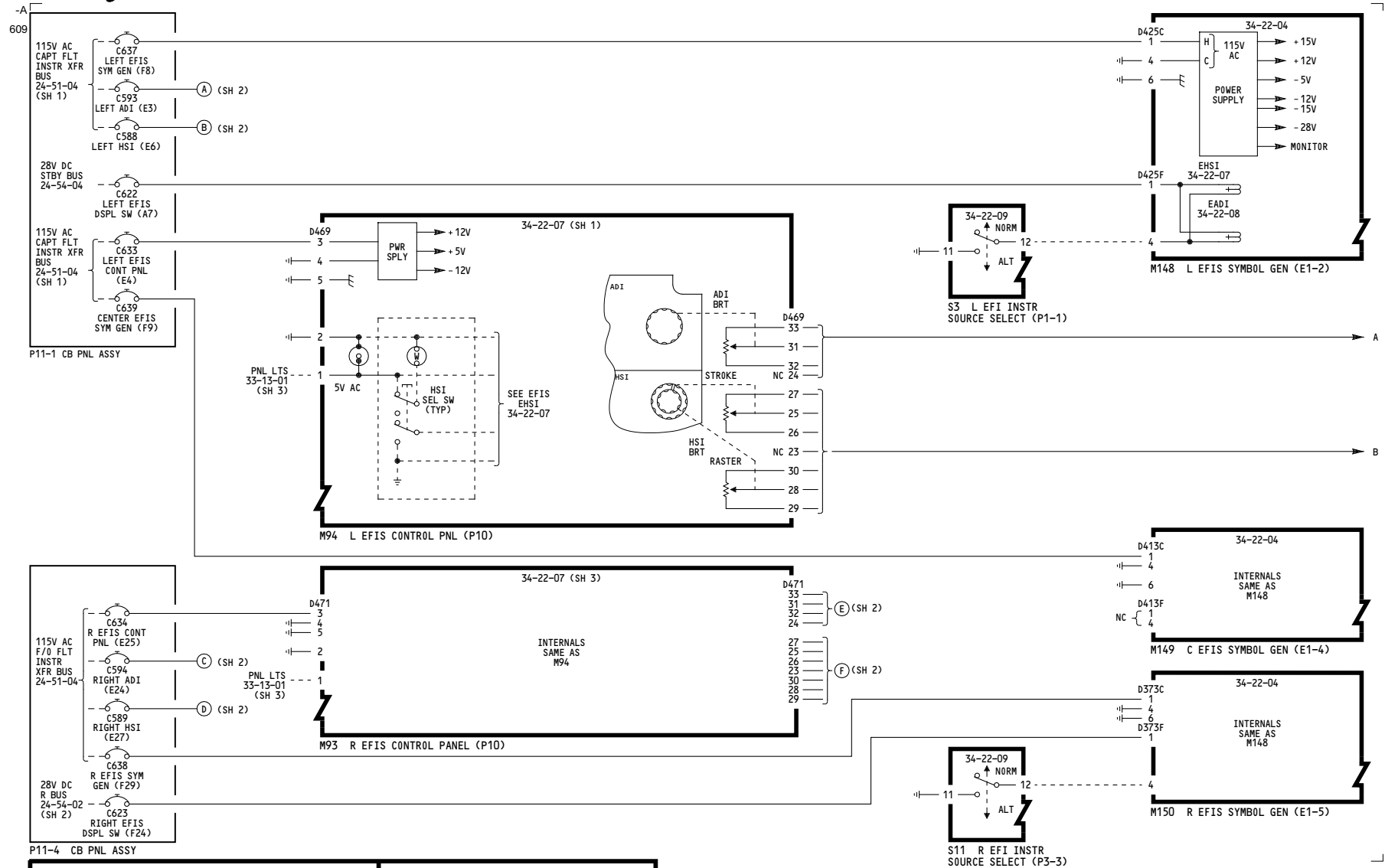
D280T232

34-22-04

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050-099, 150-199, 275-276

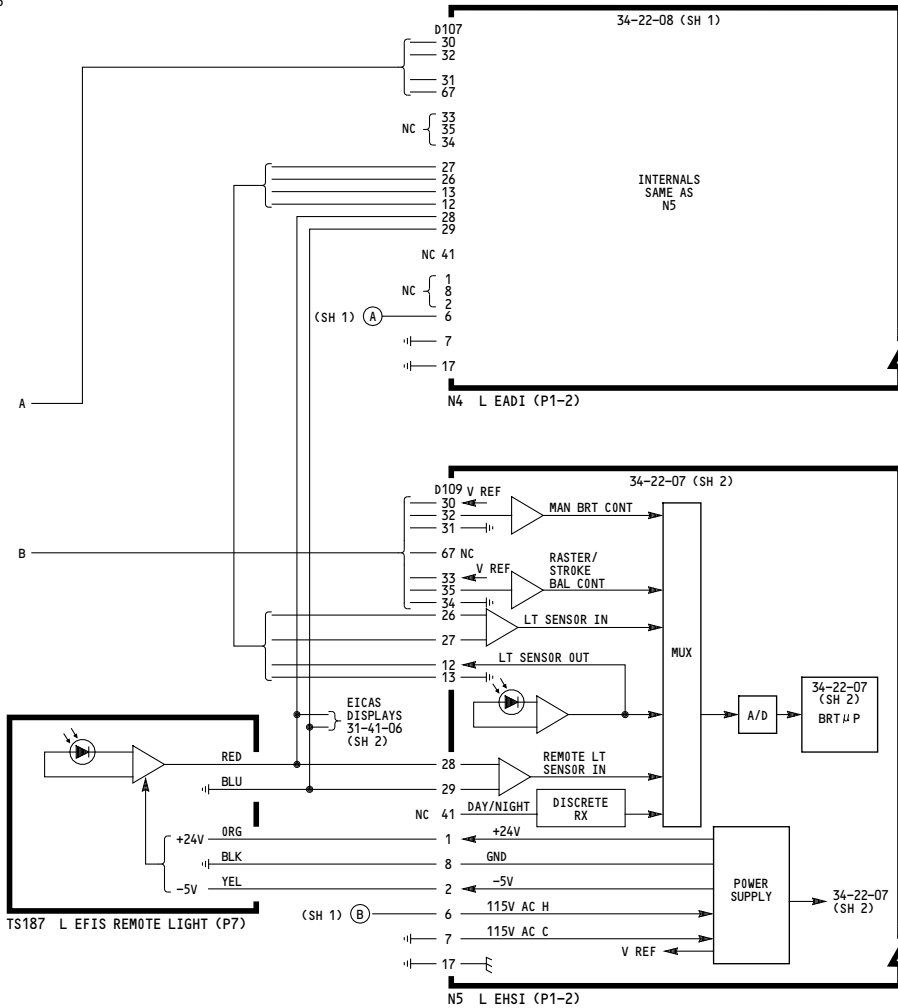
EFIS POWER DISTRIBUTION AND INSTRUMENTS LIGHTING

D280T232

34-22-05

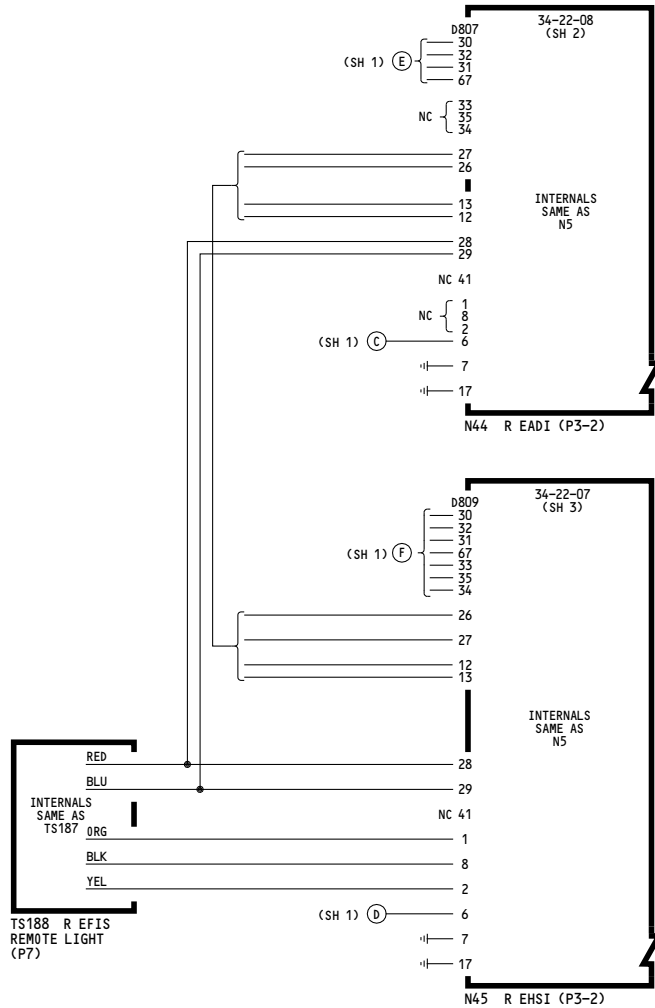
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WIRING DIAGRAMS

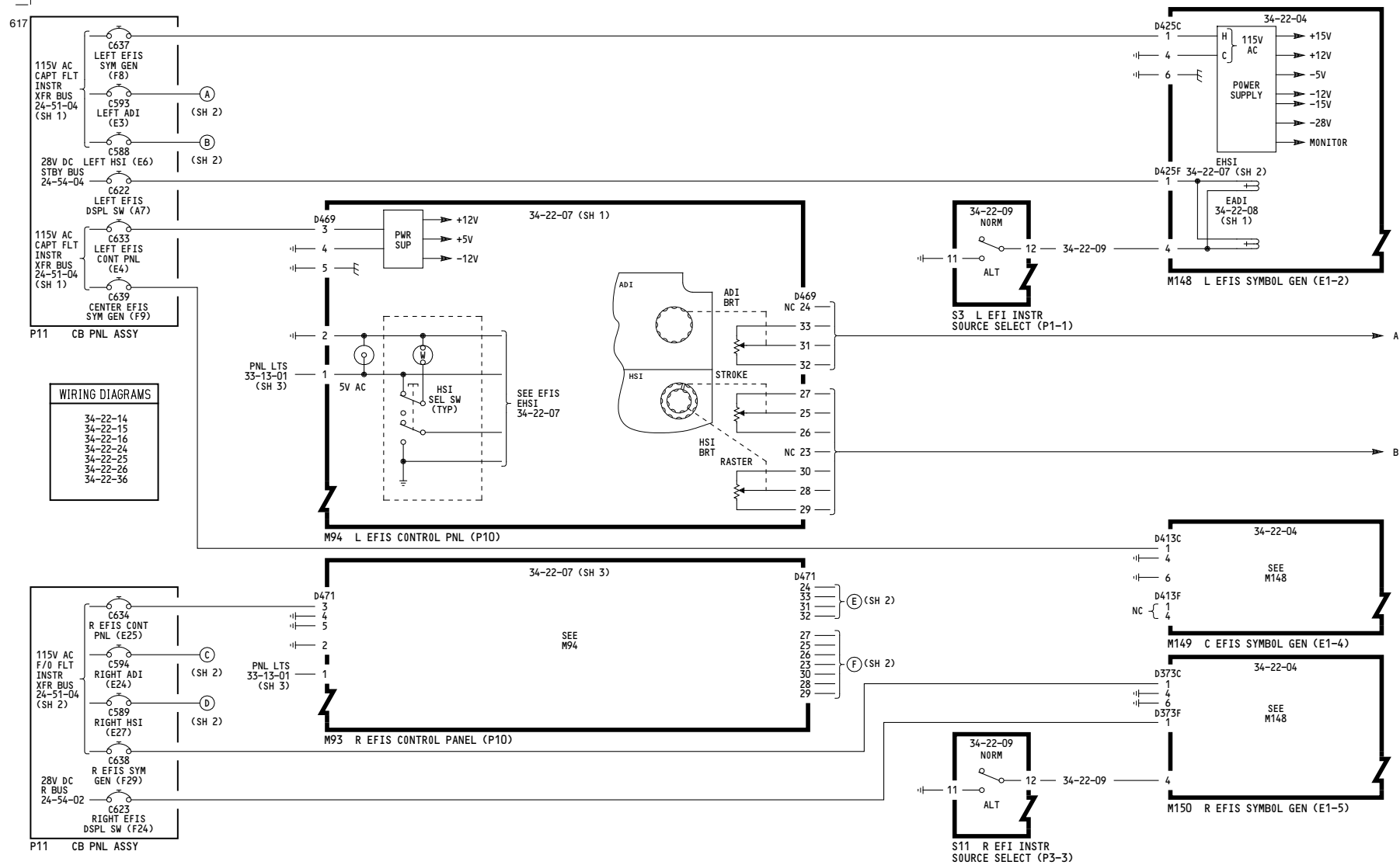
34-22-14
34-22-15
34-22-16
34-22-24
34-22-25
34-22-26
34-22-36



050-099, 150-199, 275-276

EFIS POWER DISTRIBUTION AND INSTRUMENTS LIGHTING

D280T232



- WIRING DIAGRAMS**
- 34-22-14
 - 34-22-15
 - 34-22-16
 - 34-22-24
 - 34-22-25
 - 34-22-26
 - 34-22-36

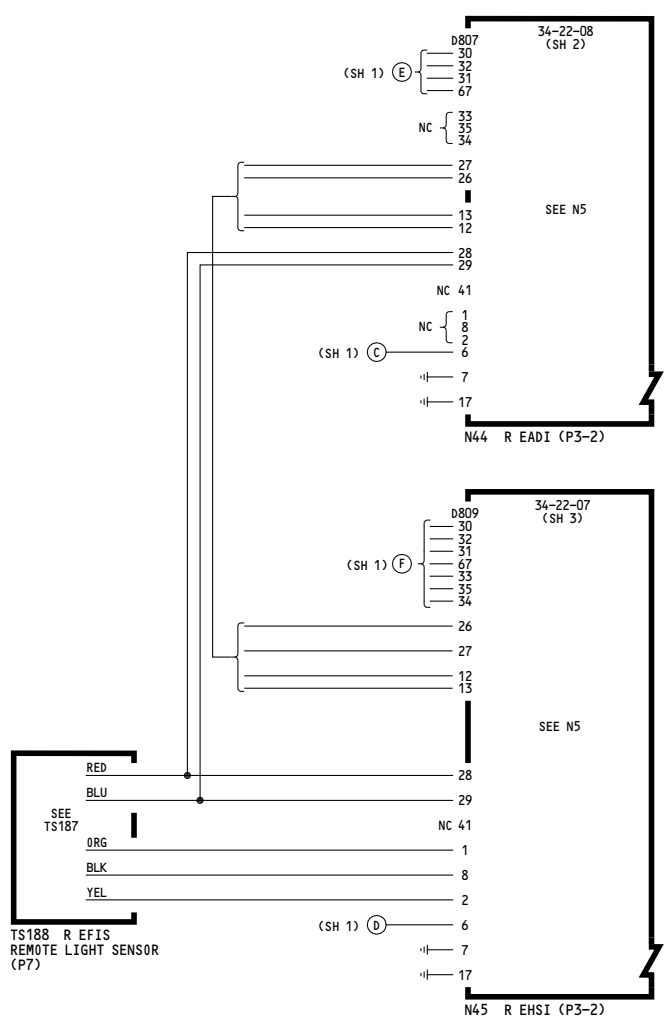
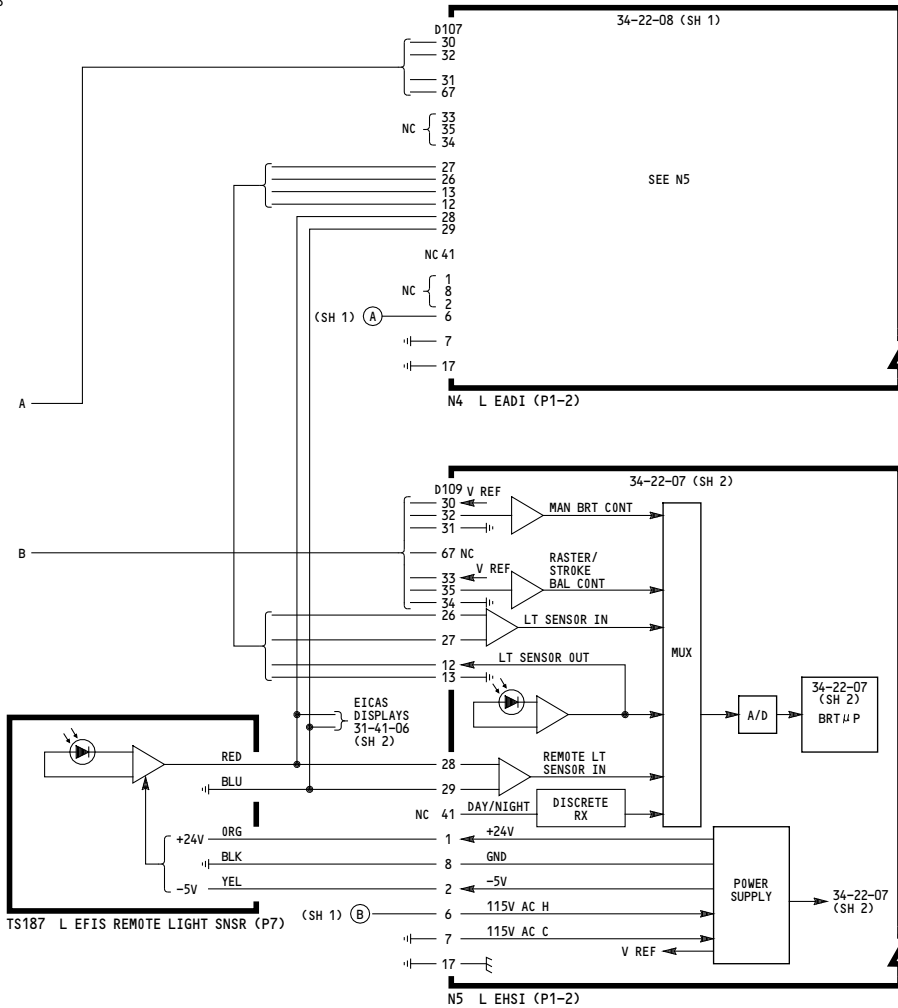
277-299

EFIS POWER DISTRIBUTION AND INSTRUMENTS LIGHTING

D280T232

34-22-05

608

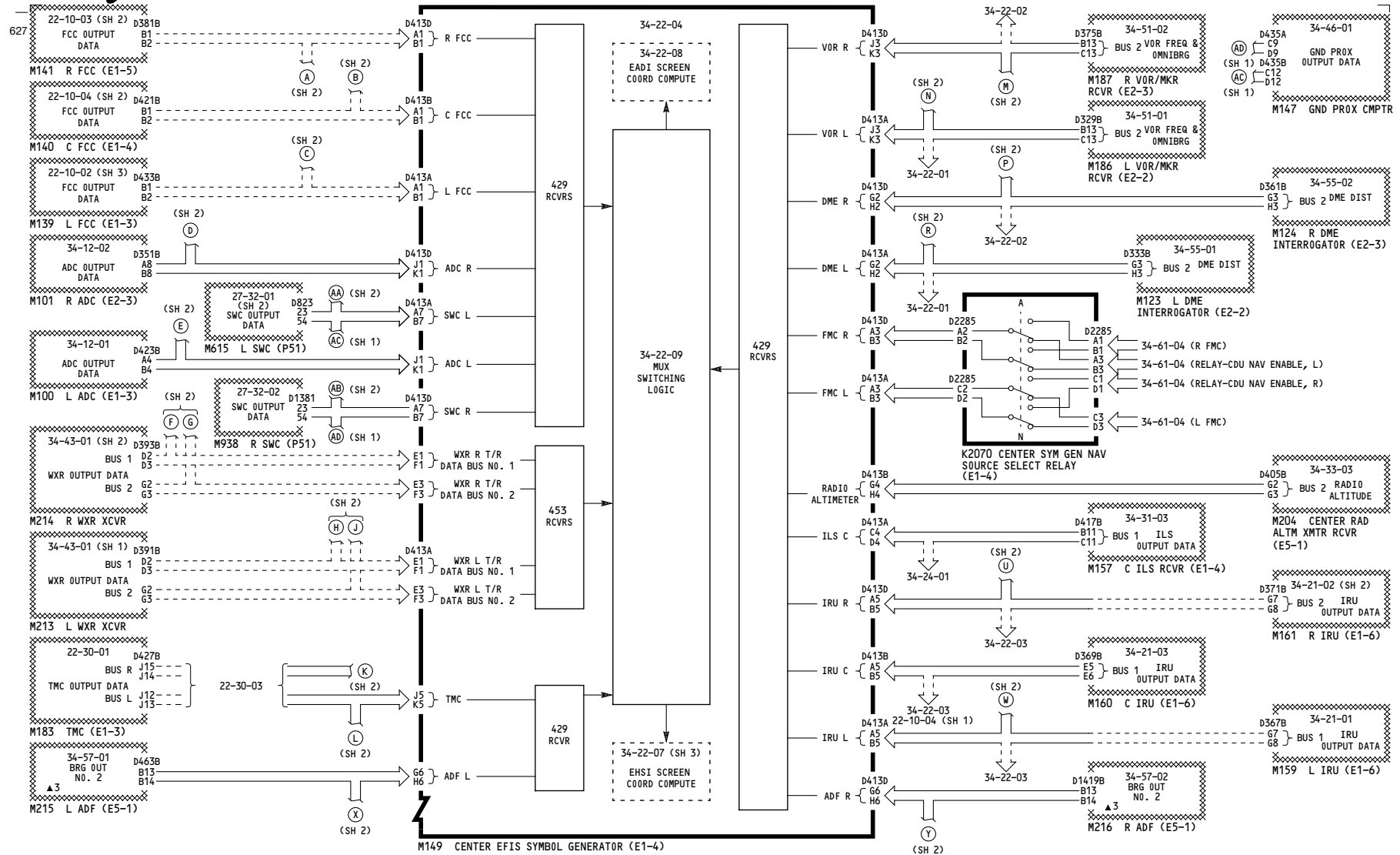


WIRING DIAGRAMS	
34-22-14	
34-22-15	
34-22-16	
34-22-24	
34-22-25	
34-22-26	
34-22-36	

277-299

EFIS POWER DISTRIBUTION AND INSTRUMENTS LIGHTING

D280T232



050-099, 151	EFIS BUS INPUTS
D280T232	

34-22-06

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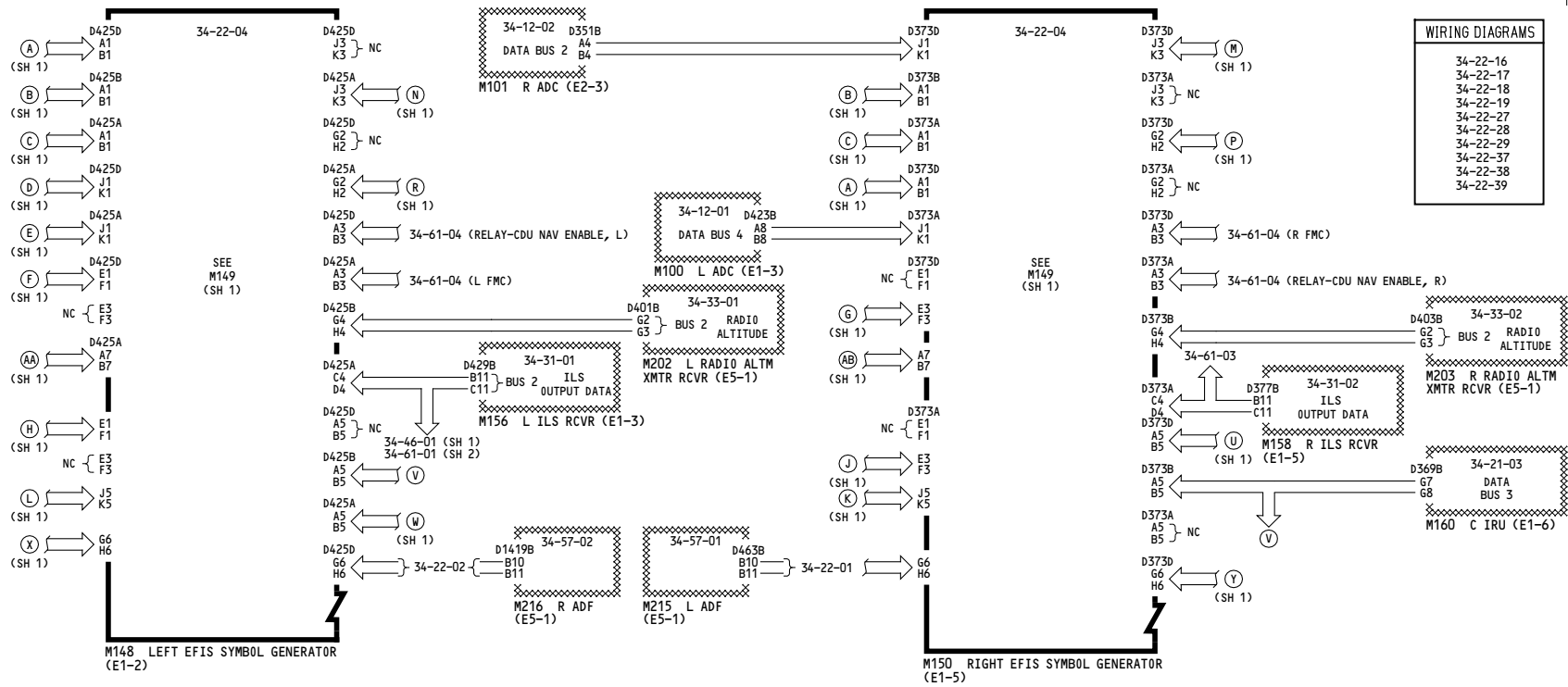


TABLE I PORT IDENTIFICATION PROGRAM PINS

PARAMETER	PIN	L D425	C D413	R D373
SOURCE DESTINATION ID	B F8	1	1	0
SOURCE DESTINATION ID	B G8	0	1	1
L ADC	A A11	1	1	X
L DME	A C11	1	1	X
L VOR	A J11	1	1	X
L WXR	A A12	1	1	X
L ILS/MLS	A C12	1	1	X
R ADC	D A11	X	0	0
R DME	D C11	X	0	0
R VOR	D J11	X	0	0
R WXR	D A12	X	0	0
R ILS/MLS	D C12	X	1	1
* EFI	A G12	1	2	0

0 = PIN GROUNDED (RIGHT SEL)
 1 = PIN NC (LEFT SEL)
 2 = SWITCHING CAPABILITY, SEE 34-22-09 (SH 1)
 X = NOT USED, NC
 * = EFI PIN PRMS WHICH SET OF PRGM PINS ARE USED

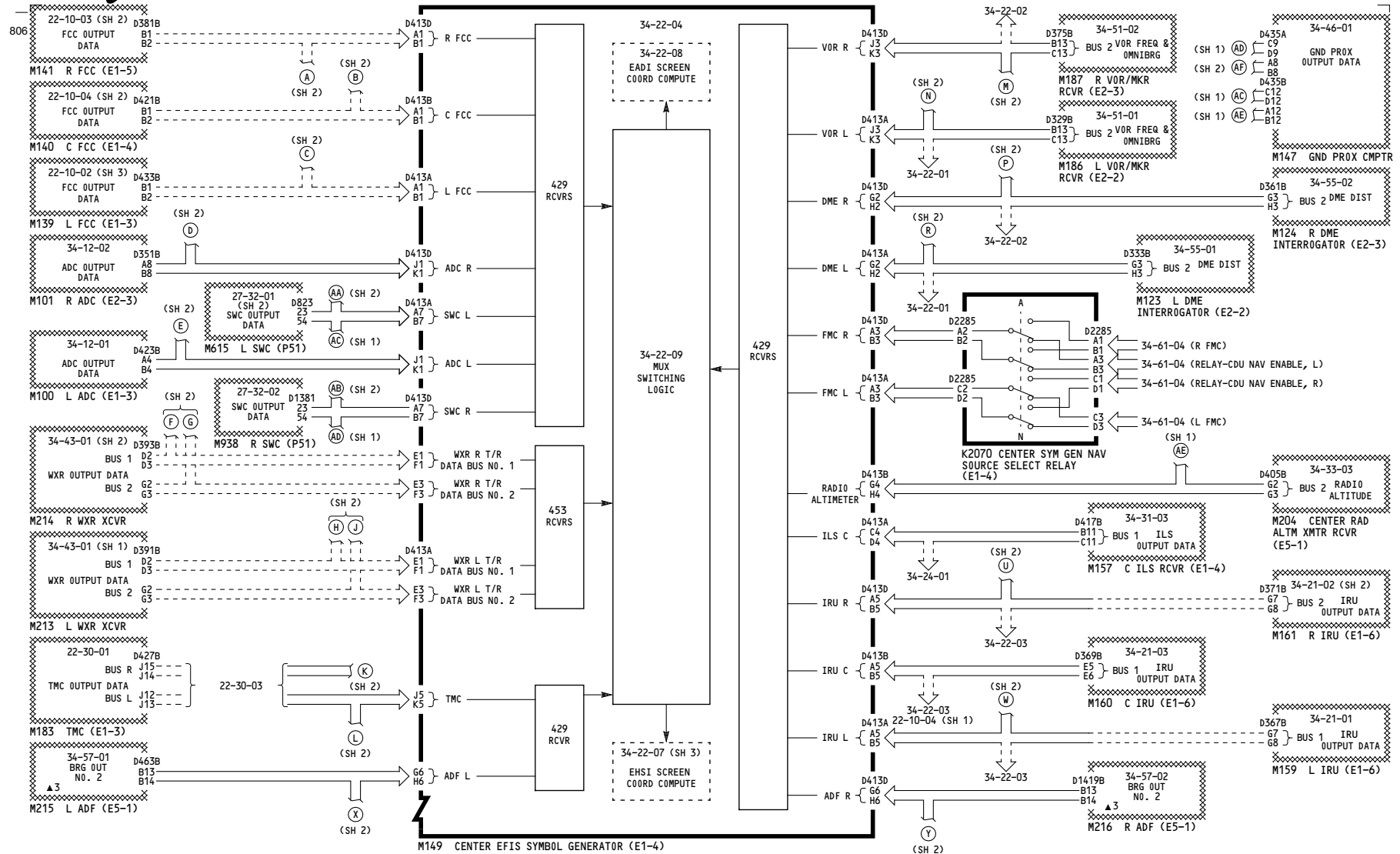
050-099, 151

EFIS BUS INPUTS

D280T232

34-22-06

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150, 152-167, 277-278

EFIS BUS INPUTS

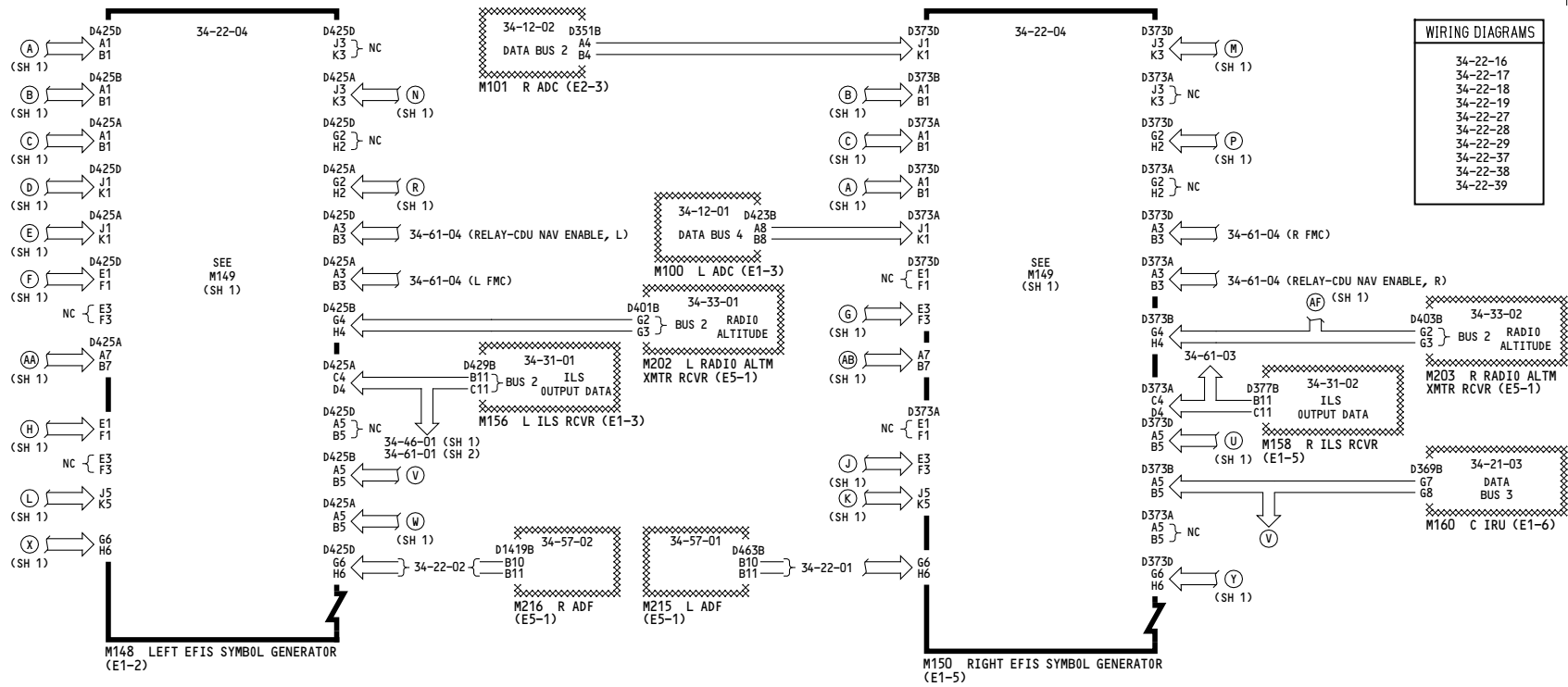
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WIRING DIAGRAMS	
34-22-16	
34-22-17	
34-22-18	
34-22-19	
34-22-27	
34-22-28	
34-22-29	
34-22-37	
34-22-38	
34-22-39	

TABLE I PORT IDENTIFICATION PROGRAM PINS

PARAMETER	PIN	L D425	C D413	R D373
SOURCE DESTINATION ID	B F8	1	1	0
SOURCE DESTINATION ID	B G8	0	1	1
L ADC	A A11	1	1	X
L DME	A C11	1	1	X
L VOR	A J11	1	1	X
L WXR	A A12	1	1	X
L ILS/MLS	A C12	1	1	X
R ADC	D A11	X	0	0
R DME	D C11	X	0	0
R VOR	D J11	X	0	0
R WXR	D A12	X	0	0
R ILS/MLS	D C12	X	1	1
* EFI	A G12	1	2	0

0 = PIN GROUNDED (RIGHT SEL)
 1 = PIN NC (LEFT SEL)
 2 = SWITCHING CAPABILITY, SEE 34-22-09 (SH 1)
 X = NOT USED, NC
 * EFI PIN PRMS WHICH SET OF PRGM PINS ARE USED

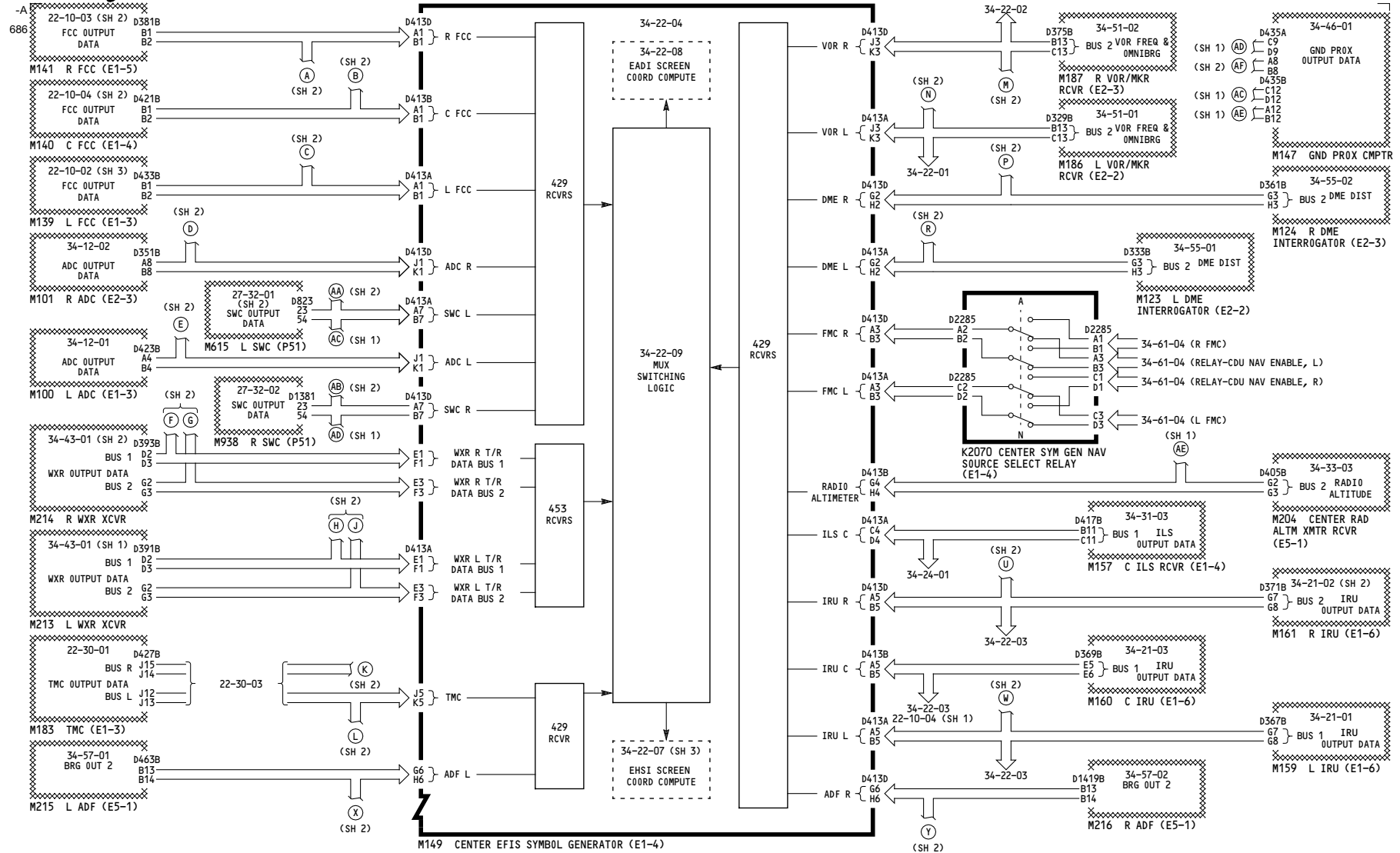
150, 152-167, 277-278

EFIS BUS INPUTS

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275-276	EFIS BUS INPUTS
	D280T232

Incorporates
 ▲ 34-0168
 ▲ MTO-340961

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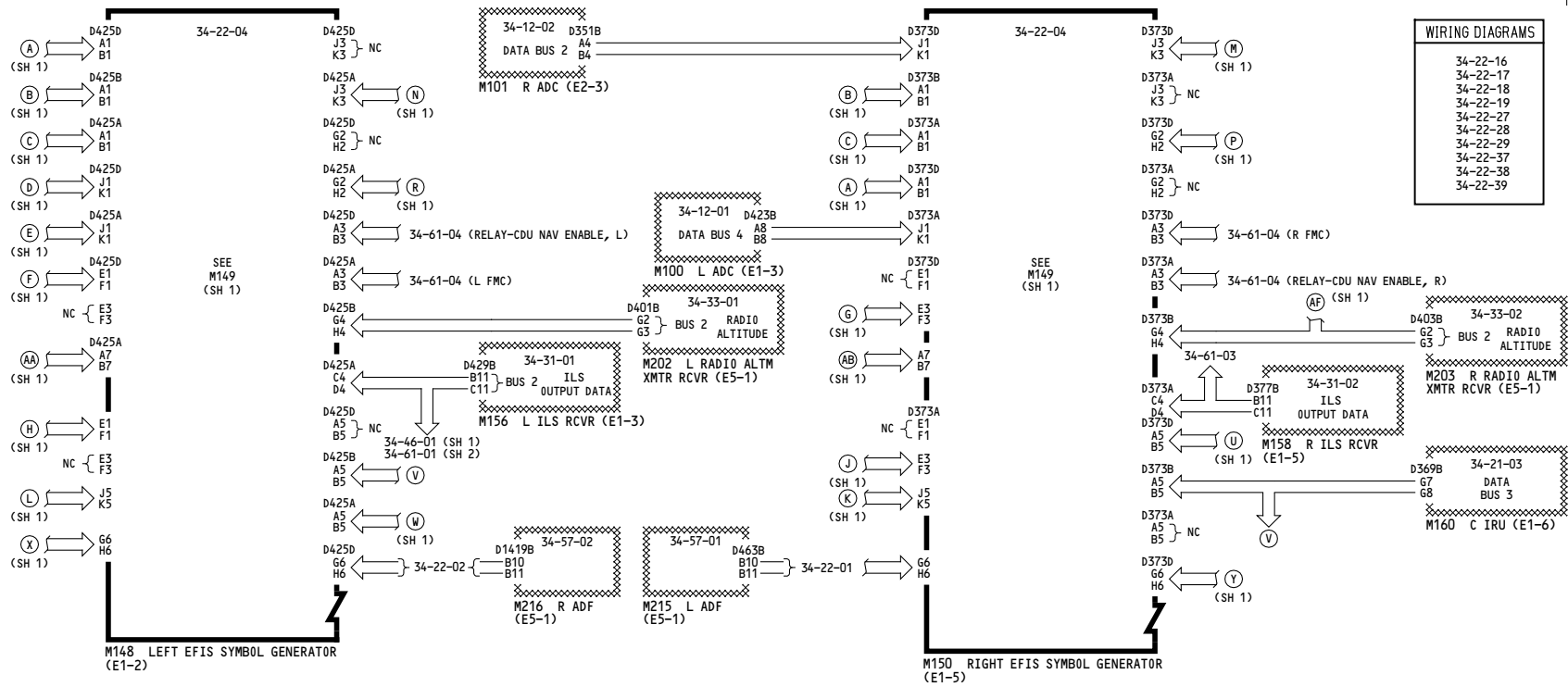


TABLE I PORT IDENTIFICATION PROGRAM PINS

PARAMETER	PIN	L D425	C D413	R D373
SOURCE DESTINATION ID	B F8	1	1	0
SOURCE DESTINATION ID	B G8	0	1	1
L ADC	A A11	1	1	X
L DME	A C11	1	1	X
L VOR	A J11	1	1	X
L WXR	A A12	1	1	X
L ILS/MLS	A C12	1	1	X
R ADC	D A11	X	0	0
R DME	D C11	X	0	0
R VOR	D J11	X	0	0
R WXR	D A12	X	0	0
R ILS/MLS	D C12	X	1	1
* EFI	A G12	1	2	0

0 = PIN GROUNDED (RIGHT SEL)
 1 = PIN NC (LEFT SEL)
 2 = SWITCHING CAPABILITY, SEE 34-22-09 (SH 1)
 X = NOT USED, NC
 * EFI PIN PRMS WHICH SET OF PRGM PINS ARE USED

275-276

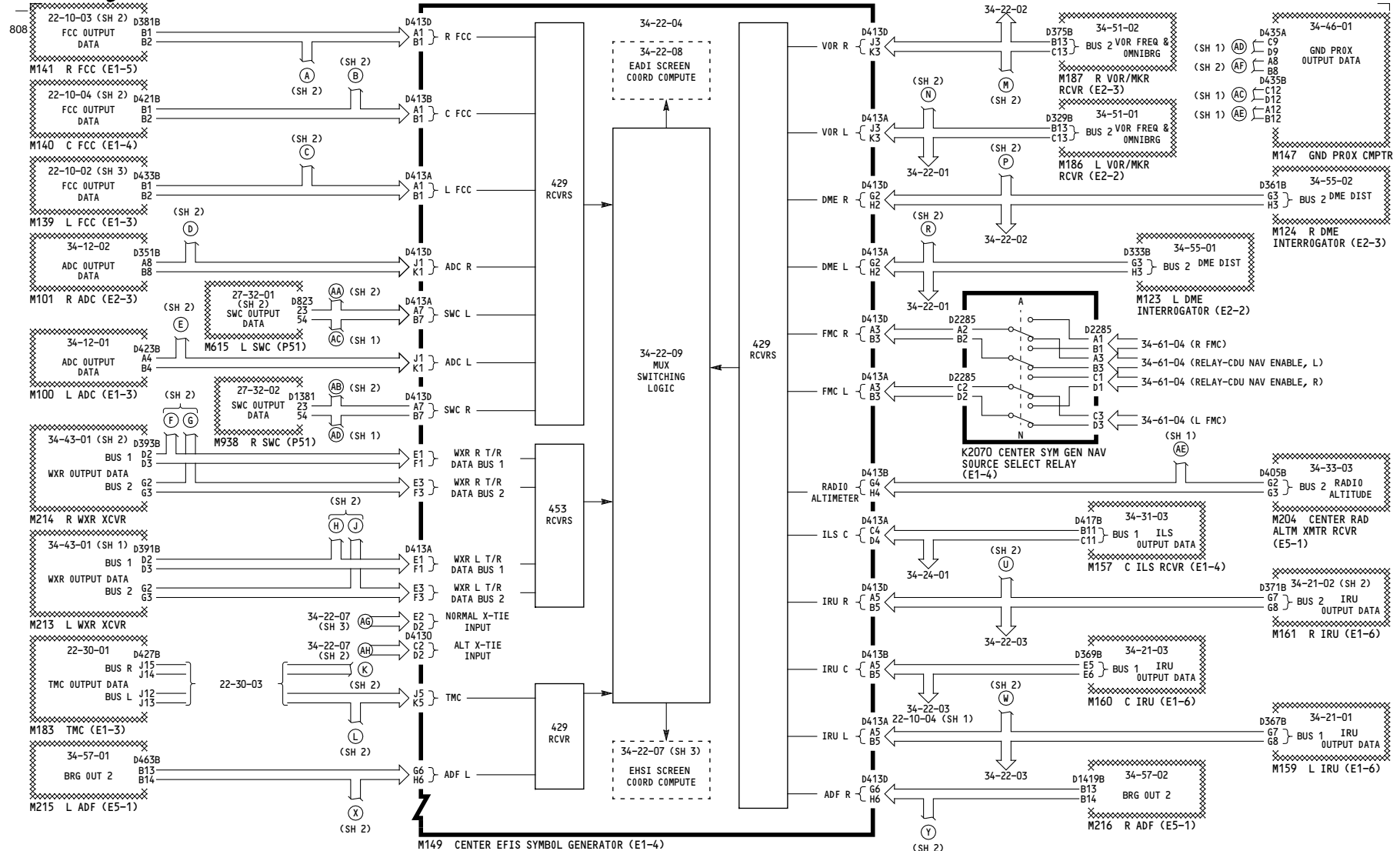
EFIS BUS INPUTS

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EFIS BUS INPUTS

D280T232

Incorporates
MTO-340961

34-22-06

740

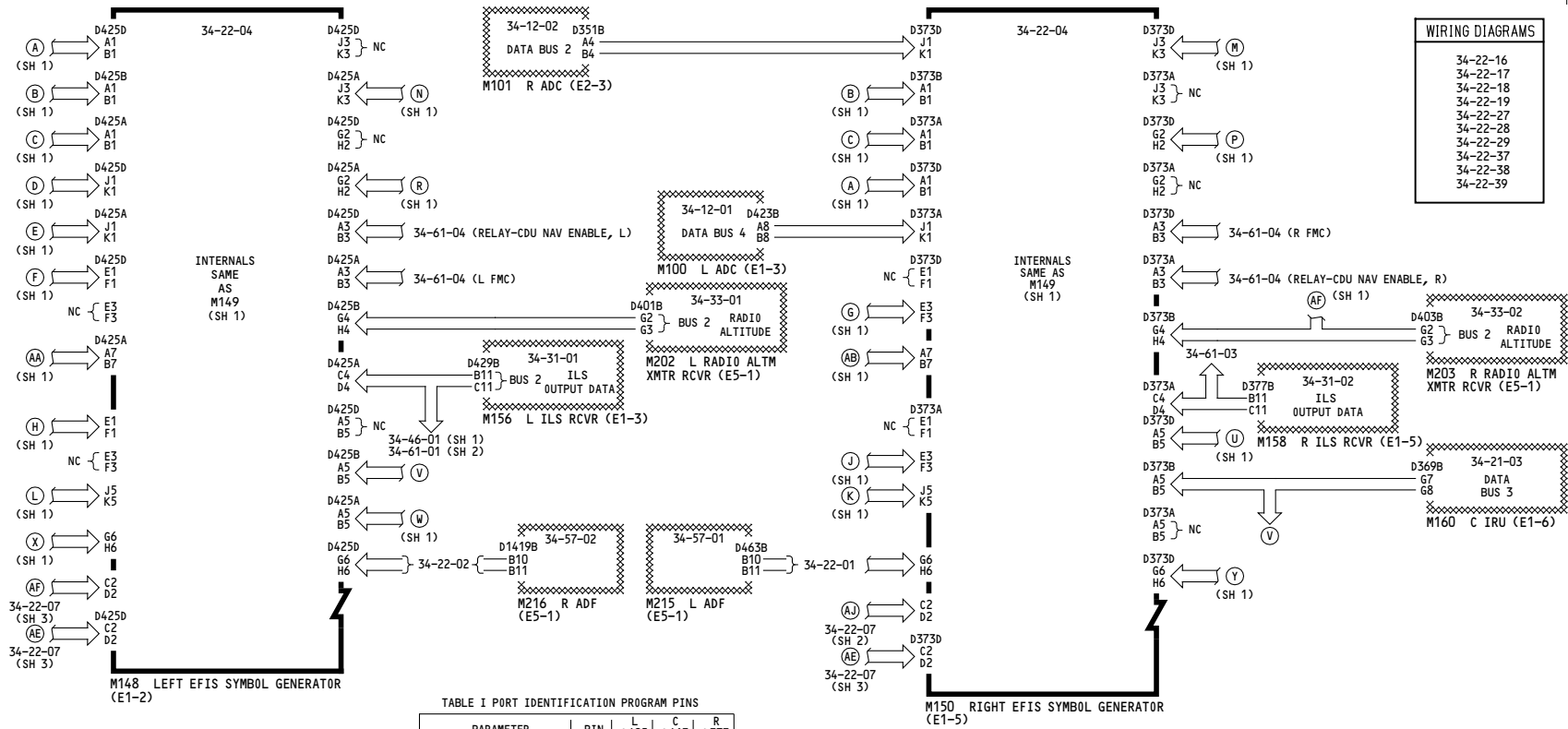


TABLE I PORT IDENTIFICATION PROGRAM PINS

PARAMETER	PIN	L D425	C D413	R D373
SOURCE DESTINATION ID	B F8	1	1	0
SOURCE DESTINATION ID	B G8	0	1	1
L ADC	A A11	1	1	X
L DME	A C11	1	1	X
L VOR	A J11	1	1	X
L WXR	A A12	1	1	X
L ILS/MLS	A C12	1	1	X
R ADC	D A11	X	0	0
R DME	D C11	X	0	0
R VOR	D J11	X	0	0
R WXR	D A12	X	0	0
R ILS/MLS	D C12	X	1	1
* EFI	A G12	1	2	0

0 = PIN GROUNDED (RIGHT SEL)
 1 = PIN NC (LEFT SEL)
 2 = SWITCHING CAPABILITY, SEE 34-22-09 (SH 1)
 X = NOT USED, NC
 * = EFI PIN PRMS WHICH SET OF PRGM PINS ARE USED

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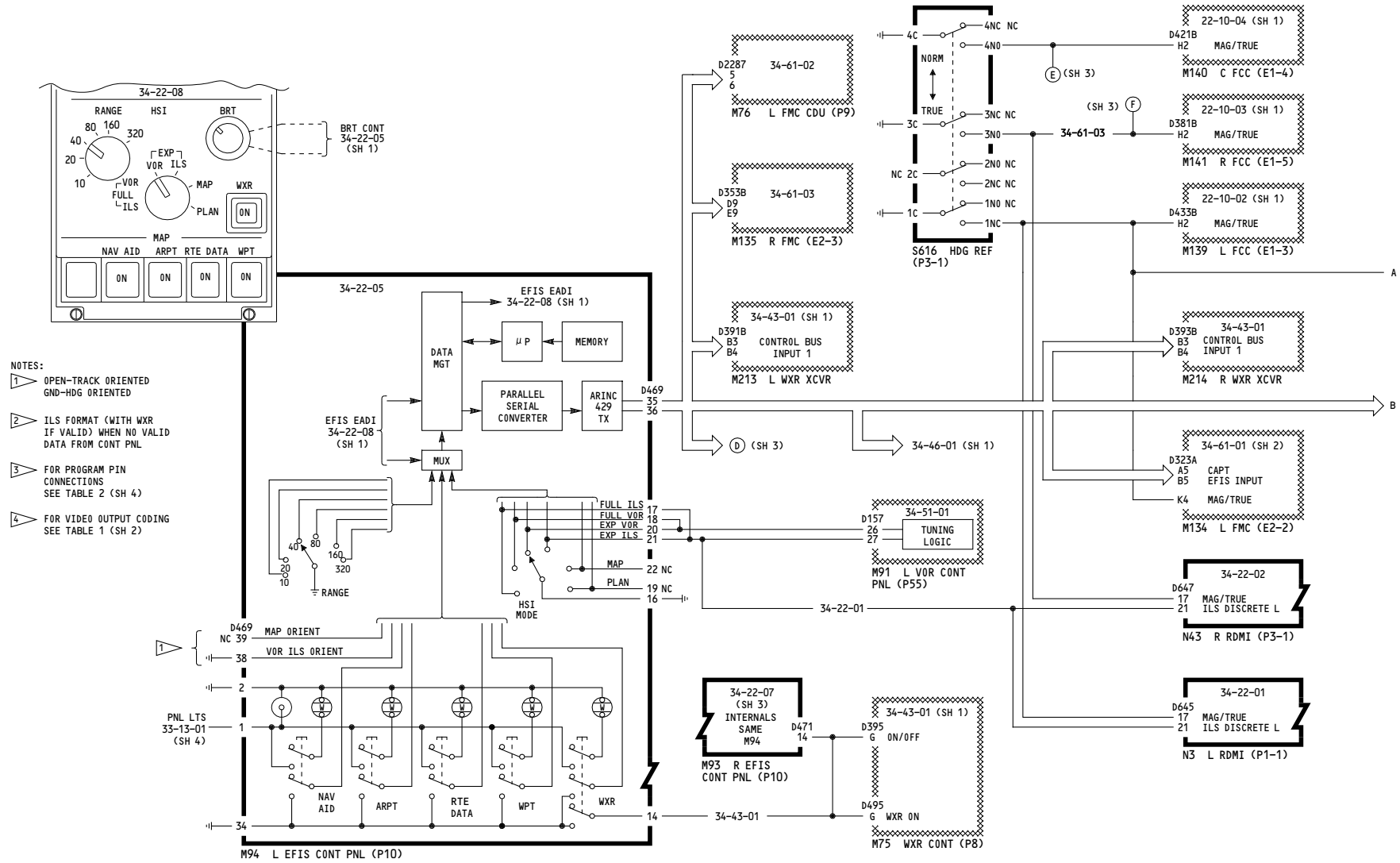
EFIS BUS INPUTS

Incorporates
 MTO-340961

D280T232

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- NOTES:
- 1 OPEN-TRACK ORIENTED
GND-HDG ORIENTED
 - 2 ILS FORMAT (WITH WXR
IF VALID) WHEN NO VALID
DATA FROM CONT PNL
 - 3 FOR PROGRAM PIN
CONNECTIONS
SEE TABLE 2 (SH 4)
 - 4 FOR VIDEO OUTPUT CODING
SEE TABLE 1 (SH 2)

050-051

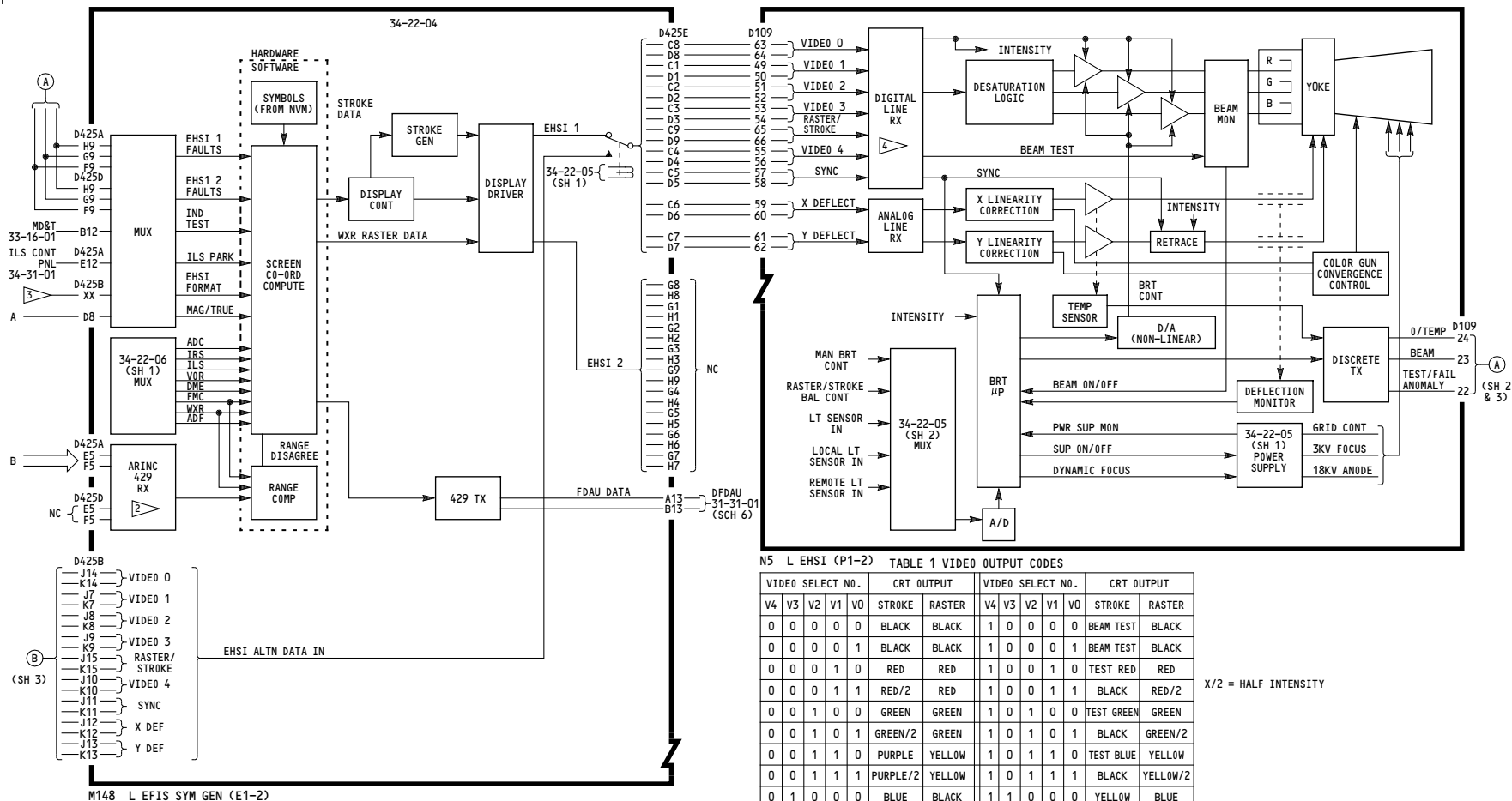
**EFIS ELECTRONIC
HORIZONTAL SITUATION
INDICATOR**

D280T232

Incorporates
MTO 340537 R01

34-22-07

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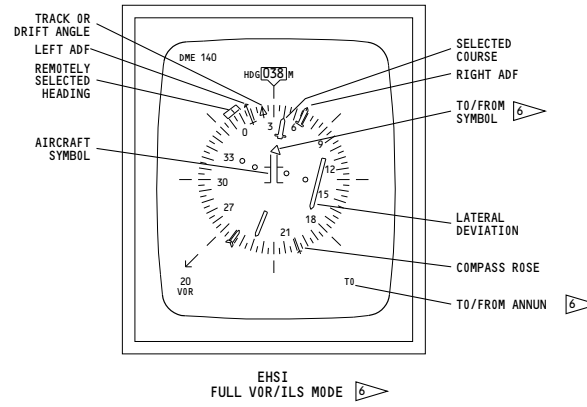
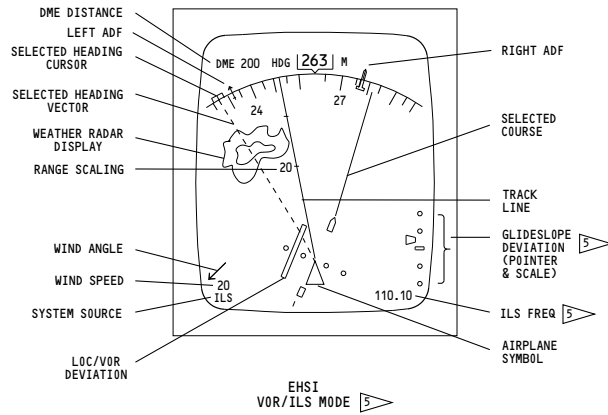
050-051

EFIS ELECTRONIC HORIZONTAL SITUATION INDICATOR

D280T232

34-22-07

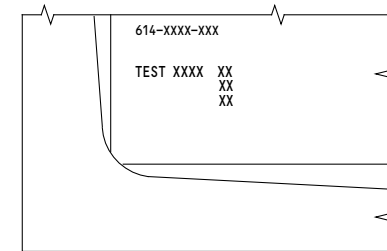
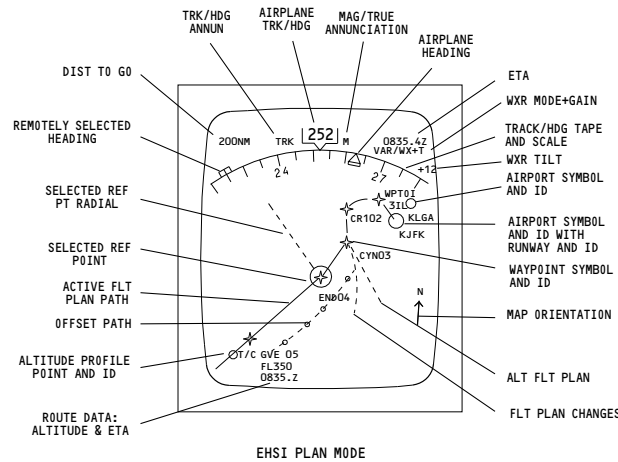
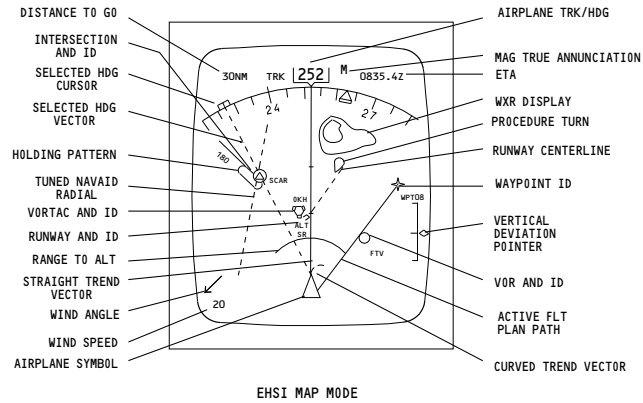
611



EHSI
TABLE II PROGRAM PINS

RESULTING PROGRAM PINS	CONN-ECTOR	PIN	L D425	C D413	R D373
ADF INSTALL 1	B	D12	0	0	0
ADF INSTALL 2	B	E12	1	1	1
EHSI DA DSPLY	B	D09	1	1	1
WXR TURB COLOR	B	ED6	1	1	1
WXR SWP PTR	A	G14	1	1	1
EHSI FORMAT 1	B	D07	1	1	1
EHSI FORMAT 2	B	G10	1	1	1
EHSI SYMBOLOGY	A	A13	1	1	1
WXR MODE DISPLAY	B	G6	0	0	0
WIND BEARING	B	B4	0	0	0

0 = PIN GROUNDED, 1 = PIN NOT CONNECTED



NOTES:
 5 ILS MODE SHOWN. FEATURES MARKED NOT ON VOR MODE
 6 VOR MODE SHOWN, FEATURE MARKED NOT ON ILS MODE

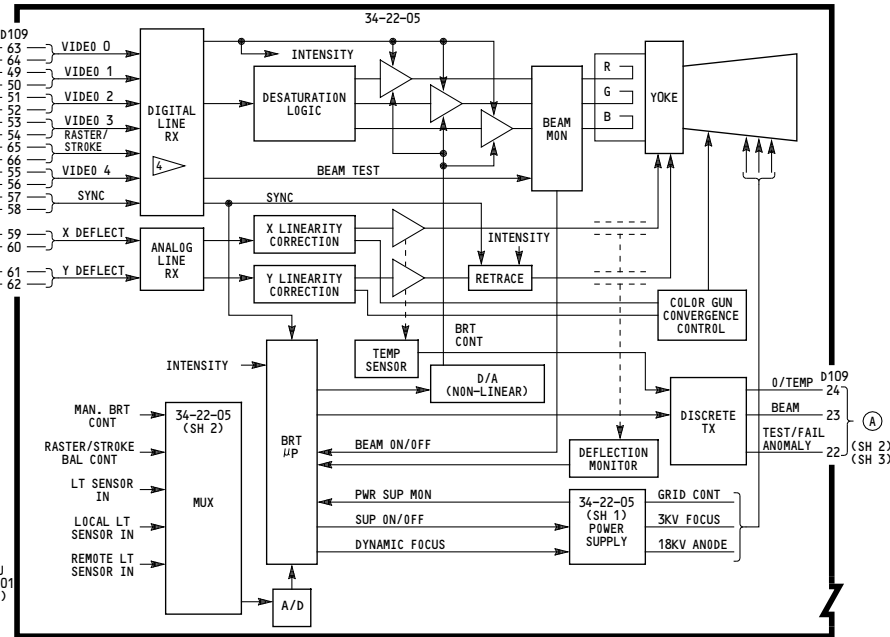
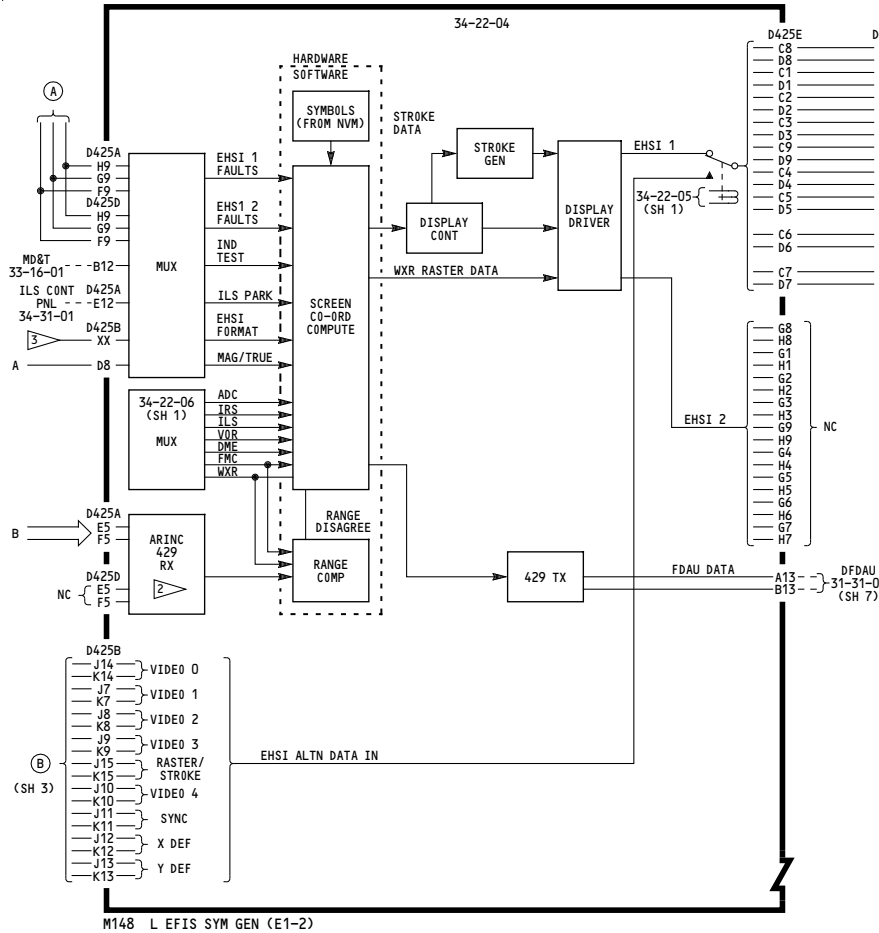
DISPLAY FORMATS

050-051	EFIS ELECTRONIC HORIZONTAL SITUATION INDICATOR
	D280T232

TYPICAL EHSI TEST MESSAGES

34-22-07

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N5 L EHSI (P1-2) TABLE 1 VIDEO OUTPUT CODES

VIDEO SELECT NO.					CRT OUTPUT		VIDEO SELECT NO.					CRT OUTPUT	
V4	V3	V2	V1	V0	STROKE	RASTER	V4	V3	V2	V1	V0	STROKE	RASTER
0	0	0	0	0	BLACK	BLACK	1	0	0	0	0	BEAM TEST	BLACK
0	0	0	0	1	BLACK	BLACK	1	0	0	0	1	BEAM TEST	BLACK
0	0	0	1	0	RED	RED	1	0	0	1	0	TEST RED	RED
0	0	0	1	1	RED/2	RED	1	0	0	1	1	BLACK	RED/2
0	0	1	0	0	GREEN	GREEN	1	0	1	0	0	TEST GREEN	GREEN
0	0	1	0	1	GREEN/2	GREEN	1	0	1	0	1	BLACK	GREEN/2
0	0	1	1	0	PURPLE	YELLOW	1	0	1	1	0	TEST BLUE	YELLOW
0	0	1	1	1	PURPLE/2	YELLOW	1	0	1	1	1	BLACK	YELLOW/2
0	1	0	0	0	BLUE	BLACK	1	1	0	0	0	YELLOW	BLUE
0	1	0	0	1	BLUE/2	BLACK	1	1	0	0	1	YELLOW/2	BLUE/2
0	1	0	1	0	MAGENTA	BLACK	1	1	0	1	0	BLACK	MAGENTA
0	1	0	1	1	MAGENTA/2	BLACK	1	1	0	1	1	BLACK	MAGENTA/2
0	1	1	0	0	CYAN	CYAN	1	1	1	0	0	BLACK	CYAN
0	1	1	0	1	CYAN/2	CYAN	1	1	1	0	1	BLACK	CYAN/2
0	1	1	1	0	WHITE	YELLOW/2	1	1	1	1	0	BLACK	WHITE
0	1	1	1	1	WHITE/2	BLACK	1	1	1	1	1	BLACK	WHITE/2

X/2 = HALF INTENSITY

150, 152-154

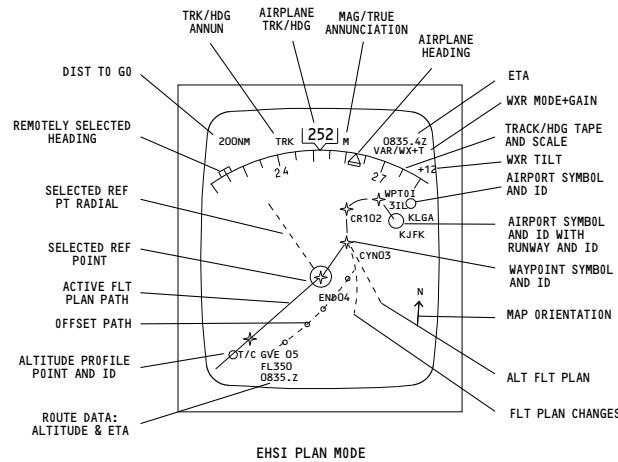
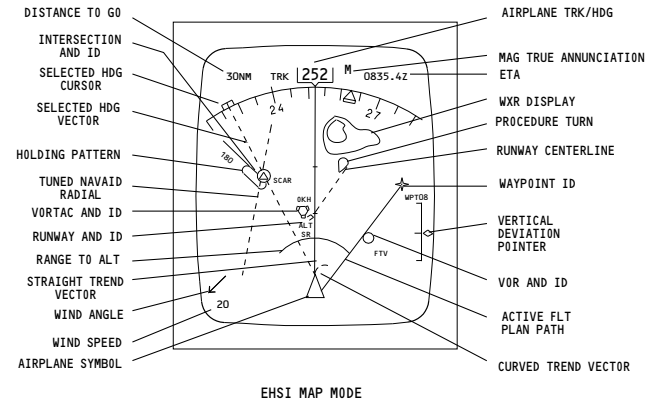
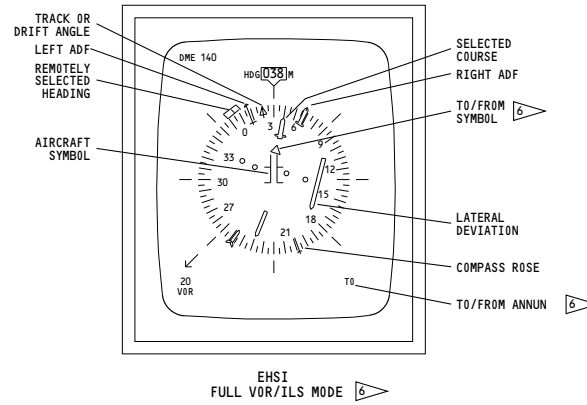
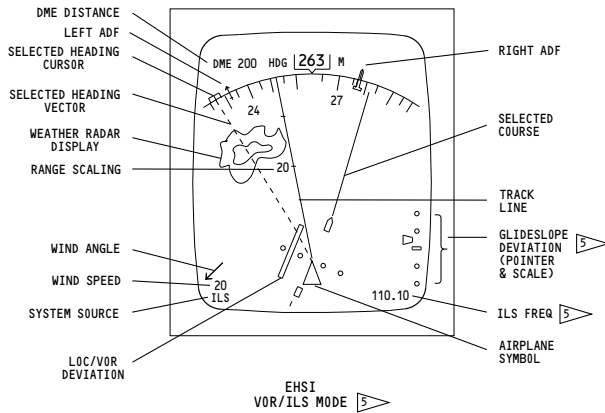
**EFIS ELECTRONIC
HORIZONTAL SITUATION
INDICATOR**

D280T232

L EHSI

34-22-07

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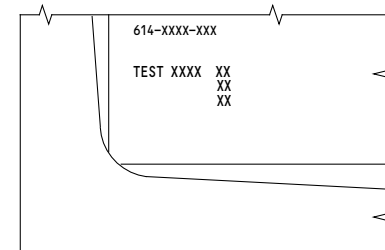


EHSI TABLE II PROGRAM PINS

RESULTING PROGRAM PINS	CONN-ECTOR	PIN	L D425	C D413	R D373
ADF INSTALL 1	B	D12	0	0	0
ADF INSTALL 2	B	E12	1	1	1
EHSI DA DSPLY	B	D09	1	1	1
WXR TURB COLOR	B	ED6	1	1	1
WXR SWP PTR	A	G14	1	1	1
EHSI FORMAT 1	B	D07	1	1	1
EHSI FORMAT 2	B	G10	1	1	1
EHSI SYMBOLOGY	A	A13	1	1	1
WXR MODE DISPLAY	B	G6	0	0	0
WIND BEARING	B	B4	0	0	0

0 = PIN GROUNDED, 1 = PIN NOT CONNECTED

- NOTES:
- 5 ILS MODE SHOWN. FEATURES MARKED NOT ON VOR MODE
 - 6 VOR MODE SHOWN, FEATURE MARKED NOT ON ILS MODE

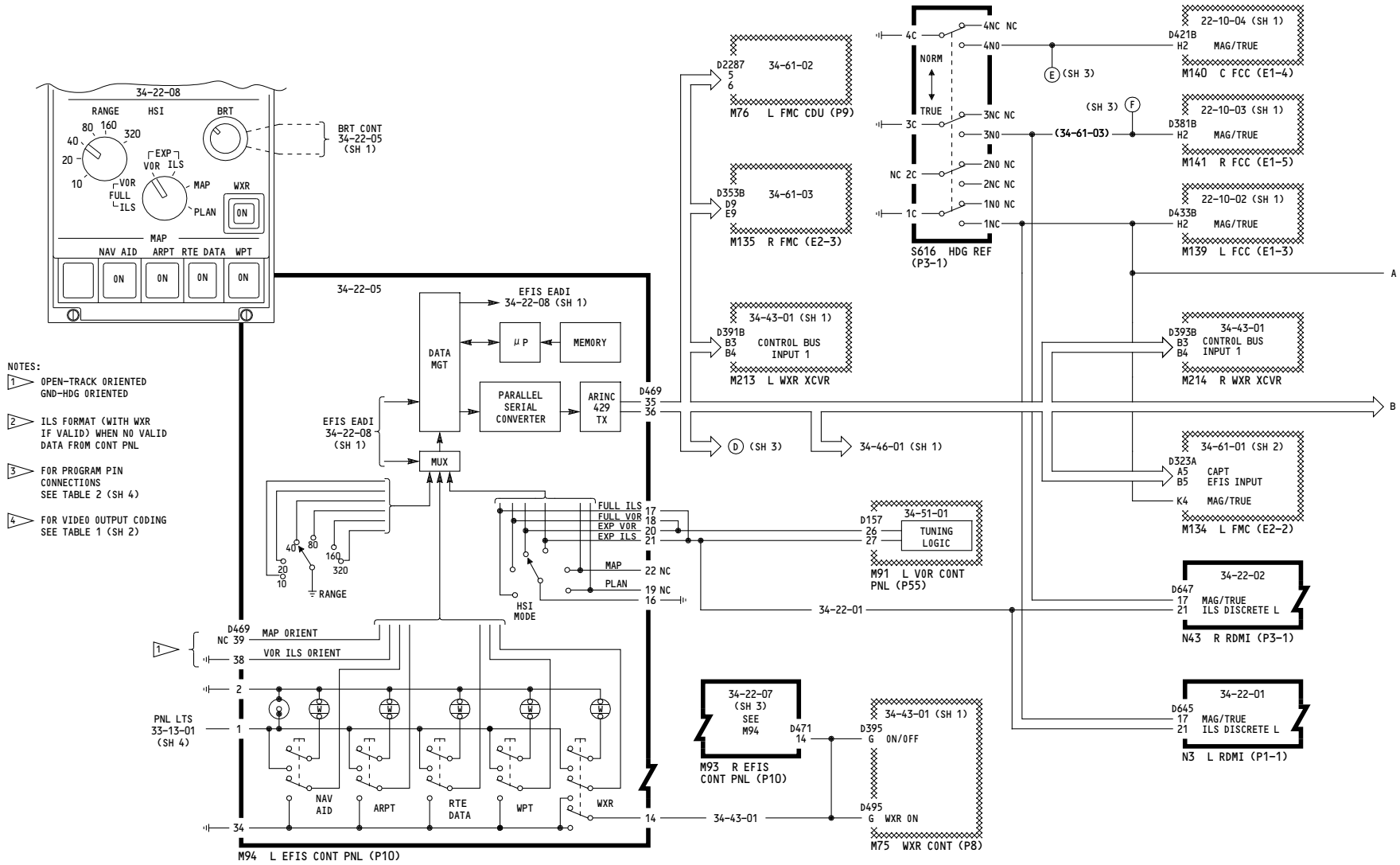


TYPICAL EHSI TEST MESSAGES

DISPLAY FORMATS

150, 152-154	<p>EFIS ELECTRONIC HORIZONTAL SITUATION INDICATOR</p> <p>D280T232</p>
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34-22-07



- NOTES:
- 1 OPEN-TRACK ORIENTED
GND-HDG ORIENTED
 - 2 ILS FORMAT (WITH WXR
IF VALID) WHEN NO VALID
DATA FROM CONT PNL
 - 3 FOR PROGRAM PIN
CONNECTIONS
SEE TABLE 2 (SH 4)
 - 4 FOR VIDEO OUTPUT CODING
SEE TABLE 1 (SH 2)

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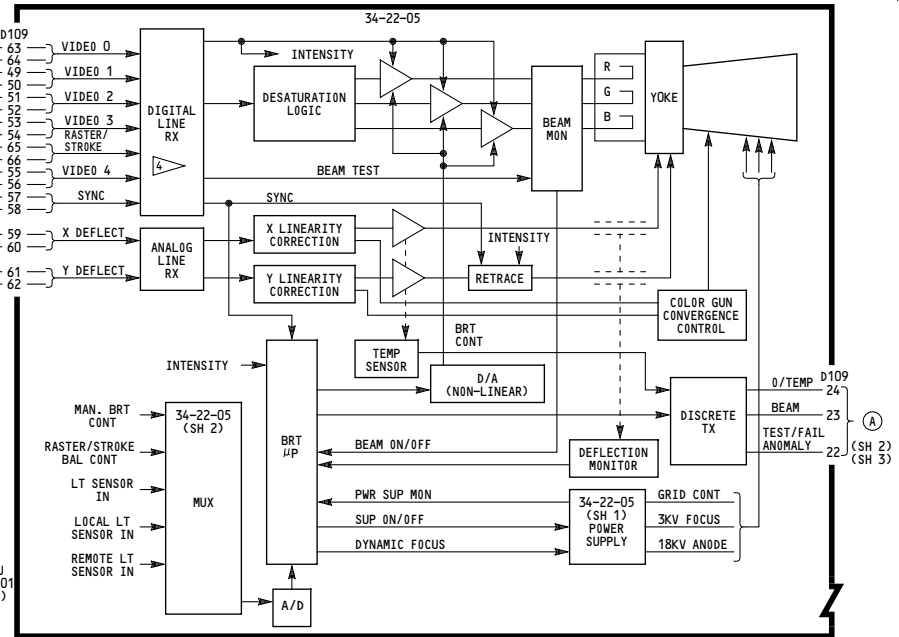
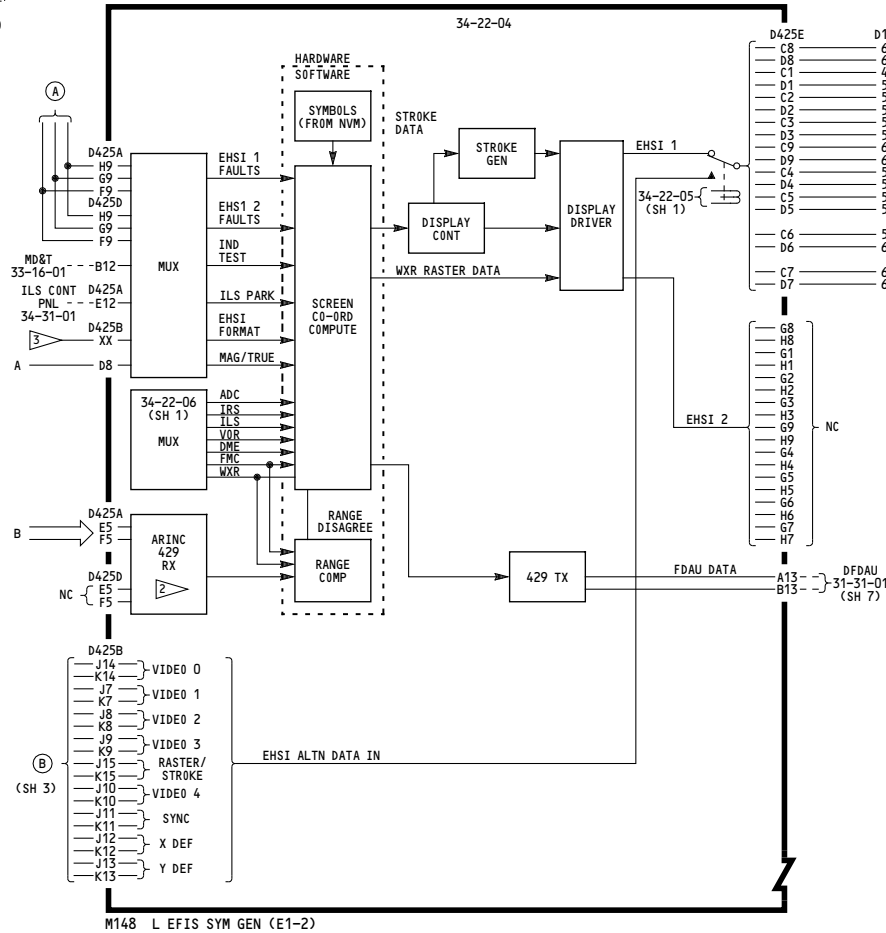
**EFIS ELECTRONIC
HORIZONTAL SITUATION
INDICATOR**

D280T232

Incorporates
MTO 340537

34-22-07

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N5 L EHSI (P1-2) TABLE 1 VIDEO OUTPUT CODES

VIDEO SELECT NO.					CRT OUTPUT		VIDEO SELECT NO.					CRT OUTPUT	
V4	V3	V2	V1	V0	STROKE	RASTER	V4	V3	V2	V1	V0	STROKE	RASTER
0	0	0	0	0	BLACK	BLACK	1	0	0	0	0	BEAM TEST	BLACK
0	0	0	0	1	BLACK	BLACK	1	0	0	0	1	BEAM TEST	BLACK
0	0	0	1	0	RED	RED	1	0	0	1	0	TEST RED	RED
0	0	0	1	1	RED/2	RED	1	0	0	1	1	BLACK	RED/2
0	0	1	0	0	GREEN	GREEN	1	0	1	0	0	TEST GREEN	GREEN
0	0	1	0	1	GREEN/2	GREEN	1	0	1	0	1	BLACK	GREEN/2
0	0	1	1	0	PURPLE	YELLOW	1	0	1	1	0	TEST BLUE	YELLOW
0	0	1	1	1	PURPLE/2	YELLOW	1	0	1	1	1	BLACK	YELLOW/2
0	1	0	0	0	BLUE	BLACK	1	1	0	0	0	YELLOW	BLUE
0	1	0	0	1	BLUE/2	BLACK	1	1	0	0	1	YELLOW/2	BLUE/2
0	1	0	1	0	MAGENTA	BLACK	1	1	0	1	0	BLACK	MAGENTA
0	1	0	1	1	MAGENTA/2	BLACK	1	1	0	1	1	BLACK	MAGENTA/2
0	1	1	0	0	CYAN	CYAN	1	1	1	0	0	BLACK	CYAN
0	1	1	0	1	CYAN/2	CYAN	1	1	1	0	1	BLACK	CYAN/2
0	1	1	1	0	WHITE	YELLOW/2	1	1	1	1	0	BLACK	WHITE
0	1	1	1	1	WHITE/2	BLACK	1	1	1	1	1	BLACK	WHITE/2

X/2 = HALF INTENSITY

151

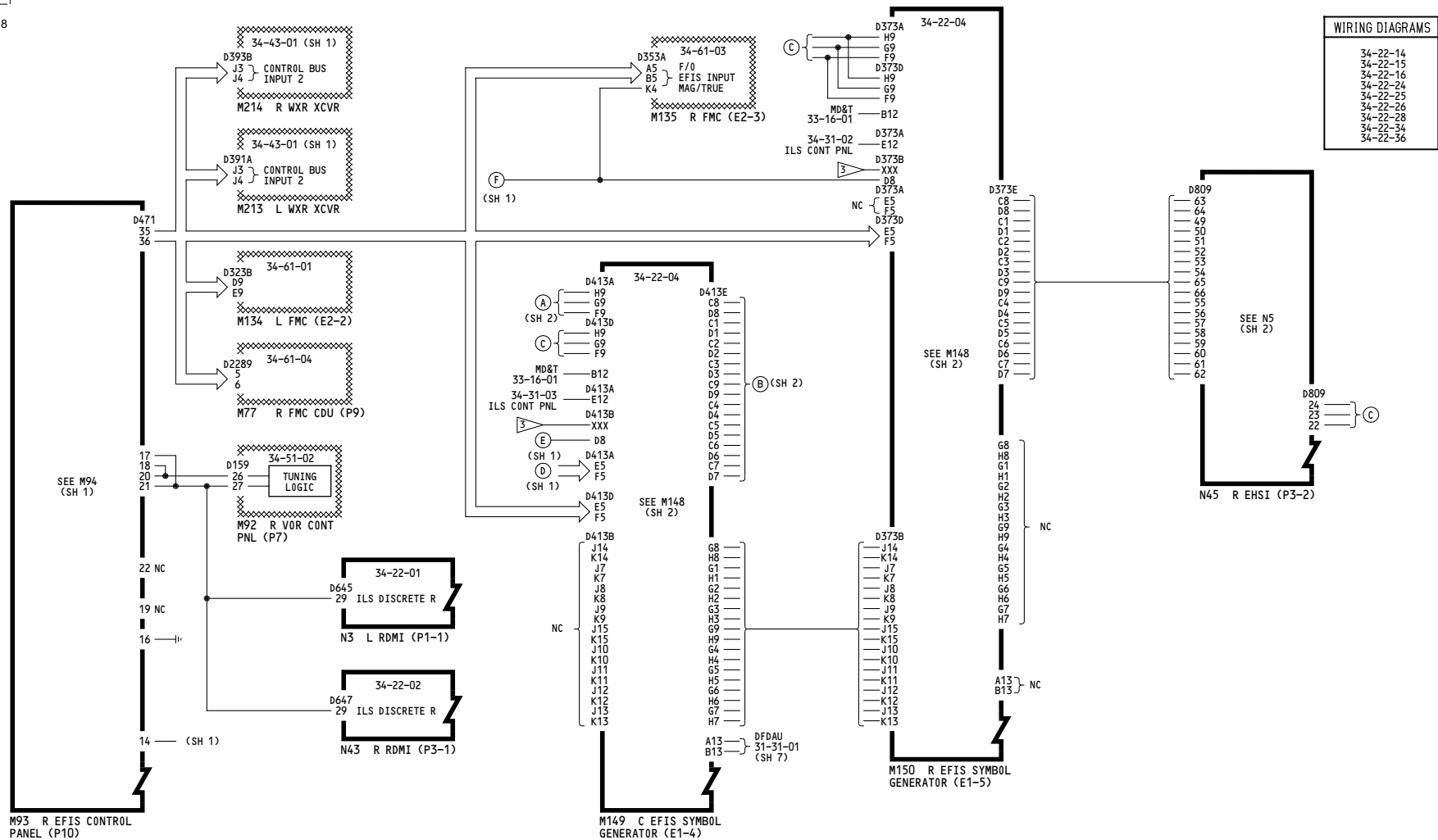
**EFIS ELECTRONIC
HORIZONTAL SITUATION
INDICATOR**

D280T232

L EHSI

34-22-07

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WIRING DIAGRAMS

34-22-14
34-22-15
34-22-16
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34-22-34
34-22-36

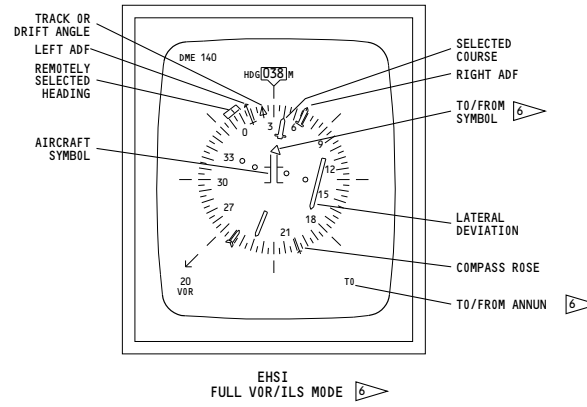
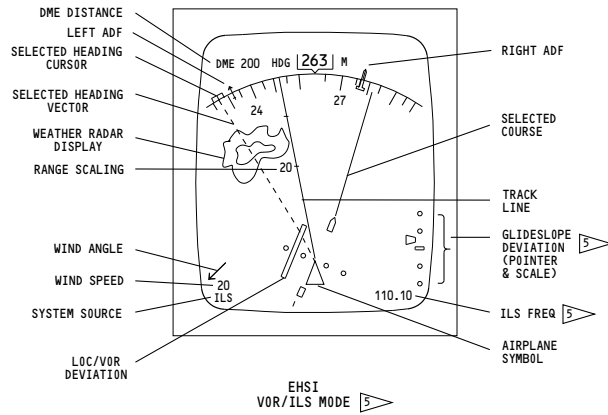
C AND R EHSI

151	<p>EFIS ELECTRONIC HORIZONTAL SITUATION INDICATOR</p> <p>D280T232</p>
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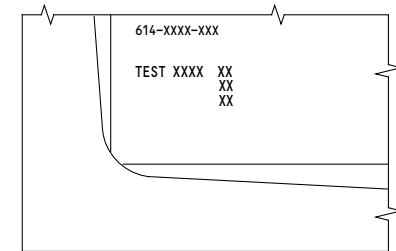
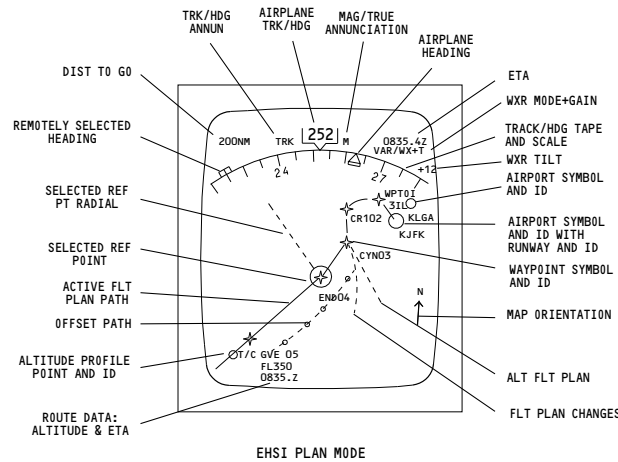
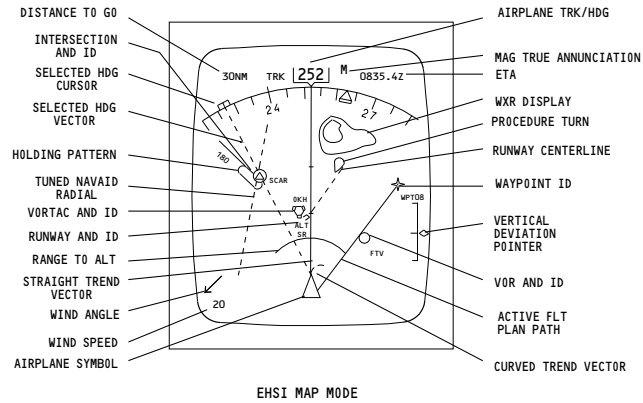
611



EHSI TABLE II PROGRAM PINS

RESULTING PROGRAM PINS	CONN-ECTOR	PIN	L D425	C D413	R D373
ADF INSTALL 1	B	D12	0	0	0
ADF INSTALL 2	B	E12	1	1	1
EHSI DA DSPLY	B	D09	1	1	1
WXR TURB COLOR	B	ED6	1	1	1
WXR SWP PTR	A	G14	1	1	1
EHSI FORMAT 1	B	D07	1	1	1
EHSI FORMAT 2	B	G10	1	1	1
EHSI SYMBOLOGY	A	A13	1	1	1
WXR MODE DISPLAY	B	G6	0	0	0
WIND BEARING	B	B4	0	0	0

0 = PIN GROUNDED, 1 = PIN NOT CONNECTED



NOTES:
 5 ILS MODE SHOWN. FEATURES MARKED NOT ON VOR MODE
 6 VOR MODE SHOWN, FEATURE MARKED NOT ON ILS MODE

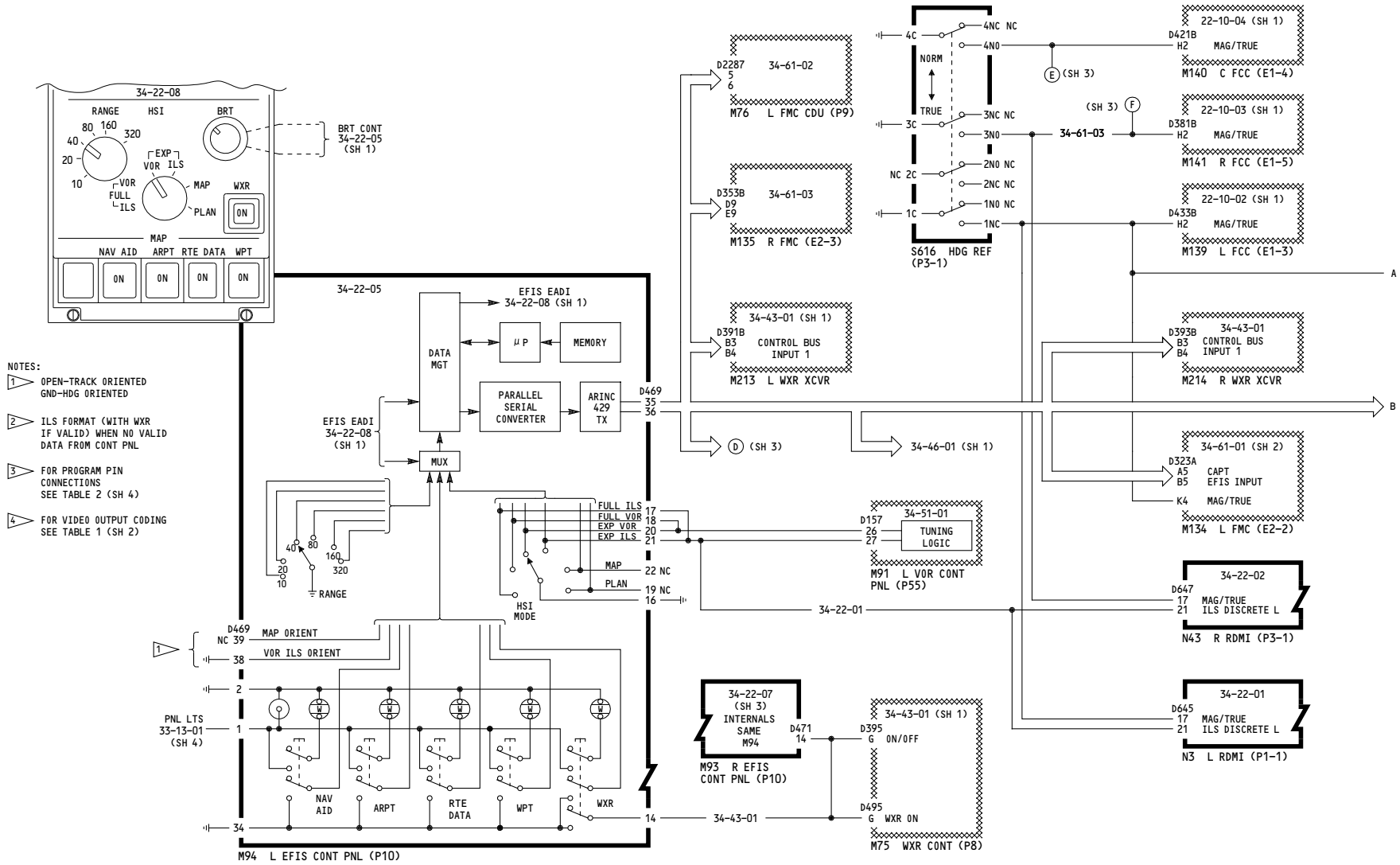
DISPLAY FORMATS

151	<p>EFIS ELECTRONIC HORIZONTAL SITUATION INDICATOR</p> <p>D280T232</p>
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- NOTES:
- 1 OPEN-TRACK ORIENTED
GND-HDG ORIENTED
 - 2 ILS FORMAT (WITH WXR
IF VALID) WHEN NO VALID
DATA FROM CONT PNL
 - 3 FOR PROGRAM PIN
CONNECTIONS
SEE TABLE 2 (SH 4)
 - 4 FOR VIDEO OUTPUT CODING
SEE TABLE 1 (SH 2)

155-166

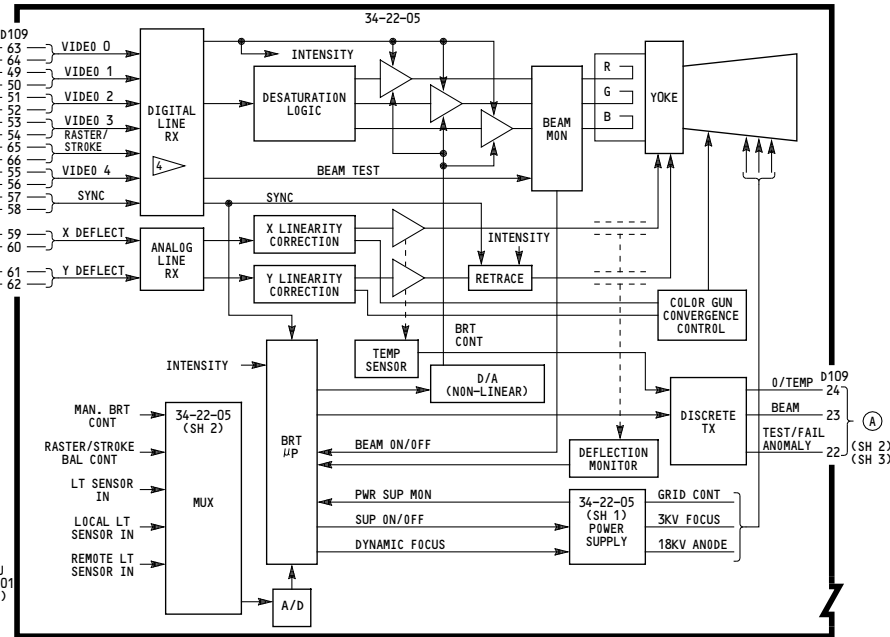
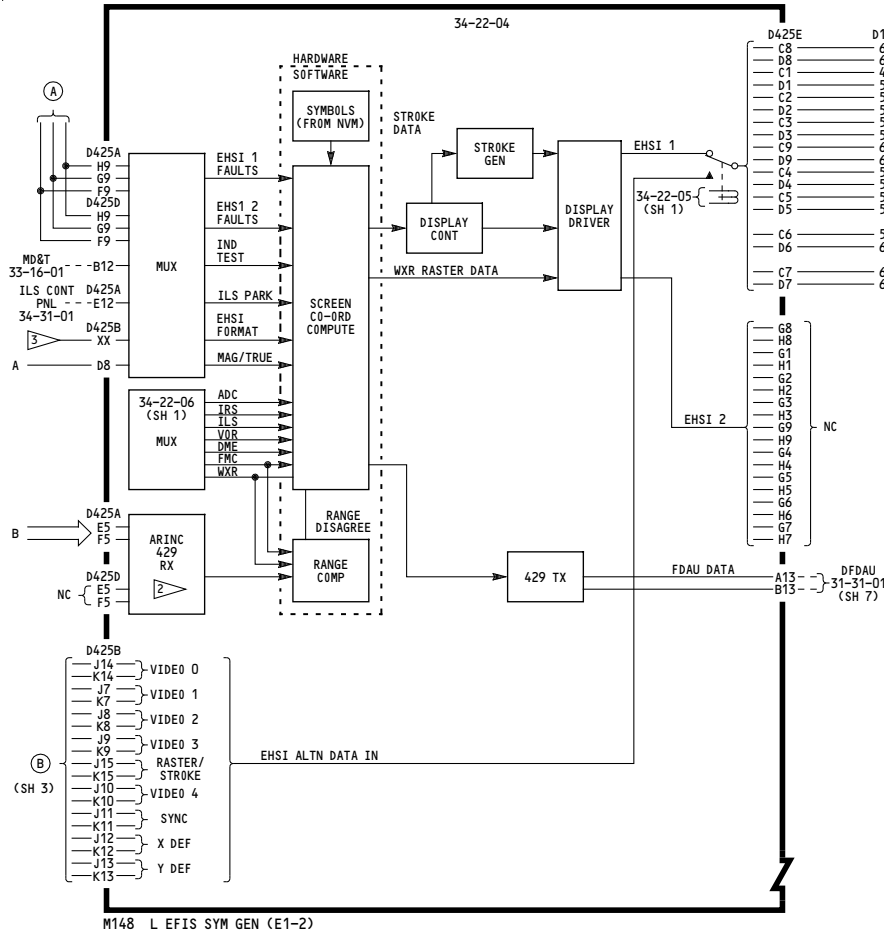
**EFIS ELECTRONIC
HORIZONTAL SITUATION
INDICATOR**

D280T232

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MTO 340537 R01

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N5 L EHSI (P1-2) TABLE 1 VIDEO OUTPUT CODES

VIDEO SELECT NO.					CRT OUTPUT		VIDEO SELECT NO.					CRT OUTPUT	
V4	V3	V2	V1	V0	STROKE	RASTER	V4	V3	V2	V1	V0	STROKE	RASTER
0	0	0	0	0	BLACK	BLACK	1	0	0	0	0	BEAM TEST	BLACK
0	0	0	0	1	BLACK	BLACK	1	0	0	0	1	BEAM TEST	BLACK
0	0	0	1	0	RED	RED	1	0	0	1	0	TEST RED	RED
0	0	0	1	1	RED/2	RED	1	0	0	1	1	BLACK	RED/2
0	0	1	0	0	GREEN	GREEN	1	0	1	0	0	TEST GREEN	GREEN
0	0	1	0	1	GREEN/2	GREEN	1	0	1	0	1	BLACK	GREEN/2
0	0	1	1	0	PURPLE	YELLOW	1	0	1	1	0	TEST BLUE	YELLOW
0	0	1	1	1	PURPLE/2	YELLOW	1	0	1	1	1	BLACK	YELLOW/2
0	1	0	0	0	BLUE	BLACK	1	1	0	0	0	YELLOW	BLUE
0	1	0	0	1	BLUE/2	BLACK	1	1	0	0	1	YELLOW/2	BLUE/2
0	1	0	1	0	MAGENTA	BLACK	1	1	0	1	0	BLACK	MAGENTA
0	1	0	1	1	MAGENTA/2	BLACK	1	1	0	1	1	BLACK	MAGENTA/2
0	1	1	0	0	CYAN	CYAN	1	1	1	0	0	BLACK	CYAN
0	1	1	0	1	CYAN/2	CYAN	1	1	1	0	1	BLACK	CYAN/2
0	1	1	1	0	WHITE	YELLOW/2	1	1	1	1	0	BLACK	WHITE
0	1	1	1	1	WHITE/2	BLACK	1	1	1	1	1	BLACK	WHITE/2

X/2 = HALF INTENSITY

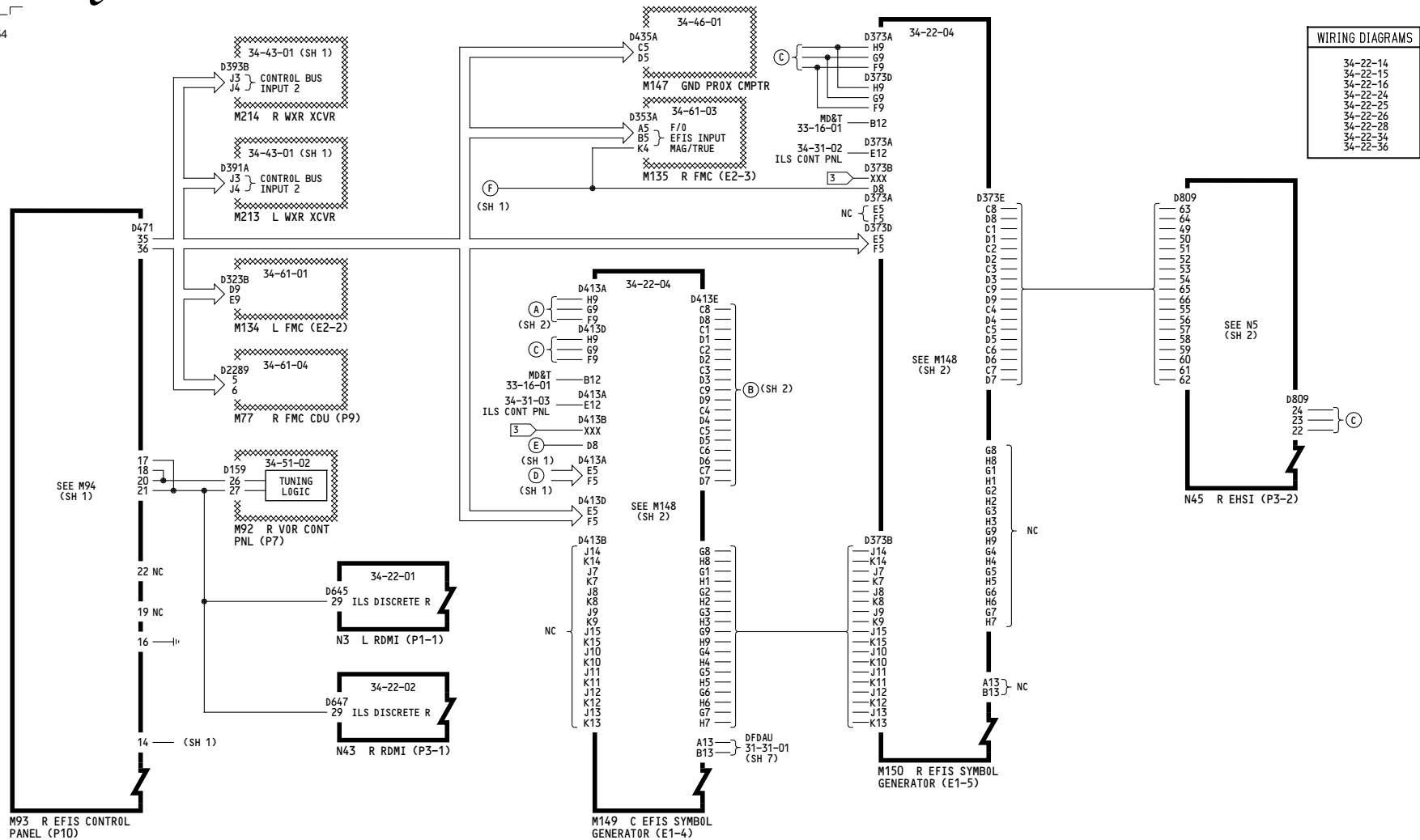
155-166

**EFIS ELECTRONIC
HORIZONTAL SITUATION
INDICATOR**

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C AND R EHSI

155-166

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HORIZONTAL SITUATION
INDICATOR**

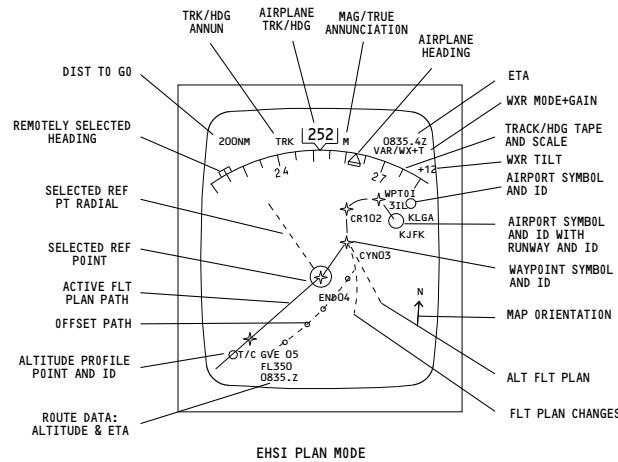
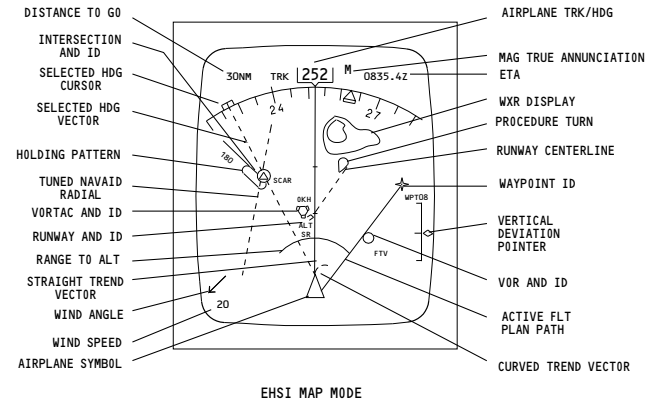
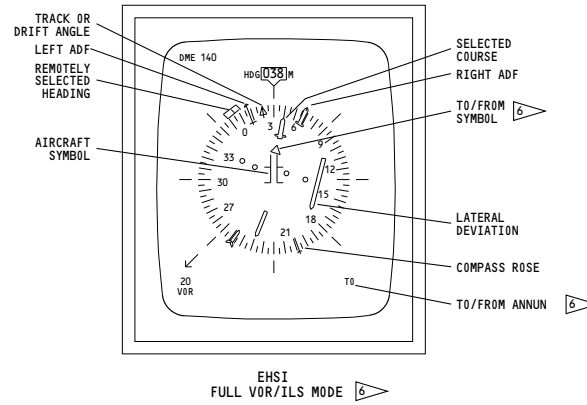
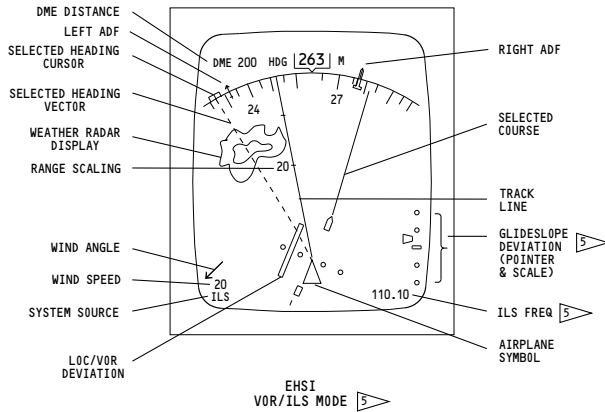
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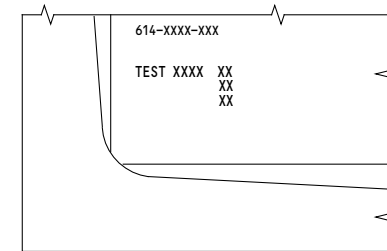


EHSI TABLE II PROGRAM PINS

RESULTING PROGRAM PINS	CONN-ECTOR	PIN	L D425	C D413	R D373
ADF INSTALL 1	B	D12	0	0	0
ADF INSTALL 2	B	E12	1	1	1
EHSI DA DSPLY	B	D09	1	1	1
WXR TURB COLOR	B	ED6	1	1	1
WXR SWP PTR	A	G14	1	1	1
EHSI FORMAT 1	B	D07	1	1	1
EHSI FORMAT 2	B	G10	1	1	1
EHSI SYMBOLOGY	A	A13	1	1	1
WXR MODE DISPLAY	B	G6	0	0	0
WIND BEARING	B	B4	0	0	0

0 = PIN GROUNDED, 1 = PIN NOT CONNECTED

- NOTES:
- 5 ILS MODE SHOWN. FEATURES MARKED NOT ON VOR MODE
 - 6 VOR MODE SHOWN, FEATURE MARKED NOT ON ILS MODE



TYPICAL EHSI TEST MESSAGES

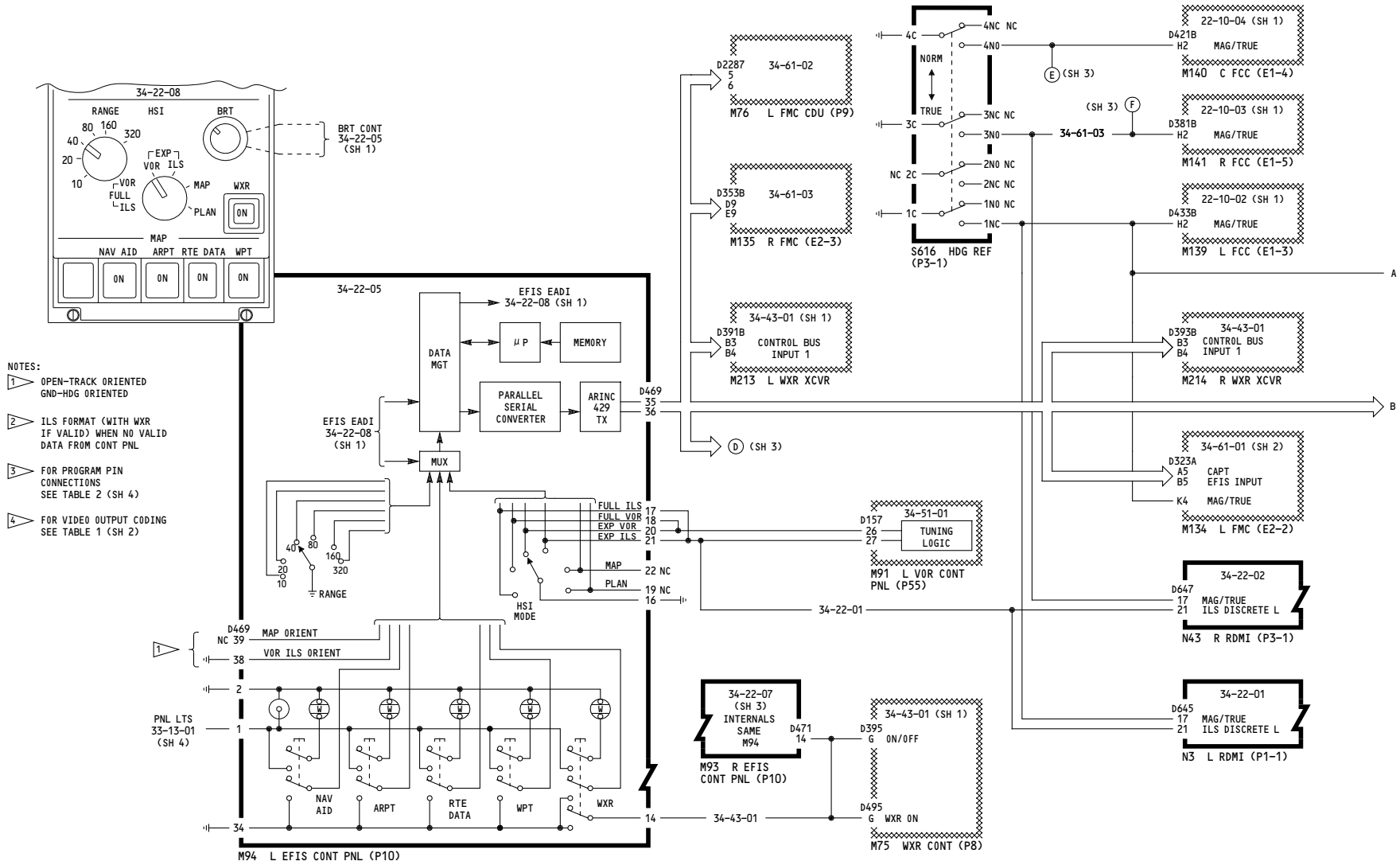
DISPLAY FORMATS

155-166	<p>EFIS ELECTRONIC HORIZONTAL SITUATION INDICATOR</p> <p>D280T232</p>
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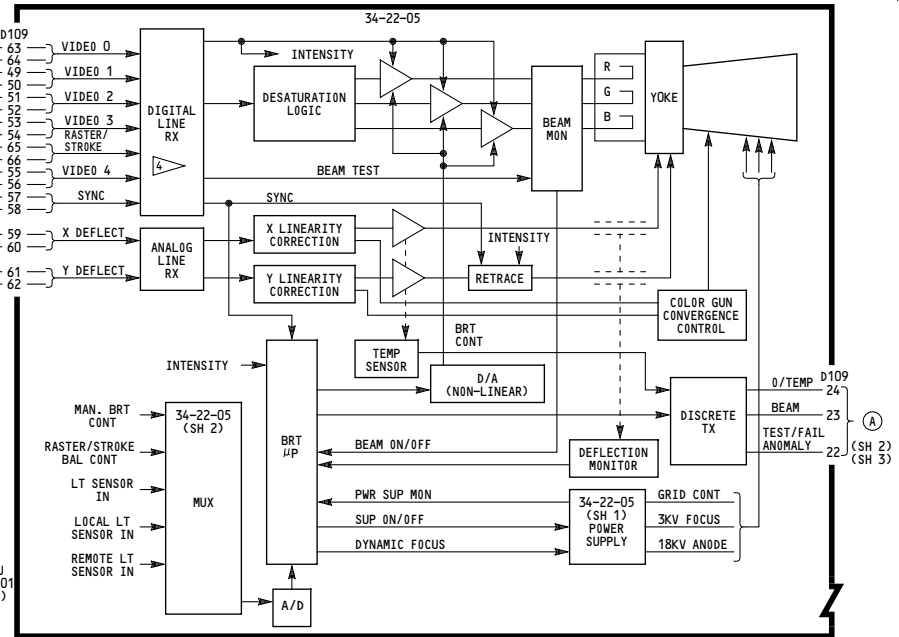
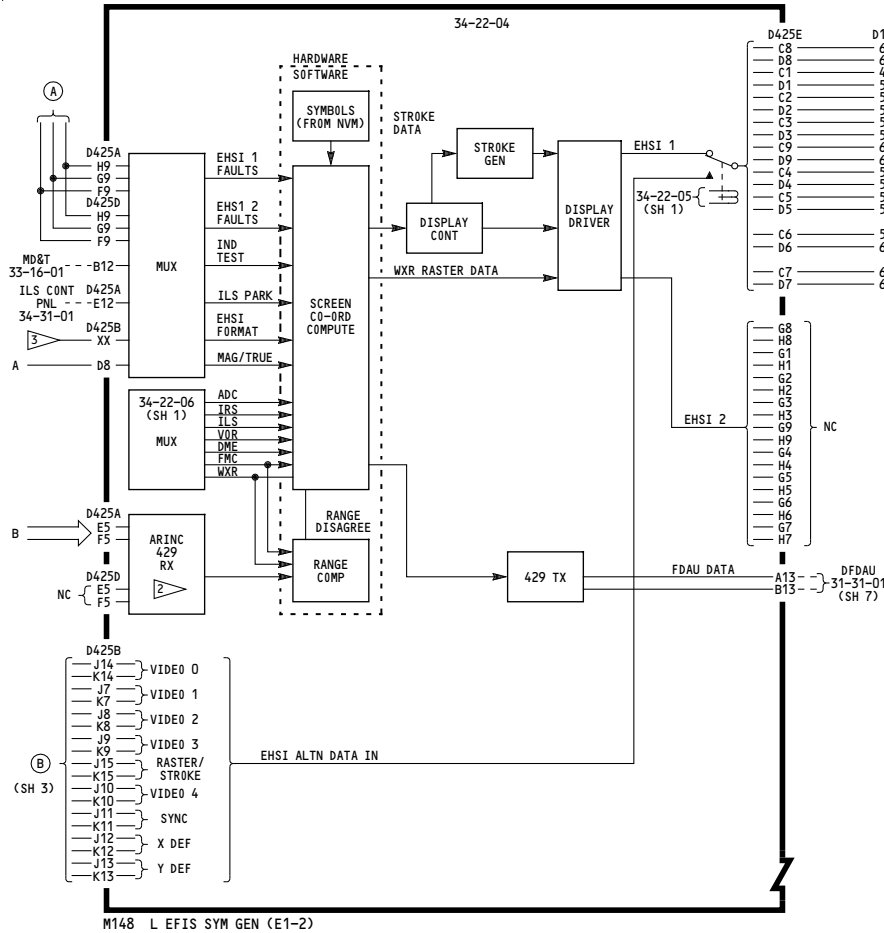
EFIS ELECTRONIC HORIZONTAL SITUATION INDICATOR

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N5 L EHSI (P1-2) TABLE 1 VIDEO OUTPUT CODES

VIDEO SELECT NO.					CRT OUTPUT		VIDEO SELECT NO.					CRT OUTPUT	
V4	V3	V2	V1	V0	STROKE	RASTER	V4	V3	V2	V1	V0	STROKE	RASTER
0	0	0	0	0	BLACK	BLACK	1	0	0	0	0	BEAM TEST	BLACK
0	0	0	0	1	BLACK	BLACK	1	0	0	0	1	BEAM TEST	BLACK
0	0	0	1	0	RED	RED	1	0	0	1	0	TEST RED	RED
0	0	0	1	1	RED/2	RED	1	0	0	1	1	BLACK	RED/2
0	0	1	0	0	GREEN	GREEN	1	0	1	0	0	TEST GREEN	GREEN
0	0	1	0	1	GREEN/2	GREEN	1	0	1	0	1	BLACK	GREEN/2
0	0	1	1	0	PURPLE	YELLOW	1	0	1	1	0	TEST BLUE	YELLOW
0	0	1	1	1	PURPLE/2	YELLOW	1	0	1	1	1	BLACK	YELLOW/2
0	1	0	0	0	BLUE	BLACK	1	1	0	0	0	YELLOW	BLUE
0	1	0	0	1	BLUE/2	BLACK	1	1	0	0	1	YELLOW/2	BLUE/2
0	1	0	1	0	MAGENTA	BLACK	1	1	0	1	0	BLACK	MAGENTA
0	1	0	1	1	MAGENTA/2	BLACK	1	1	0	1	1	BLACK	MAGENTA/2
0	1	1	0	0	CYAN	CYAN	1	1	1	0	0	BLACK	CYAN
0	1	1	0	1	CYAN/2	CYAN	1	1	1	0	1	BLACK	CYAN/2
0	1	1	1	0	WHITE	YELLOW/2	1	1	1	1	0	BLACK	WHITE
0	1	1	1	1	WHITE/2	BLACK	1	1	1	1	1	BLACK	WHITE/2

X/2 = HALF INTENSITY

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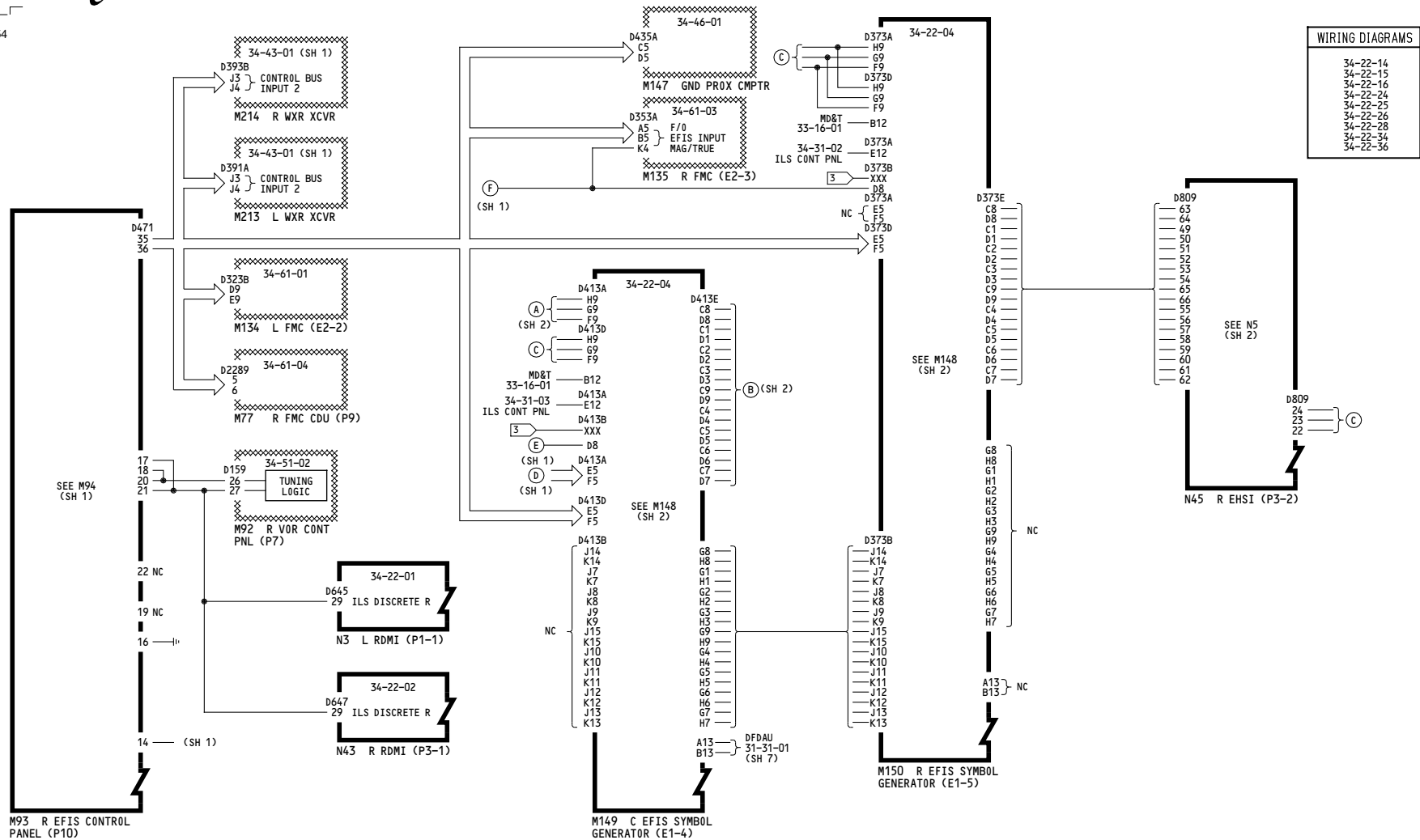
**EFIS ELECTRONIC
HORIZONTAL SITUATION
INDICATOR**

D280T232

L EHSI

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WIRING DIAGRAMS	
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34-22-25	
34-22-26	
34-22-28	
34-22-34	
34-22-36	

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**EFIS ELECTRONIC
HORIZONTAL SITUATION
INDICATOR**

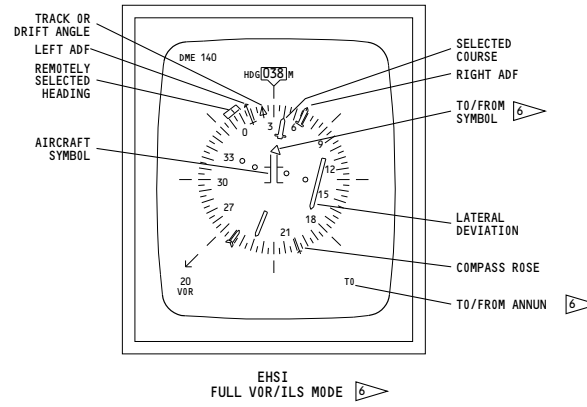
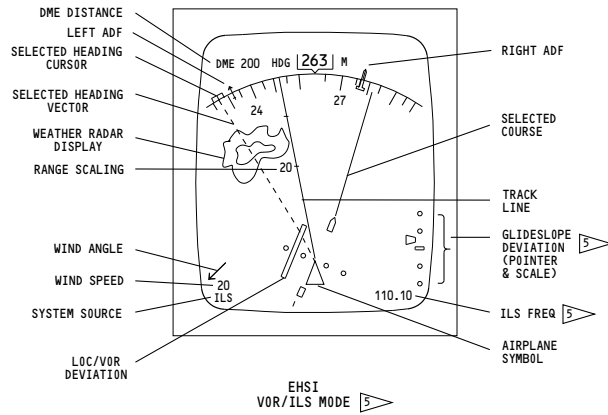
Incorporates
MTO-340961

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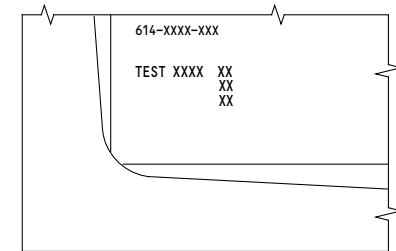
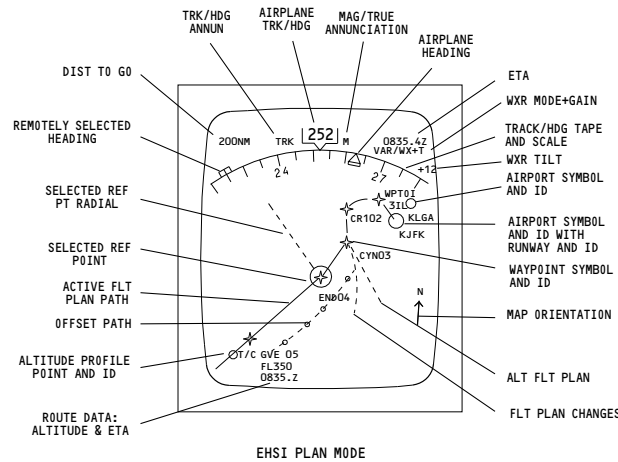
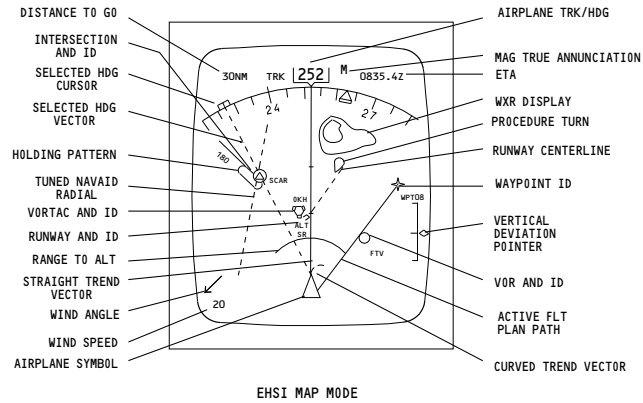
611



EHSI
TABLE II PROGRAM PINS

RESULTING PROGRAM PINS	CONN-ECTOR	PIN	L D425	C D413	R D373
ADF INSTALL 1	B	D12	0	0	0
ADF INSTALL 2	B	E12	1	1	1
EHSI DA DSPLY	B	D09	1	1	1
WXR TURB COLOR	B	ED6	1	1	1
WXR SWP PTR	A	G14	1	1	1
EHSI FORMAT 1	B	D07	1	1	1
EHSI FORMAT 2	B	G10	1	1	1
EHSI SYMBOLOGY	A	A13	1	1	1
WXR MODE DISPLAY	B	G6	0	0	0
WIND BEARING	B	B4	0	0	0

0 = PIN GROUNDED, 1 = PIN NOT CONNECTED



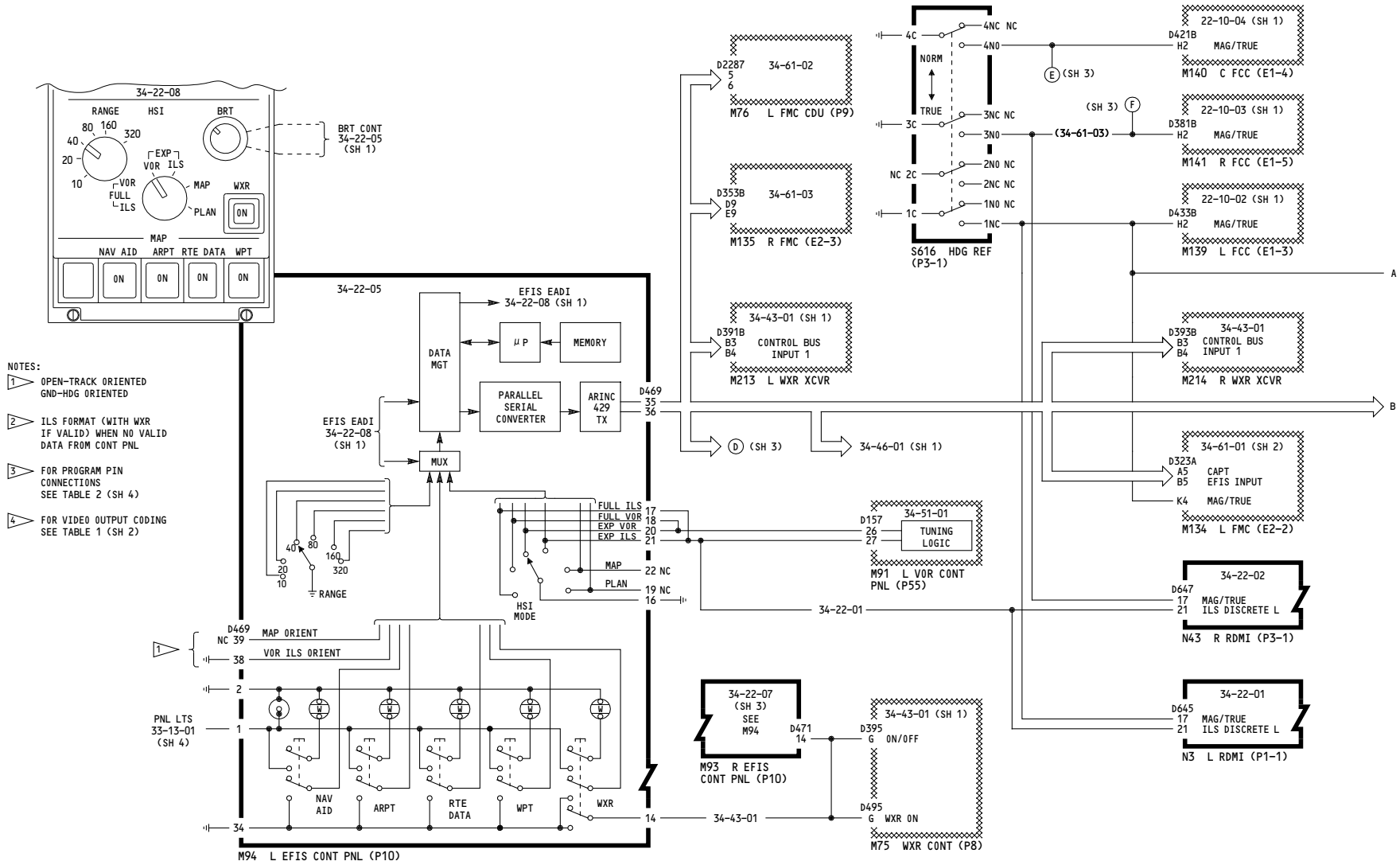
NOTES:
 5 ILS MODE SHOWN. FEATURES MARKED NOT ON VOR MODE
 6 VOR MODE SHOWN, FEATURE MARKED NOT ON ILS MODE

DISPLAY FORMATS

167	<p>EFIS ELECTRONIC HORIZONTAL SITUATION INDICATOR</p> <p>D280T232</p>
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- NOTES:
- 1 OPEN-TRACK ORIENTED
GND-HDG ORIENTED
 - 2 ILS FORMAT (WITH WXR
IF VALID) WHEN NO VALID
DATA FROM CONT PNL
 - 3 FOR PROGRAM PIN
CONNECTIONS
SEE TABLE 2 (SH 4)
 - 4 FOR VIDEO OUTPUT CODING
SEE TABLE 1 (SH 2)

275-276

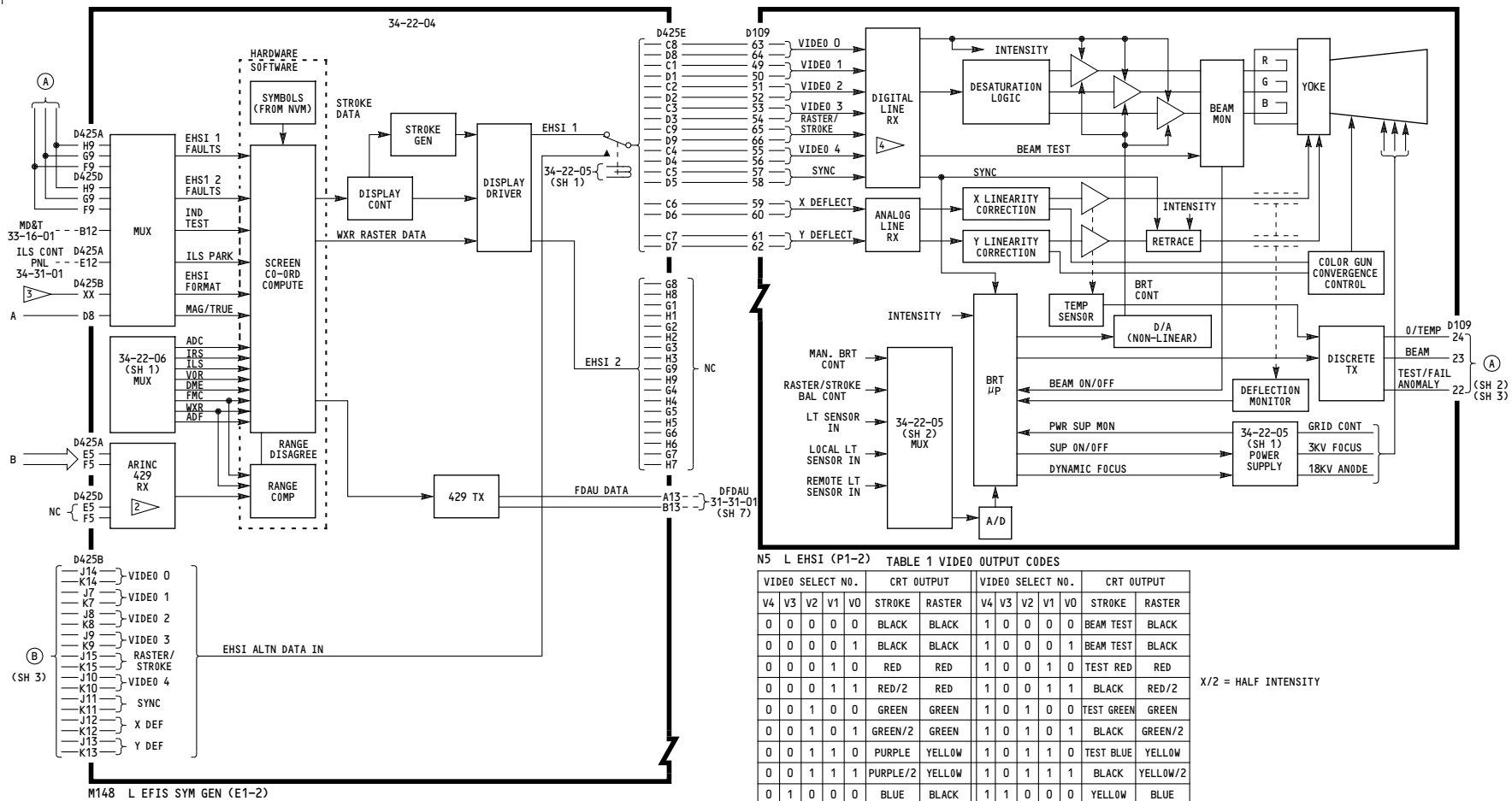
**EFIS ELECTRONIC
HORIZONTAL SITUATION
INDICATOR**

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MTO 340537

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M148 L EFIS SYM GEN (E1-2)

N5 L EHSI (P1-2) TABLE 1 VIDEO OUTPUT CODES

VIDEO SELECT NO.					CRT OUTPUT		VIDEO SELECT NO.					CRT OUTPUT	
V4	V3	V2	V1	V0	STROKE	RASTER	V4	V3	V2	V1	V0	STROKE	RASTER
0	0	0	0	0	BLACK	BLACK	1	0	0	0	0	BEAM TEST	BLACK
0	0	0	0	1	BLACK	BLACK	1	0	0	0	1	BEAM TEST	BLACK
0	0	0	1	0	RED	RED	1	0	0	1	0	TEST RED	RED
0	0	0	1	1	RED/2	RED	1	0	0	1	1	BLACK	RED/2
0	0	1	0	0	GREEN	GREEN	1	0	1	0	0	TEST GREEN	GREEN
0	0	1	0	1	GREEN/2	GREEN	1	0	1	0	1	BLACK	GREEN/2
0	0	1	1	0	PURPLE	YELLOW	1	0	1	1	0	TEST BLUE	YELLOW
0	0	1	1	1	PURPLE/2	YELLOW	1	0	1	1	1	BLACK	YELLOW/2
0	1	0	0	0	BLUE	BLACK	1	1	0	0	0	YELLOW	BLUE
0	1	0	0	1	BLUE/2	BLACK	1	1	0	0	1	YELLOW/2	BLUE/2
0	1	0	1	0	MAGENTA	BLACK	1	1	0	1	0	BLACK	MAGENTA
0	1	0	1	1	MAGENTA/2	BLACK	1	1	0	1	1	BLACK	MAGENTA/2
0	1	1	0	0	CYAN	CYAN	1	1	1	0	0	BLACK	CYAN
0	1	1	0	1	CYAN/2	CYAN	1	1	1	0	1	BLACK	CYAN/2
0	1	1	1	0	WHITE	YELLOW/2	1	1	1	1	0	BLACK	WHITE
0	1	1	1	1	WHITE/2	BLACK	1	1	1	1	1	BLACK	WHITE/2

X/2 = HALF INTENSITY

275-276

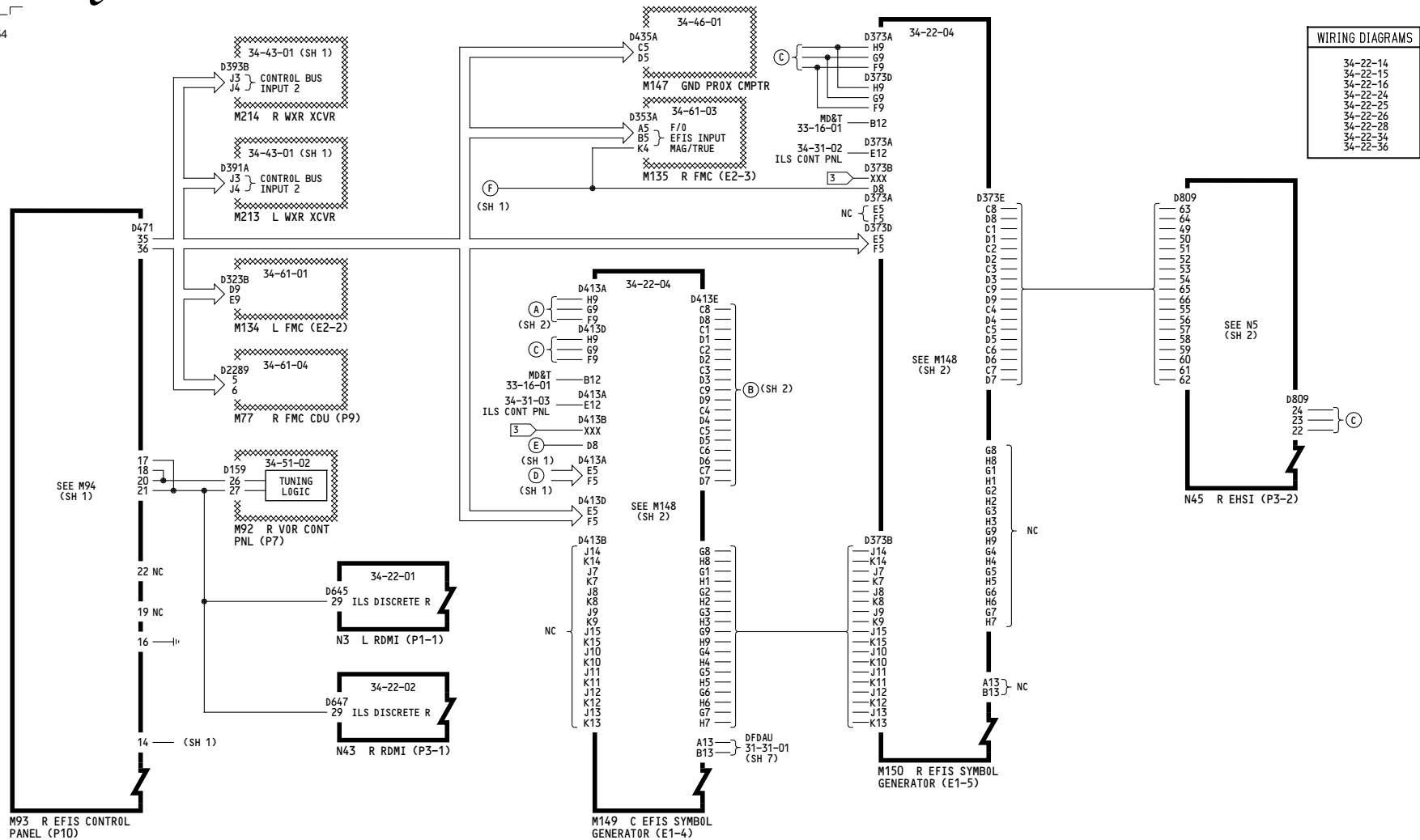
**EFIS ELECTRONIC
HORIZONTAL SITUATION
INDICATOR**

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WIRING DIAGRAMS	
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34-22-16	
34-22-24	
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34-22-28	
34-22-34	
34-22-36	

275-276

C AND R EHSI

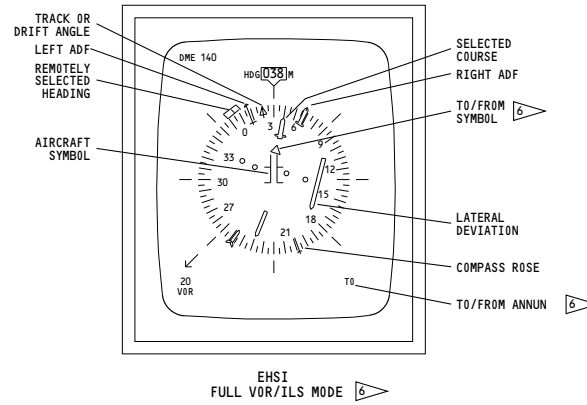
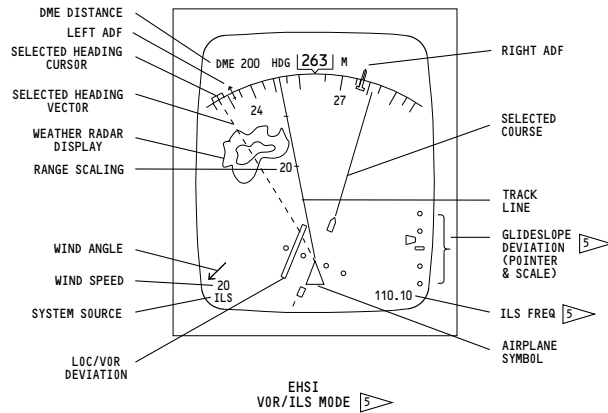
**EFIS ELECTRONIC
HORIZONTAL SITUATION
INDICATOR**

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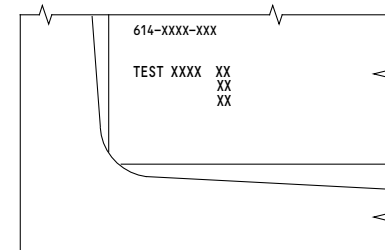
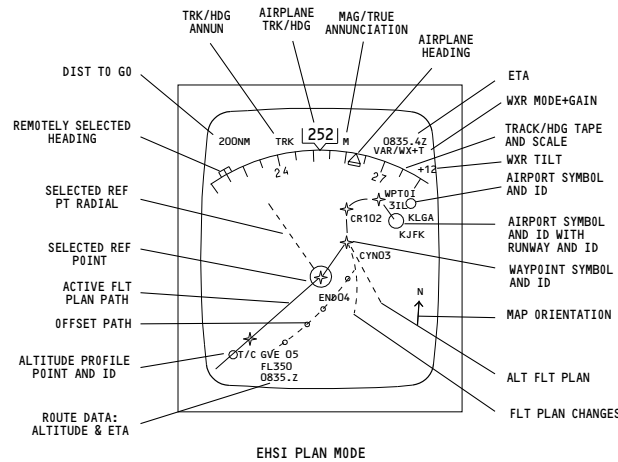
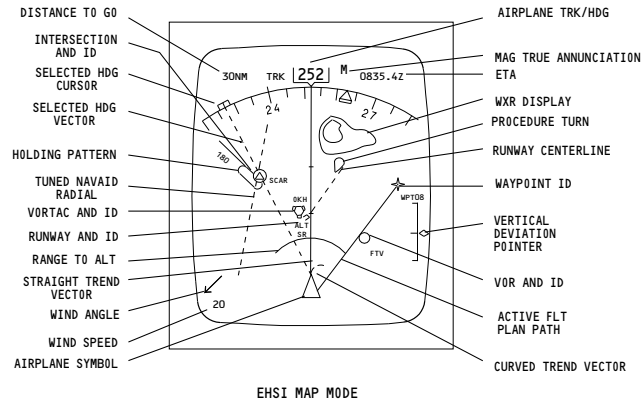
611



EHSI
TABLE II PROGRAM PINS

RESULTING PROGRAM PINS	CONN-ECTOR	PIN	L D425	C D413	R D373
ADF INSTALL 1	B	D12	0	0	0
ADF INSTALL 2	B	E12	1	1	1
EHSI DA DSPLY	B	D09	1	1	1
WXR TURB COLOR	B	ED6	1	1	1
WXR SWP PTR	A	G14	1	1	1
EHSI FORMAT 1	B	D07	1	1	1
EHSI FORMAT 2	B	G10	1	1	1
EHSI SYMBOLOGY	A	A13	1	1	1
WXR MODE DISPLAY	B	G6	0	0	0
WIND BEARING	B	B4	0	0	0

0 = PIN GROUNDED, 1 = PIN NOT CONNECTED



NOTES:
 5 ILS MODE SHOWN. FEATURES MARKED NOT ON VOR MODE
 6 VOR MODE SHOWN, FEATURE MARKED NOT ON ILS MODE

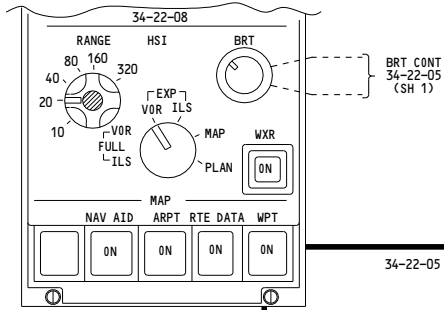
DISPLAY FORMATS

275-276	<p>EFIS ELECTRONIC HORIZONTAL SITUATION INDICATOR</p> <p>D280T232</p>
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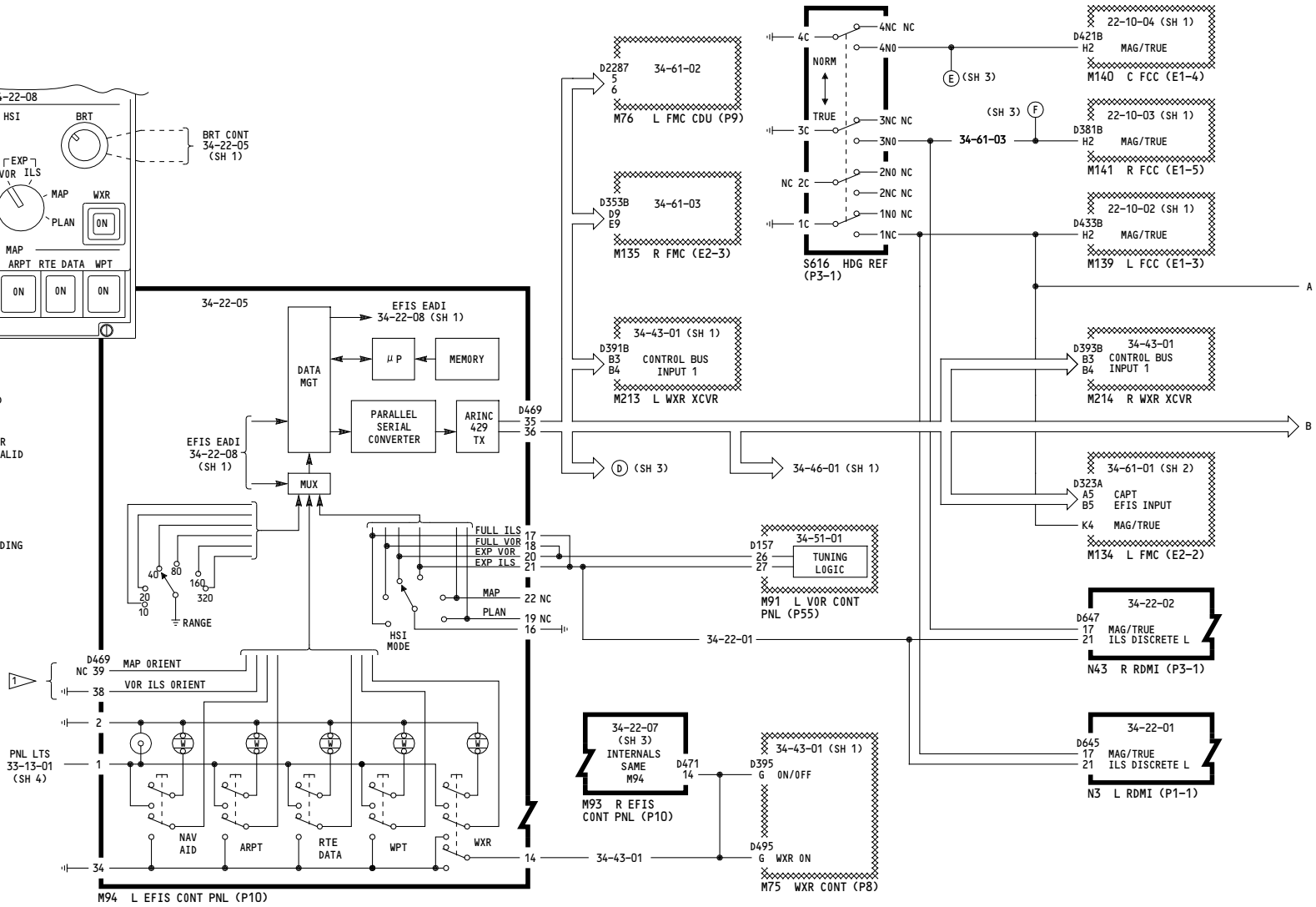
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NOTES:

- 1 OPEN-TRACK ORIENTED
GND-HDG ORIENTED
- 2 ILS FORMAT (WITH WXR
IF VALID) WHEN NO VALID
DATA FROM CONT PNL
- 3 FOR PROGRAM PIN
CONNECTIONS
SEE TABLE 2 (SH 4)
- 4 FOR VIDEO OUTPUT CODING
SEE TABLE 1 (SH 2)



277-278

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INDICATOR**

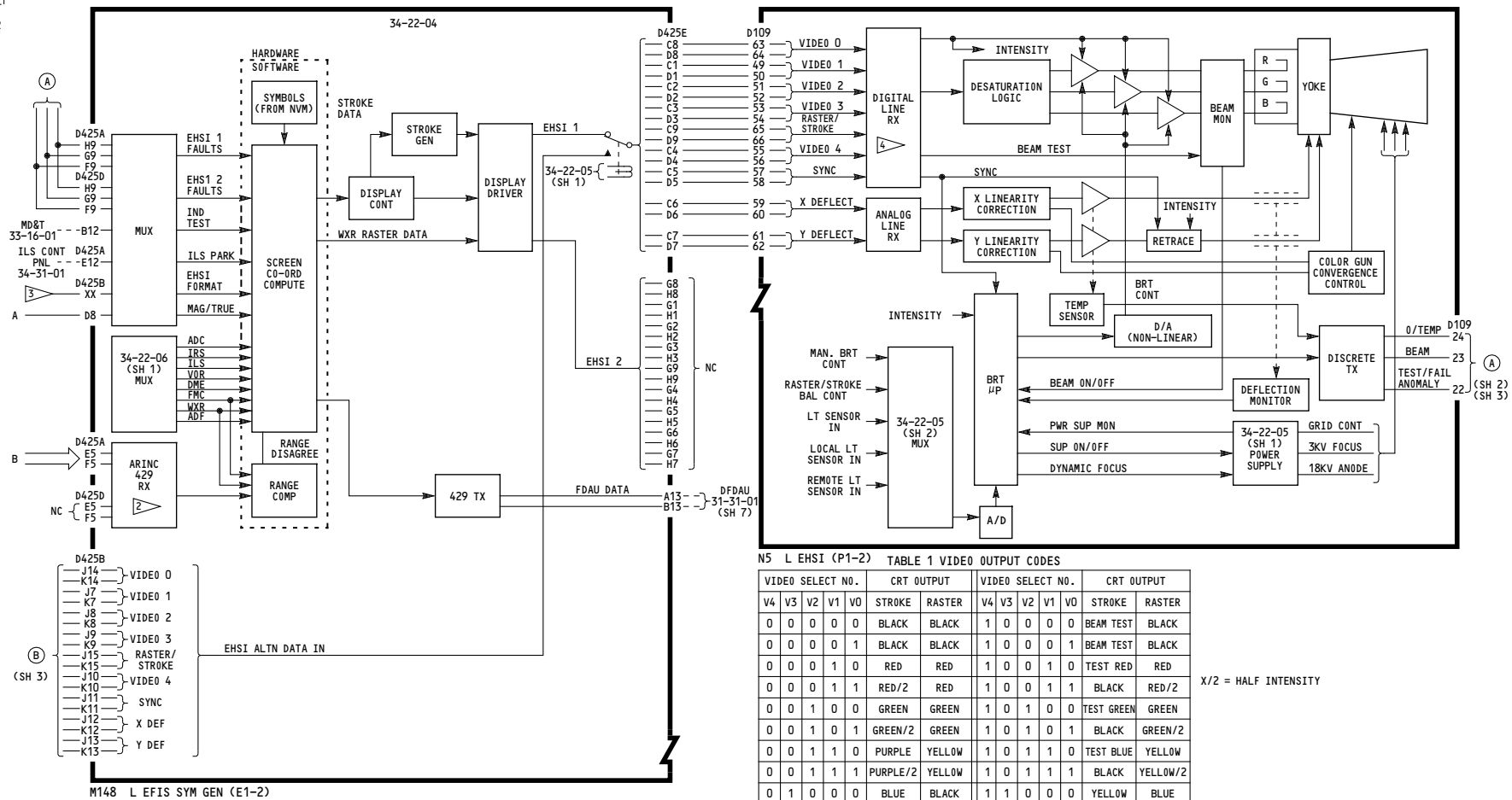
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M148 L EFIS SYM GEN (E1-2)

L EHSI

277-278

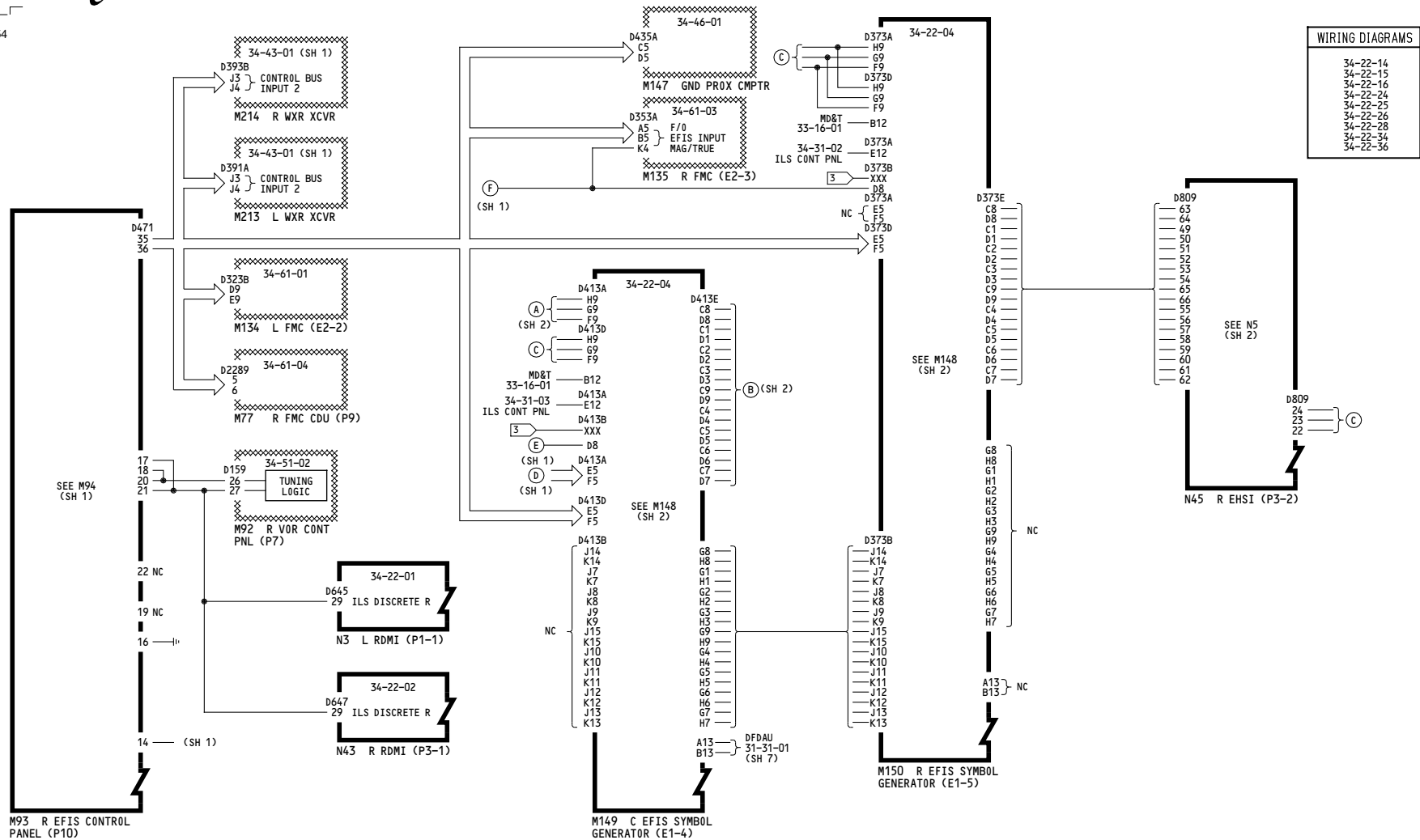
**EFIS ELECTRONIC
HORIZONTAL SITUATION
INDICATOR**

D280T232

34-22-07

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754



C AND R EHSI

277-278

**EFIS ELECTRONIC
HORIZONTAL SITUATION
INDICATOR**

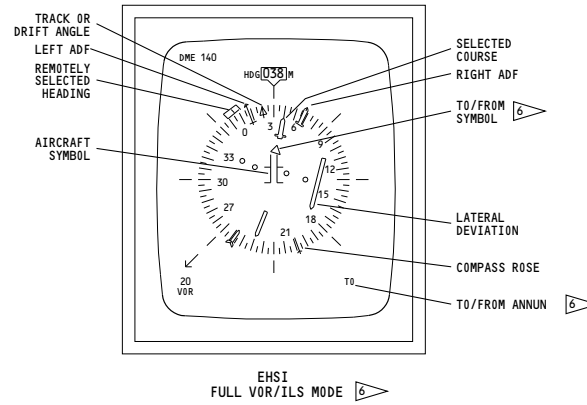
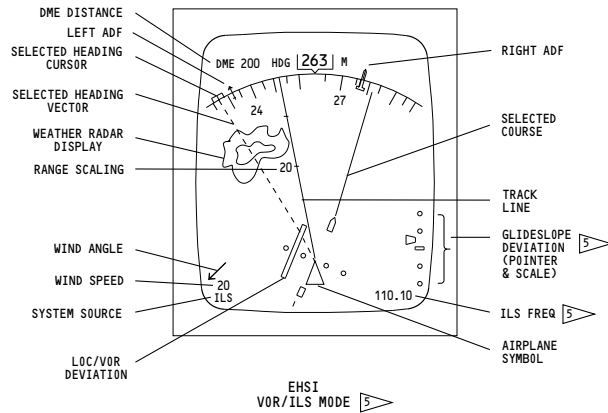
Incorporates
MTO-340961

D280T232

34-22-07

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Sheet 3
Jan 21/2005

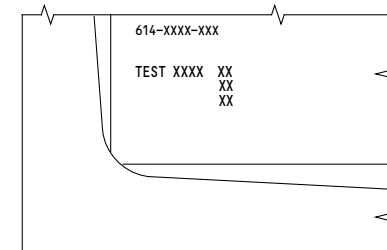
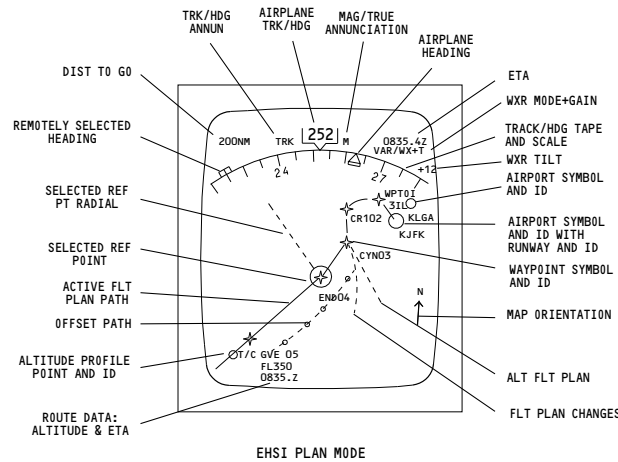
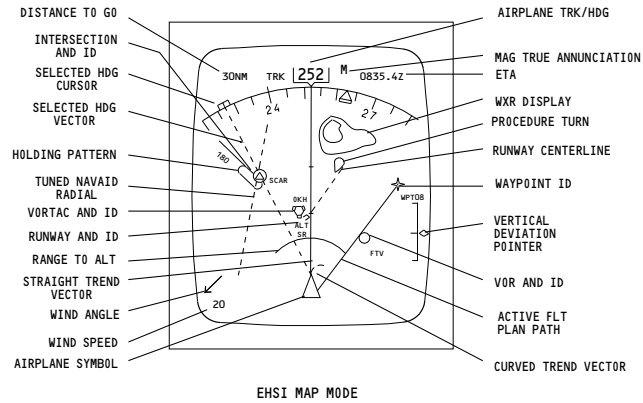
611



EHSI
TABLE II PROGRAM PINS

RESULTING PROGRAM PINS	CONN-ECTOR	PIN	L D425	C D413	R D373
ADF INSTALL 1	B	D12	0	0	0
ADF INSTALL 2	B	E12	1	1	1
EHSI DA DSPLY	B	D09	1	1	1
WXR TURB COLOR	B	ED6	1	1	1
WXR SWP PTR	A	G14	1	1	1
EHSI FORMAT 1	B	D07	1	1	1
EHSI FORMAT 2	B	G10	1	1	1
EHSI SYMBOLOGY	A	A13	1	1	1
WXR MODE DISPLAY	B	G6	0	0	0
WIND BEARING	B	B4	0	0	0

0 = PIN GROUNDED, 1 = PIN NOT CONNECTED



TYPICAL EHSI TEST MESSAGES

NOTES:
 5 ILS MODE SHOWN. FEATURES MARKED NOT ON VOR MODE
 6 VOR MODE SHOWN, FEATURE MARKED NOT ON ILS MODE

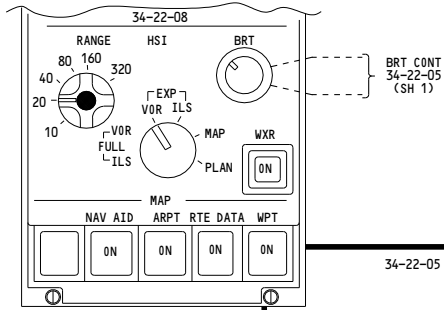
DISPLAY FORMATS

277-278	<p>EFIS ELECTRONIC HORIZONTAL SITUATION INDICATOR</p> <p>D280T232</p>
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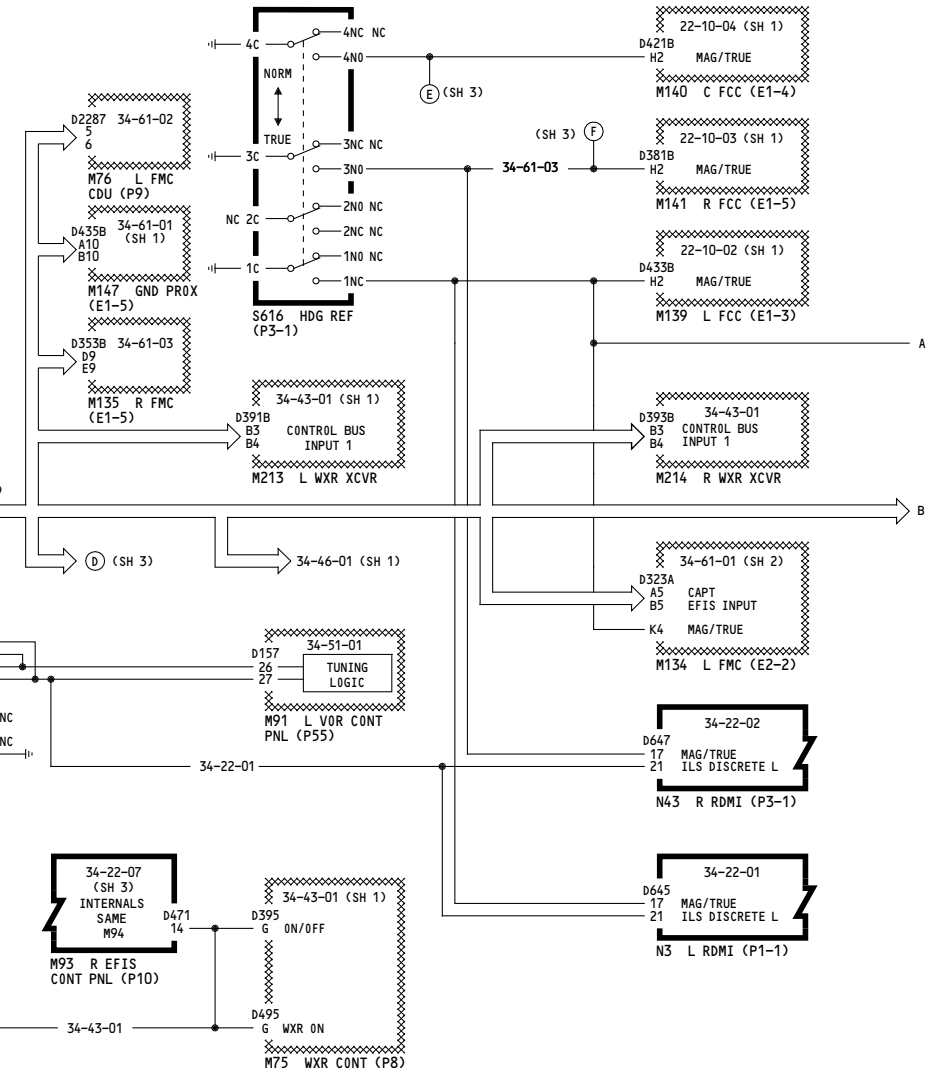
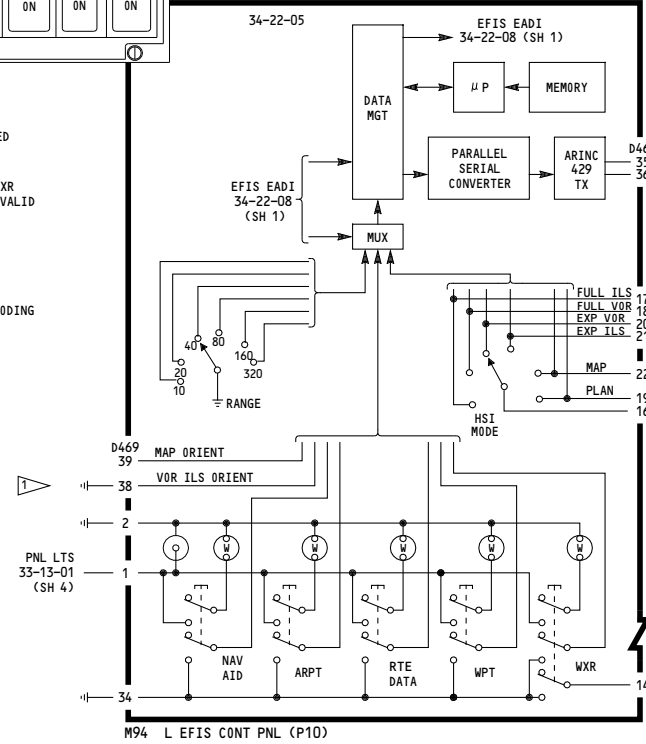
34-22-07

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- NOTES:
- 1 OPEN-TRACK ORIENTED
GND-HDG ORIENTED
 - 2 ILS FORMAT (WITH WXR
IF VALID) WHEN NO VALID
DATA FROM CONT PNL
 - 3 FOR PROGRAM PIN
CONNECTIONS
SEE TABLE 2 (SH 4)
 - 4 FOR VIDEO OUTPUT CODING
SEE TABLE 1 (SH 2)



280

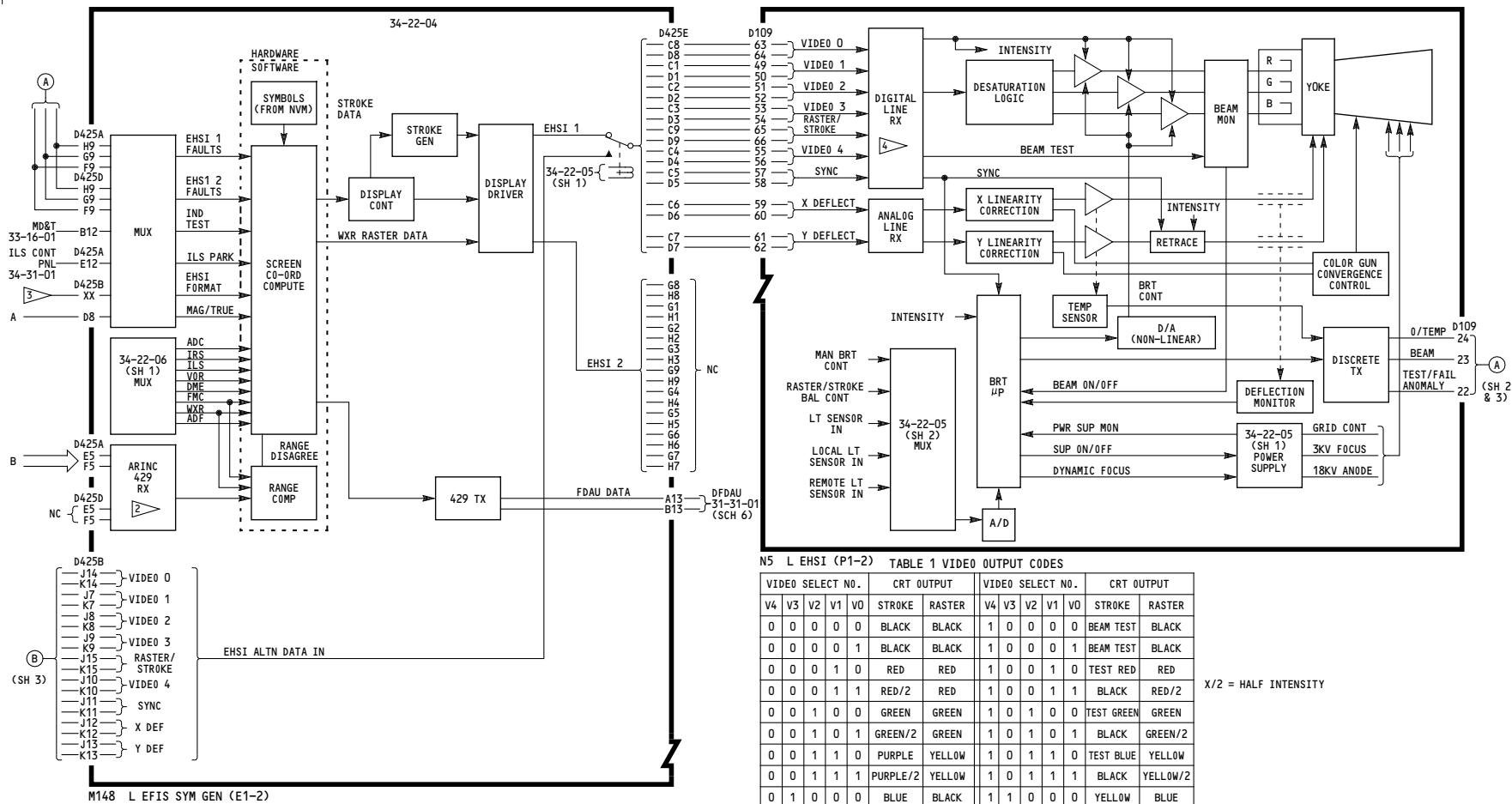
**EFIS ELECTRONIC
HORIZONTAL SITUATION
INDICATOR**

D280T232

Incorporates
MTO 340537 R01

34-22-07

613



M148 L EFIS SYM GEN (E1-2)

L EHSI

280

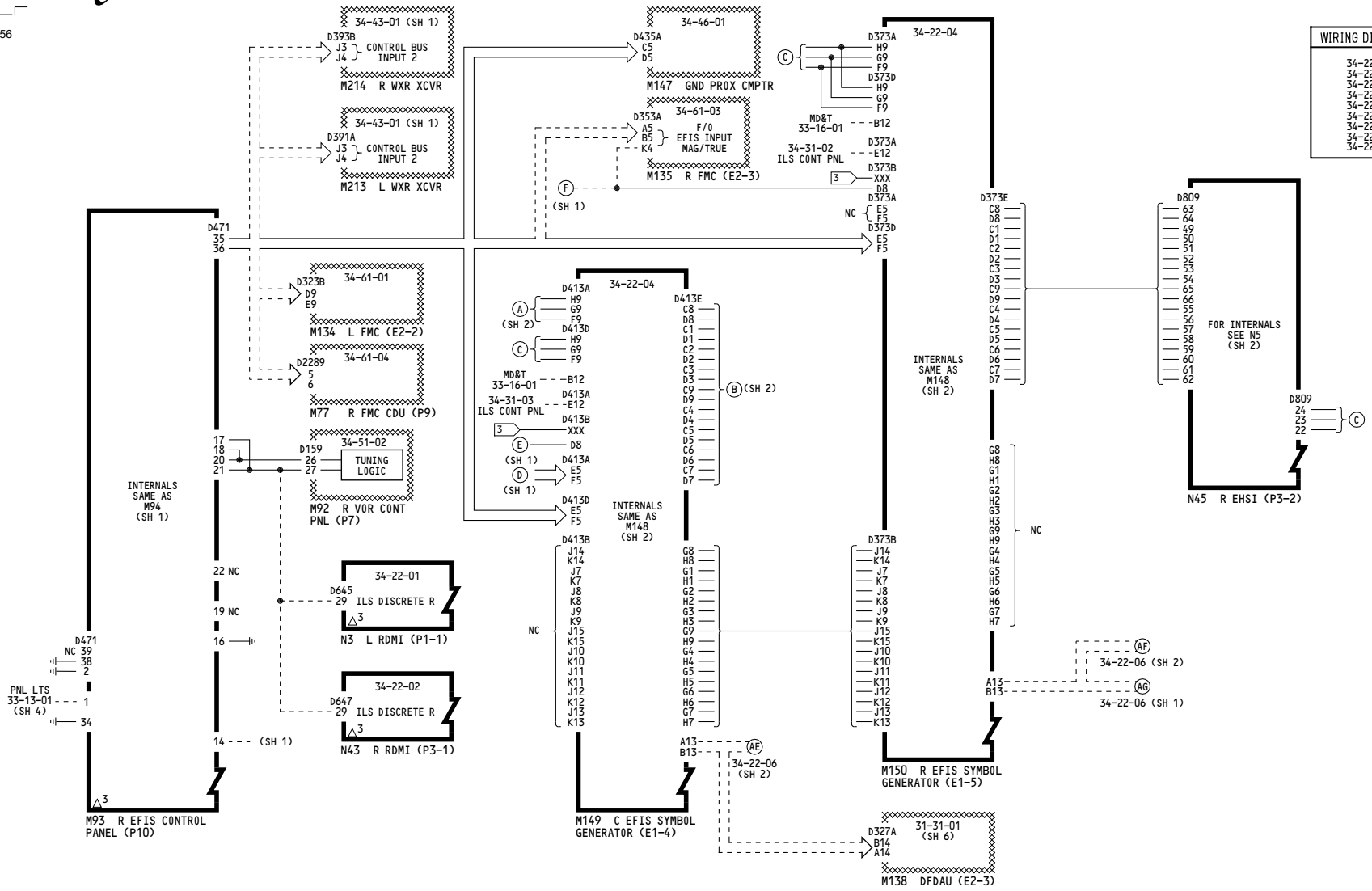
**EFIS ELECTRONIC
HORIZONTAL SITUATION
INDICATOR**

D280T232

34-22-07

756

WIRING DIAGRAMS	
34-22-14	
34-22-15	
34-22-16	
34-22-24	
34-22-25	
34-22-26	
34-22-28	
34-22-34	
34-22-36	



280

**EFIS ELECTRONIC
HORIZONTAL SITUATION
INDICATOR**

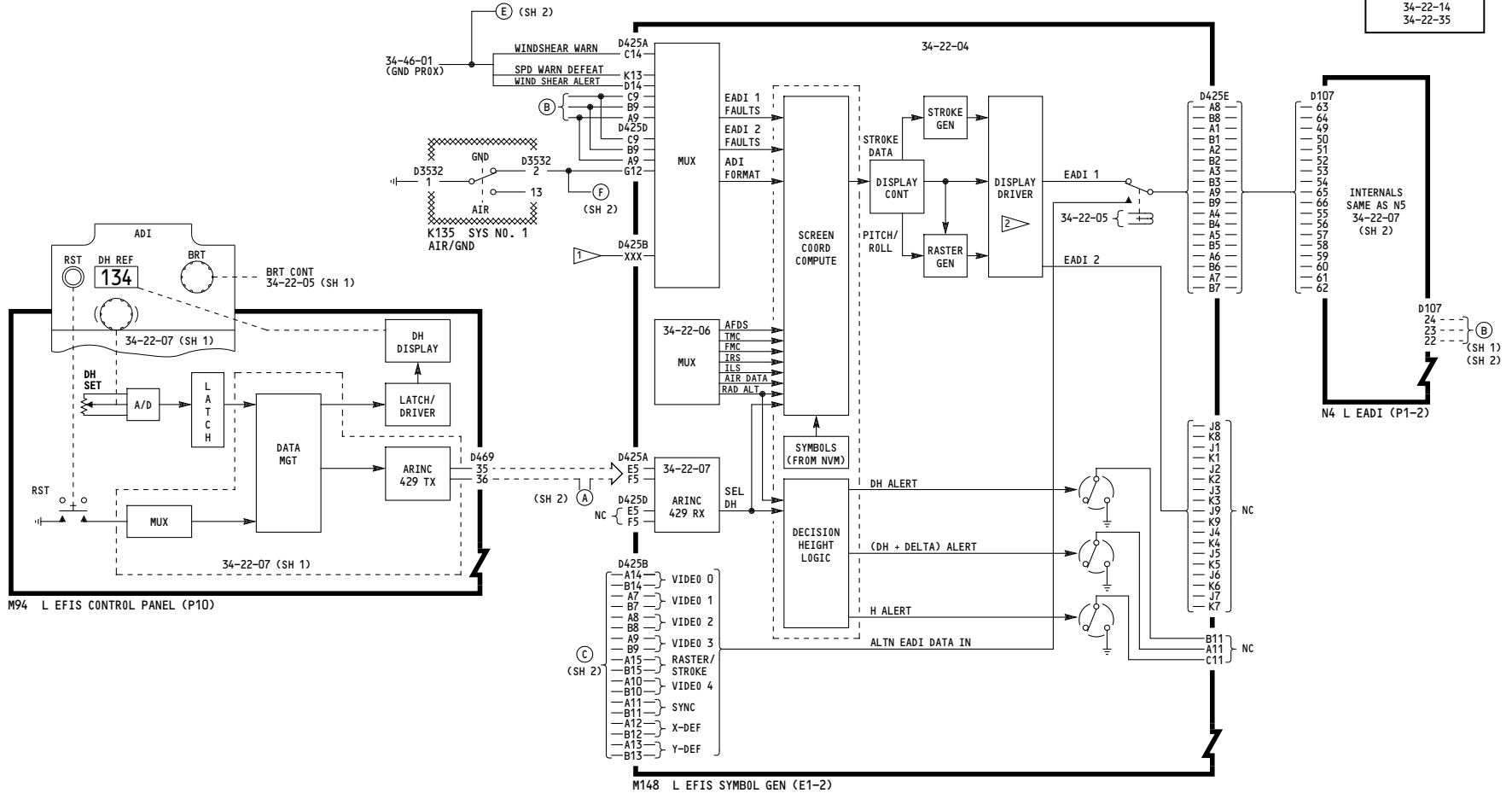
D280T232

Incorporates
MTO-340961

34-22-07

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WIRING DIAGRAMS
34-22-14
34-22-35



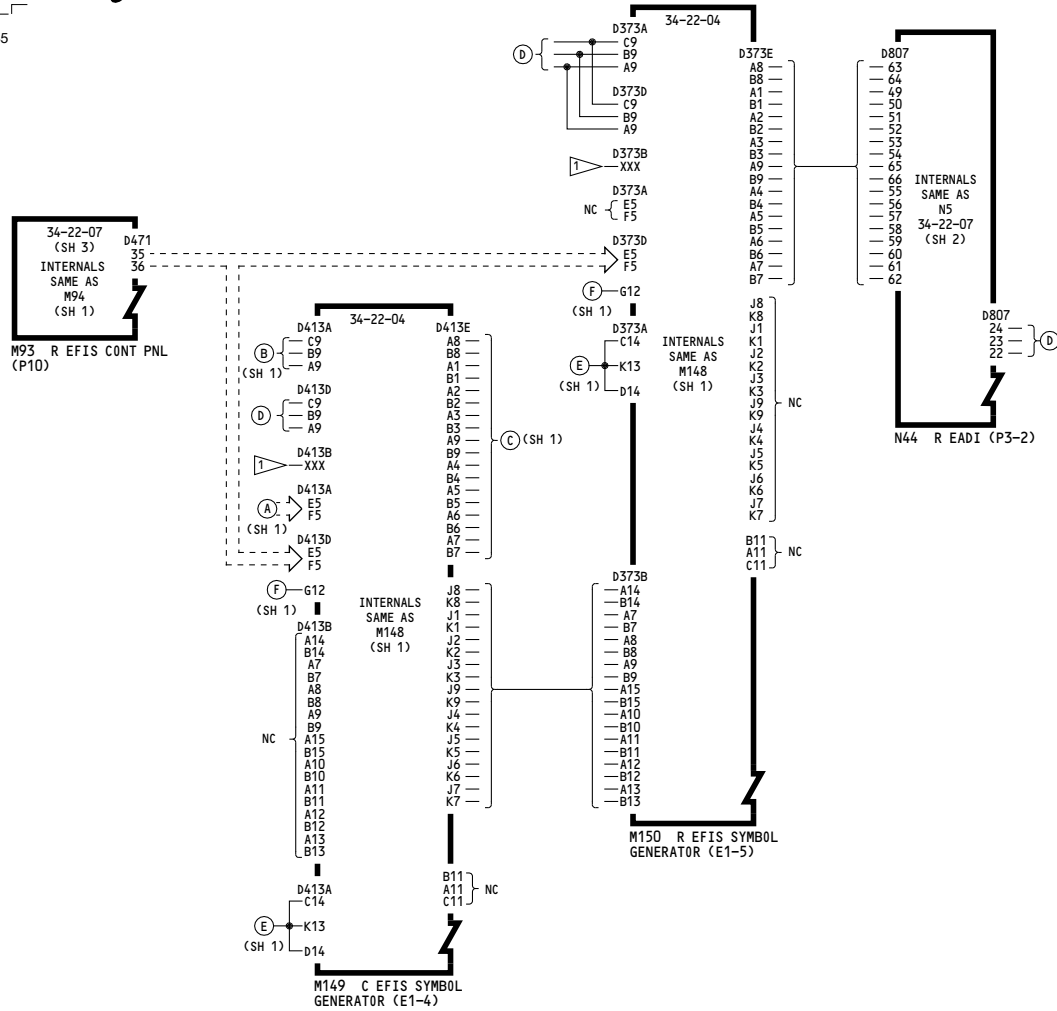
- NOTES:
- 1 FOR PROGRAM PIN CONNECTIONS
SEE TABLE 1 (SHEET 2)
 - 2 FOR VIDEO OUTPUT CODING
SEE TABLE 1, 34-22-07 (SH 2)

L EADI

050-099, 162-165, 275-276	EFIS ELECTRONIC ATTITUDE DIRECTOR INDICATOR
D280T232	

34-22-08

645



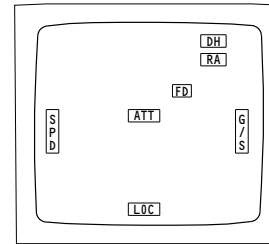
WIRING DIAGRAMS

- 34-22-14
- 34-22-16
- 34-22-24
- 34-22-26
- 34-22-34
- 34-22-35
- 34-22-36

EADI
TABLE I - PROGRAM PINS

RESULTING PROGRAM INPUT	CONN-ECTOR	PIN	L D425	C D413	R D373
FD DSPLY SEL 1	B	E11	1	1	1
FD DSPLY SEL 2	B	F11	1	1	1
H ALERT SEL 1	B	F9	0	0	0
H ALERT SEL 2	B	G9	0	0	0
RA DSPLY SEL 1	B	D10	0	0	0
RA DSPLY SEL 2	B	E10	0	0	0
PITCH LIM IND	B	D11	0	0	0
ILS DEV WARN	B	E8	1	1	1
SPEED TAPE	B	D5	0	0	0
EADI FORMAT	B	F6	0	0	0
F/S DURING G/A	D	D12	0	0	0
ATT. COMP	B	J5	0	0	0
SPEED TAPE REV.	D	K13	1	1	1
SPEED TAPE TREND VECTOR	B	J3	1	1	1

0 = PIN GROUNDED, 1 = PIN NOT CONNECTED



EADI FAILURE FLAG LOCATION

C & R EADI

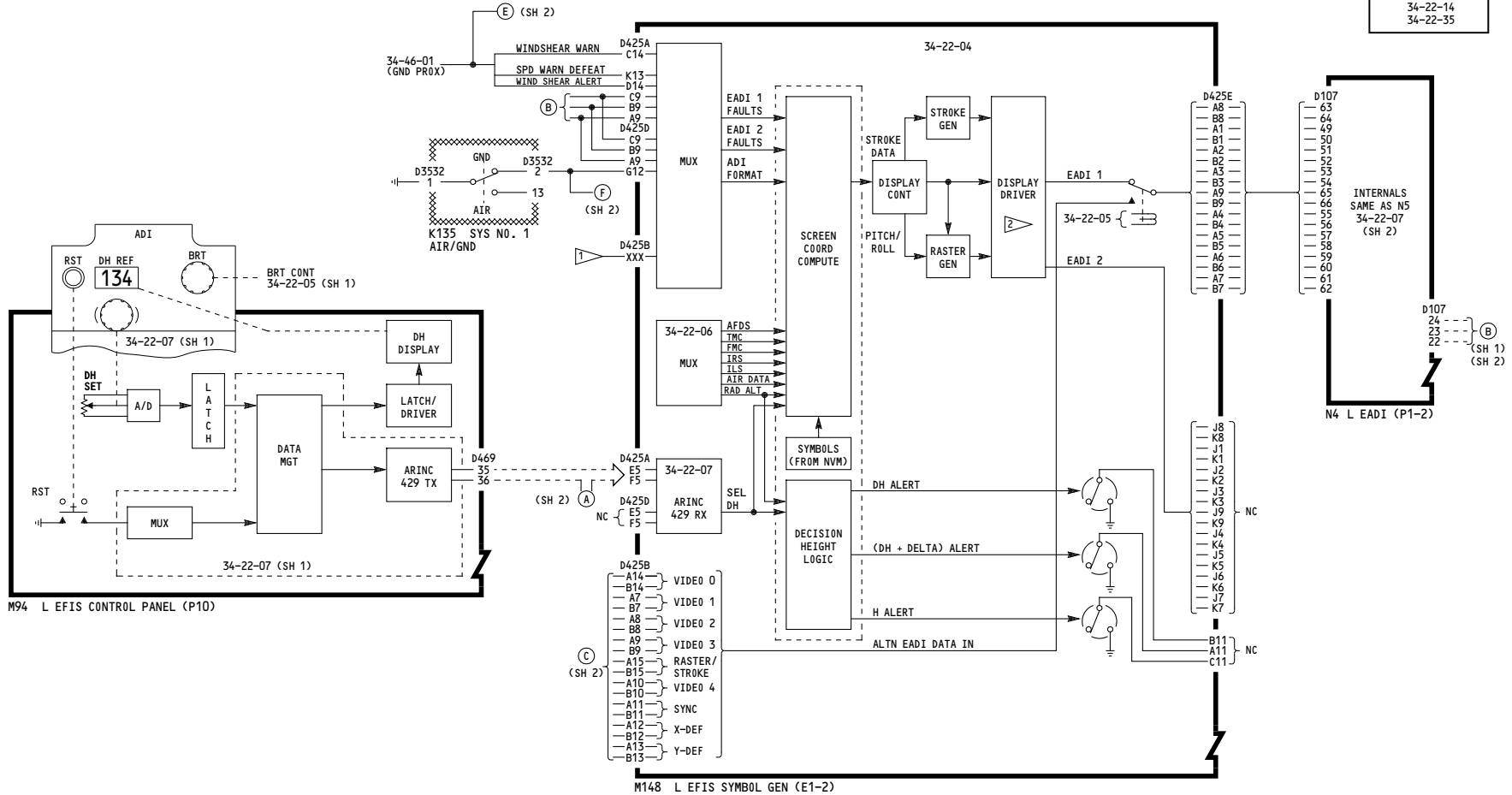
050-099, 162-165, 275-276

EFIS ELECTRONIC ATTITUDE DIRECTOR INDICATOR

D280T232

34-22-08

WIRING DIAGRAMS
34-22-14
34-22-35



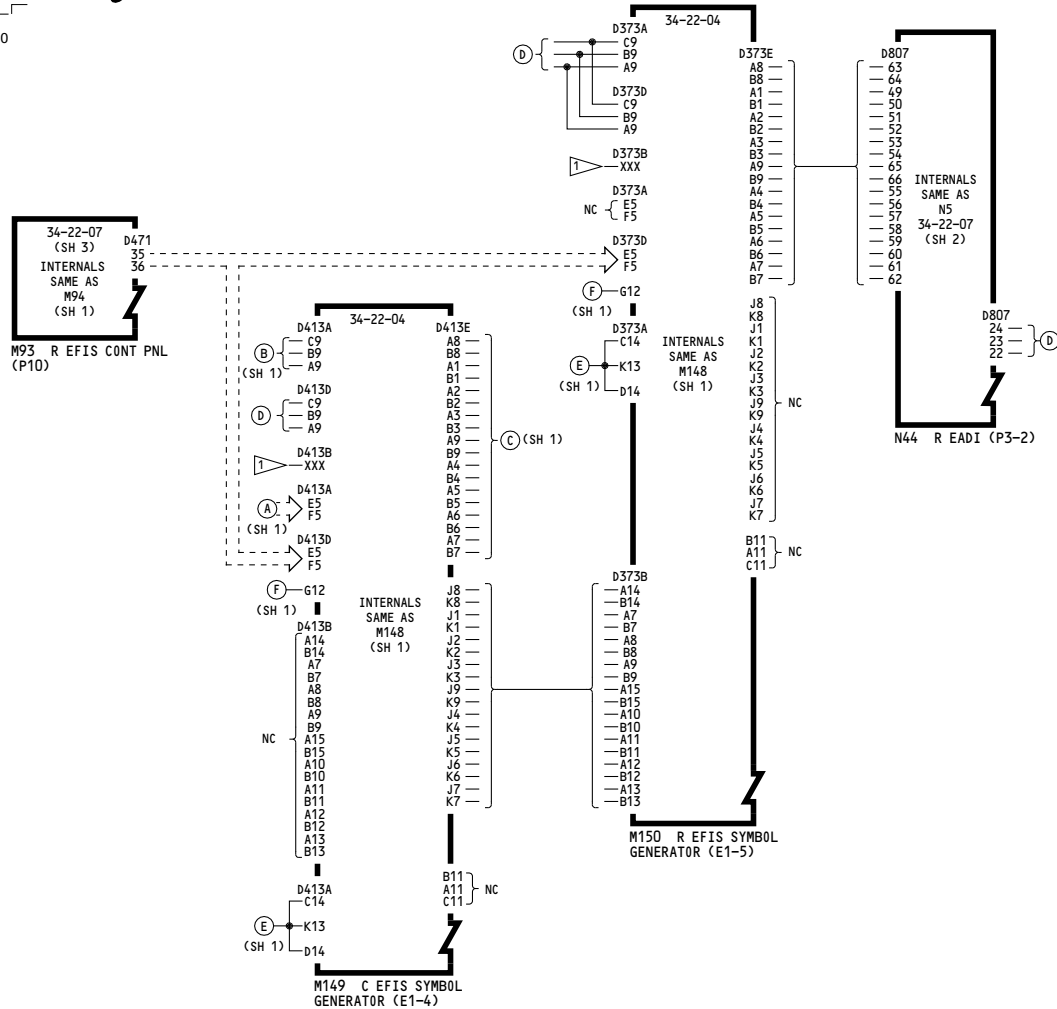
- NOTES:
- 1 FOR PROGRAM PIN CONNECTIONS SEE TABLE 1 (SHEET 2)
 - 2 FOR VIDEO OUTPUT CODING SEE TABLE 1, 34-22-07 (SH 2)

L EADI

150-157, 166-199, 277-278	EFIS ELECTRONIC ATTITUDE DIRECTOR INDICATOR
D280T232	

34-22-08

670



WIRING DIAGRAMS					
34-22-14					
34-22-16					
34-22-24					
34-22-26					
34-22-34					
34-22-35					
34-22-36					

EADI
TABLE I - PROGRAM PINS

RESULTING PROGRAM INPUT	CONN-ECTOR	PIN	L D425	C D413	R D373
FD DSPLY SEL 1	B	E11	1	1	1
FD DSPLY SEL 2	B	F11	1	1	1
H ALERT SEL 1	B	F9	0	0	0
H ALERT SEL 2	B	G9	0	0	0
RA DSPLY SEL 1	B	D10	0	0	0
RA DSPLY SEL 2	B	E10	0	0	0
PITCH LIM IND	B	D11	0	0	0
ILS DEV WARN	B	E8	1	1	1
SPEED TAPE	B	D5	0	0	0
EADI FORMAT	B	F6	0	0	0
F/S DURING G/A	D	D12	0	0	0
ATT. COMP	B	J5	0	0	0
SPEED TAPE REV.	D	K13	1	1	1
SPEED TAPE TREND VECTOR	B	J3	1	1	1
NEW TREND FILTER	B	K4	0	0	0

0 = PIN GROUNDED, 1 = PIN NOT CONNECTED

150-157, 166-199, 277-278

EFIS ELECTRONIC ATTITUDE DIRECTOR INDICATOR

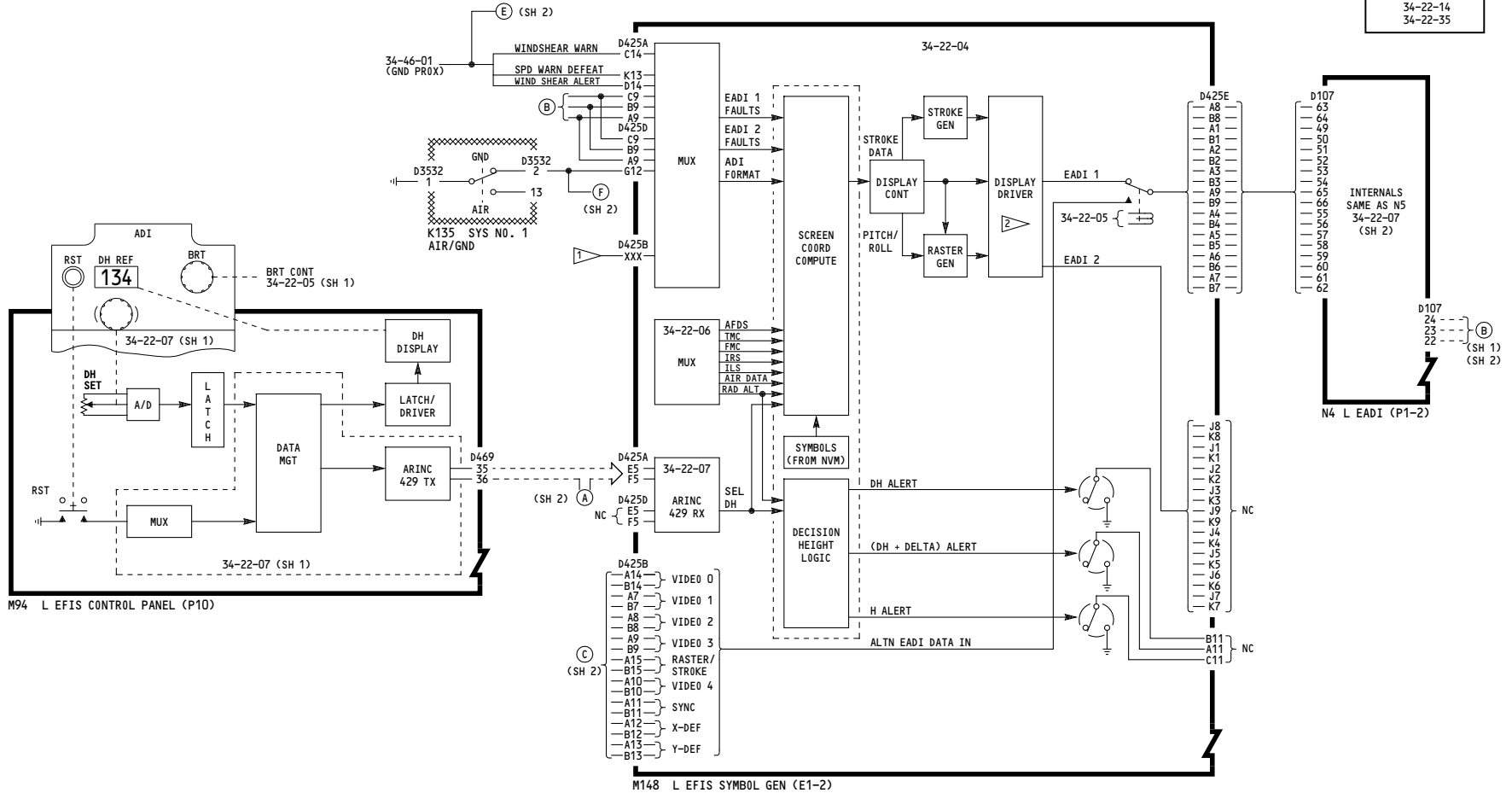
D280T232

34-22-08

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Sheet 2
Jan 21/2005

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WIRING DIAGRAMS
34-22-14
34-22-35



NOTES:

- 1 FOR PROGRAM PIN CONNECTIONS
SEE TABLE 1 (SHEET 2)
- 2 FOR VIDEO OUTPUT CODING
SEE TABLE 1, 34-22-07 (SH 2)

L EADI

280-299

**EFIS ELECTRONIC ATTITUDE
DIRECTOR INDICATOR**

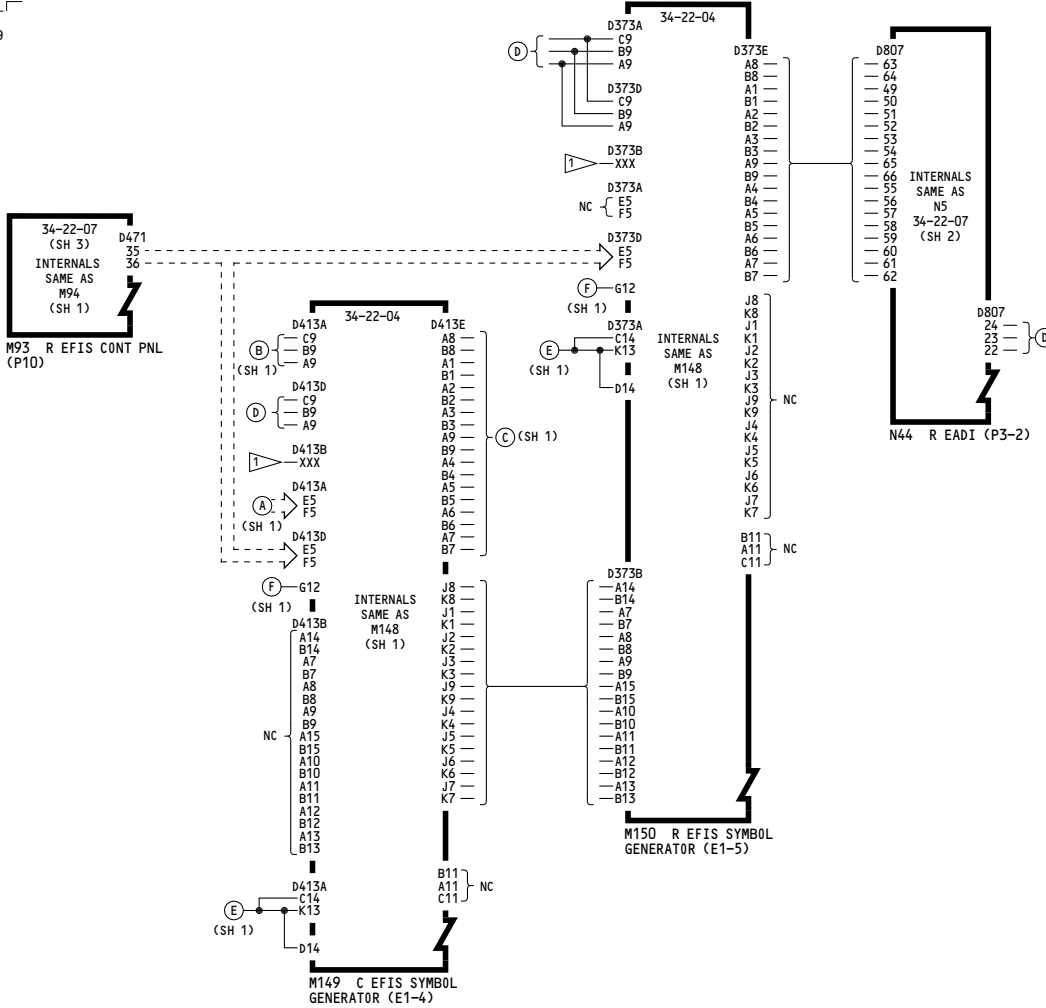
D280T232

34-22-08

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WIRING DIAGRAMS

34-22-14
34-22-16
34-22-24
34-22-26
34-22-34
34-22-35
34-22-36



EADI
TABLE I - PROGRAM PINS

RESULTING PROGRAM INPUT	CONNECTOR	PIN	L D425	C D413	R D373
FD DSPLY SEL 1	B	E11	1	1	1
FD DSPLY SEL 2	B	F11	1	1	1
H ALERT SEL 1	B	F9	0	0	0
H ALERT SEL 2	B	G9	0	0	0
RA DSPLY SEL 1	B	D10	0	0	0
RA DSPLY SEL 2	B	E10	0	0	0
PITCH LIM IND	B	D11	0	0	0
ILS DEV WARN	B	E8	1	1	1
SPEED TAPE	B	D5	0	0	0
EADI FORMAT	B	F6	0	0	0
F/S DURING G/A	D	D12	0	0	0
SPEED TAPE REV.	D	K13	1	1	1
SPEED TAPE TREND VECTOR	B	J3	1	1	1
EADI COMPARATOR	B	J5	0	0	0
WIND BEARING	B	B4	0	0	0
RANGE ARCS	B	H6	1	1	1
WXR MODE/GAIN/TILT	B	G6	0	0	0
DUAL ADF	B	D12	0	0	0
NON-ROLLING DIGIT CURSOR	D	C14	1	1	1
NEW TREND FILTER	B	K4	0	0	0
EHSI SYMBOLOLOGY	A	A13	1	1	1
WXR TURB COLOR	B	E6	1	1	1

0 = PIN GROUNDED, 1 = PIN NOT CONNECTED

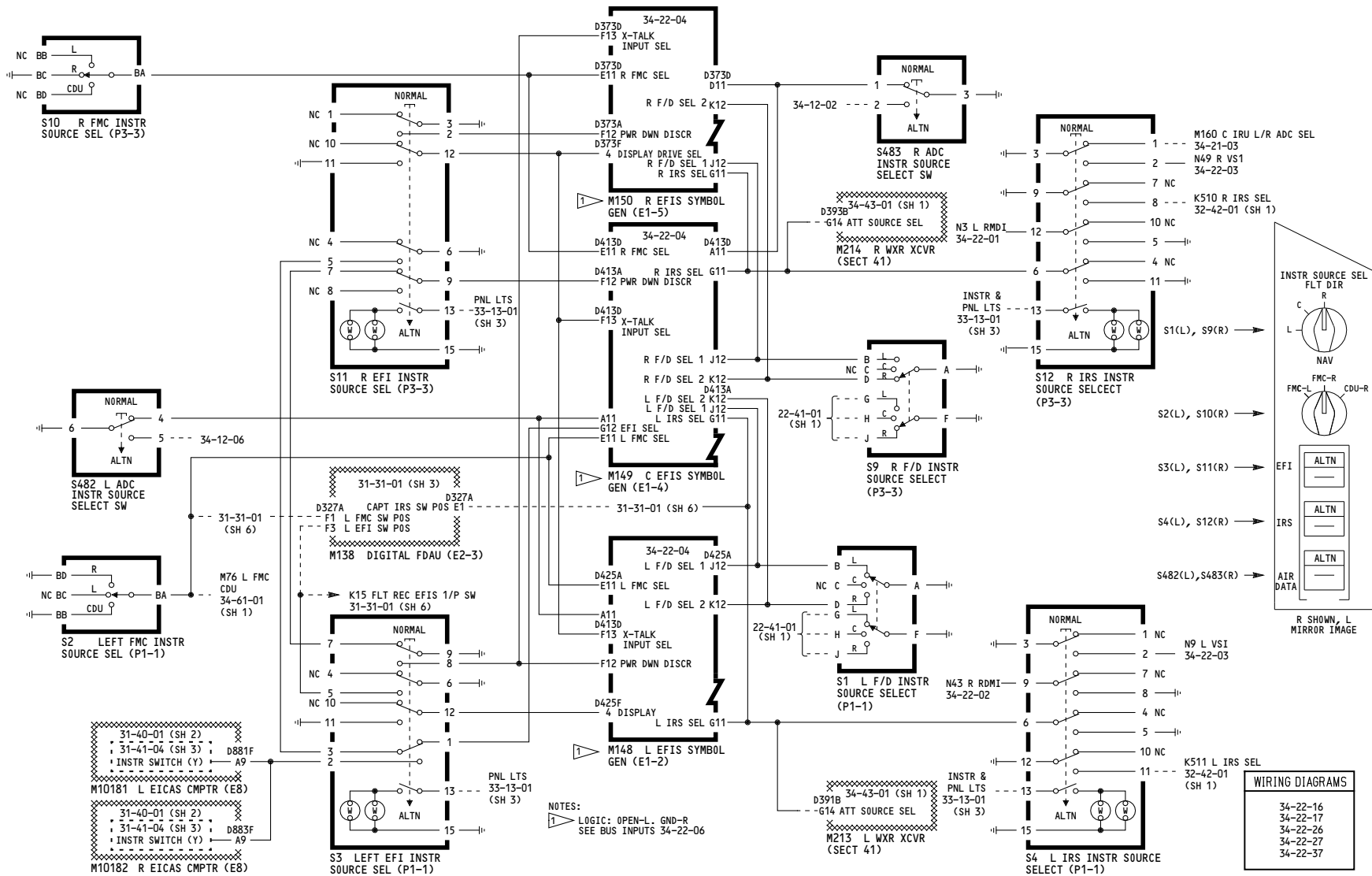
R EADI AND PROGRAM PINS

280-299

EFIS ELECTRONIC ATTITUDE DIRECTOR INDICATOR

D280T232

628



050, 150-154, 162-199, 275-276

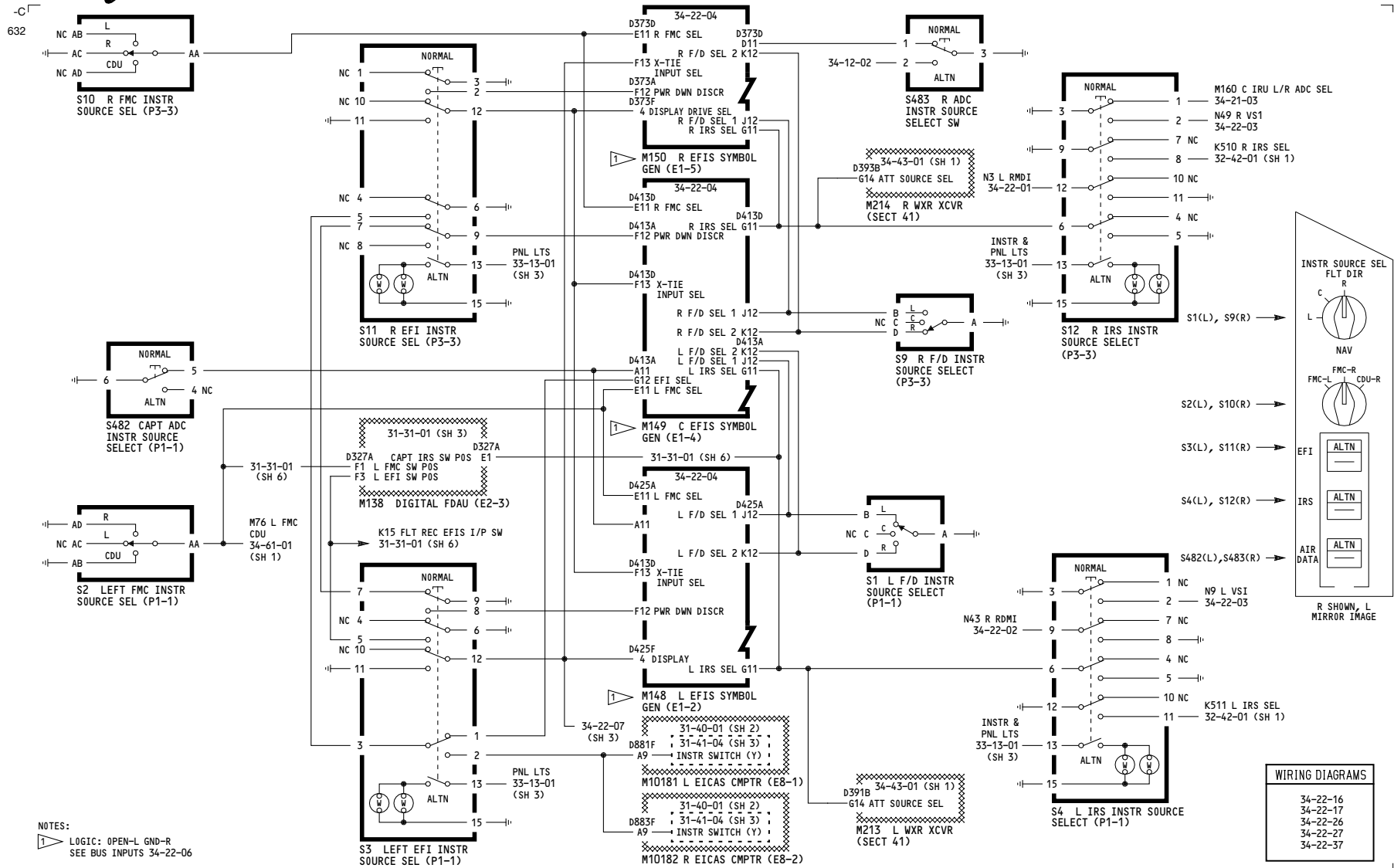
FLIGHT INSTRUMENTS SWITCHING AND MONITOR

D280T232

34-22-09

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Jan 21/2005



051-099, 155-157, 277-299

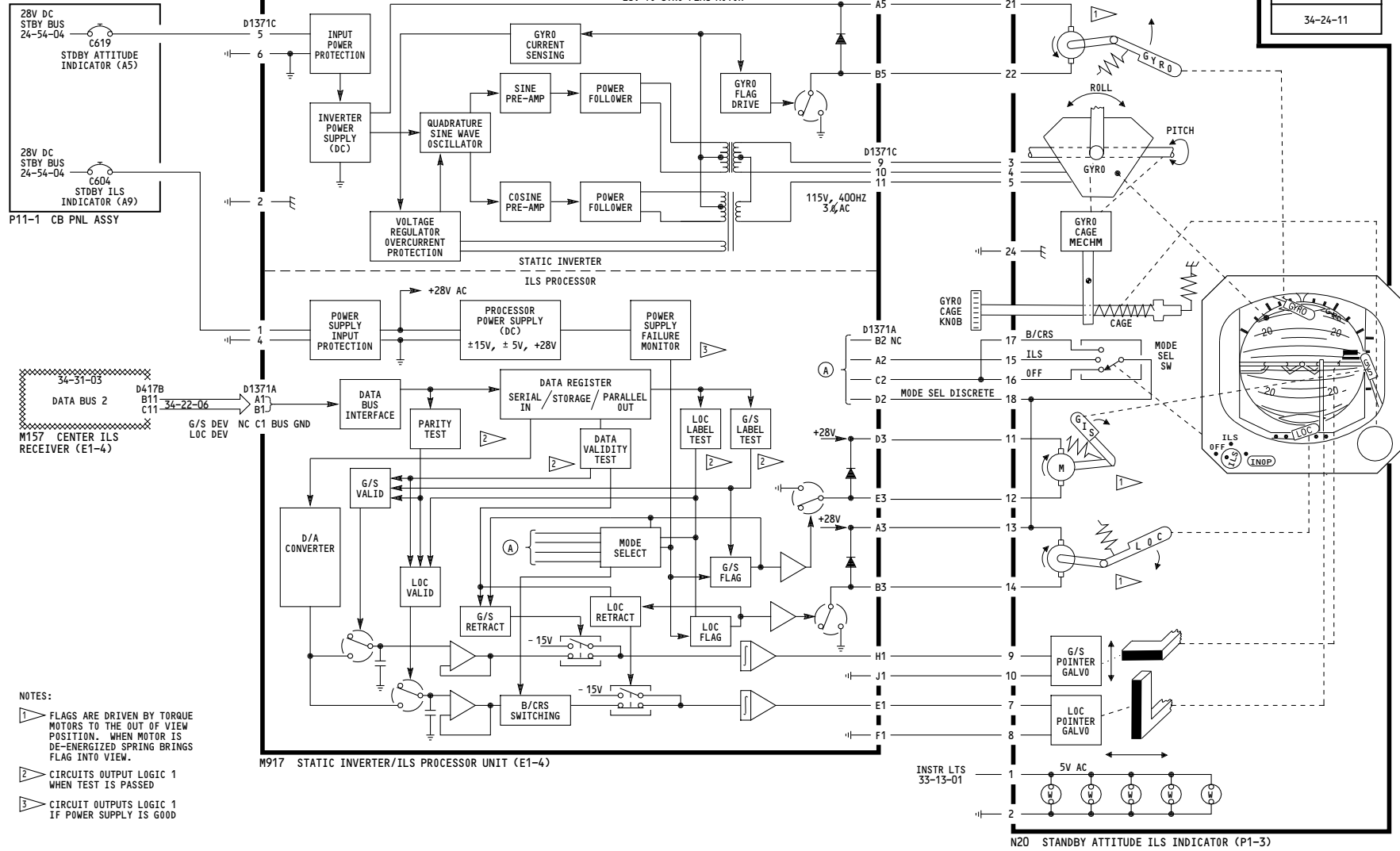
FLIGHT INSTRUMENTS SWITCHING AND MONITOR

D280T232

WIRING DIAGRAMS	
34-22-16	
34-22-17	
34-22-26	
34-22-27	
34-22-37	

34-22-09

-A
607



WIRING DIAGRAMS
34-24-11

- NOTES:
- 1 FLAGS ARE DRIVEN BY TORQUE MOTORS TO THE OUT OF VIEW POSITION. WHEN MOTOR IS DE-ENERGIZED SPRING BRINGS FLAG INTO VIEW.
 - 2 CIRCUITS OUTPUT LOGIC 1 WHEN TEST IS PASSED
 - 3 CIRCUIT OUTPUTS LOGIC 1 IF POWER SUPPLY IS GOOD

050-099

STANDBY ATTITUDE INSTRUMENT LANDING SYSTEM INDICATOR

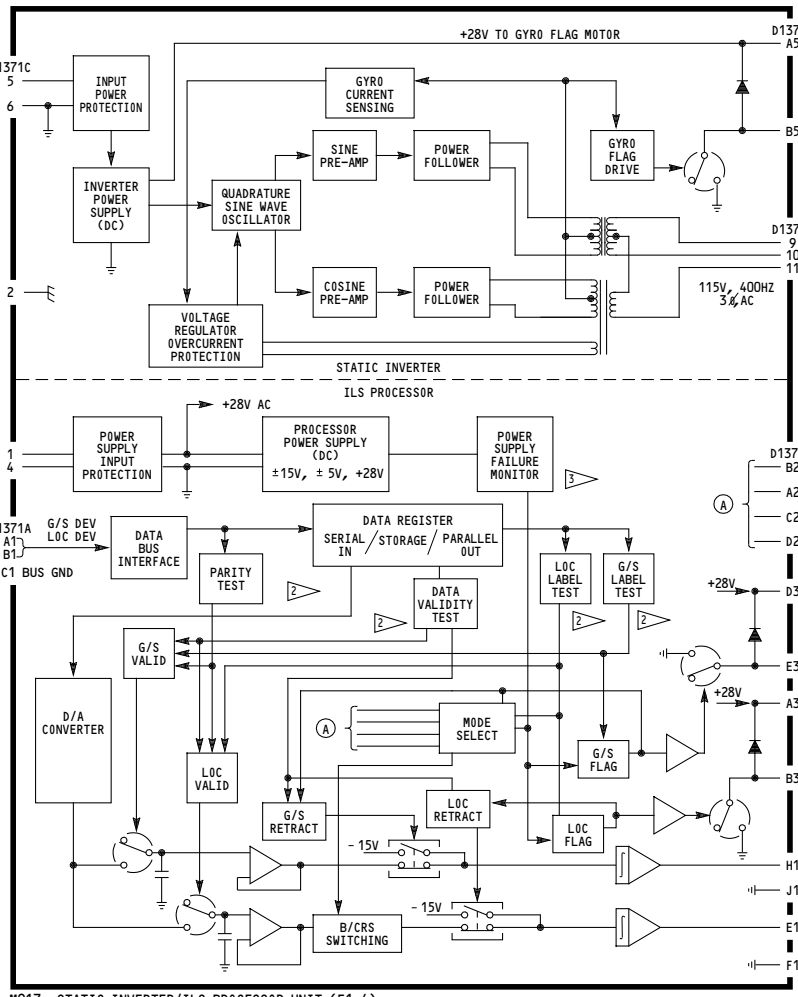
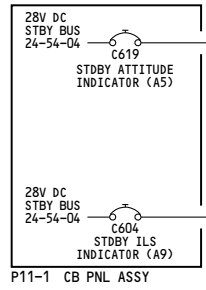
D280T232

34-24-01

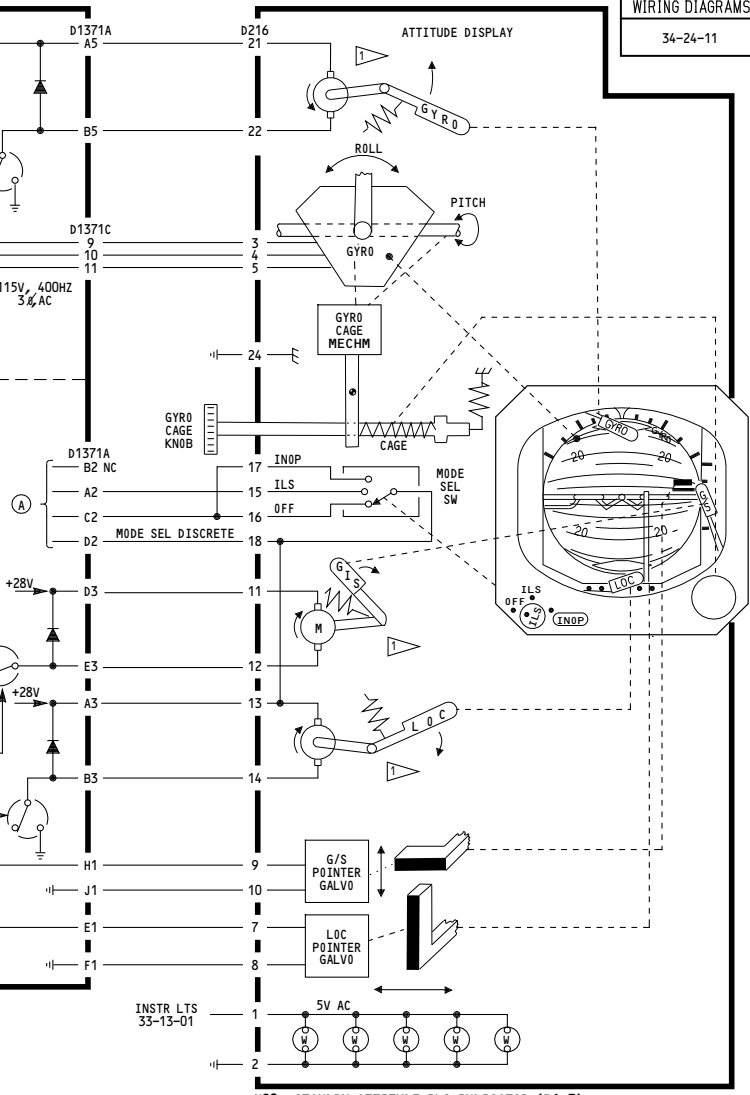
Page 101

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- NOTES:
- 1 FLAGS ARE DRIVEN BY TORQUE MOTORS TO THE OUT OF VIEW POSITION. WHEN MOTOR IS DE-ENERGIZED SPRING BRINGS FLAG INTO VIEW.
 - 2 CIRCUITS OUTPUT LOGIC 1 WHEN TEST IS PASSED
 - 3 CIRCUIT OUTPUTS LOGIC 1 IF POWER SUPPLY IS GOOD



150-152

STANDBY ATTITUDE INSTRUMENT LANDING SYSTEM INDICATOR

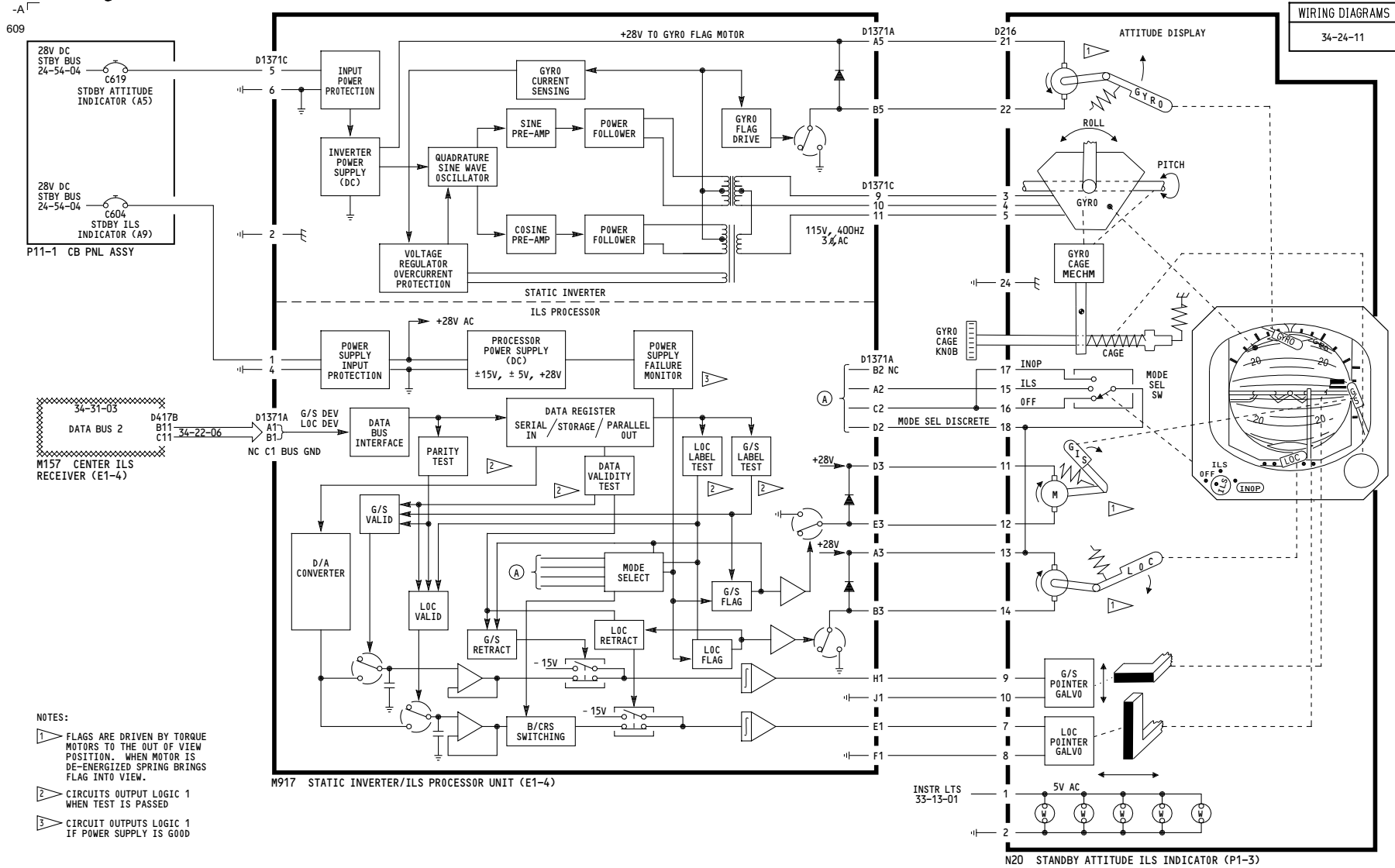
D280T232

Incorporates
34-0086
MTO 340796/797/798

34-24-01

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153-167

STANDBY ATTITUDE INSTRUMENT LANDING SYSTEM INDICATOR

Incorporates
MTO 340796/797/798

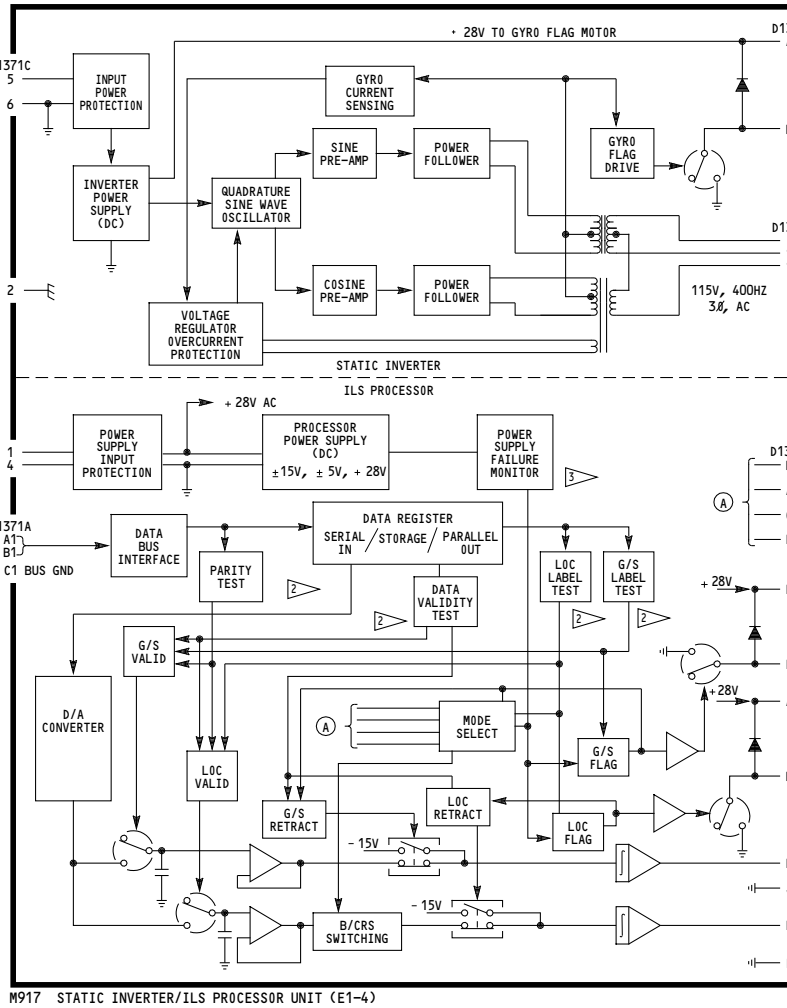
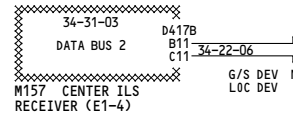
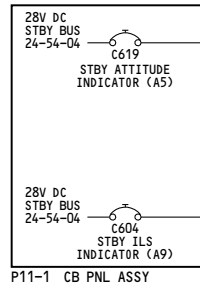
D280T232

34-24-01

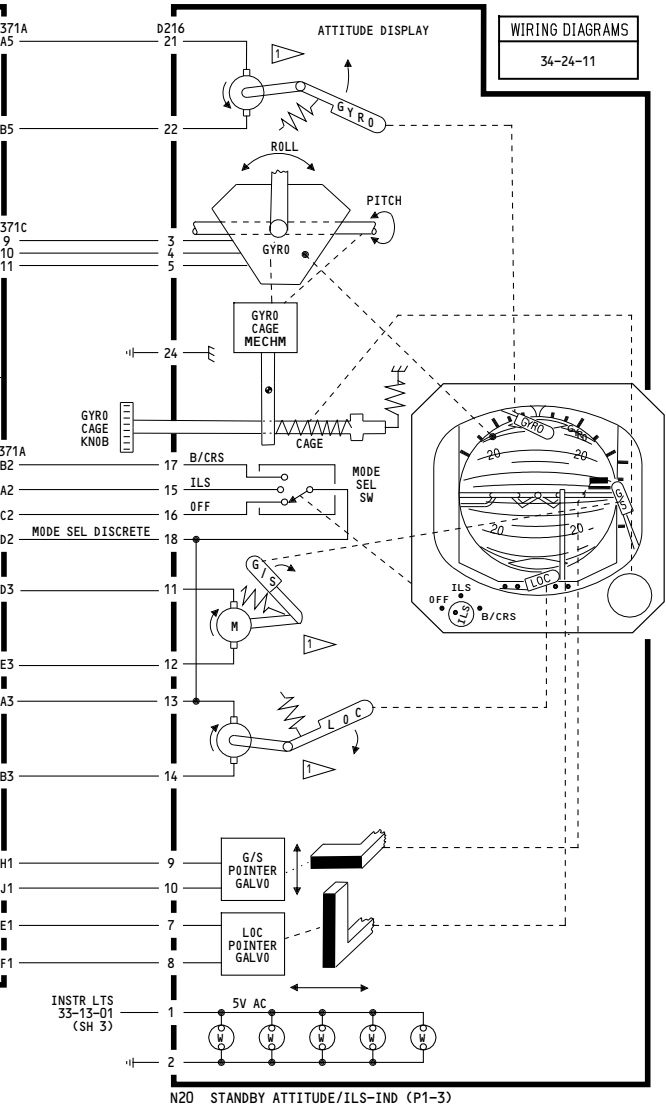
Page 103A

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605



- NOTES:
- 1 FLAGS ARE DRIVEN BY TORQUE MOTORS TO THE OUT OF VIEW POSITION. WHEN MOTOR IS DE-ENERGIZED SPRING BRINGS FLAG INTO VIEW.
 - 2 CIRCUITS OUTPUT LOGIC 1 WHEN TEST IS PASSED
 - 3 CIRCUIT OUTPUTS LOGIC 1 IF POWER SUPPLY IS GOOD



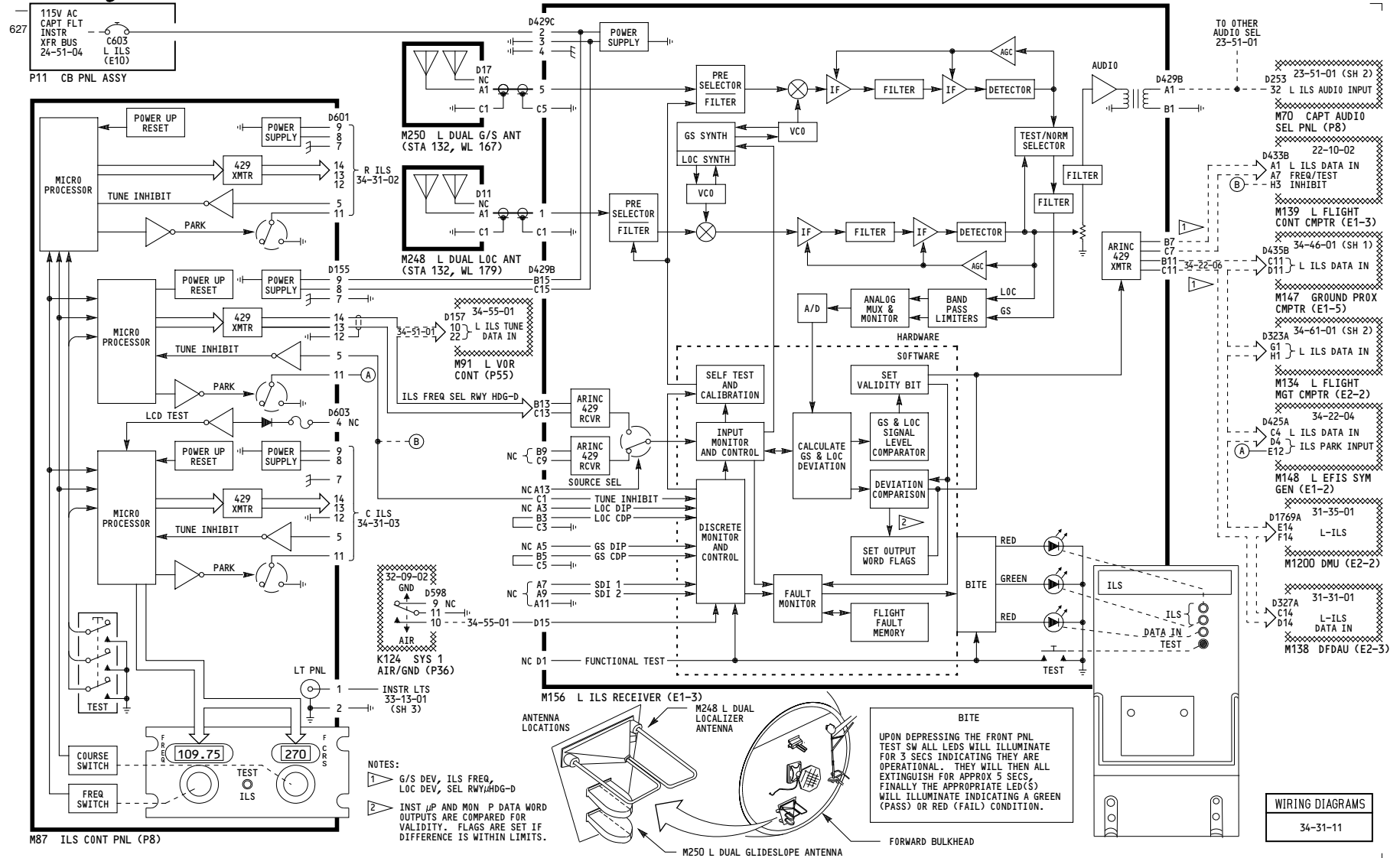
275-280

STANDBY ATTITUDE INSTRUMENT LANDING SYSTEM INDICATOR

D280T232

Incorporates MTO 340796/797/798

34-24-01



M87 ILS CONT PNL (P8)

ALL

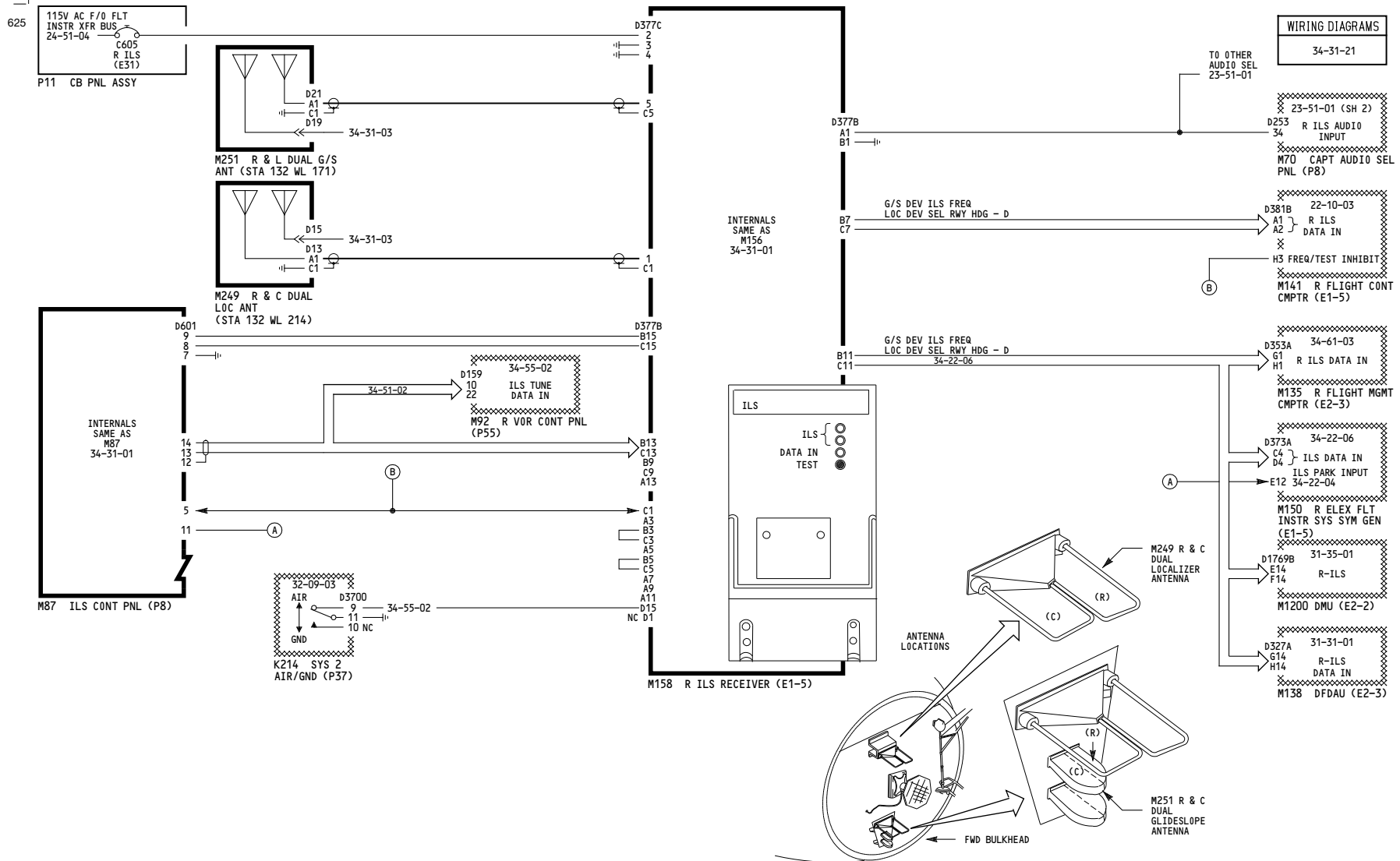
INSTRUMENT LANDING SYSTEM LEFT

D280T232

34-31-01

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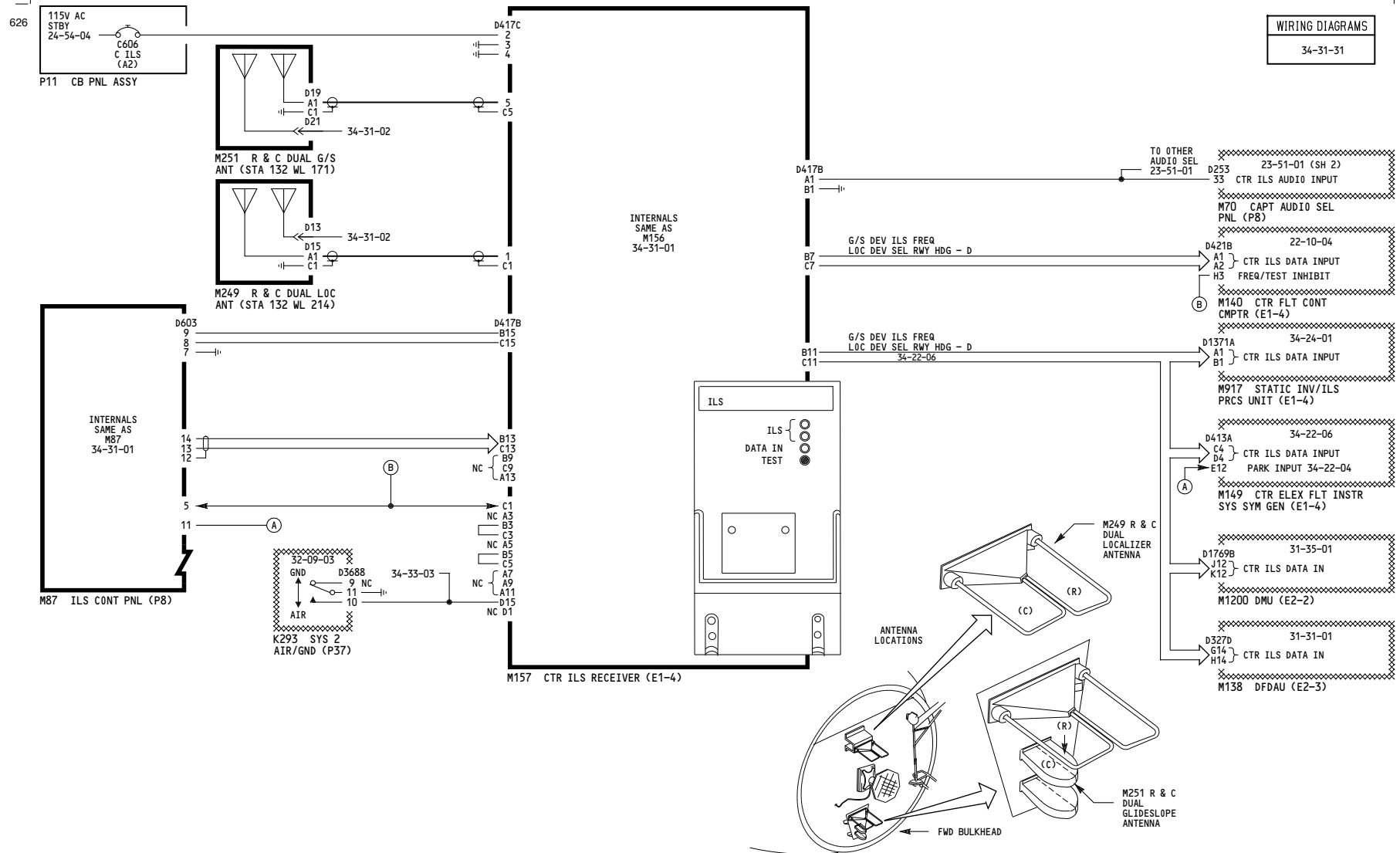
ALL	INSTRUMENT LANDING SYSTEM RIGHT
	D280T232

34-31-02

Page 101

Jan 21/2005

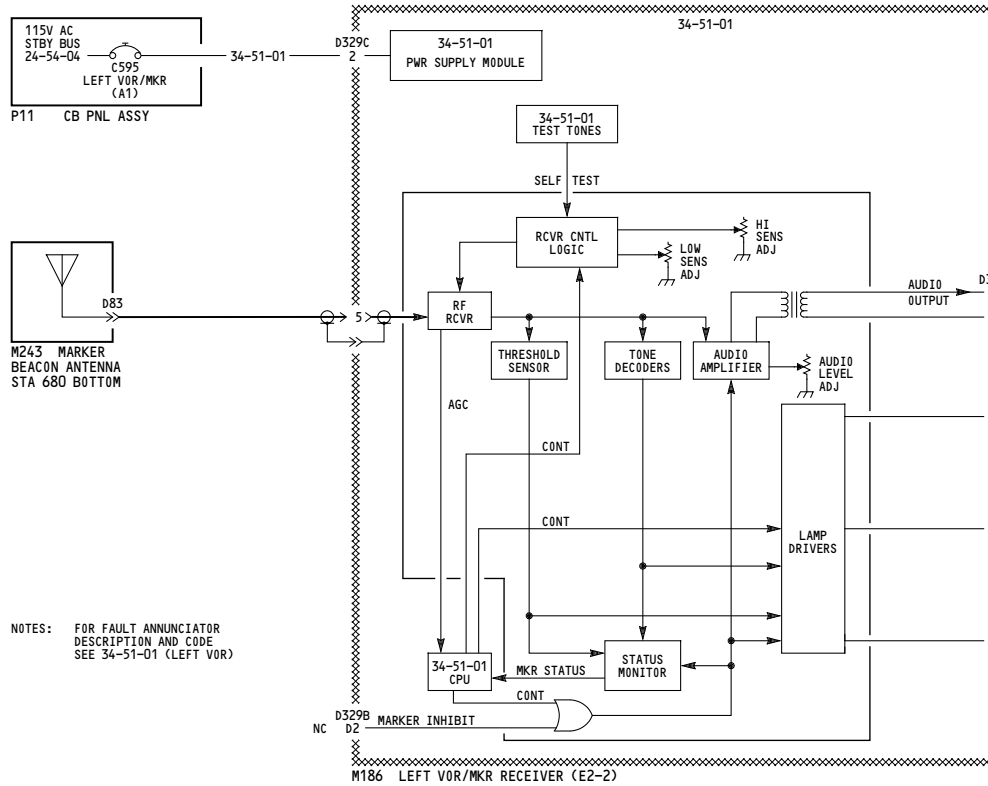
WIRING DIAGRAMS
34-31-31



ALL	<p>INSTRUMENT LANDING SYSTEM CENTER</p> <p>D280T232</p>
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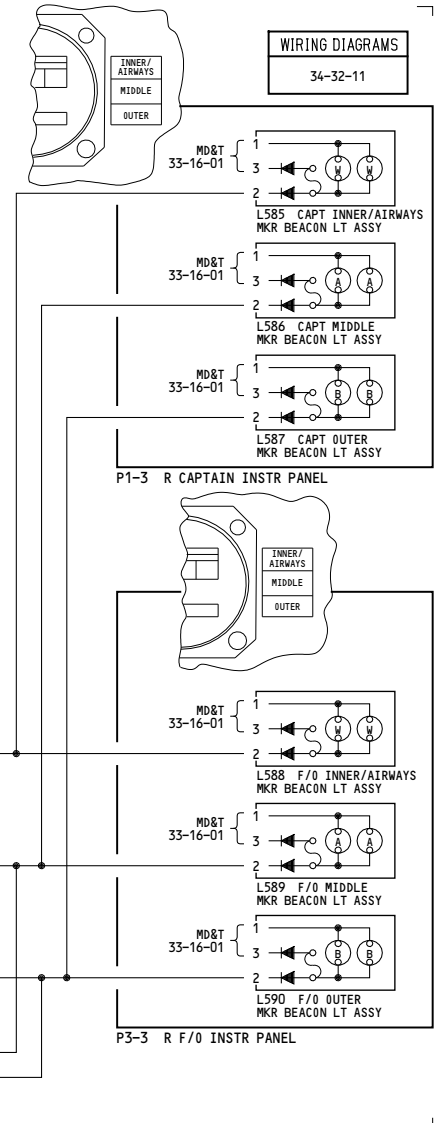
34-31-03

620



NOTES: FOR FAULT ANNUNCIATOR DESCRIPTION AND CODE SEE 34-51-01 (LEFT VOR)

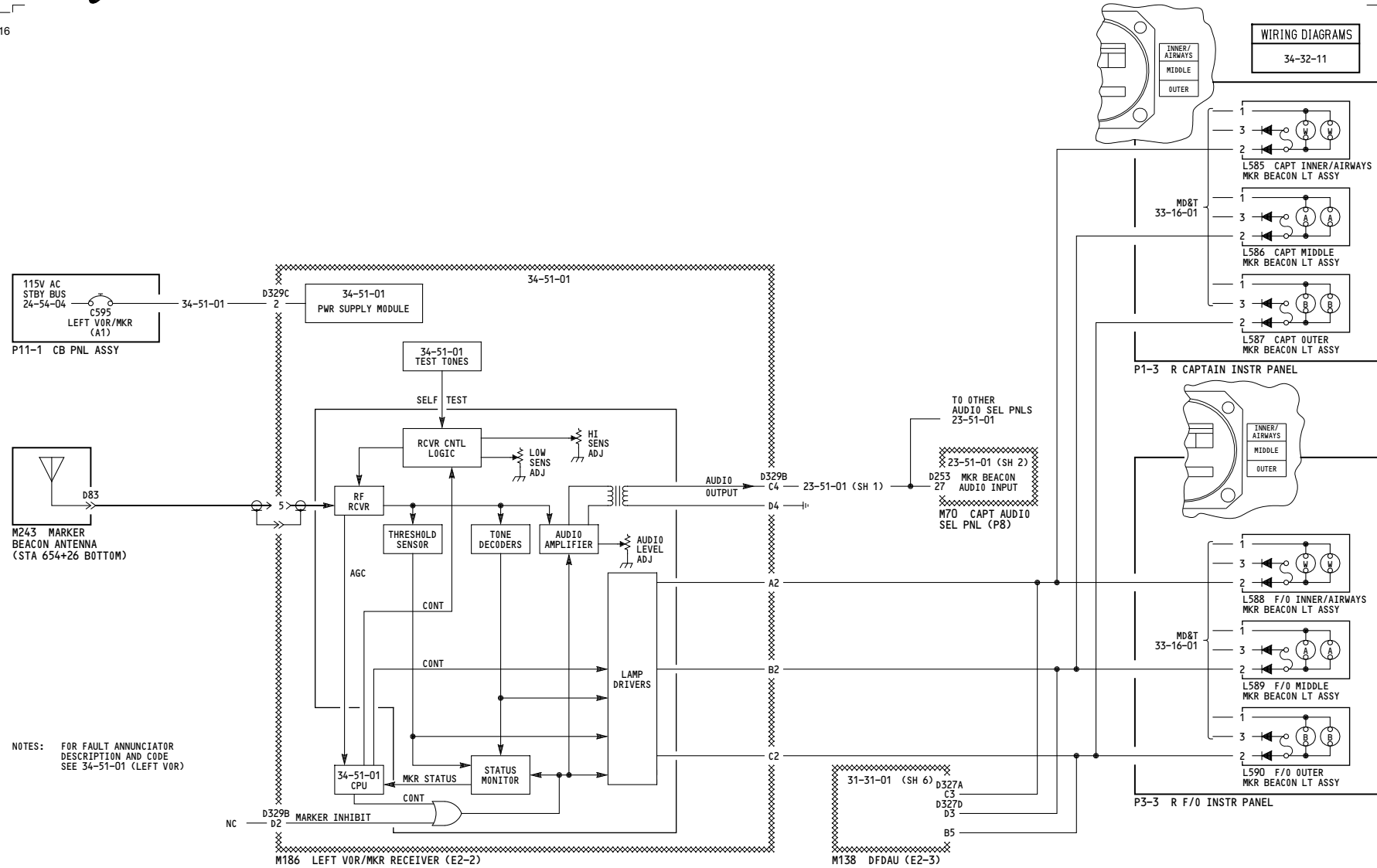
050-099	<p align="center">MARKER BEACON</p> <p align="center">D280T232</p>
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WIRING DIAGRAMS
34-32-11

34-32-01

616



NOTES: FOR FAULT ANNUNCIATOR DESCRIPTION AND CODE SEE 34-51-01 (LEFT VOR)

150-199, 275-299

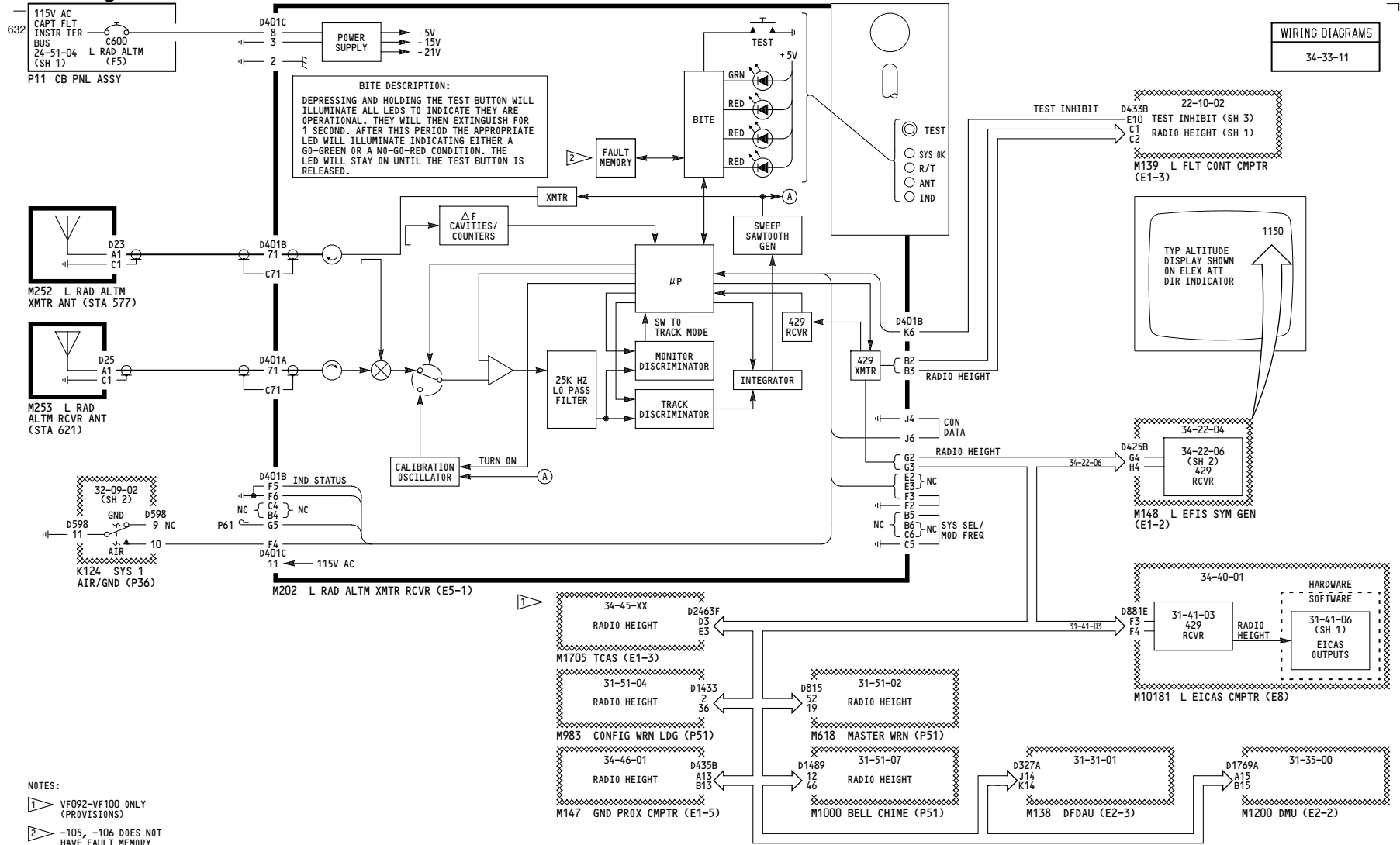
MARKER BEACON

D280T232

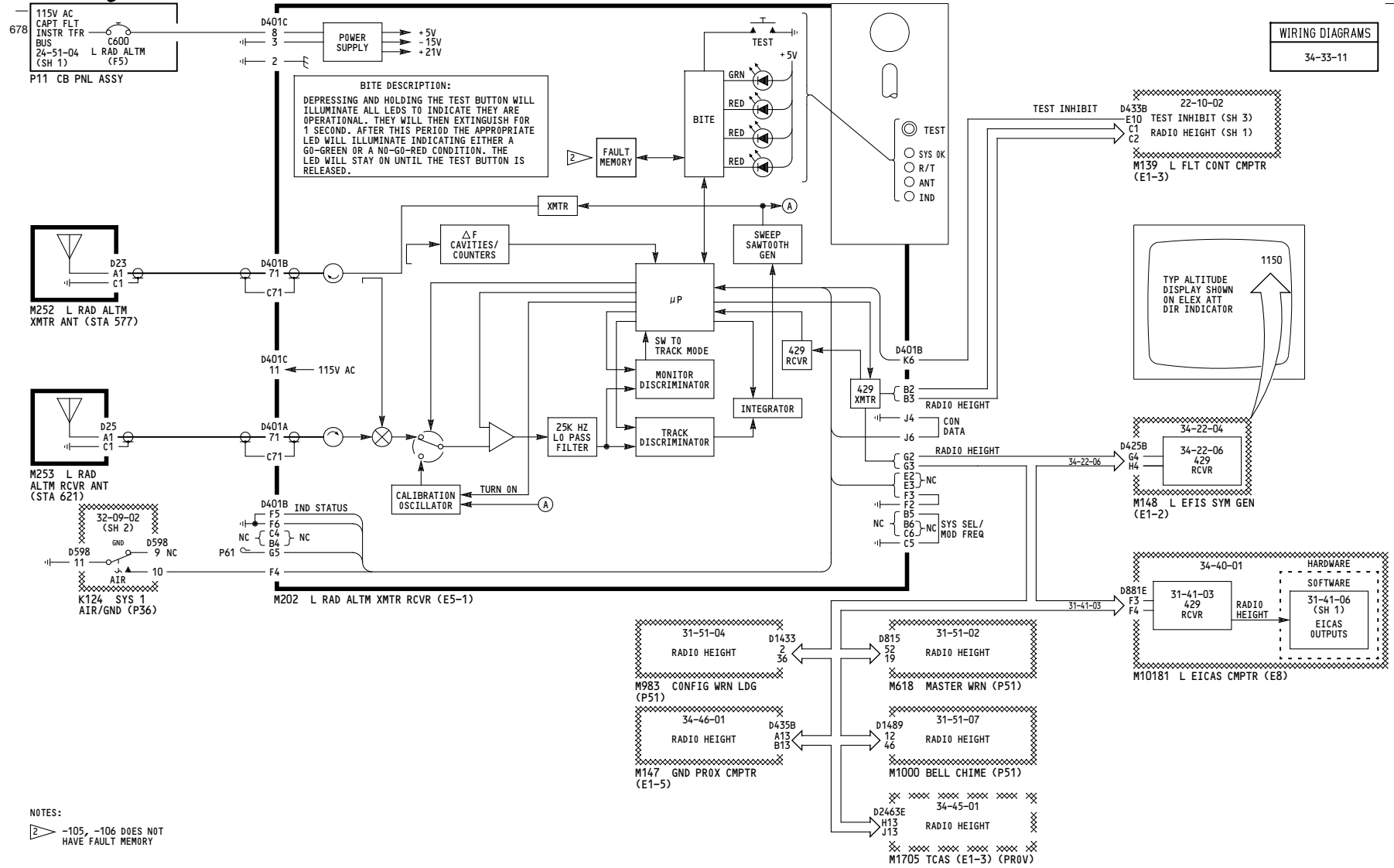
34-32-01

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WIRING DIAGRAMS
34-33-11



NOTES:
② -105, -106 DOES NOT HAVE FAULT MEMORY

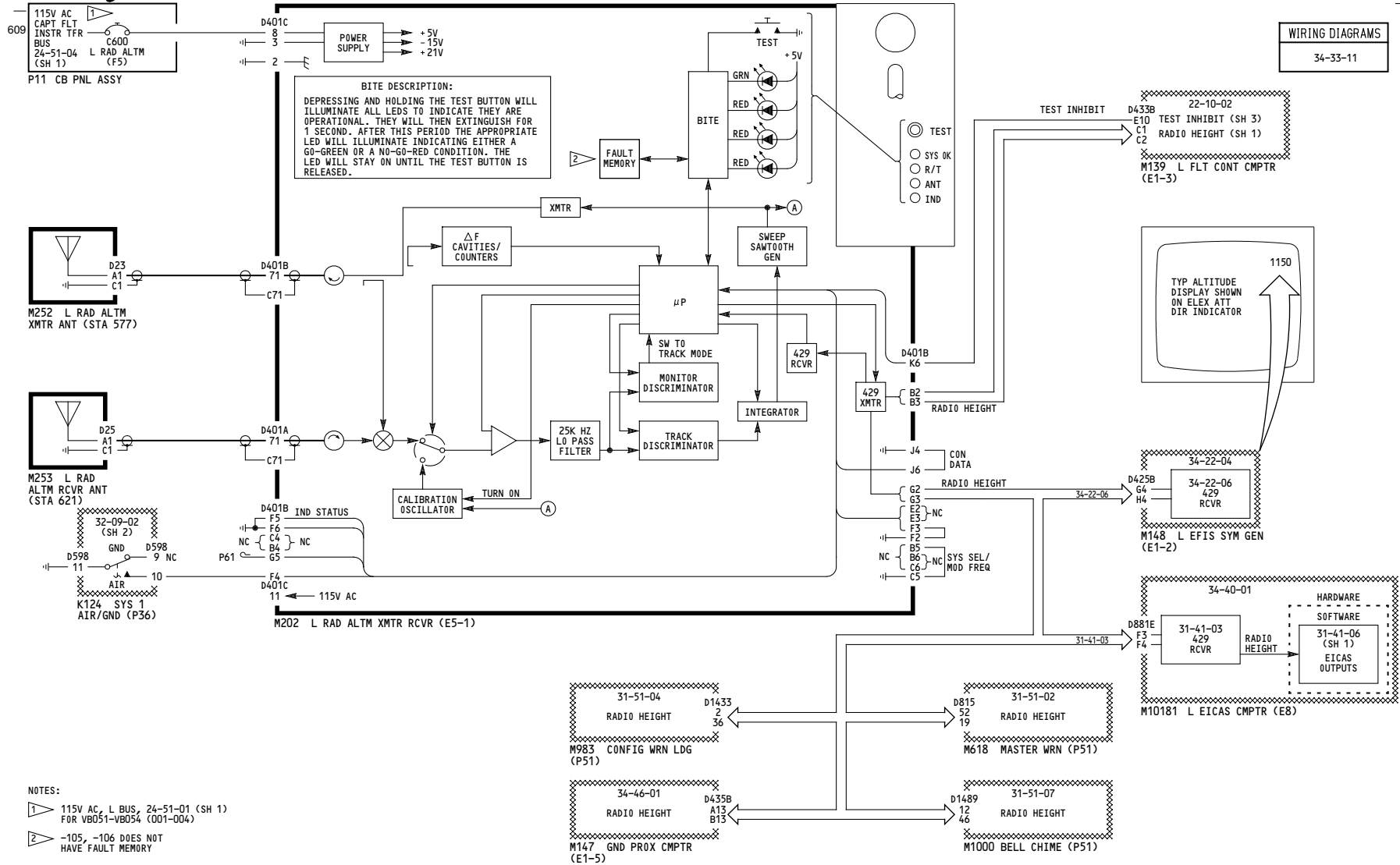
150-152, 275-276	RADIO ALTIMETER-LEFT
	D280T232

Incorporates
34-0091 R01

34-33-01

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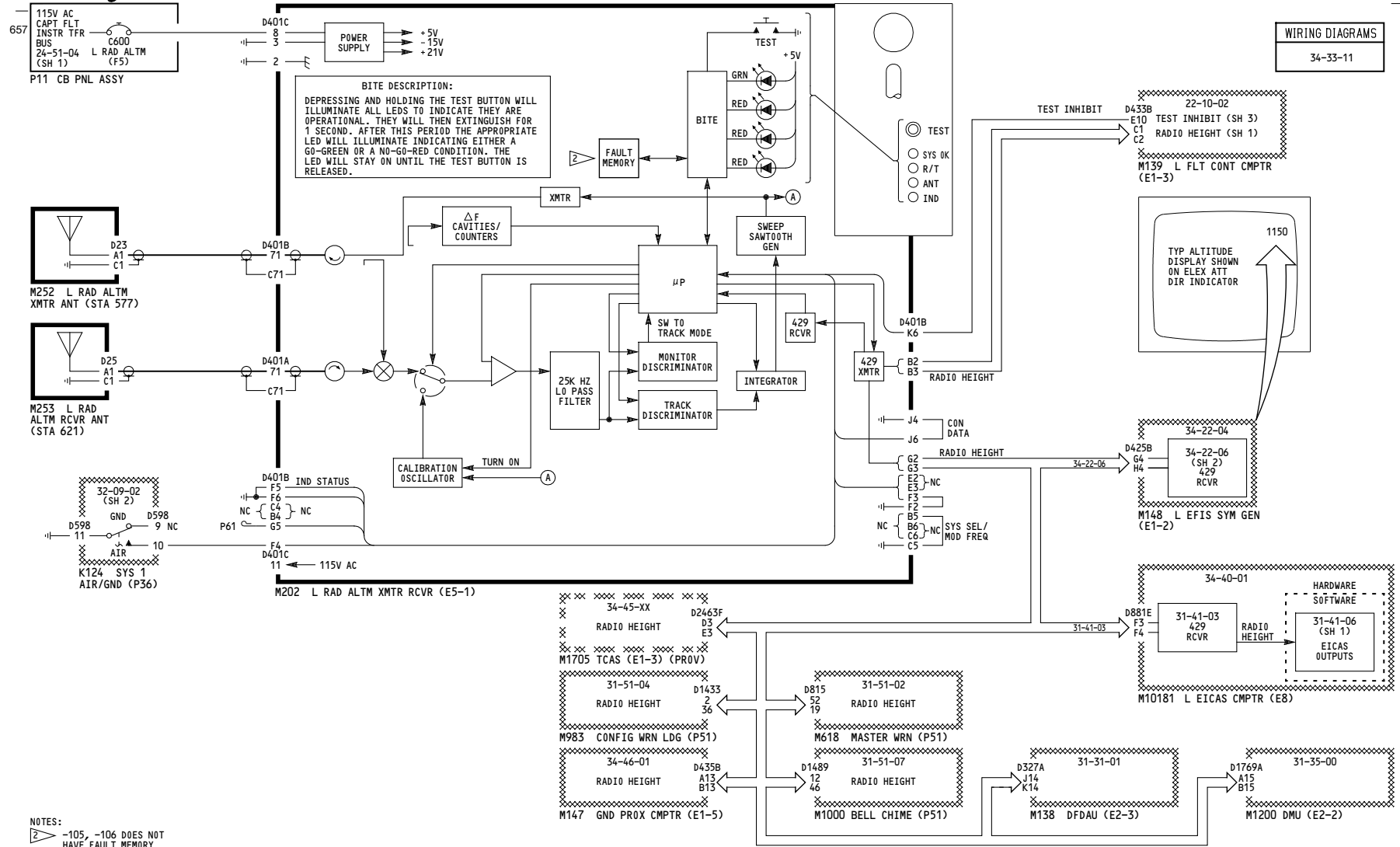


153-157

RADIO ALTIMETER-LEFT

D280T232

34-33-01



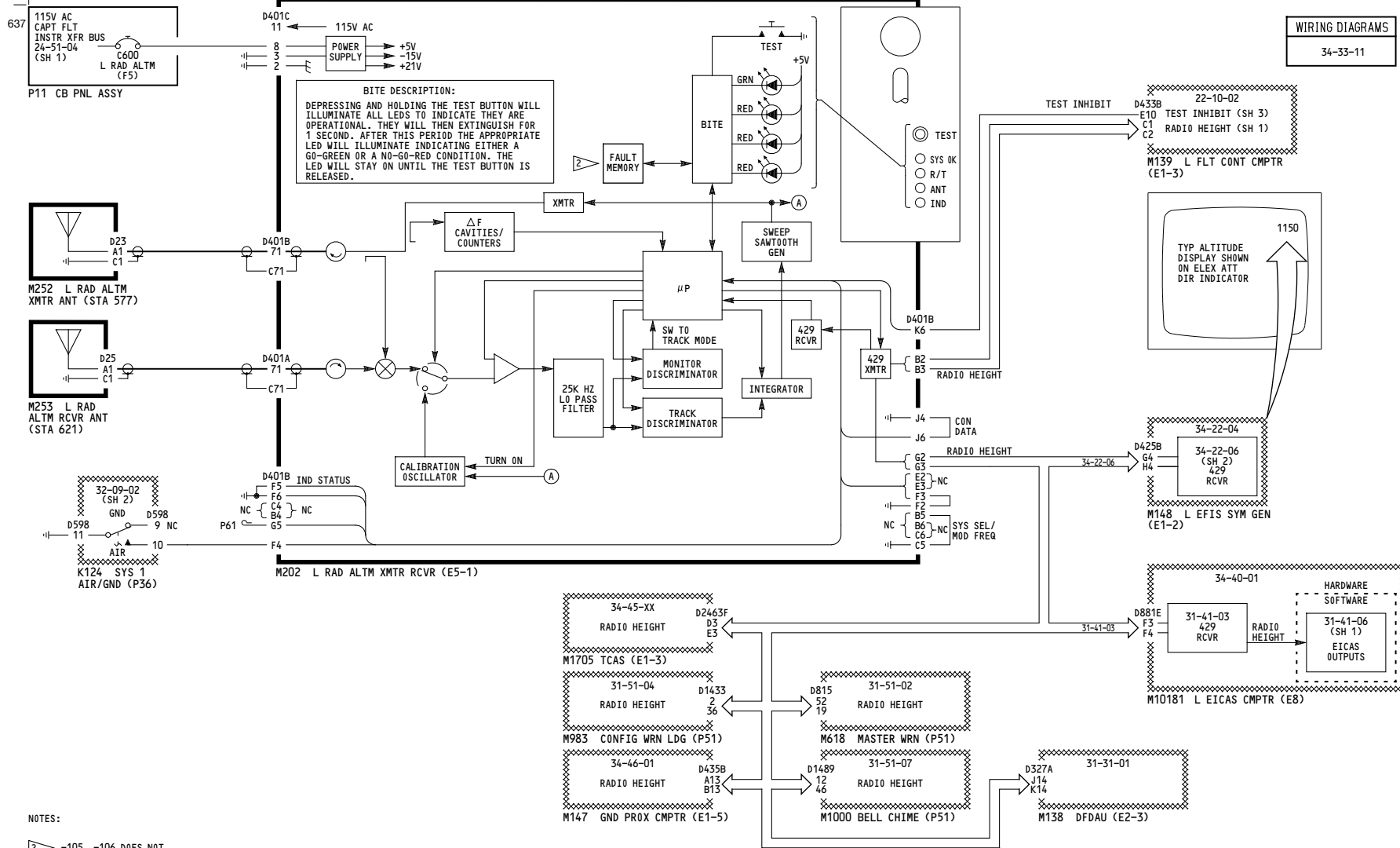
NOTES:
② -105, -106 DOES NOT HAVE FAULT MEMORY

153-154	RADIO ALTIMETER-LEFT
	D280T232

Incorporates
➤ 34-0133

34-33-01

WIRING DIAGRAMS
34-33-11



NOTES:
-105, -106 DOES NOT HAVE FAULT MEMORY

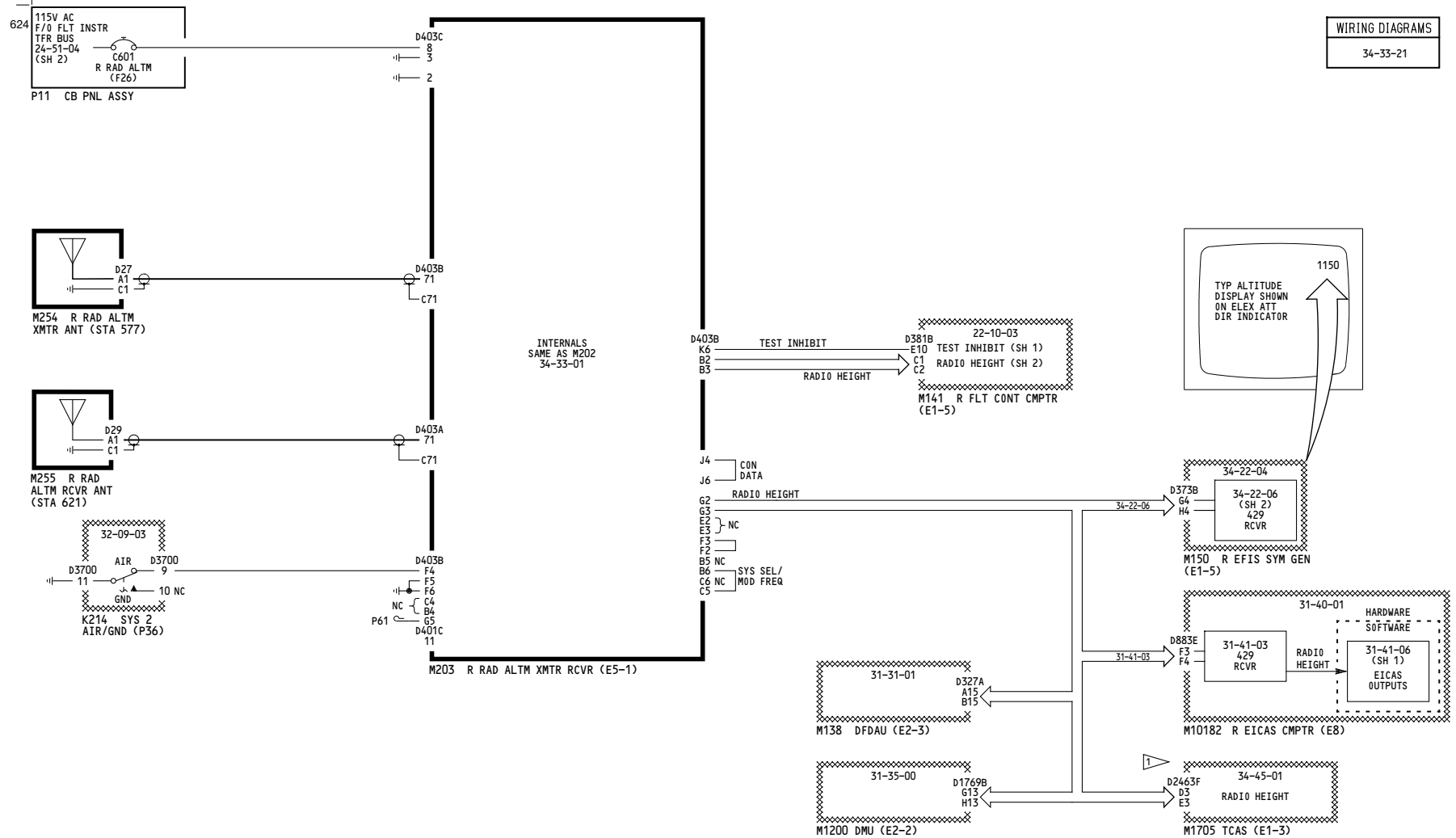
277-299

RADIO ALTIMETER-LEFT

D280T232

34-33-01

WIRING DIAGRAMS
34-33-21



NOTES:
VF092-VF100 ONLY (PROVISIONS)

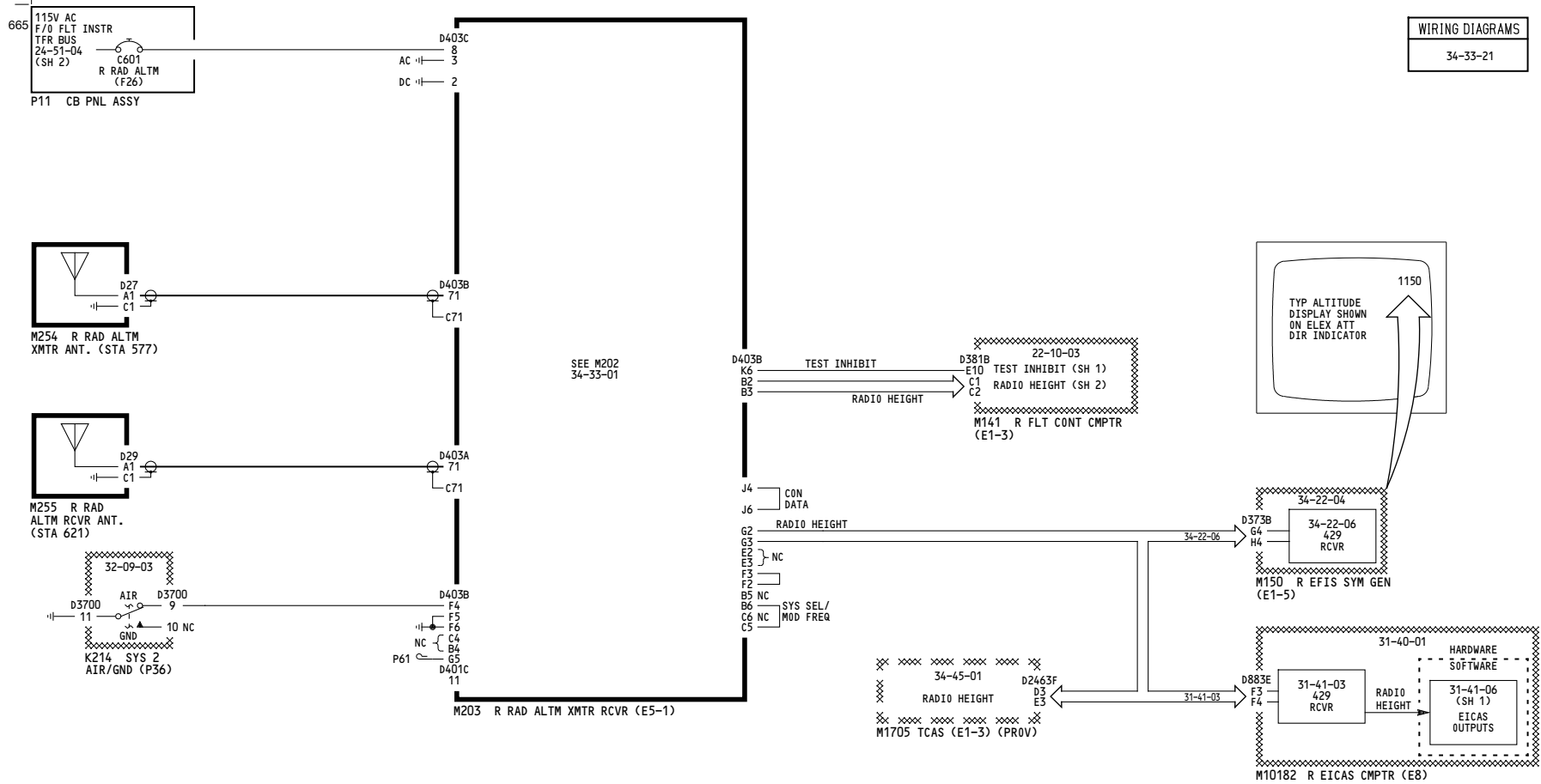
050-099, 162-199	<p>RADIO ALTIMETER- RIGHT</p> <p>D280T232</p>
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34-33-02

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WIRING DIAGRAMS
34-33-21



150-152, 275-276

**RADIO ALTIMETER-
RIGHT**

Incorporates
34-0091 R01

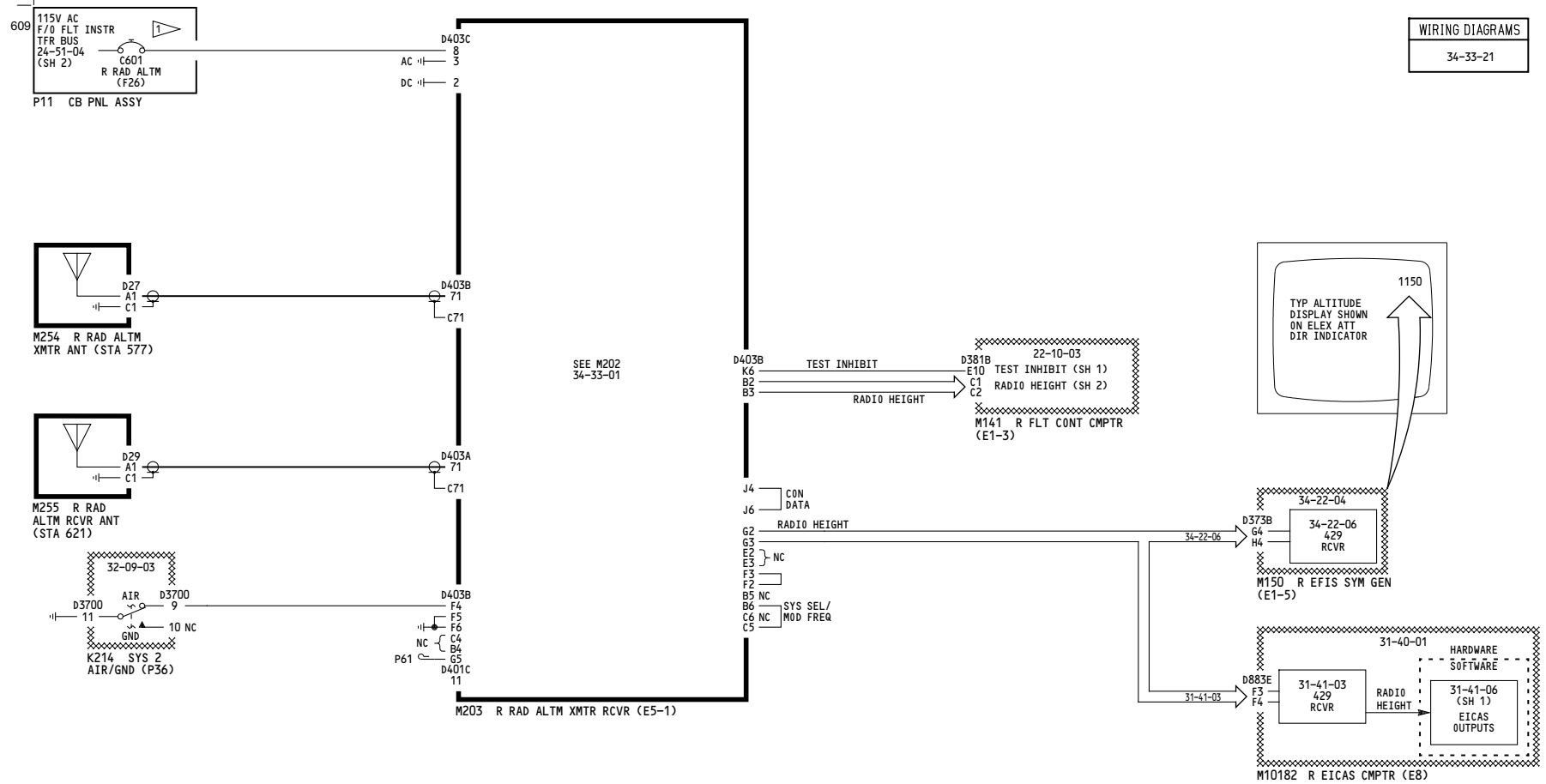
D280T232

34-33-02

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WIRING DIAGRAMS
34-33-21

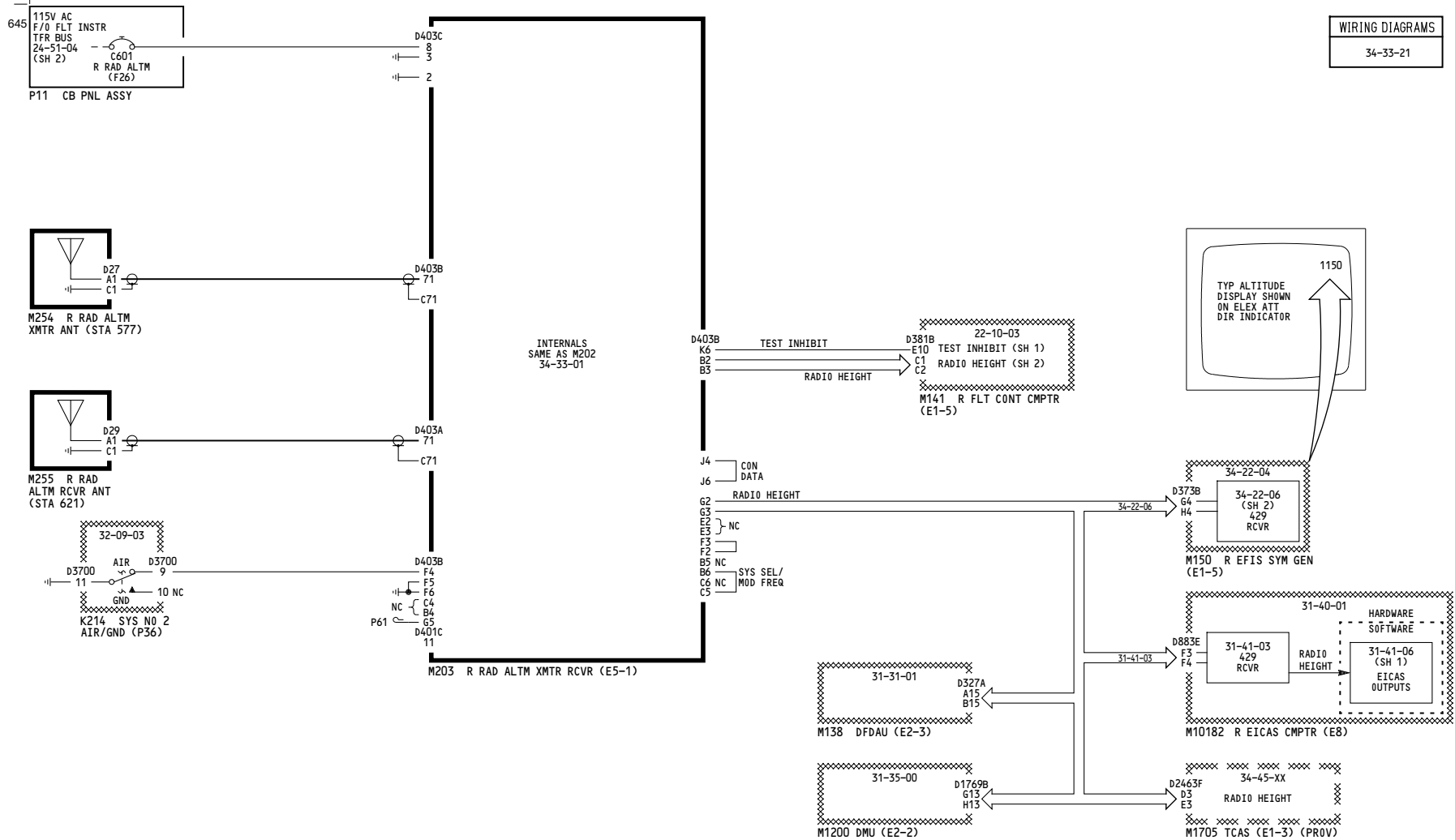


NOTES:
 115V AC, R BUS, 24-51-02 (SH 1) FOR VB051-VB054 (001-004)

153-157	<p>RADIO ALTIMETER-RIGHT</p> <p>D280T232</p>
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34-33-02

WIRING DIAGRAMS
34-33-21



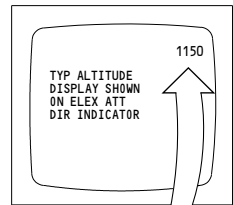
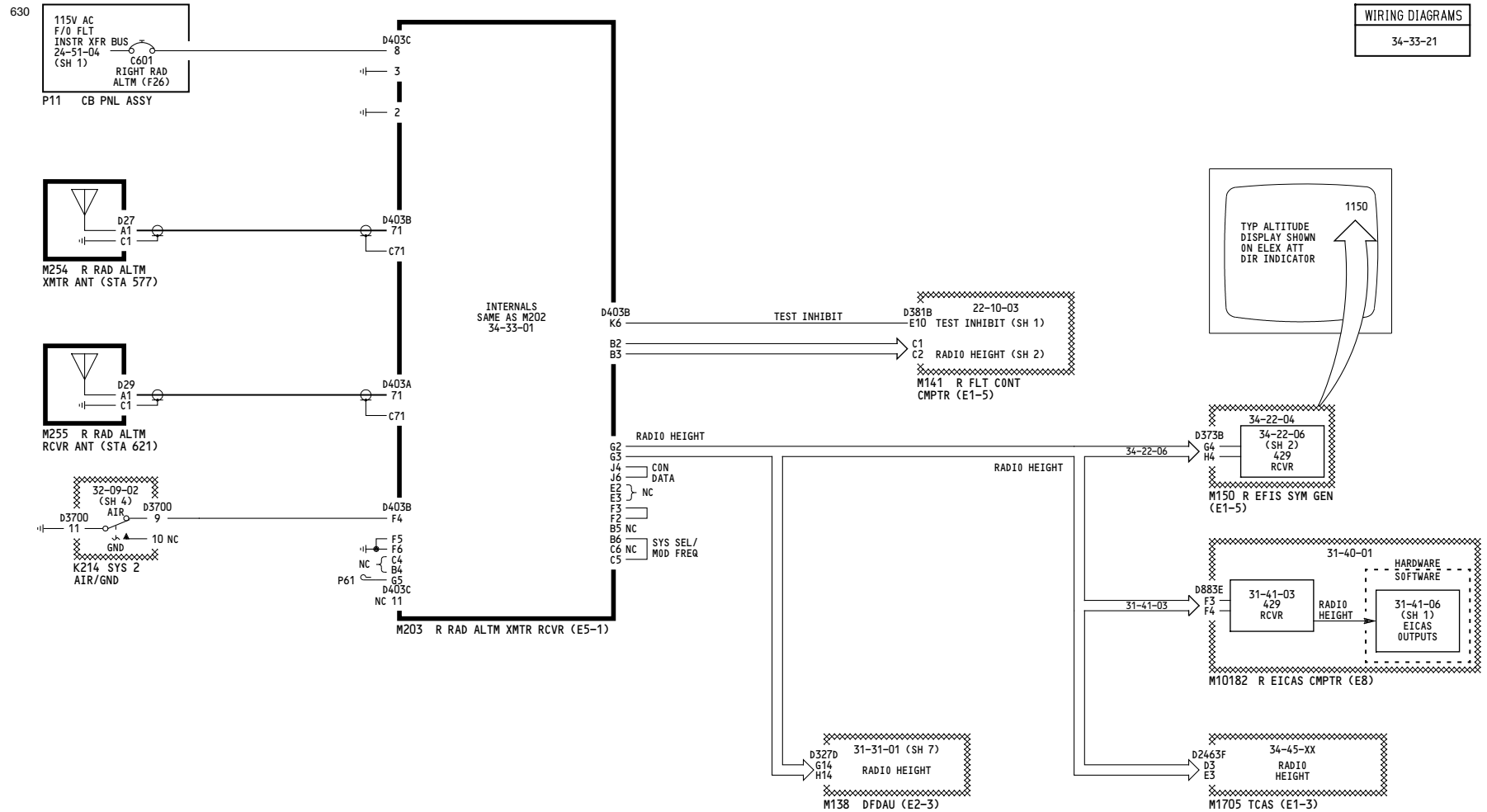
153-154	<p>RADIO ALTIMETER- RIGHT</p> <p>Incorporates 34-0133</p> <p>D280T232</p>
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34-33-02

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WIRING DIAGRAMS
34-33-21



277-299

RADIO ALTIMETER-RIGHT

D280T232

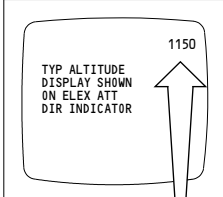
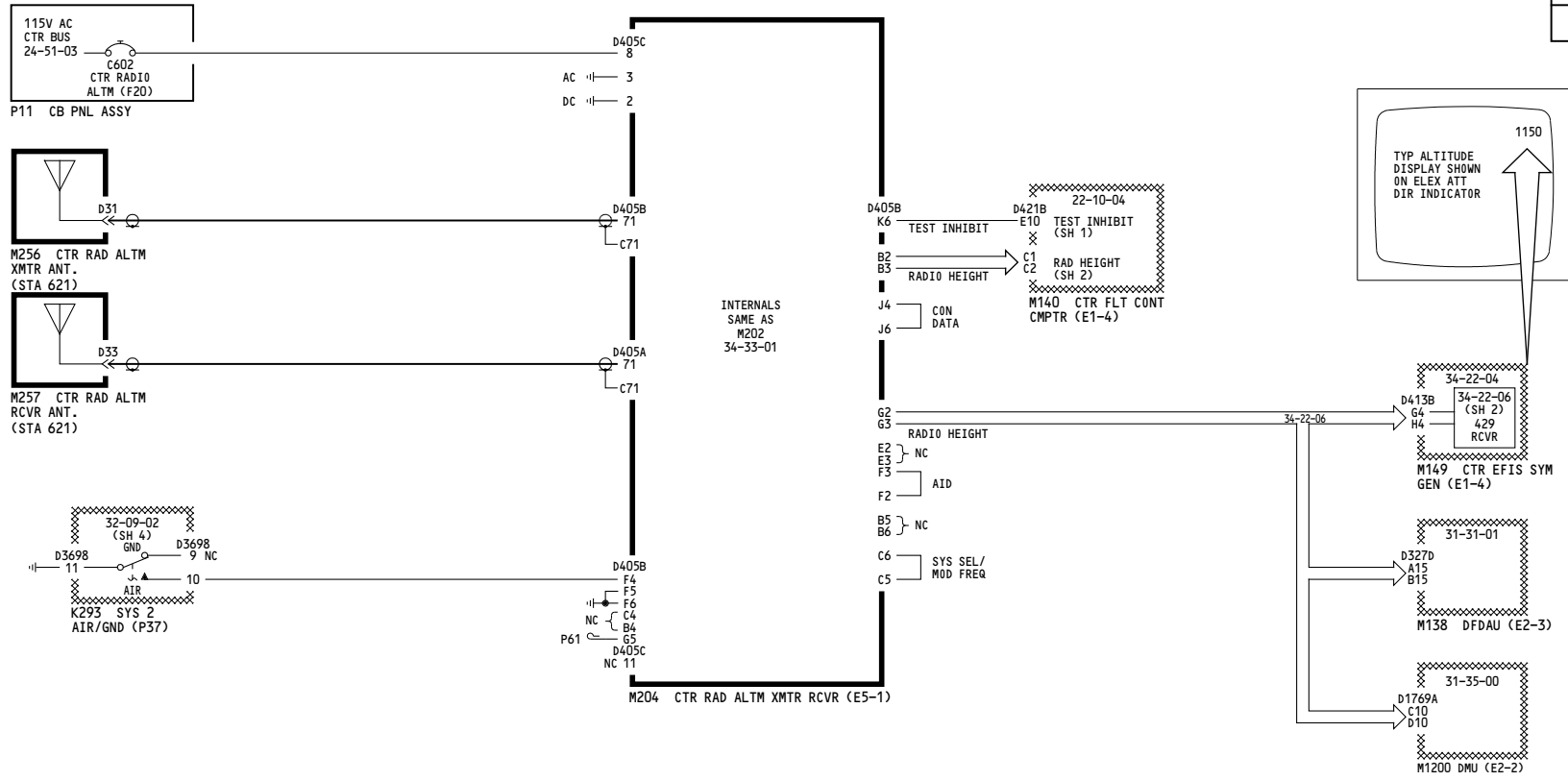
34-33-02

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WIRING DIAGRAMS
34-33-31



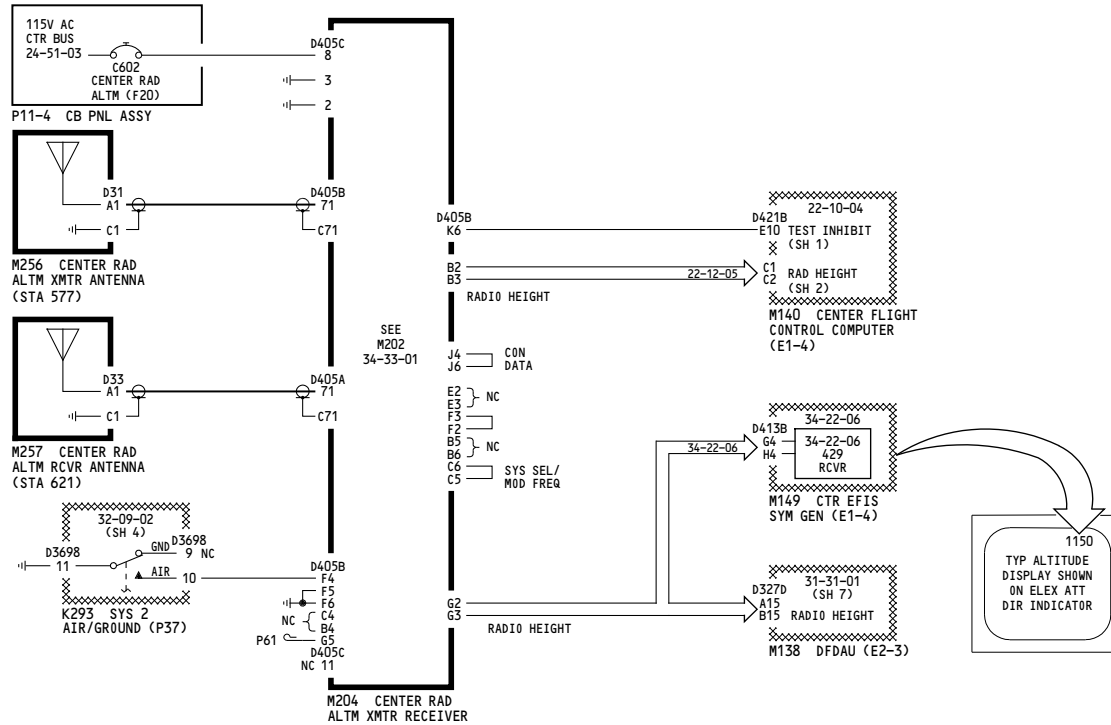
050-099, 150-199, 275-276	<p>RADIO ALTIMETER-CENTER</p> <p>D280T232</p>
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34-33-03

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608



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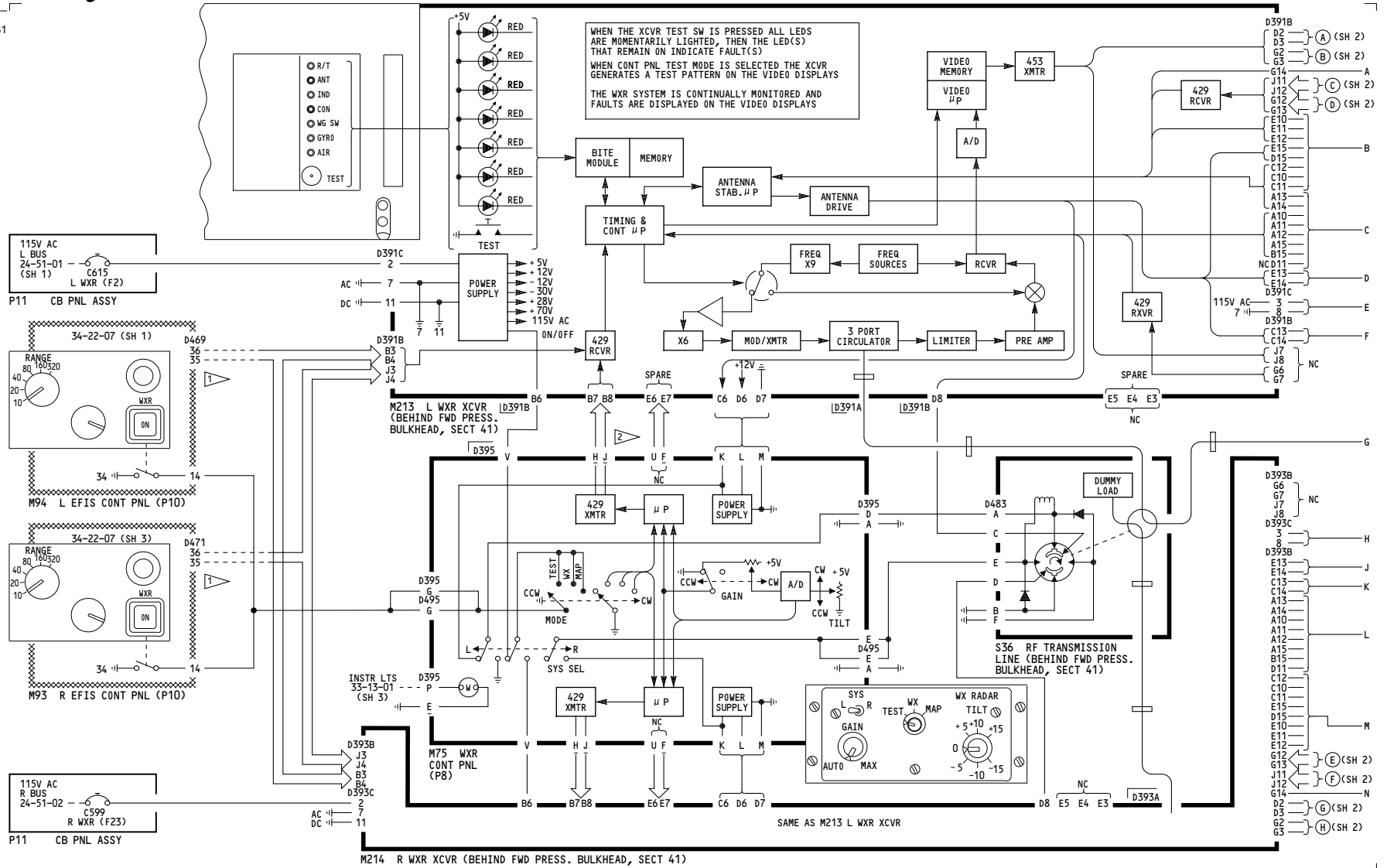
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631



050-099, 151

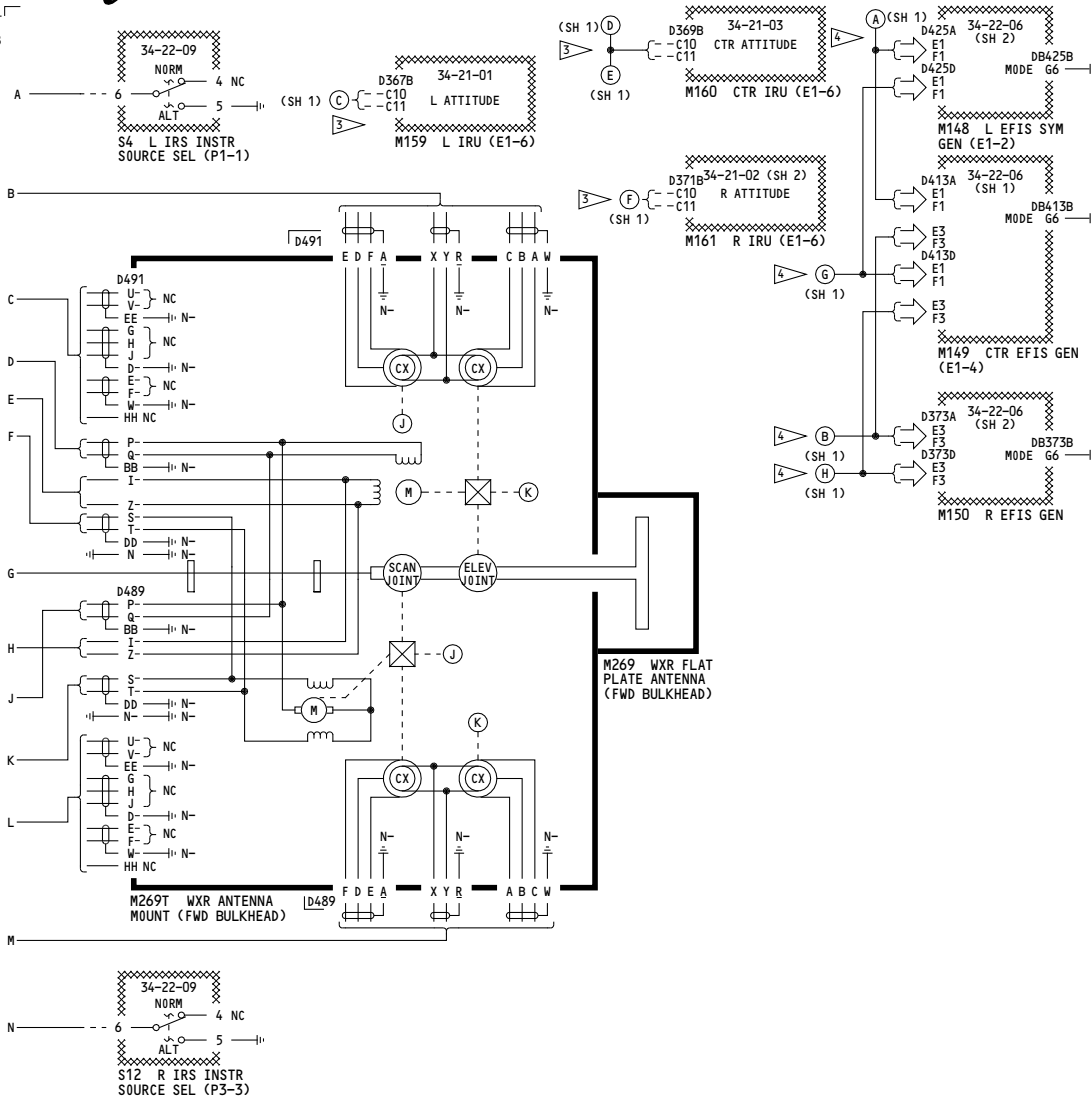
WEATHER RADAR

D280T232

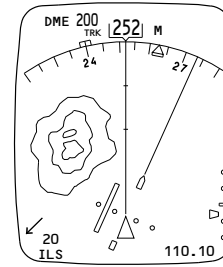
34-43-01

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WIRING DIAGRAMS	
34-43-11	
34-43-12	
34-43-13	
34-43-21	
34-43-22	

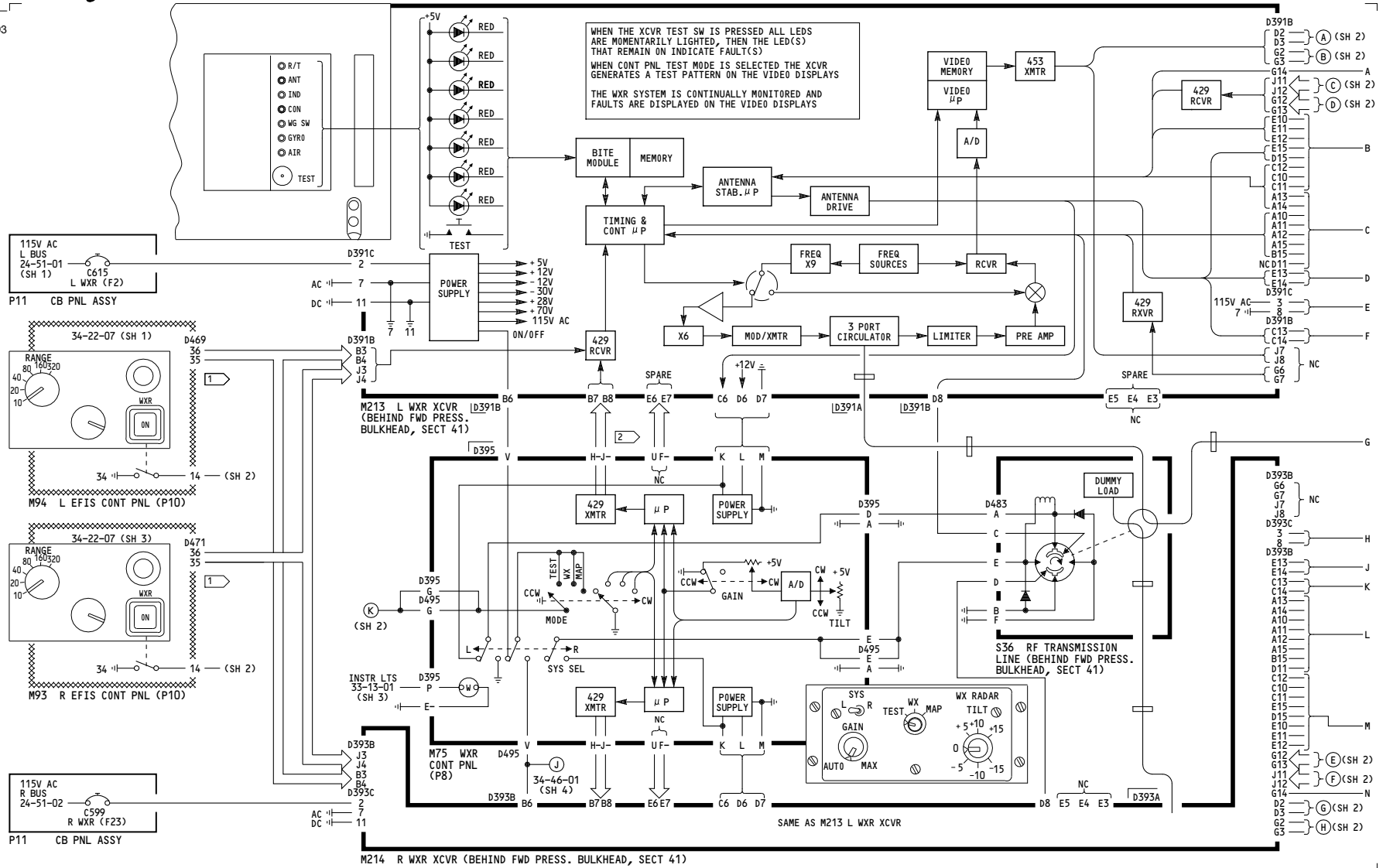


- NOTES:
- 1 320 MI RANGE
 - 10 MI RANGE
 - 20 MI RANGE
 - 40 MI RANGE
 - 80 MI RANGE
 - 160 MI RANGE
 - 2 GAIN
 - 2 TILT
 - WEATHER
 - MAP
 - TEST
 - 3 PITCH ANGLE
 - ROLL ANGLE
 - 4 WX

050-099, 151	WEATHER RADAR
D280T232	

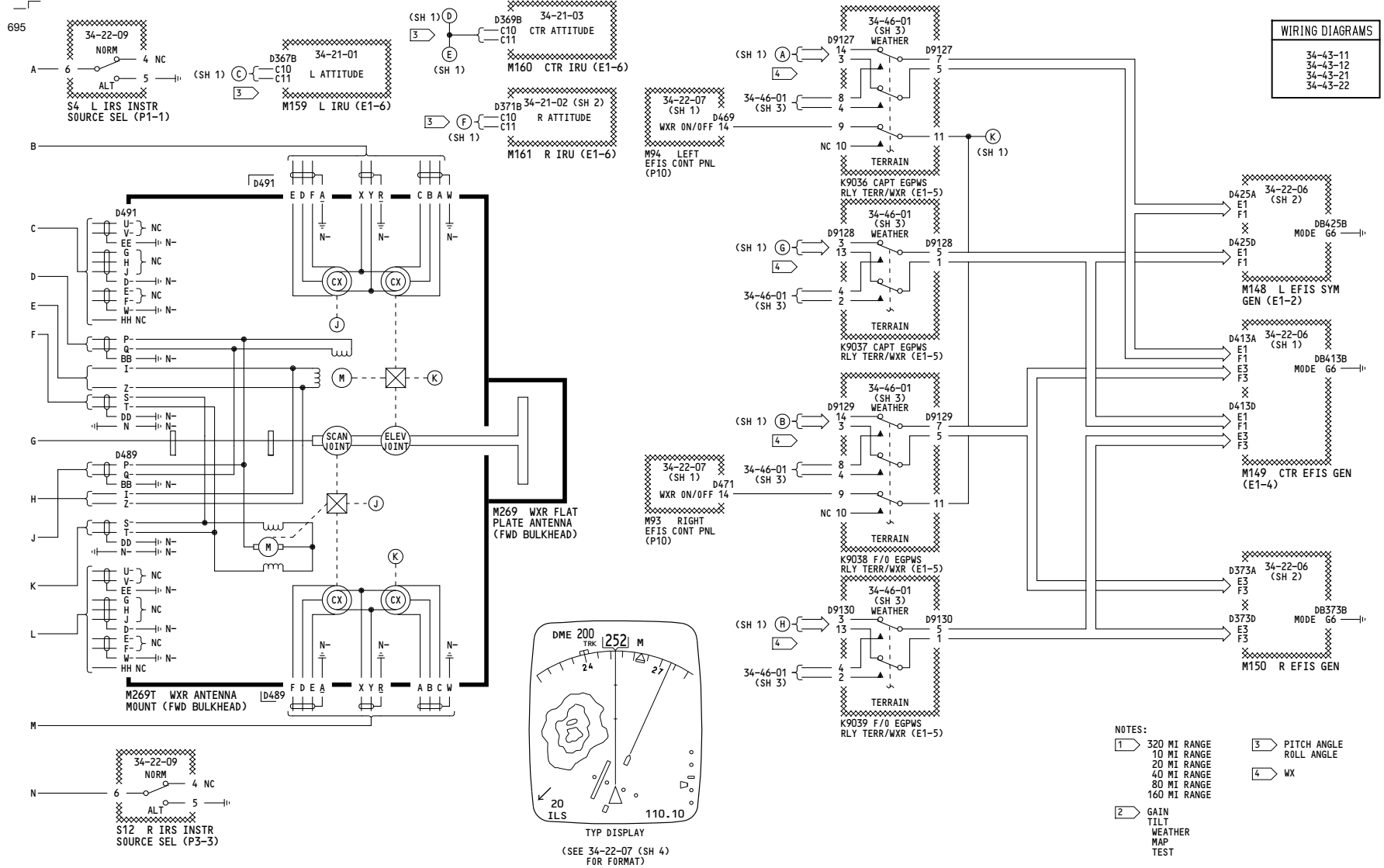
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693



Incorporates
MTO-340961

34-43-01



150, 152-280

WEATHER RADAR

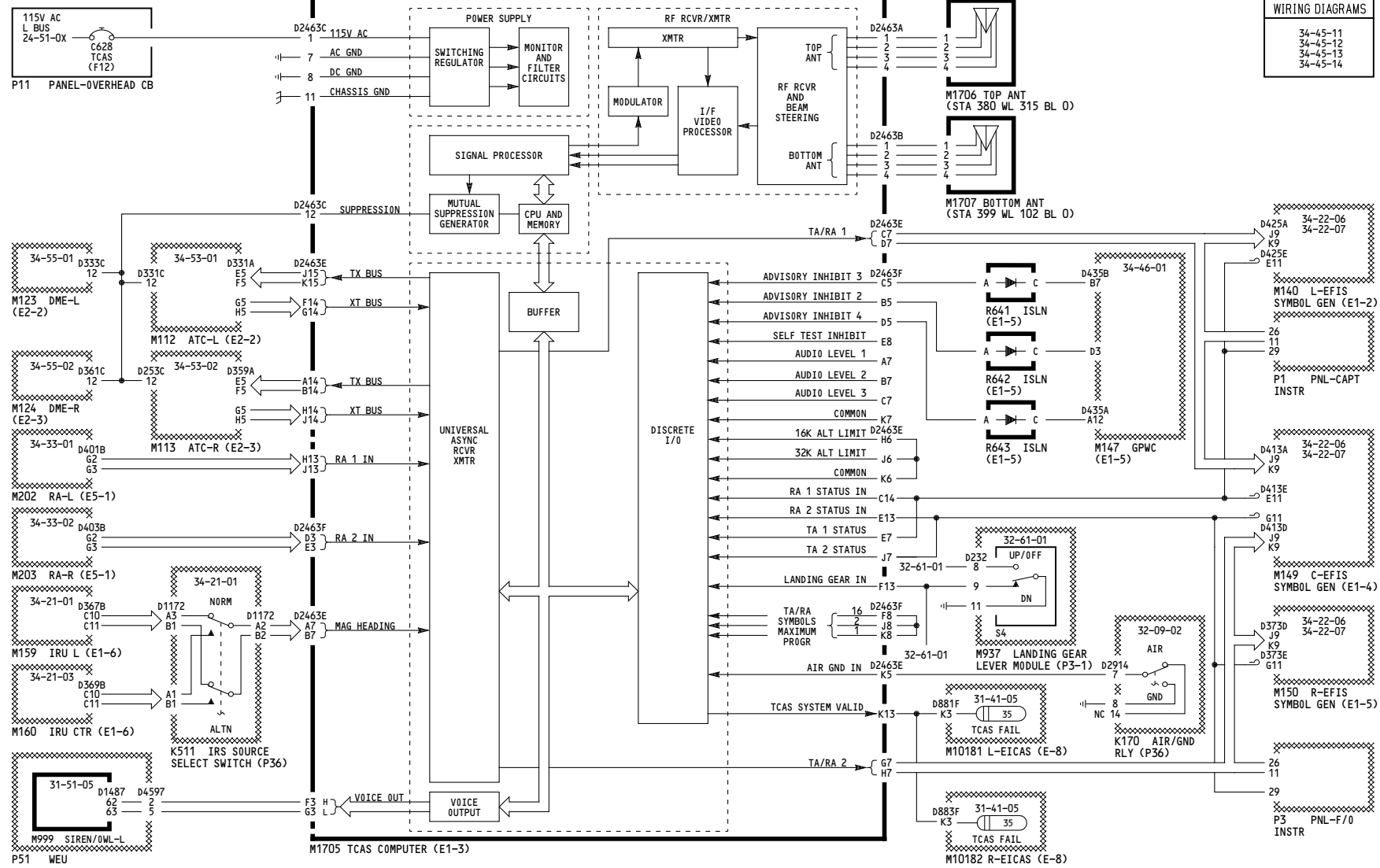
Incorporates MTO-340961

D280T232

34-43-01

672

WIRING DIAGRAMS	
34-45-11	
34-45-12	
34-45-13	
34-45-14	



050-051

TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (TCAS)

D280T232

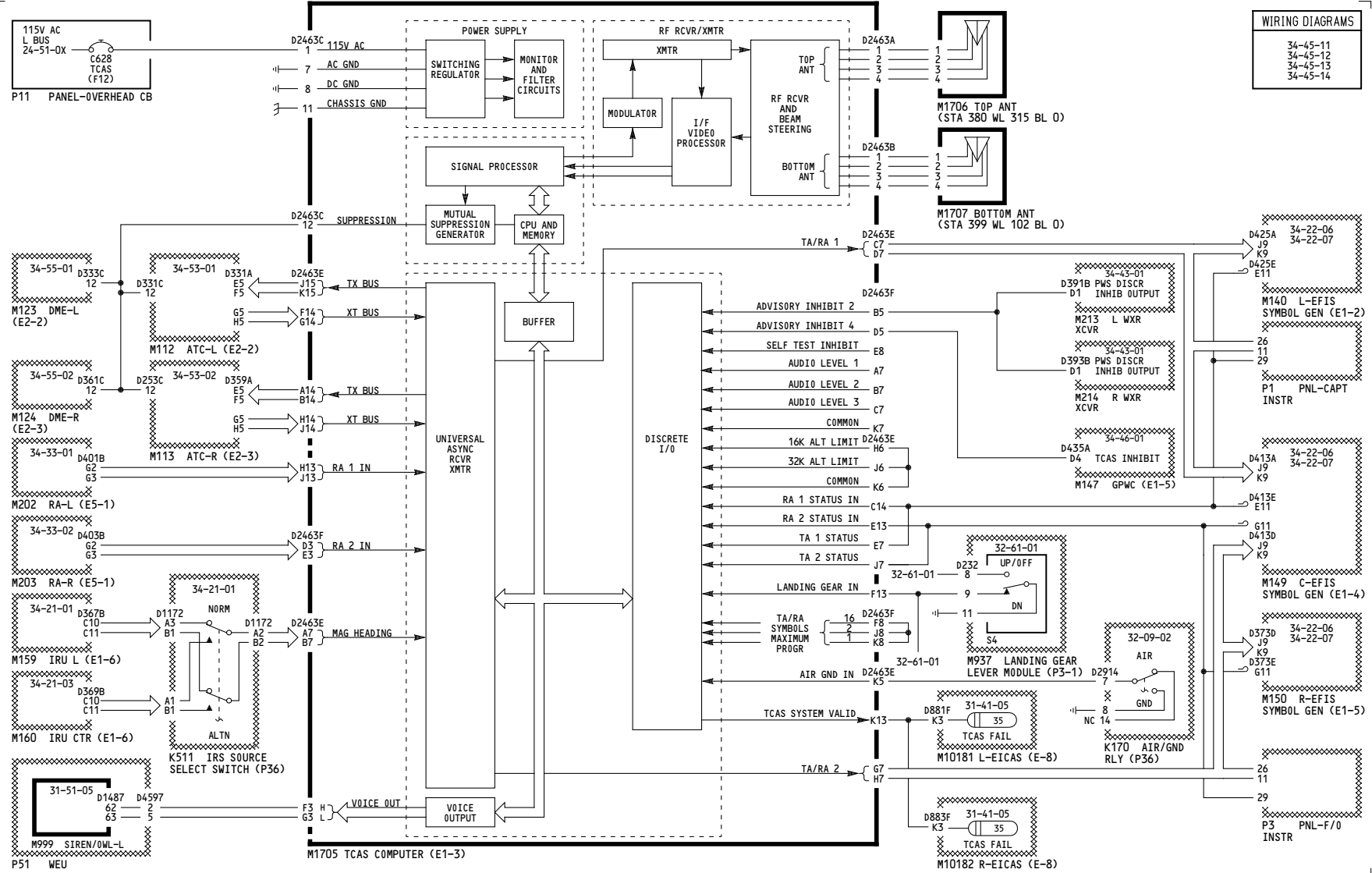
- Incorporates
- ▶ MTO 340652
 - ▶ MTO 340723

34-45-01

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734



WIRING DIAGRAMS
34-45-11
34-45-12
34-45-13
34-45-14

150, 152, 275-276

TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (TCAS)

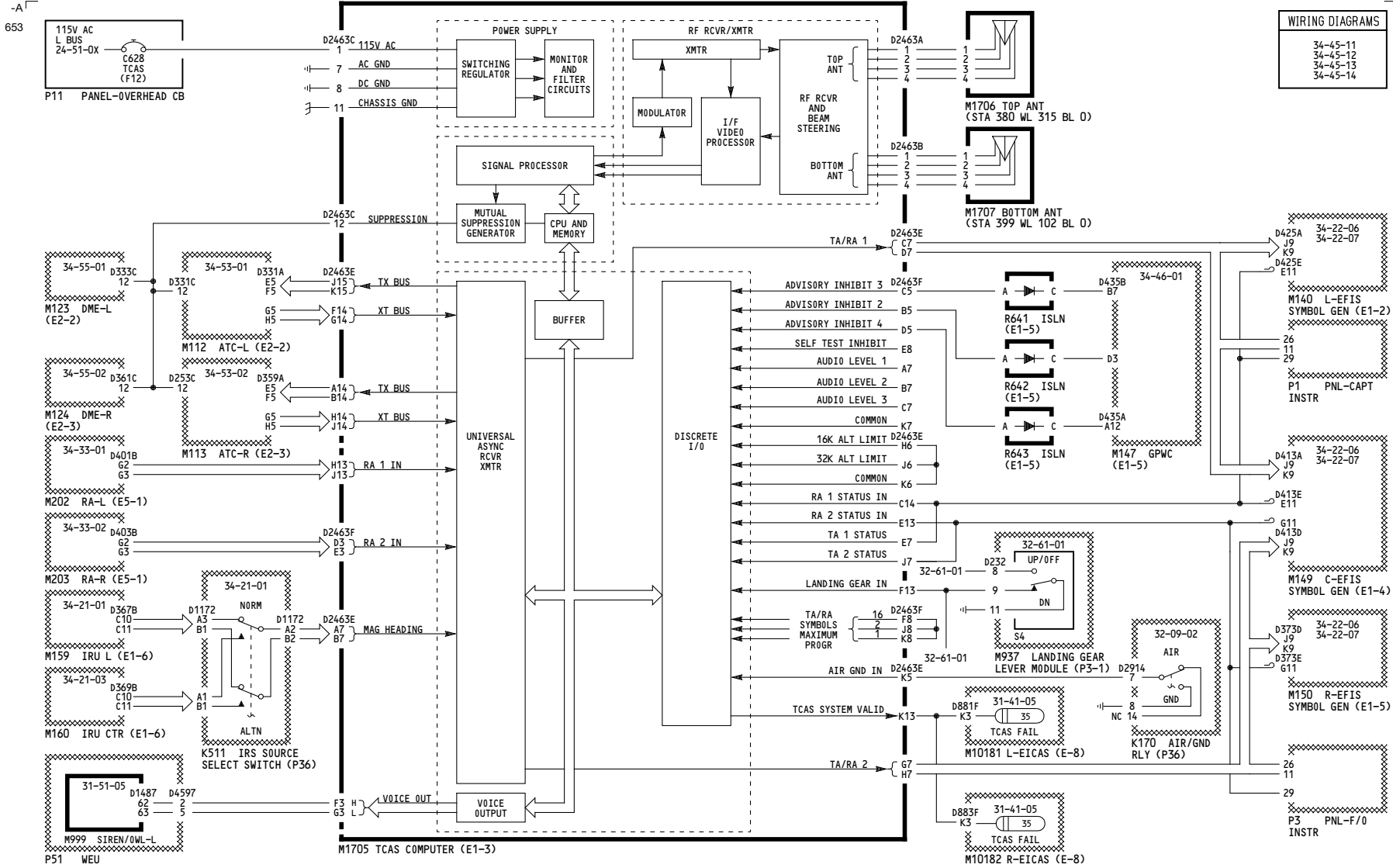
D280T232

- Incorporates
- ▶ 34-0091 R01
 - ▶ MTO 340652
 - ▶ MTO 340723
 - ▶ MTO-340961

34-45-01

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WIRING DIAGRAMS
 34-45-11
 34-45-12
 34-45-13
 34-45-14

151

TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (TCAS)

D280T232

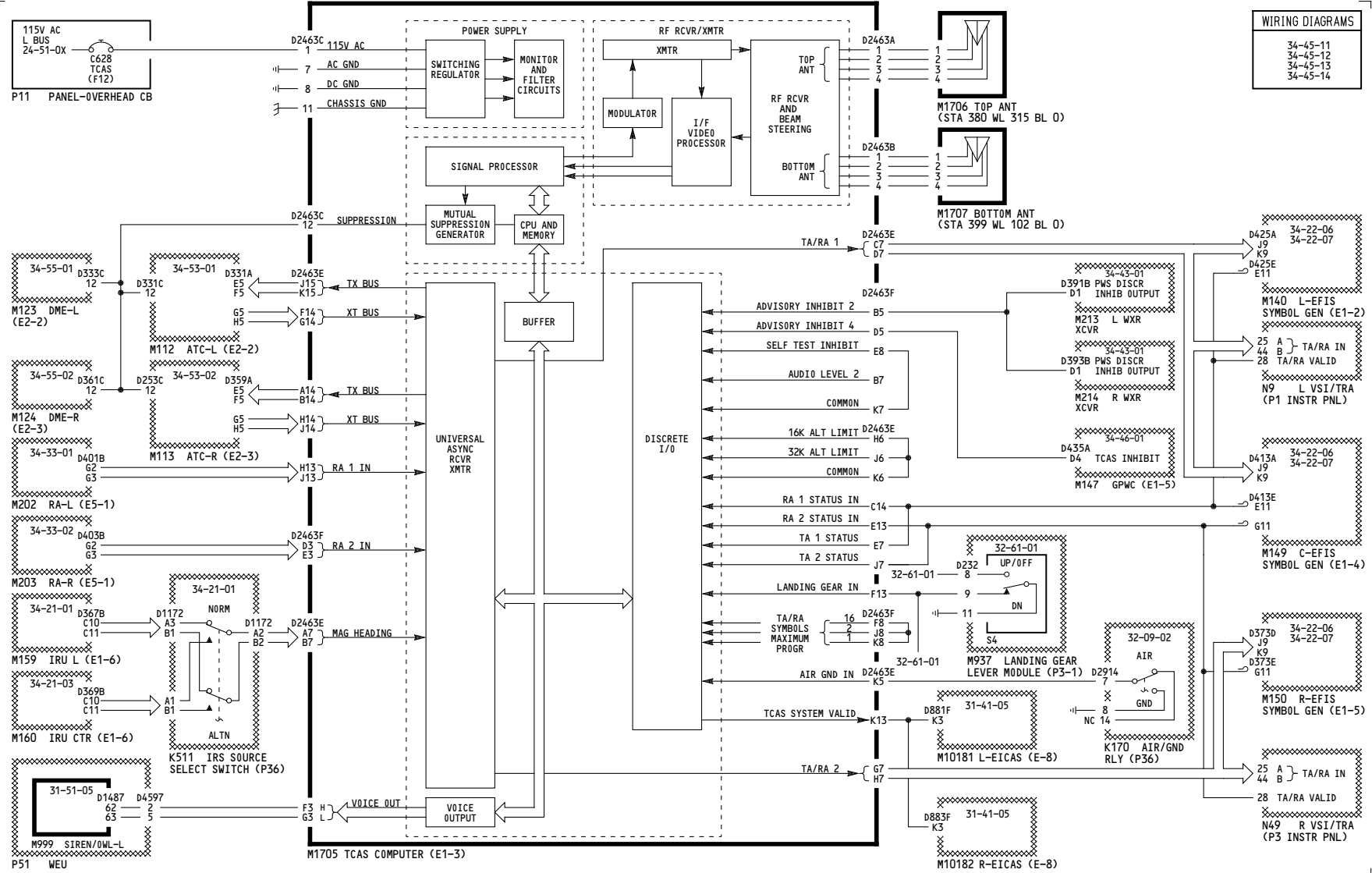
- Incorporates
- ▶ 34-0091 R01
 - ▶ MTO 340652
 - ▶ MTO 340723

34-45-01

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153-154

TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (TCAS)

- ▀ Incorporates MTO 340652 R01
- ▀ MTO-340961

D280T232

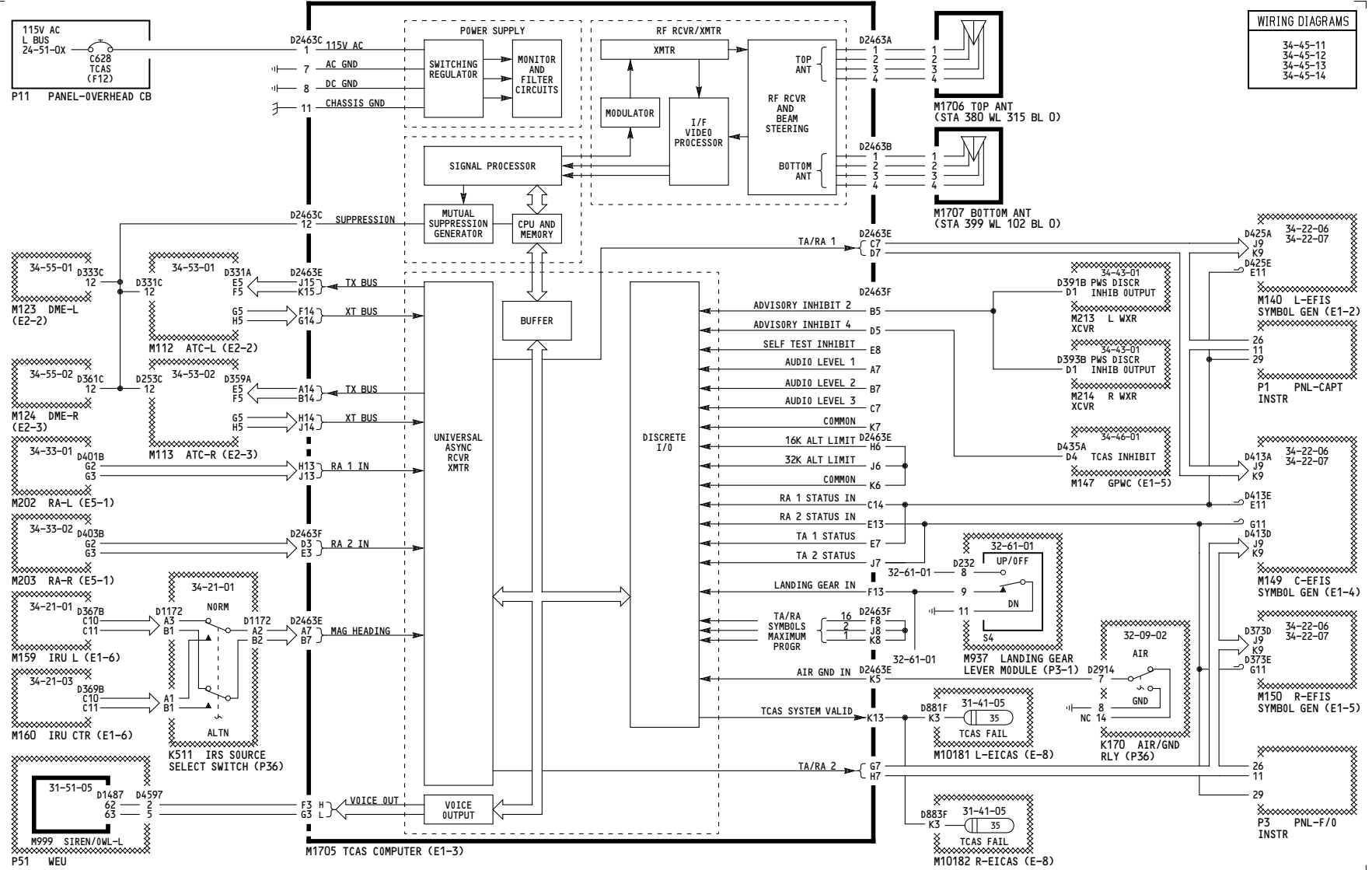
34-45-01

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WIRING DIAGRAMS	
34-45-11	
34-45-12	
34-45-13	
34-45-14	



155-167, 277-280

TRAFFIC ALERT AND COLLISION AVOIDANCE SYSTEM (TCAS)

- Incorporates
- ▶ MTO 340652
 - ▶ MTO 340723
 - ▶ MTO-340961

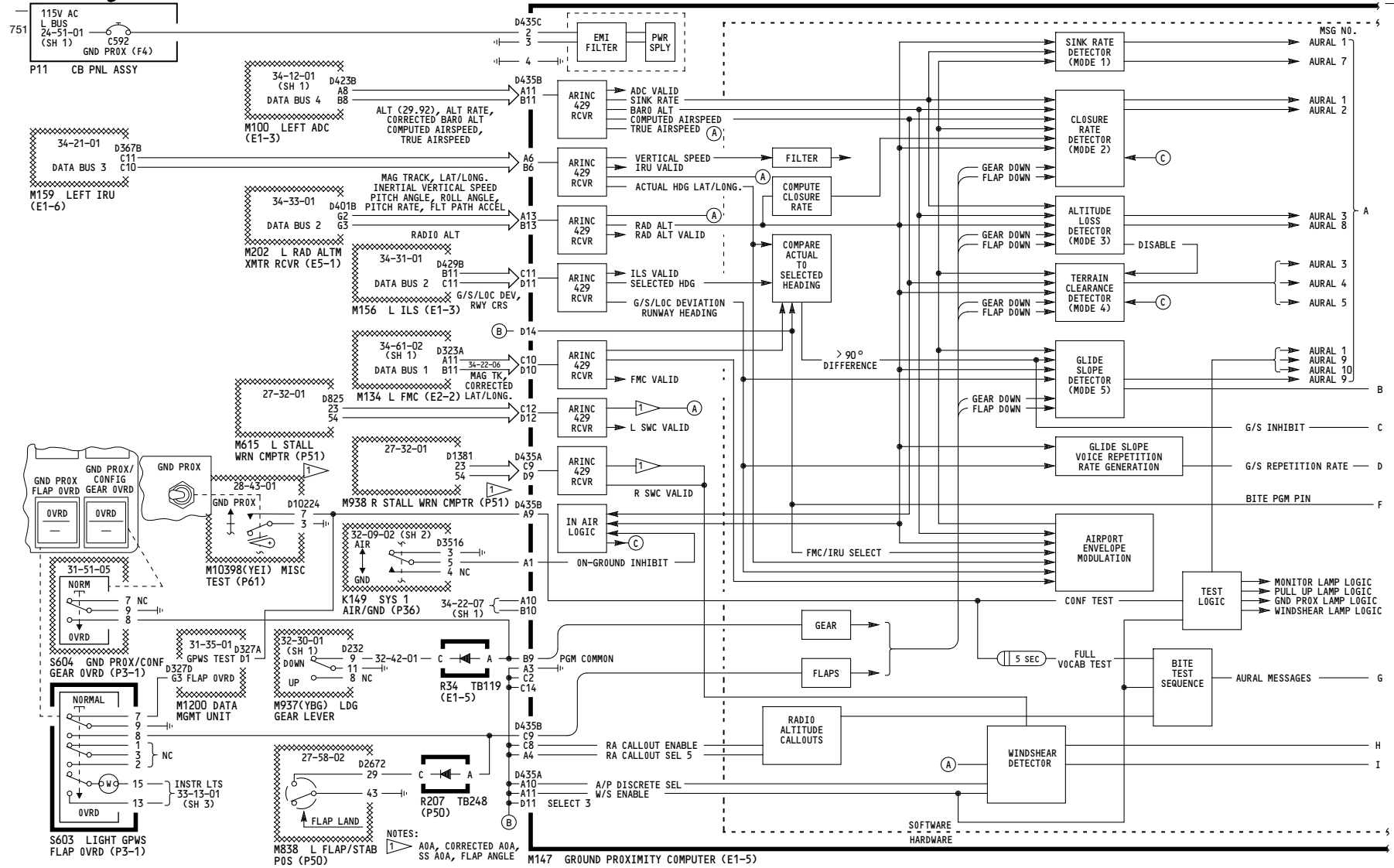
D280T232

34-45-01

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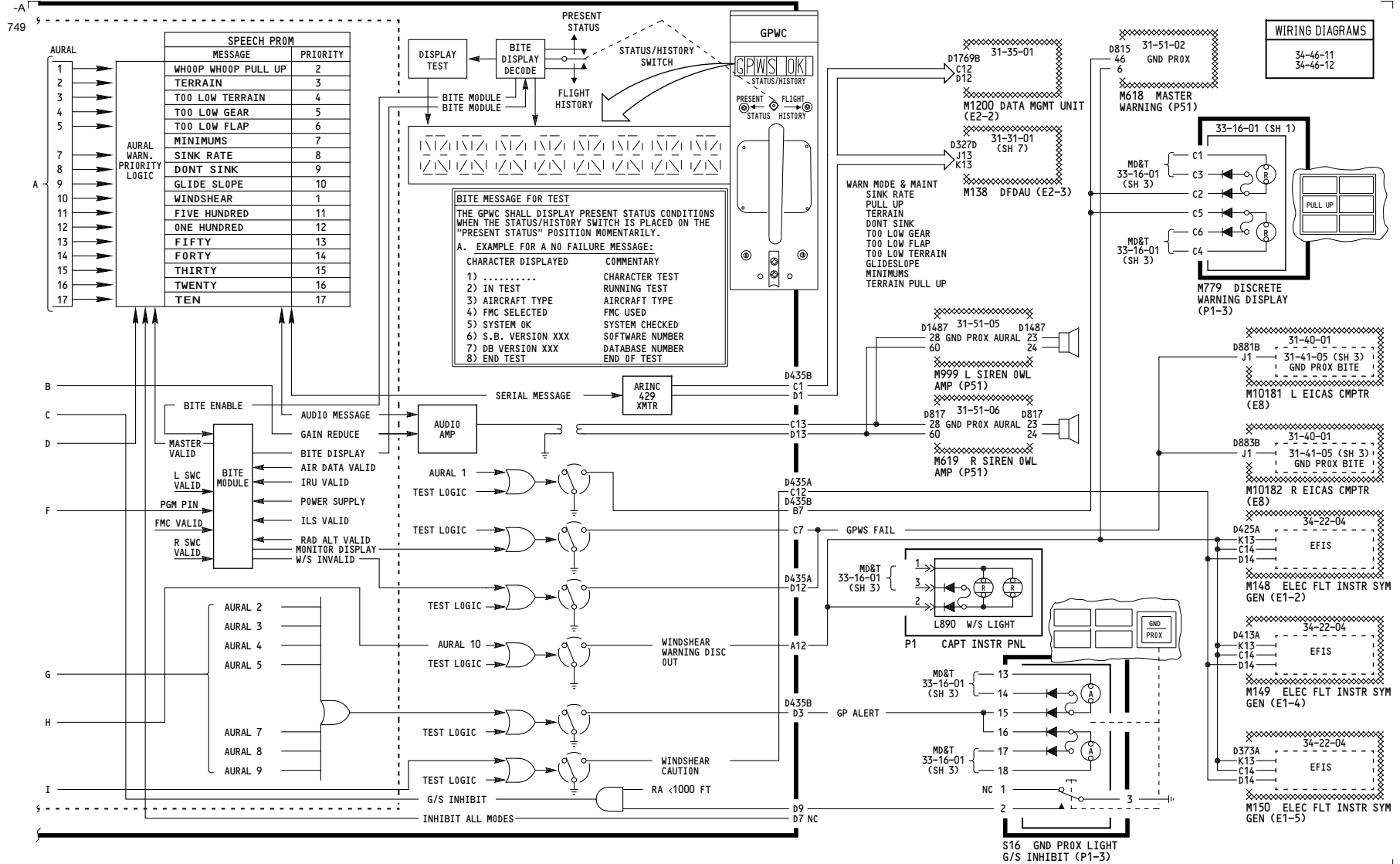
050-051

GROUND PROXIMITY WARNING

Incorporates
MTO 340537 R01

D280T232

34-46-01



050-051

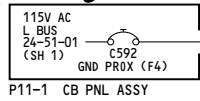
GROUND PROXIMITY WARNING

Incorporates
MTO 340537 R01

34-46-01

D280T232

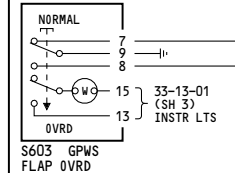
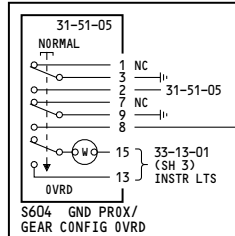
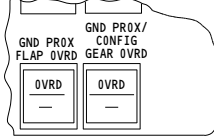
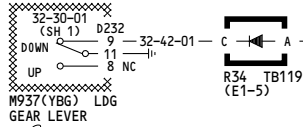
780



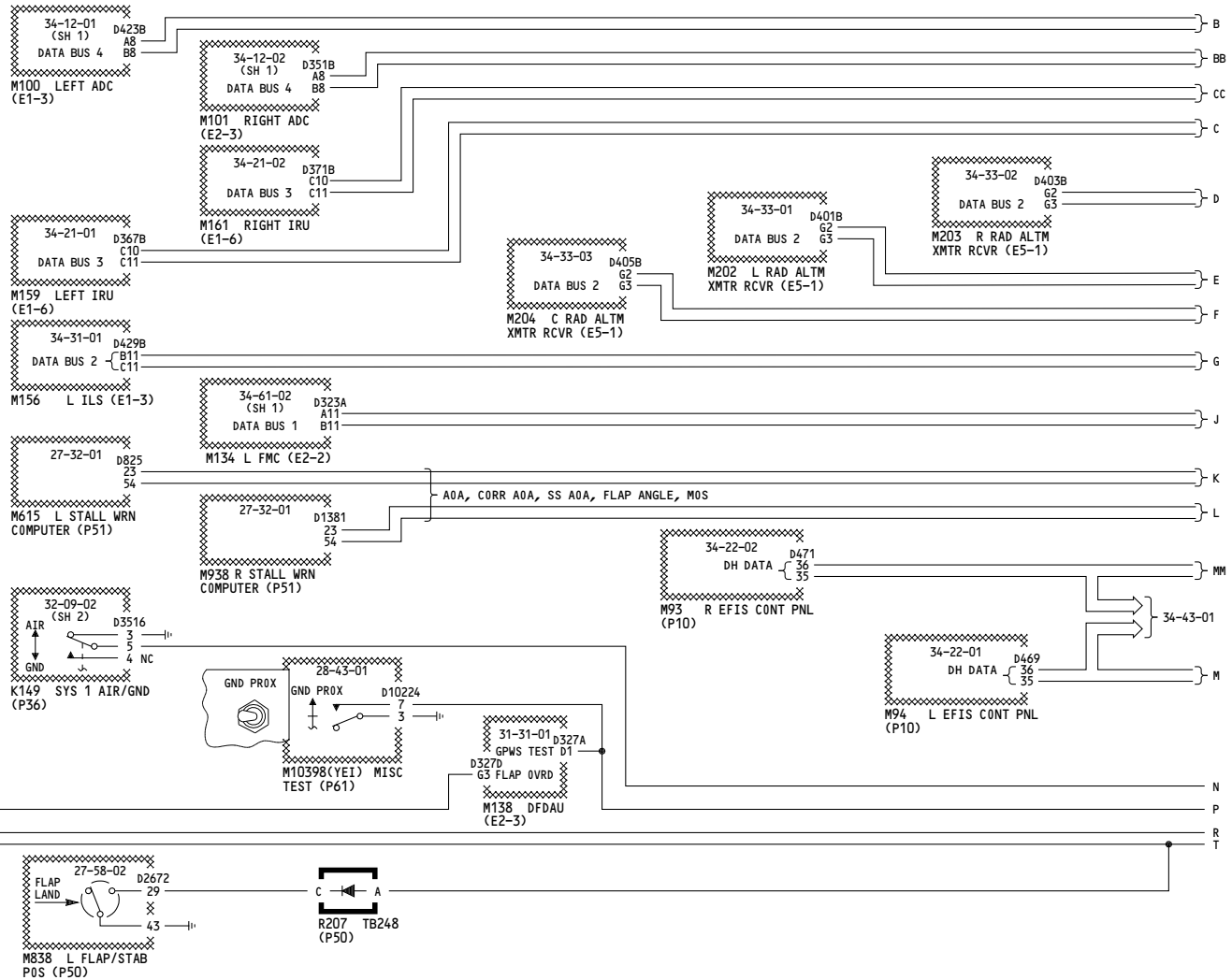
P11-1 CB PNL ASSY

WIRING DIAGRAMS

34-46-11
34-46-12



P3-1 F/O INSTR PNL



150, 152-154, 275-276

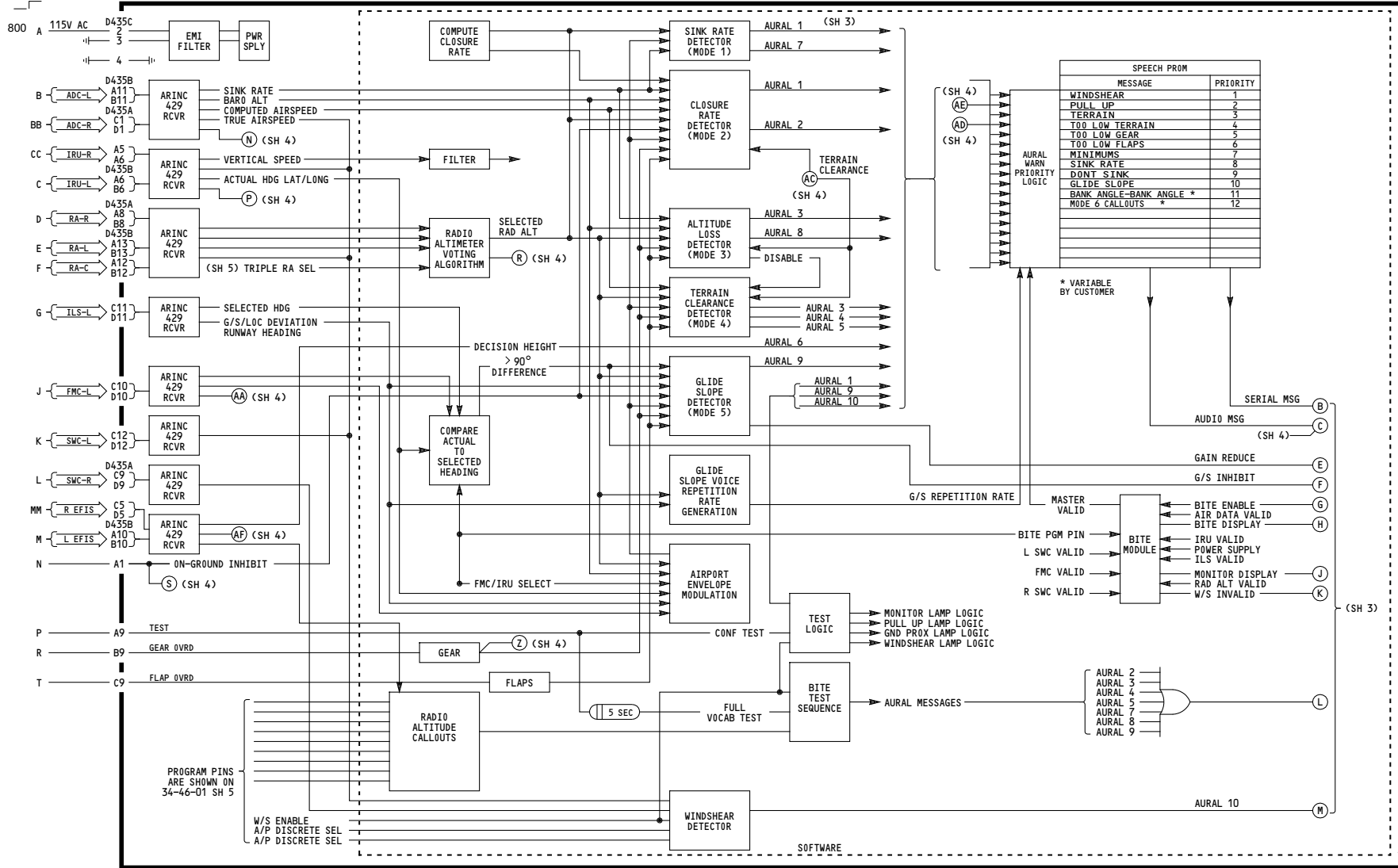
GROUND PROXIMITY WARNING

- ▶ Incorporates
- ▶ MTO 340537
- ▶ MTO-340961

D280T232

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M147 GROUND PROXIMITY COMPUTER (E1-5)

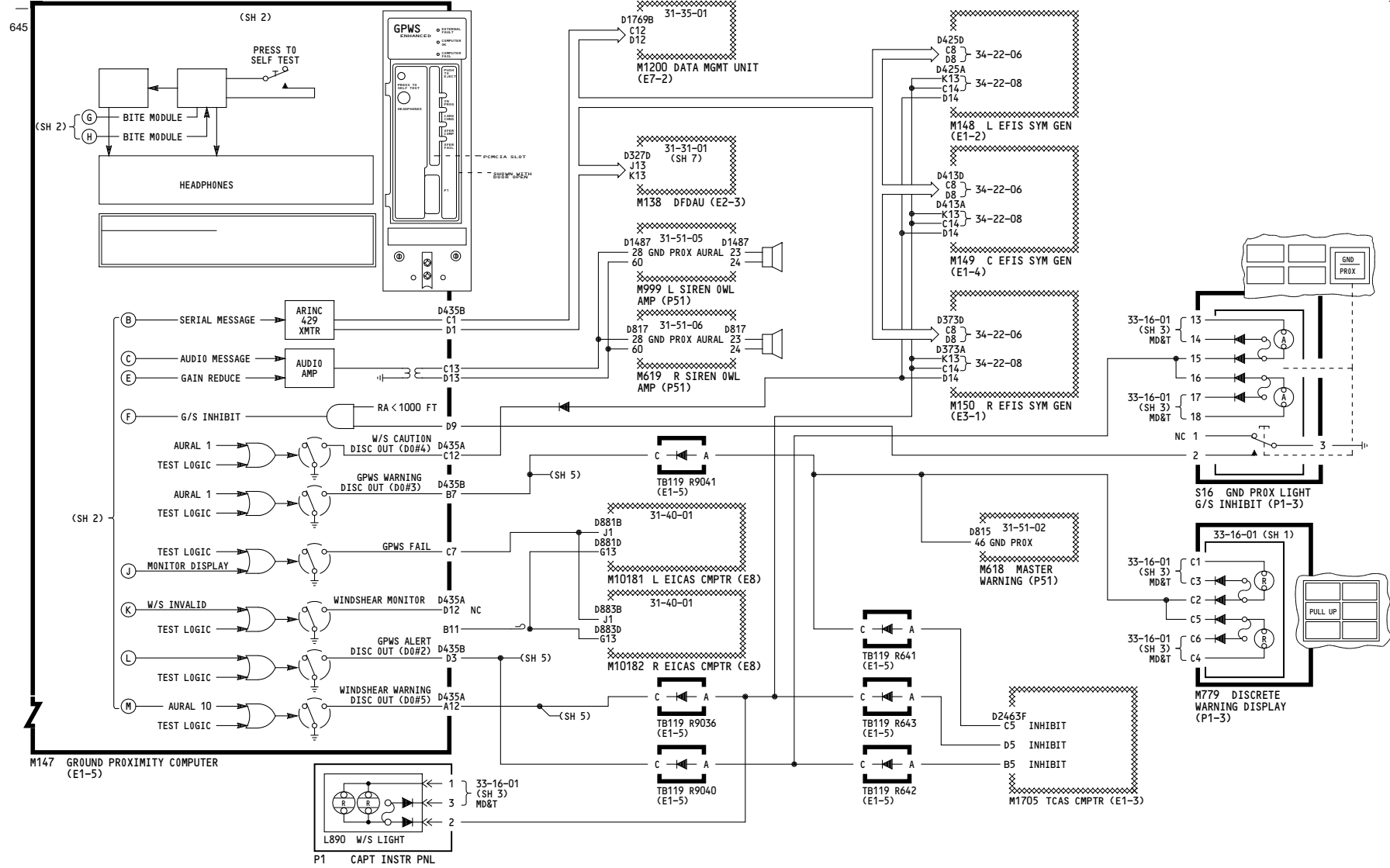
150, 152-154, 275-276

GROUND PROXIMITY WARNING

- Incorporates
- ▶ MTO 340537
- ▶ MTO-340961

34-46-01

D280T232



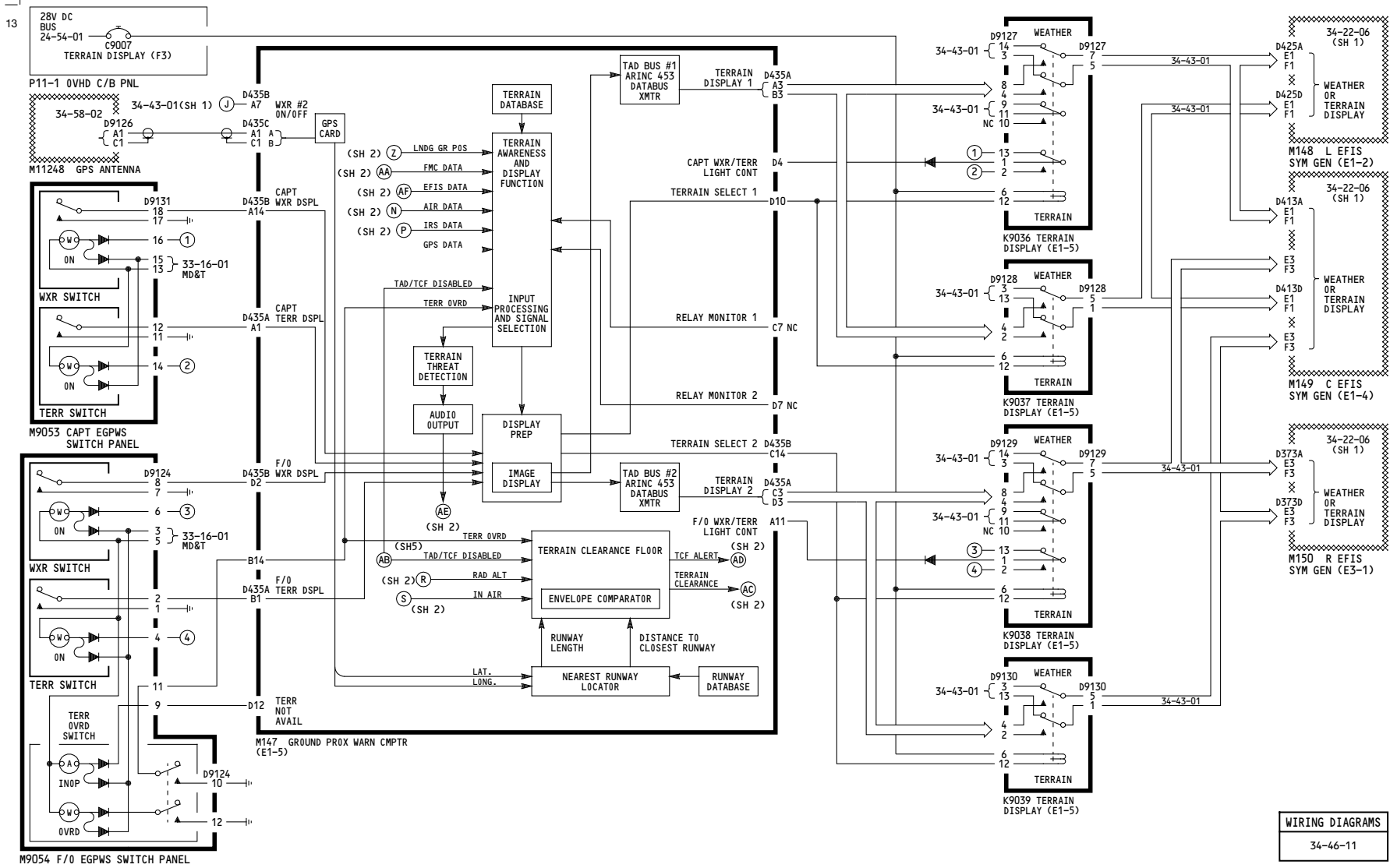
150, 152-154, 275-276

GROUND PROXIMITY WARNING

Incorporates
MTO-340961

D280T232

34-46-01



150, 152-154, 275-276

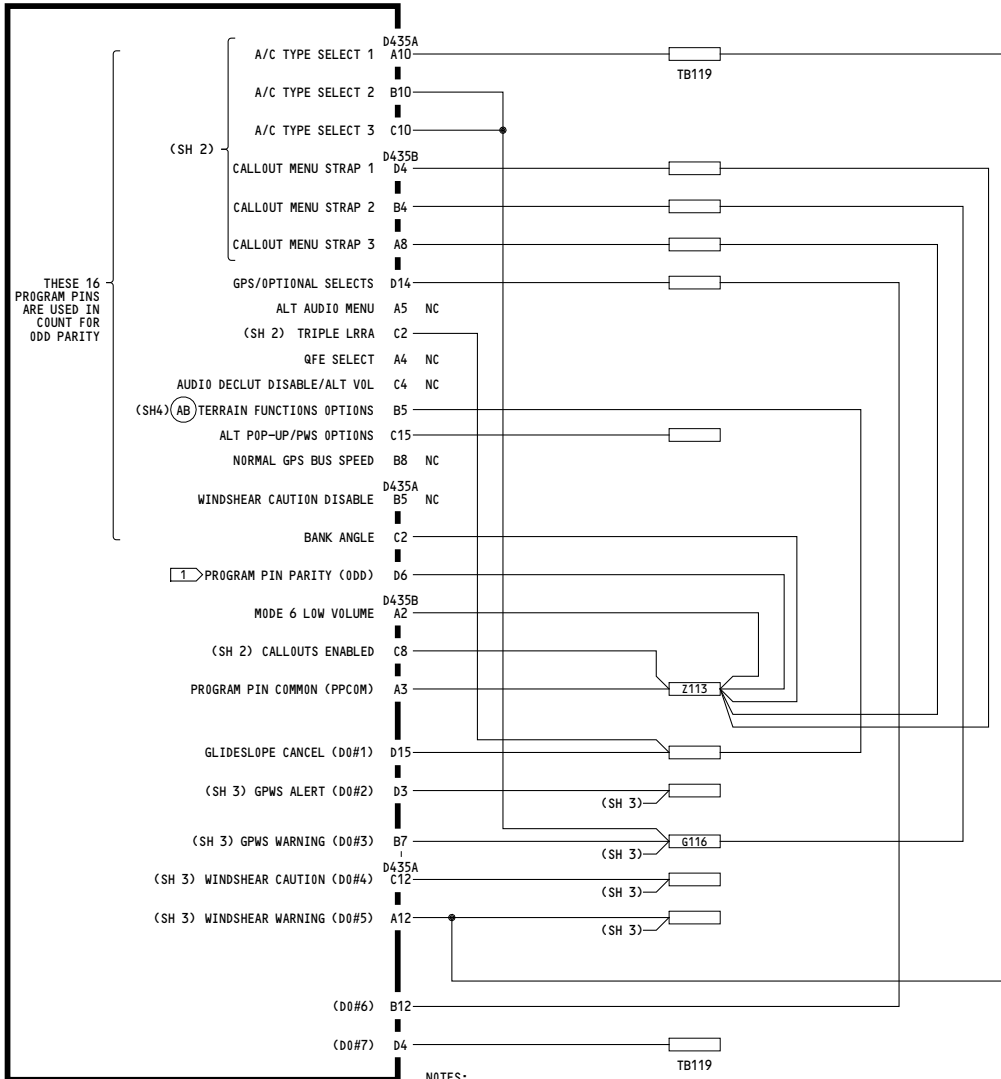
GROUND PROXIMITY WARNING

Incorporates
MTO-340961

D280T232

WIRING DIAGRAMS
34-46-11

34-46-01



M147 GROUND PROXIMITY COMPUTER (E1-5)

NOTES:
 1 PROGRAM PIN MONITORING IS PROVIDED BY A PARITY PIN (D6) WHICH IS TO BE CONNECTED OR NOT TO A3 COM SUCH THAT AN ODD NUMBER OF PROGRAM PINS ARE USED.

150, 152-154, 275-276

GROUND PROXIMITY WARNING

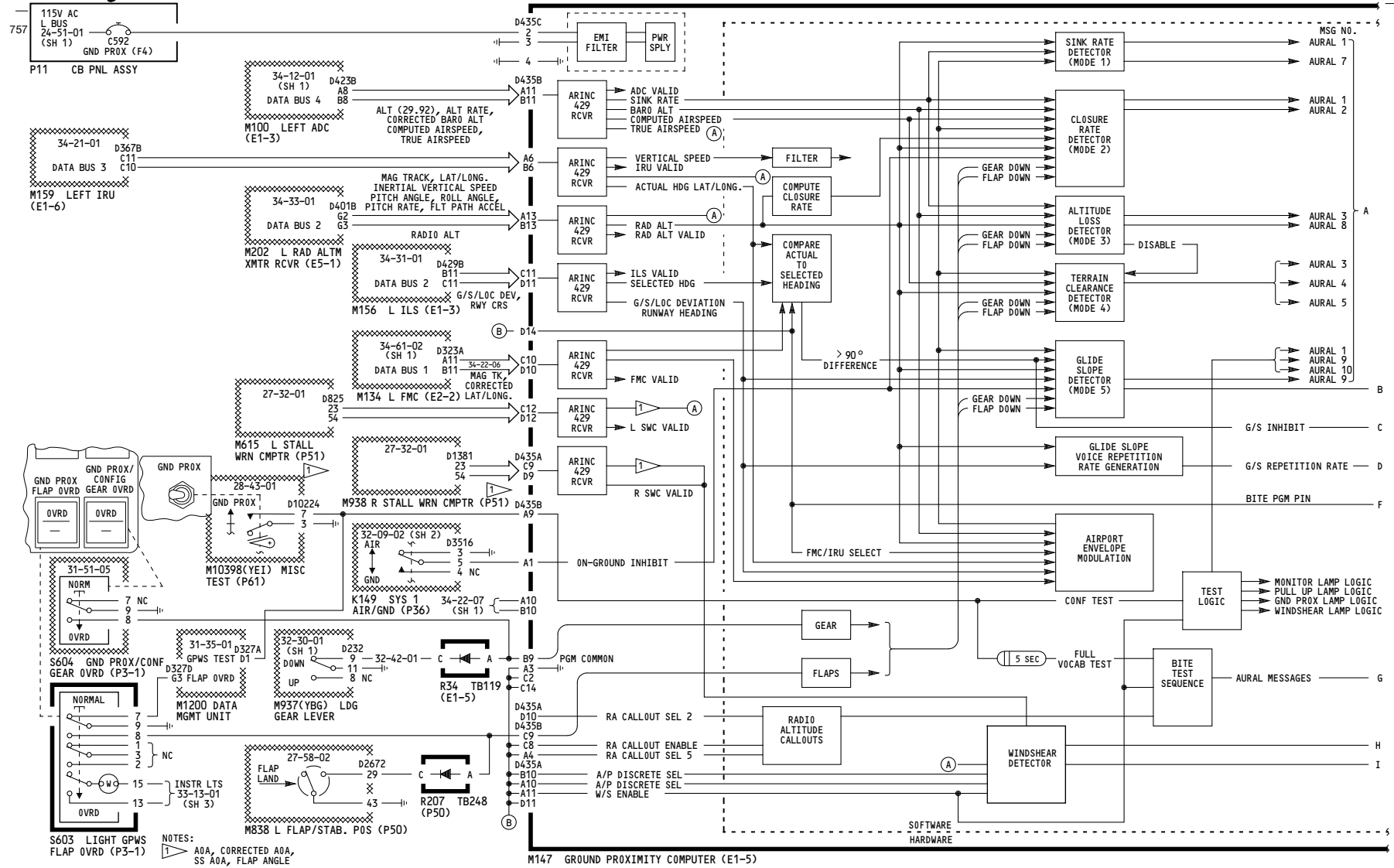
Incorporates
 MTO-340961

D280T232

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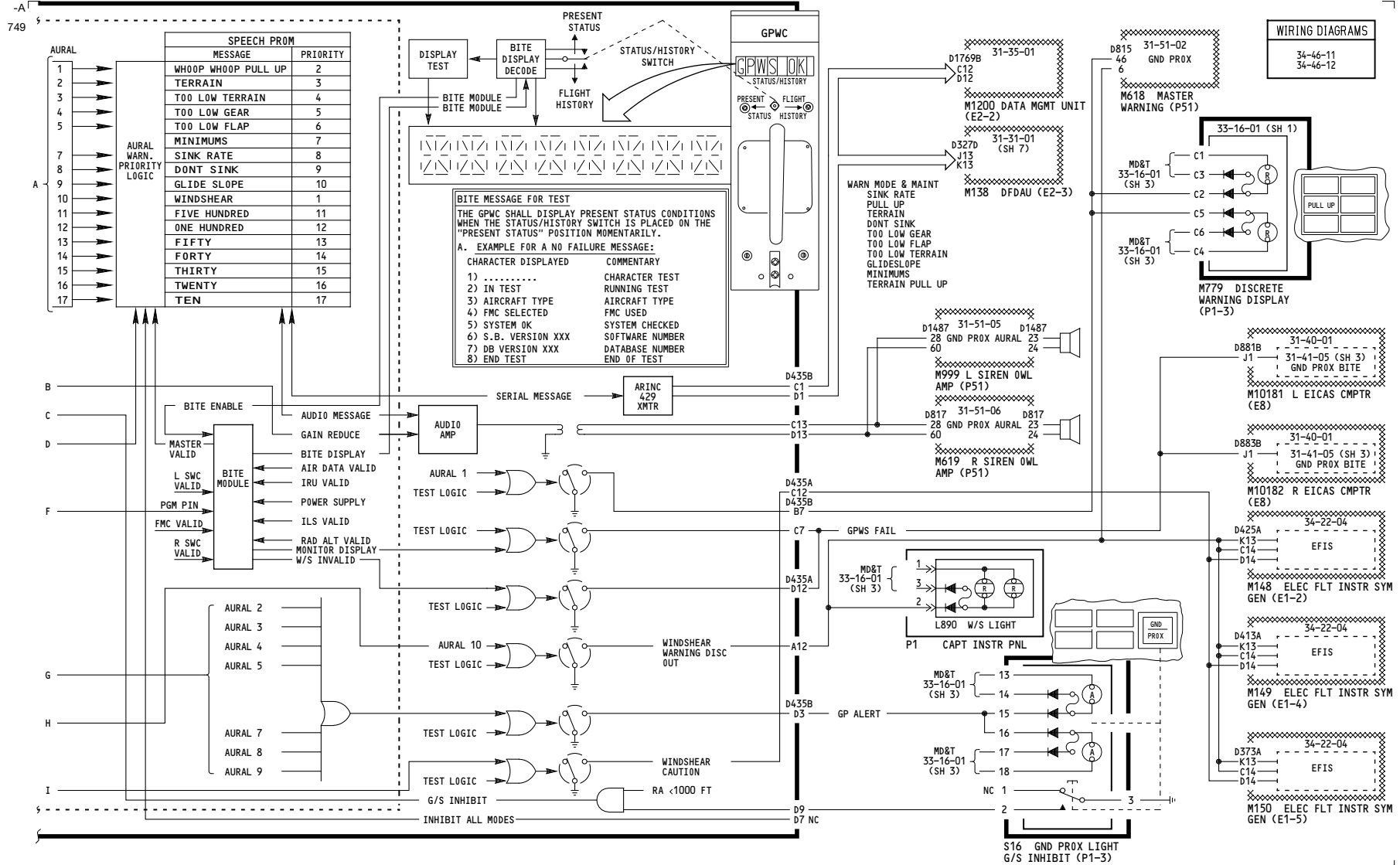
GROUND PROXIMITY WARNING

Incorporates
MTO 340537

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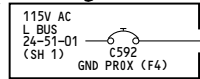
GROUND PROXIMITY WARNING

Incorporates MTO 340537

D280T232

34-46-01

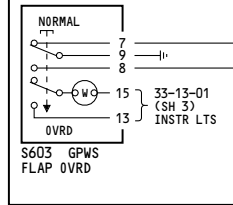
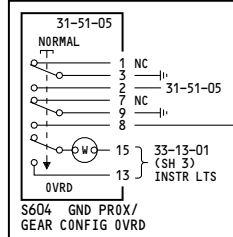
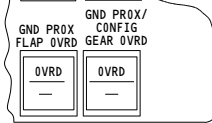
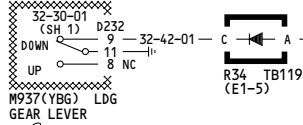
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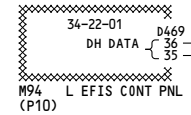
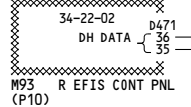
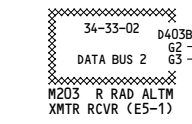
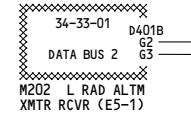
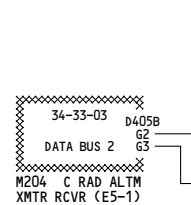
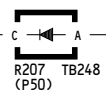
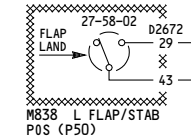
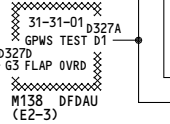
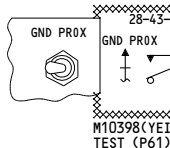
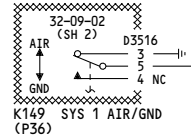
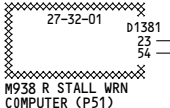
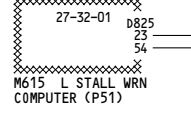
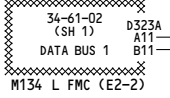
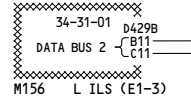
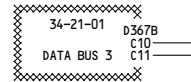
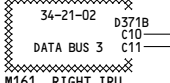
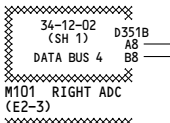
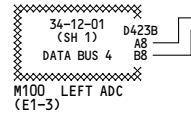
P11-1 CB PNL ASSY

WIRING DIAGRAMS

34-46-11
34-46-12



P3-1 F/O INSTR PNL



A0A, CORR A0A, SS A0A, FLAP ANGLE, M0S

155-166, 277-280

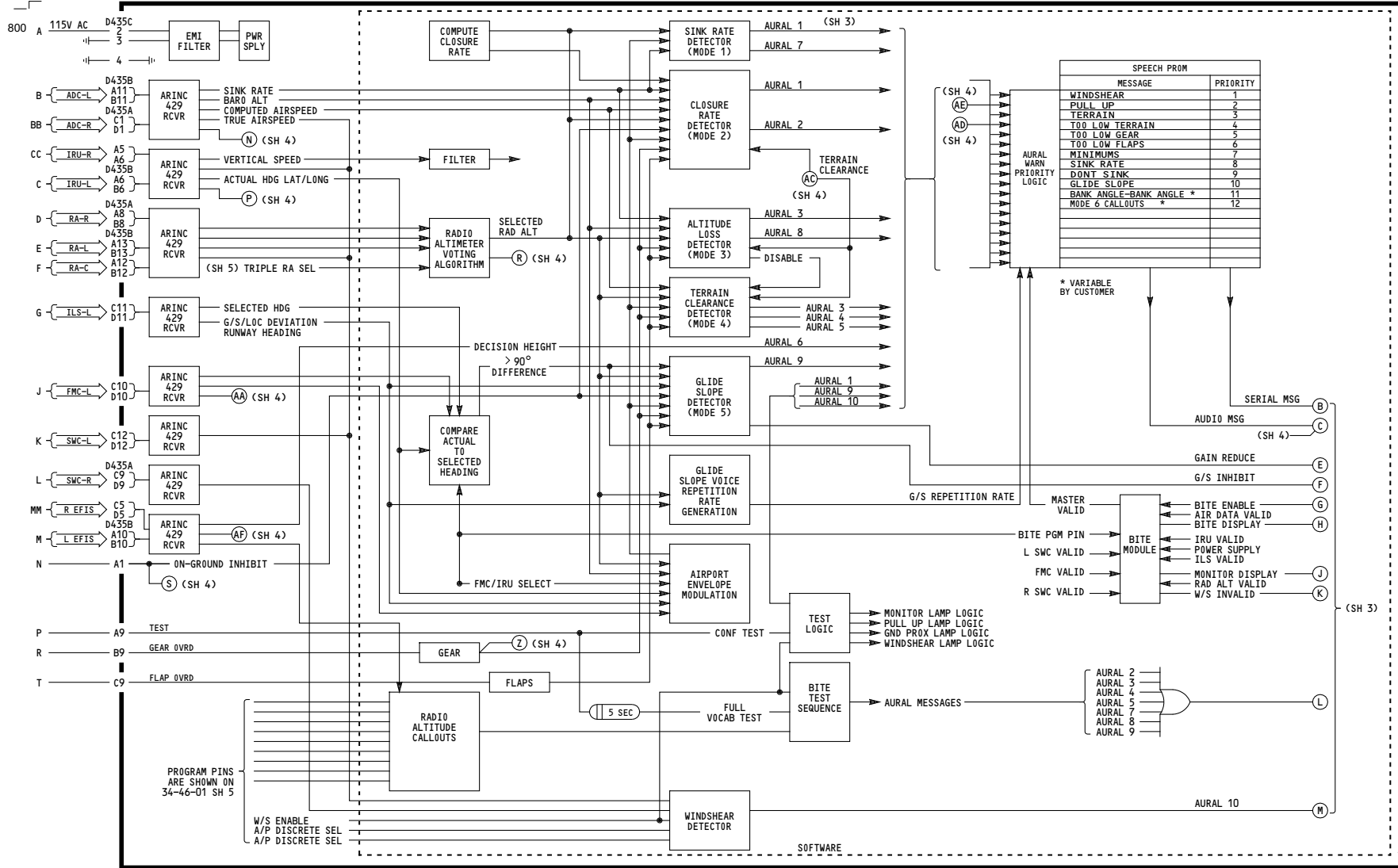
GROUND PROXIMITY WARNING

- ▶ Incorporates
- ▶ MTO 340537 R01
- ▶ MTO-340961

D280T232

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M147 GROUND PROXIMITY COMPUTER (E1-5)

155-166, 277-280

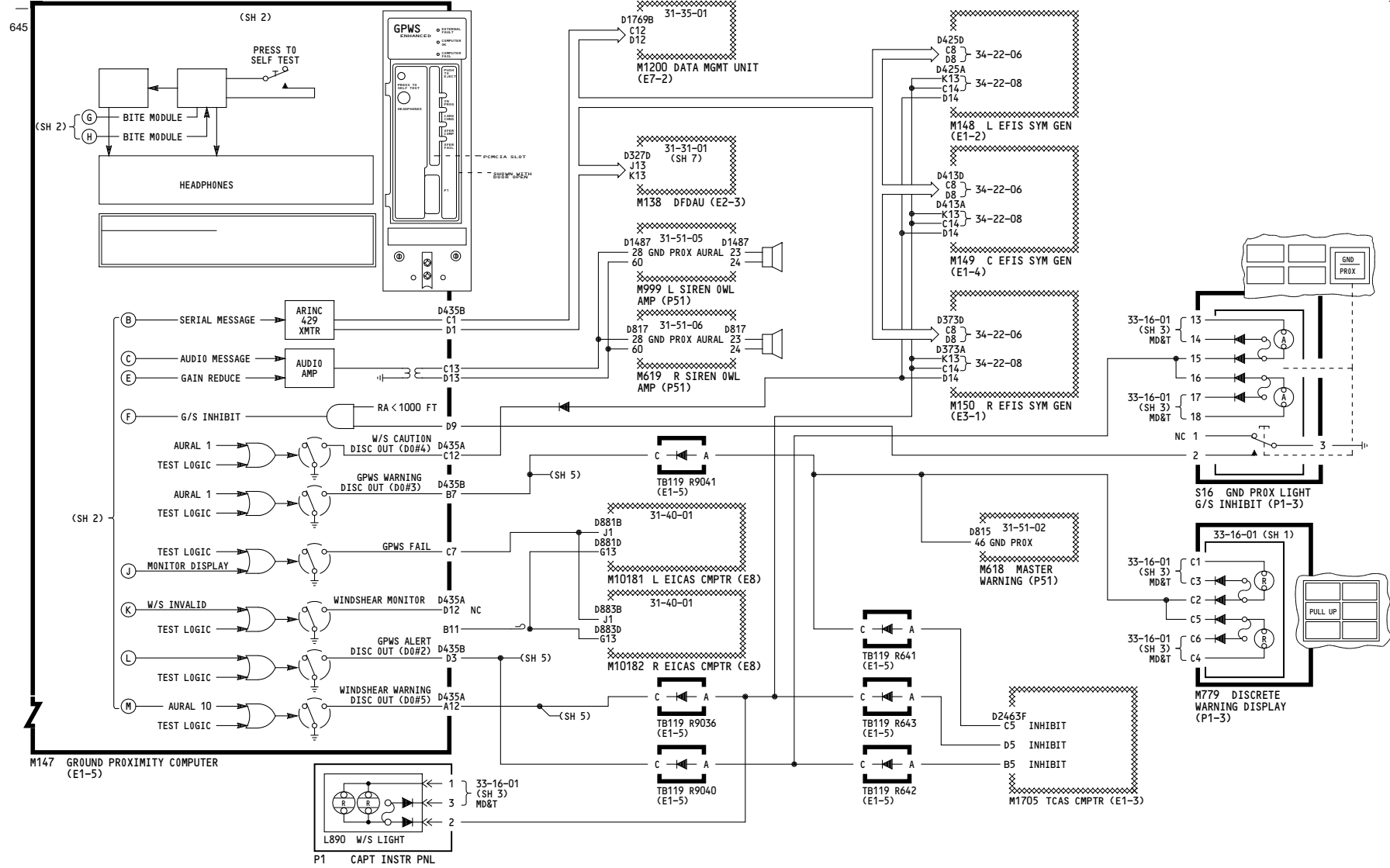
GROUND PROXIMITY WARNING

- ▶ Incorporates
- ▶ MTO 340537 R01
- ▶ MTO-340961

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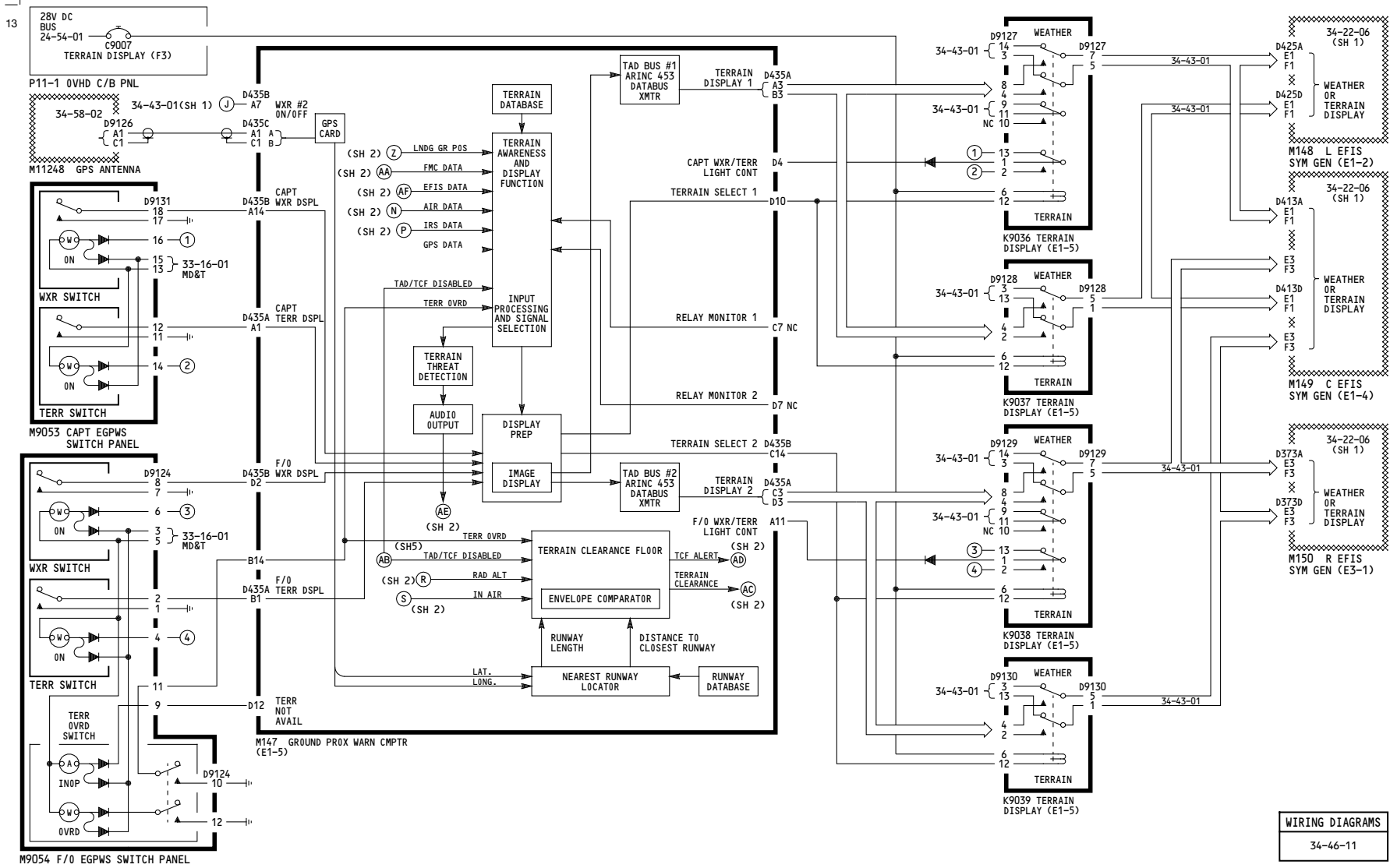
155-166, 277-280

GROUND PROXIMITY WARNING

D280T232

Incorporates
MTO-340961

34-46-01



WIRING DIAGRAMS
34-46-11

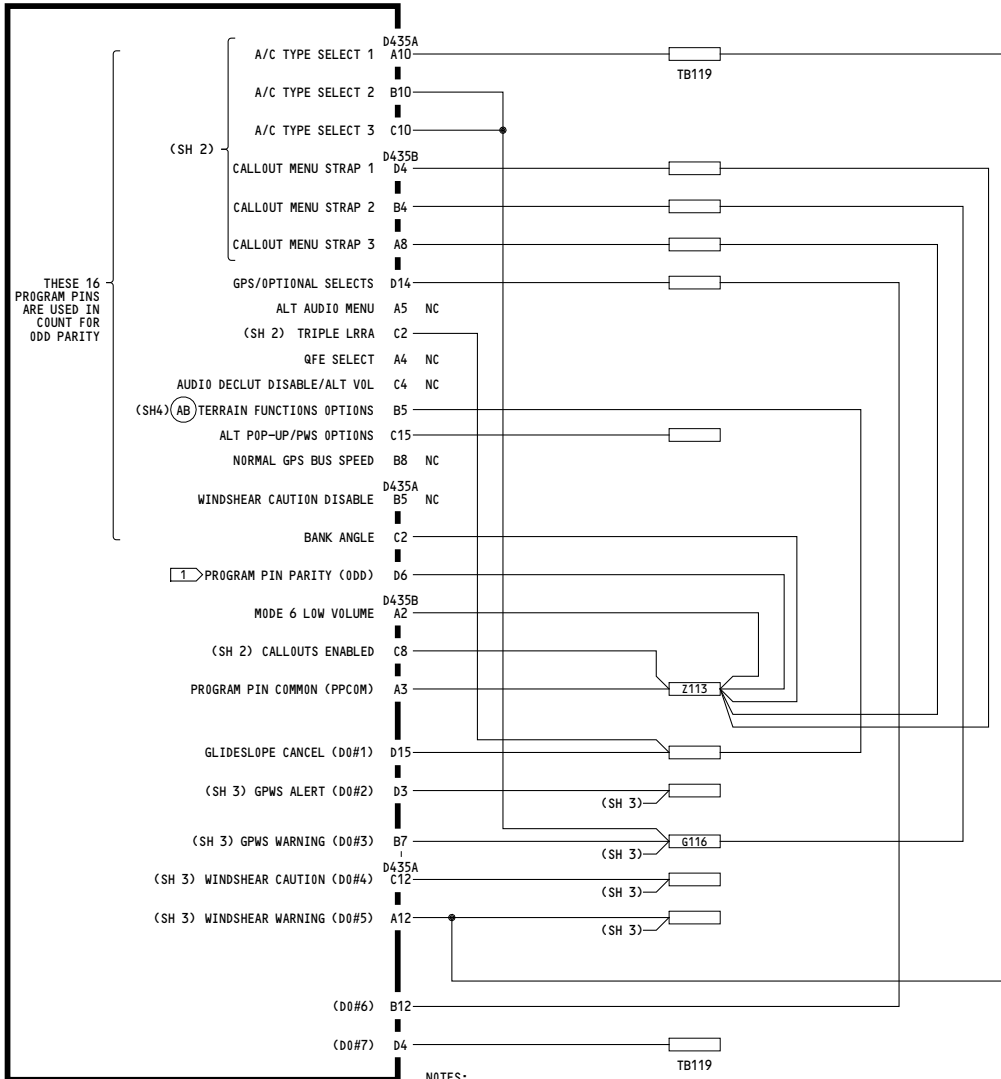
34-46-01

155-166, 277-280

GROUND PROXIMITY WARNING

Incorporates
MTO-340961

D280T232



M147 GROUND PROXIMITY COMPUTER (E1-5)

NOTES:
 1 PROGRAM PIN MONITORING IS PROVIDED BY A PARITY PIN (D6) WHICH IS TO BE CONNECTED OR NOT TO A3 COM SUCH THAT AN ODD NUMBER OF PROGRAM PINS ARE USED.

155-166, 277-280

GROUND PROXIMITY WARNING

Incorporates
 MTO-340961

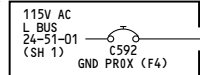
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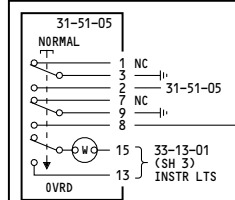
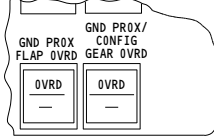
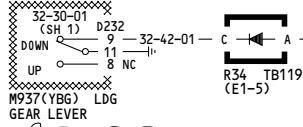
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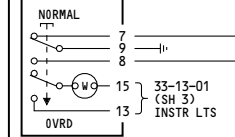
P11-1 CB PNL ASSY

WIRING DIAGRAMS

34-46-11
34-46-12

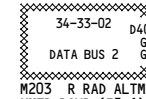
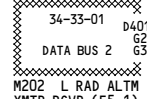
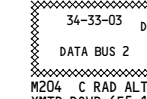
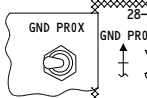
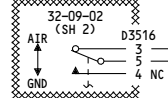
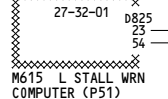
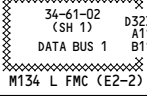
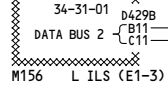
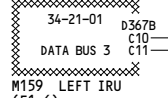
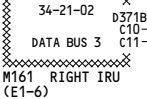
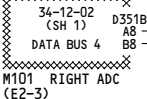
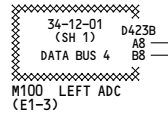


S604 GND PROX/GEAR CONFIG OVRD

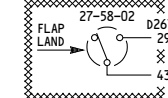
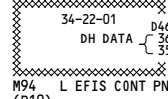
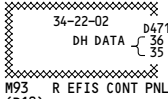


S603 GPWS FLAP OVRD

P3-1 F/O INSTR PNL



A0A, CORR A0A, SS A0A, FLAP ANGLE, M0S



167

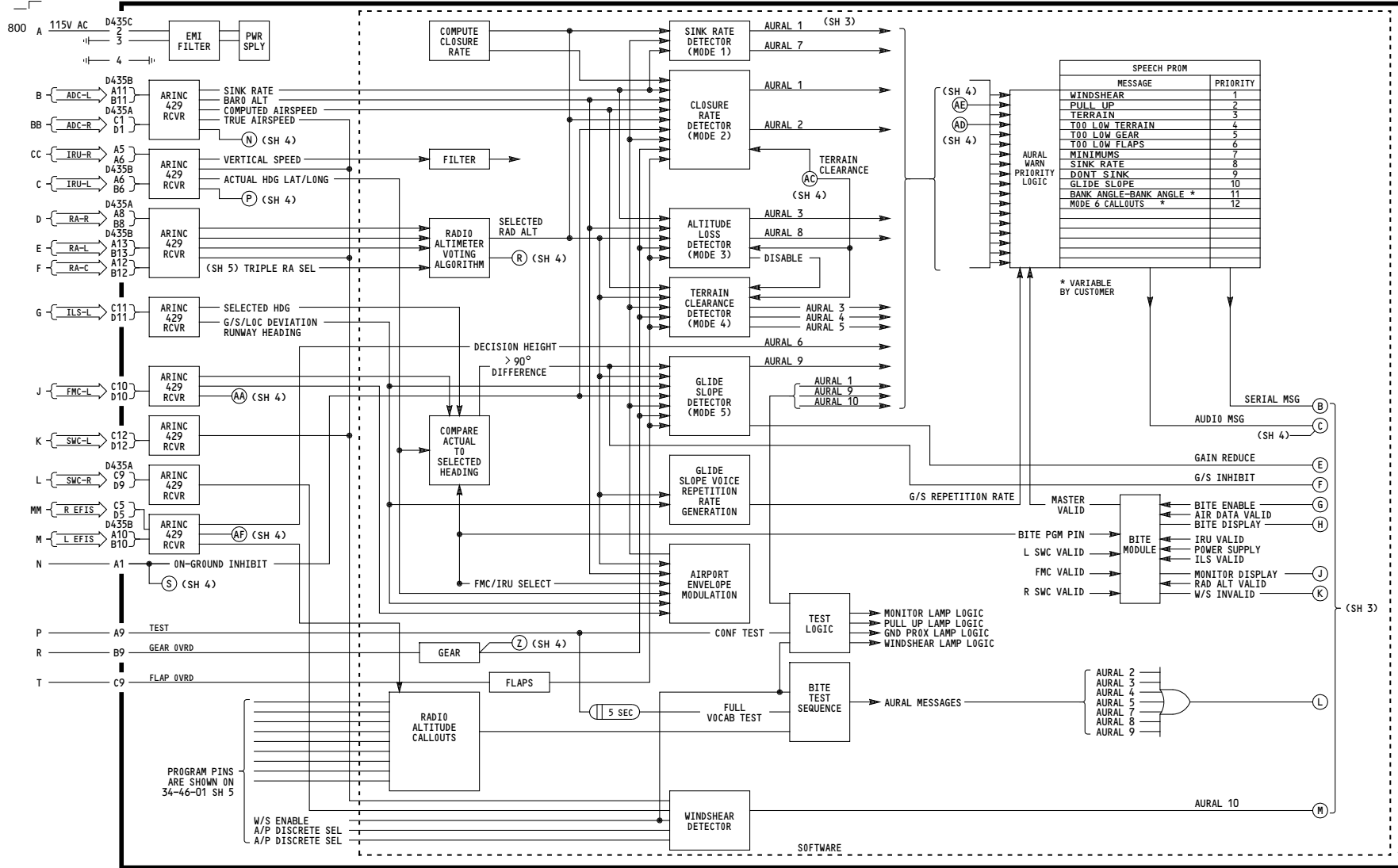
GROUND PROXIMITY WARNING

Incorporates MTO-340961

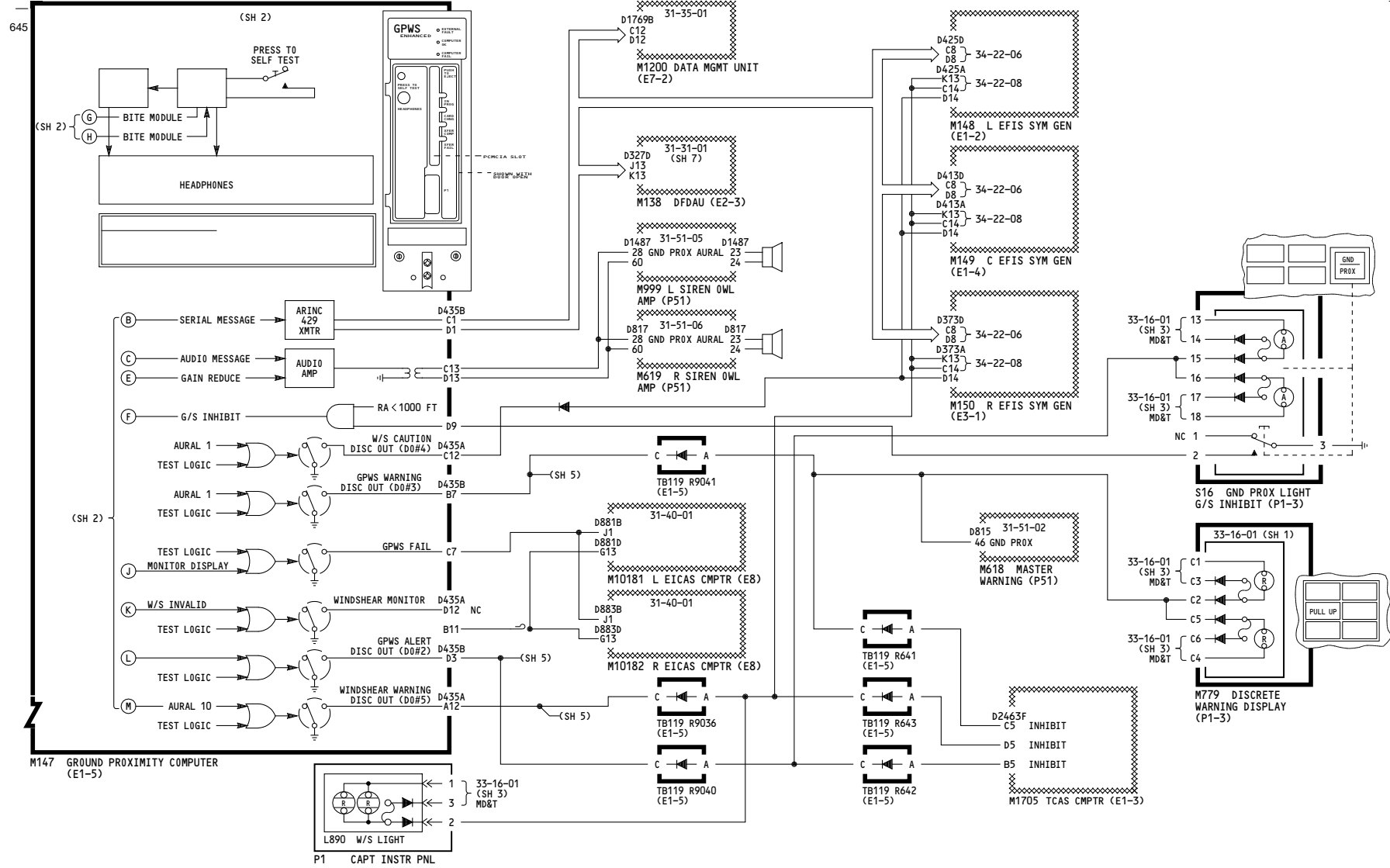
D280T232

34-46-01

Page 105A
Sheet 1
Jan 21/2005

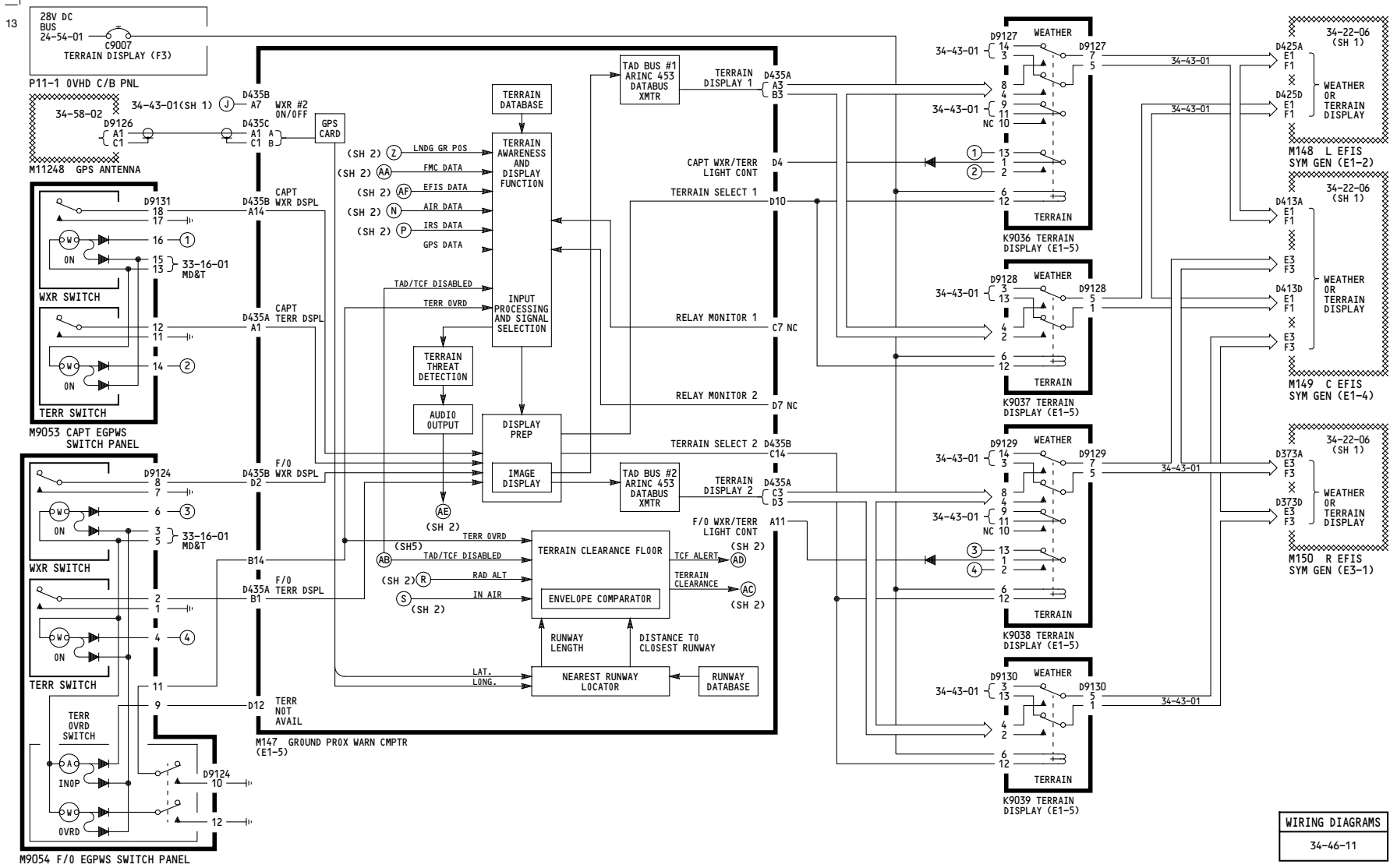


M147 GROUND PROXIMITY COMPUTER (E1-5)



167	<p>GROUND PROXIMITY WARNING</p> <p style="text-align: right;">Incorporates MTO-340961</p>
<p>D280T232</p>	

34-46-01



167

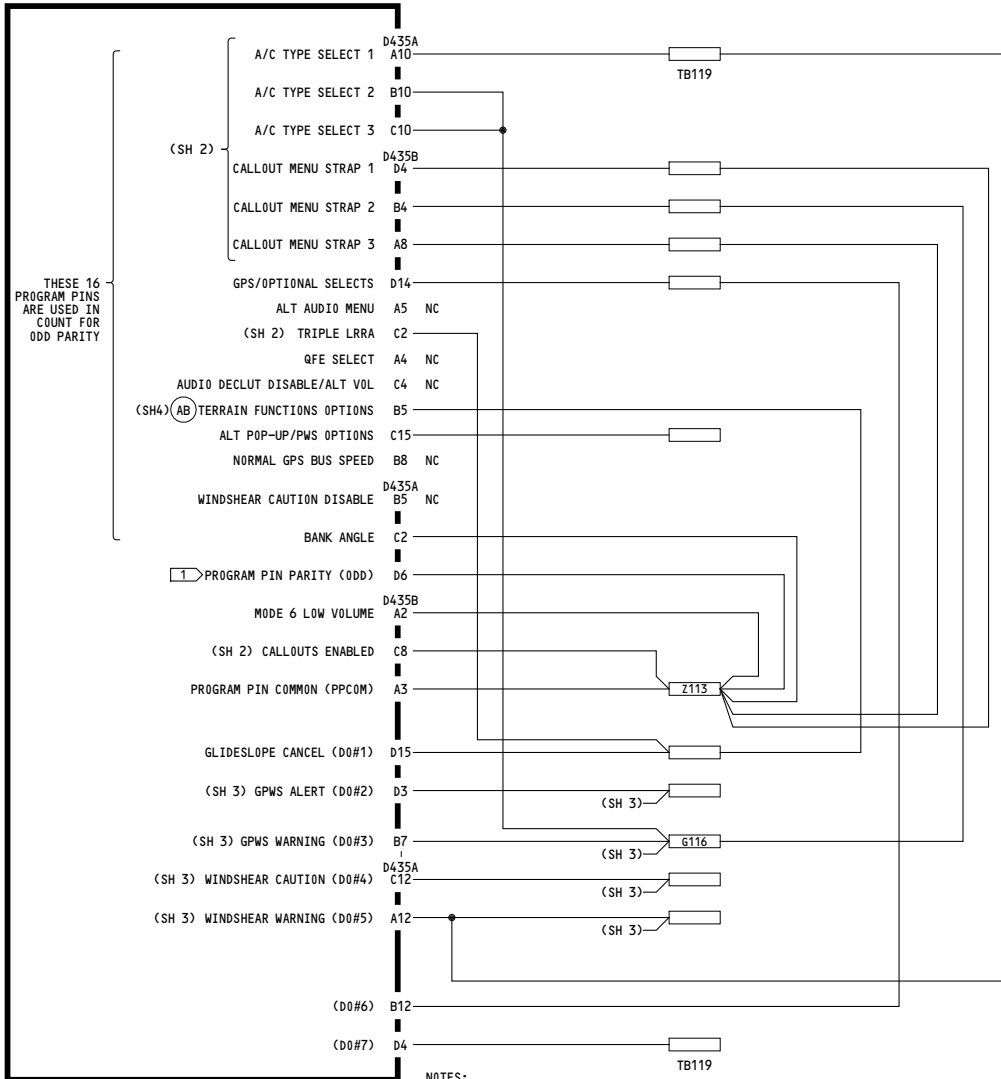
GROUND PROXIMITY WARNING

Incorporates
MTO-340961

D280T232

WIRING DIAGRAMS
34-46-11

34-46-01



M147 GROUND PROXIMITY COMPUTER (E1-5)

NOTES:
 1 PROGRAM PIN MONITORING IS PROVIDED BY A PARITY PIN (D6) WHICH IS TO BE CONNECTED OR NOT TO A3 COM SUCH THAT AN ODD NUMBER OF PROGRAM PINS ARE USED.

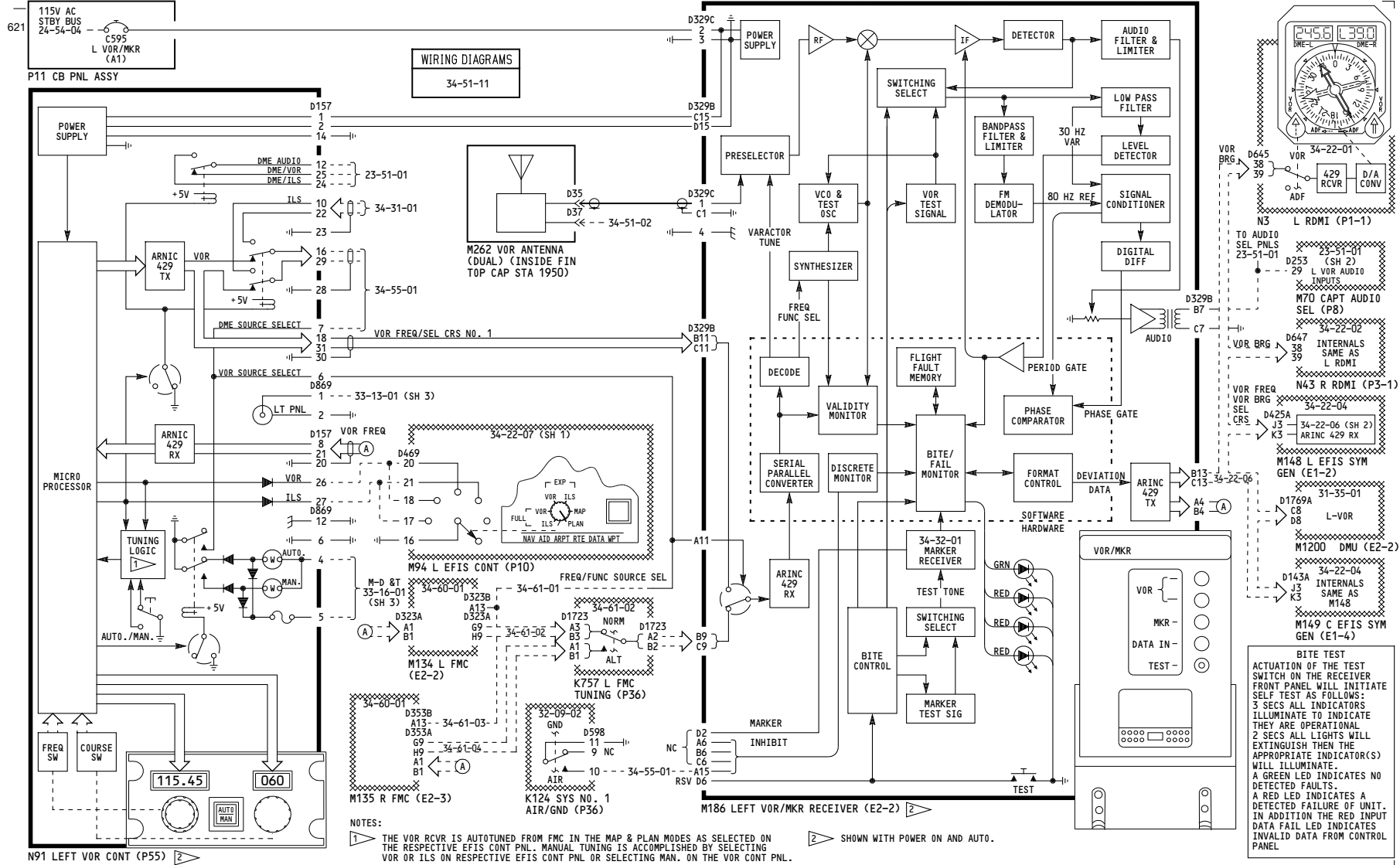
GROUND PROXIMITY WARNING

Incorporates
 MTO-340961

D280T232

34-46-01

Page 105A
 Sheet 5
 Jan 21/2005

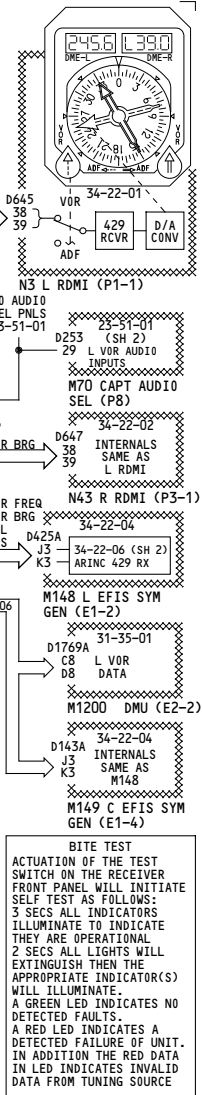
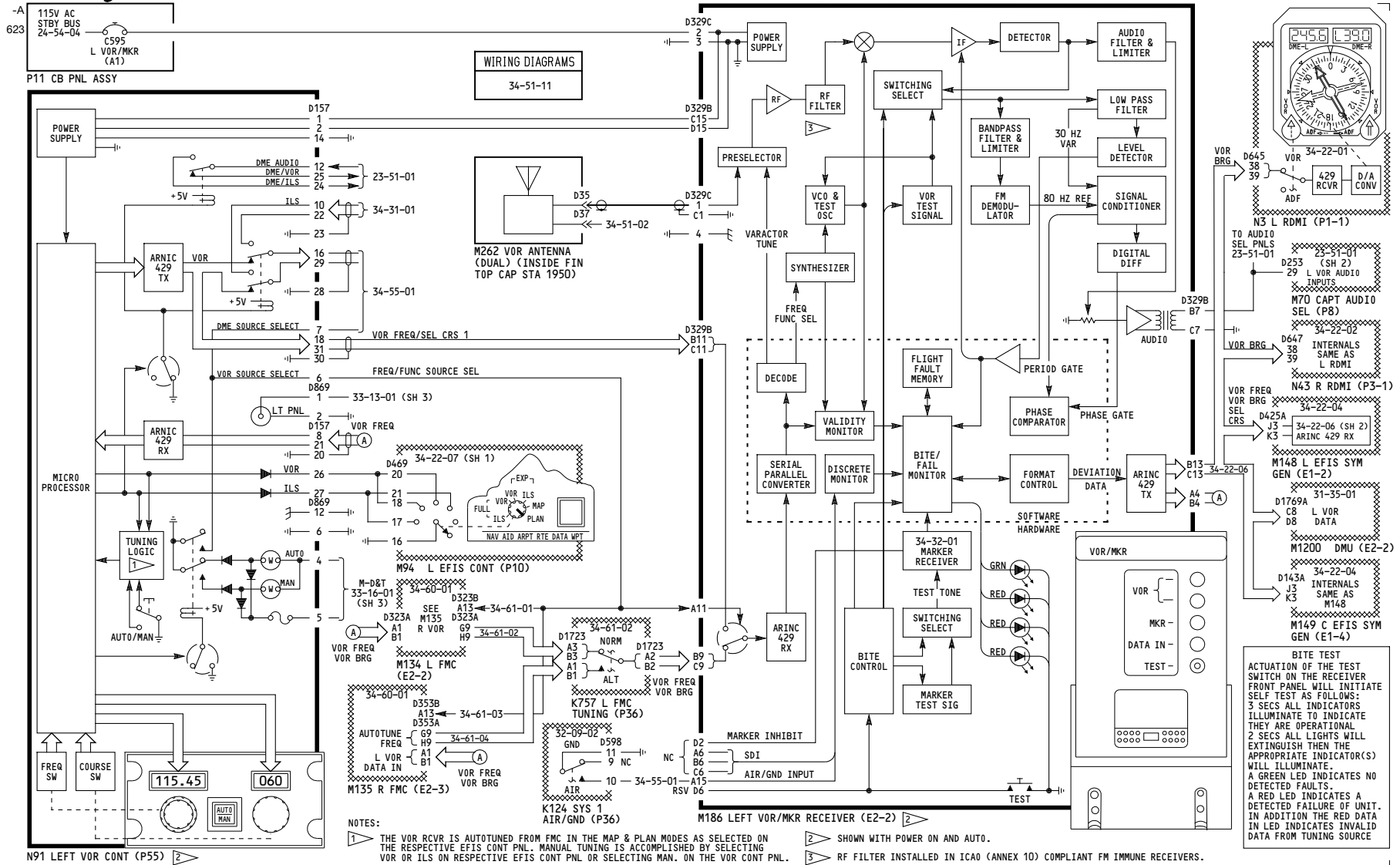


050-099, 150-199

VHF OMNI-RANGE (VOR)-LEFT

D280T232

34-51-01



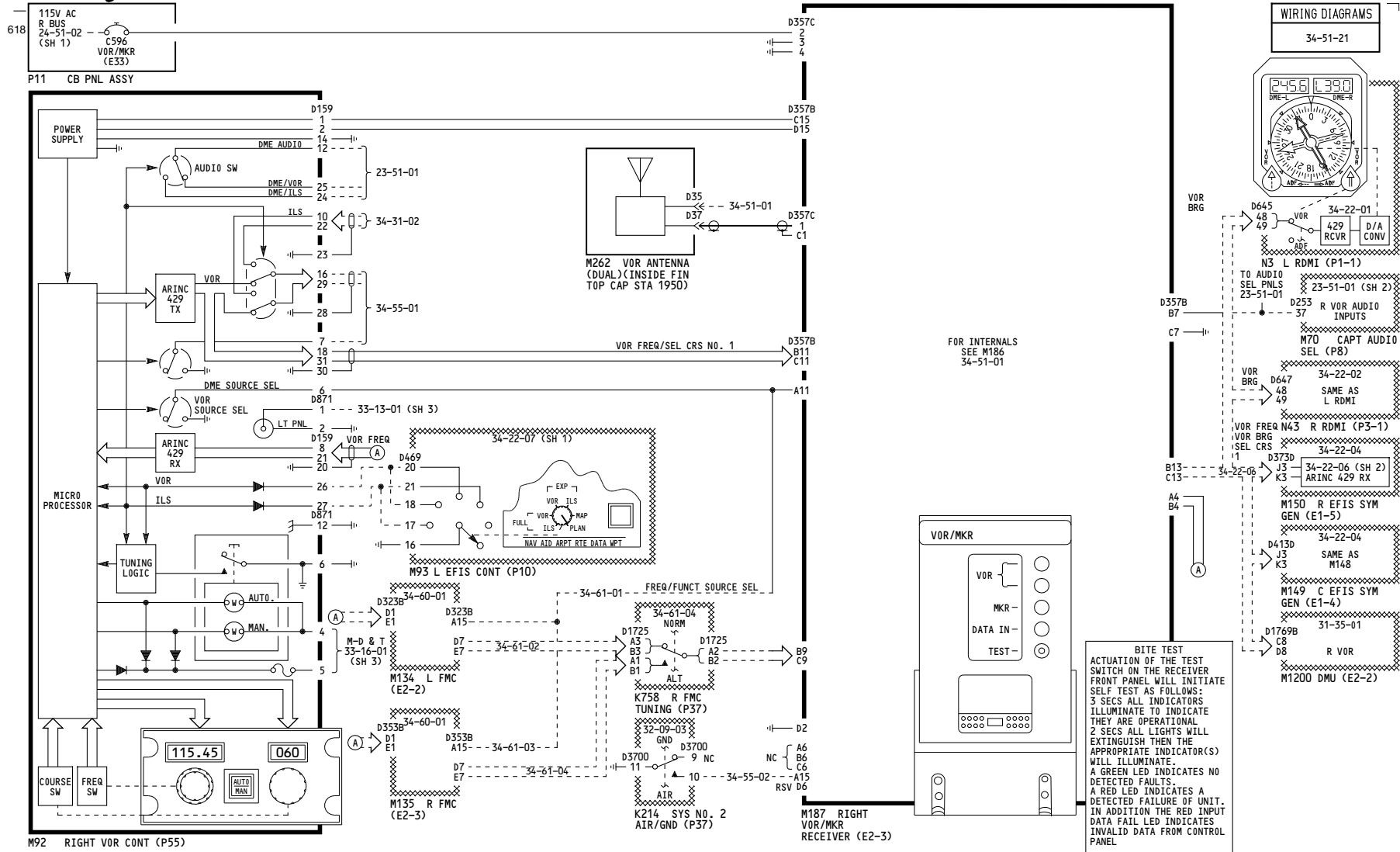
BITE TEST
ACTUATION OF THE TEST SWITCH ON THE RECEIVER FRONT PANEL WILL INITIATE SELF TEST AS FOLLOWS:
3 SECS ALL INDICATORS ILLUMINATE TO INDICATE THEY ARE OPERATIONAL
2 SECS ALL LIGHTS WILL EXTINGUISH THEN THE APPROPRIATE INDICATOR(S) WILL ILLUMINATE.
A GREEN LED INDICATES NO DETECTED FAULTS.
A RED LED INDICATES A DETECTED FAILURE OF UNIT. IN ADDITION THE RED DATA IN LED INDICATES INVALID DATA FROM TUNING SOURCE

275-299

VHF OMNI-RANGE (VOR)-LEFT

34-51-01

D280T232



050-099, 150-199

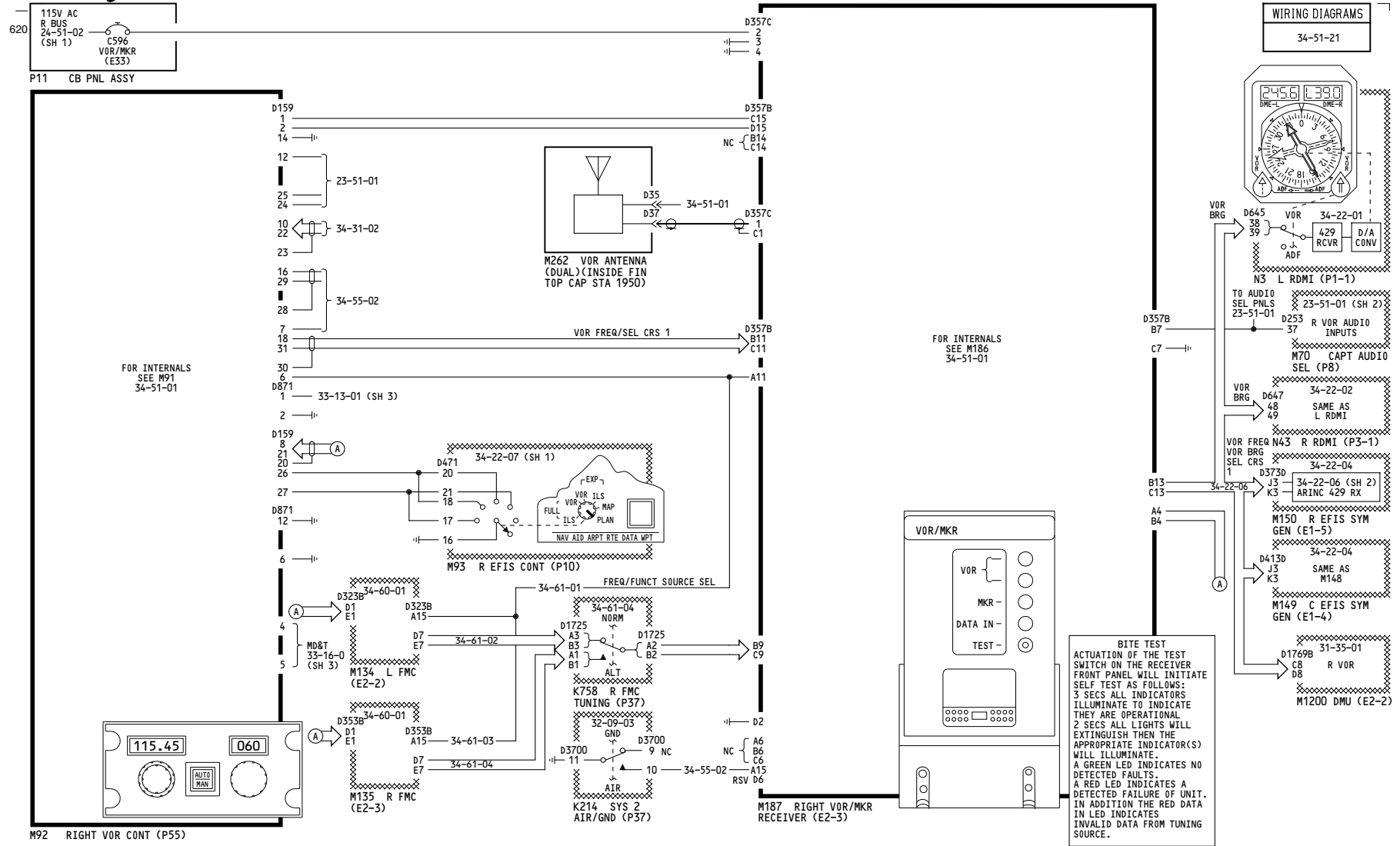
VHF OMNI-RANGE (VOR)-RIGHT

D280T232

34-51-02

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275-299

VHF OMNI-RANGE (VOR)-RIGHT

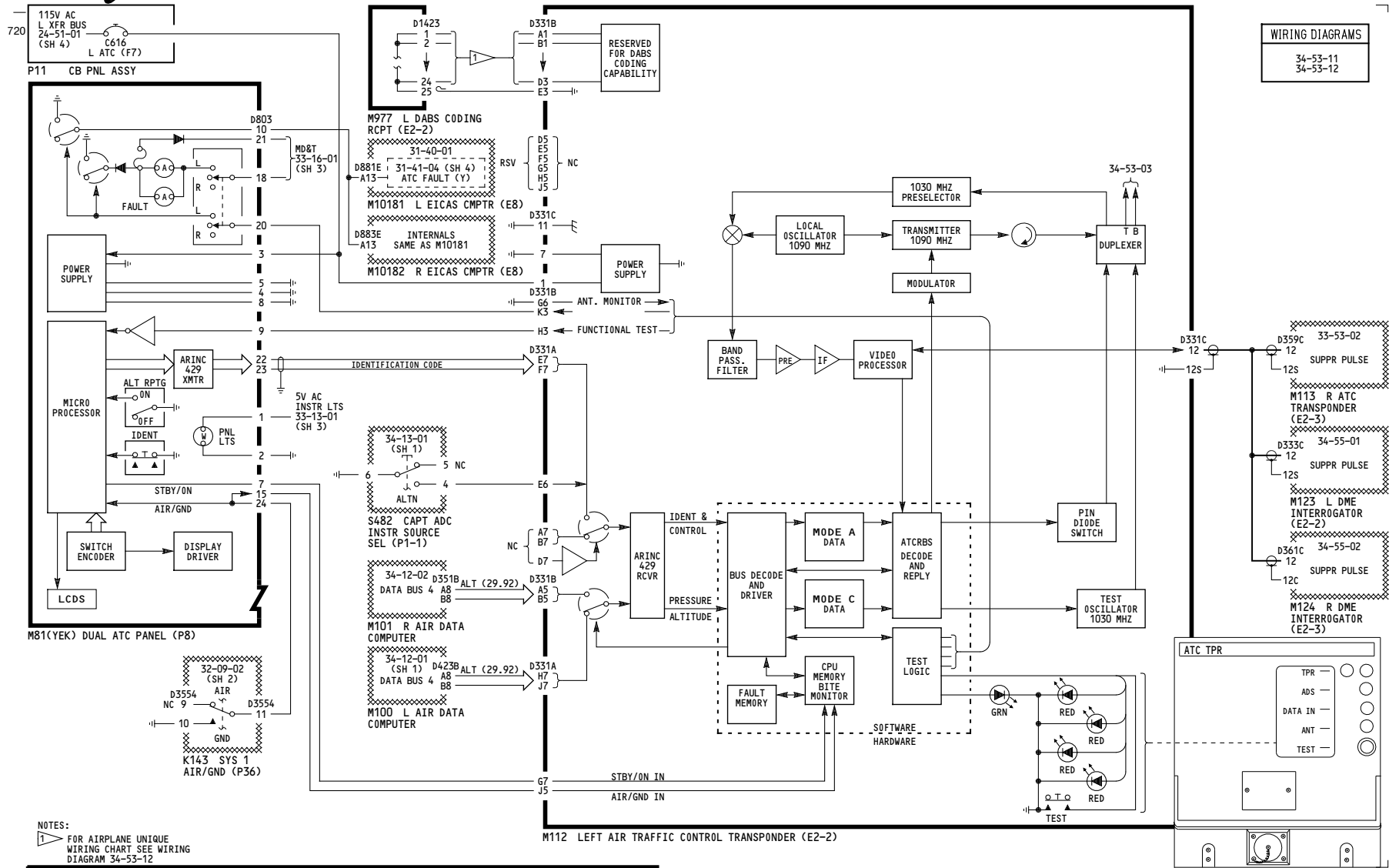
D280T232

34-51-02

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WIRING DIAGRAMS
34-53-11
34-53-12



NOTES:
FOR AIRPLANE UNIQUE WIRING CHART SEE WIRING DIAGRAM 34-53-12

050-051, 155, 162-165

AIR TRAFFIC CONTROL SYSTEM-LEFT

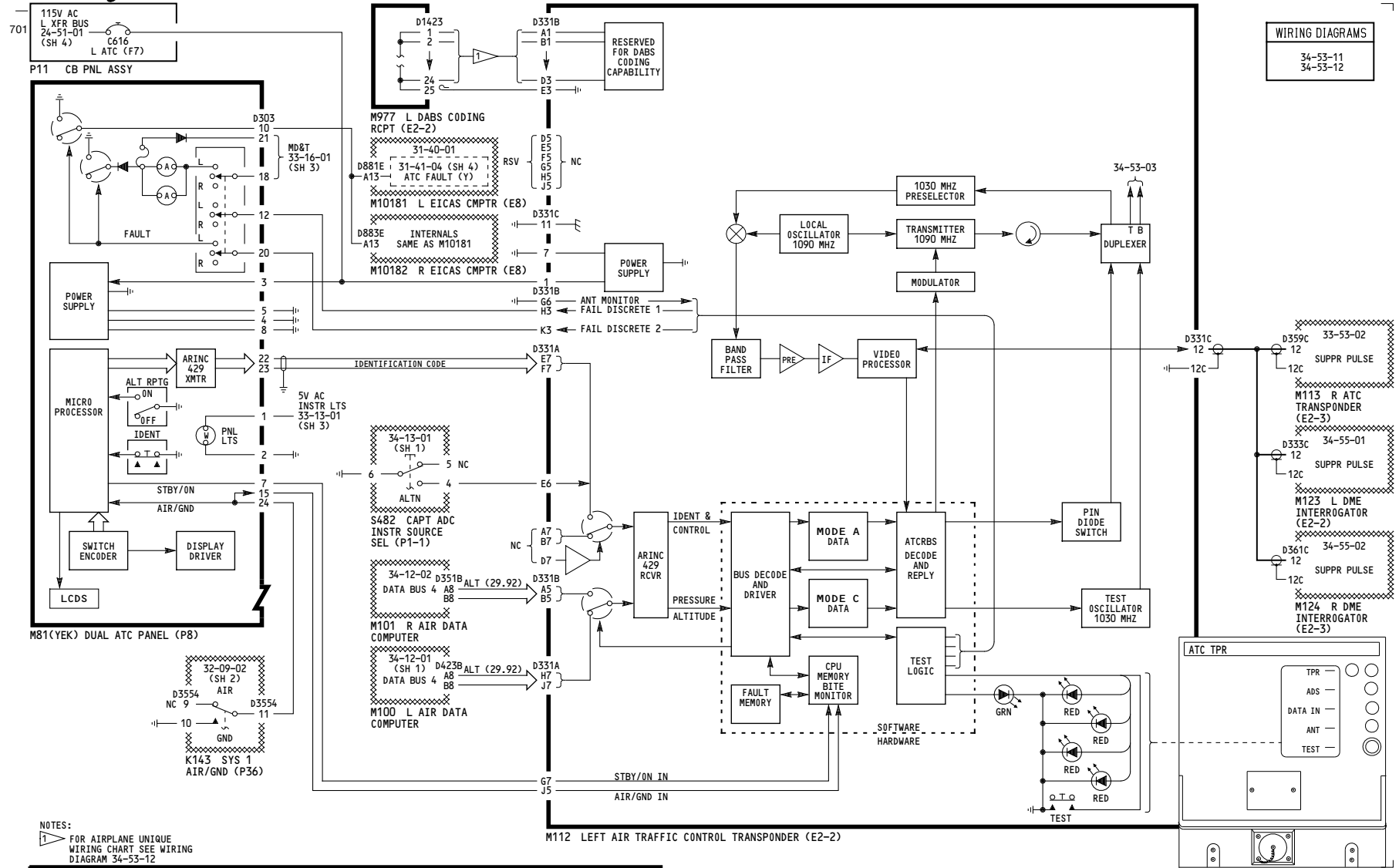
D280T232

Incorporates
24-0069 R03

34-53-01

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WIRING DIAGRAMS
34-53-11
34-53-12

NOTES:
1. FOR AIRPLANE UNIQUE WIRING CHART SEE WIRING DIAGRAM 34-53-12

150-152

AIR TRAFFIC CONTROL SYSTEM-LEFT

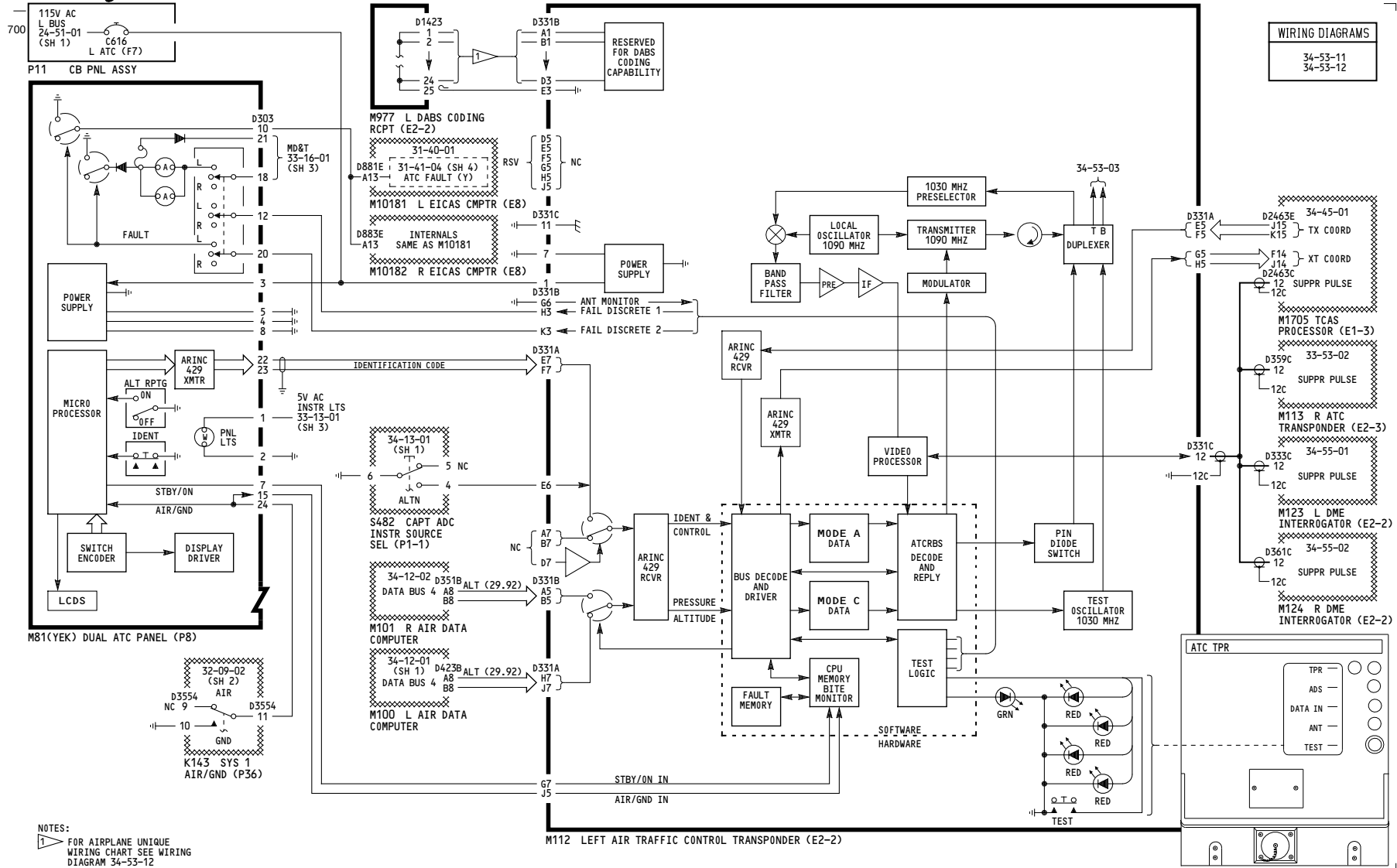
D280T232

- Incorporates
- ▶ 24-0069 R03
 - ▶ 34-0082
 - ▶ 34-0091 R01

34-53-01

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Jan 21/2005



153-154

AIR TRAFFIC CONTROL SYSTEM-LEFT

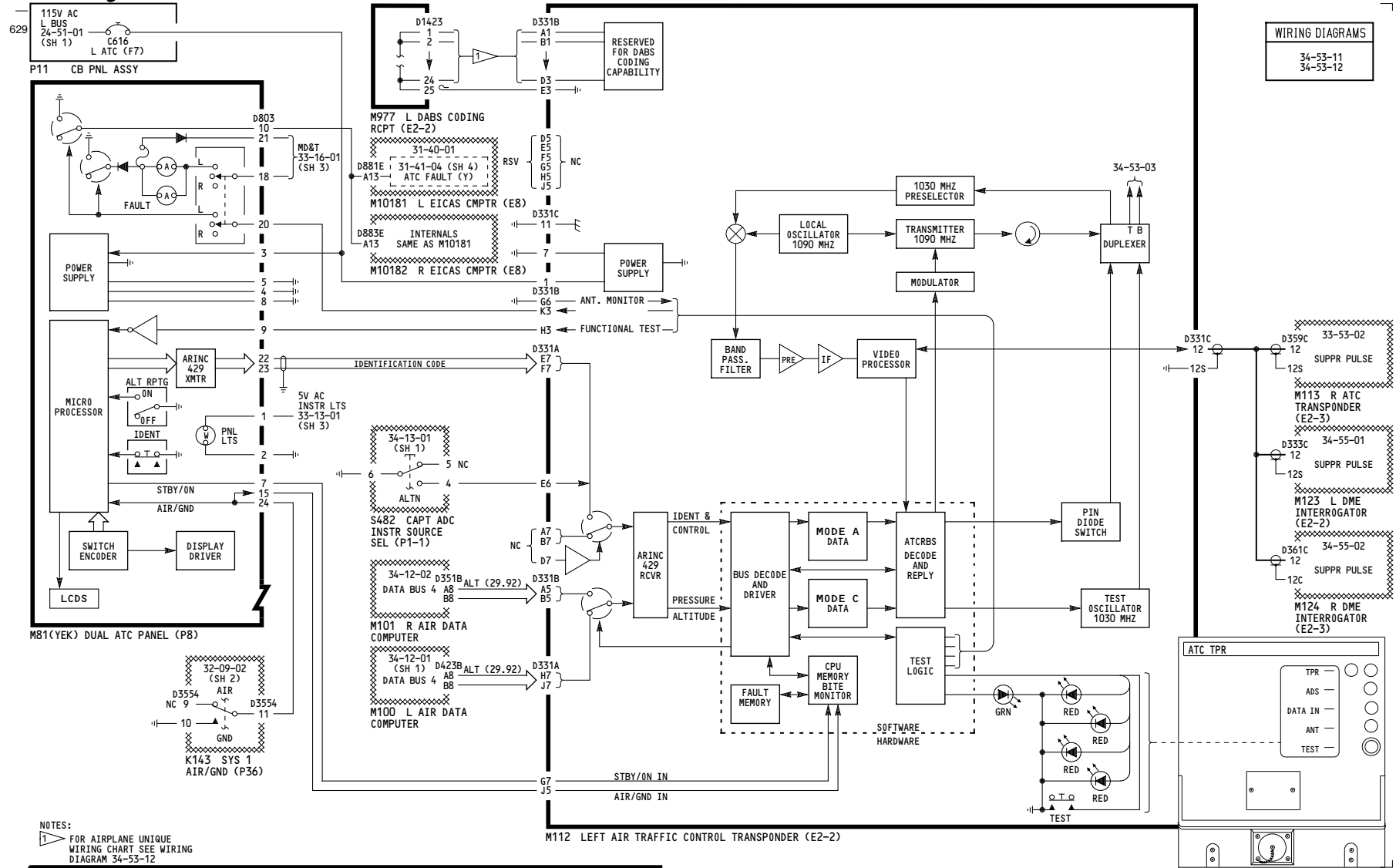
- Incorporates
- ▶ 34-0082
- ▶ MTO 340652 R01

D280T232

34-53-01

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Jan 21/2005

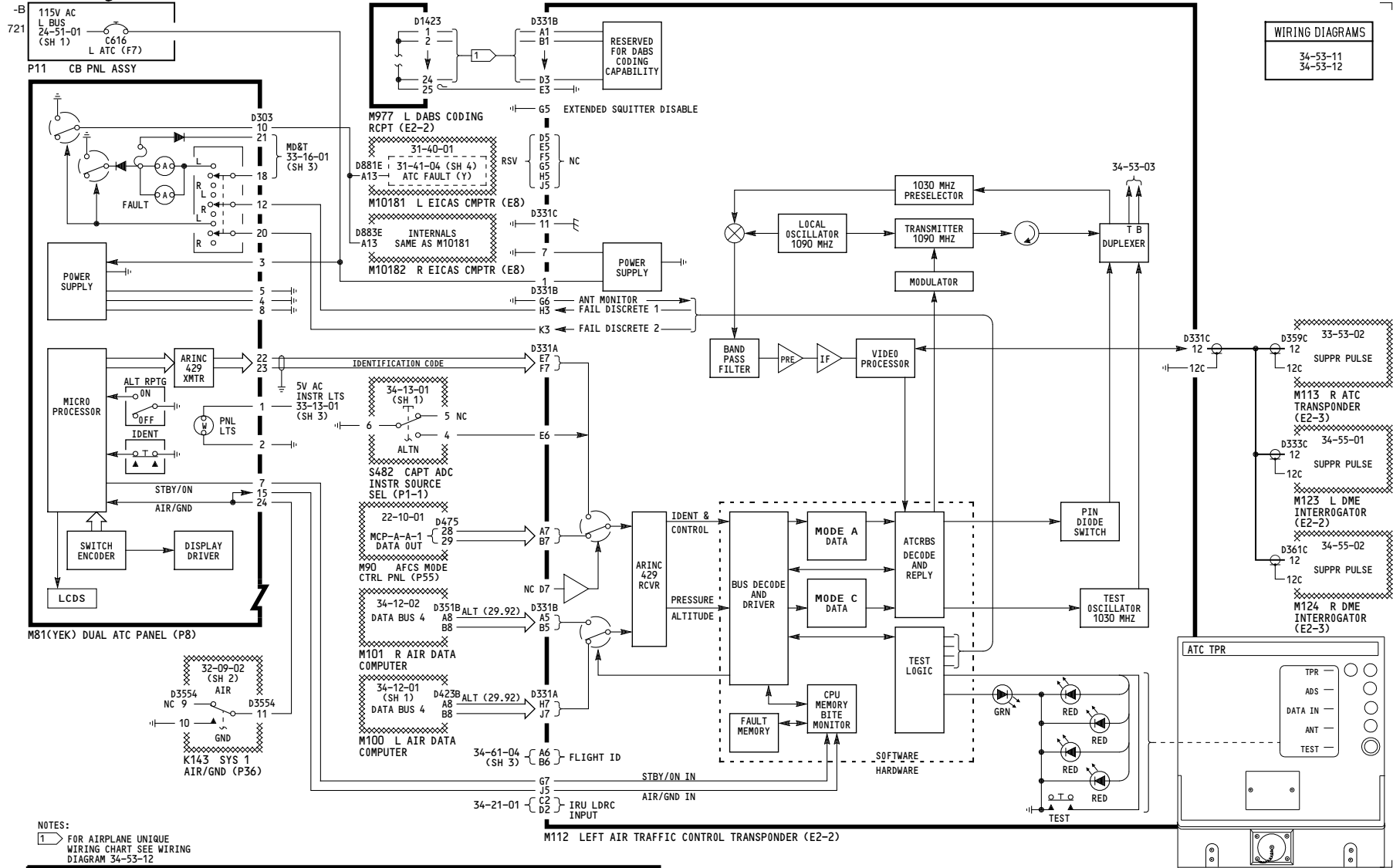


156-157, 166-199

AIR TRAFFIC CONTROL SYSTEM-LEFT

D280T232

34-53-01



275-276

AIR TRAFFIC CONTROL SYSTEM-LEFT

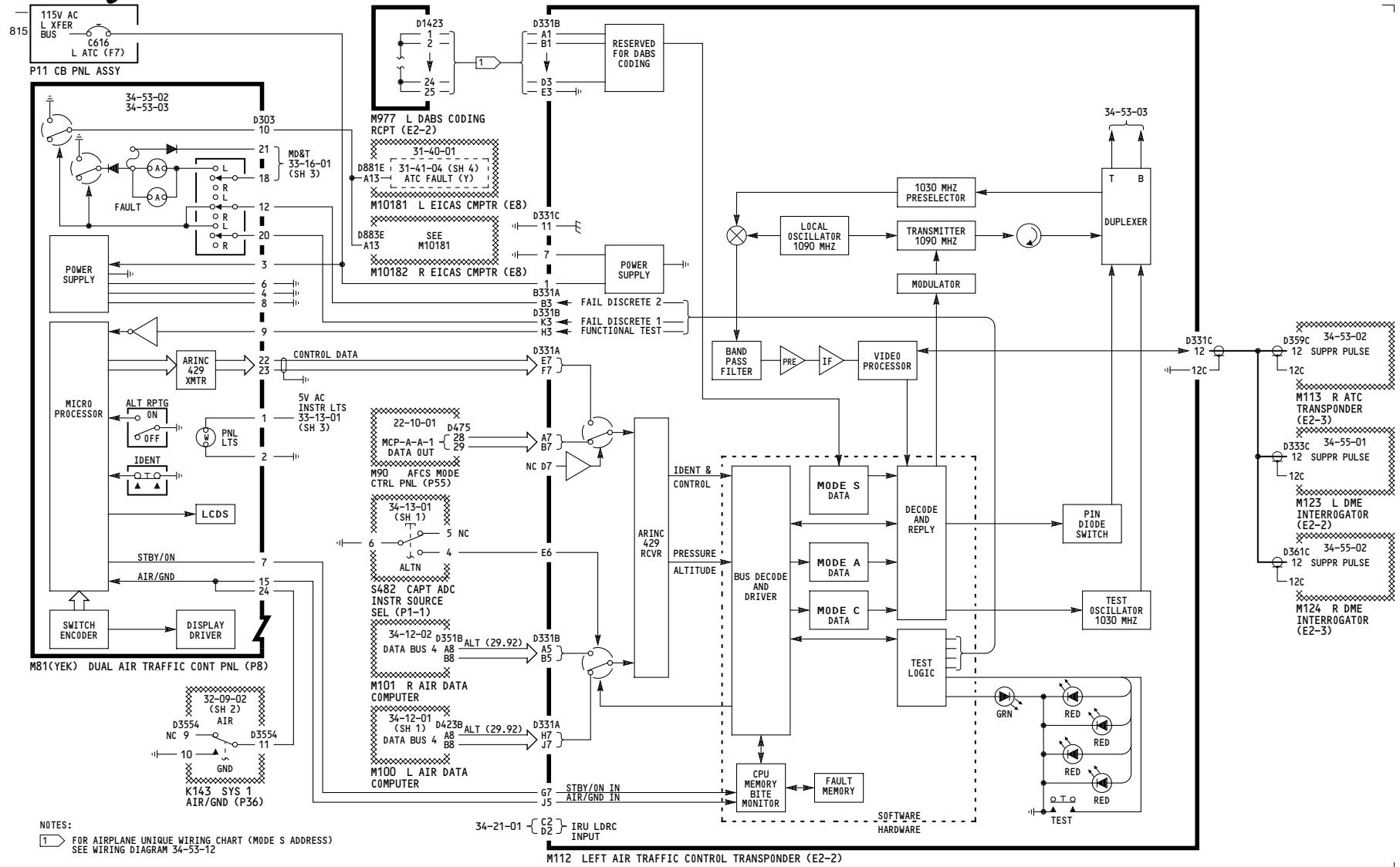
- Incorporates
- 34-0091 R01
- ECO EB34-0360-02
- EOC EB34-0359-02

D280T232

34-53-01

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Mar 14/2007



277-280

AIR TRAFFIC CONTROL SYSTEM-LEFT

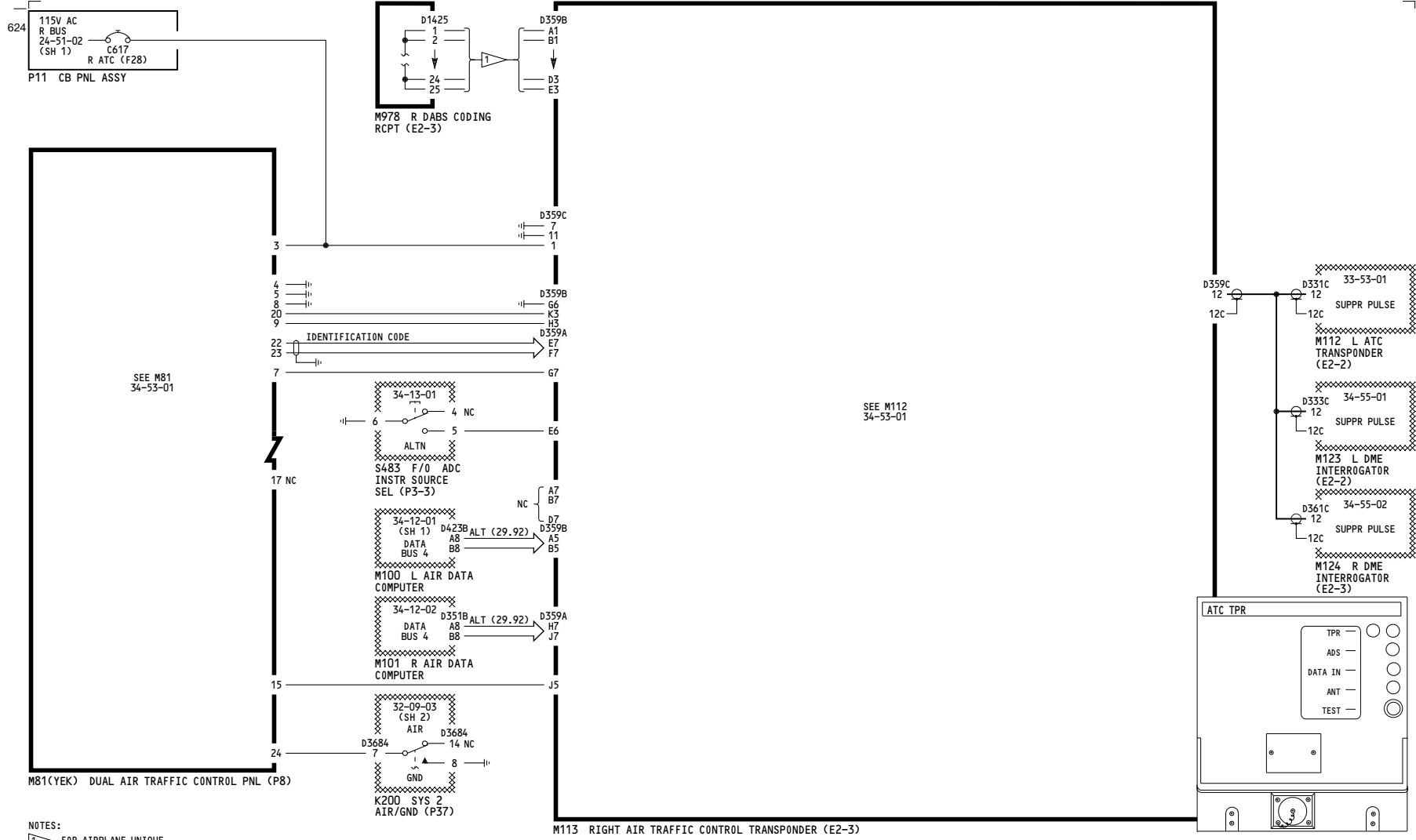
D280T232

- Incorporates**
- ▶ EOC EB34-0360-02
 - ▶ EOC EB34-0359-02

34-53-01

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Mar 14/2007



SEE M81
34-53-01

SEE M112
34-53-01

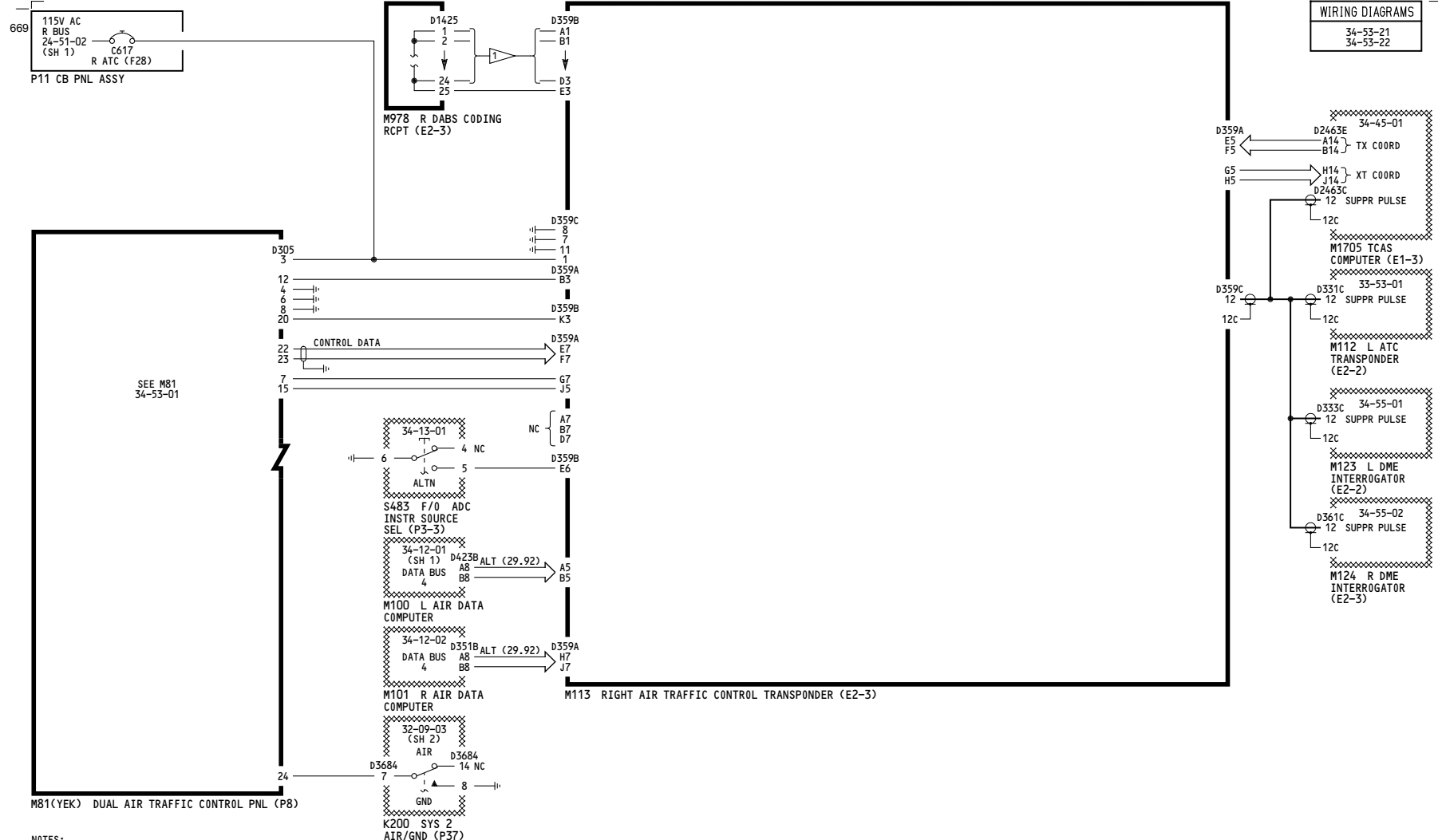
NOTES:
 1. FOR AIRPLANE UNIQUE WIRING CHART (MODE-S ADDRESS) SEE WIRING DIAGRAM 34-53-22

050-099	AIR TRAFFIC CONTROL SYSTEM- RIGHT D280T232
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34-53-02

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WIRING DIAGRAMS
34-53-21
34-53-22

NOTES:
FOR AIRPLANE UNIQUE WIRING CHART SEE WIRING DIAGRAM 34-53-22

150-152	AIR TRAFFIC CONTROL SYSTEM- RIGHT D280T232
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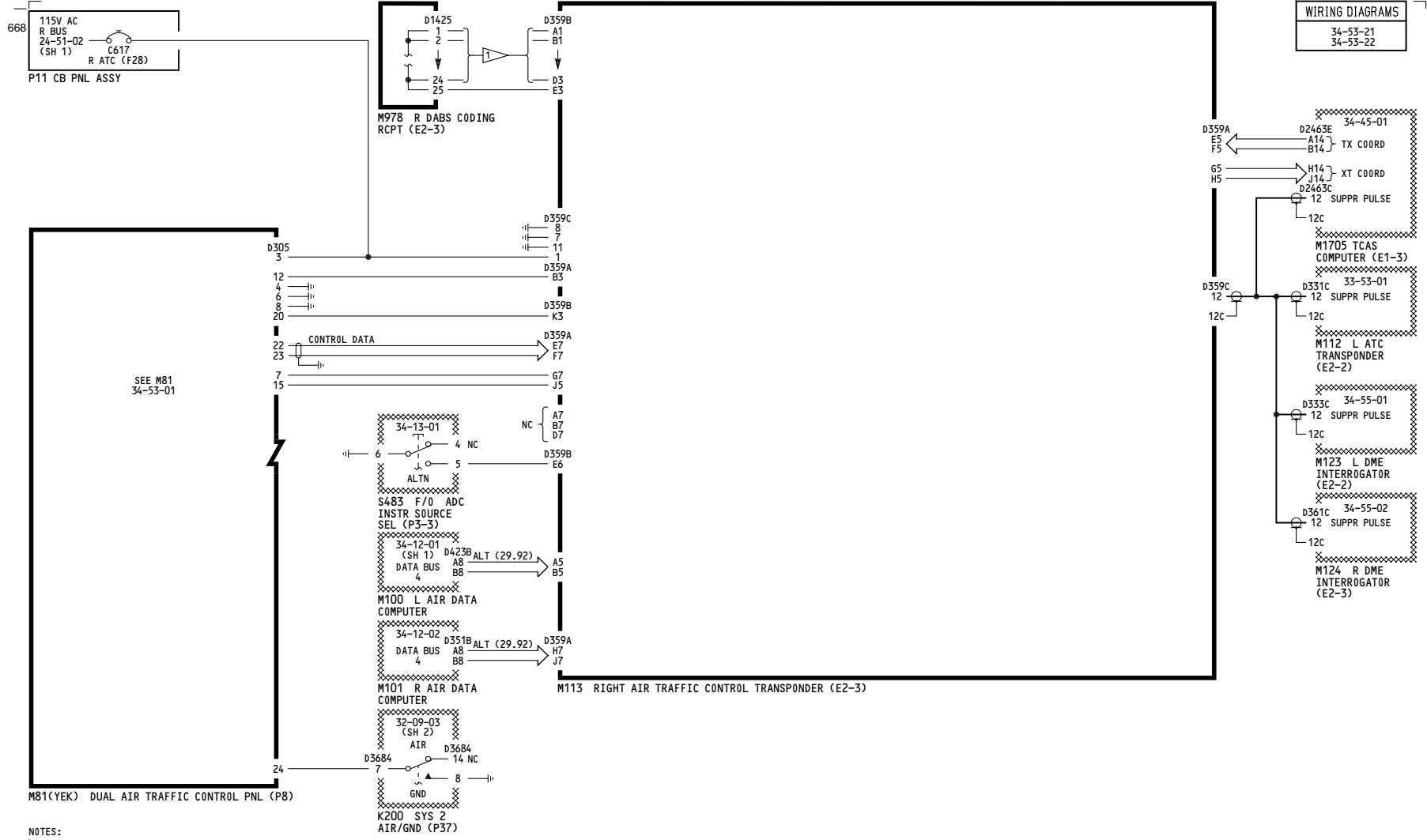
- Incorporates
- ▶ 34-0082
 - ▶ 34-0091 R01
 - ▶ MTO 340514C

34-53-02

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WIRING DIAGRAMS
34-53-21
34-53-22



NOTES:
▶ FOR AIRPLANE UNIQUE WIRING CHART SEE WIRING DIAGRAM 34-53-22

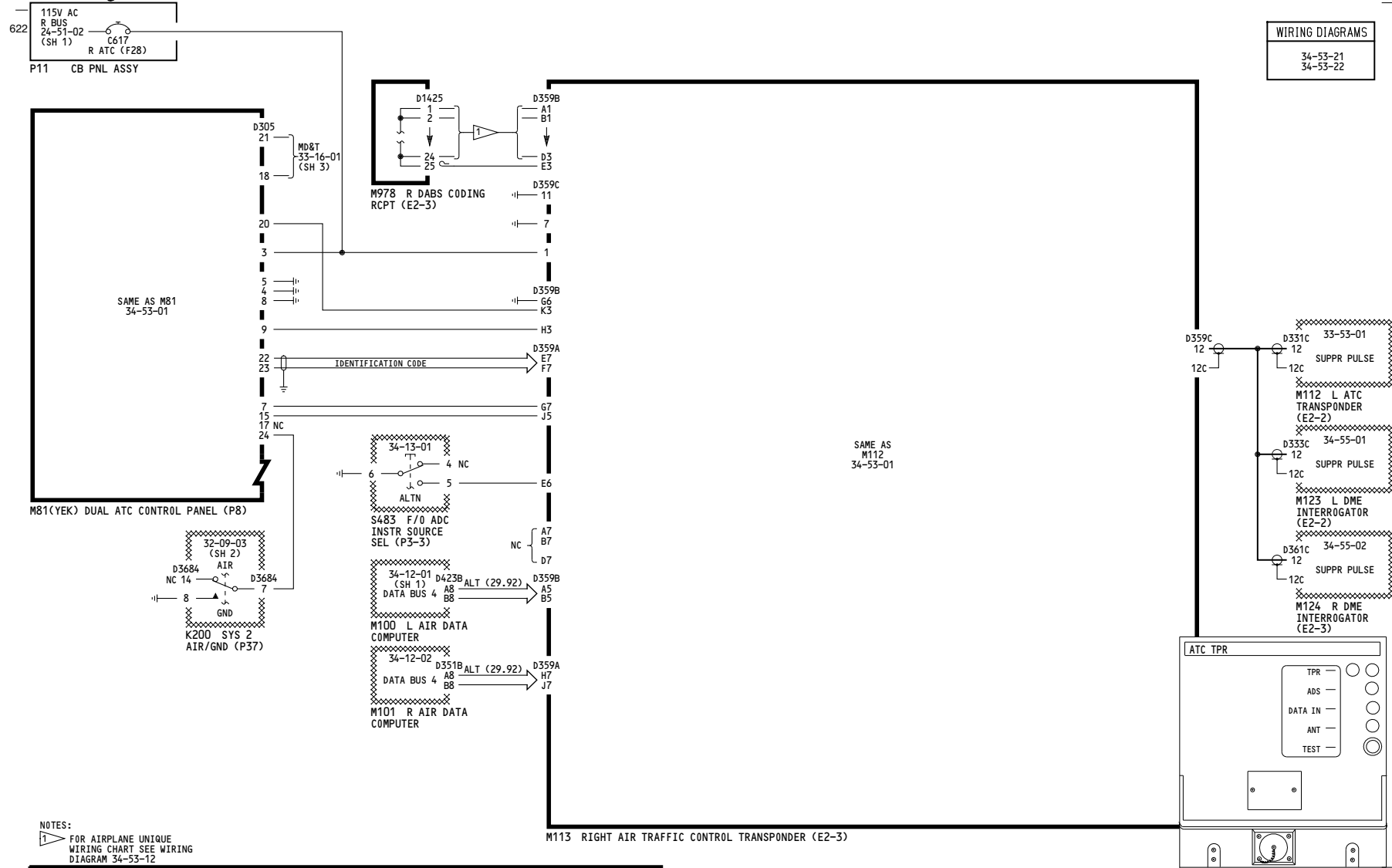
153-154	<p>AIR TRAFFIC CONTROL SYSTEM- RIGHT</p> <p>D280T232</p>
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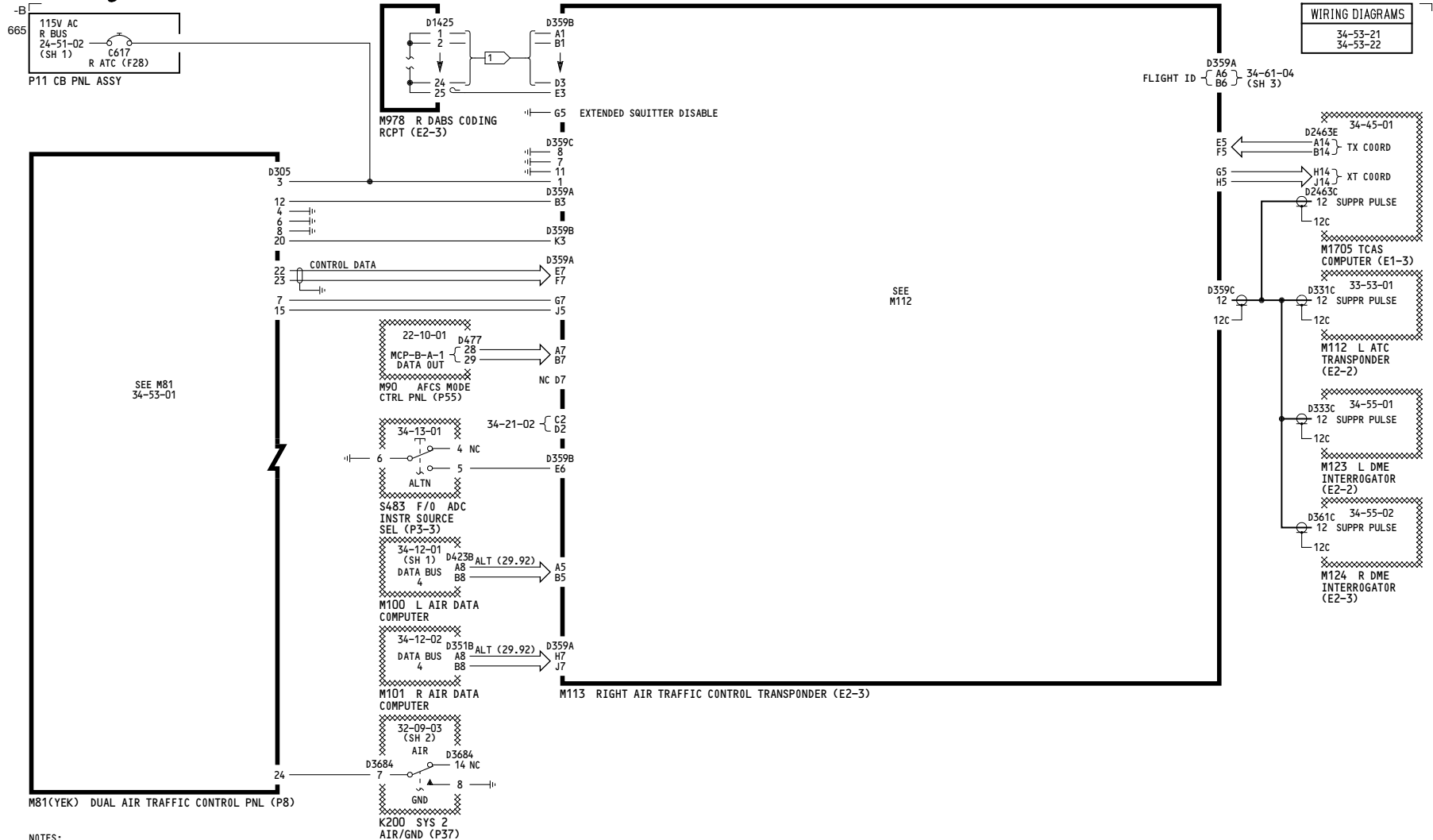
- Incorporates
- ▶ 34-0082
 - ▶ MTO 340514C
 - ▶ MTO 340652 R01

34-53-02

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NOTES:
1 FOR AIRPLANE UNIQUE WIRING CHART SEE WIRING DIAGRAM 34-53-22

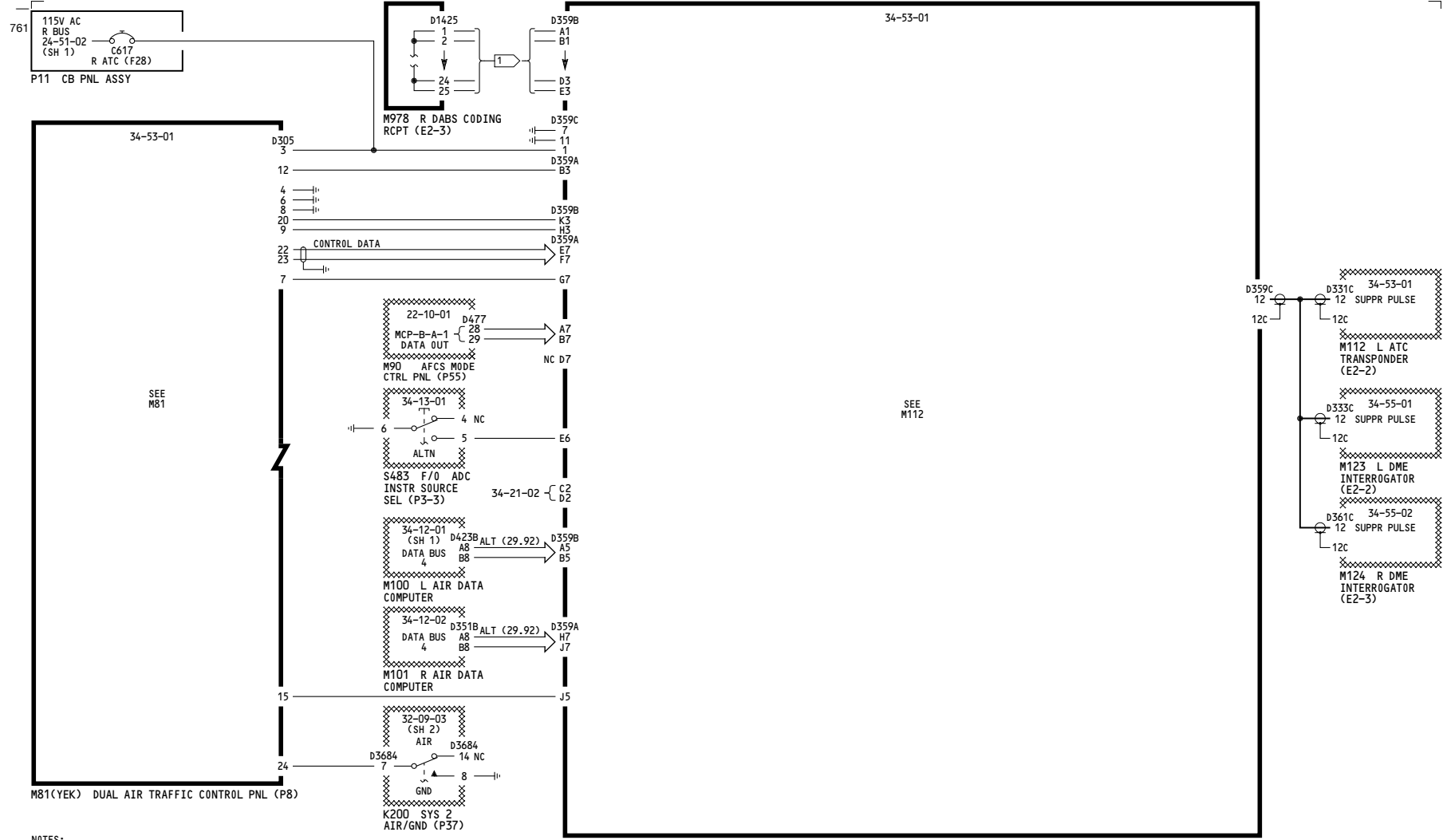
275-276	AIR TRAFFIC CONTROL SYSTEM-RIGHT
	D280T232

- Incorporates
- ▶ 34-0091 R01
 - ▶ ECO EB34-0360-02
 - ▶ EOC EB34-0359-02

34-53-02

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NOTES:
 1 FOR AIRPLANE UNIQUE WIRING CHART (MODE S ADDRESS) SEE WIRING DIAGRAM 34-53-22

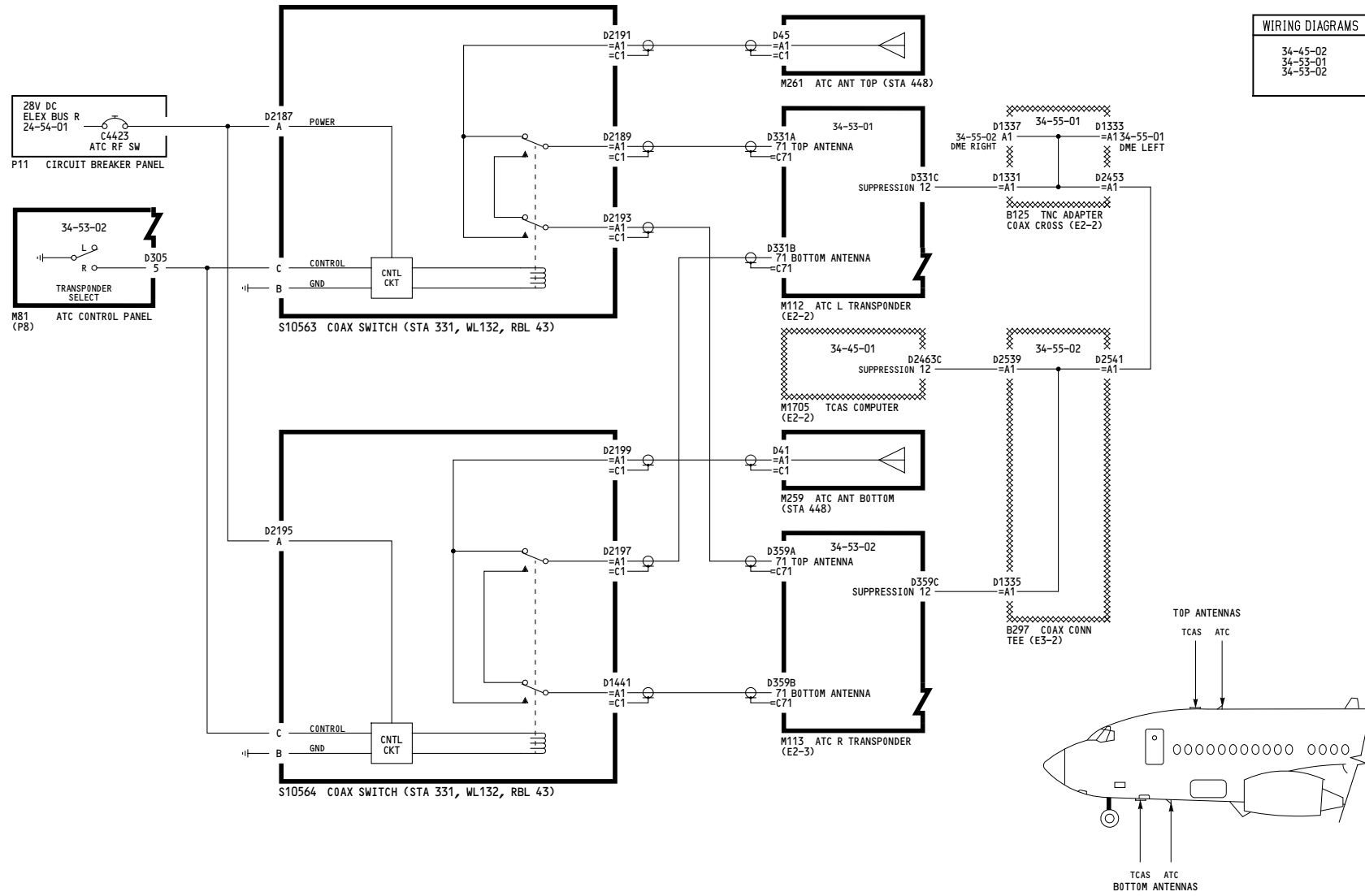
277-280

AIR TRAFFIC CONTROL SYSTEM - RIGHT

D280T232

- Incorporates
- ▶ ECO EB34-0360-02
 - ▶ EOC EB34-0359-02

34-53-02



050-099, 155-199, 275-299

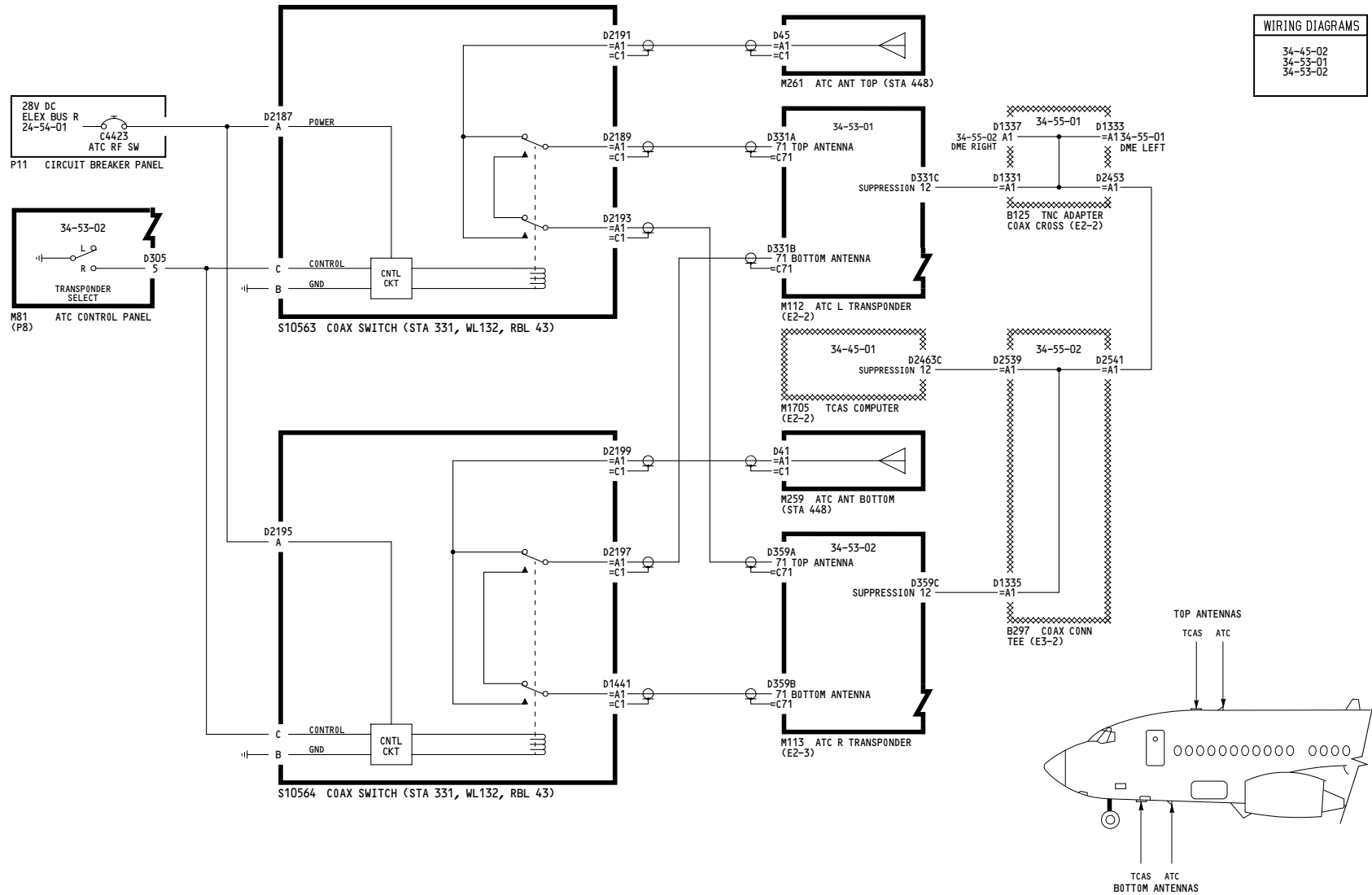
MODE S ANTENNA SWITCHING & PROGRAM PINS

D280T232

34-53-03

633

WIRING DIAGRAMS
34-45-02
34-53-01
34-53-02

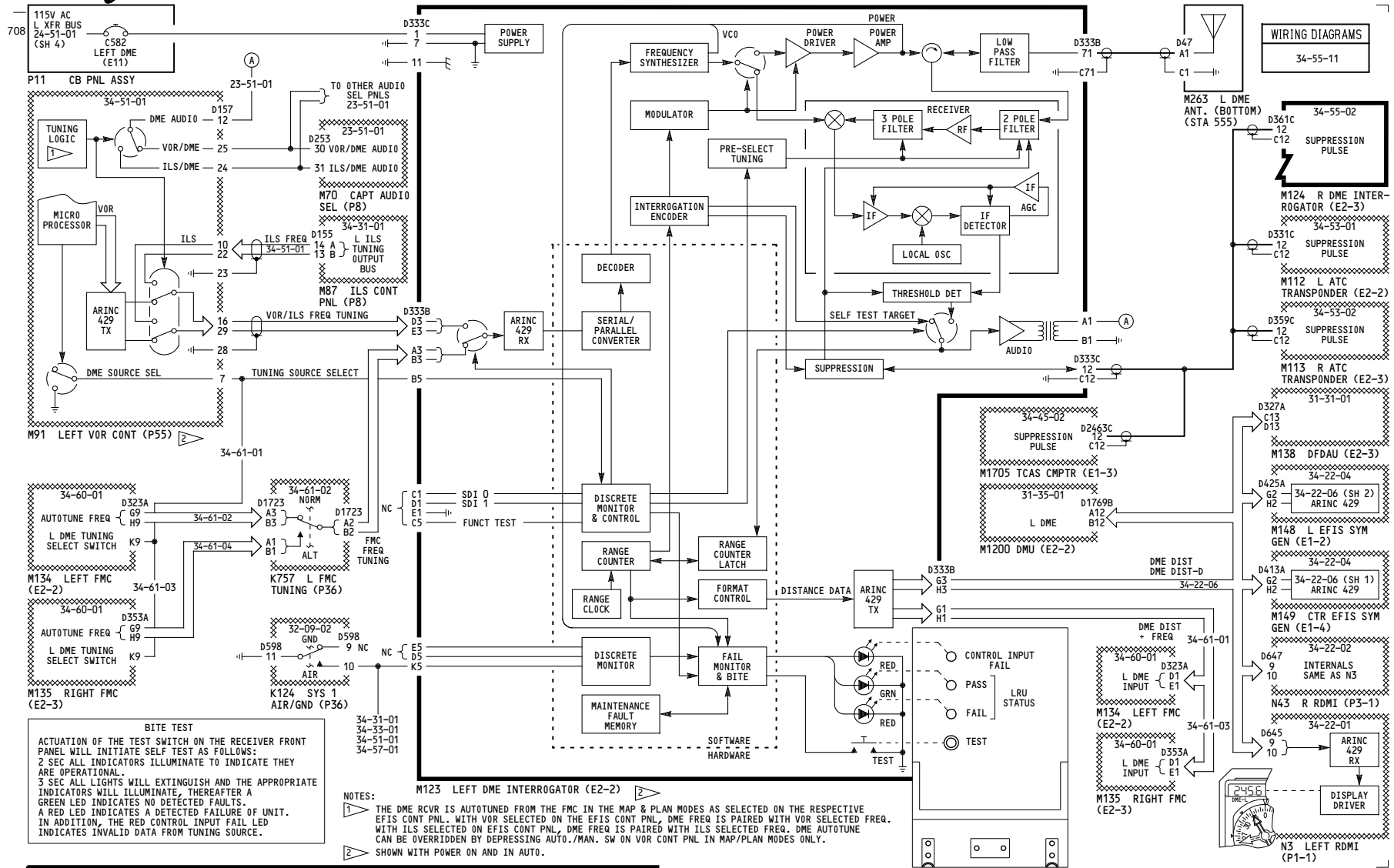


150-154	<p>MODE S ANTENNA SWITCHING & PROGRAM PINS</p> <p style="text-align: right;">Incorporates 34-0082</p> <p style="text-align: center;">D280T232</p>
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34-53-03

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Feb 06/2009



050-051, 155-156, 162-166

DISTANCE MEASURING EQUIPMENT-LEFT

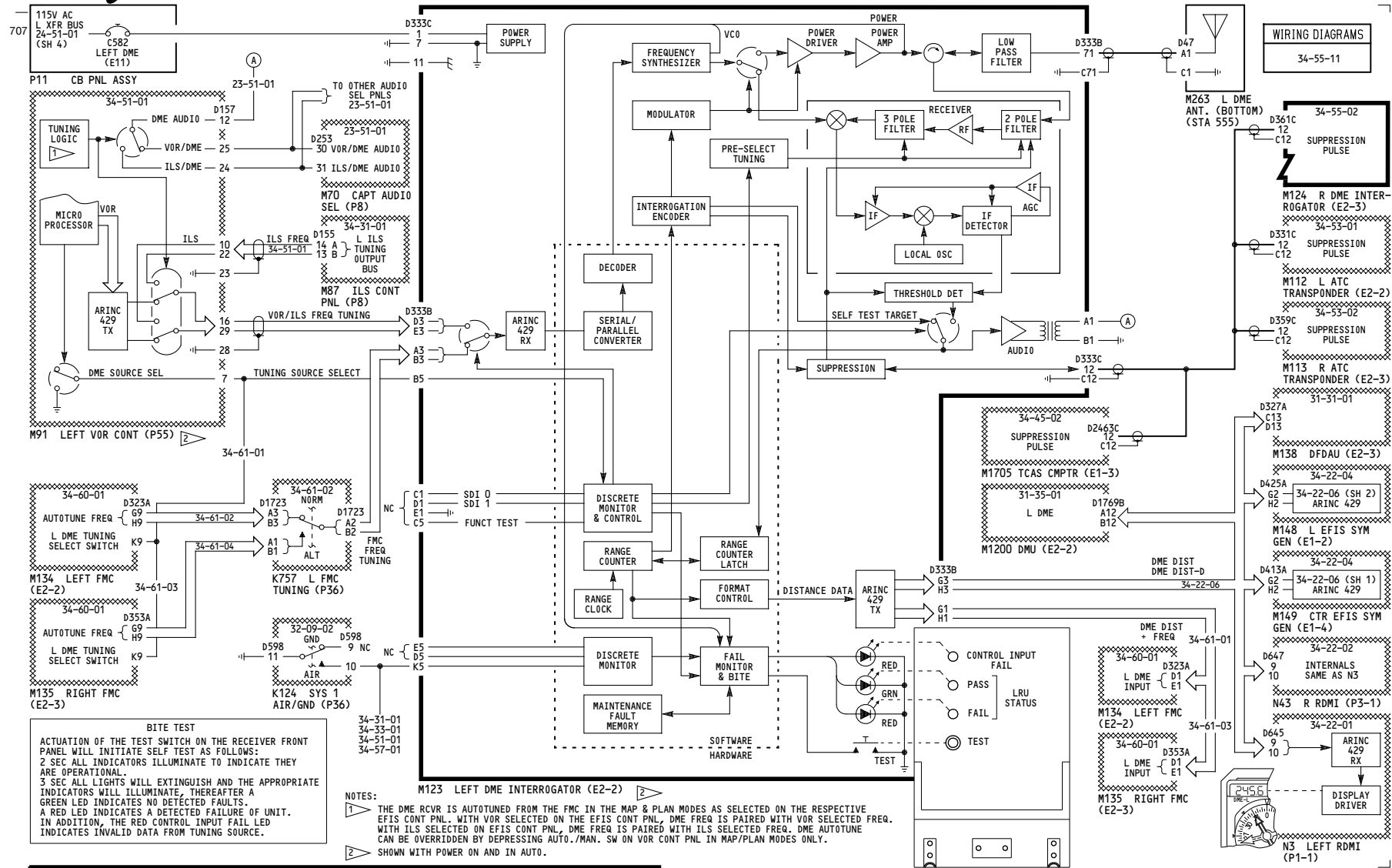
Incorporates MTO 340652

D280T232

34-55-01

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150-152

DISTANCE MEASURING EQUIPMENT- LEFT

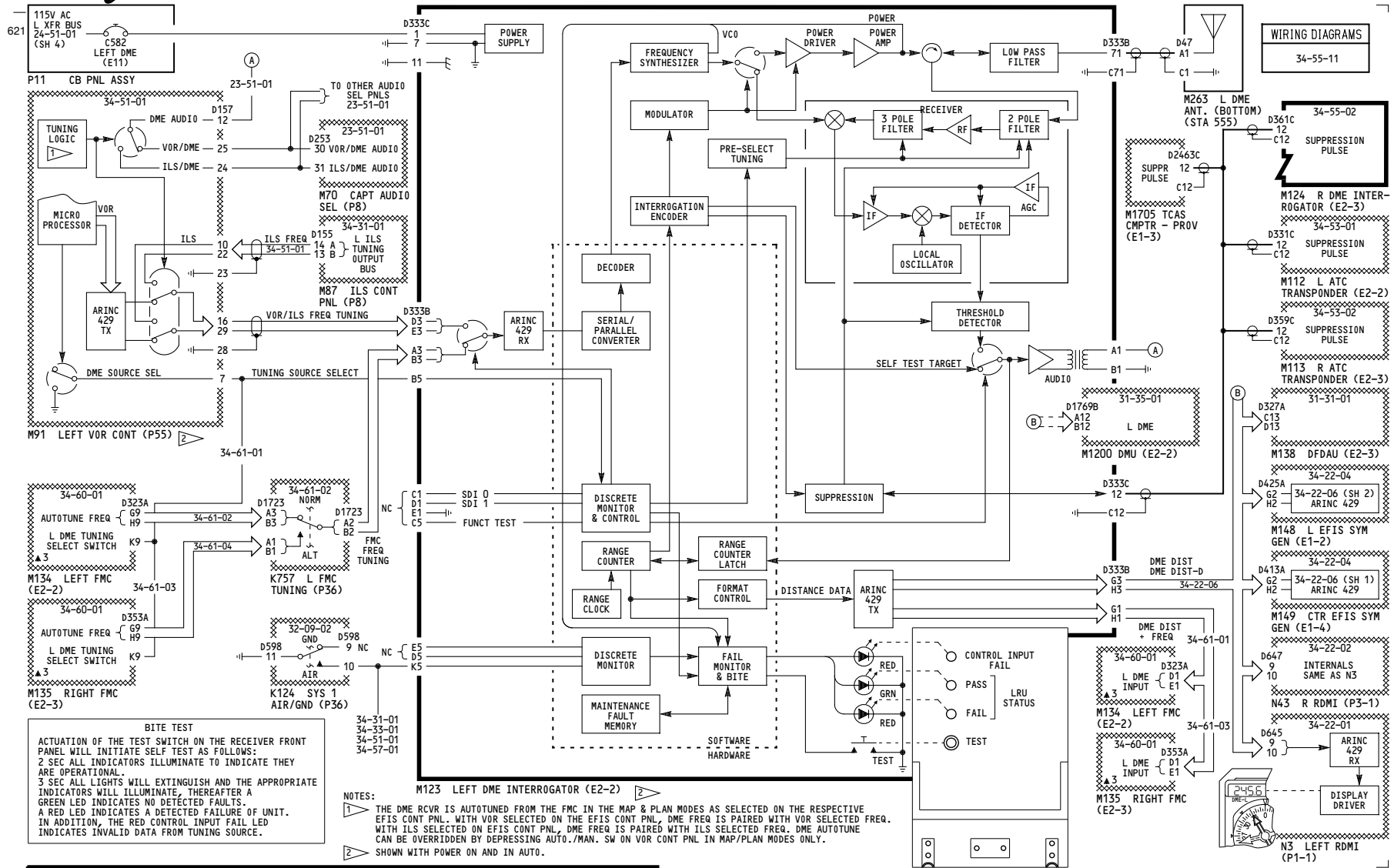
- ▬ Incorporates 34-0091 R01
- ▬ MTO 340652

D280T232

34-55-01

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153-154

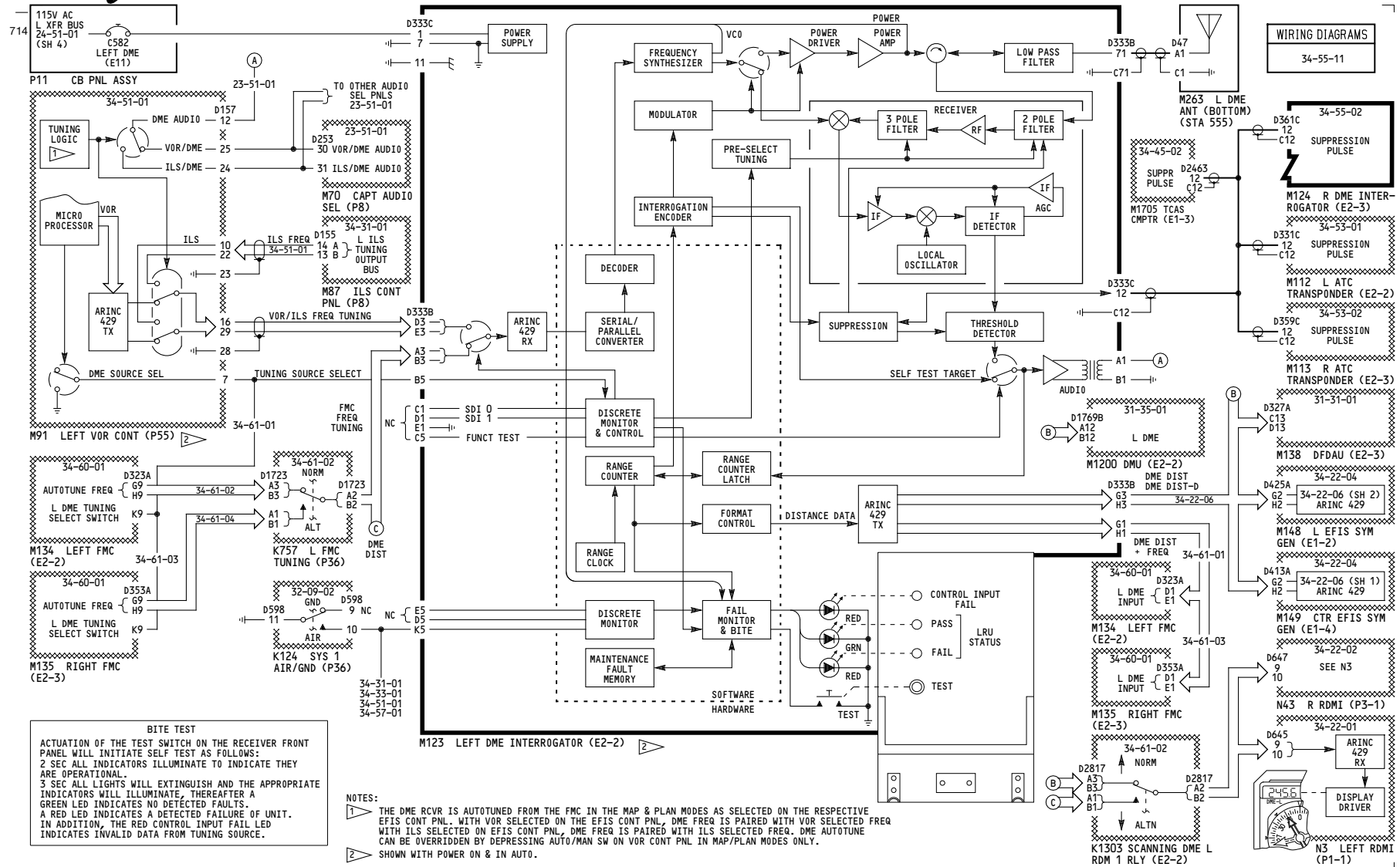
DISTANCE MEASURING EQUIPMENT- LEFT

D280T232

34-55-01

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BITE TEST

ACTUATION OF THE TEST SWITCH ON THE RECEIVER FRONT PANEL WILL INITIATE SELF TEST AS FOLLOWS:

- 2 SEC ALL INDICATORS ILLUMINATE TO INDICATE THEY ARE OPERATIONAL.
- 3 SEC ALL LIGHTS WILL EXTINGUISH AND THE APPROPRIATE INDICATORS WILL ILLUMINATE, THEREAFTER A GREEN LED INDICATES NO DETECTED FAULTS.
- A RED LED INDICATES A DETECTED FAILURE OF UNIT. IN ADDITION, THE RED CONTROL INPUT FAIL LED INDICATES INVALID DATA FROM TUNING SOURCE.

NOTES:

- THE DME RCVR IS AUTOTUNED FROM THE FMC IN THE MAP & PLAN MODES AS SELECTED ON THE RESPECTIVE EFIS CONT PNL. WITH VOR SELECTED ON THE EFIS CONT PNL, DME FREQ IS PAIRED WITH VOR SELECTED FREQ WITH ILS SELECTED ON EFIS CONT PNL, DME FREQ IS PAIRED WITH ILS SELECTED FREQ. DME AUTOTUNE CAN BE OVERRIDDEN BY DEPRESSING AUTO/MAN SW ON VOR CONT PNL IN MAP/PLAN MODES ONLY.
- SHOWN WITH POWER ON & IN AUTO.

157, 167, 277-280

DISTANCE MEASURING EQUIPMENT- LEFT

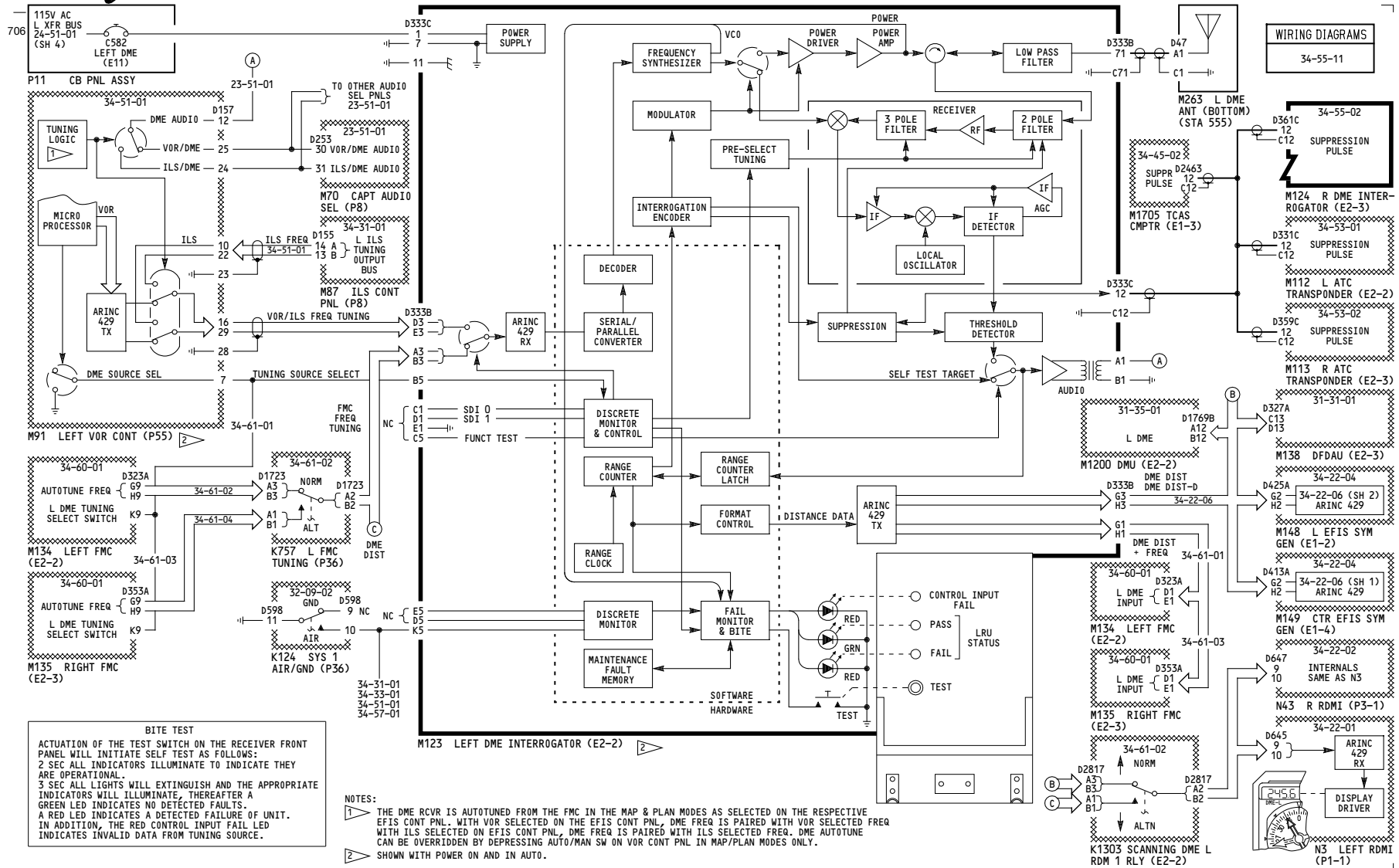
Incorporates MTO 340652

D280T232

34-55-01

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BITE TEST
 ACTUATION OF THE TEST SWITCH ON THE RECEIVER FRONT PANEL WILL INITIATE SELF TEST AS FOLLOWS:
 2 SEC ALL INDICATORS ILLUMINATE TO INDICATE THEY ARE OPERATIONAL.
 3 SEC ALL LIGHTS WILL EXTINGUISH AND THE APPROPRIATE INDICATORS WILL ILLUMINATE, THEREAFTER A GREEN LED INDICATES NO DETECTED FAULTS. A RED LED INDICATES A DETECTED FAILURE OF UNIT. IN ADDITION, THE RED CONTROL INPUT FAIL LED INDICATES INVALID DATA FROM TUNING SOURCE.

NOTES:
 1 THE DME RCVR IS AUTOTUNED FROM THE FMC IN THE MAP & PLAN MODES AS SELECTED ON THE RESPECTIVE EFIS CONT PNL. WITH VOR SELECTED ON THE EFIS CONT PNL, DME FREQ IS PAIRED WITH VOR SELECTED FREQ WITH ILS SELECTED ON EFIS CONT PNL, DME FREQ IS PAIRED WITH ILS SELECTED FREQ. DME AUTOTUNE CAN BE OVERRIDDEN BY DEPRESSING AUTO/MAN SW ON VOR CONT PNL IN MAP/PLAN MODES ONLY.
 2 SHOWN WITH POWER ON AND IN AUTO.

275-276

DISTANCE MEASURING EQUIPMENT-LEFT

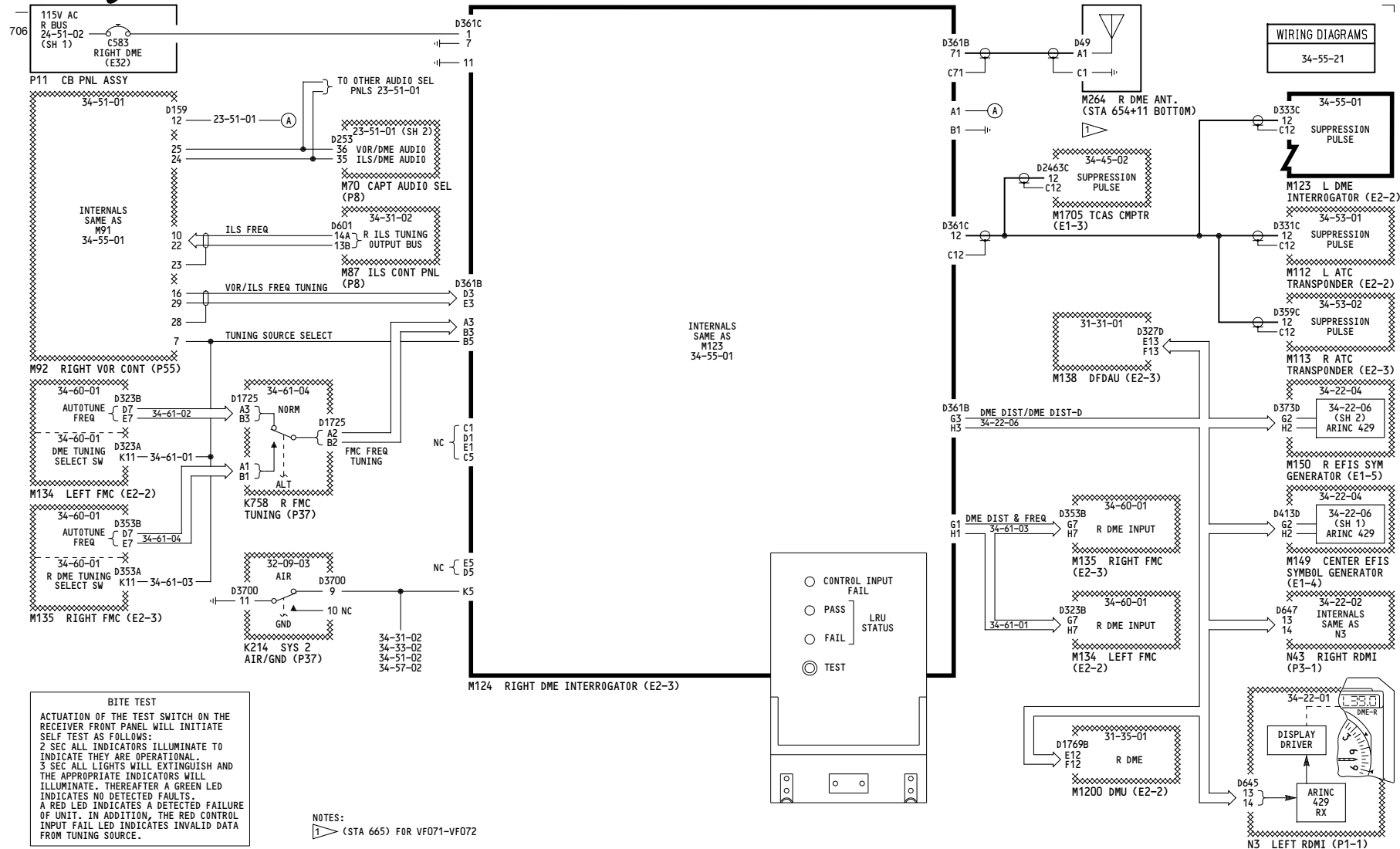
D280T232

- Incorporates
- ▶ 34-0091 R01
 - ▶ 34-0167
 - ▶ MTO 340652

34-55-01

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BITE TEST
ACTUATION OF THE TEST SWITCH ON THE RECEIVER FRONT PANEL WILL INITIATE SELF TEST AS FOLLOWS:
2 SEC ALL INDICATORS ILLUMINATE TO INDICATE THEY ARE OPERATIONAL.
3 SEC ALL LIGHTS WILL EXTINGUISH AND THE APPROPRIATE INDICATORS WILL ILLUMINATE. THEREAFTER A GREEN LED INDICATES NO DETECTED FAULTS.
A RED LED INDICATES A DETECTED FAILURE OF UNIT. IN ADDITION, THE RED CONTROL INPUT FAIL LED INDICATES INVALID DATA FROM TUNING SOURCE.

NOTES:
1 (STA 665) FOR VF071-VF072

050-051, 155-156, 162-166

DISTANCE MEASURING EQUIPMENT- RIGHT

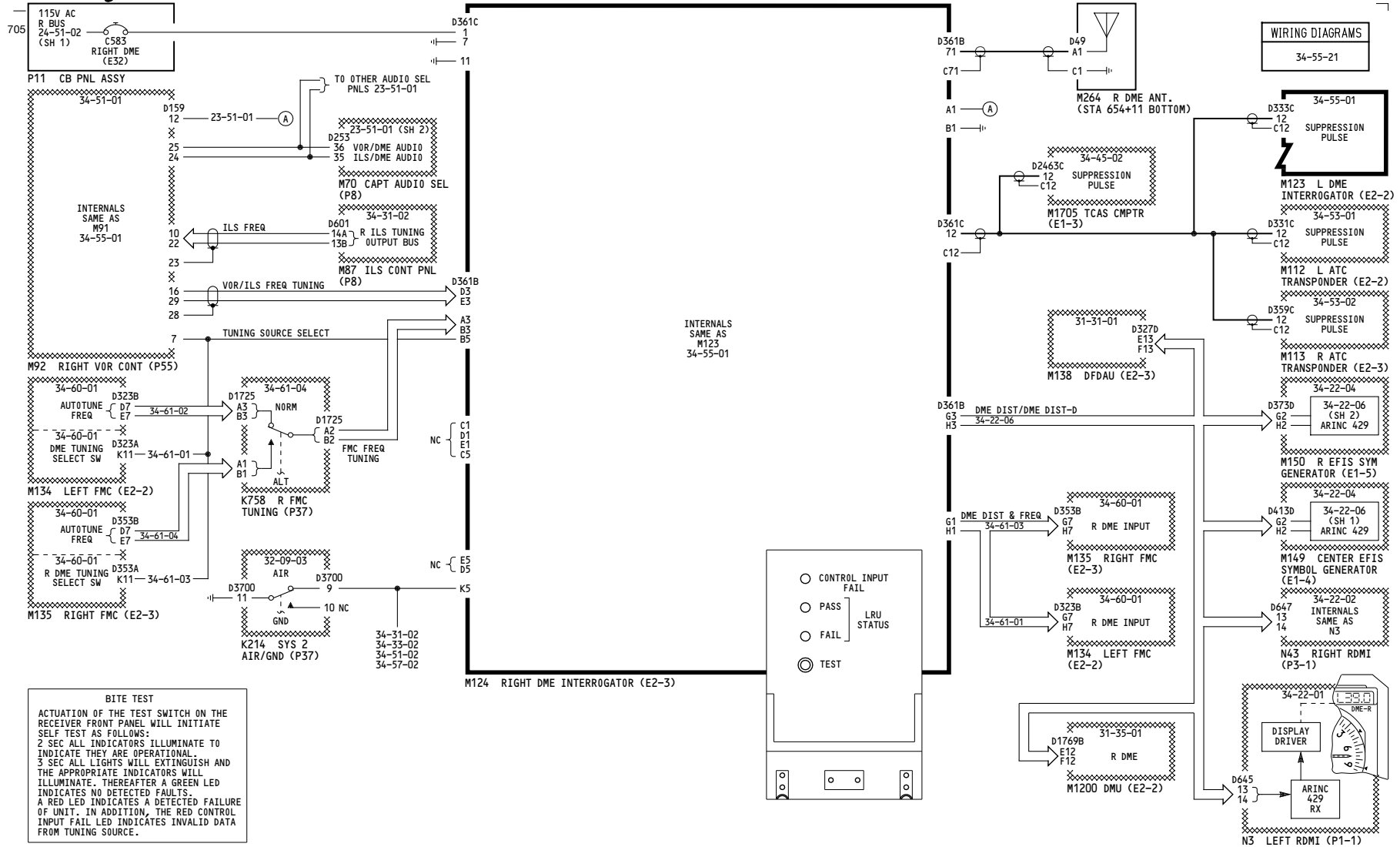
↳ Incorporates MTO 340652

D280T232

34-55-02

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150-152

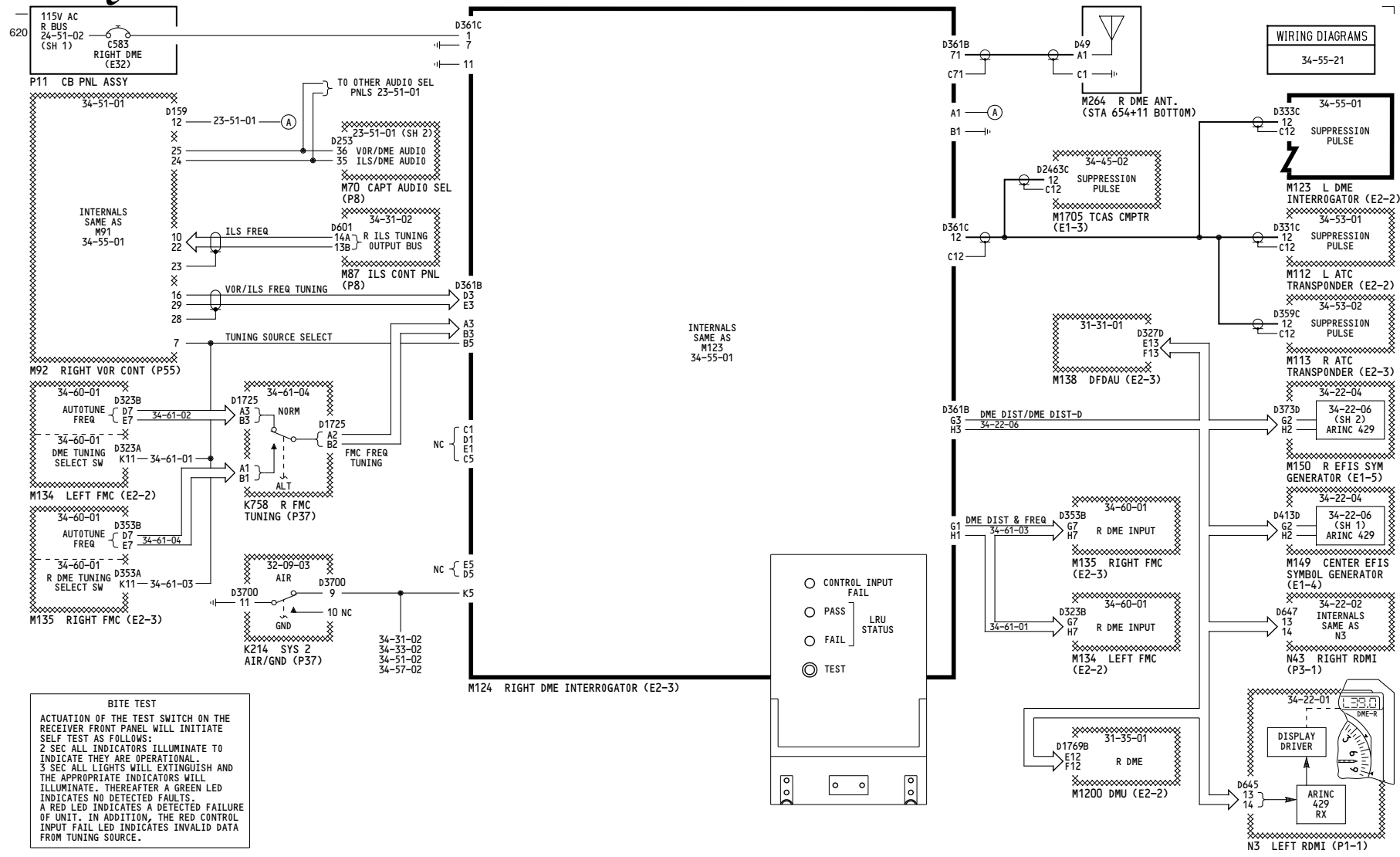
DISTANCE MEASURING EQUIPMENT-RIGHT

D280T232

Incorporates

- 34-0091 R01
- MTO 340652

34-55-02



153-154

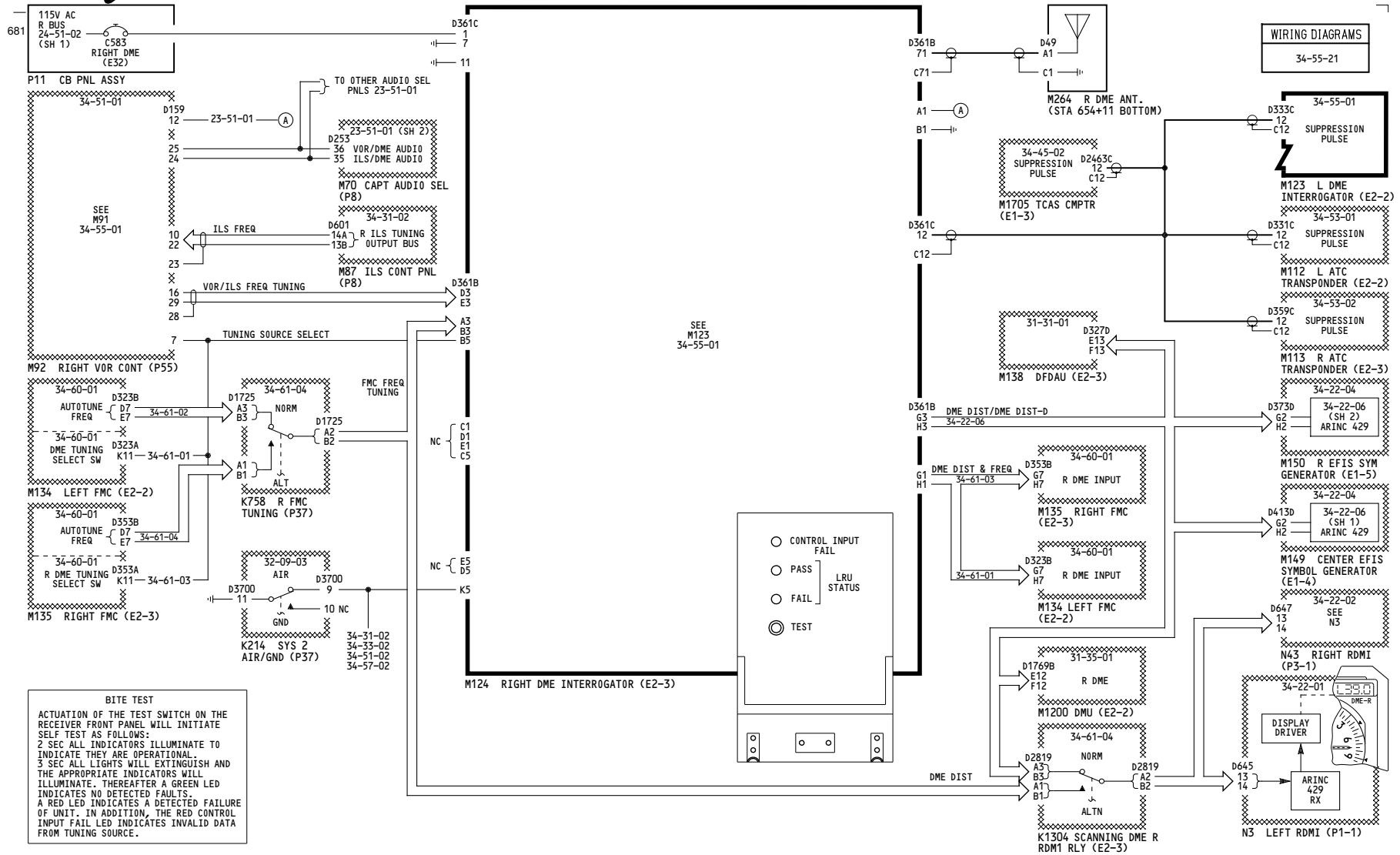
DISTANCE MEASURING EQUIPMENT- RIGHT

D280T232

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157, 167, 277-280

DISTANCE MEASURING EQUIPMENT- RIGHT

← Incorporates MTO 340652

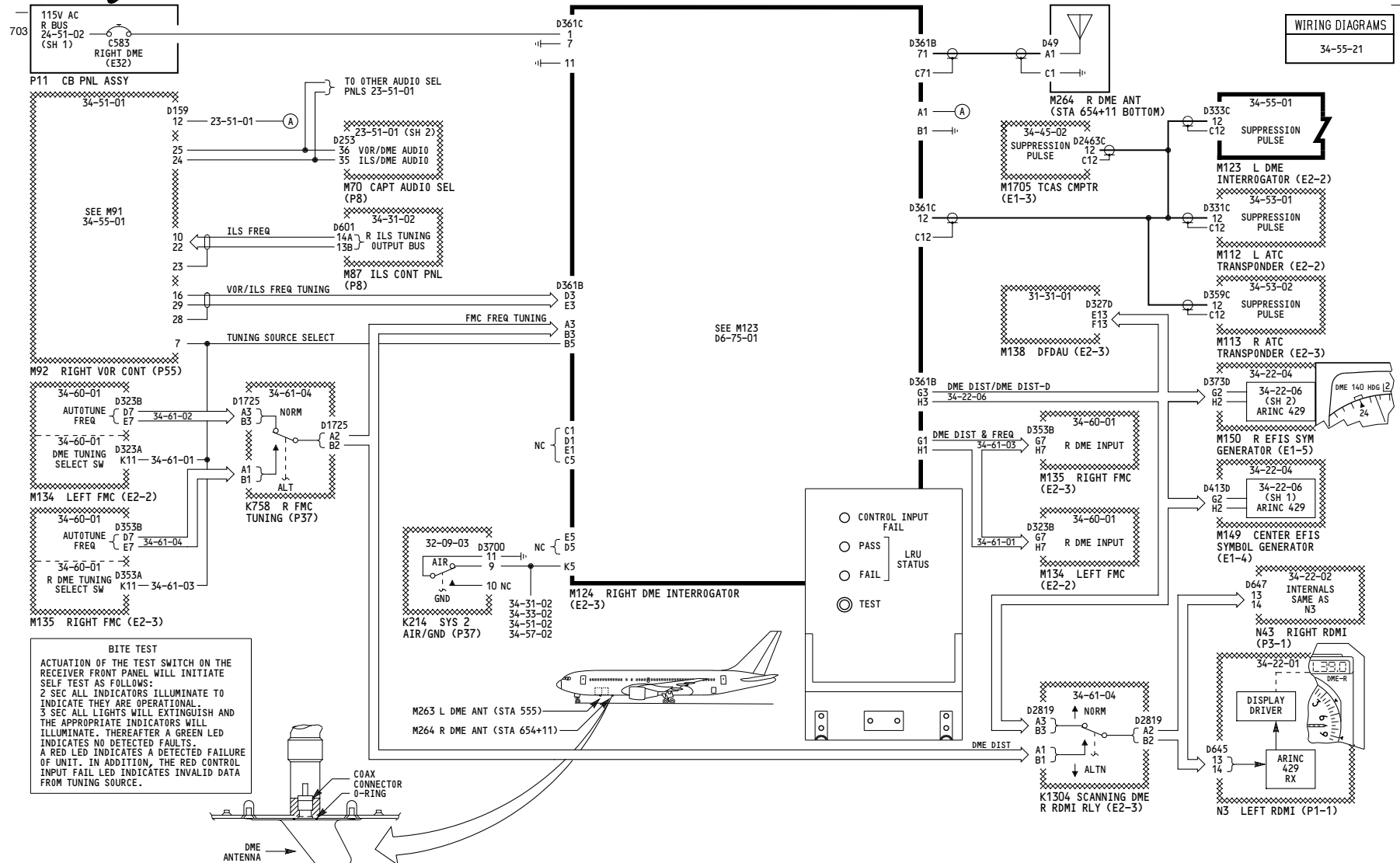
D280T232

34-55-02

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WIRING DIAGRAMS
34-55-21



275-276

DISTANCE MEASURING EQUIPMENT-RIGHT

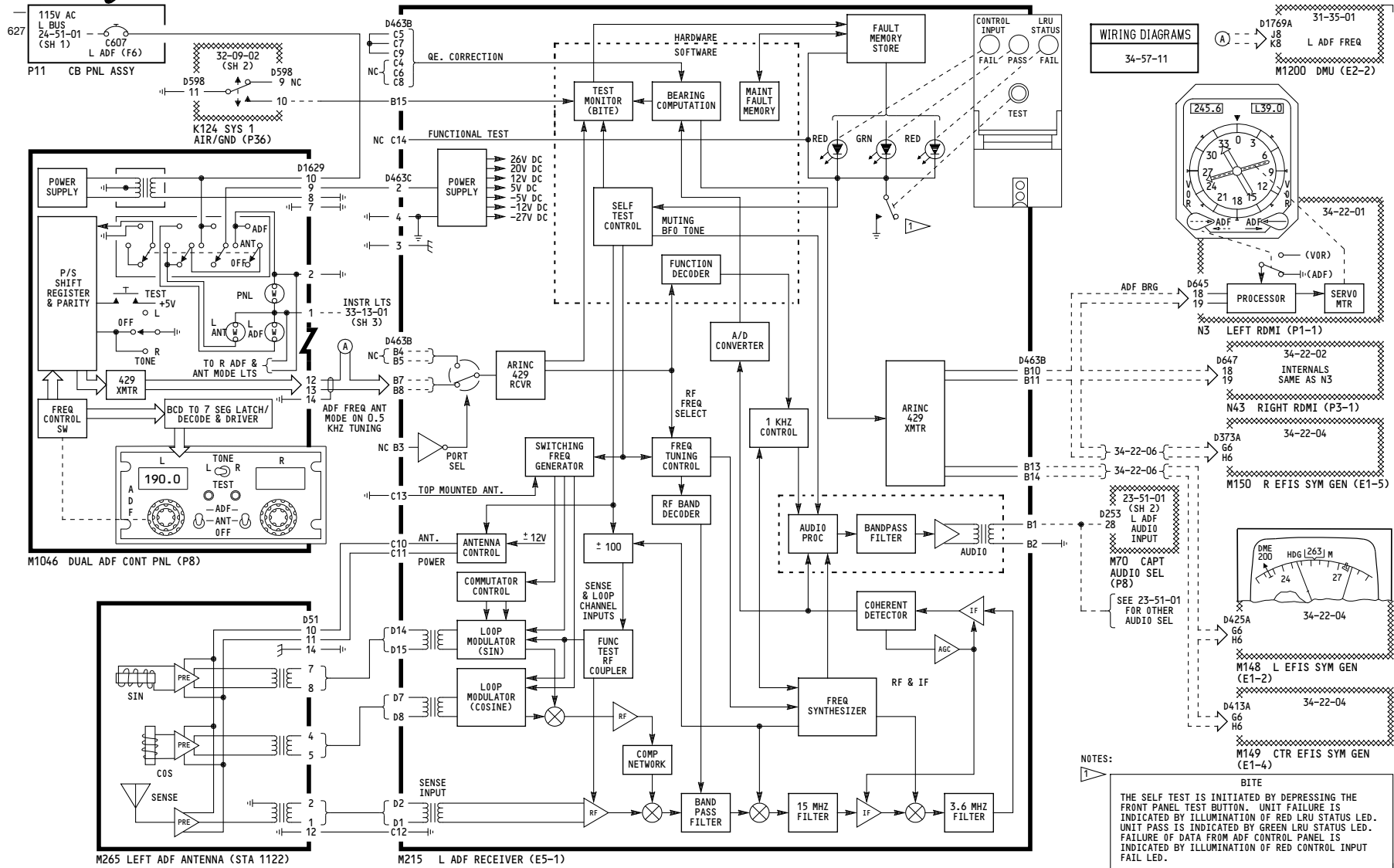
- Incorporates
- ▶ 34-0091 R01
 - ▶ 34-0167
 - ▶ MTO 340652

D280T232

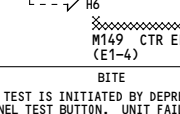
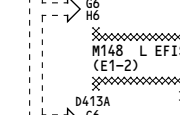
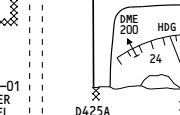
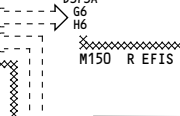
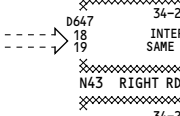
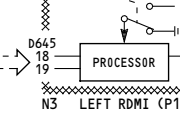
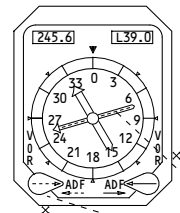
34-55-02

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WIRING DIAGRAMS
34-57-11



NOTES:
1

BITE
THE SELF TEST IS INITIATED BY DEPRESSING THE FRONT PANEL TEST BUTTON. UNIT FAILURE IS INDICATED BY ILLUMINATION OF RED LRU STATUS LED. UNIT PASS IS INDICATED BY GREEN LRU STATUS LED. FAILURE OF DATA FROM ADF CONTROL PANEL IS INDICATED BY ILLUMINATION OF RED CONTROL INPUT FAIL LED.

ALL

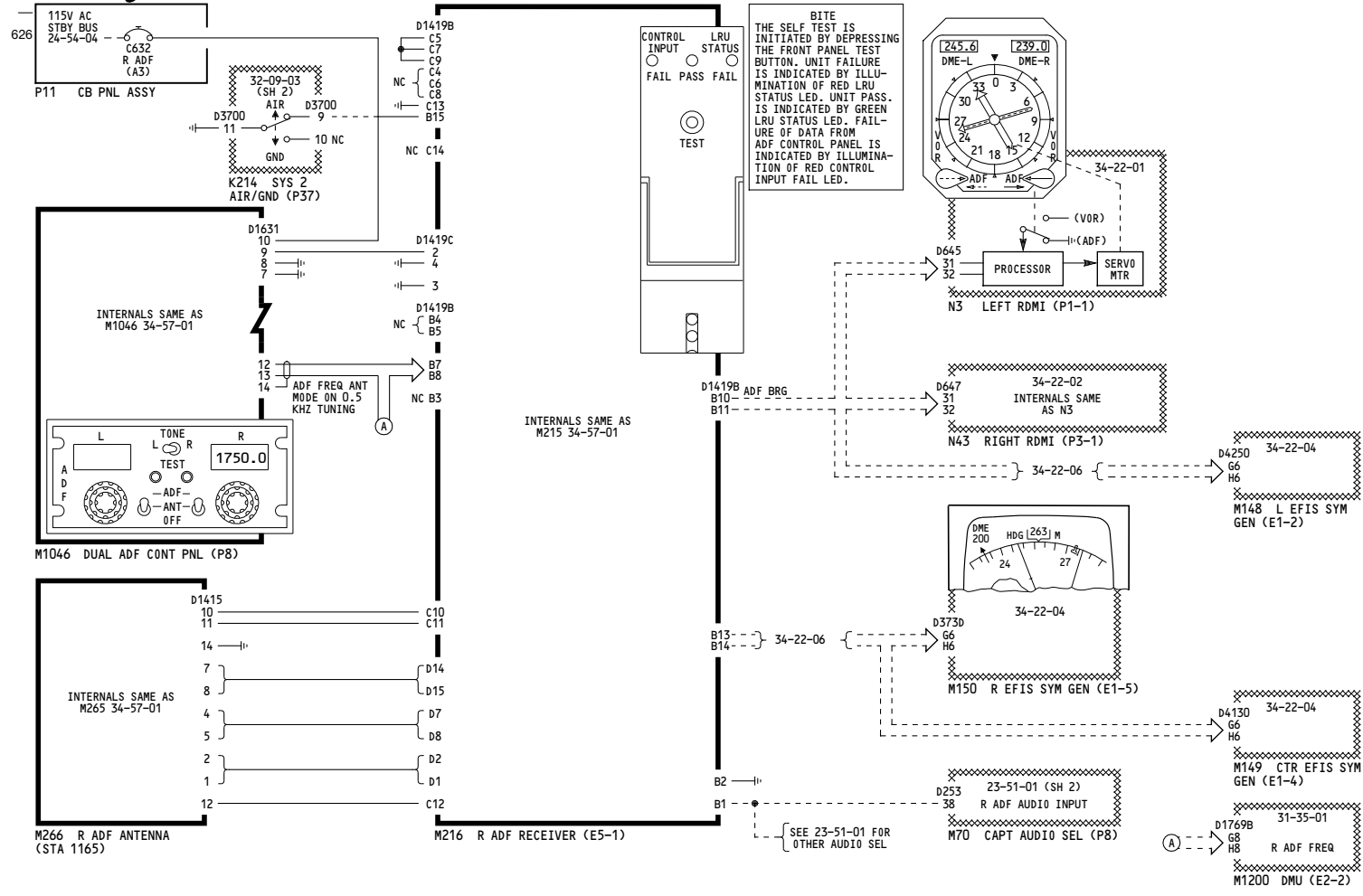
AUTOMATIC DIRECTION FINDER-LEFT

D280T232

34-57-01

Page 101

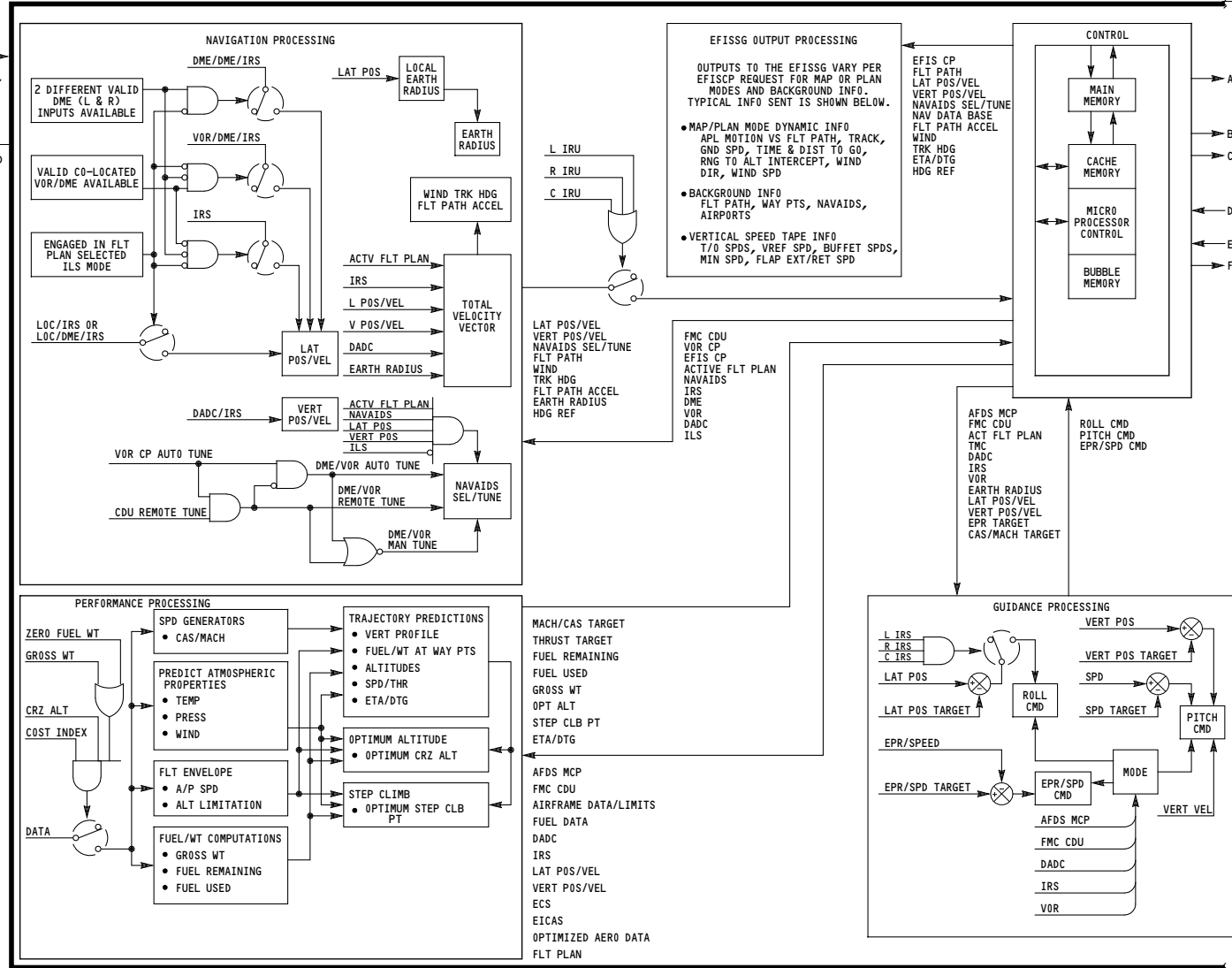
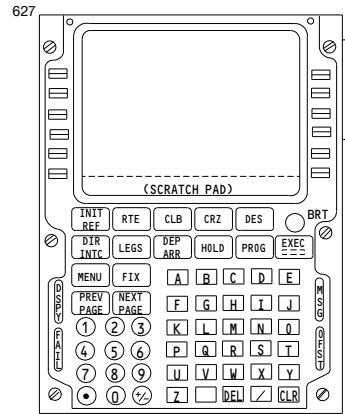
Jan 21/2005



ALL	AUTOMATIC DIRECTION FINDER - RIGHT
	D280T232

34-57-02

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NOTES:
 ▽ TYPICAL FOR
 L FMC, M134 (E2-2)
 R FMC, M135 (E2-3)

▽ FLT MANAGEMENT CMPTR

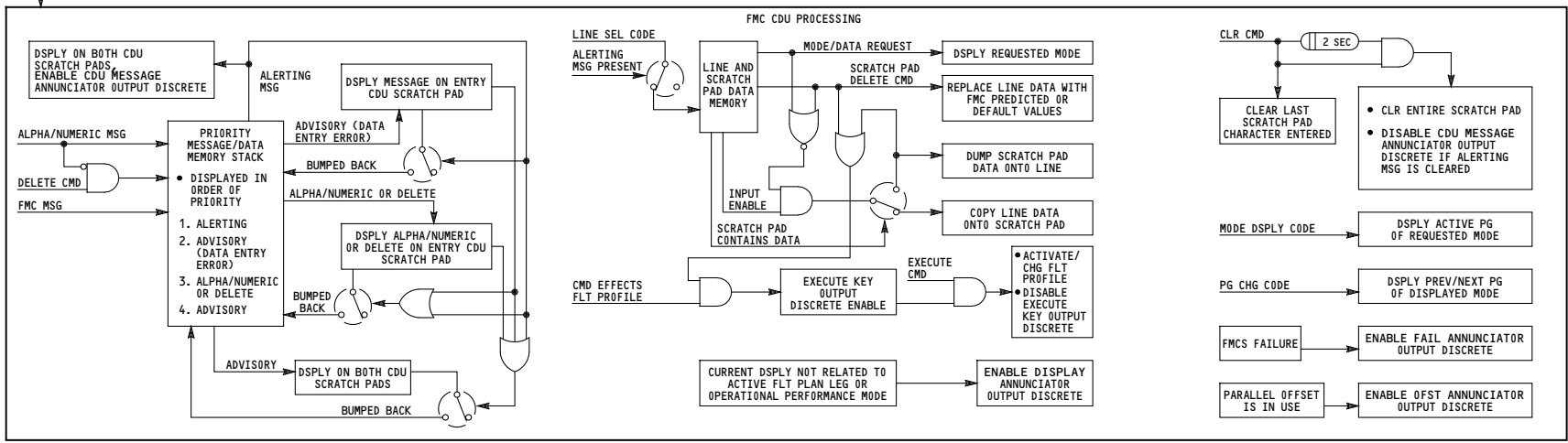
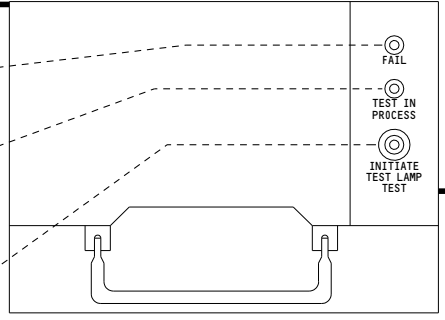
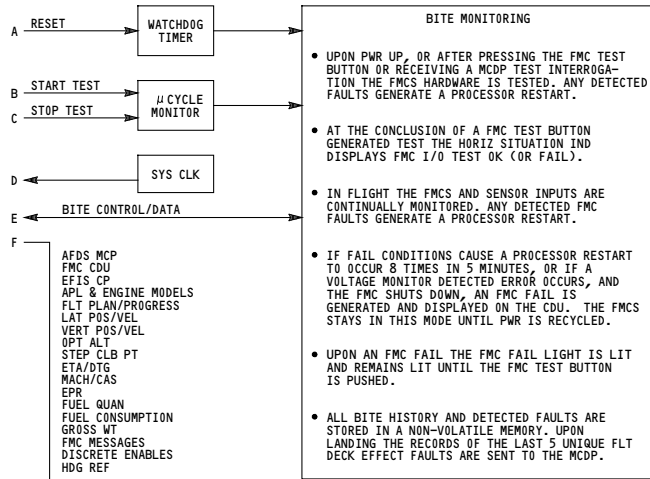
050-099, 150-199

FLIGHT MANAGEMENT COMPUTER

D280T232

34-60-01

628



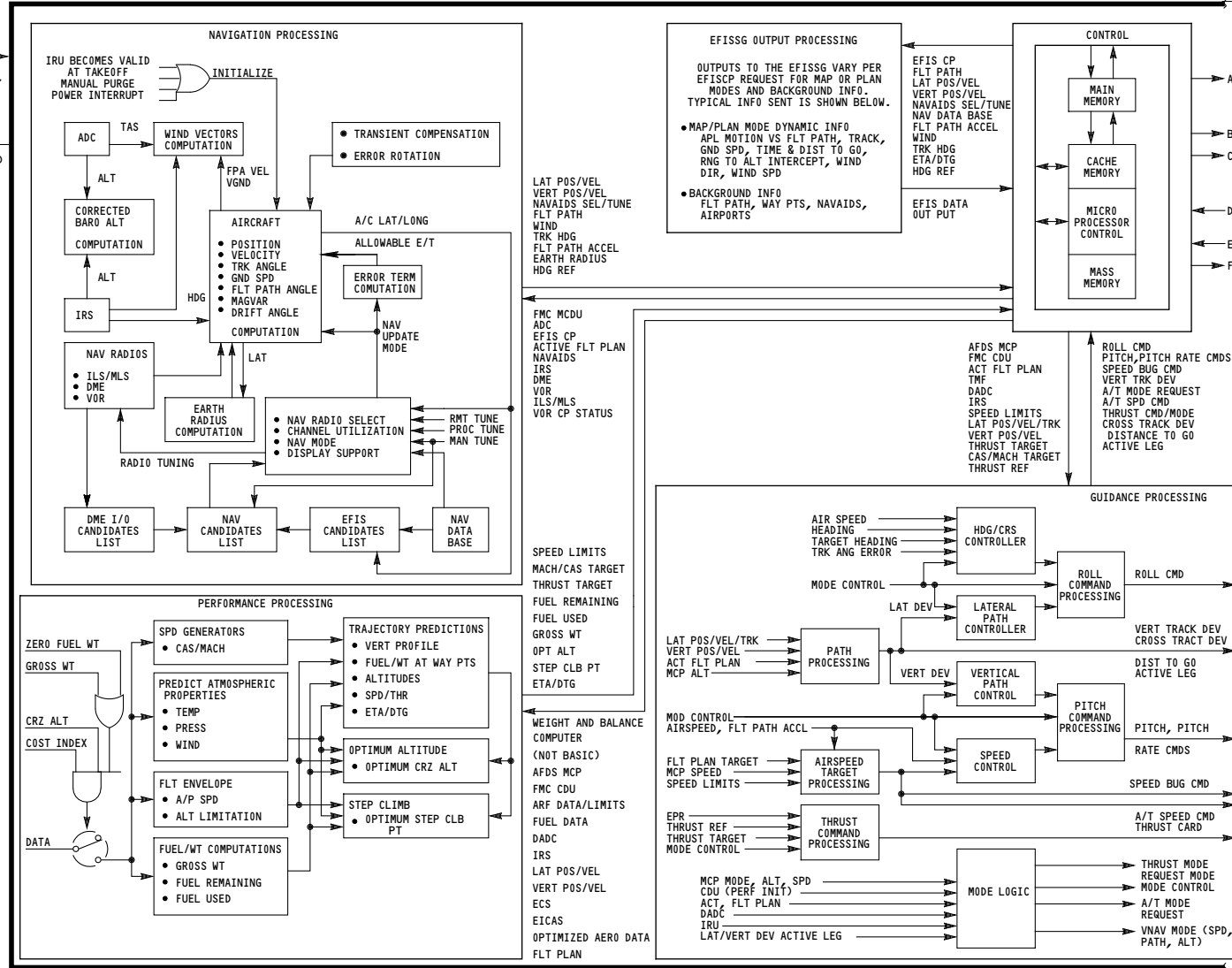
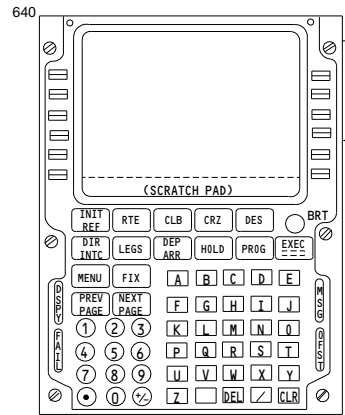
FLT MANAGEMENT CMPTR

050-099, 150-199

FLIGHT MANAGEMENT COMPUTER

D280T232

34-60-01



NOTES:
 ▽ TYPICAL FOR
 L FMC, M134 (E2-2)
 R FMC, M135 (E2-3)

▽ FLT MANAGEMENT CMPTR

▽ Incorporates 34-0137

275-276

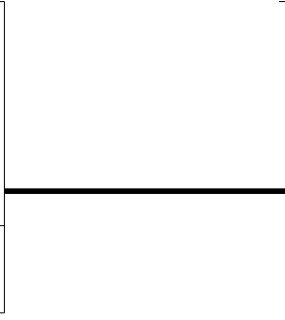
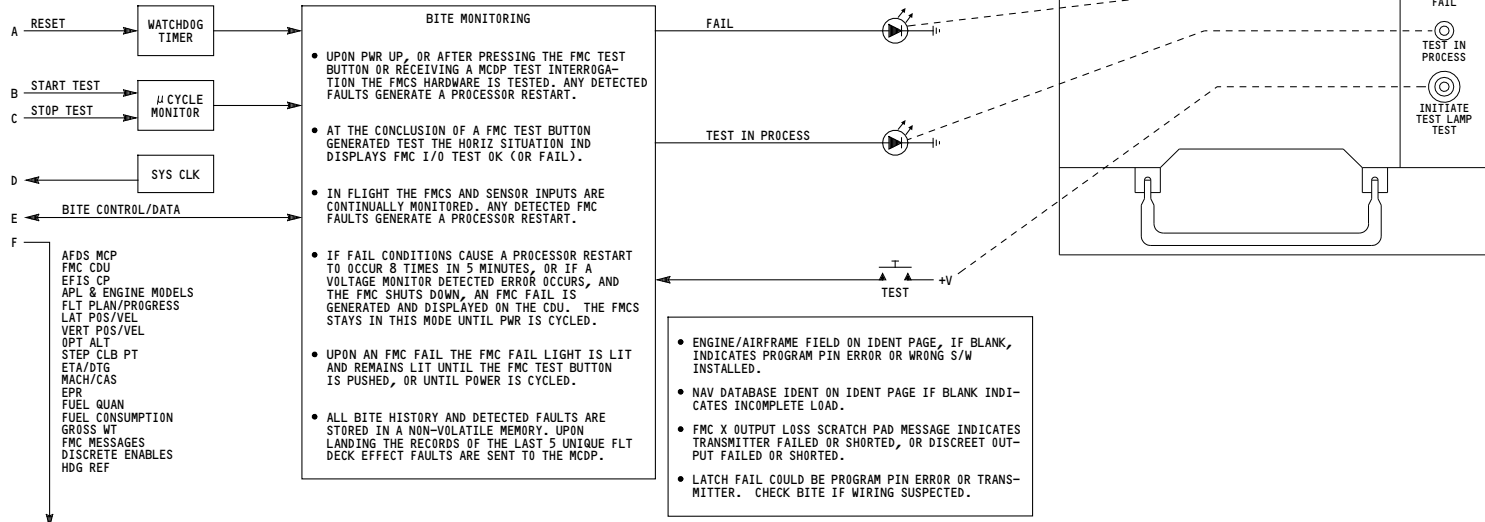
FLIGHT MANAGEMENT COMPUTER

D280T232

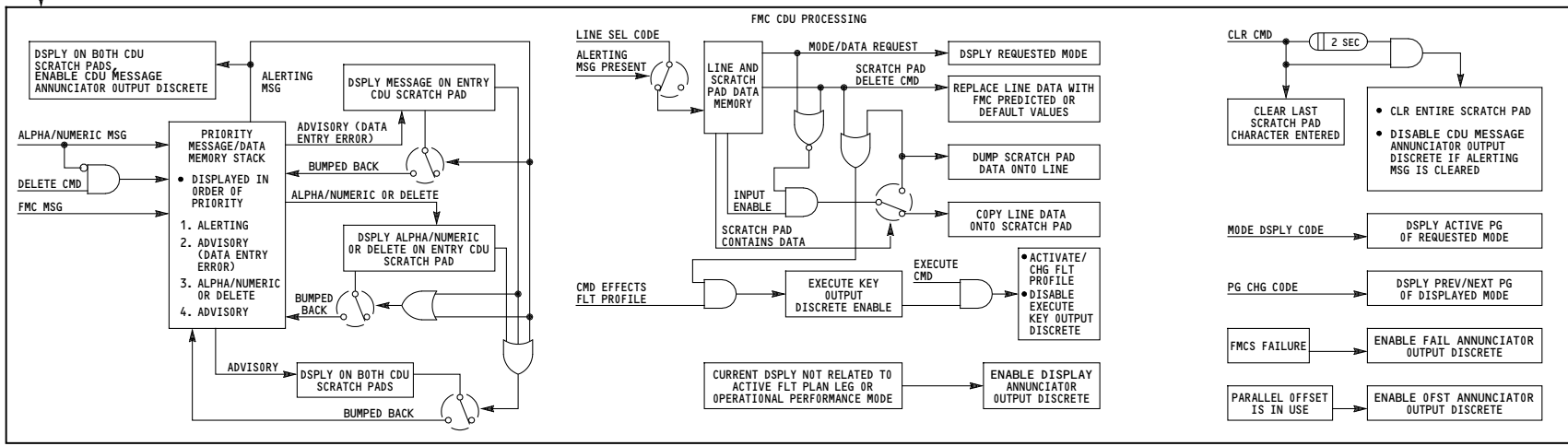
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- A RESET
- B START TEST
- C STOP TEST
- D SYS CLK
- E BITE CONTROL/DATA
- F
- AFDS MCP
 - FMC CDU
 - EFIS CP
 - APL & ENGINE MODELS
 - FLT PLAN/PROGRESS
 - LAT POS/VEL
 - VERT POS/VEL
 - OPT ALT
 - STEP CLB PT
 - ETA/DTG
 - MACH/CAS
 - EPR
 - FUEL QUAN
 - FUEL CONSUMPTION
 - GROSS WT
 - FMC MESSAGES
 - DISCRETE ENABLES
 - HDG REF



275-276

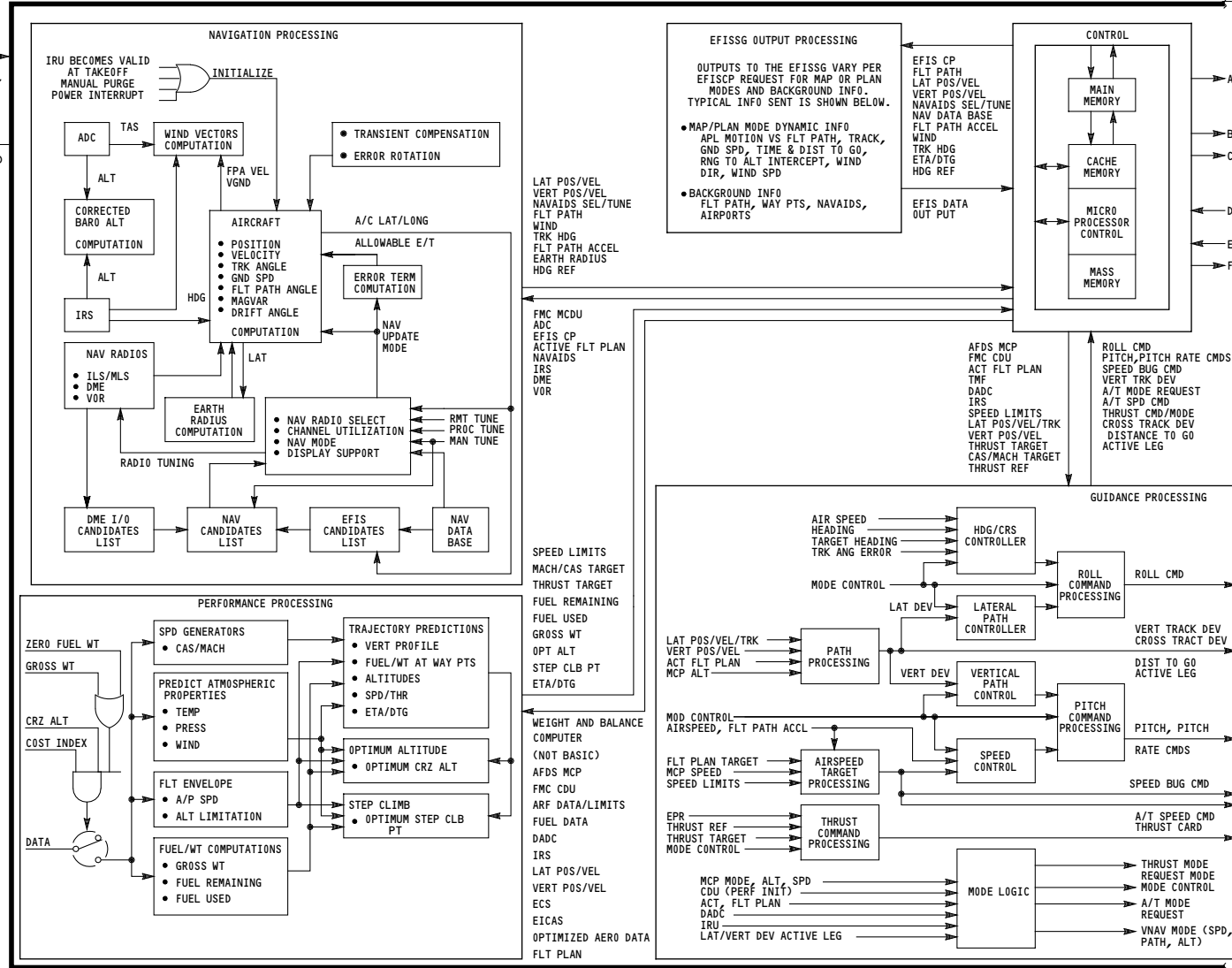
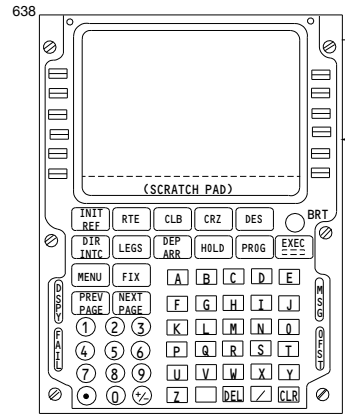
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NOTES:
 ▽ TYPICAL FOR
 L FMC, M134 (E2-2)
 R FMC, M135 (E2-3)

▽ FLT MANAGEMENT CMPTR

Incorporates
 ▽ 34-0131

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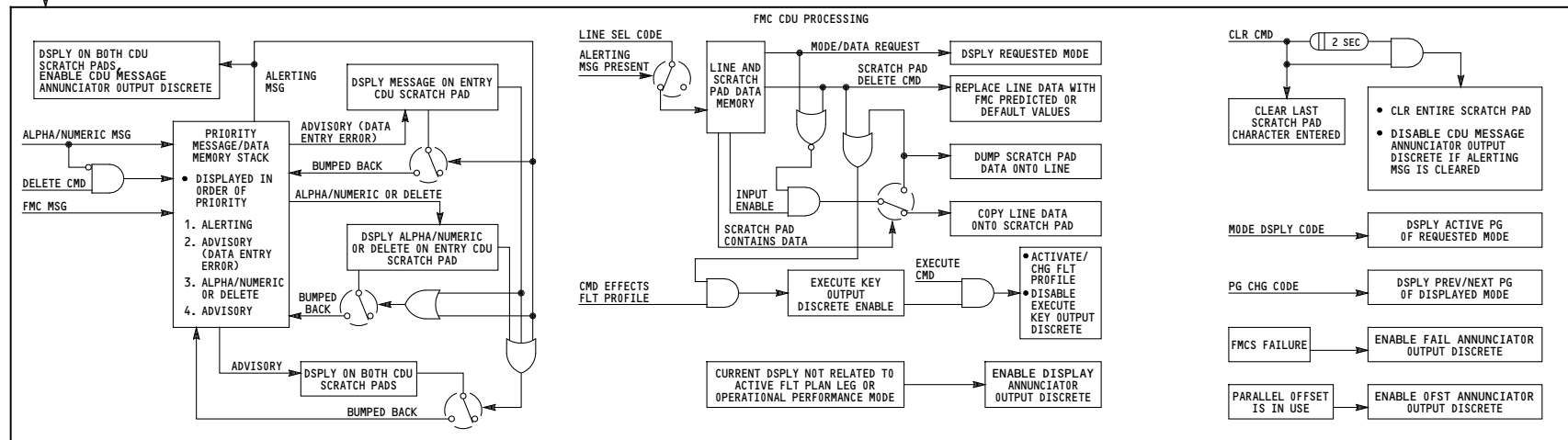
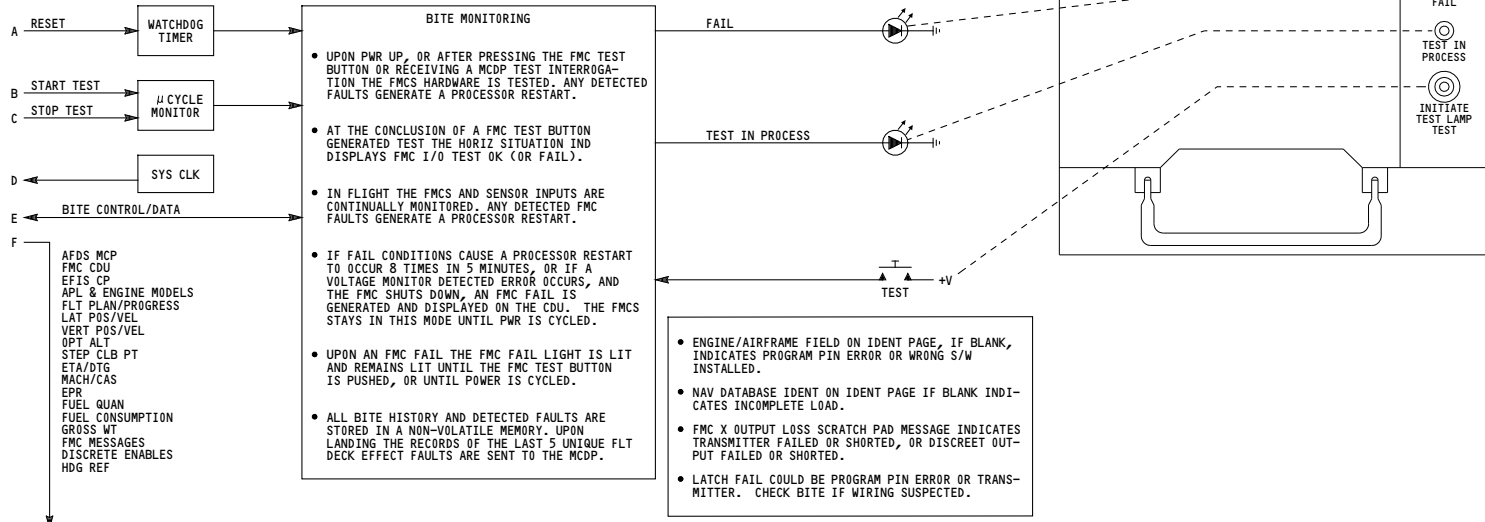
FLIGHT MANAGEMENT COMPUTER

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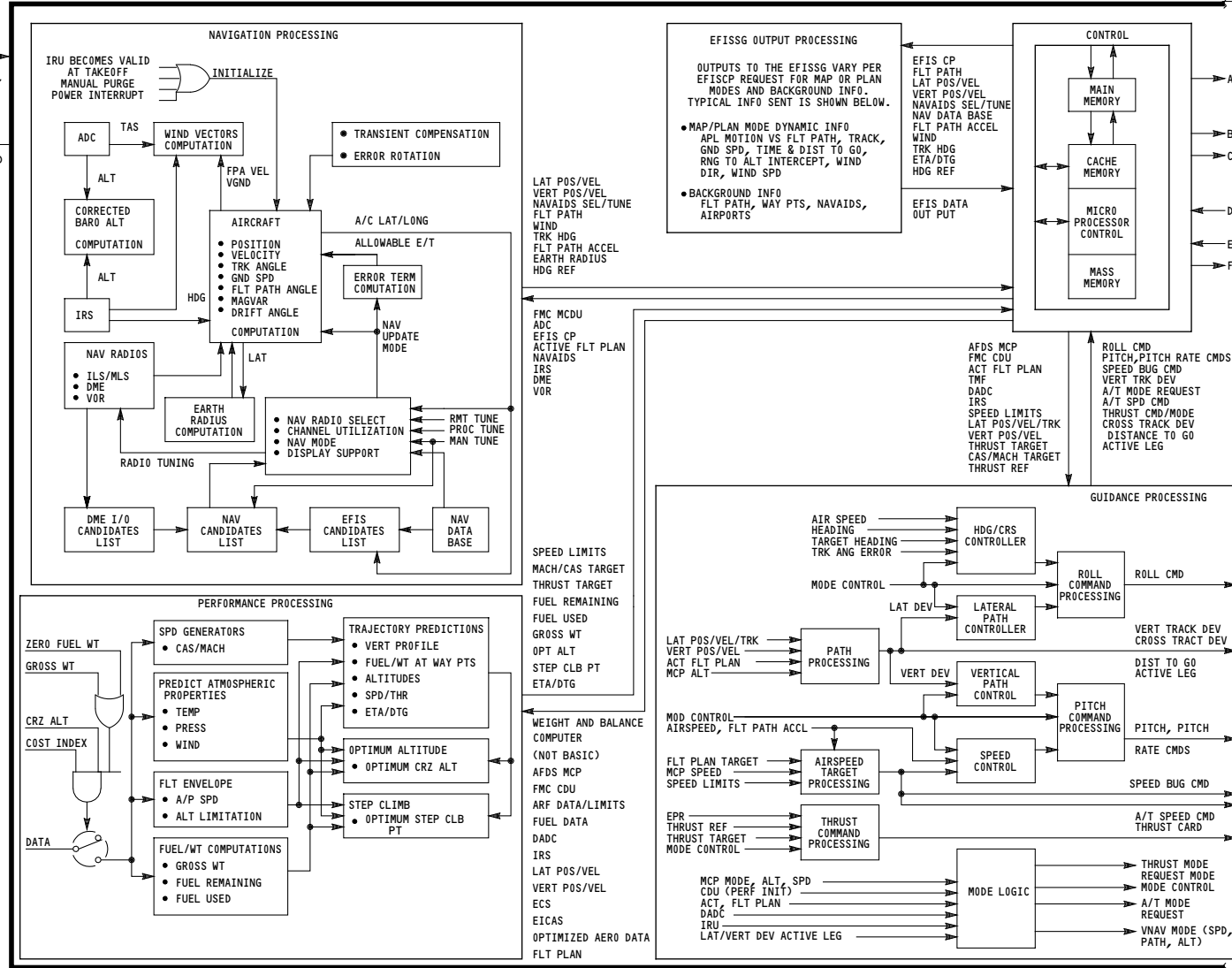
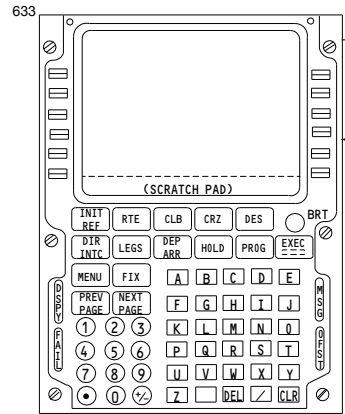
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NOTES:
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 L FMC, M134 (E2-2)
 R FMC, M135 (E2-3)

▽ FLT MANAGEMENT CMPTR

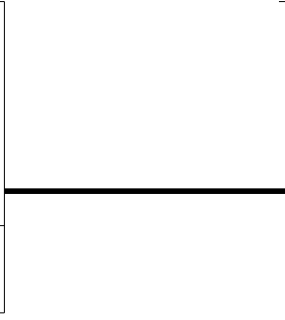
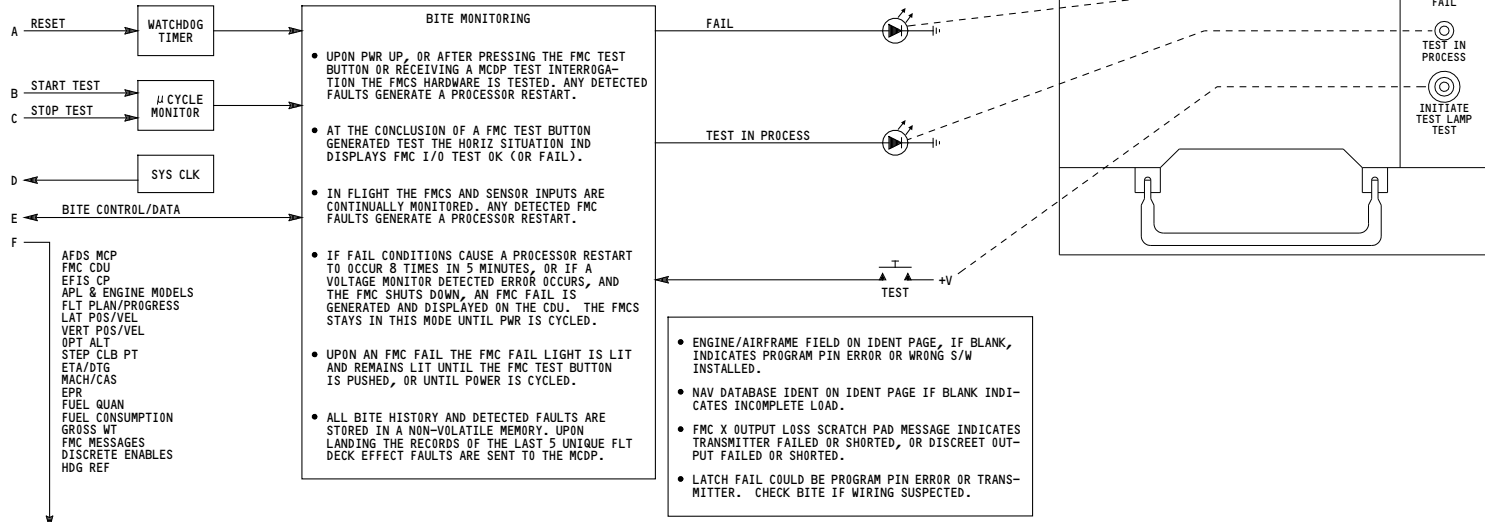
278-299

FLIGHT MANAGEMENT COMPUTER

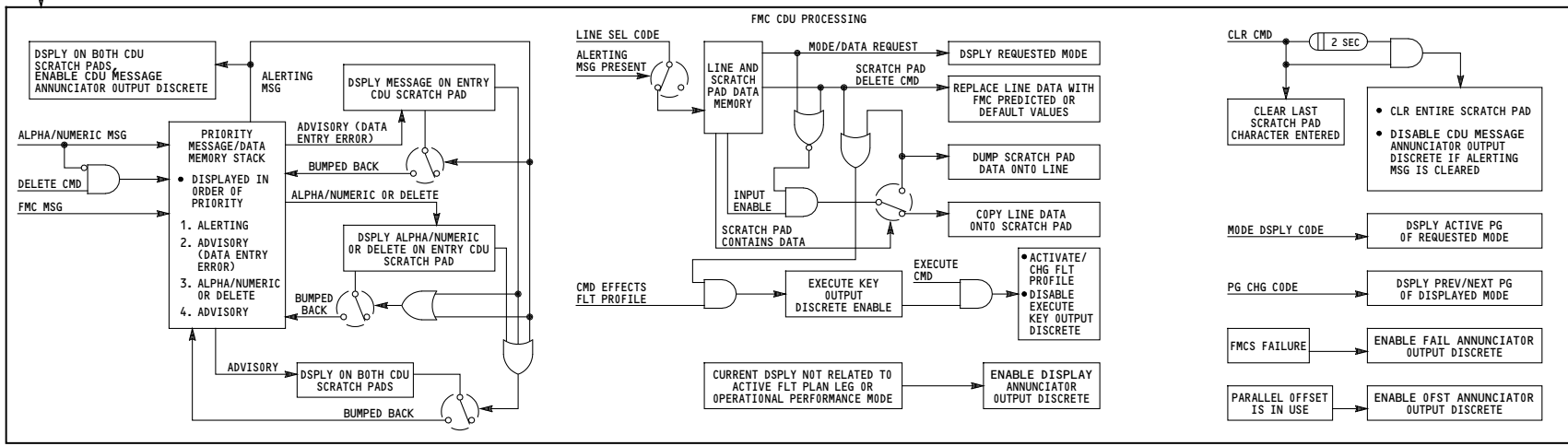
D280T232

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- F
- AFDS MCP
 - FMC CDU
 - EFIS CP
 - APL & ENGINE MODELS
 - FLT PLAN/PROGRESS
 - LAT POS/VEL
 - VERT POS/VEL
 - OPT ALT
 - STEP CLB PT
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 - FUEL CONSUMPTION
 - GROSS WT
 - FMC MESSAGES
 - DISCRETE ENABLES
 - HDG REF



FLT MANAGEMENT CMPTR

278-299

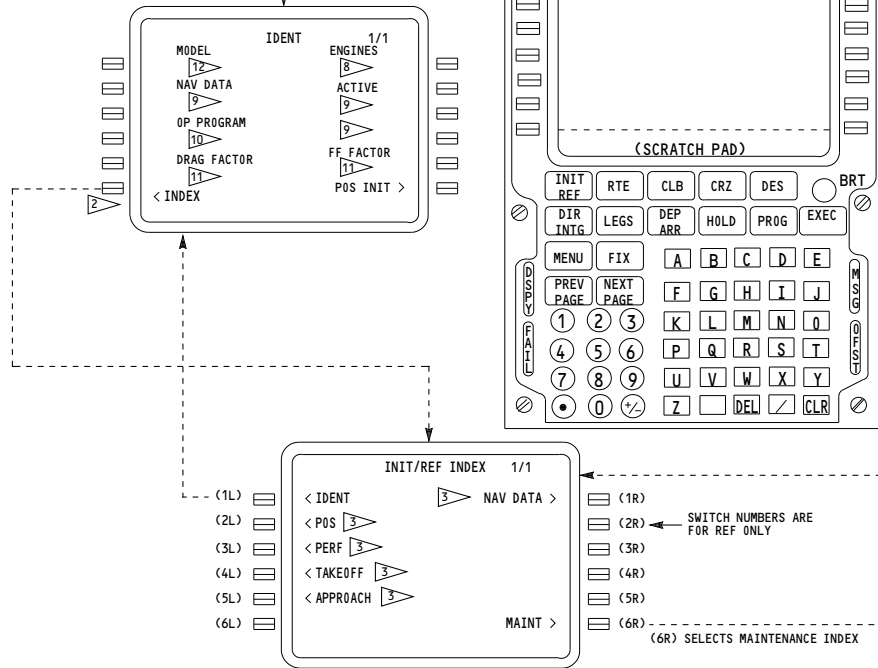
FLIGHT MANAGEMENT COMPUTER

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34-60-01

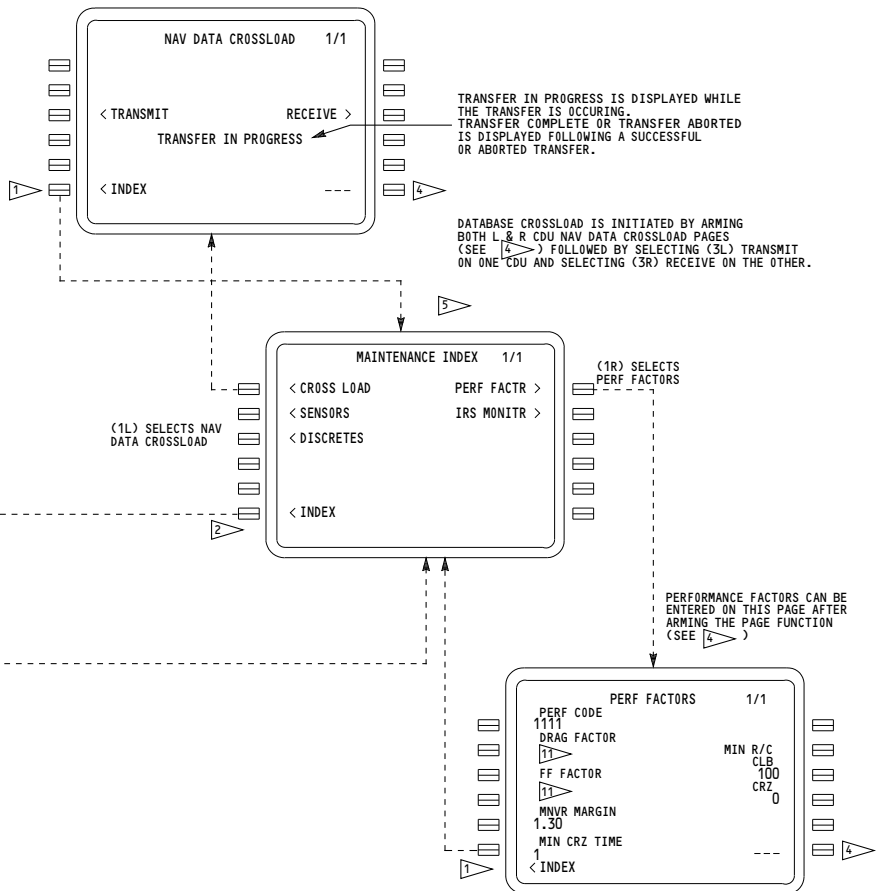
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DISPLAY ON POWER UP AFTER SUCCESSFUL SELF TEST

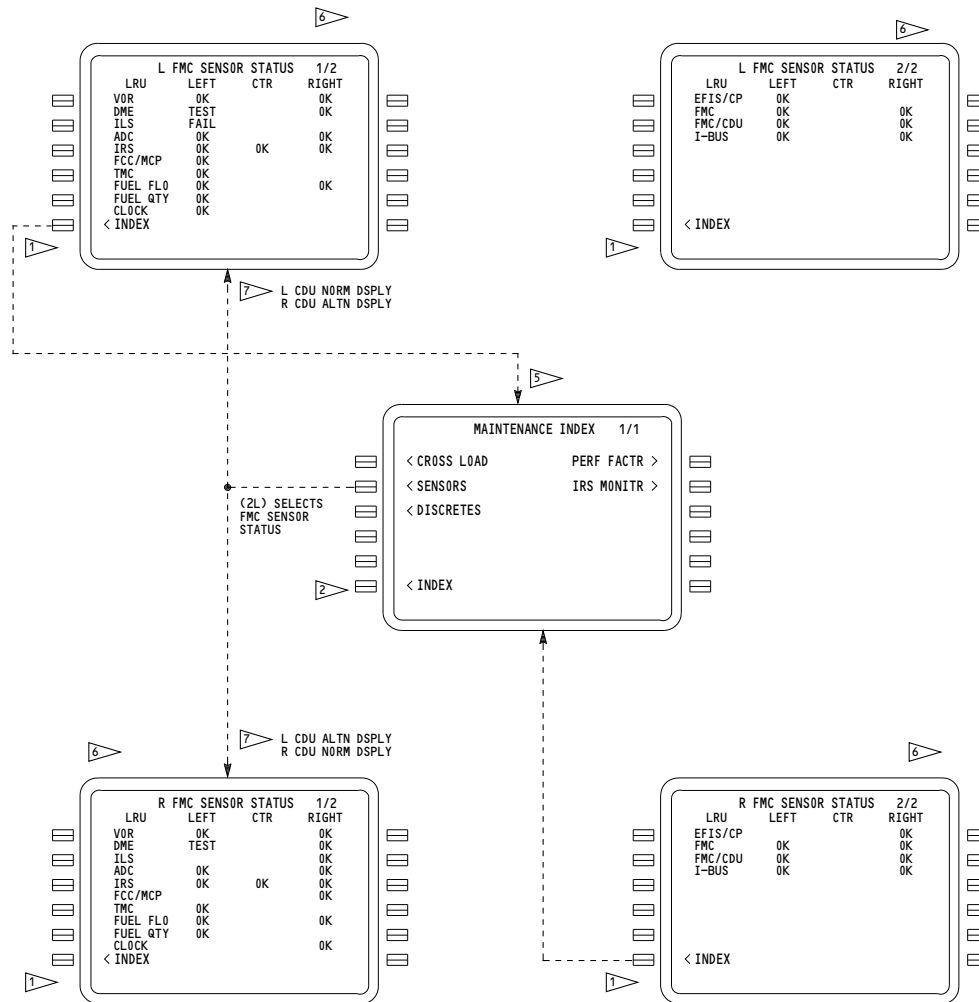
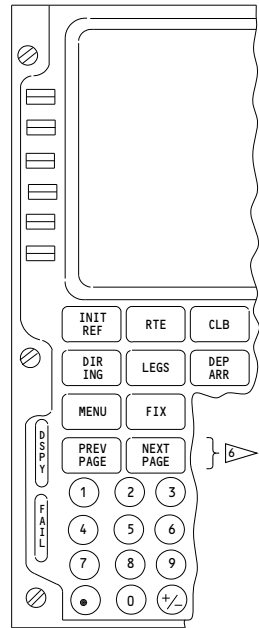


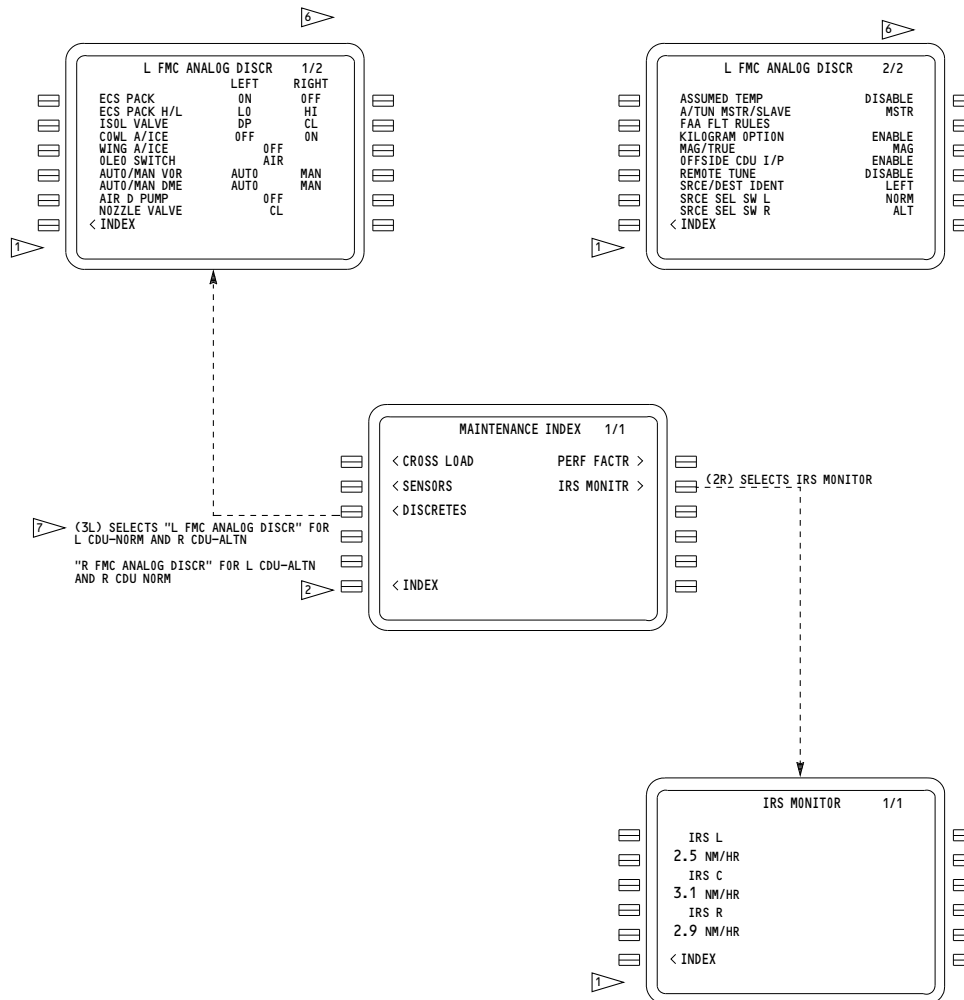
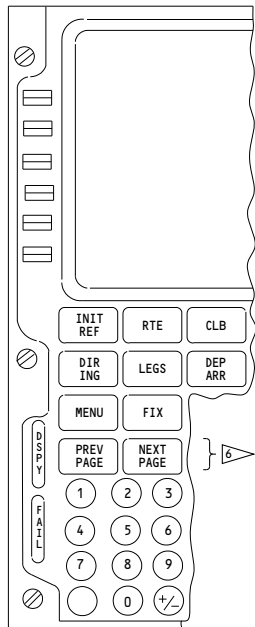
NOTES:

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- 2 (6L) RETURNS YOU TO THE INIT/REF INDEX
- 3 PILOT OPERATING FUNCTIONS
- 4 TYPING ARM IN THE SCRATCH PAD THEN SELECTING LINE 6R ARMS THE PAGE FUNCTION. THE PAGE FUNCTION IS DISARMED WHEN YOU LEAVE THE PAGE.
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- 10 OP PROGRAM ID IS DISPLAYED
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- 12 AIRFRAME IDENTIFICATION IS DISPLAYED



050-099, 155-199	FLIGHT MANAGEMENT COMPUTER SYSTEM MAINTENANCE INDEX
D280T232	





050-099, 155-199

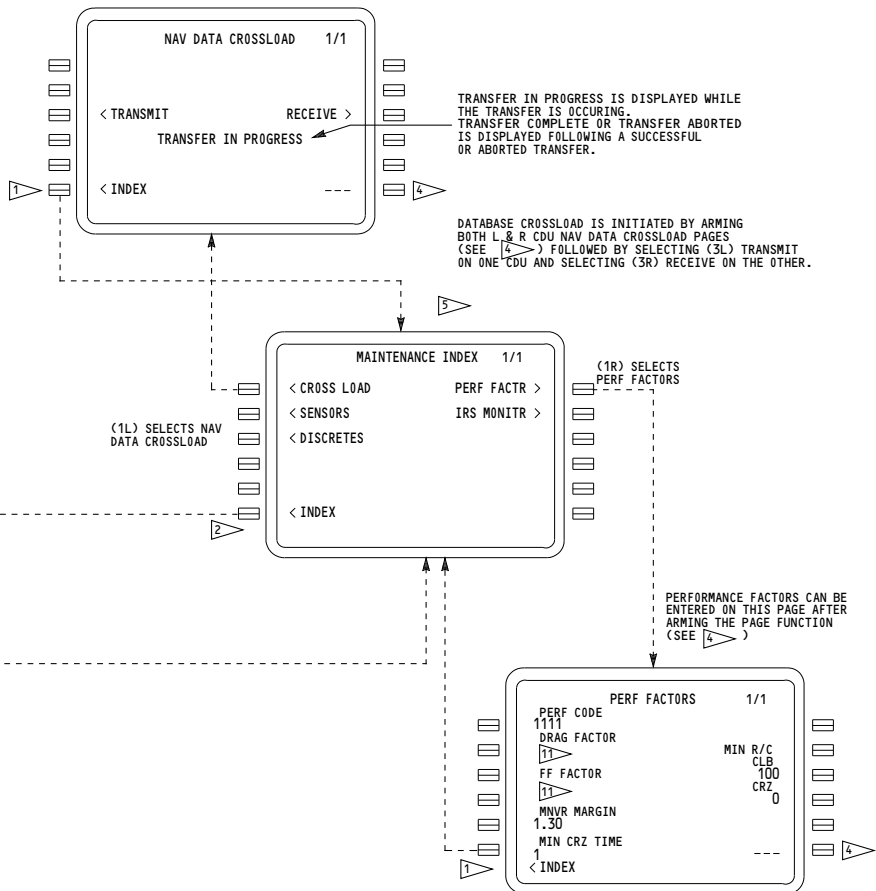
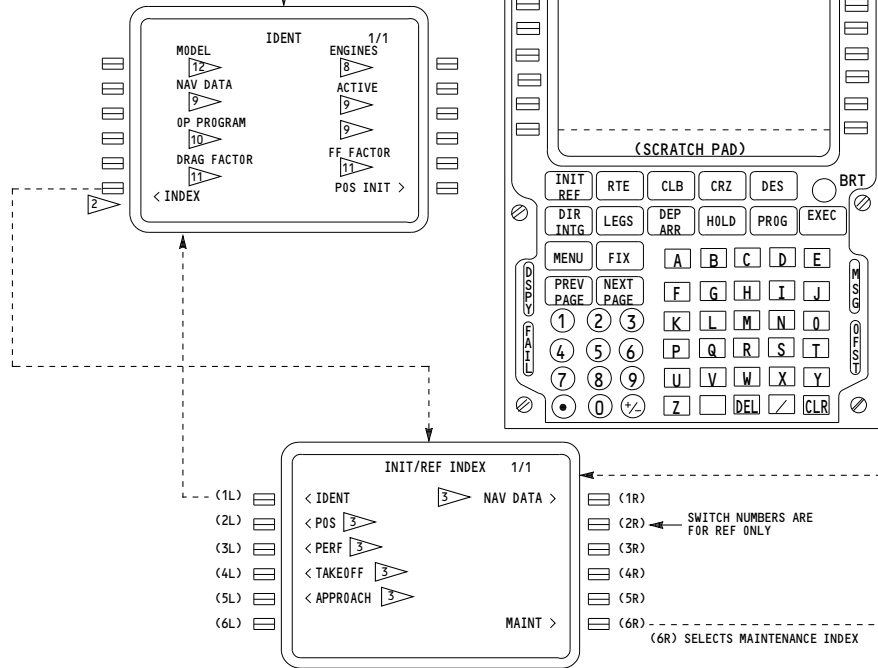
**FLIGHT MANAGEMENT
COMPUTER SYSTEM
MAINTENANCE INDEX**

D280T232

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619

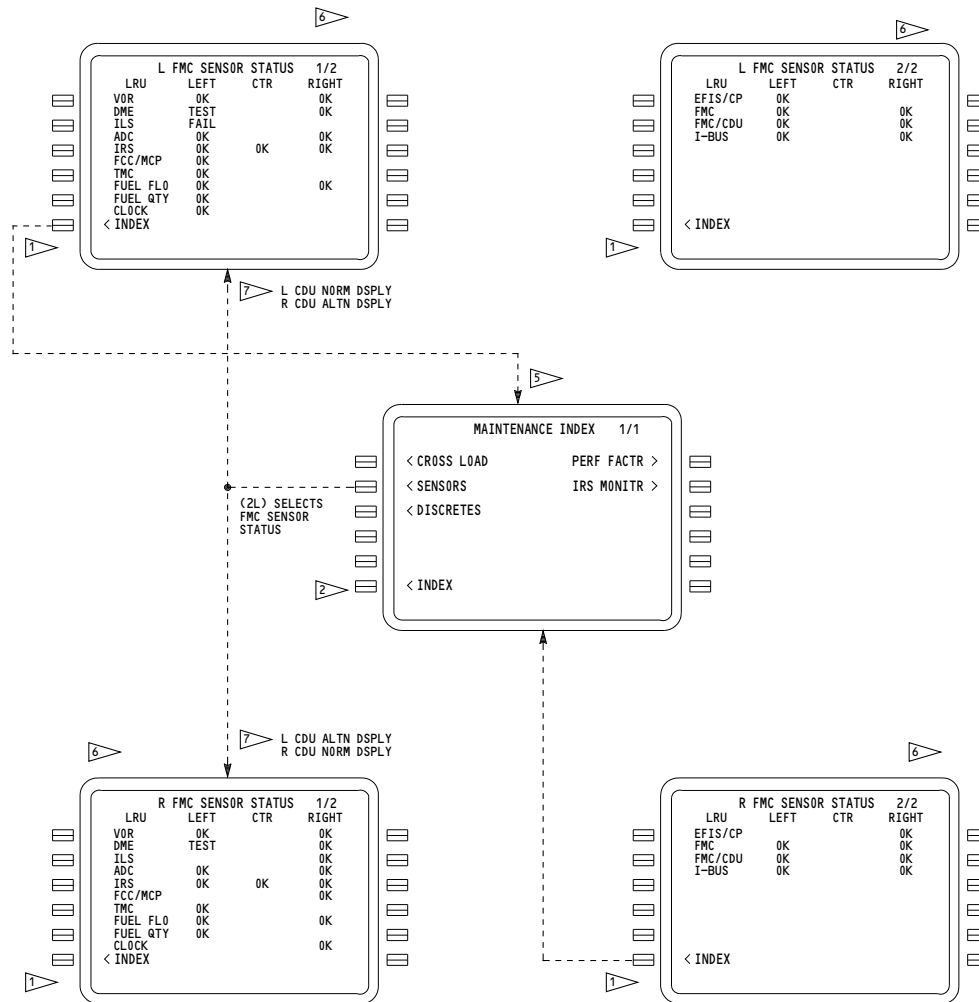
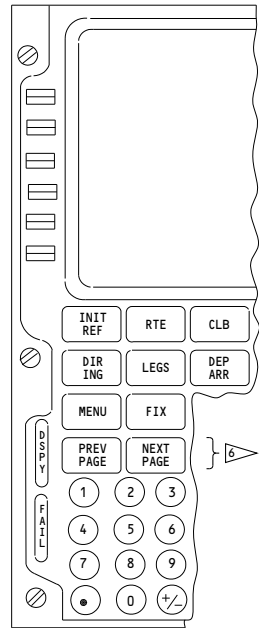
DISPLAY ON POWER UP AFTER SUCCESSFUL SELF TEST

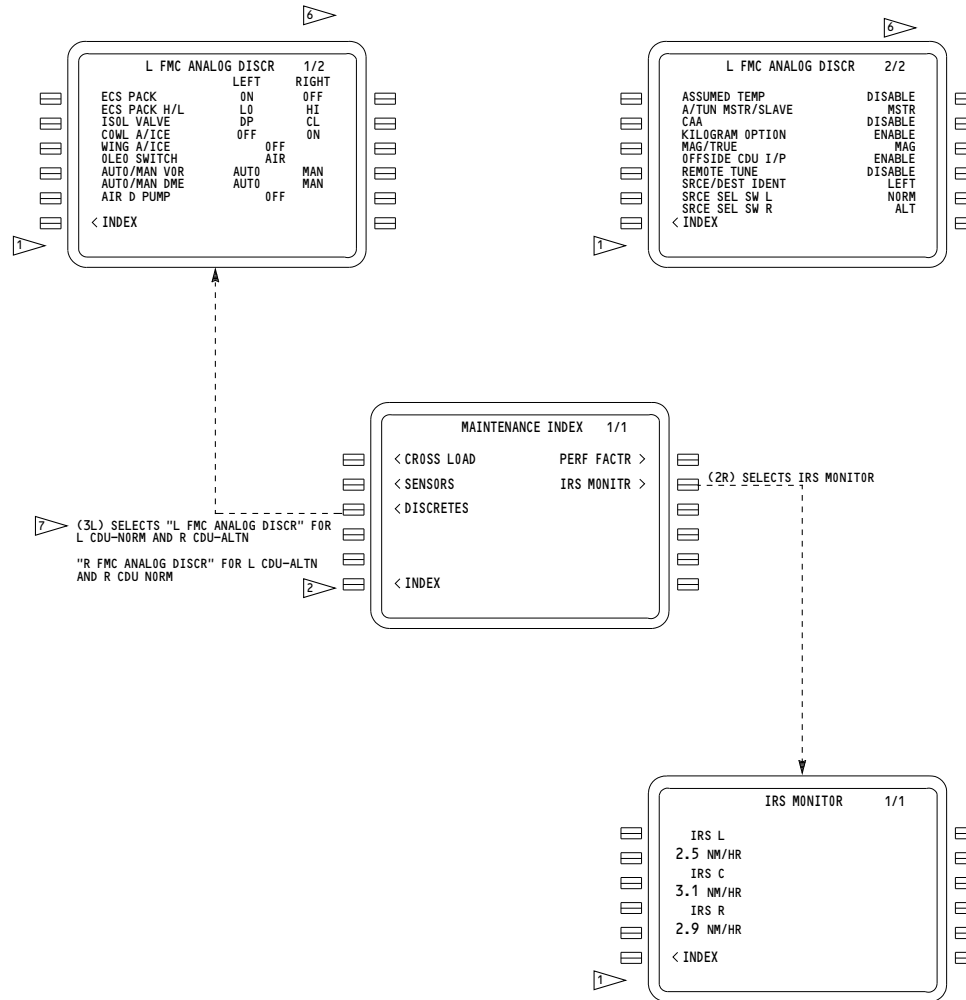
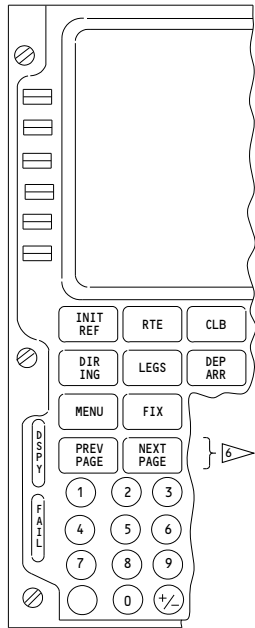


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 - 11 ACCEPTABLE RANGE IS +9.9 TO -5.0
 - 12 AIRFRAME IDENTIFICATION IS DISPLAYED

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D280T232	

34-60-02

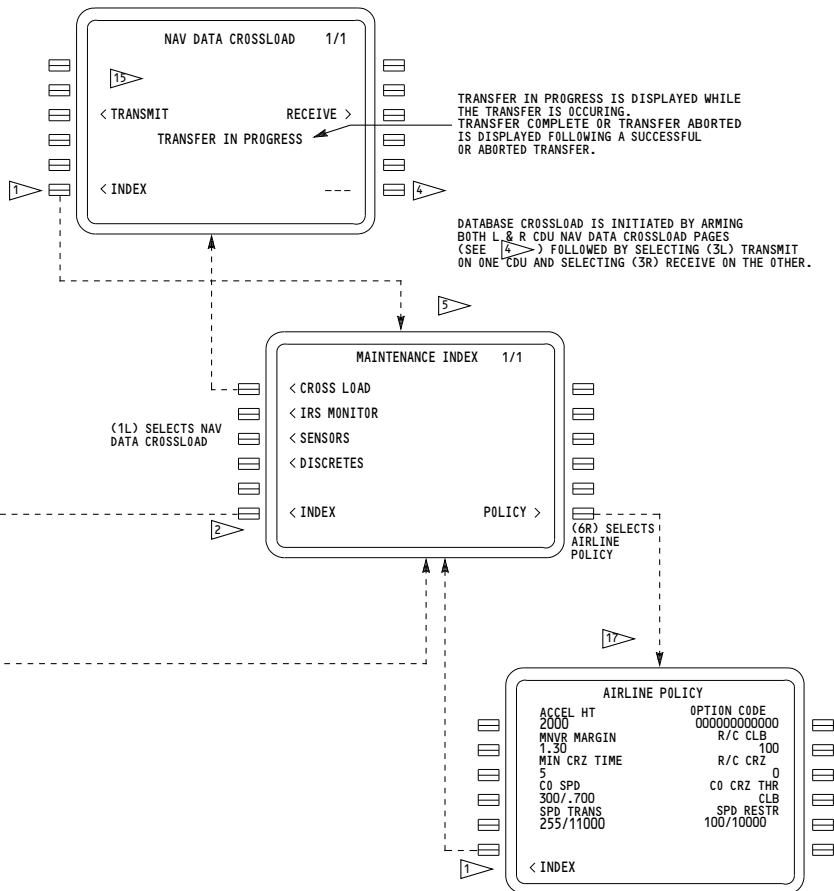
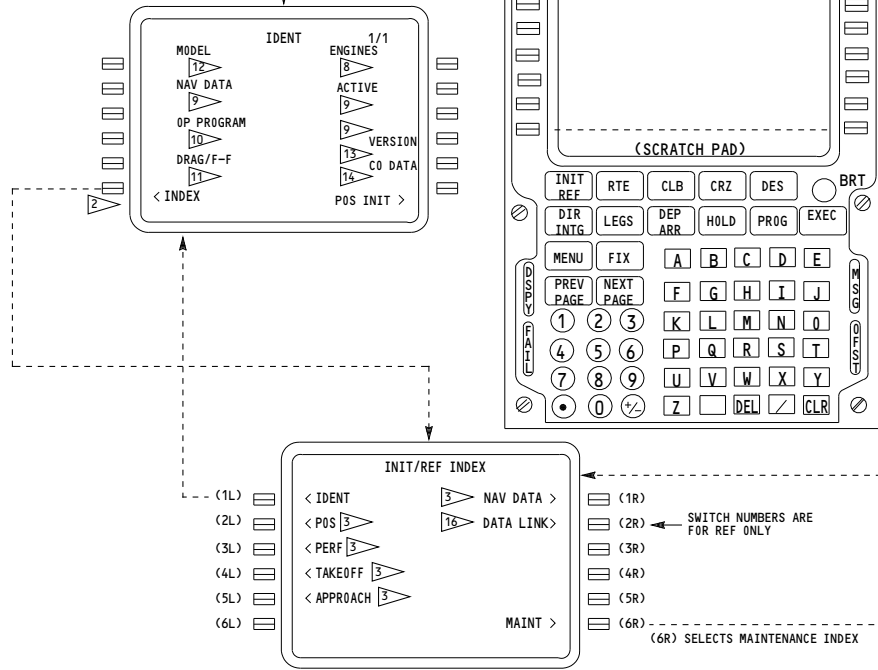




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DISPLAY ON POWER UP AFTER SUCCESSFUL SELF TEST



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- 14 DISPLAYS AIRLINE POLICY FILE IDENTIFIER IN LARGE FONT
- 15 LINE (2L) DISPLAYS ACTIVE NAV/DATA BASE ID
- 16 DISPLAYS ONLY WHEN DATA LINK OPTION IS SET
- 17 THESE OPTIONS ARE CUSTOMER SPECIFIC DEFINED IN THE AIRLINE POLICY FILE

275-276

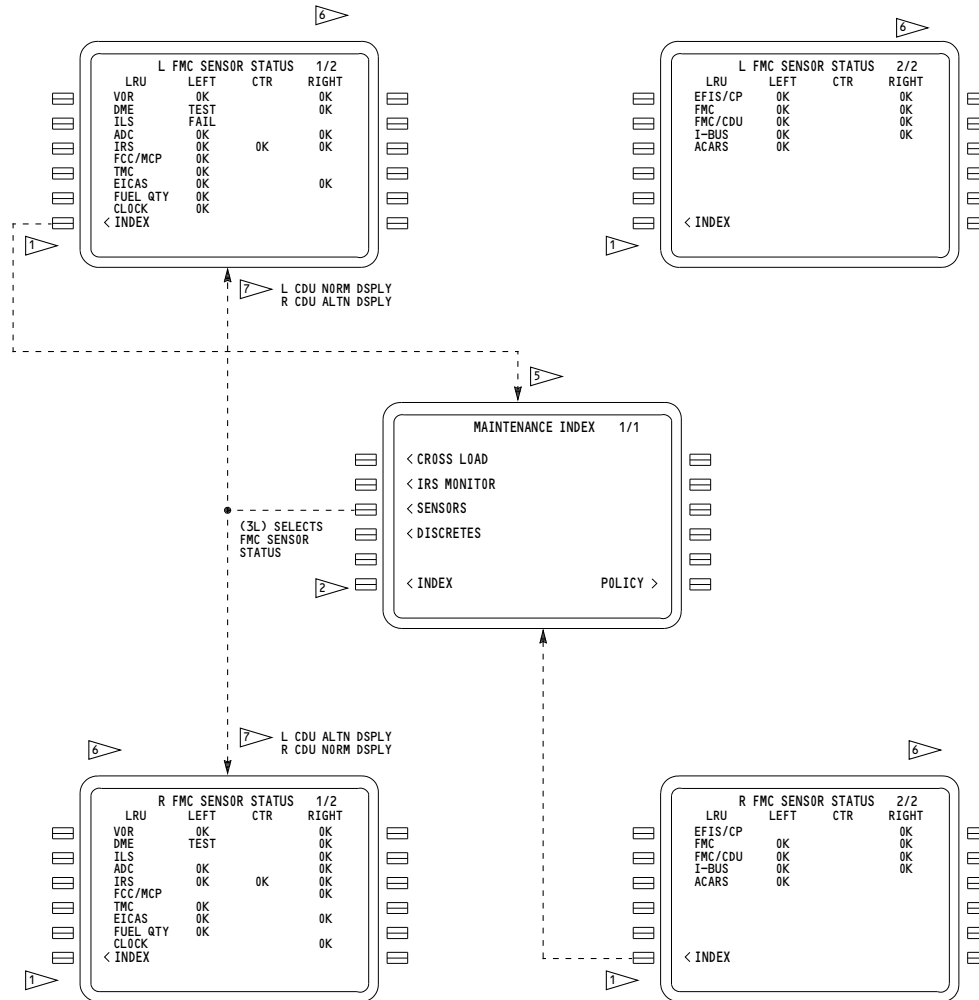
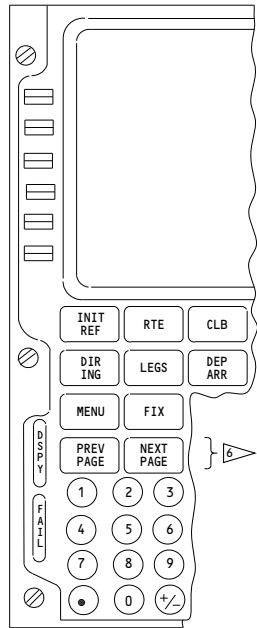
**FLIGHT MANAGEMENT
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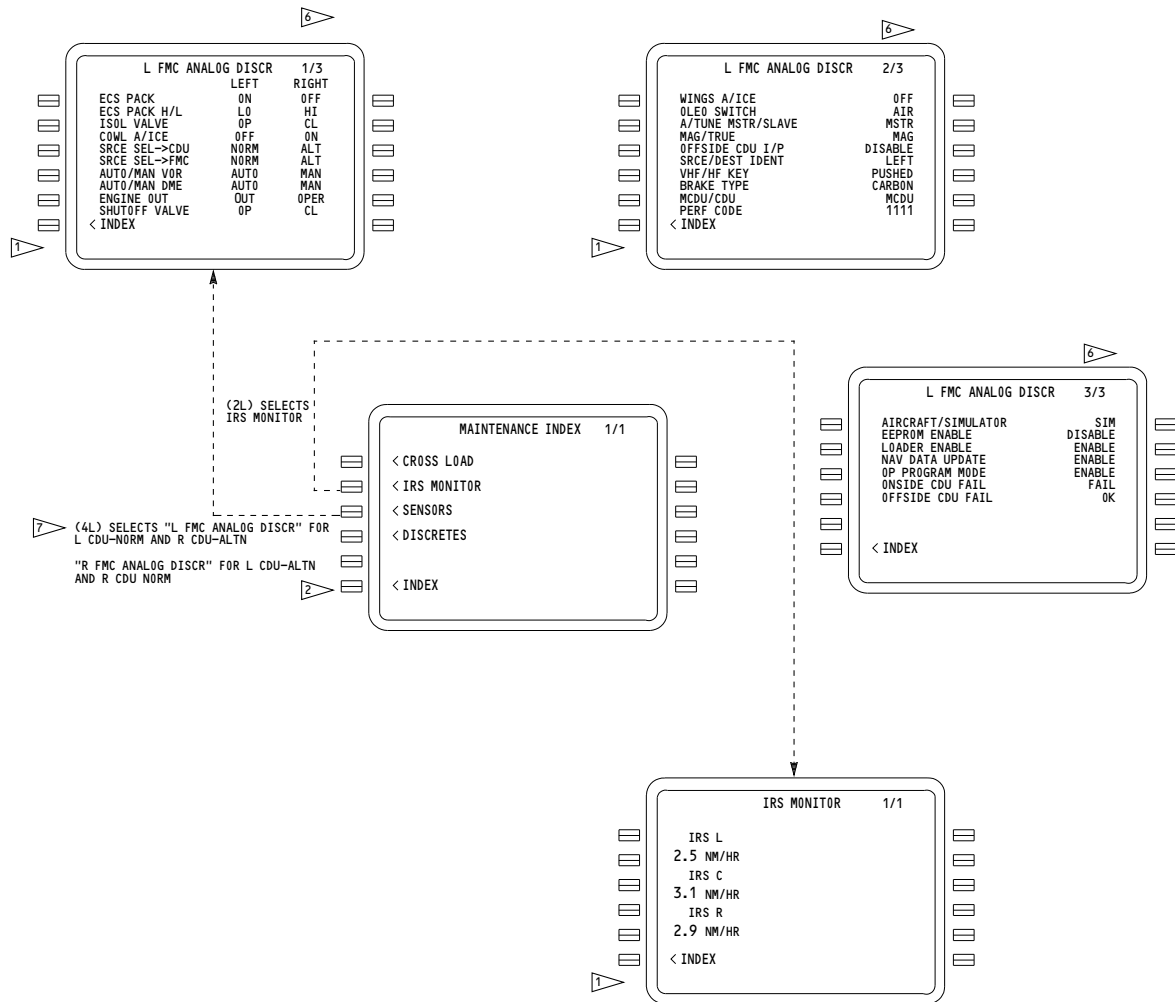
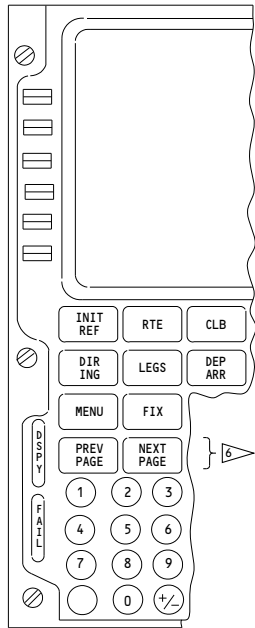
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COMPUTER SYSTEM
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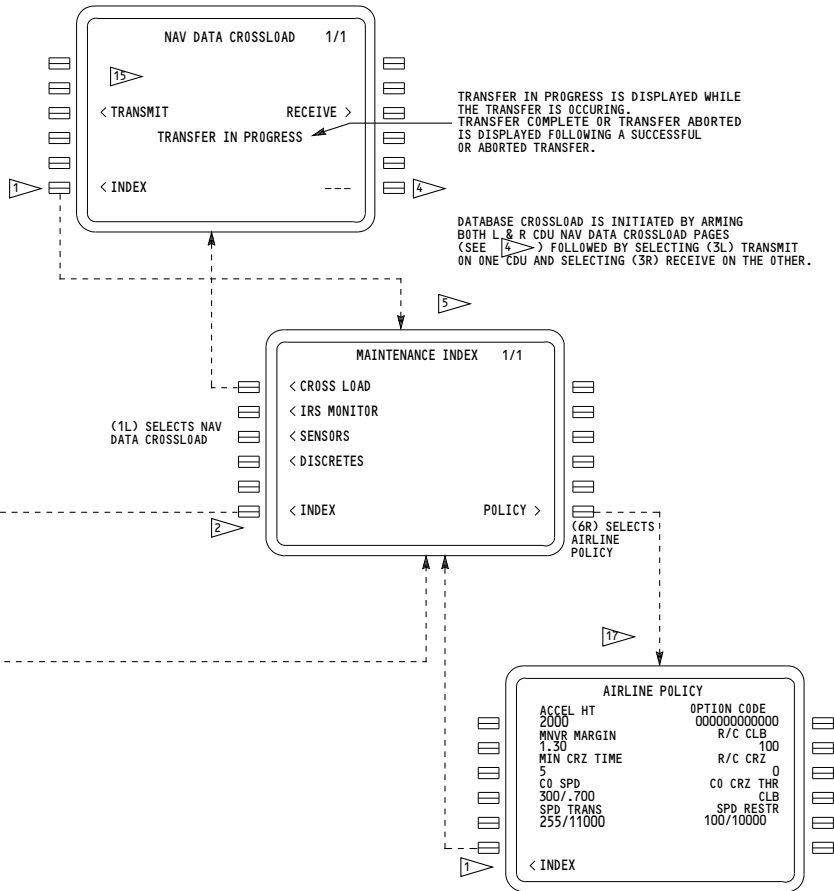
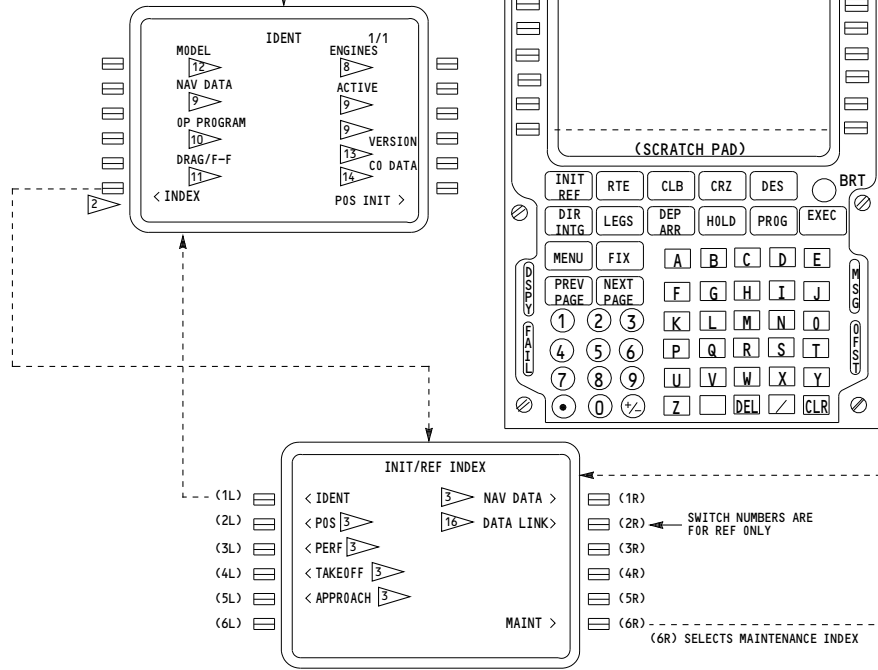
34-60-02

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DISPLAY ON POWER UP AFTER SUCCESSFUL SELF TEST



NOTES:

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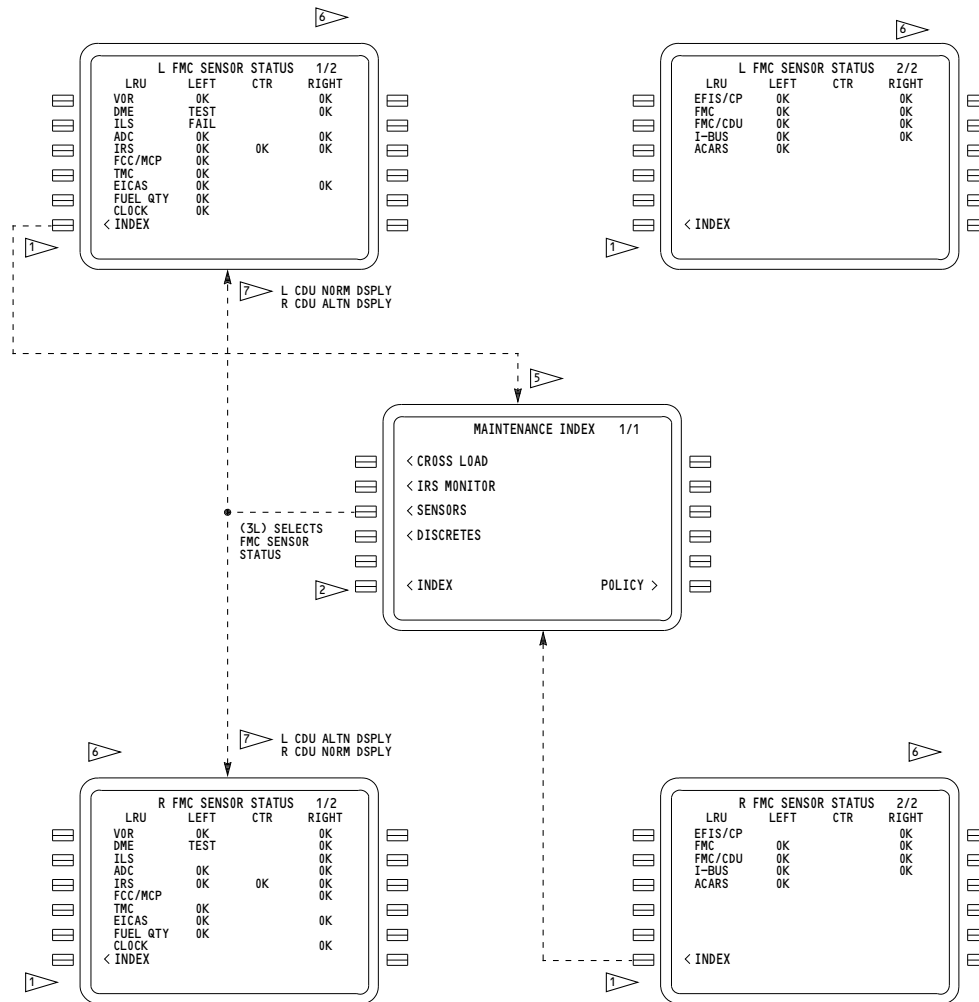
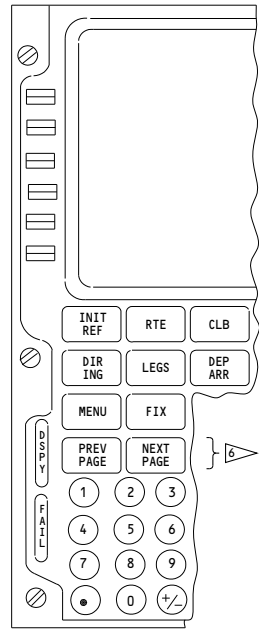
**FLIGHT MANAGEMENT
COMPUTER SYSTEM
MAINTENANCE INDEX**

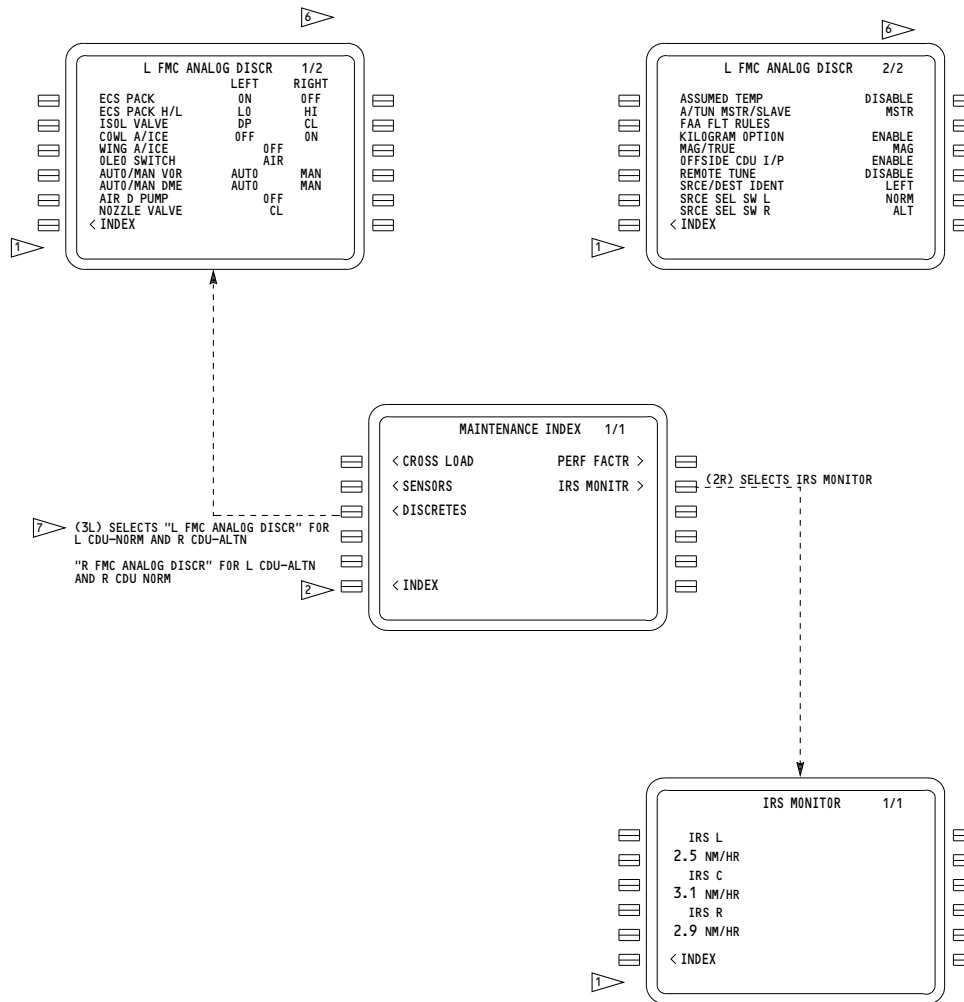
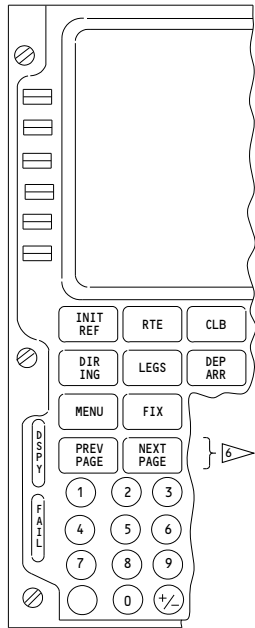
Incorporates
34-0131

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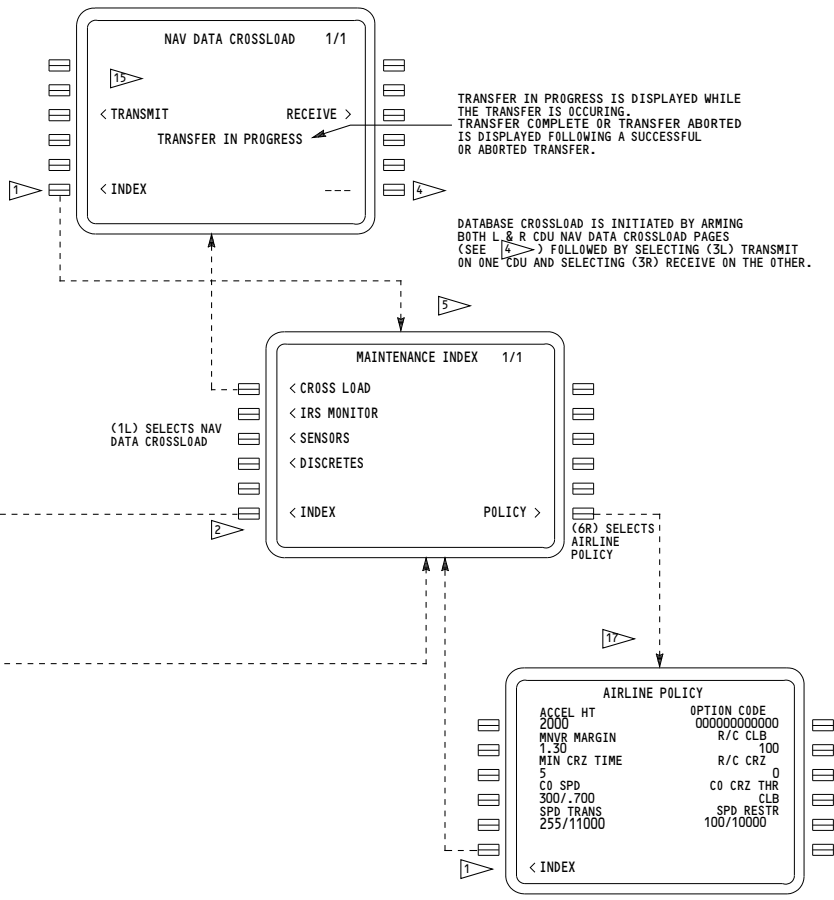
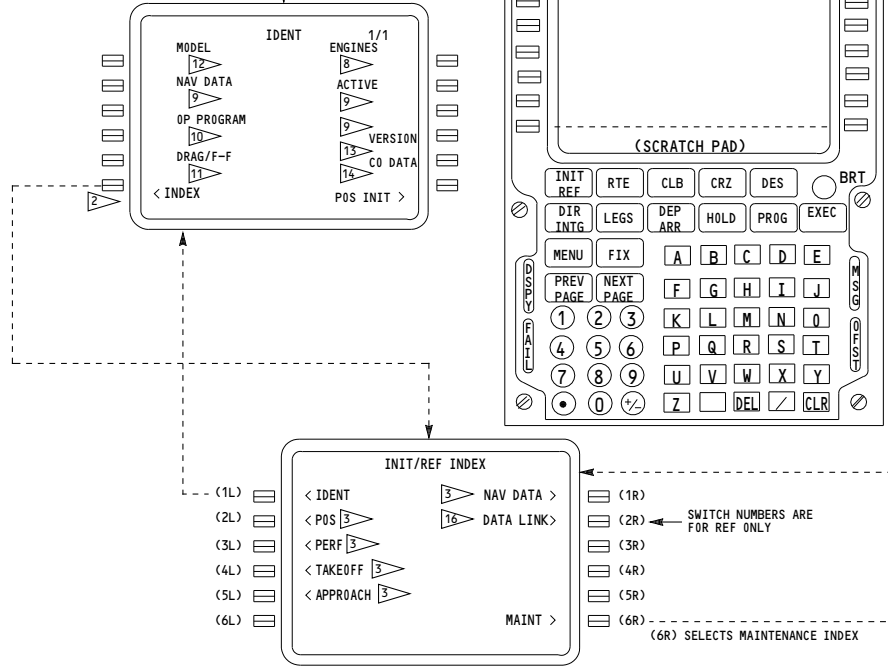




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633

DISPLAY ON POWER UP AFTER SUCCESSFUL SELF TEST

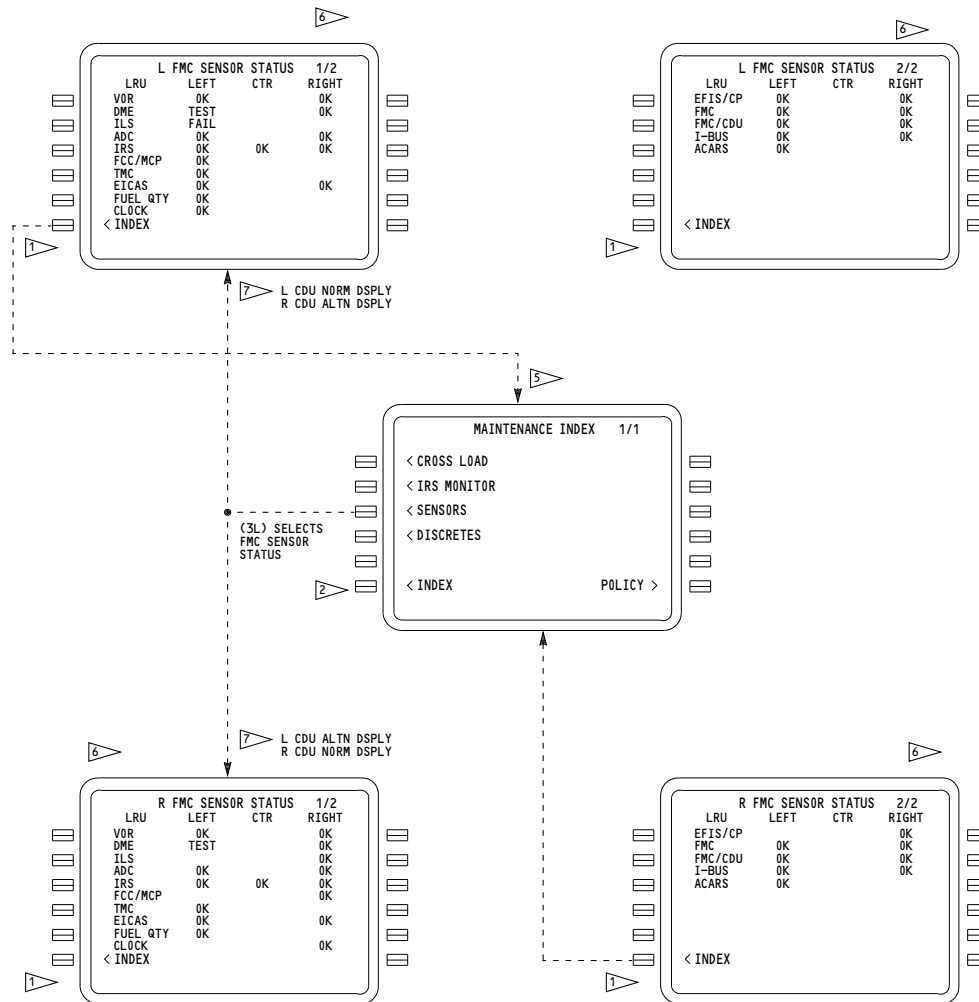
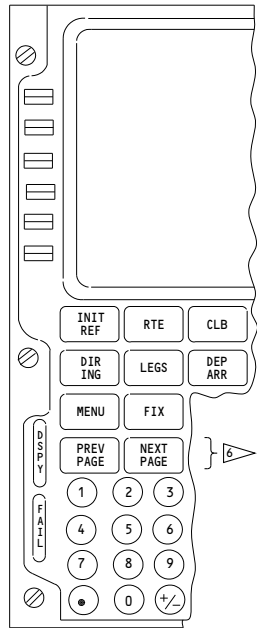


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278-299	FLIGHT MANAGEMENT COMPUTER SYSTEM MAINTENANCE INDEX
D280T232	

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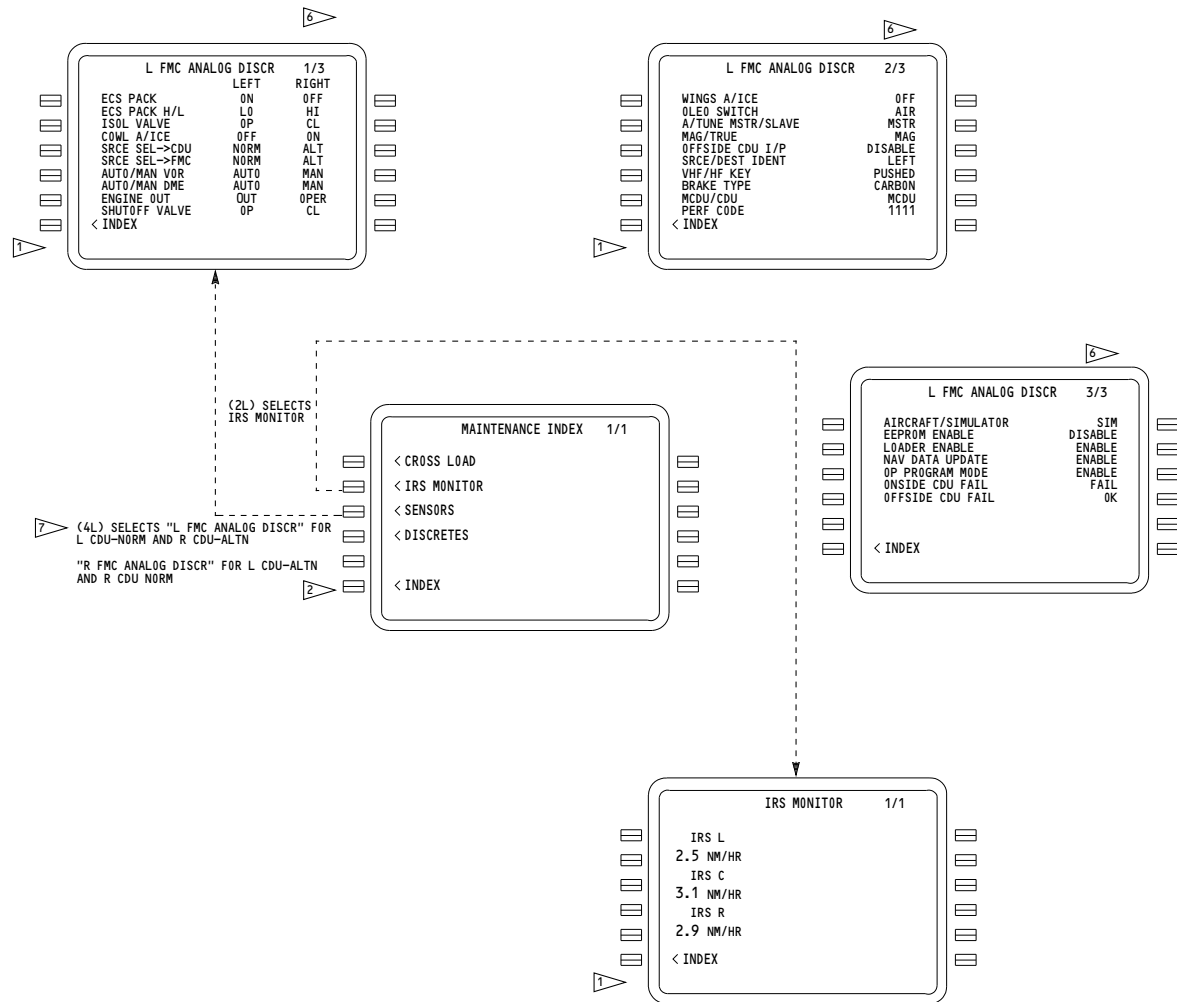
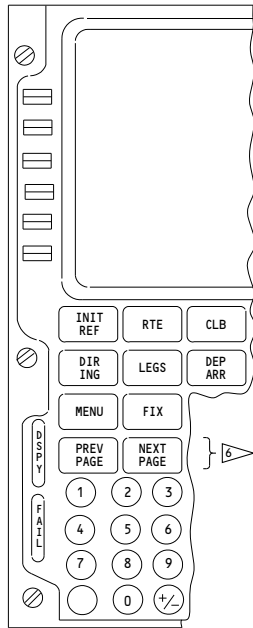
278-299

**FLIGHT MANAGEMENT
COMPUTER SYSTEM
MAINTENANCE INDEX**

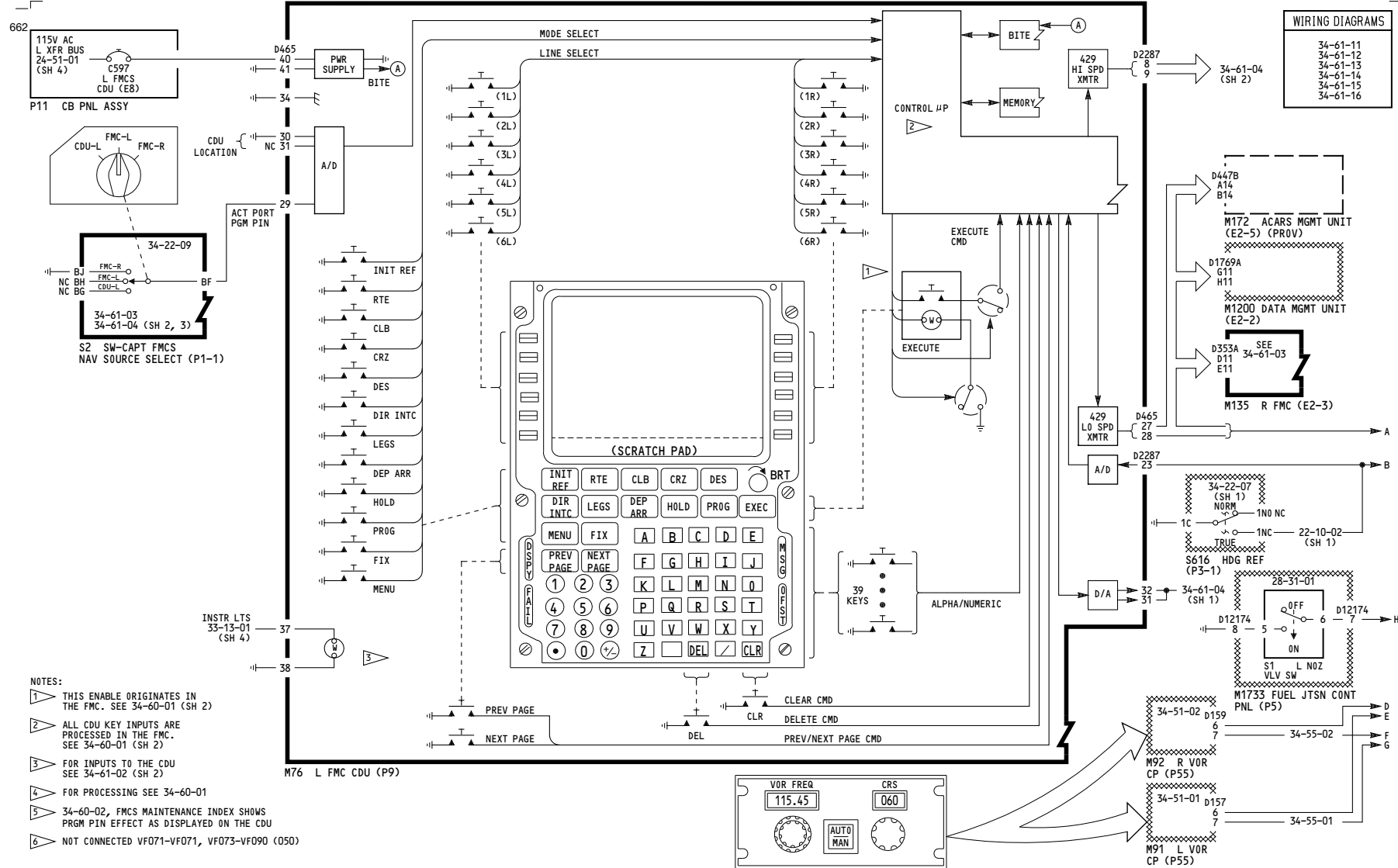
D280T232

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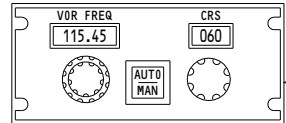


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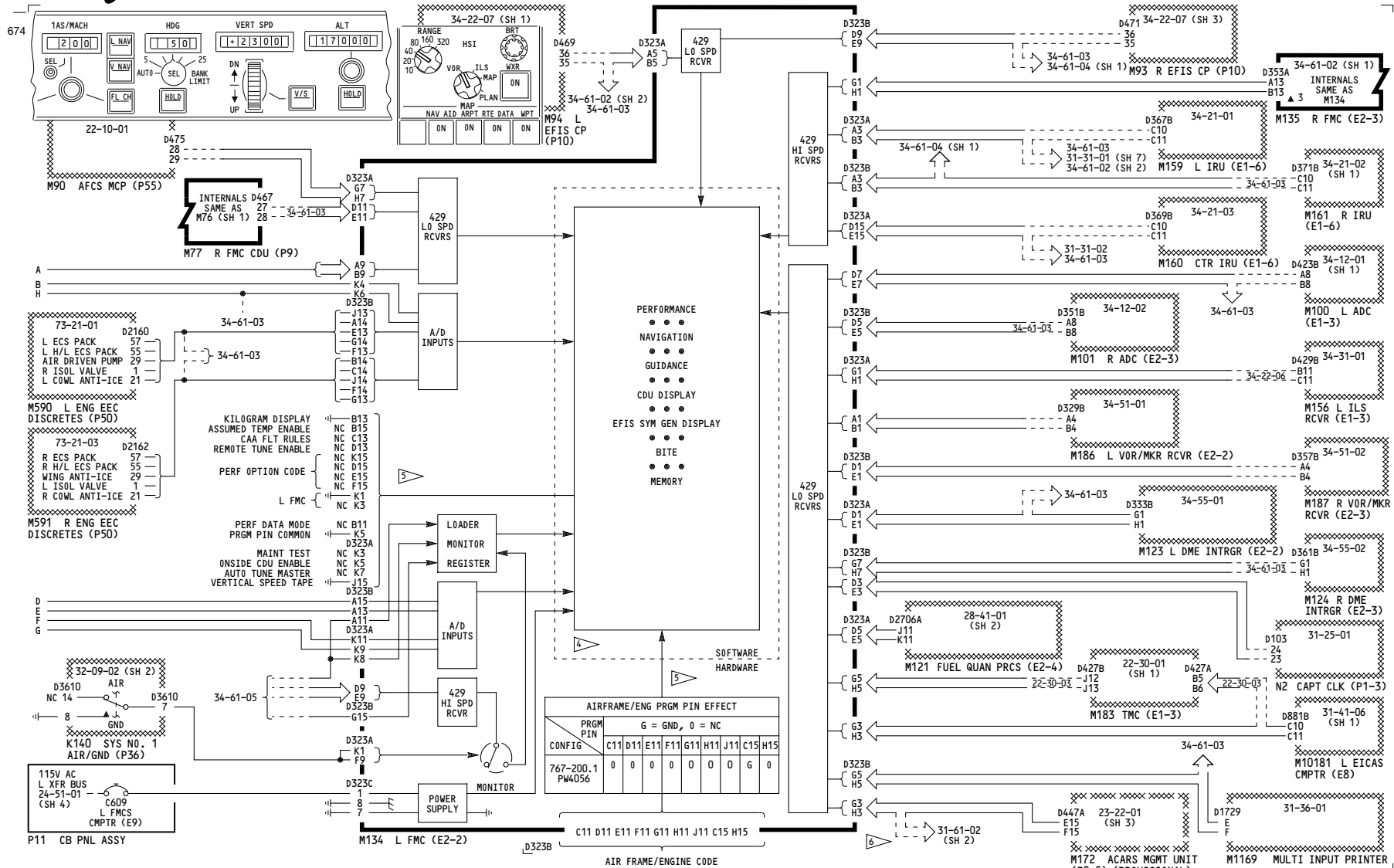


WIRING DIAGRAMS	
34-61-11	
34-61-12	
34-61-13	
34-61-14	
34-61-15	
34-61-16	

050	<p>FLIGHT MANAGEMENT COMPUTER INPUTS- LEFT</p> <p>D280T232</p>
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34-61-01

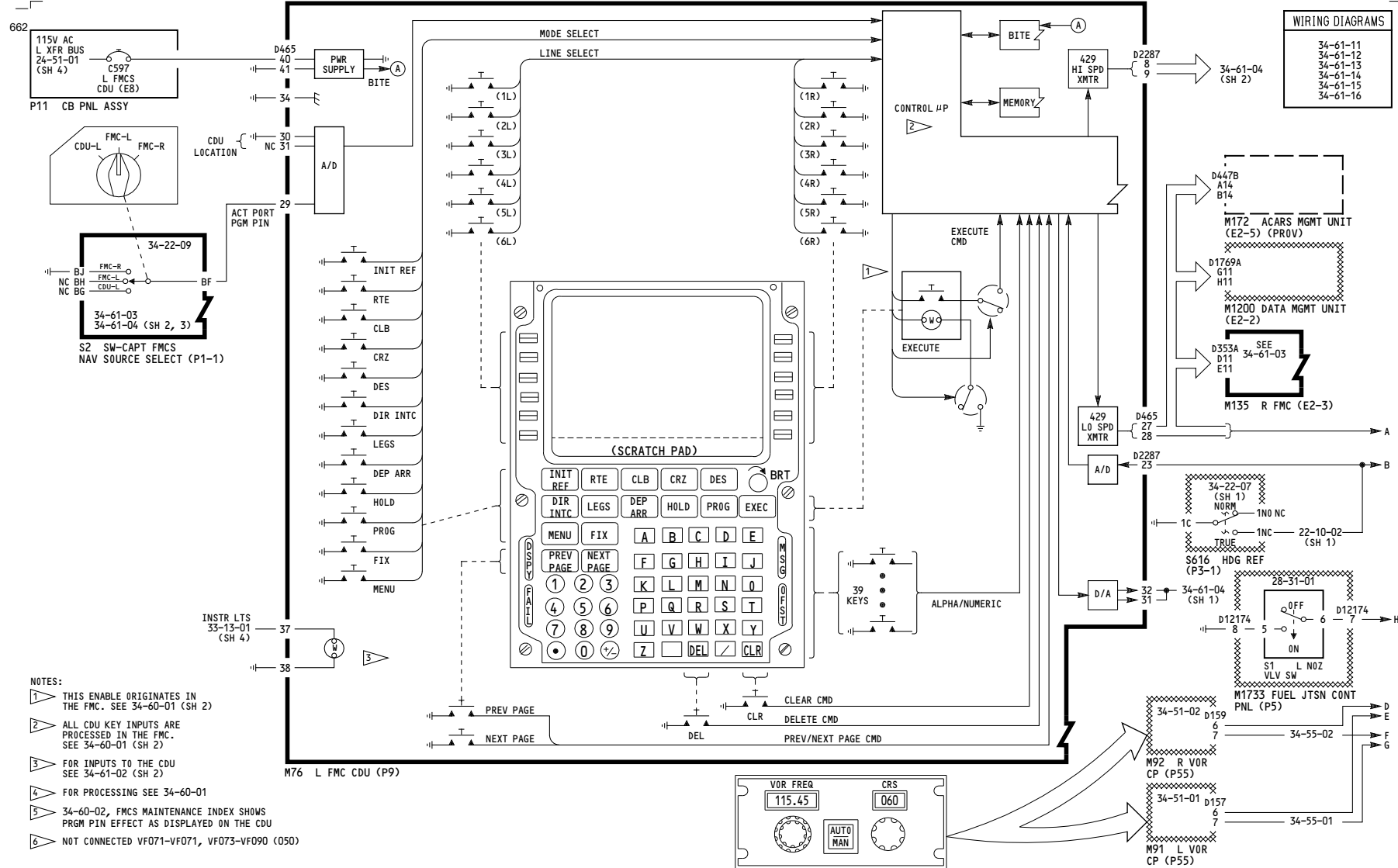


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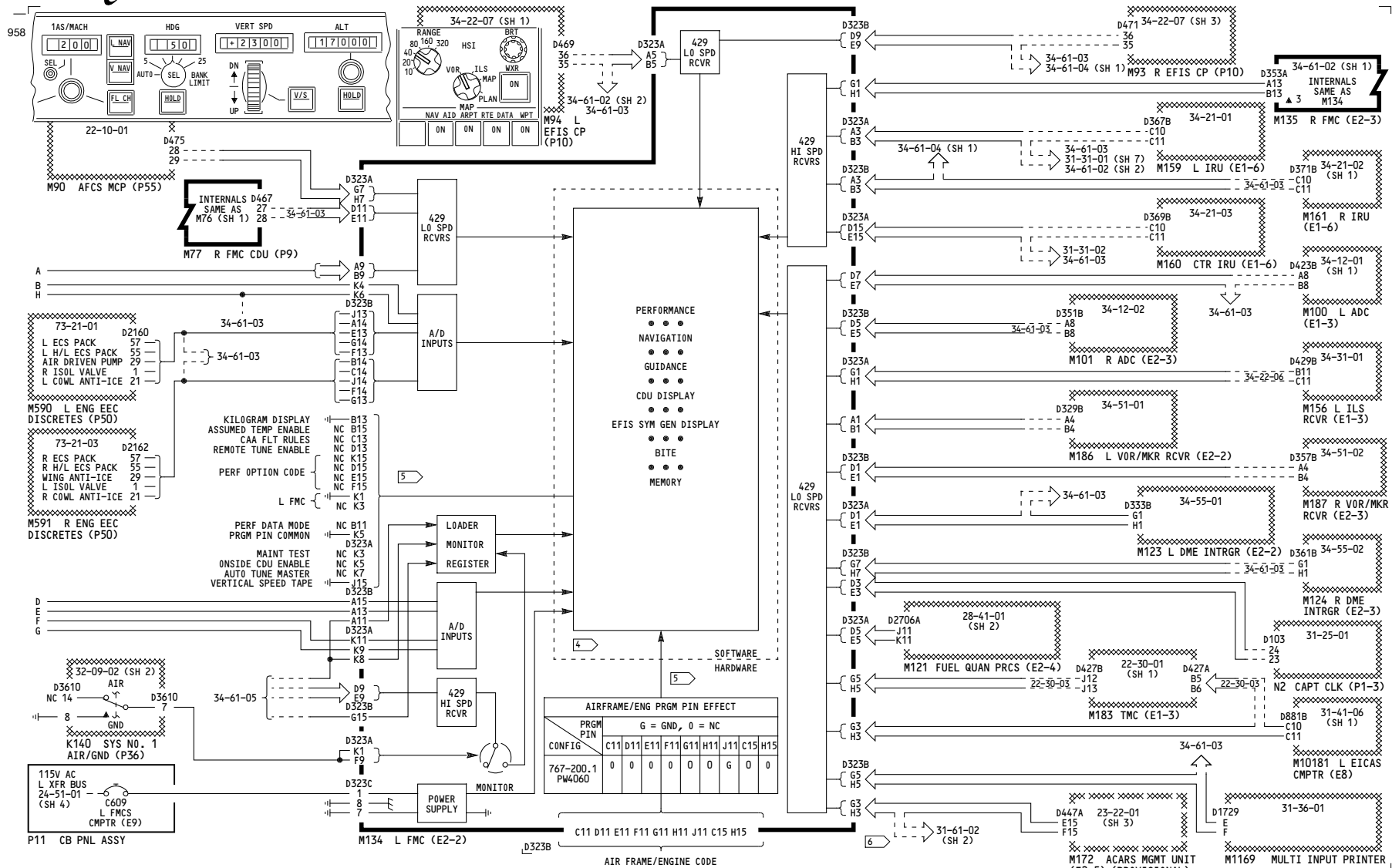
**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

D280T232

34-61-01



34-61-01



050

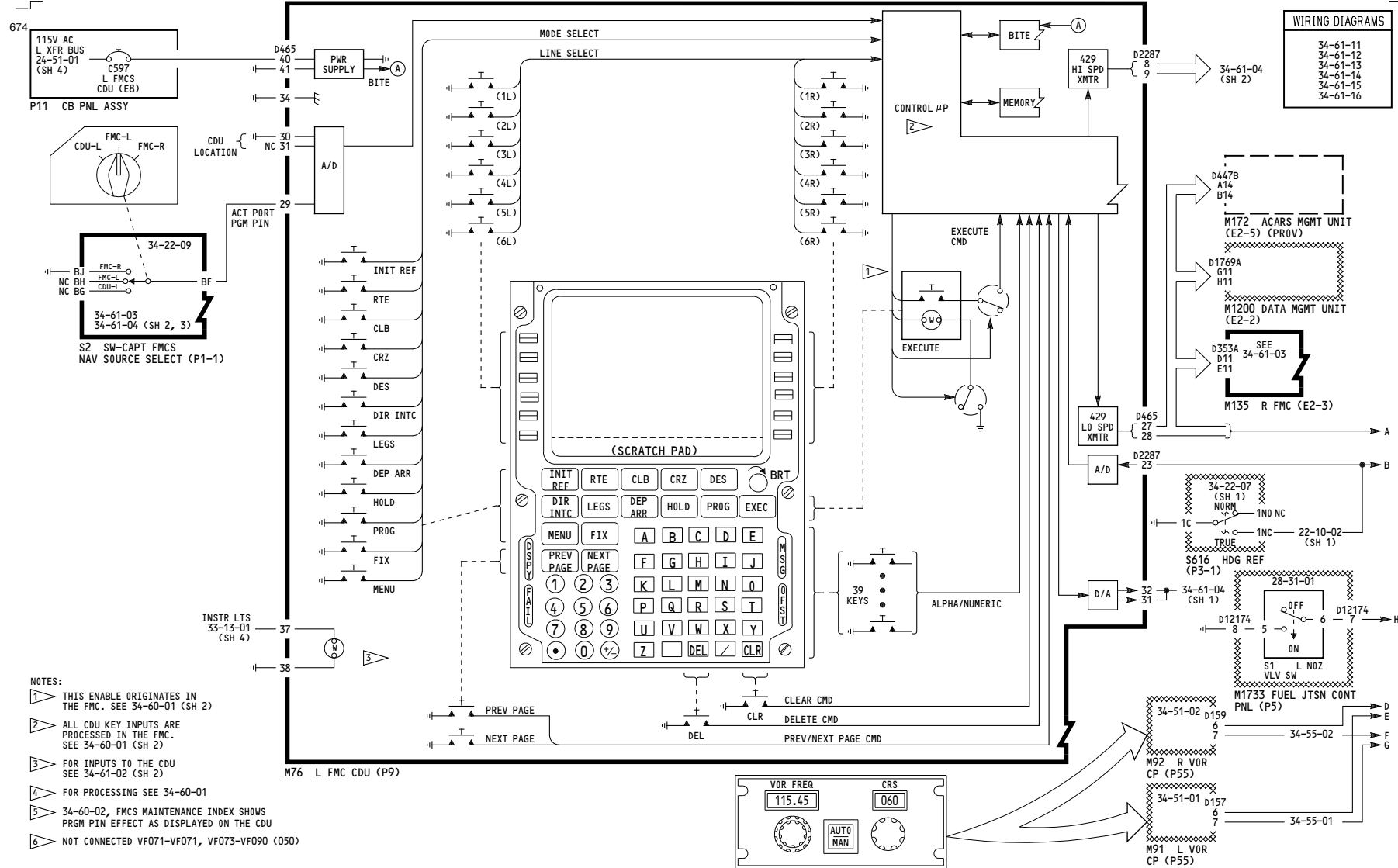
**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

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72-0037

34-61-01

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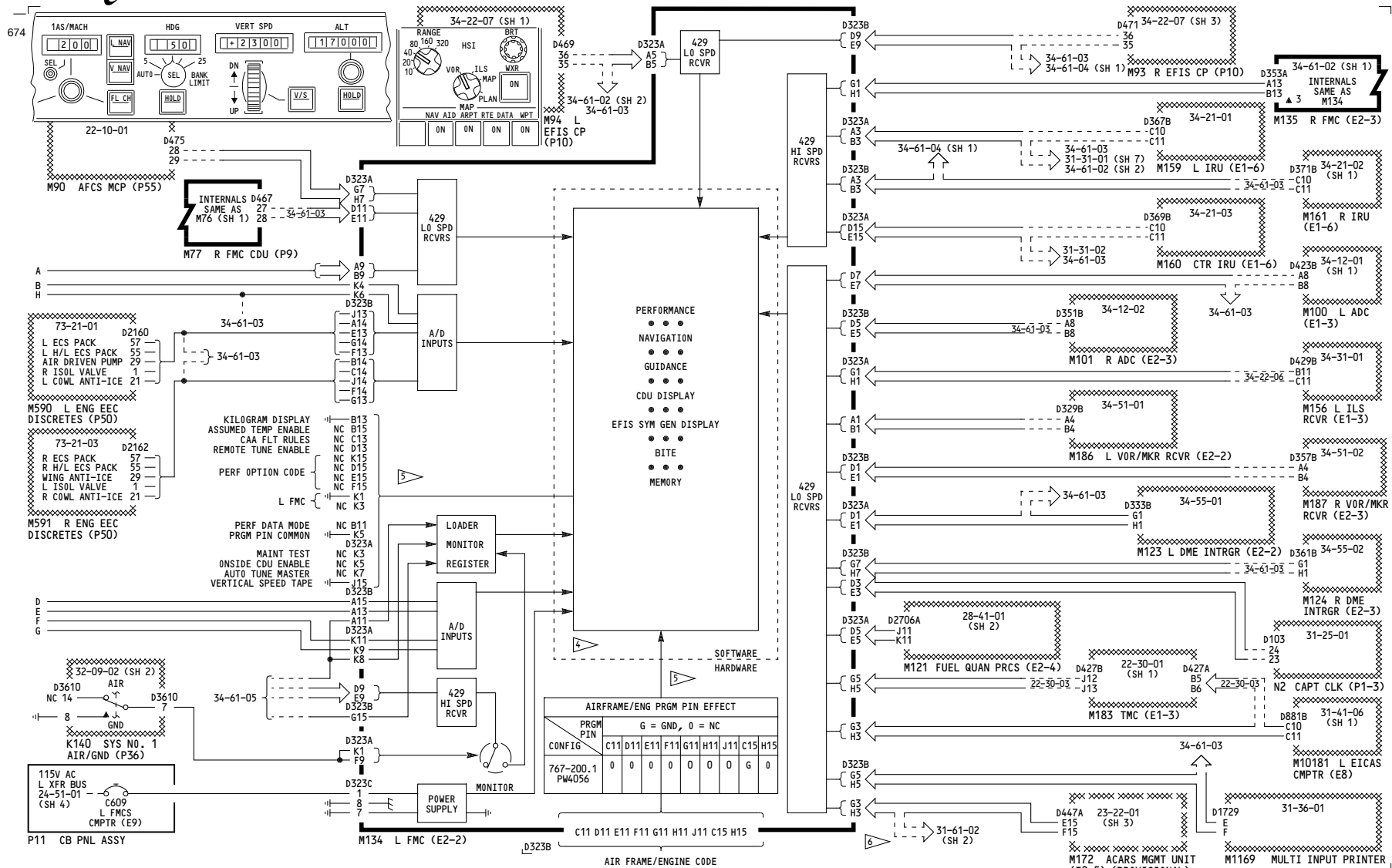
WIRING DIAGRAMS	
34-61-11	
34-61-12	
34-61-13	
34-61-14	
34-61-15	
34-61-16	

- NOTES:
- 1 THIS ENABLE ORIGINATES IN THE FMC. SEE 34-60-01 (SH 2)
 - 2 ALL CDU KEY INPUTS ARE PROCESSED IN THE FMC. SEE 34-60-01 (SH 2)
 - 3 FOR INPUTS TO THE CDU SEE 34-61-02 (SH 2)
 - 4 FOR PROCESSING SEE 34-60-01
 - 5 34-60-02, FMCs MAINTENANCE INDEX SHOWS PRGM PIN EFFECT AS DISPLAYED ON THE CDU
 - 6 NOT CONNECTED VF071-VF071, VF073-VF090 (050)

051	<p>FLIGHT MANAGEMENT COMPUTER INPUTS- LEFT</p> <p>D280T232</p>
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28-0030

34-61-01

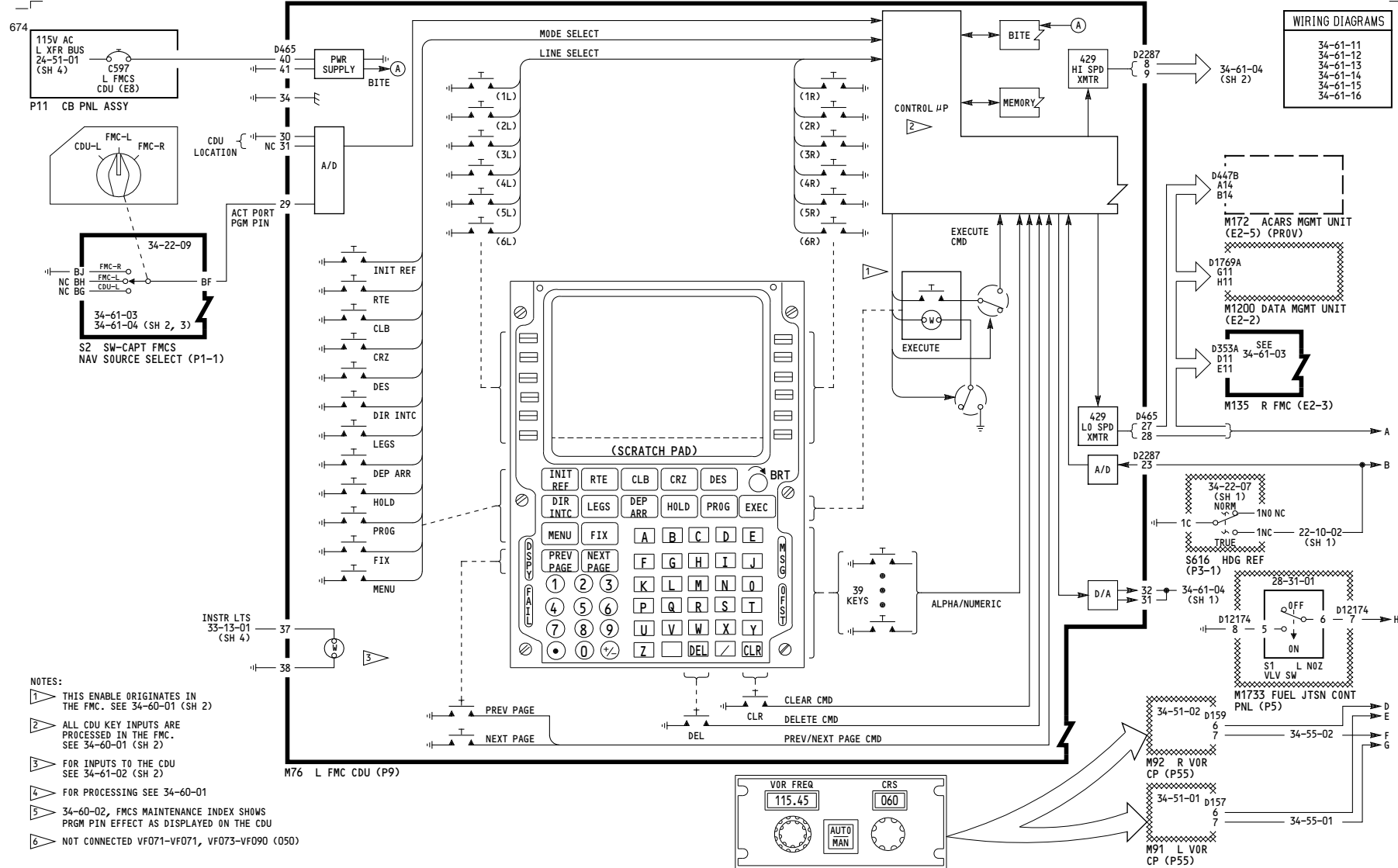


051

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

D280T232

34-61-01



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- 1 THIS ENABLE ORIGINATES IN THE FMC. SEE 34-60-01 (SH 2)
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 - 3 FOR INPUTS TO THE CDU SEE 34-61-02 (SH 2)
 - 4 FOR PROCESSING SEE 34-60-01
 - 5 34-60-02, FMC MAINTENANCE INDEX SHOWS PRGM PIN EFFECT AS DISPLAYED ON THE CDU
 - 6 NOT CONNECTED VF071-VF071, VF073-VF090 (050)

WIRING DIAGRAMS

- 34-61-11
- 34-61-12
- 34-61-13
- 34-61-14
- 34-61-15
- 34-61-16

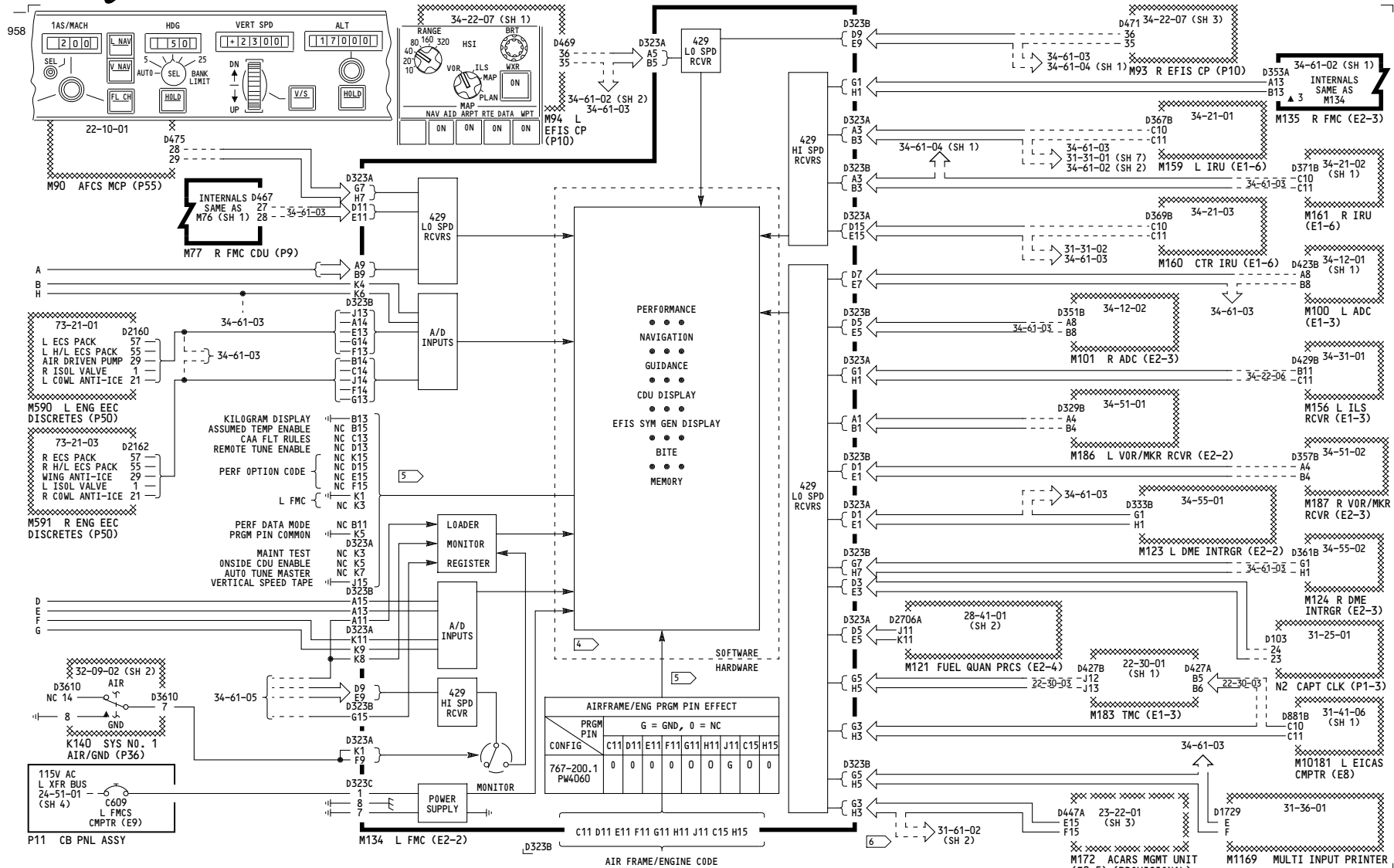
051

FLIGHT MANAGEMENT COMPUTER INPUTS-LEFT

D280T232

Incorporates 28-0030

34-61-01



051

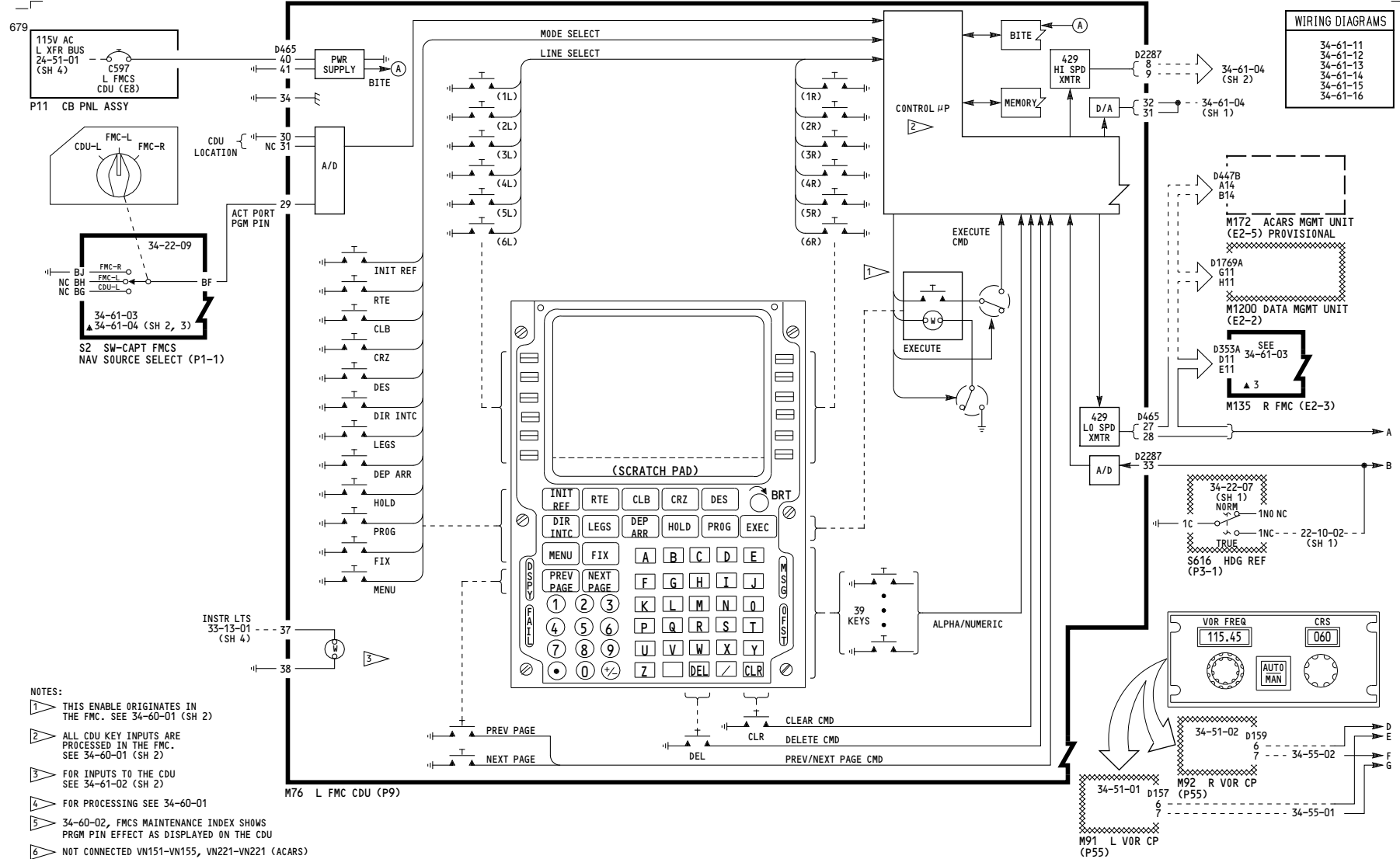
**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

Incorporates
72-0037

D280T232

34-61-01

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Sheet 2
Jan 21/2005



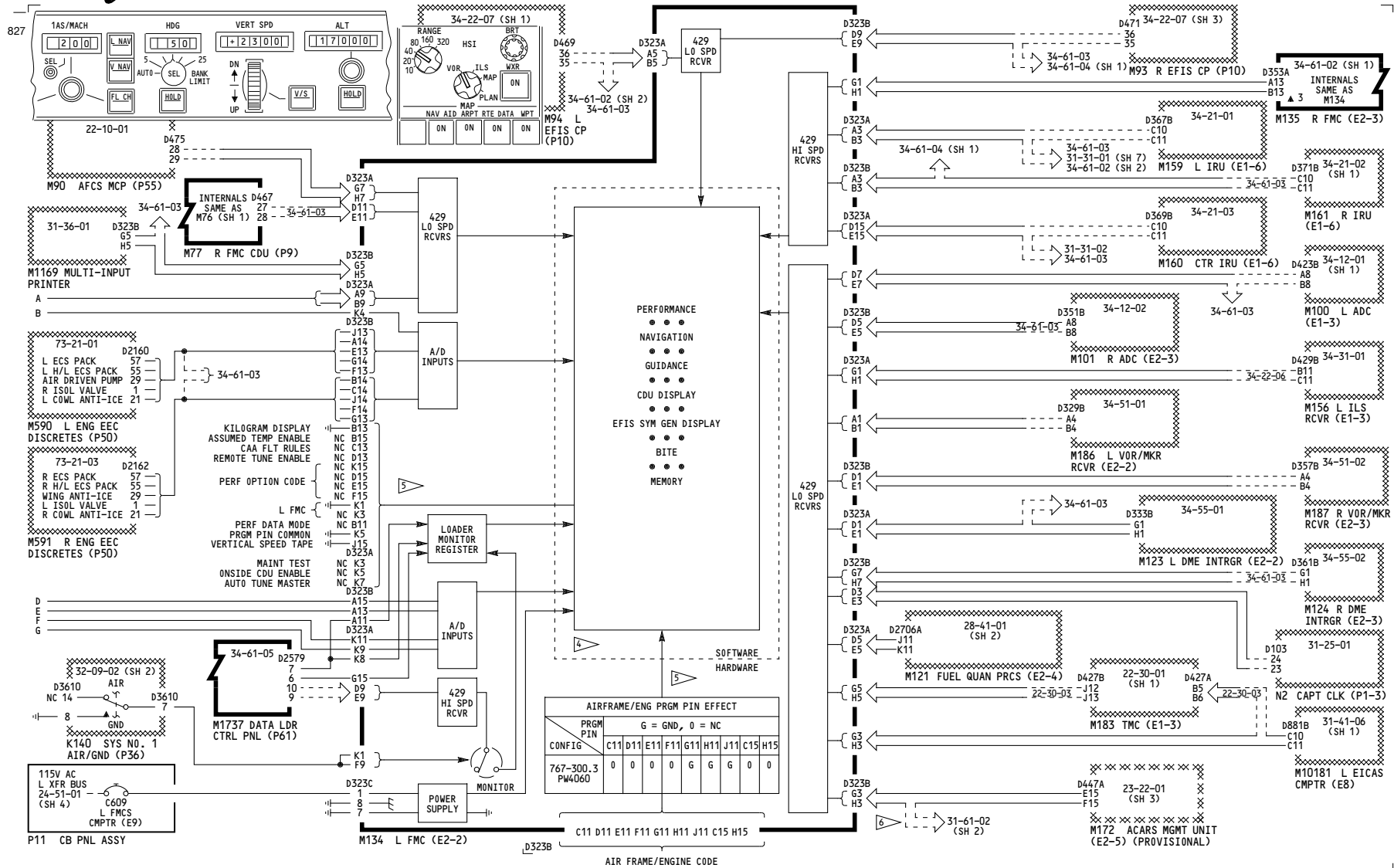
150-154

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

D280T232

34-61-01

Page 103.1
Sheet 1
Jan 21/2005



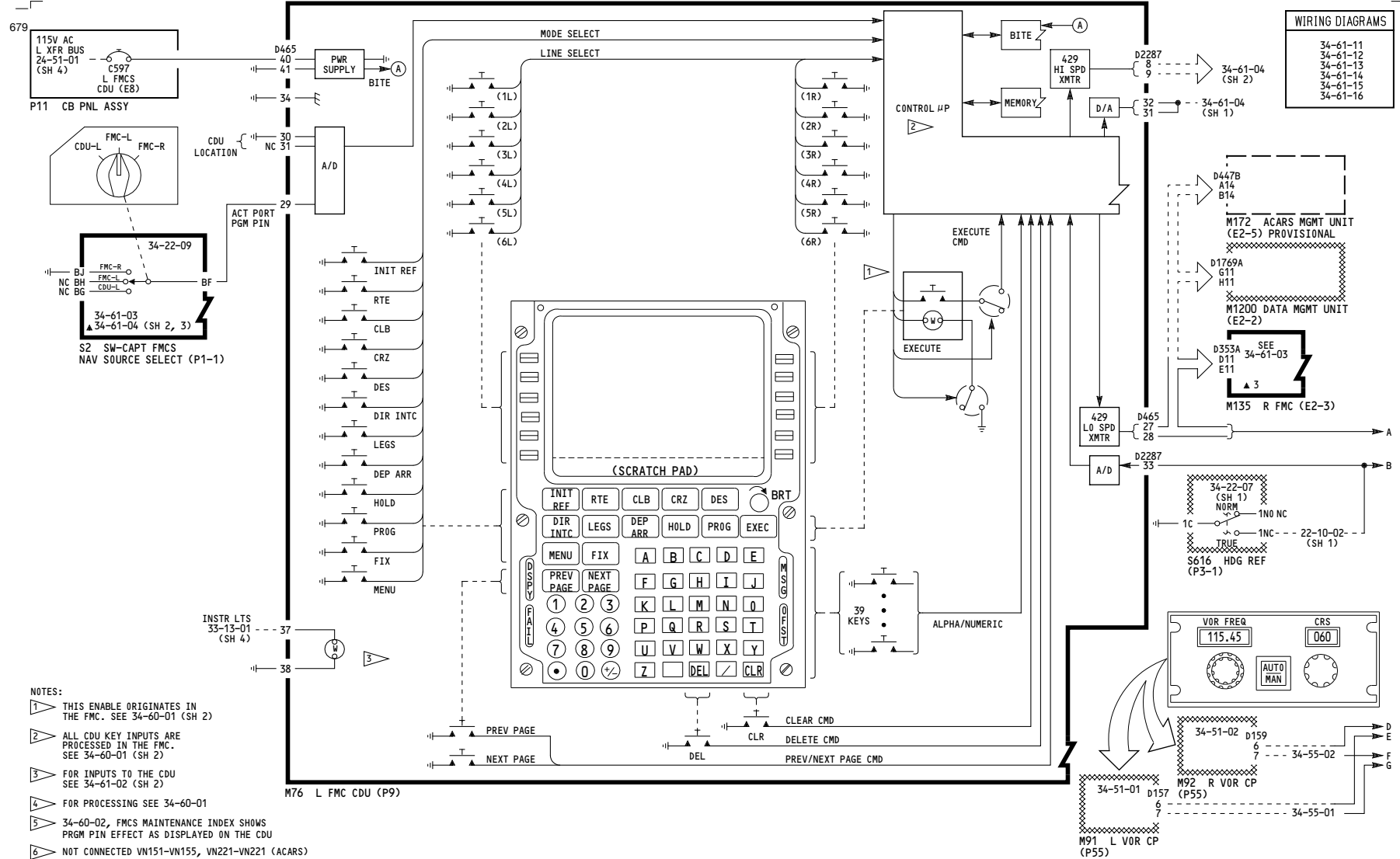
150-154

FLIGHT MANAGEMENT COMPUTER INPUTS-LEFT

D280T232

Incorporates 31-0031

34-61-01

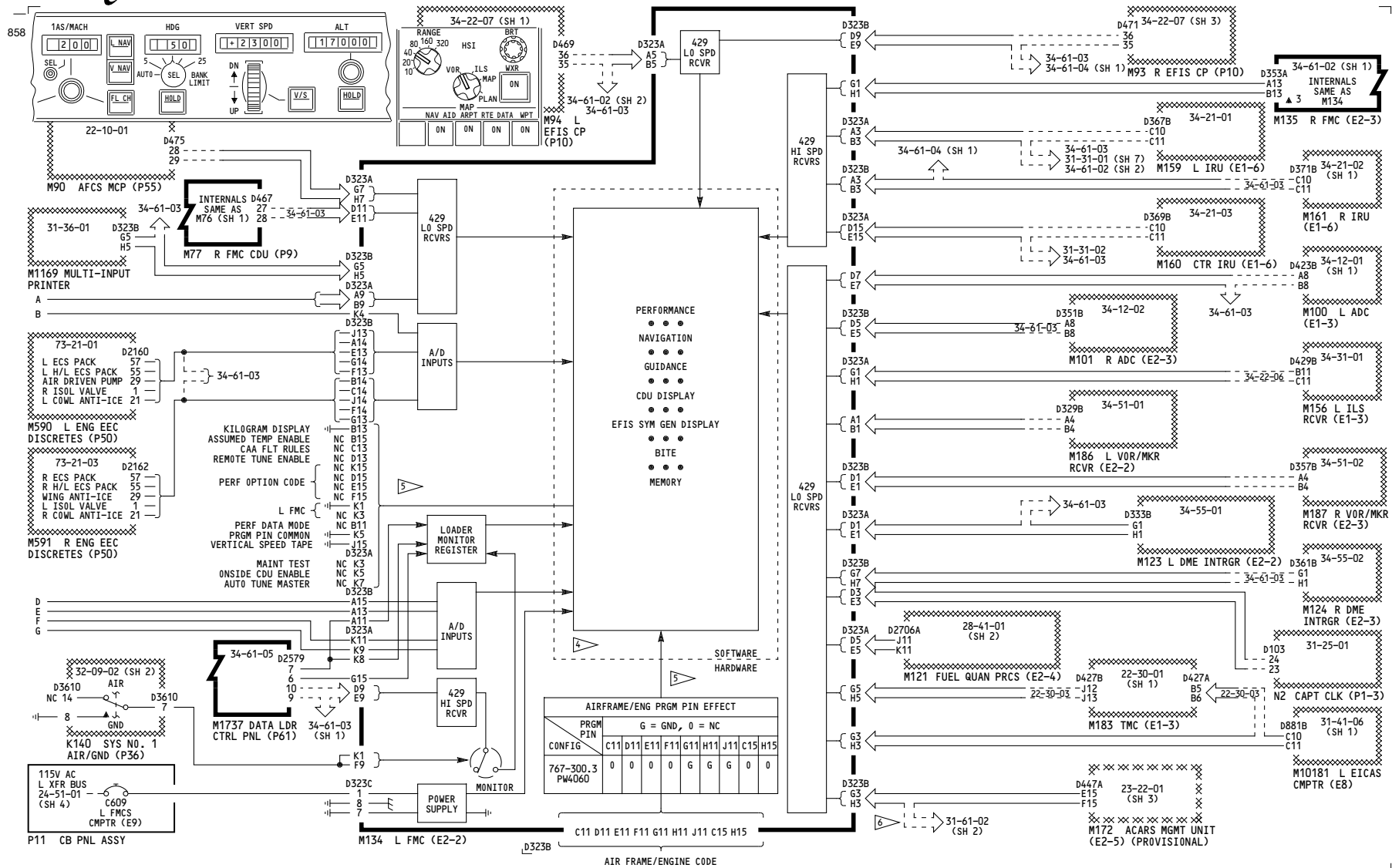


- NOTES:**
- 1 THIS ENABLE ORIGINATES IN THE FMC. SEE 34-60-01 (SH 2)
 - 2 ALL CDU KEY INPUTS ARE PROCESSED IN THE FMC. SEE 34-60-01 (SH 2)
 - 3 FOR INPUTS TO THE CDU SEE 34-61-02 (SH 2)
 - 4 FOR PROCESSING SEE 34-60-01
 - 5 34-60-02, FMCS MAINTENANCE INDEX SHOWS PRGM PIN EFFECT AS DISPLAYED ON THE CDU
 - 6 NOT CONNECTED VN151-VN155, VN221-VN221 (ACARS)

150, 154	FLIGHT MANAGEMENT COMPUTER INPUTS- LEFT
D280T232	

34-61-01

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Sheet 1
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150, 154

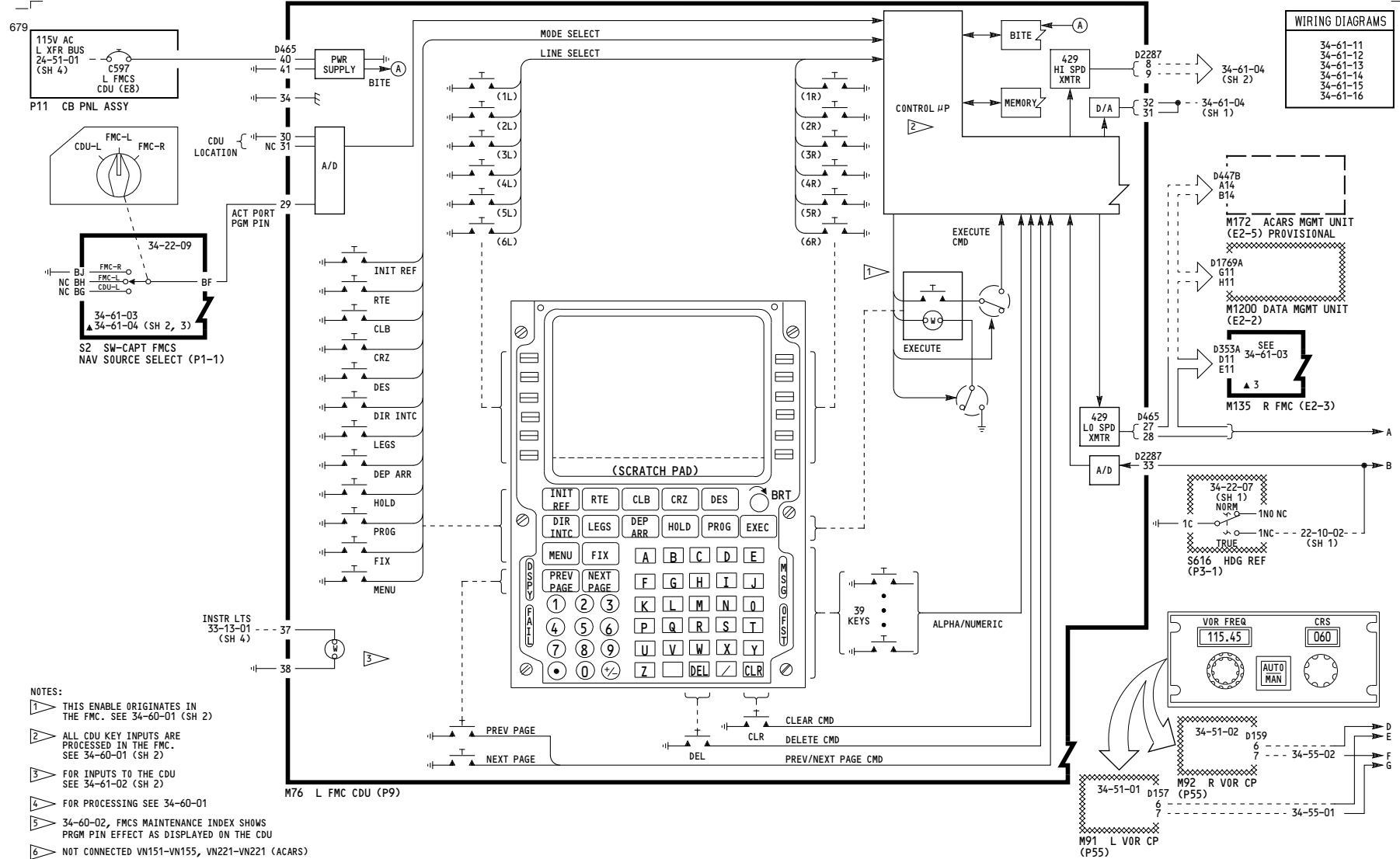
FLIGHT MANAGEMENT COMPUTER INPUTS-LEFT

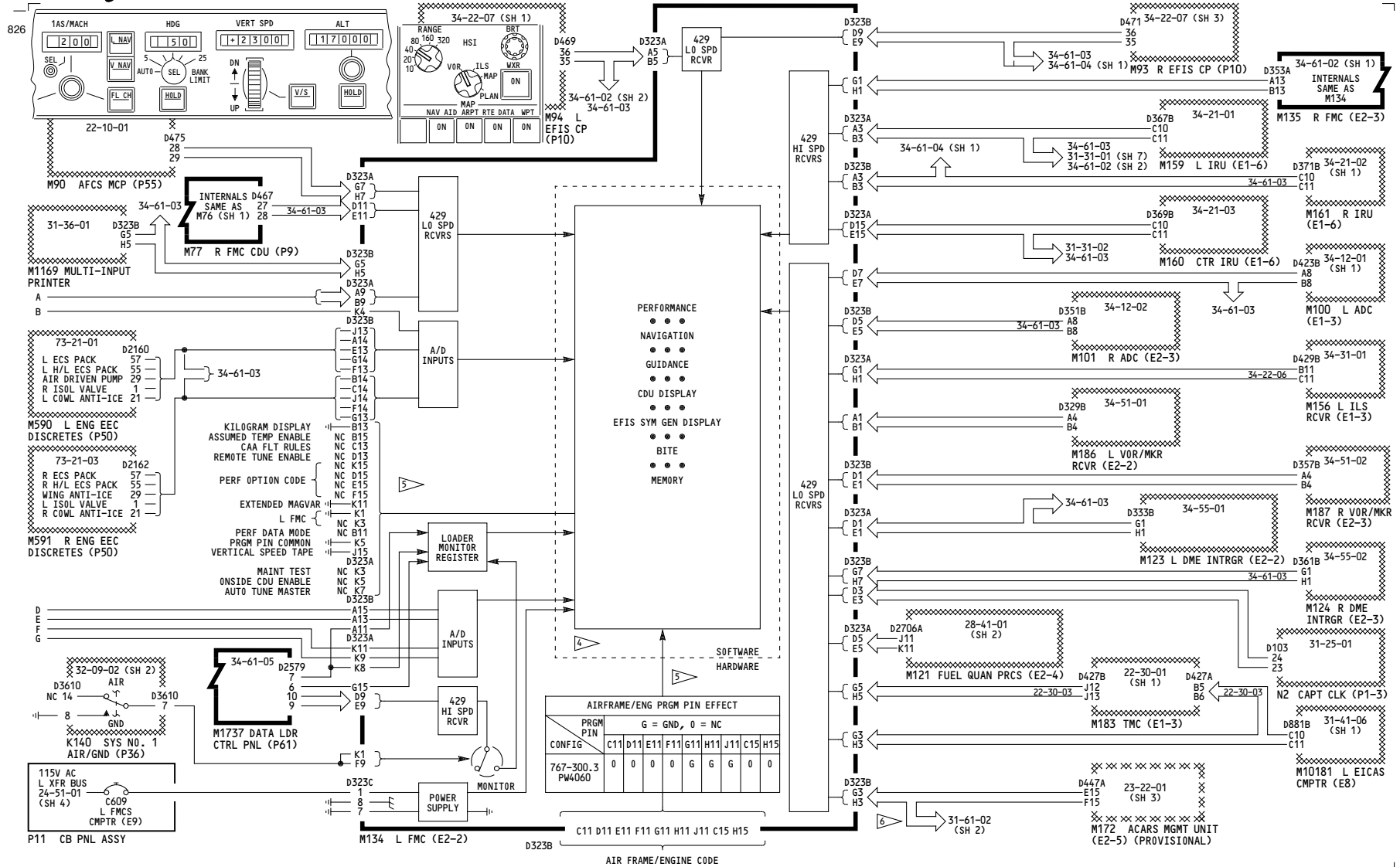
- Incorporates
- ▶ 31-0031
 - ▶ 34-0243
 - ▶ MTO 230593

D280T232

34-61-01

Page 103.2A
Sheet 2
Jan 21/2005





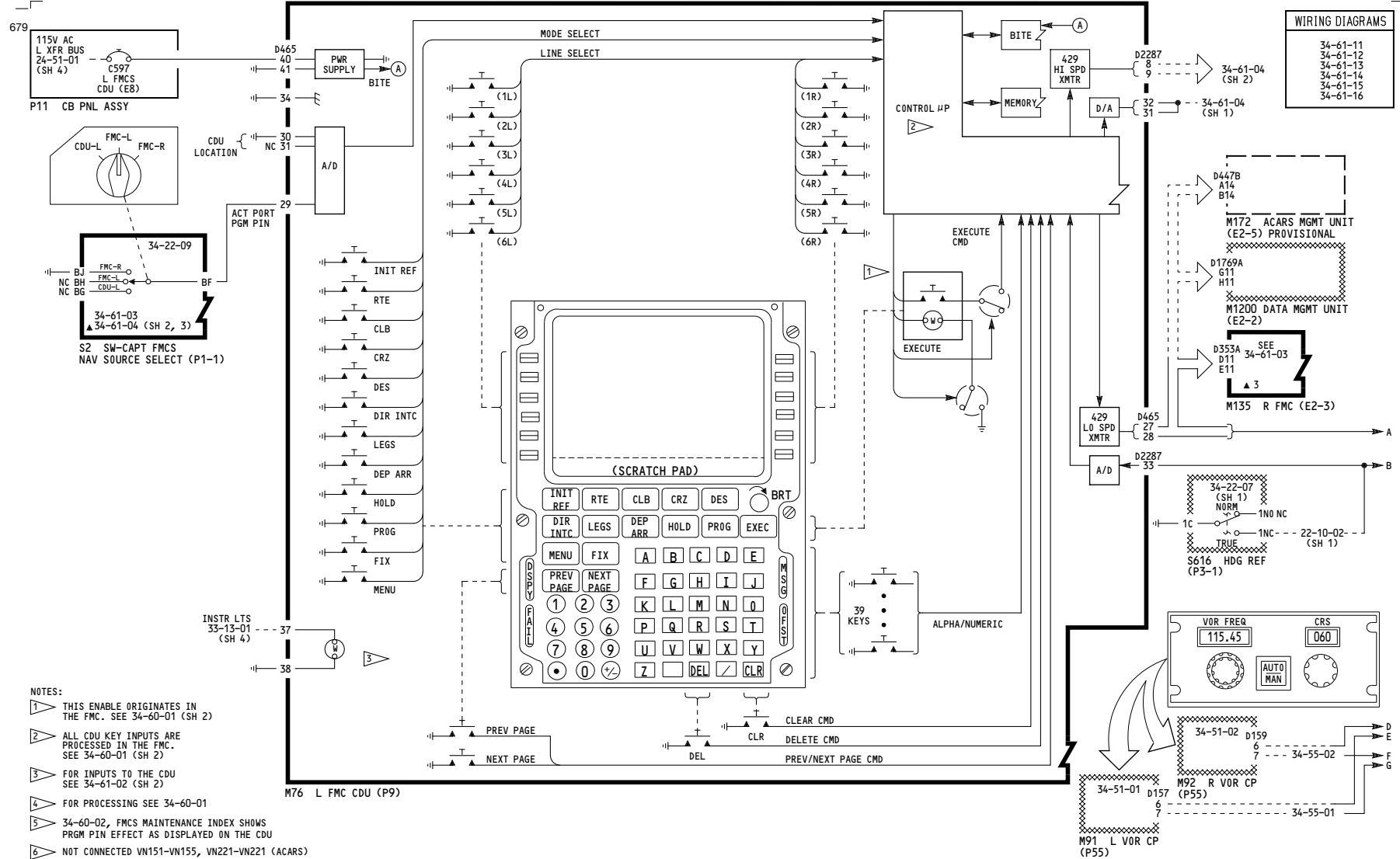
151-152

FLIGHT MANAGEMENT COMPUTER INPUTS-LEFT

D280T232

- Incorporates
- 31-0031
 - 34-0243

34-61-01

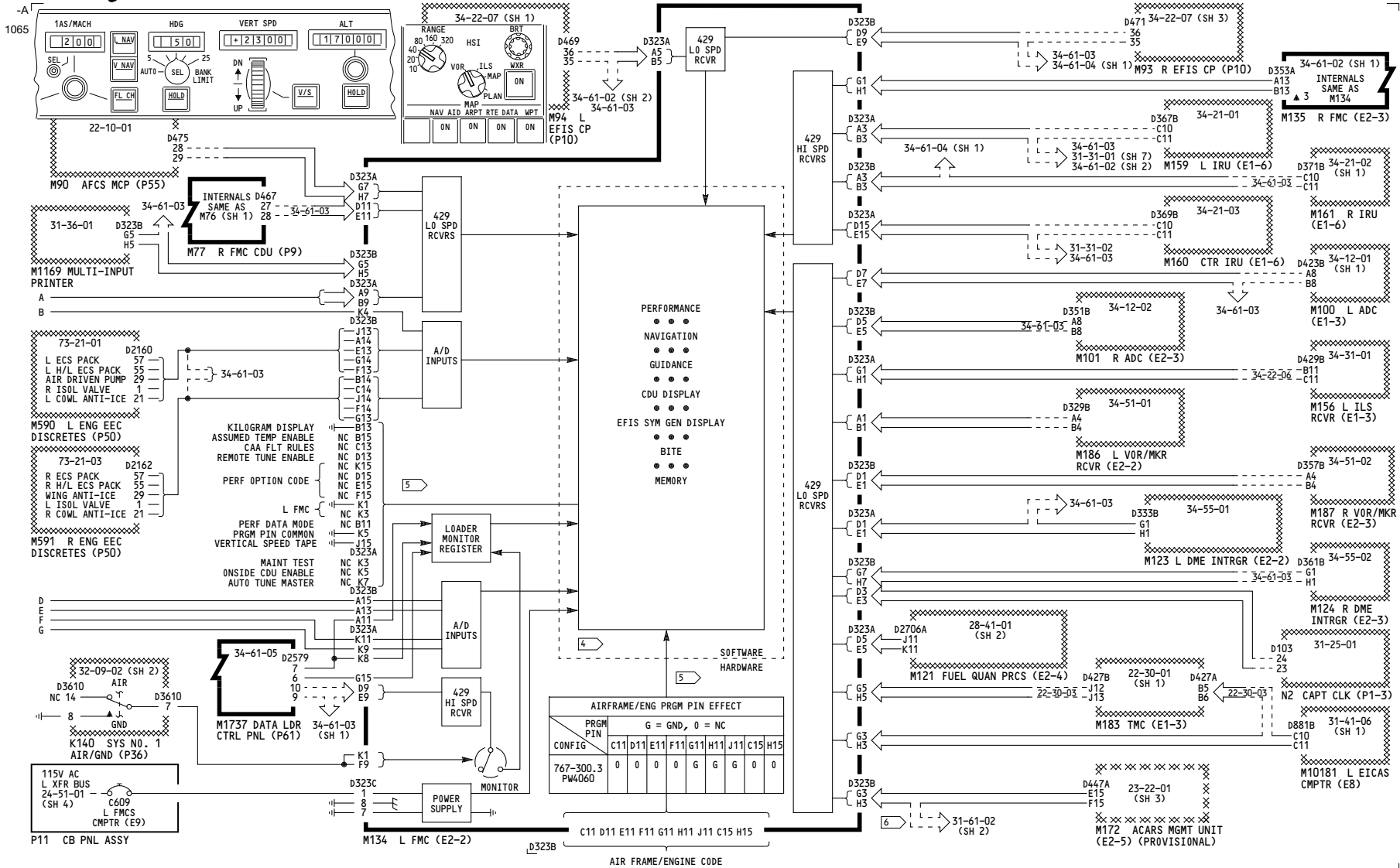


- NOTES:**
- 1 THIS ENABLE ORIGINATES IN THE FMC. SEE 34-60-01 (SH 2)
 - 2 ALL CDU KEY INPUTS ARE PROCESSED IN THE FMC. SEE 34-60-01 (SH 2)
 - 3 FOR INPUTS TO THE CDU SEE 34-61-02 (SH 2)
 - 4 FOR PROCESSING SEE 34-60-01
 - 5 34-60-02, FMC'S MAINTENANCE INDEX SHOWS PRGM PIN EFFECT AS DISPLAYED ON THE CDU
 - 6 NOT CONNECTED VN151-VN155, VN221-VN221 (ACARS)

153	<p>FLIGHT MANAGEMENT COMPUTER INPUTS- LEFT</p> <p>D280T232</p>
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34-61-01

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Sheet 1
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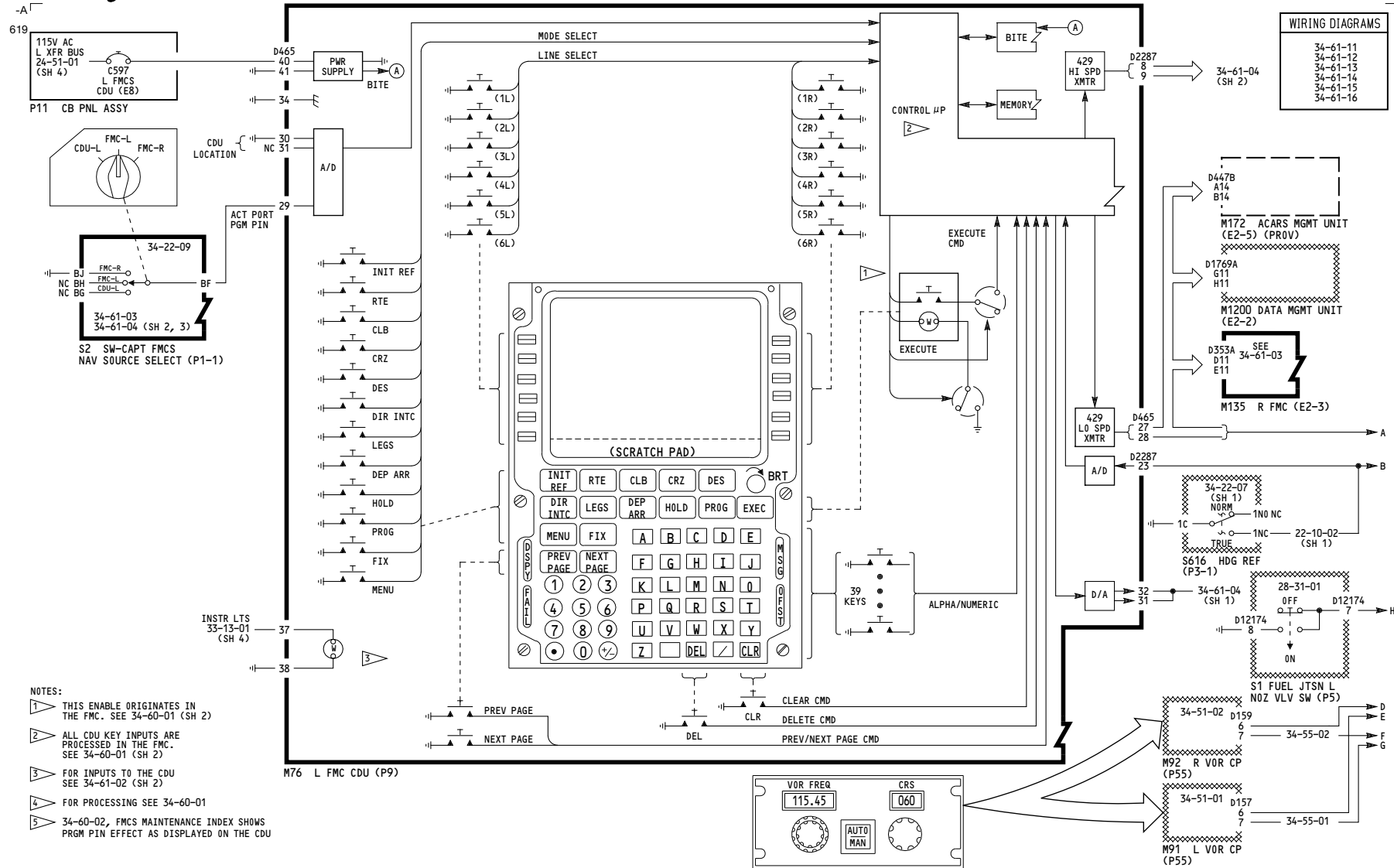
153

FLIGHT MANAGEMENT COMPUTER INPUTS-LEFT

D280T232

- Incorporates
- ▶ 31-0031
 - ▶ 31-0208
 - ▶ 31-0248
 - ▶ 34-0243
 - ▶ MTO 230593

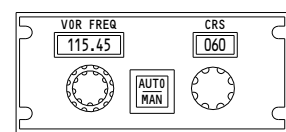
34-61-01



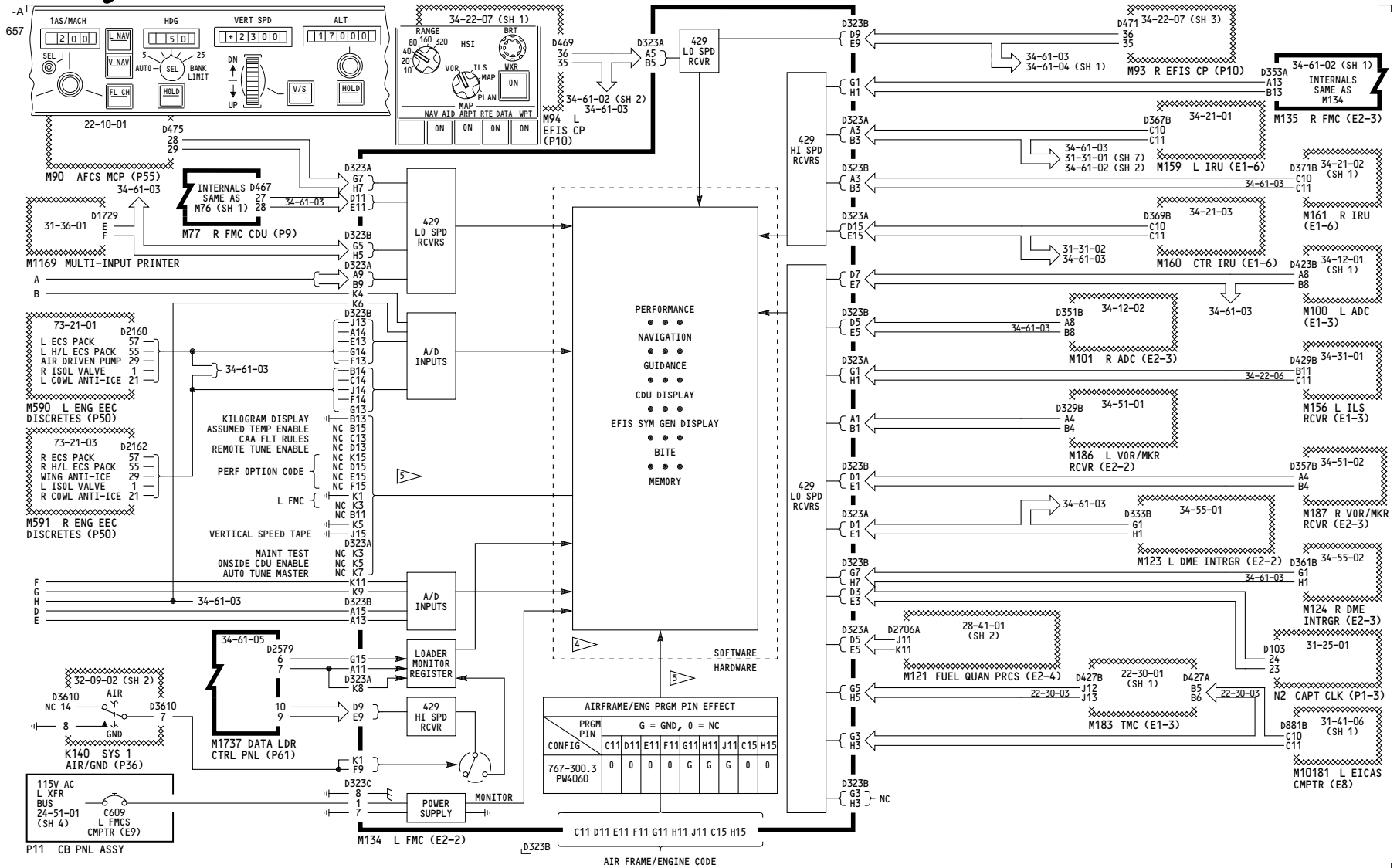
WIRING DIAGRAMS	
34-61-11	
34-61-12	
34-61-13	
34-61-14	
34-61-15	
34-61-16	

- NOTES:
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 - 3 FOR INPUTS TO THE CDU SEE 34-61-02 (SH 2)
 - 4 FOR PROCESSING SEE 34-60-01
 - 5 34-60-02, FMCS MAINTENANCE INDEX SHOWS PRGM PIN EFFECT AS DISPLAYED ON THE CDU

155-156, 162-166	<p>FLIGHT MANAGEMENT COMPUTER INPUTS- LEFT</p> <p>D280T232</p>
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34-61-01



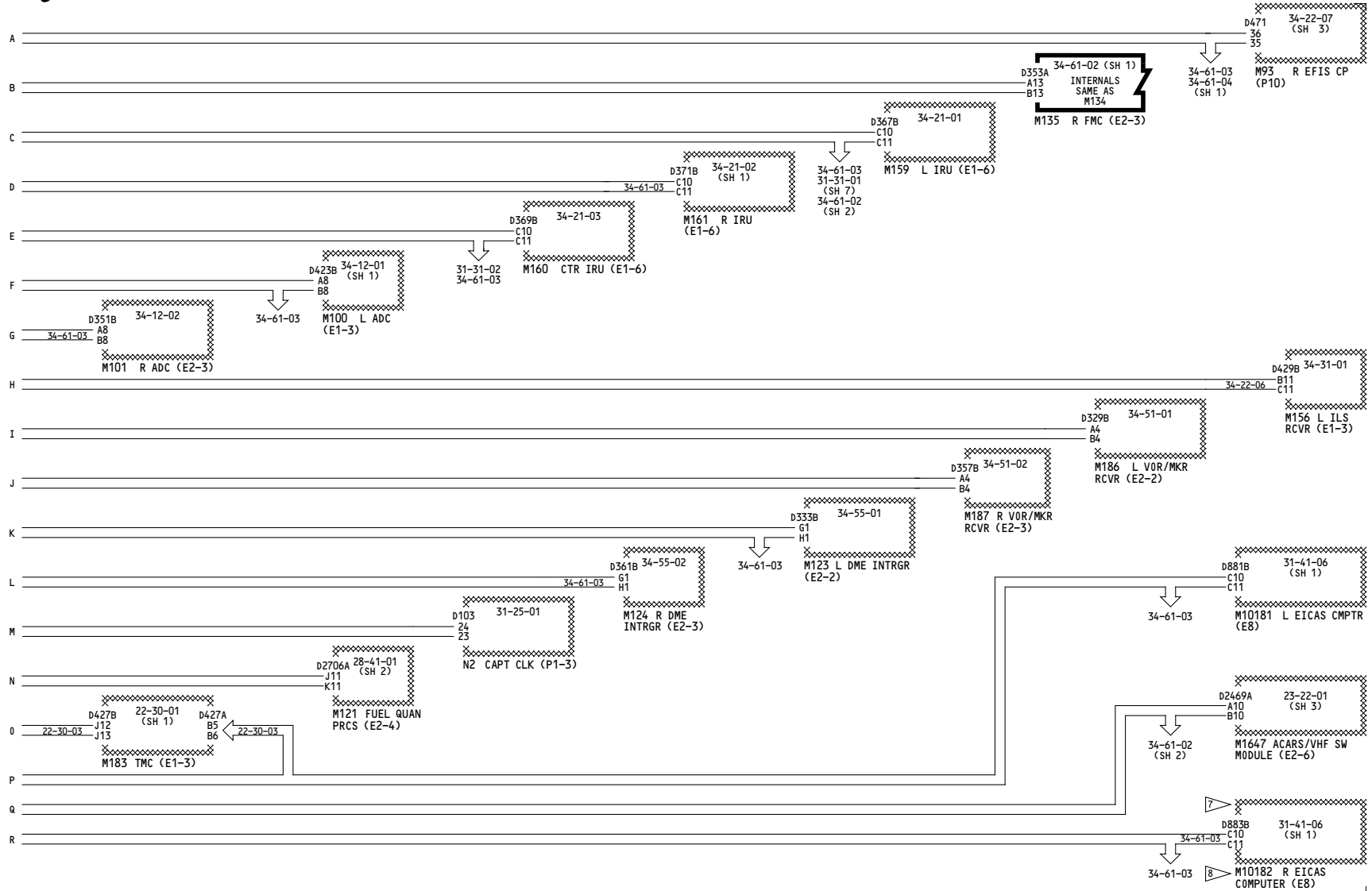
155-156, 162-166

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

D280T232

34-61-01

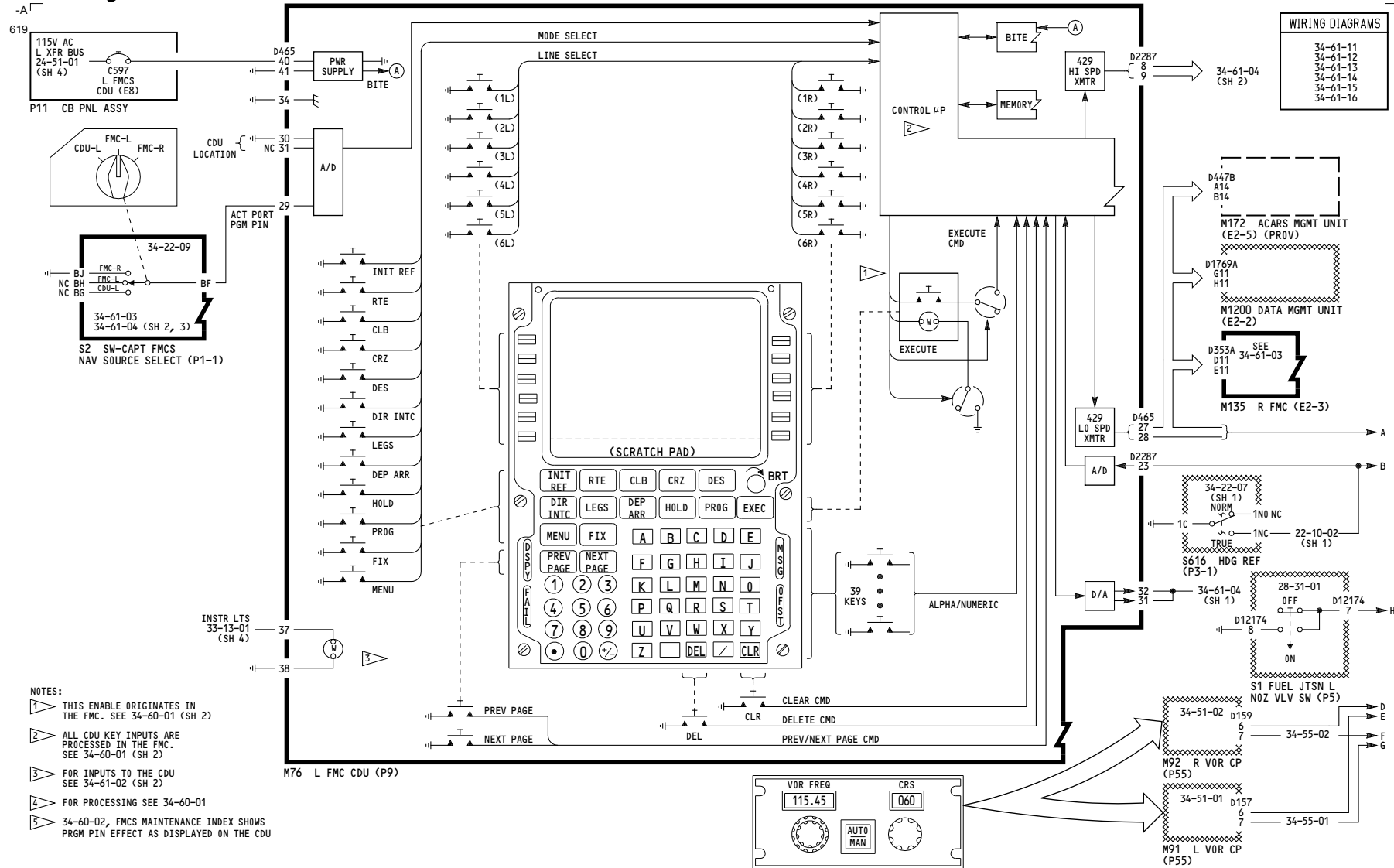
-A
605



155-156, 162-166	FLIGHT MANAGEMENT COMPUTER INPUTS- LEFT
	D280T232

34-61-01

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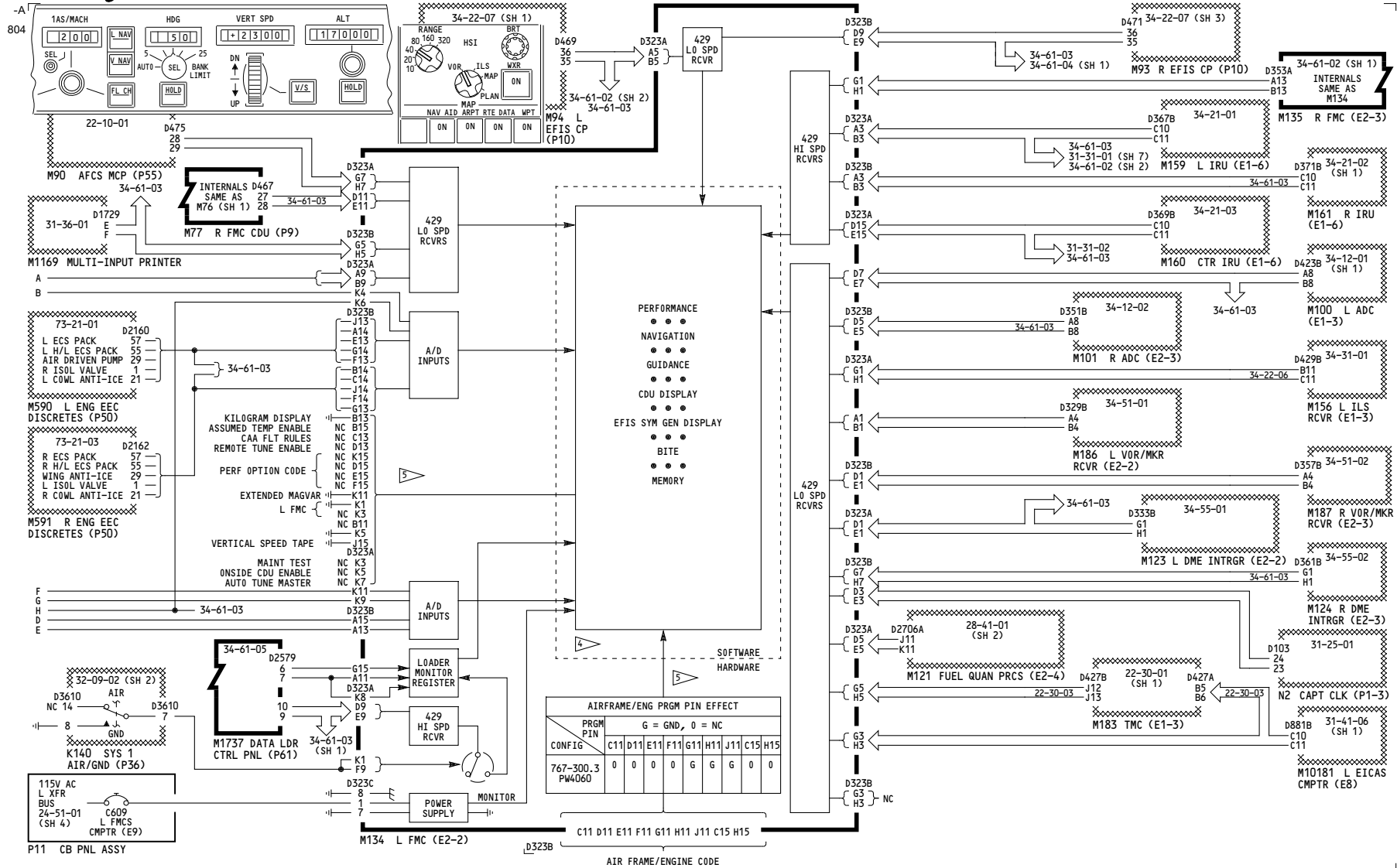


155

FLIGHT MANAGEMENT COMPUTER INPUTS-LEFT

D280T232

34-61-01



155

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

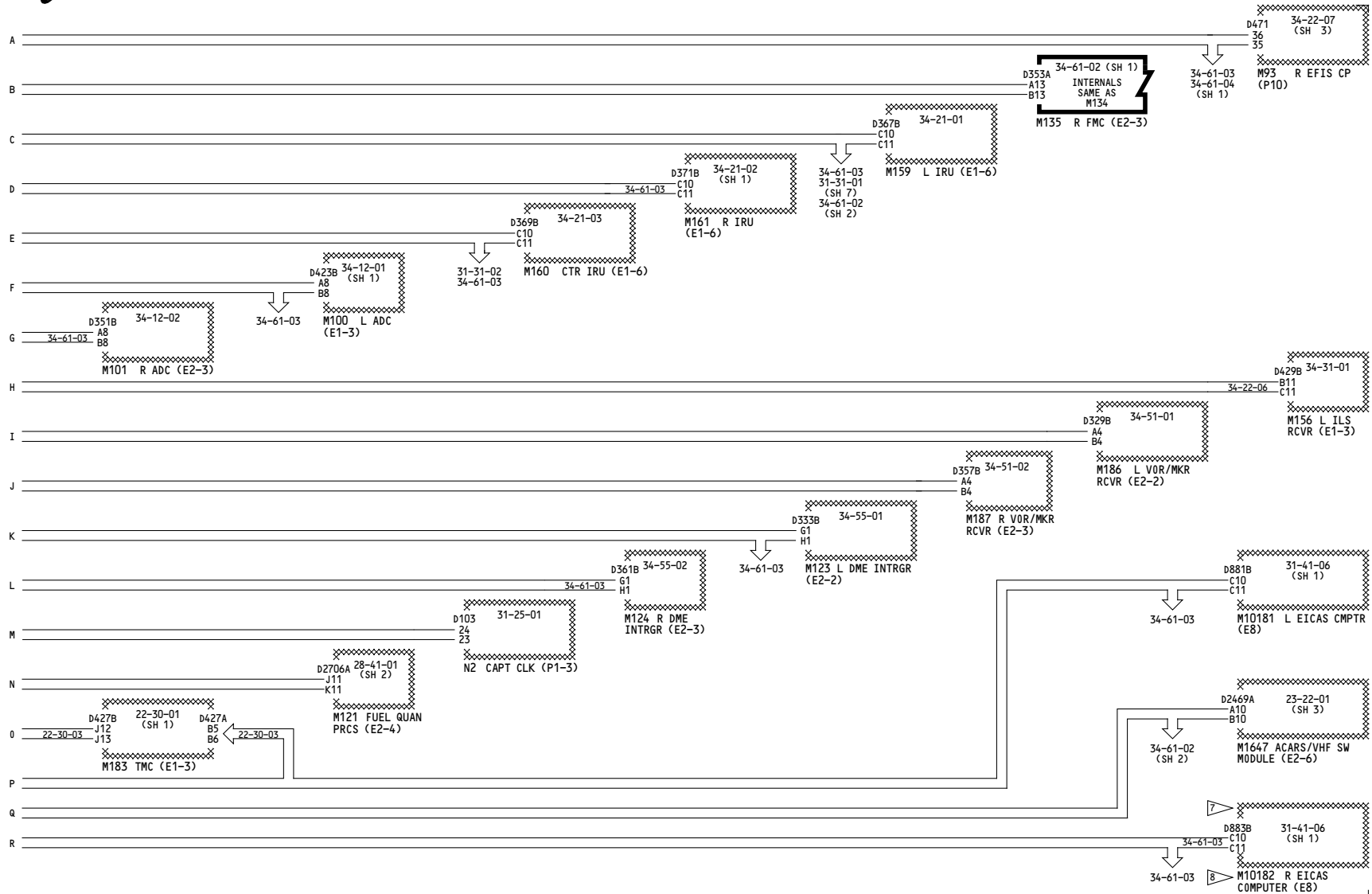
D280T232

Incorporates
▶ 34-0243
▶ MTO 230593

34-61-01

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Sheet 2
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-A
605

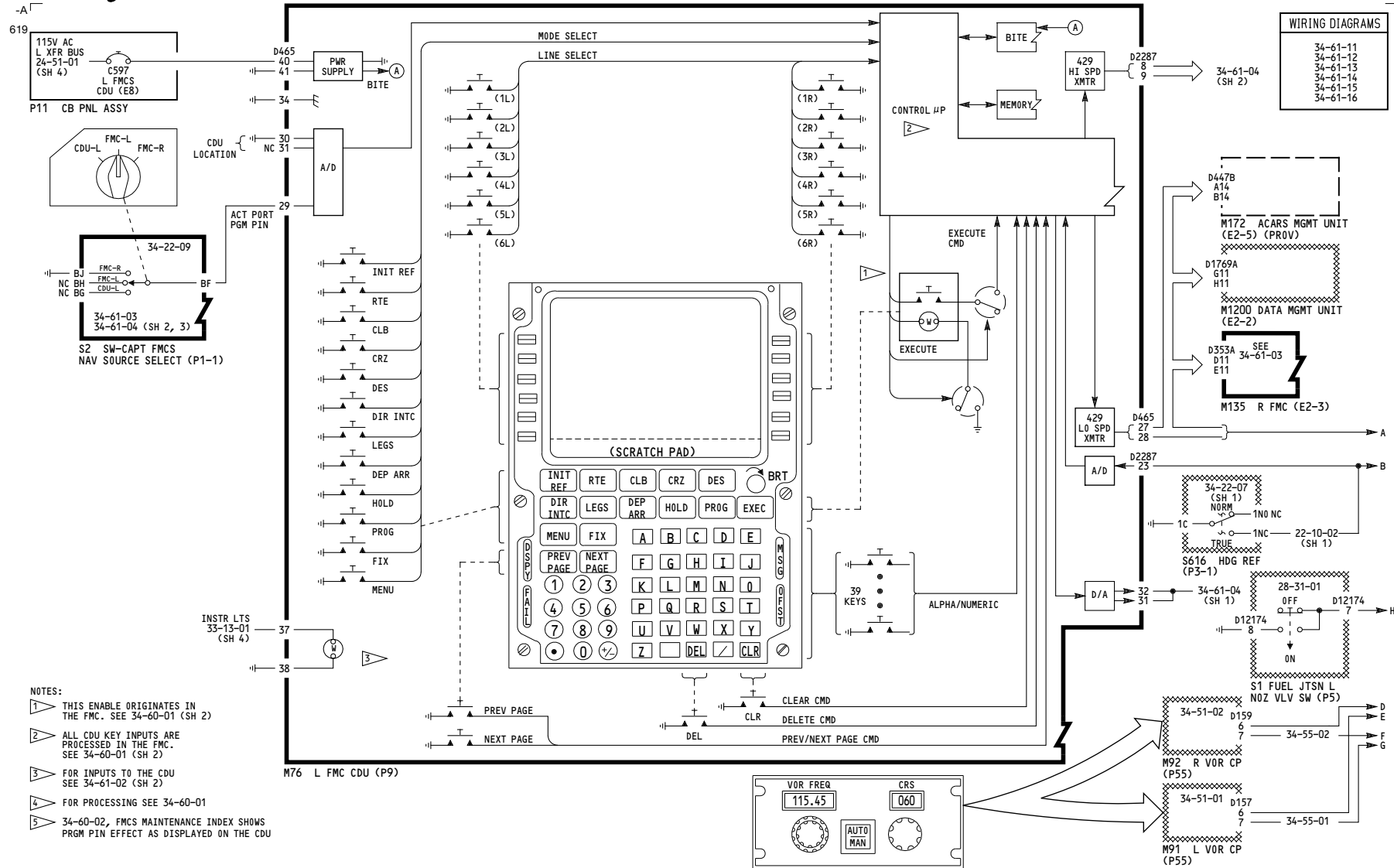


155	<p>FLIGHT MANAGEMENT COMPUTER INPUTS- LEFT</p> <p>D280T232</p>
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34-61-01

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Sheet 3
Jan 21/2005

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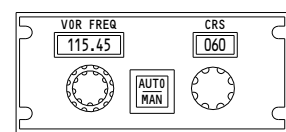
WIRING DIAGRAMS	
34-61-11	
34-61-12	
34-61-13	
34-61-14	
34-61-15	
34-61-16	

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 - 3 FOR INPUTS TO THE CDU SEE 34-61-02 (SH 2)
 - 4 FOR PROCESSING SEE 34-60-01
 - 5 34-60-02, FMCS MAINTENANCE INDEX SHOWS PRGM PIN EFFECT AS DISPLAYED ON THE CDU

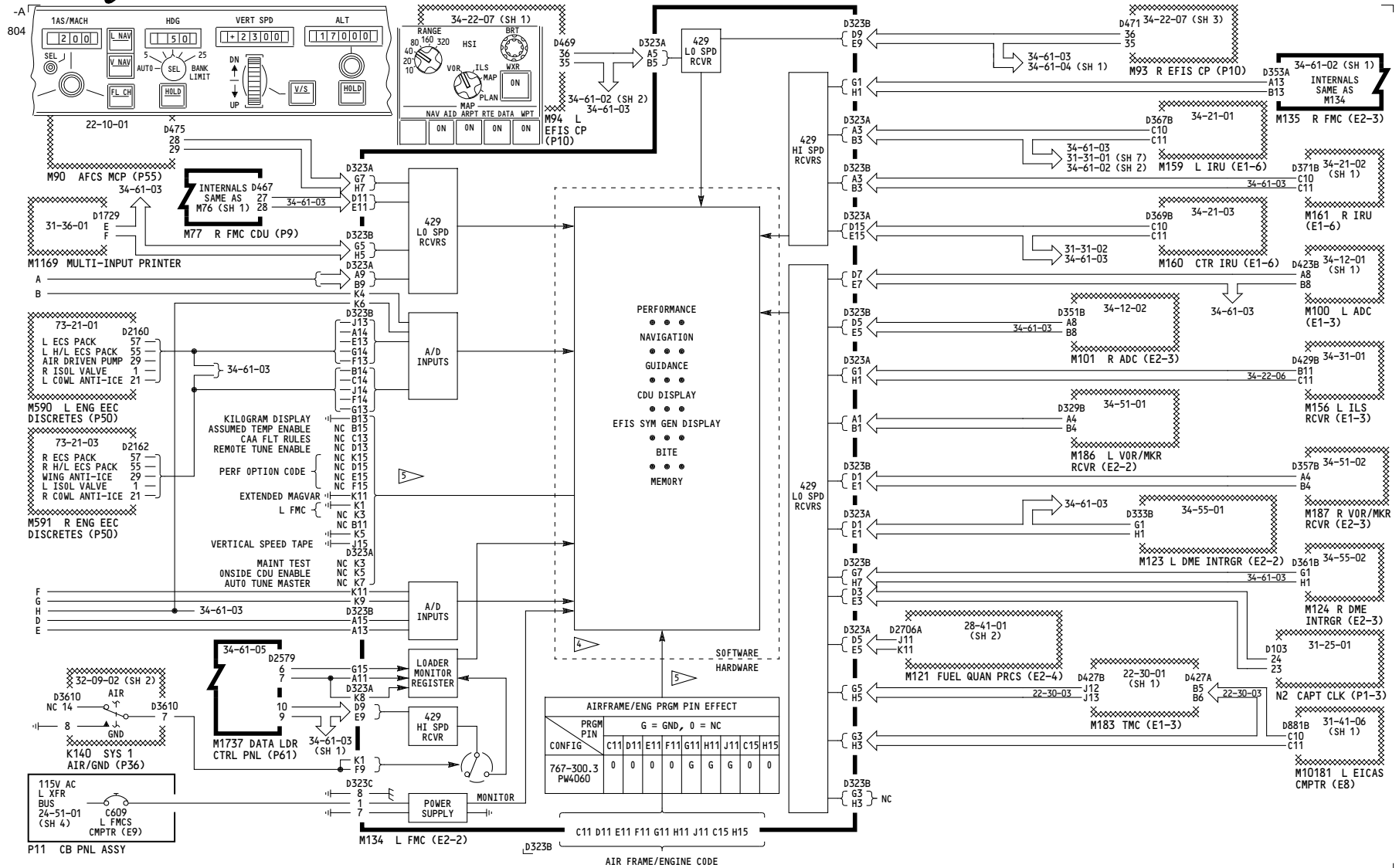
156

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

D280T232



34-61-01



156

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

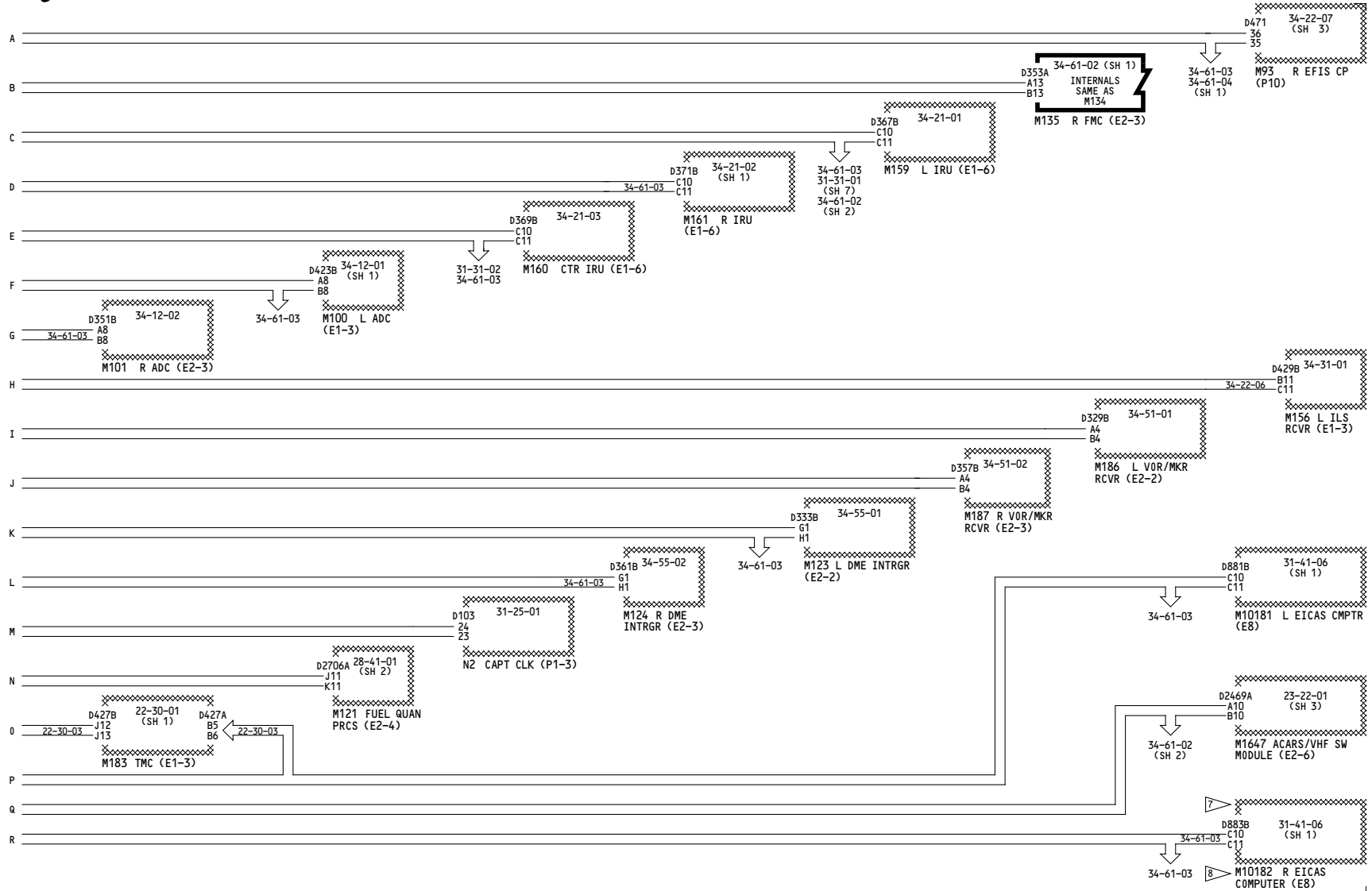
Incorporates
▶ 34-0243
▶ MTO 230591

D280T232

34-61-01

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Sheet 2
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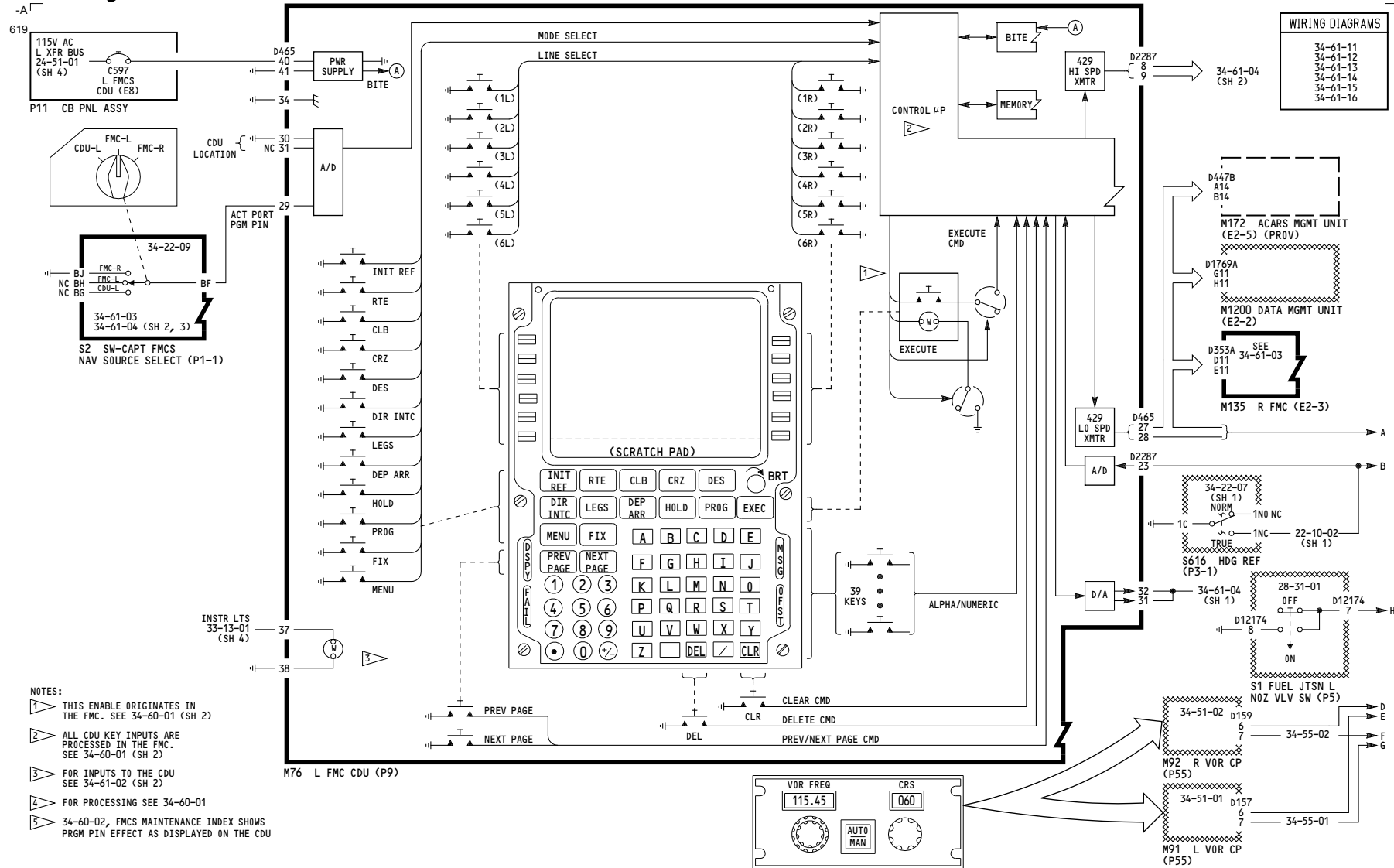
-A
605



156	<p>FLIGHT MANAGEMENT COMPUTER INPUTS- LEFT</p> <p>D280T232</p>
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34-61-01

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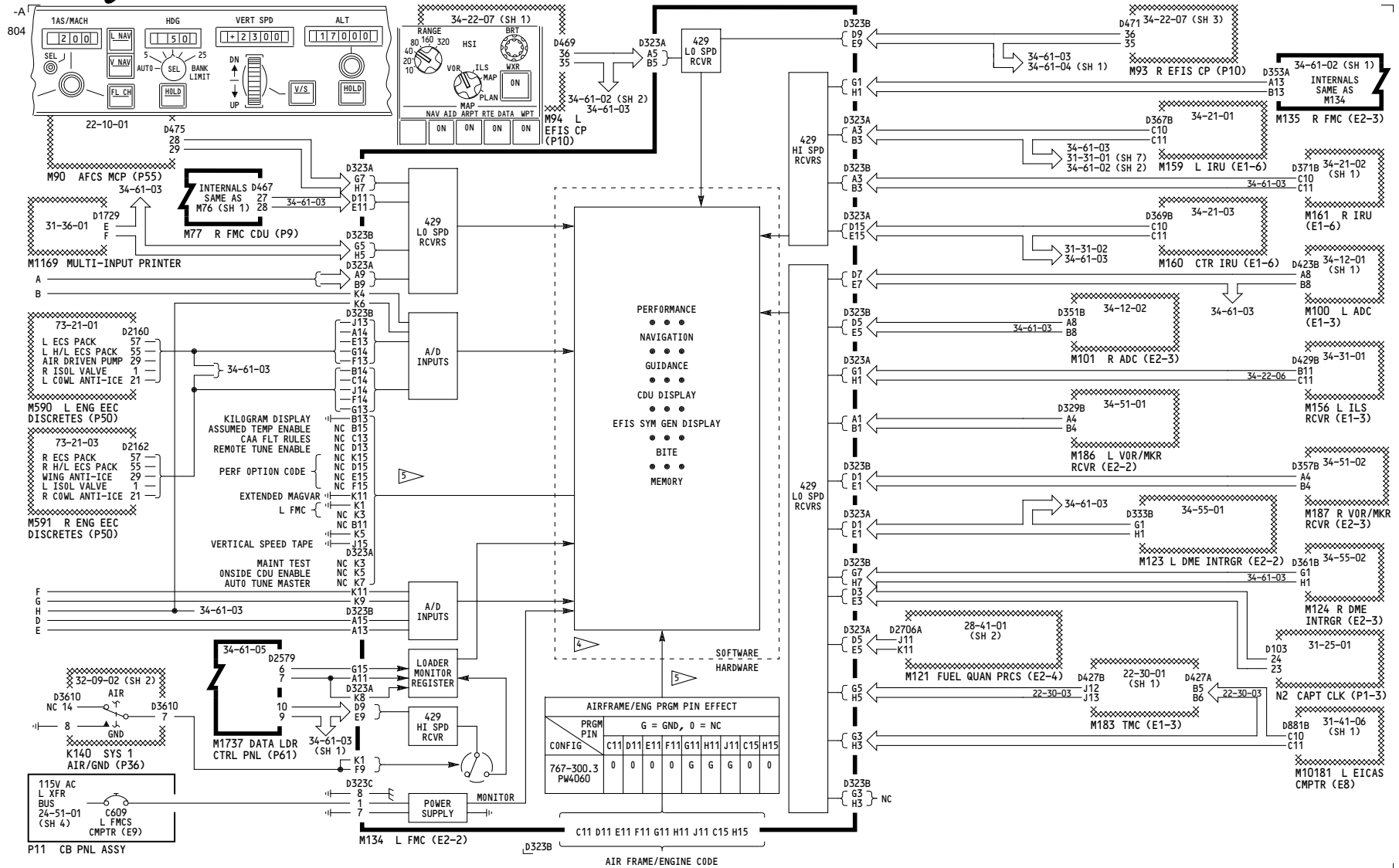


WIRING DIAGRAMS	
34-61-11	
34-61-12	
34-61-13	
34-61-14	
34-61-15	
34-61-16	

- NOTES:
- 1 THIS ENABLE ORIGINATES IN THE FMC. SEE 34-60-01 (SH 2)
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 - 3 FOR INPUTS TO THE CDU SEE 34-61-02 (SH 2)
 - 4 FOR PROCESSING SEE 34-60-01
 - 5 34-60-02, FMCS MAINTENANCE INDEX SHOWS PRGM PIN EFFECT AS DISPLAYED ON THE CDU

162-164	FLIGHT MANAGEMENT COMPUTER INPUTS- LEFT
D280T232	

34-61-01



162-164

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

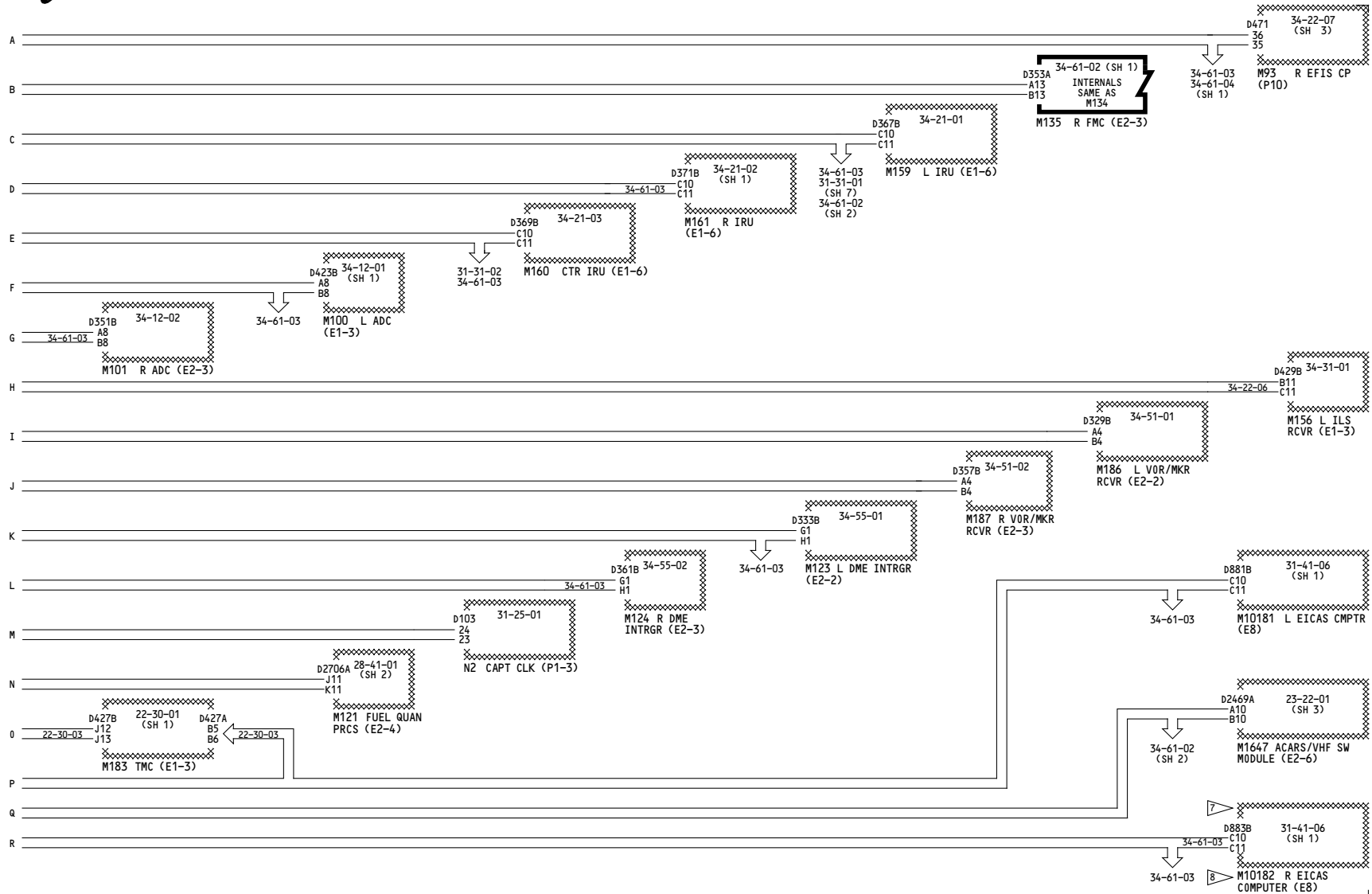
Incorporates
 34-0243
 MTO 230592

D280T232

34-61-01

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 Sheet 2
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-A
605

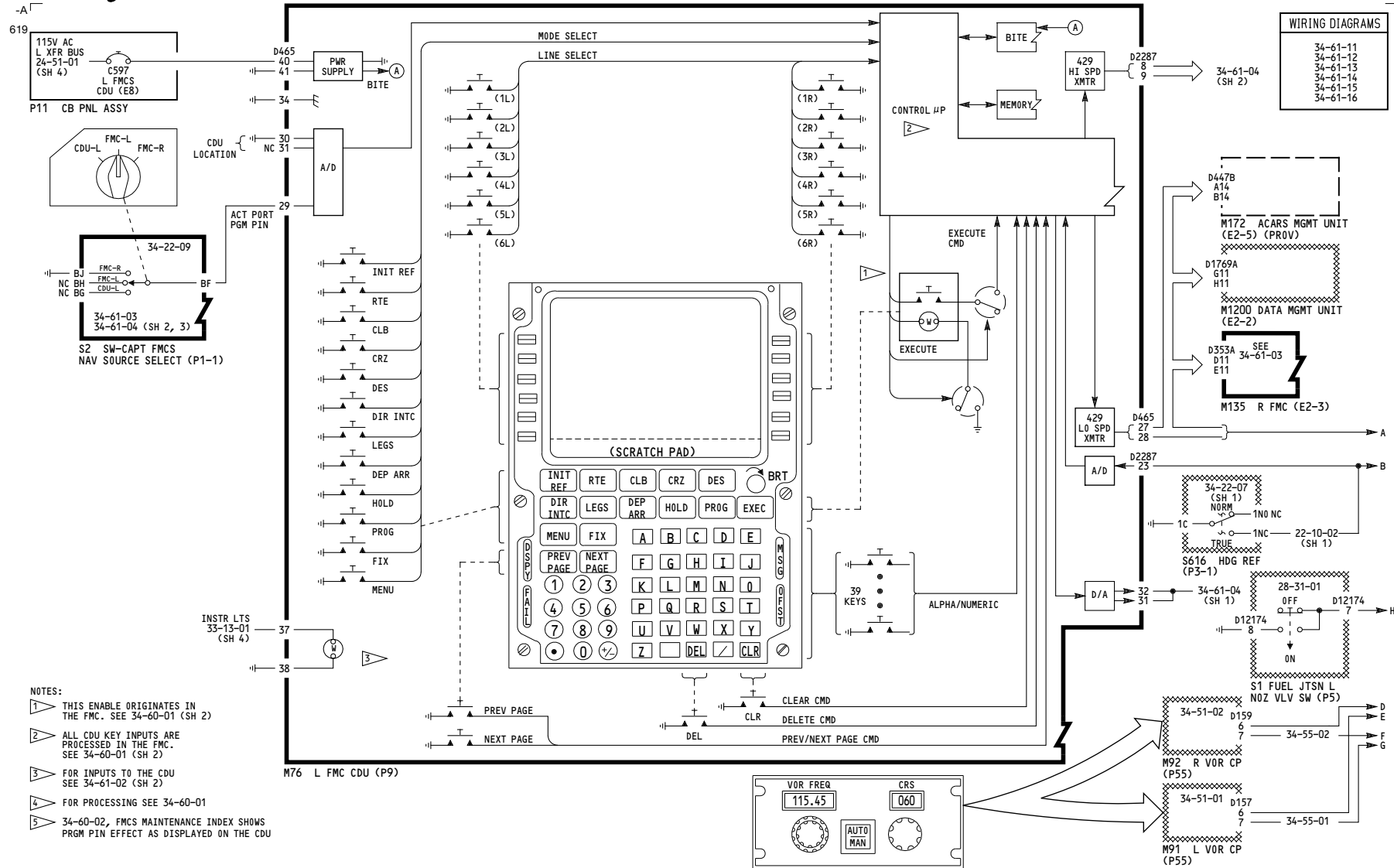


162-164	<p>FLIGHT MANAGEMENT COMPUTER INPUTS- LEFT</p> <p>D280T232</p>
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34-61-01

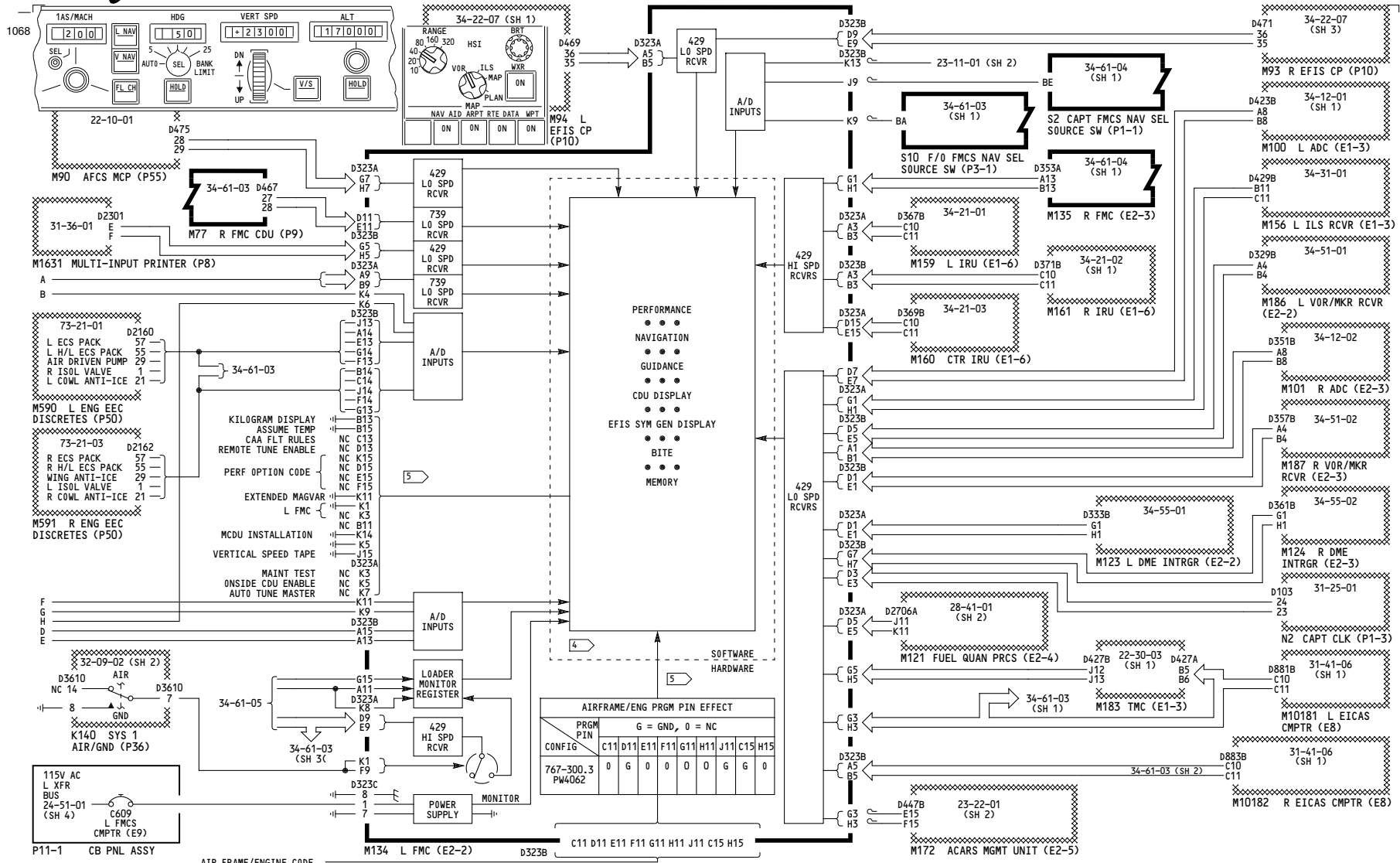
Page 104.3C
Sheet 3
May 20/2005

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**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

D280T232



165

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

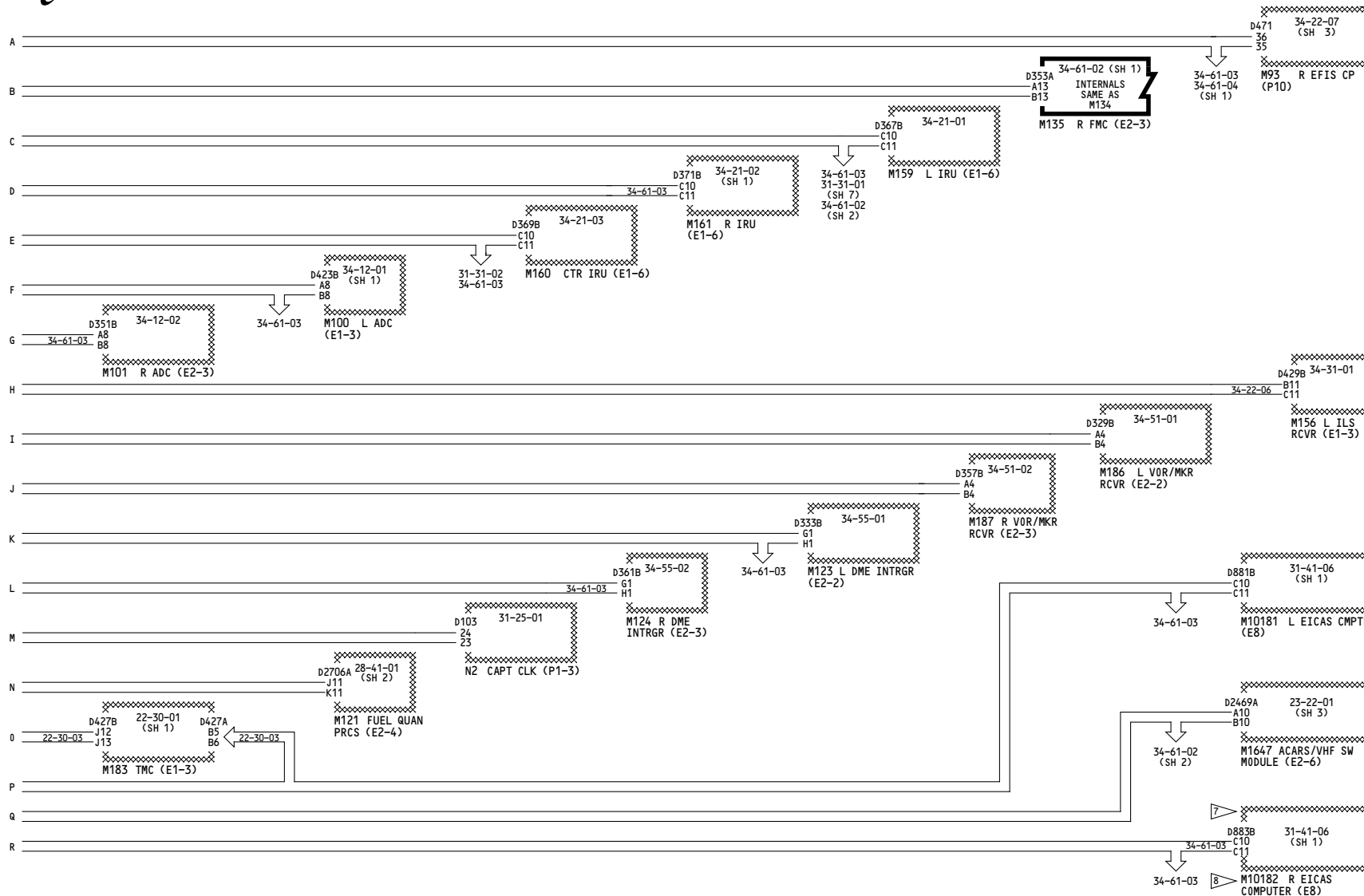
- Incorporates
- ▶ 34-0243
 - ▶ 71-0118
 - ▶ MTO 230592

D280T232

34-61-01

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Sheet 2
May 20/2005

-A
605

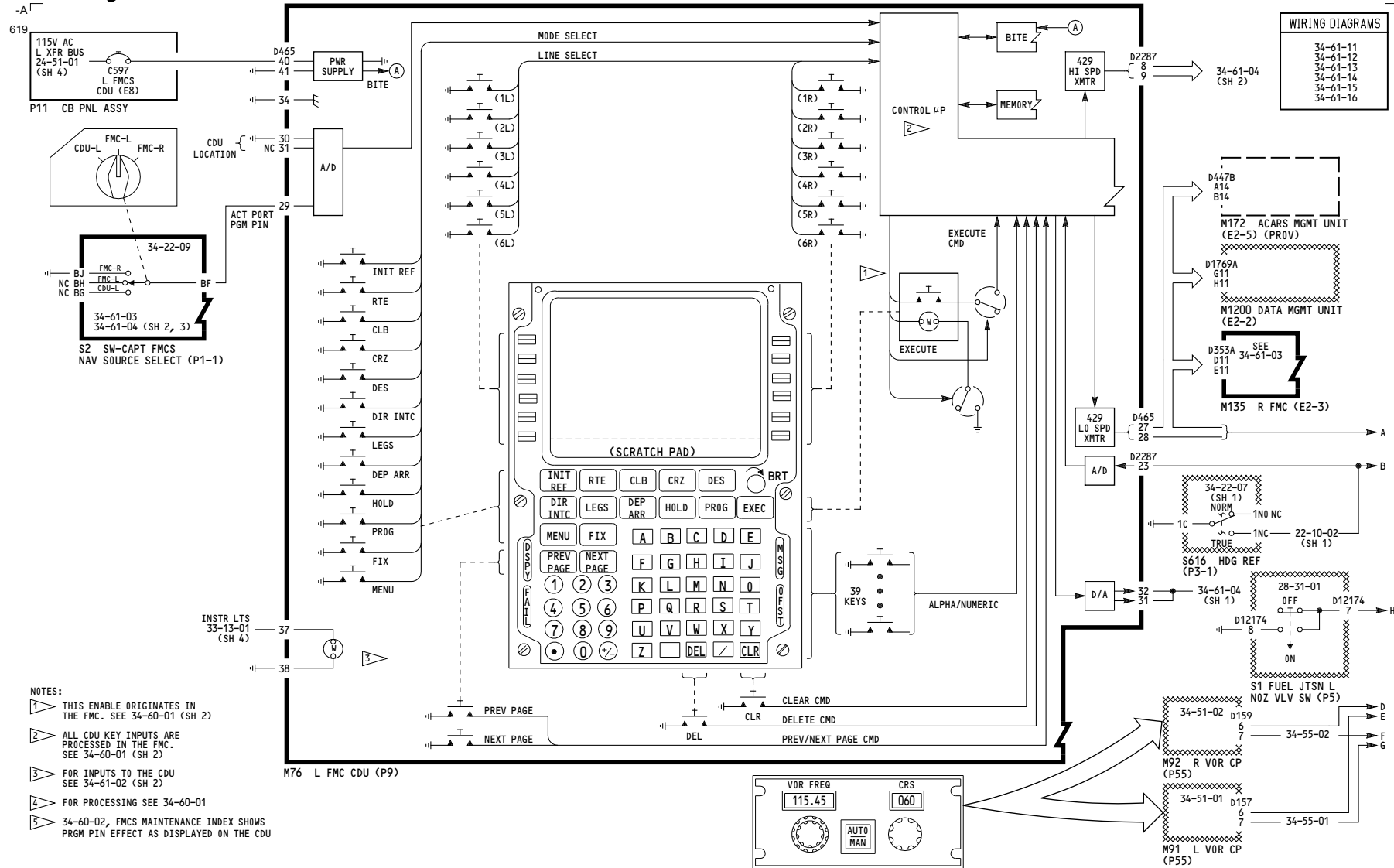


165	FLIGHT MANAGEMENT COMPUTER INPUTS- LEFT D280T232
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34-61-01

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Sheet 3
May 20/2005

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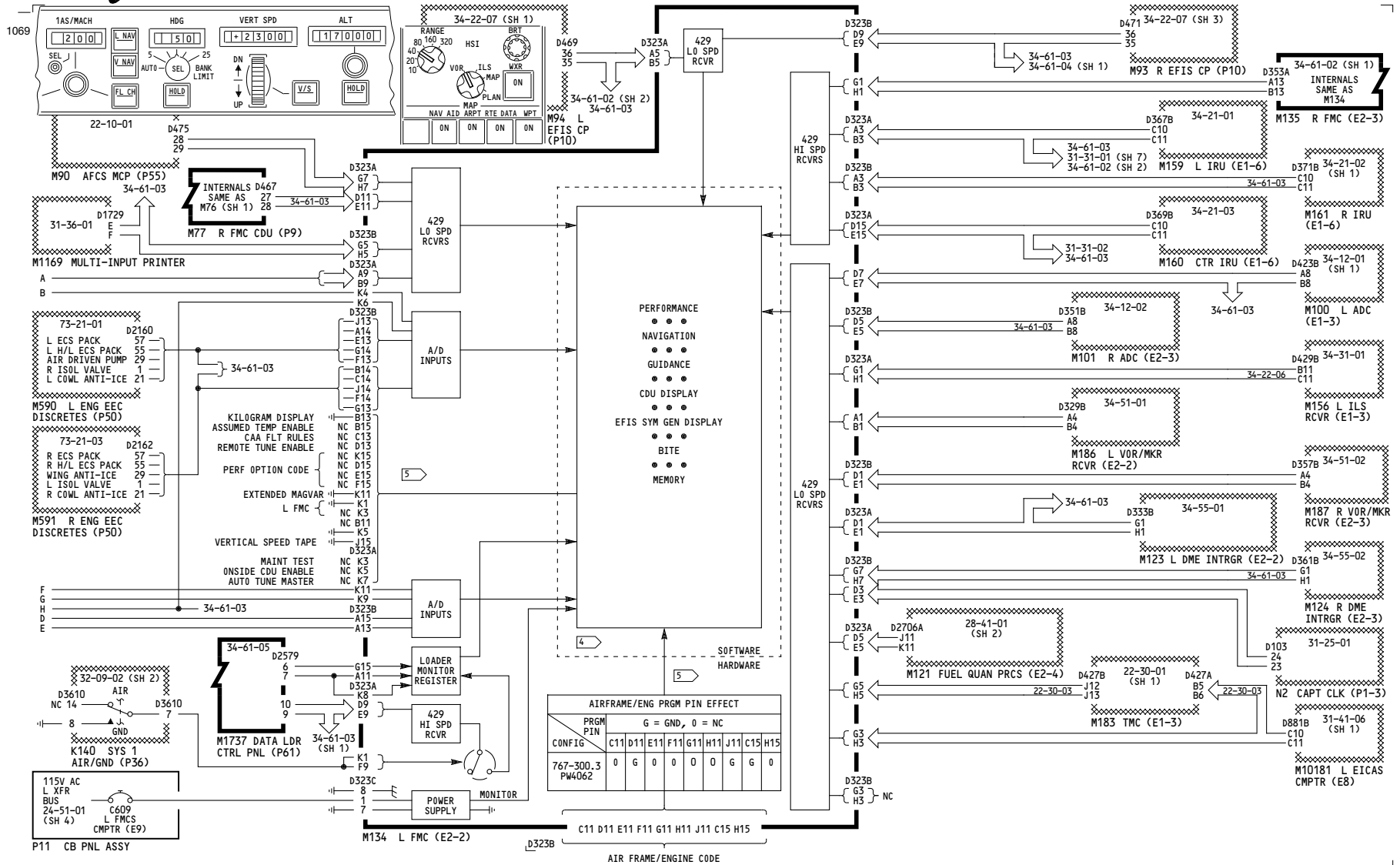
WIRING DIAGRAMS	
34-61-11	
34-61-12	
34-61-13	
34-61-14	
34-61-15	
34-61-16	

- NOTES:
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 - 3 FOR INPUTS TO THE CDU SEE 34-61-02 (SH 2)
 - 4 FOR PROCESSING SEE 34-60-01
 - 5 34-60-02, FMCS MAINTENANCE INDEX SHOWS PRGM PIN EFFECT AS DISPLAYED ON THE CDU

166	<p>FLIGHT MANAGEMENT COMPUTER INPUTS- LEFT</p> <p>D280T232</p>
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34-61-01

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Sheet 1
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166

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

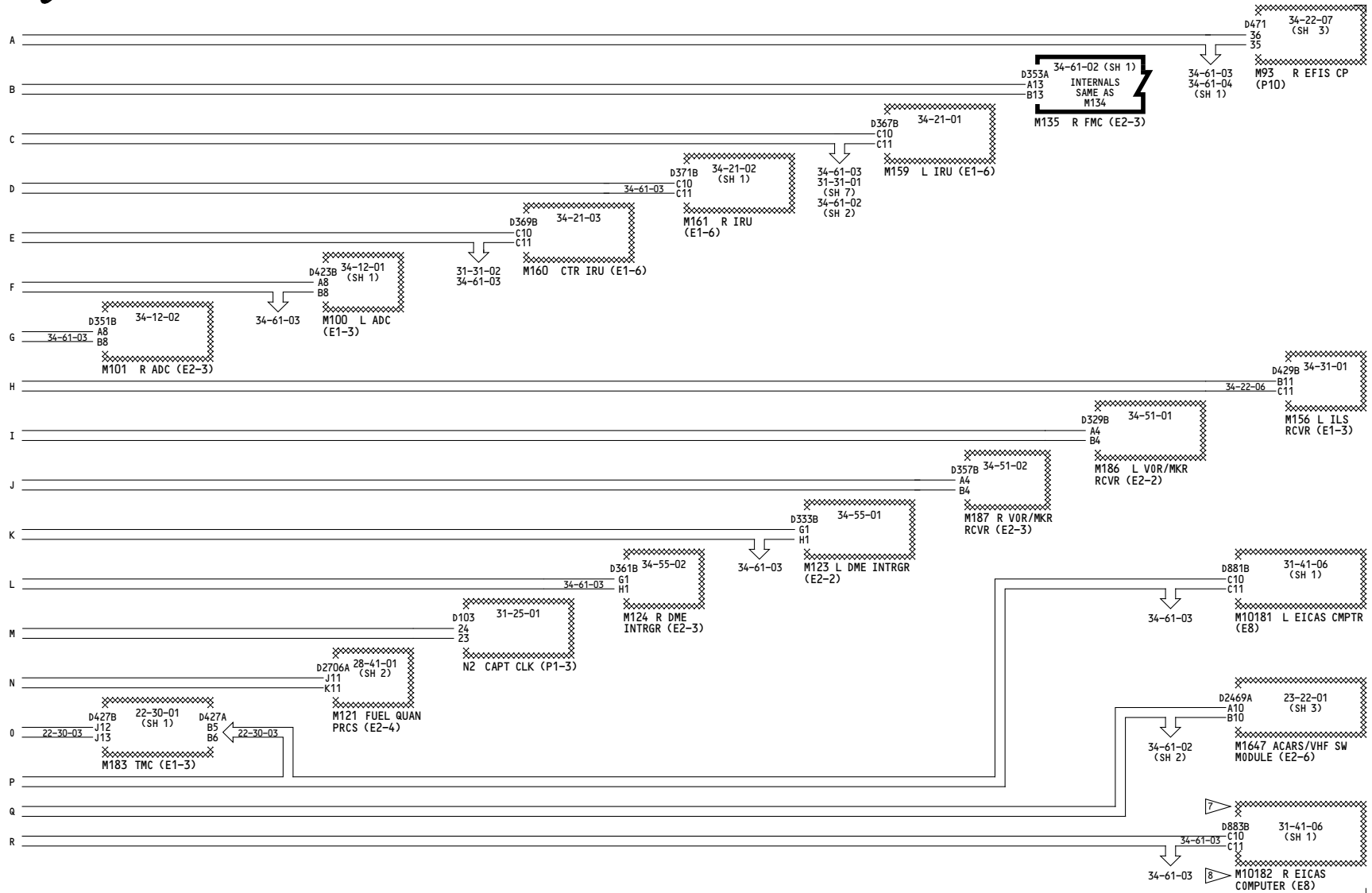
- Incorporates
- ▶ 34-0243
 - ▶ 71-0117
 - ▶ MTO 230591

D280T232

34-61-01

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Sheet 2
May 20/2005

-A
605

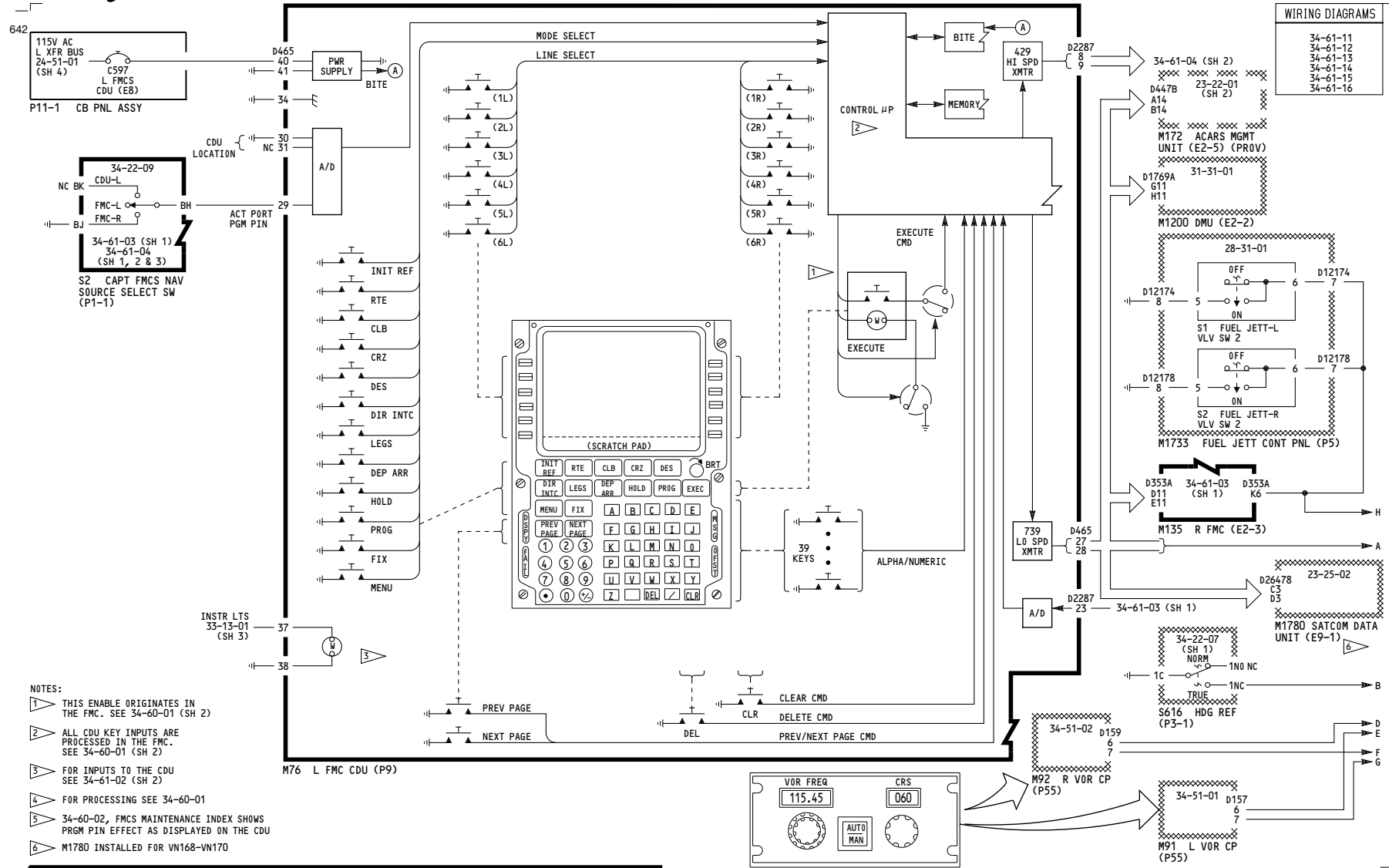


166	<p>FLIGHT MANAGEMENT COMPUTER INPUTS- LEFT</p> <p>D280T232</p>
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34-61-01

Page 104.5E
Sheet 3
May 20/2005

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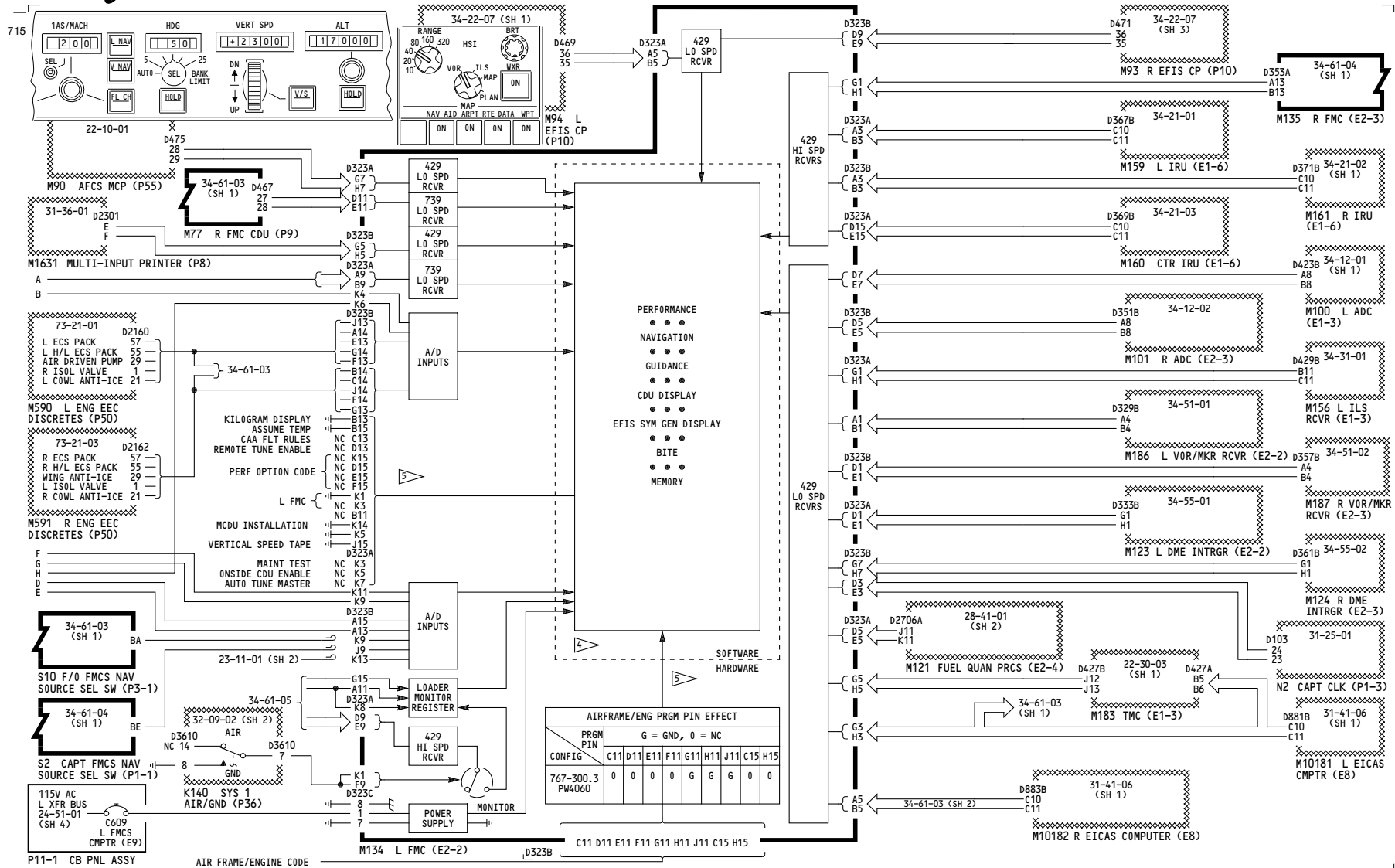
157

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

D280T232

34-61-01

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Sheet 1
Jan 21/2005

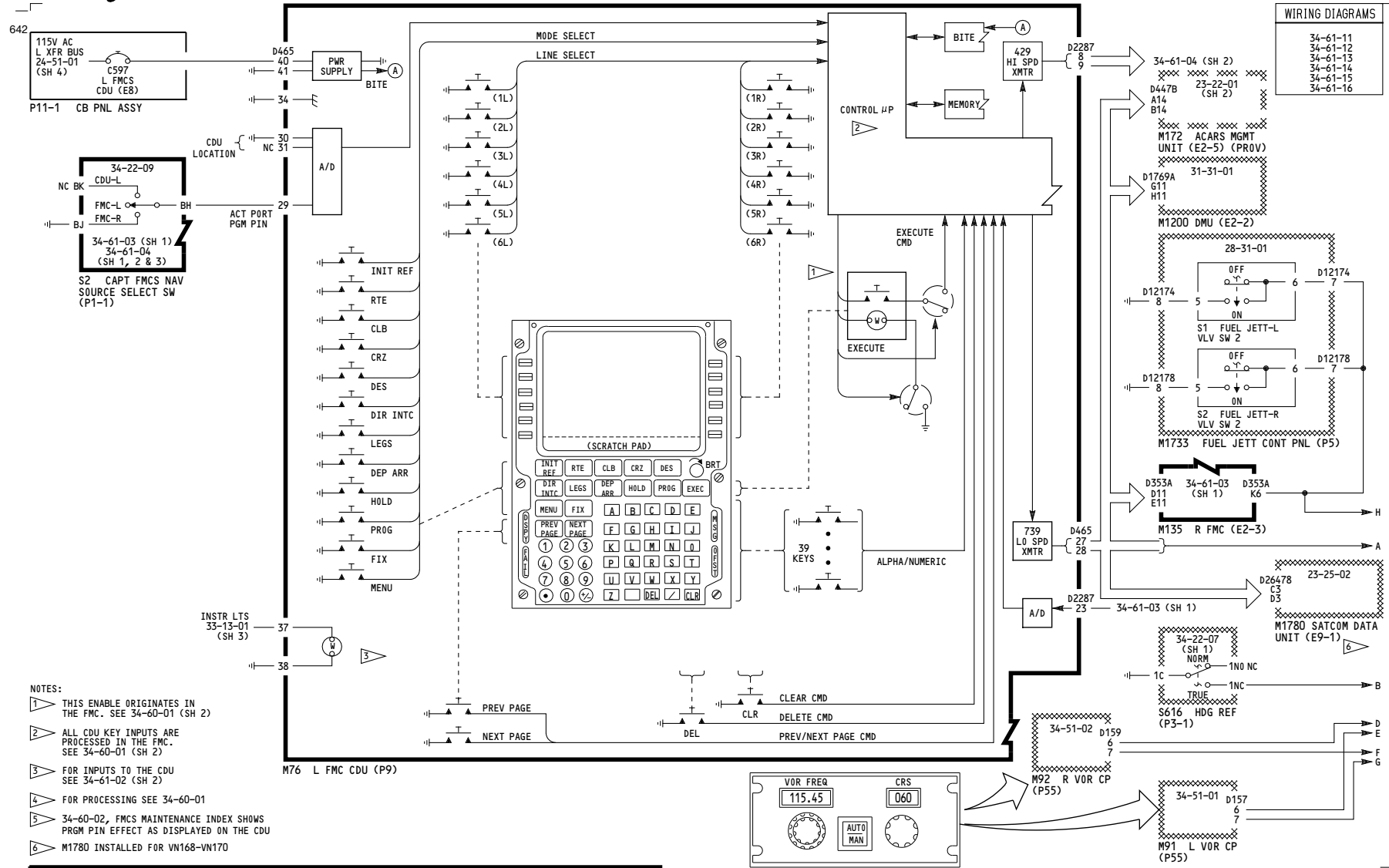


157

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

D280T232

34-61-01



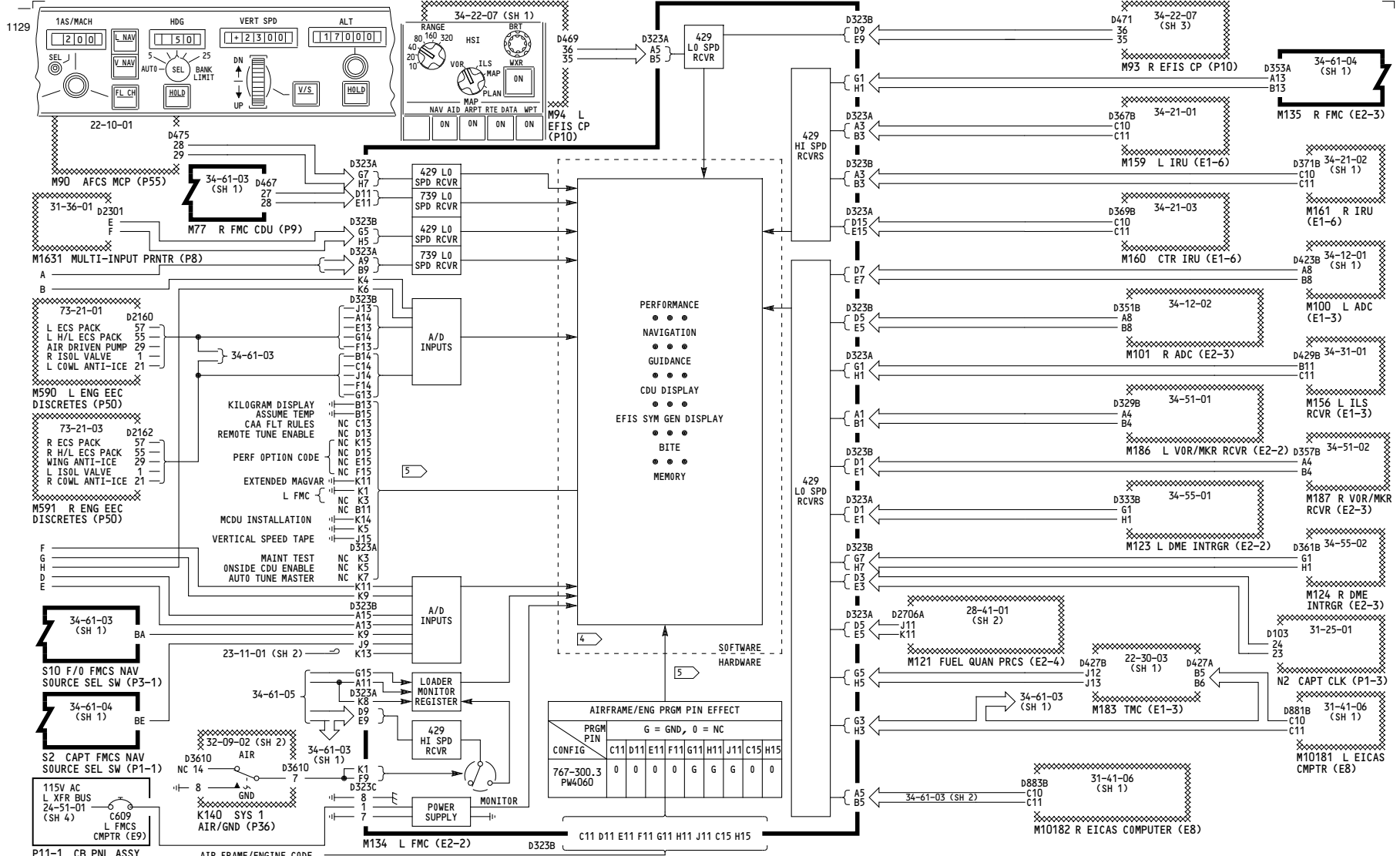
157

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

D280T232

34-61-01

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Jan 21/2005



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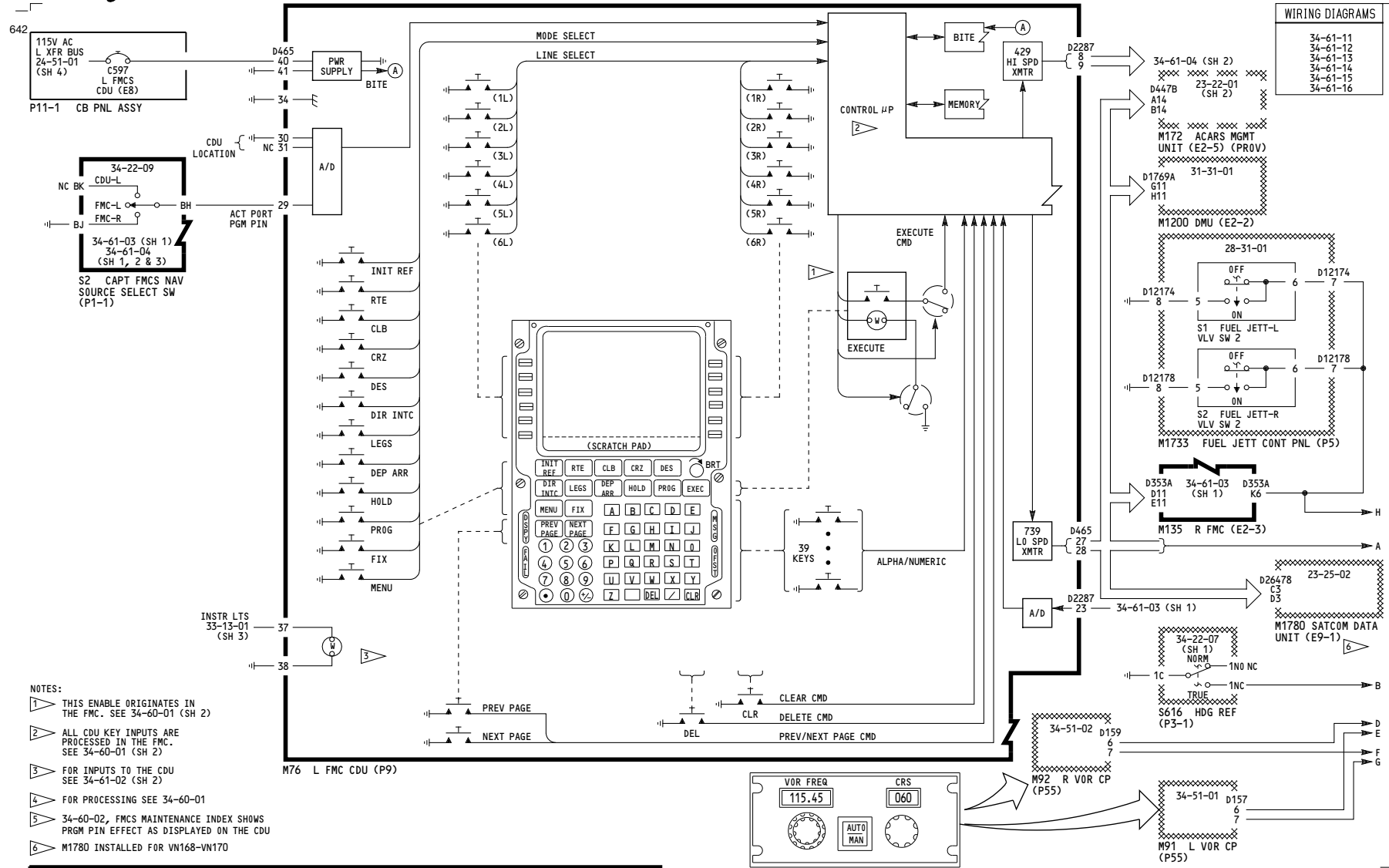
**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

- Incorporates
- ▶ 34-0243
 - ▶ 34-0544
 - ▶ MTO 230591

D280T232

34-61-01

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Sheet 2
Mar 14/2007



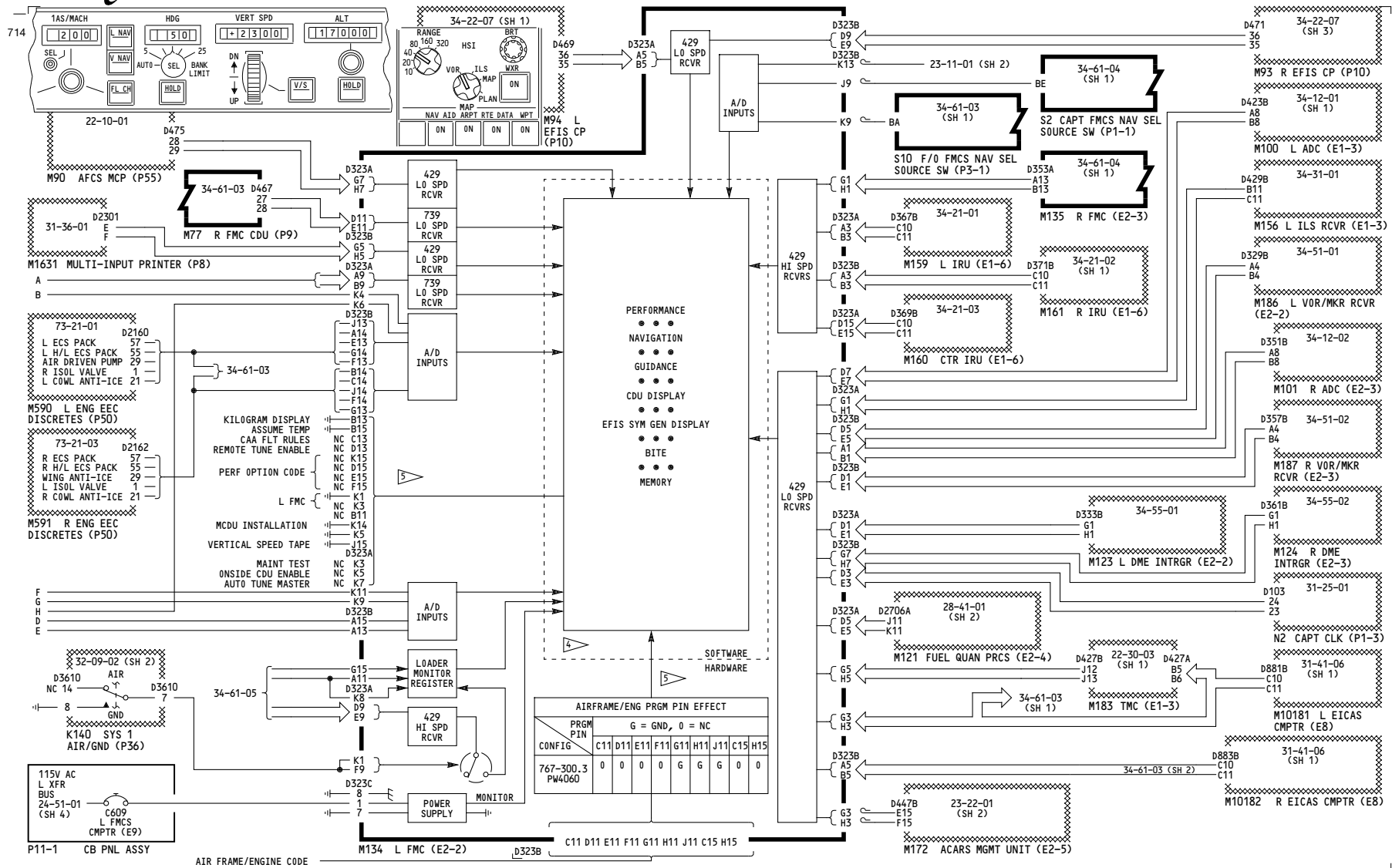
- NOTES:
- 1 THIS ENABLE ORIGINATES IN THE FMC. SEE 34-60-01 (SH 2)
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 - 3 FOR INPUTS TO THE CDU SEE 34-61-02 (SH 2)
 - 4 FOR PROCESSING SEE 34-60-01
 - 5 34-60-02, FMCS MAINTENANCE INDEX SHOWS PRGM PIN EFFECT AS DISPLAYED ON THE CDU
 - 6 M1780 INSTALLED FOR VN168-VN170

167-199

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

D280T232

34-61-01



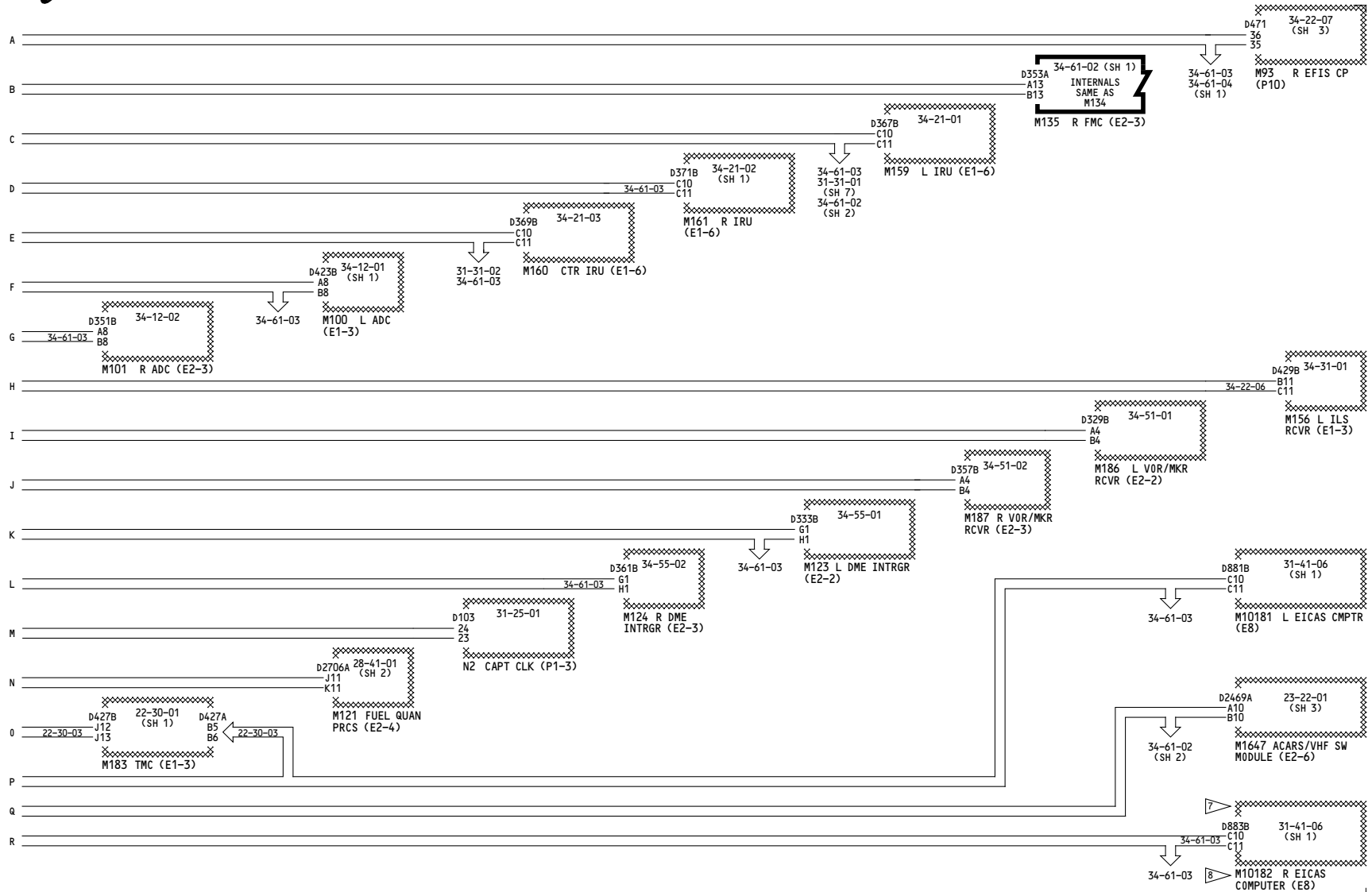
167-199

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

D280T232

34-61-01

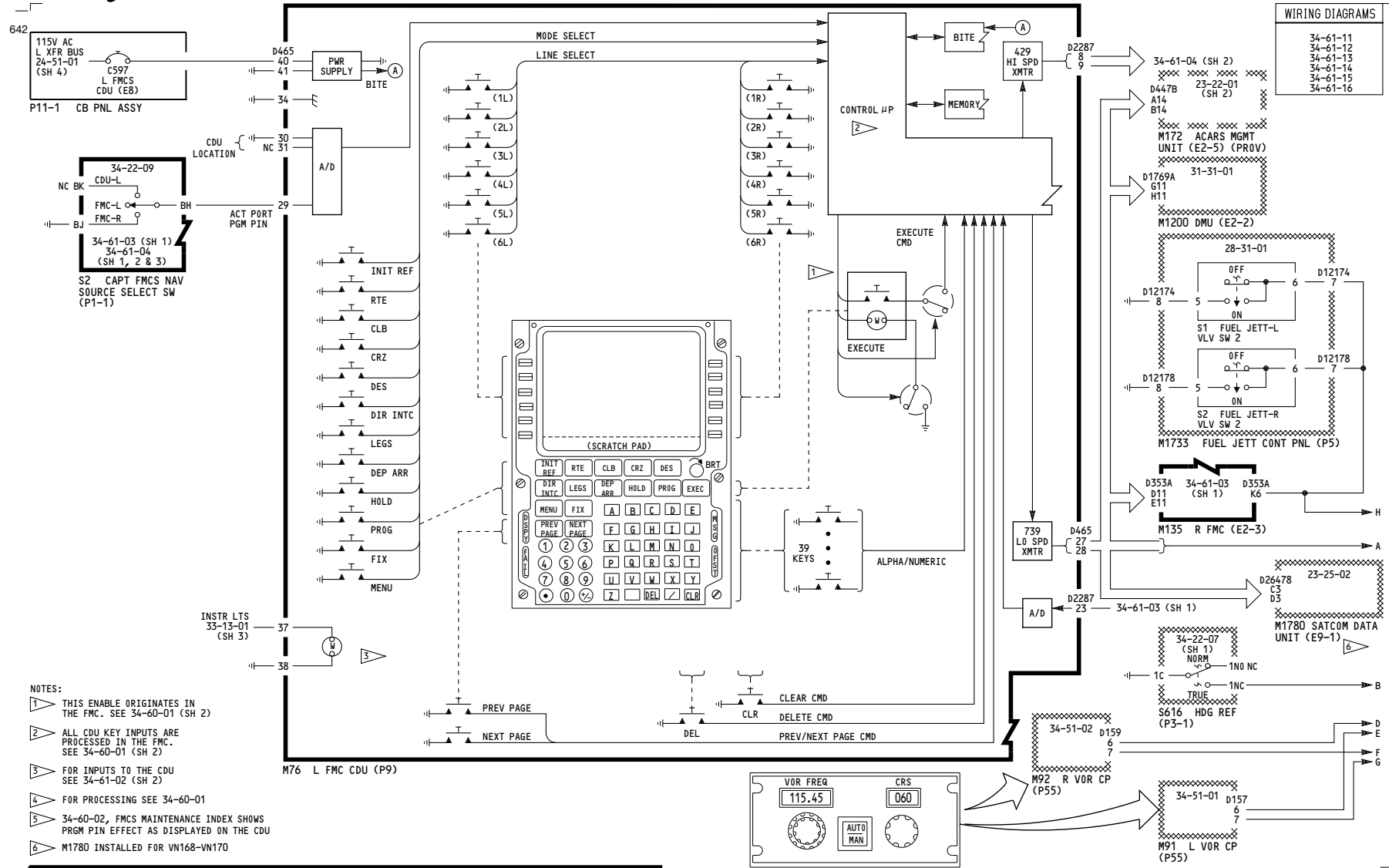
-A
605



167-199	<p>FLIGHT MANAGEMENT COMPUTER INPUTS- LEFT</p> <p>D280T232</p>
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34-61-01

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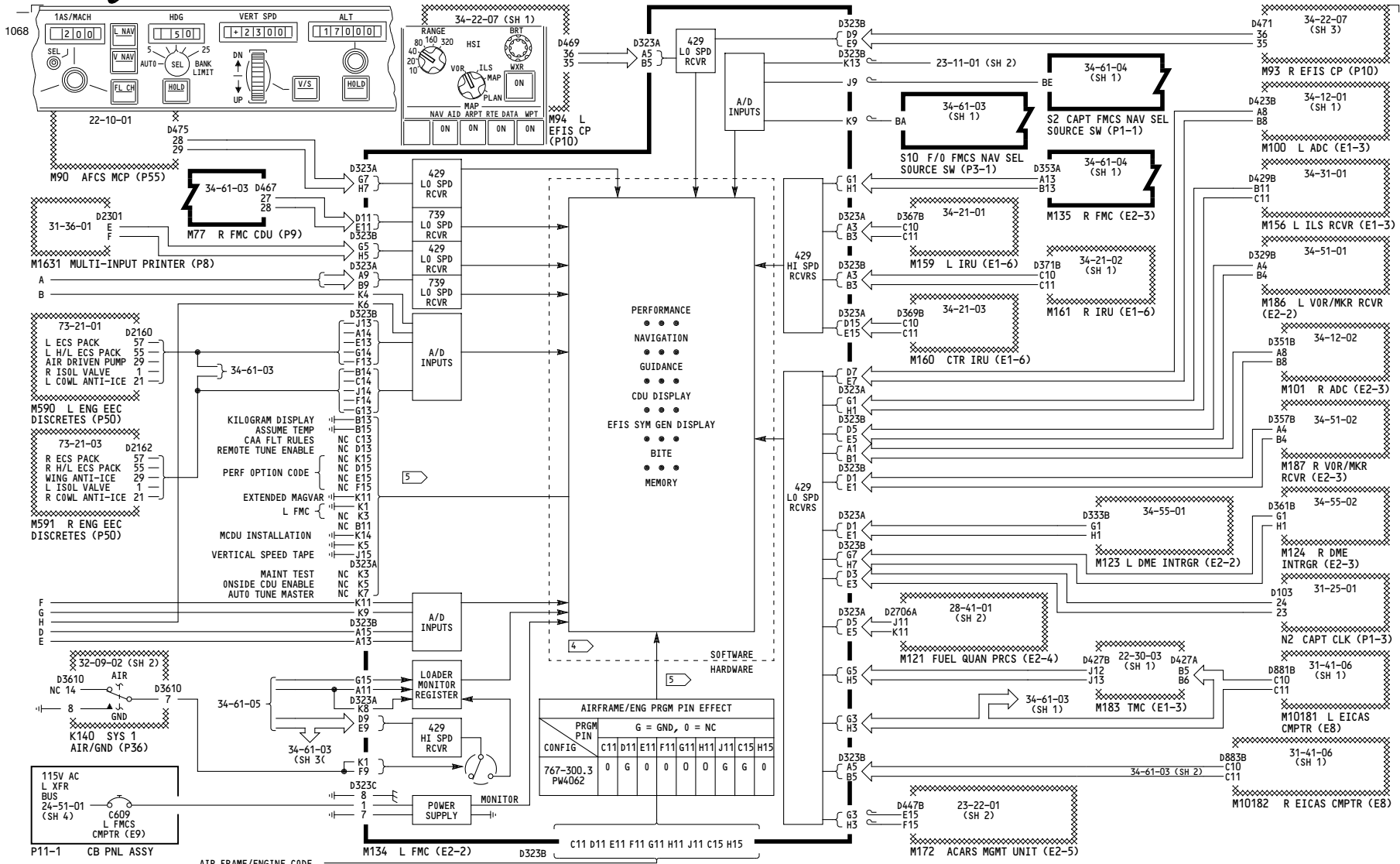
- NOTES:**
- 1 THIS ENABLE ORIGINATES IN THE FMC. SEE 34-60-01 (SH 2)
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 - 4 FOR PROCESSING SEE 34-60-01
 - 5 34-60-02, FMCS MAINTENANCE INDEX SHOWS PRGM PIN EFFECT AS DISPLAYED ON THE CDU
 - 6 M1780 INSTALLED FOR VN168-VN170

167

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

D280T232

34-61-01



167

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

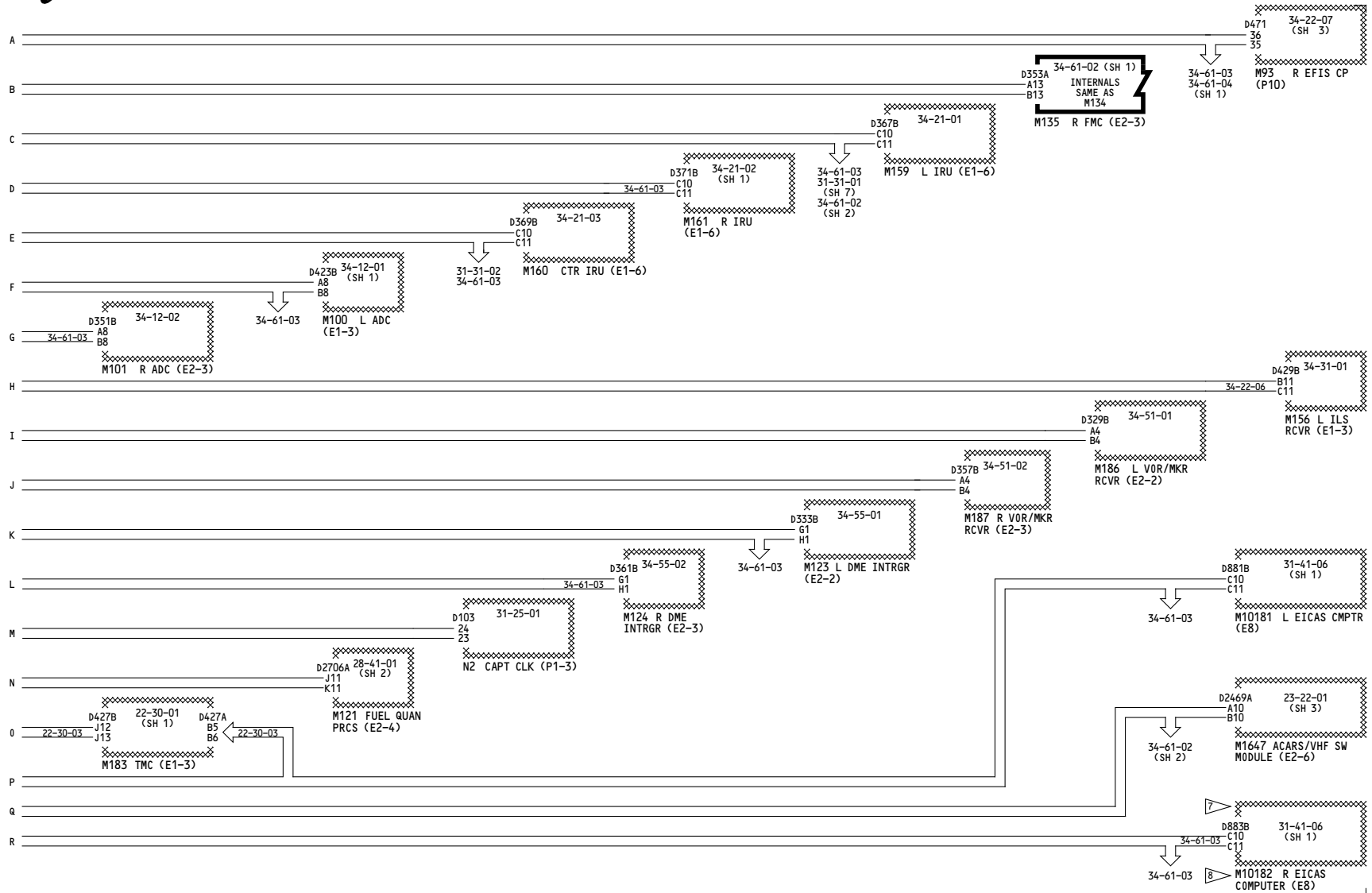
- Incorporates
- ▶ 34-0243
- ▶ 71-0118
- ▶ MTO 230591

D280T232

34-61-01

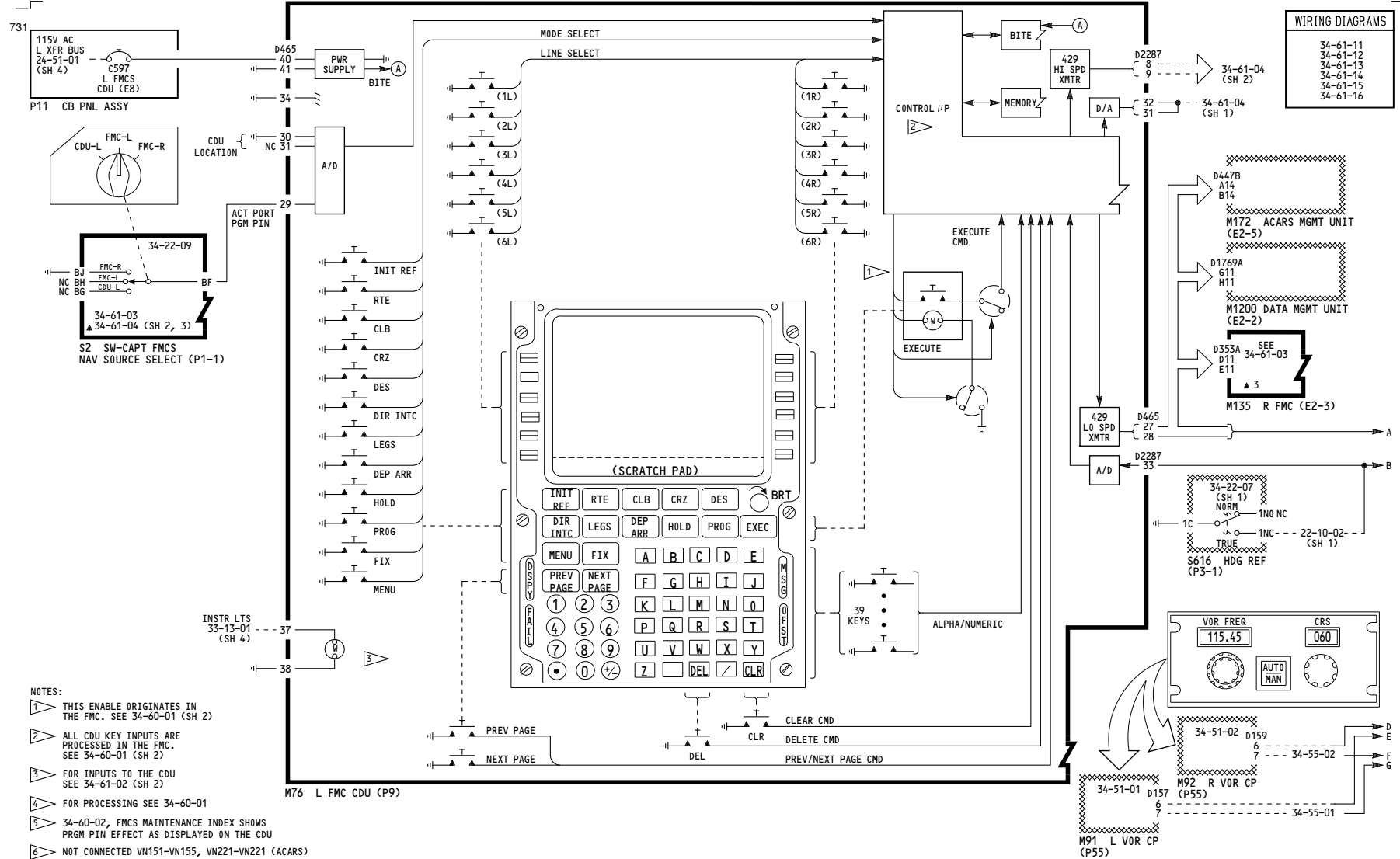
Page 106.1A
Sheet 2
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-A
605



34-61-01

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WIRING DIAGRAMS

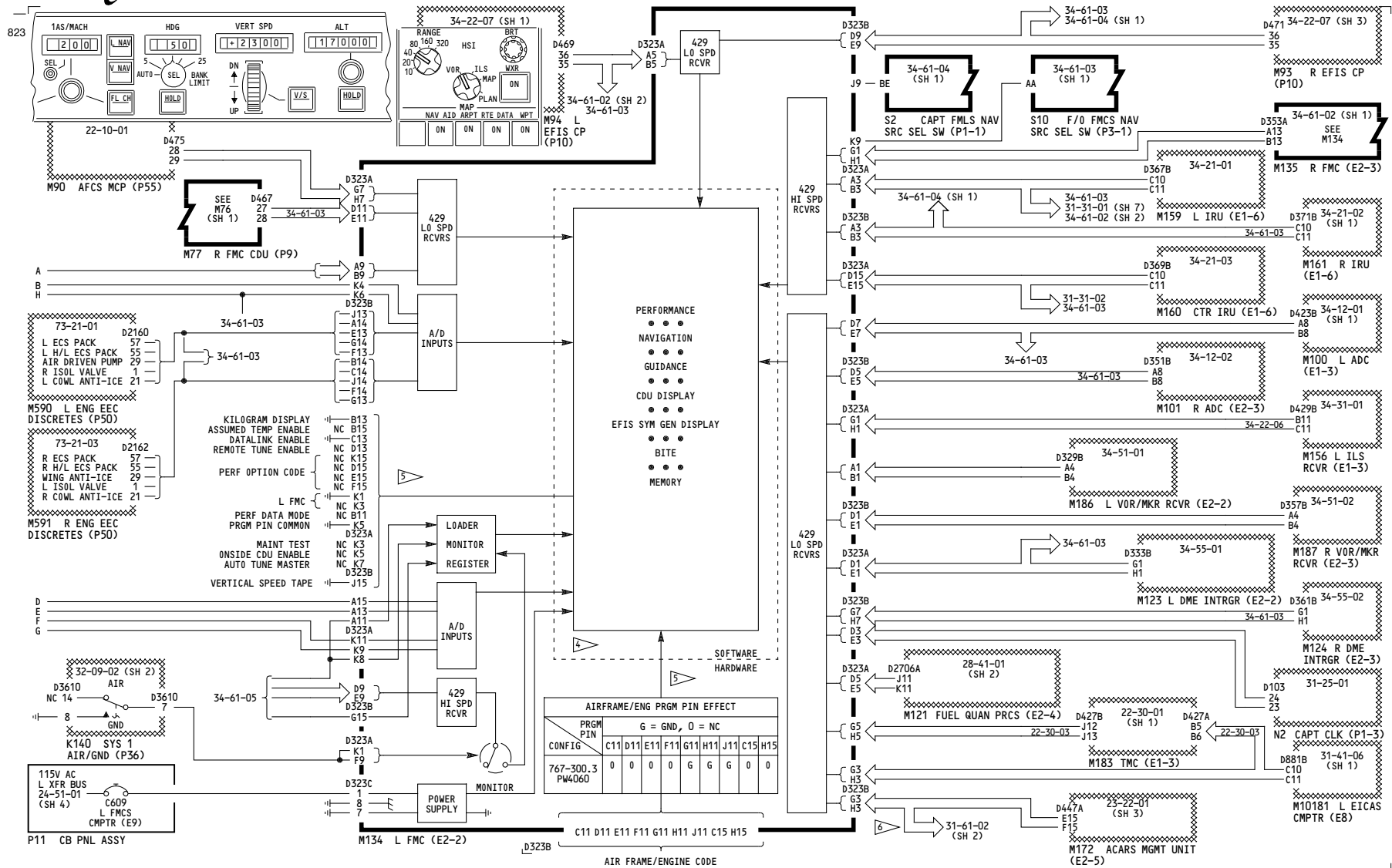
34-61-11
34-61-12
34-61-13
34-61-14
34-61-15
34-61-16

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 - 5 34-60-02, FMC'S MAINTENANCE INDEX SHOWS PRGM PIN EFFECT AS DISPLAYED ON THE CDU
 - 6 NOT CONNECTED VN151-VN155, VN221-VN221 (ACARS)

275	<p>FLIGHT MANAGEMENT COMPUTER INPUTS- LEFT</p> <p style="font-size: small;">D280T232</p>	<p>Incorporates MTO-230589</p>
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34-61-01

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AIRFRAME/ENG PRGM PIN EFFECT

PRGM PIN	C11	D11	E11	F11	G11	H11	J11	C15	H15
767-300.3 PW4060	0	0	0	0	0	G	G	0	0

Legend: G = GND, 0 = NC

275

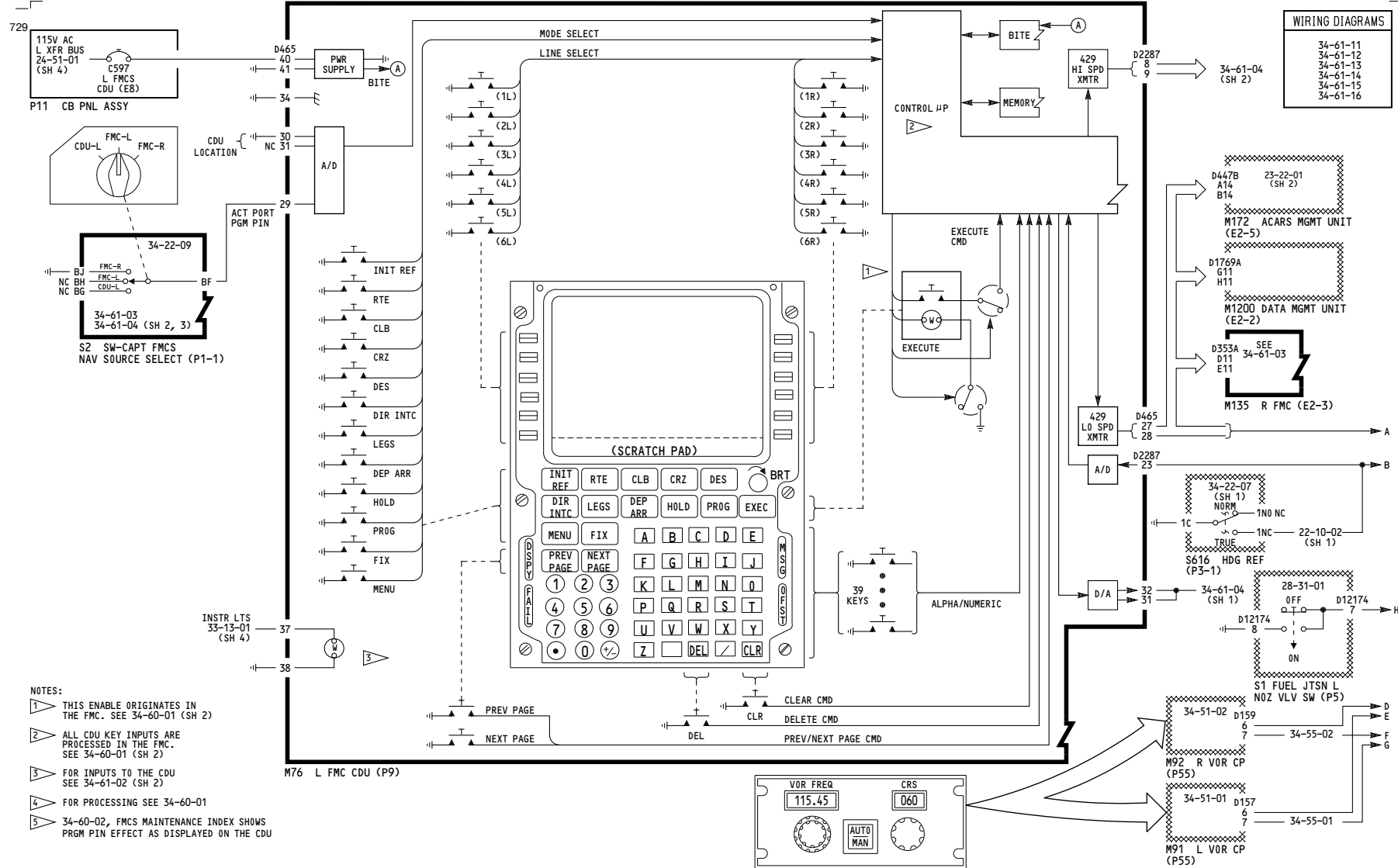
**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

- Incorporates
- ▶ 34-0137
 - ▶ 34-0168
 - ▶ 34-0241

D280T232

34-61-01

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Sheet 2
Jan 21/2005



- NOTES:**
- 1 THIS ENABLE ORIGINATES IN THE FMC. SEE 34-60-01 (SH 2)
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 - 3 FOR INPUTS TO THE CDU SEE 34-61-02 (SH 2)
 - 4 FOR PROCESSING SEE 34-60-01
 - 5 34-60-02, FMCS MAINTENANCE INDEX SHOWS PRGM PIN EFFECT AS DISPLAYED ON THE CDU

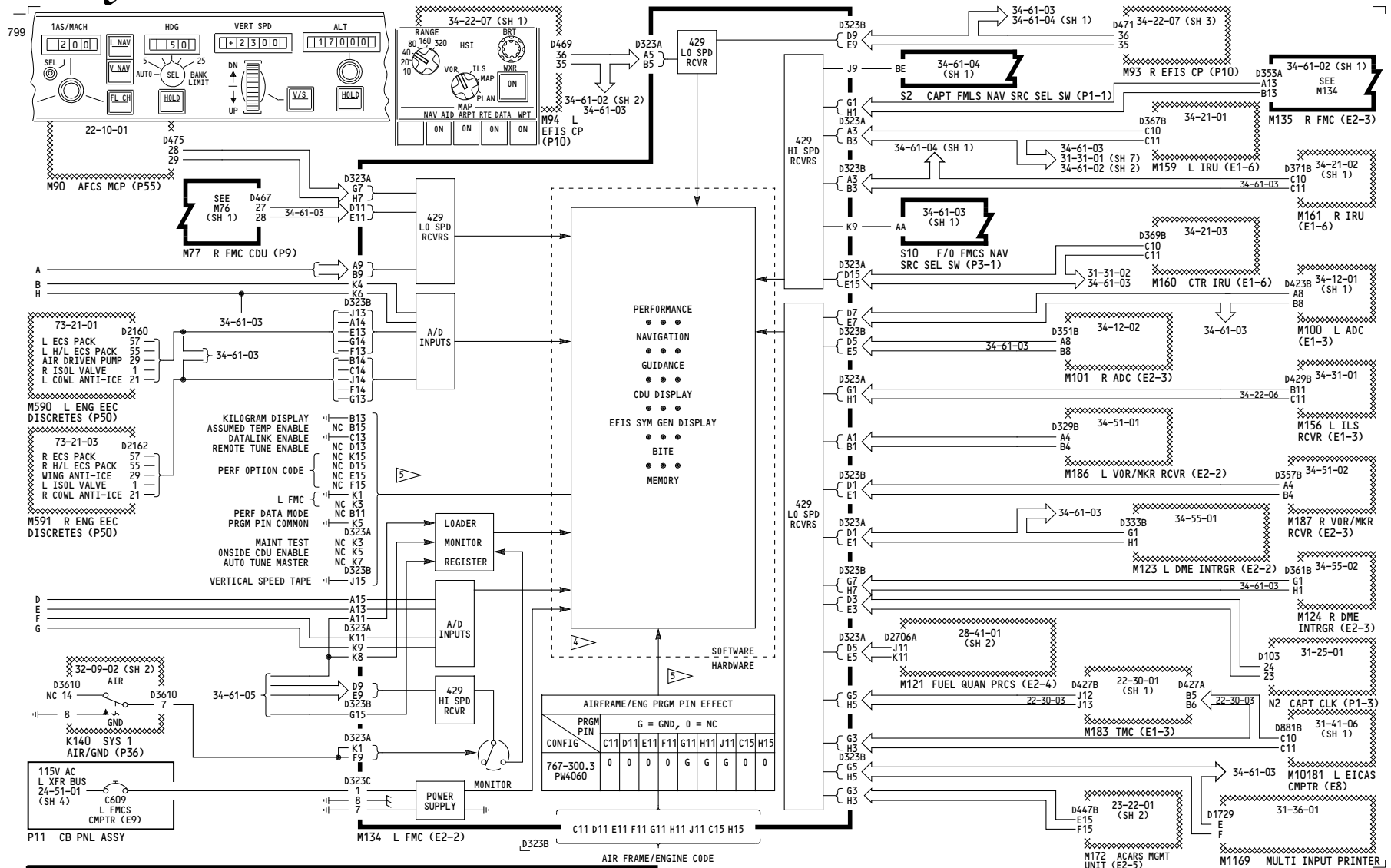
276

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

D280T232

Incorporates
MTO-230589

34-61-01



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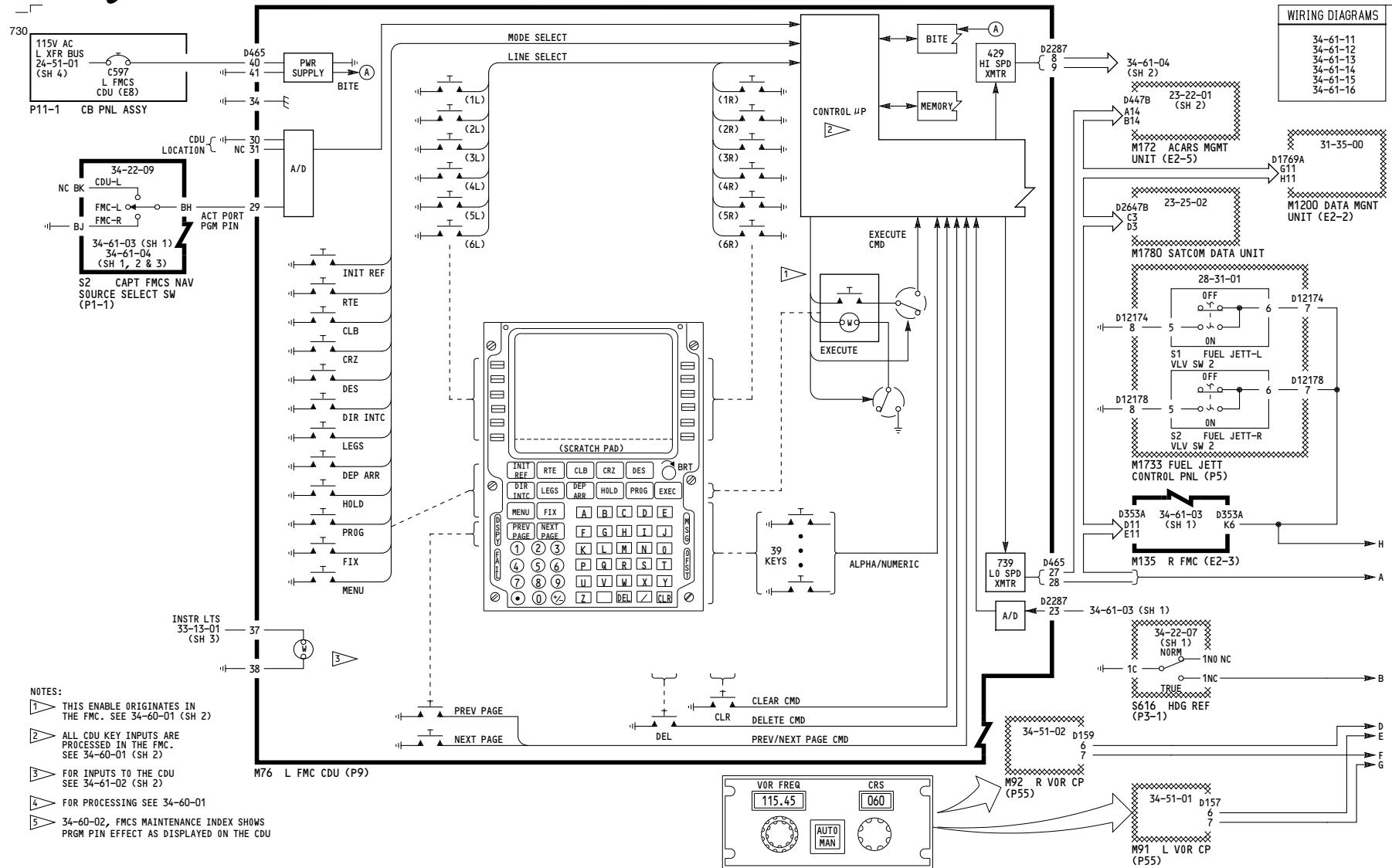
**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

- Incorporates
- ▶ 34-0137
 - ▶ 34-0168
 - ▶ 34-0241

D280T232

34-61-01

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WIRING DIAGRAMS	
34-61-11	
34-61-12	
34-61-13	
34-61-14	
34-61-15	
34-61-16	

- NOTES:
- 1 THIS ENABLE ORIGINATES IN THE FMC. SEE 34-60-01 (SH 2)
 - 2 ALL CDU KEY INPUTS ARE PROCESSED IN THE FMC. SEE 34-60-01 (SH 2)
 - 3 FOR INPUTS TO THE CDU SEE 34-61-02 (SH 2)
 - 4 FOR PROCESSING SEE 34-60-01
 - 5 34-60-02, FMCS MAINTENANCE INDEX SHOWS PRGM PIN EFFECT AS DISPLAYED ON THE CDU

277-280

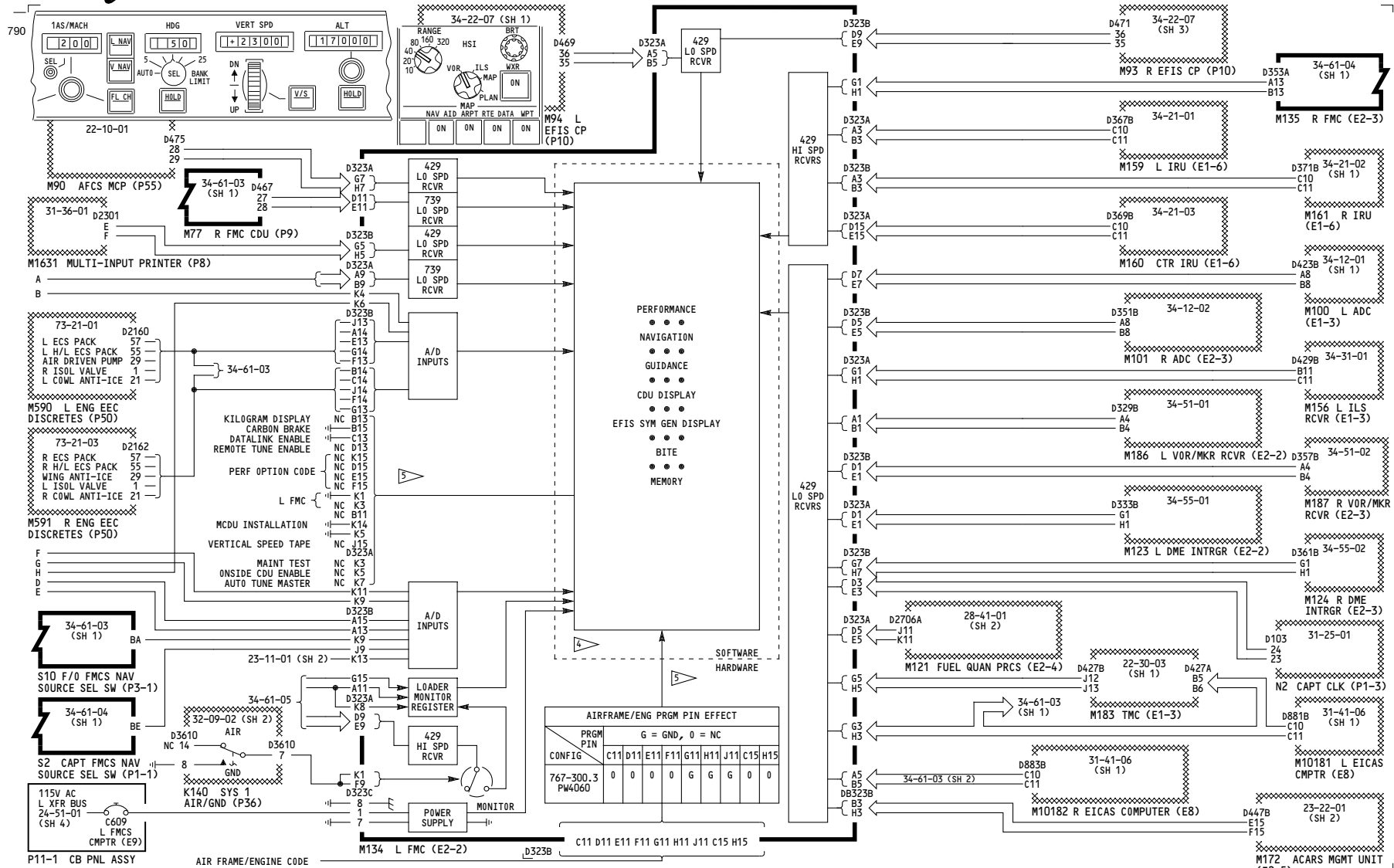
**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

D280T232

Incorporates
MTO-230589

34-61-01

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277-280

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
LEFT**

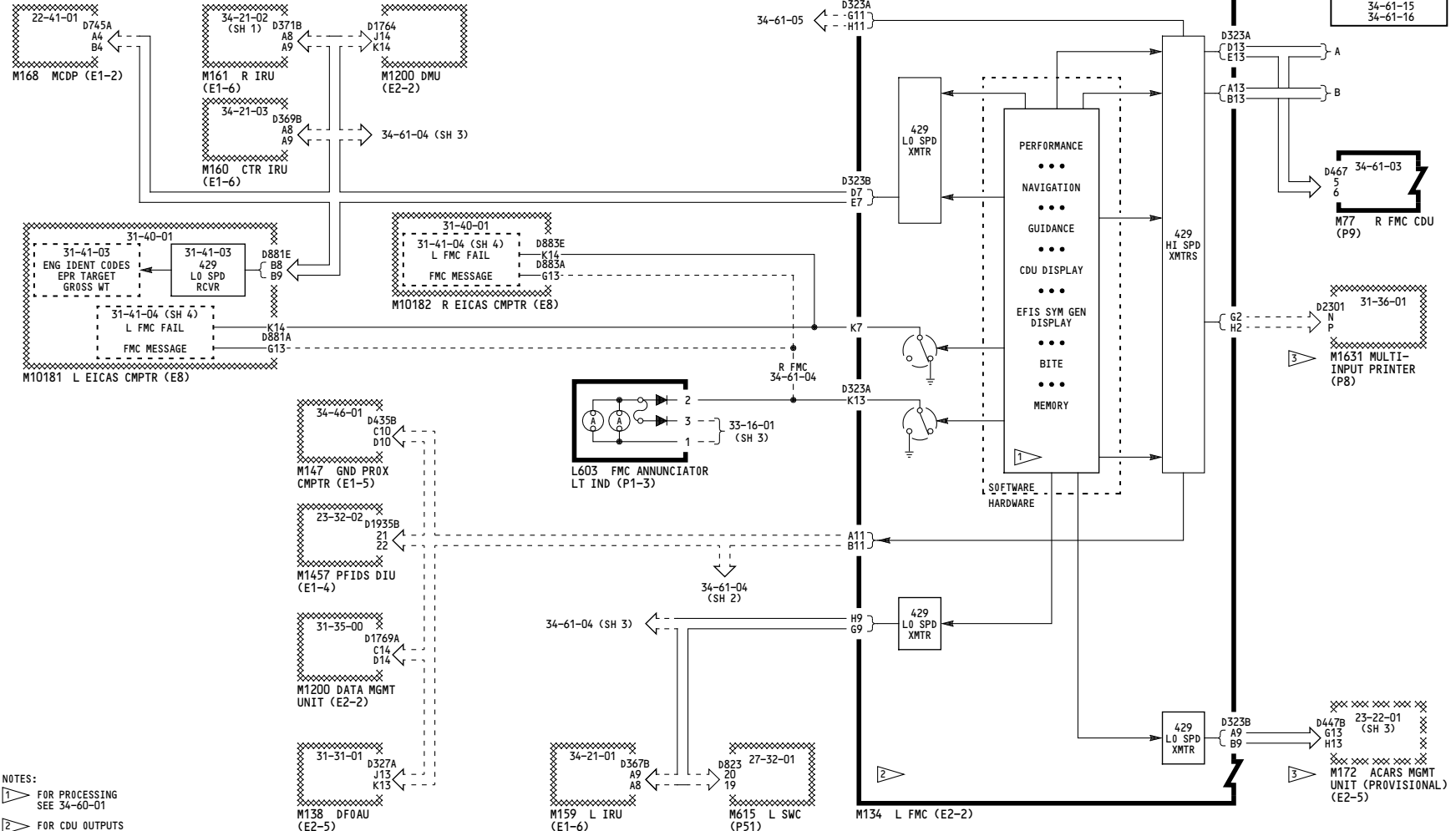
- Incorporates
- ▶▶ 34-0131
 - ▶▶ 34-0241

D280T232

34-61-01

630

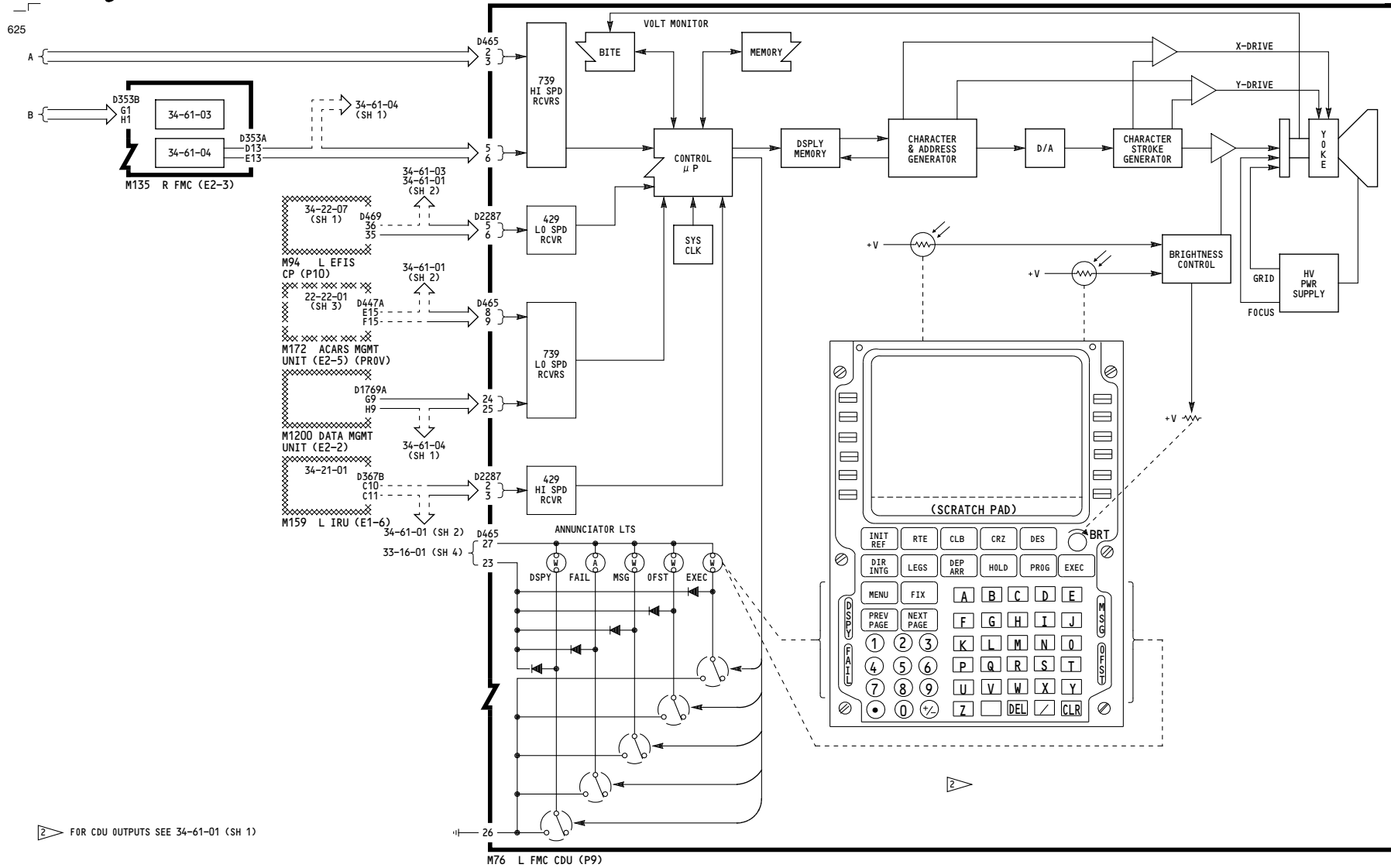
WIRING DIAGRAMS	
34-61-11	
34-61-15	
34-61-16	



- NOTES:
- 1 FOR PROCESSING SEE 34-60-01
 - 2 FOR CDU OUTPUTS SEE 34-61-01 (SH 1)
 - 3 NOT CONNECTED

050-099	FLIGHT MANAGEMENT COMPUTER OUTPUTS- LEFT
	D280T232

34-61-02



FOR CDU OUTPUTS SEE 34-61-01 (SH 1)

050-099

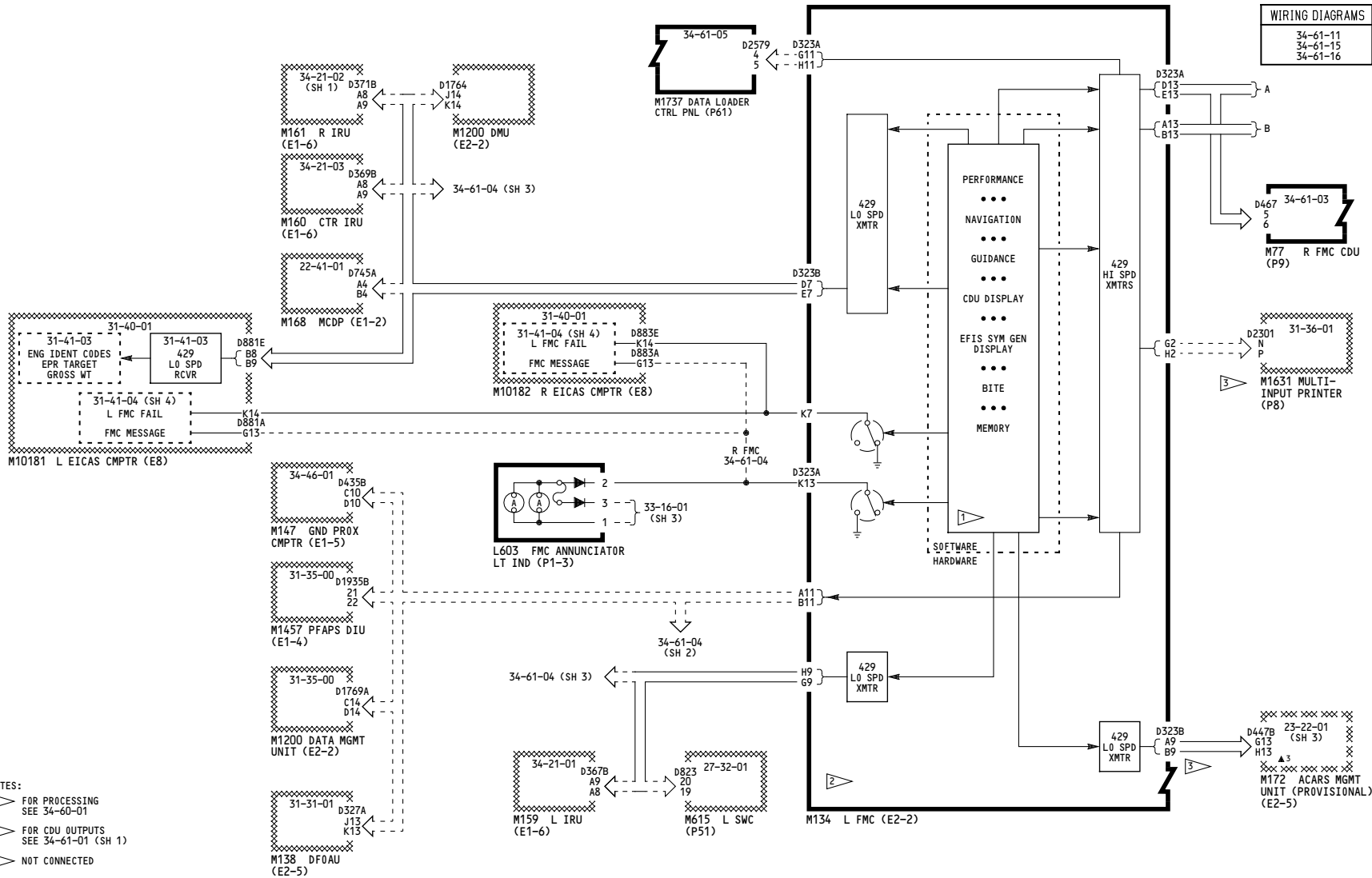
**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
LEFT**

D280T232

34-61-02

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Sheet 2
Jan 21/2005

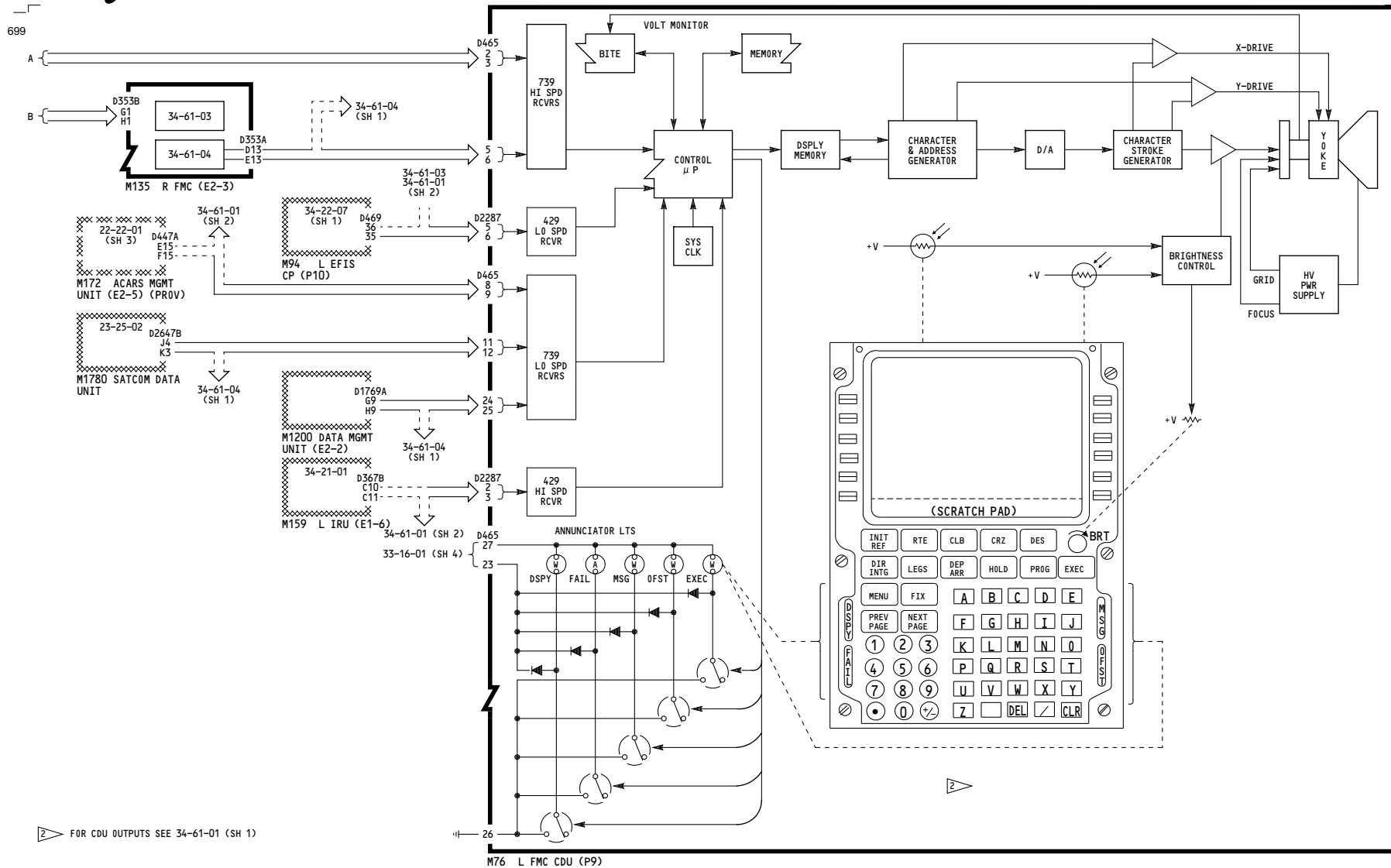
WIRING DIAGRAMS
 34-61-11
 34-61-15
 34-61-16



- NOTES:**
- 1 FOR PROCESSING SEE 34-60-01
 - 2 FOR CDU OUTPUTS SEE 34-61-01 (SH 1)
 - 3 NOT CONNECTED

150, 153-154	FLIGHT MANAGEMENT COMPUTER OUTPUTS-LEFT	Incorporates 31-0031
D280T232		

34-61-02



FOR CDU OUTPUTS SEE 34-61-01 (SH 1)

150, 153-154

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
LEFT**

Incorporates
MTO 230593

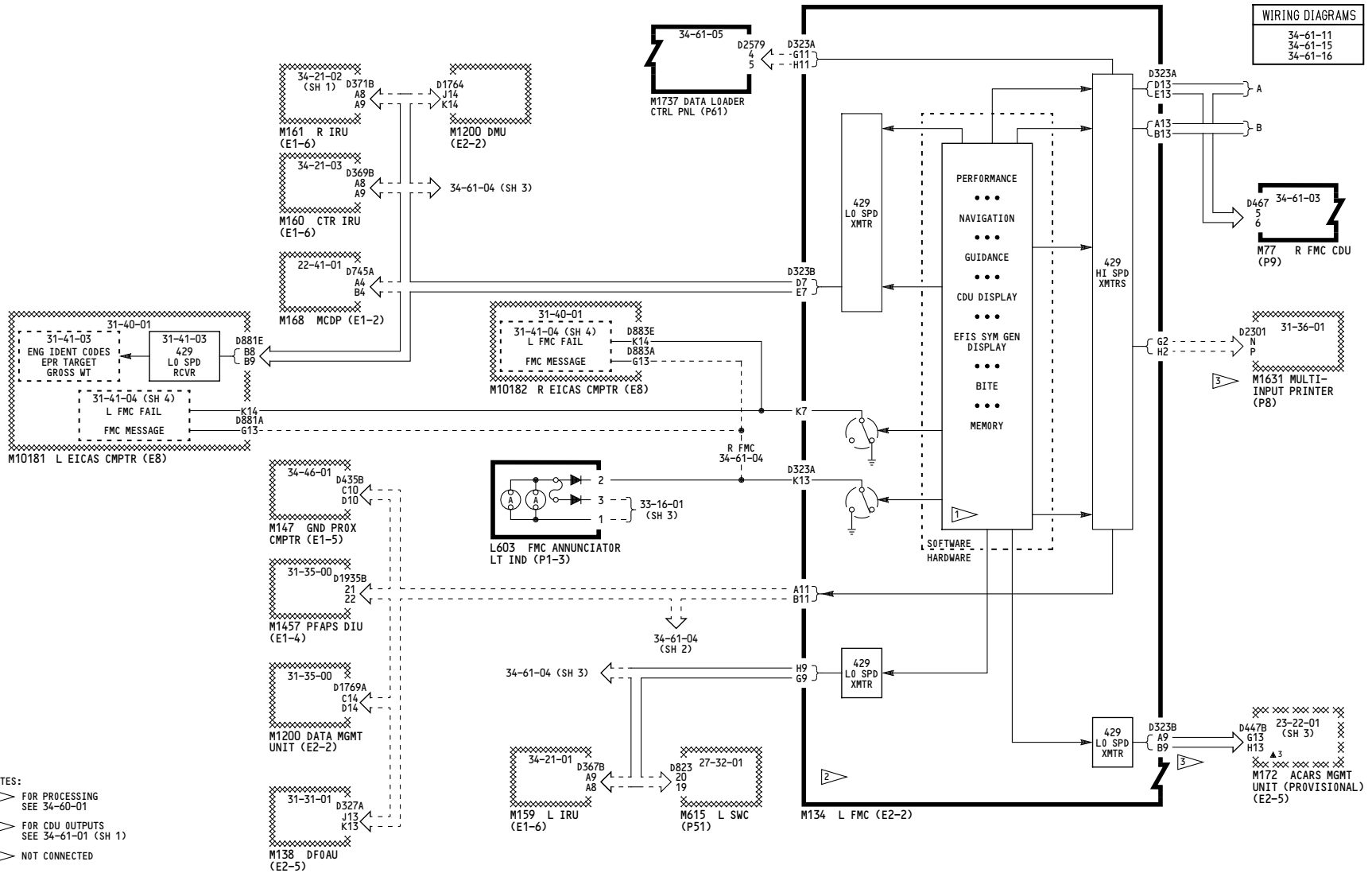
D280T232

34-61-02

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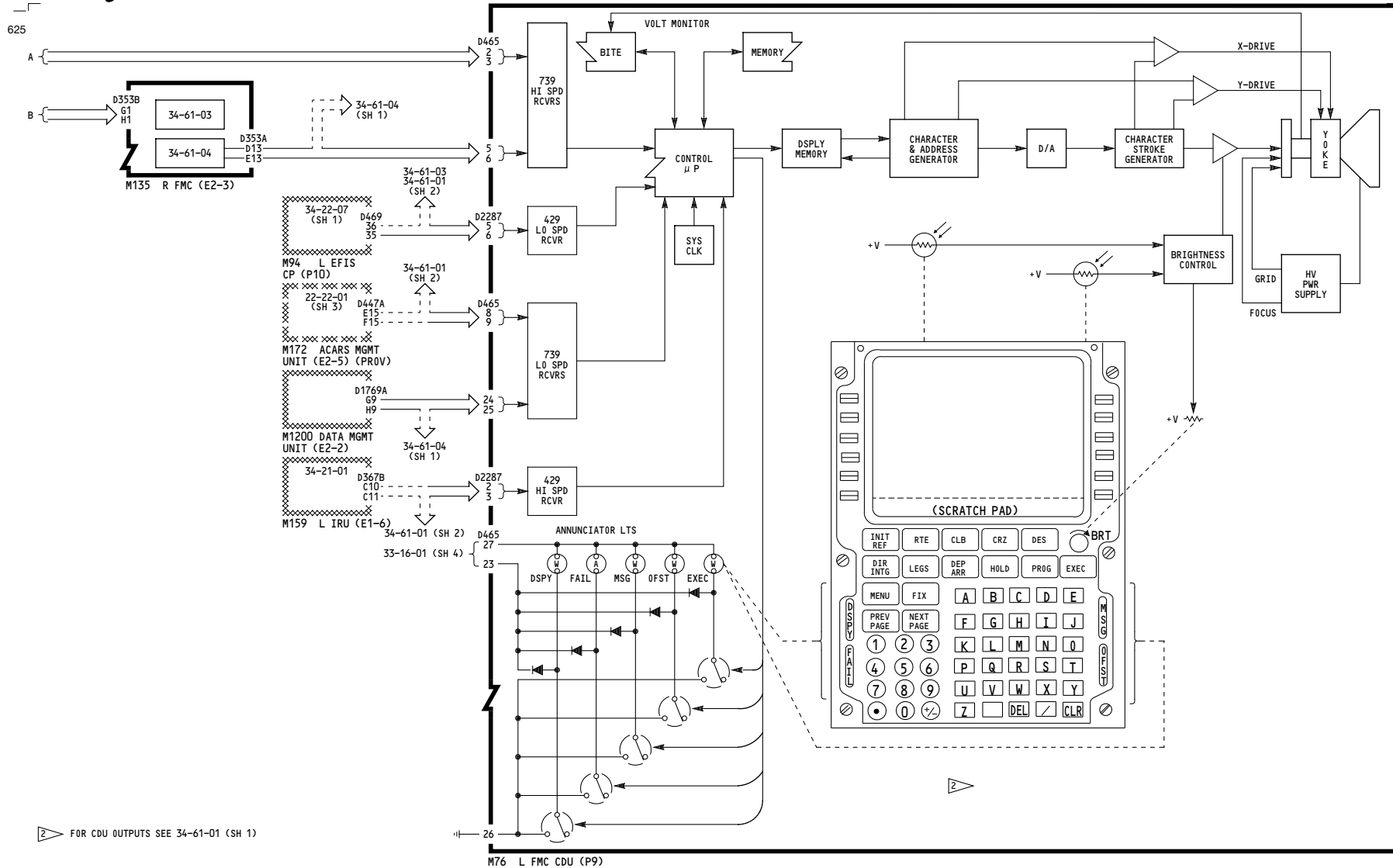
716

WIRING DIAGRAMS
34-61-11
34-61-15
34-61-16



151-152	FLIGHT MANAGEMENT COMPUTER OUTPUTS-LEFT	Incorporates 31-0031
D280T232		

34-61-02



FOR CDU OUTPUTS SEE 34-61-01 (SH 1)

151-152

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
LEFT**

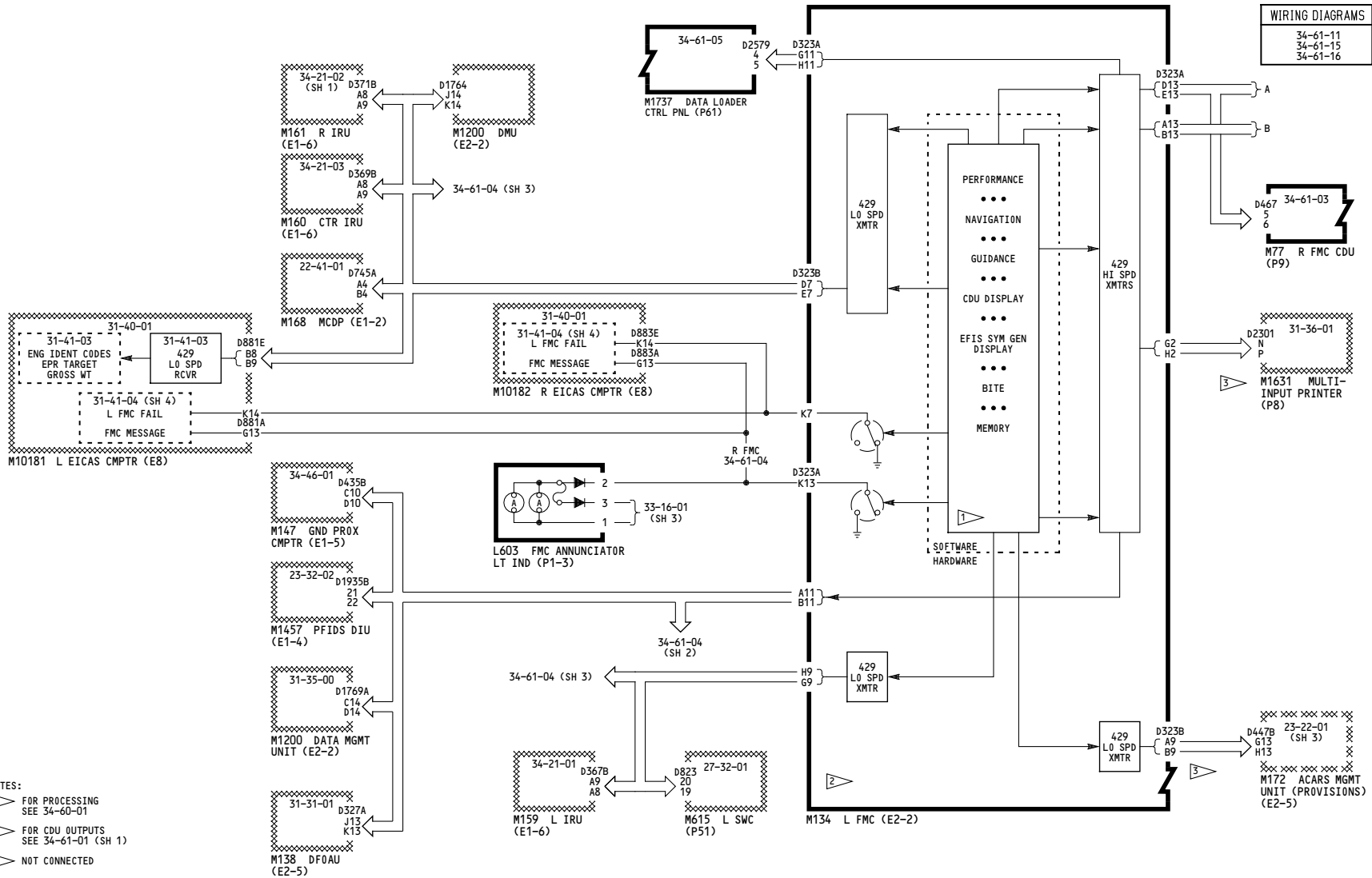
D280T232

34-61-02

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640

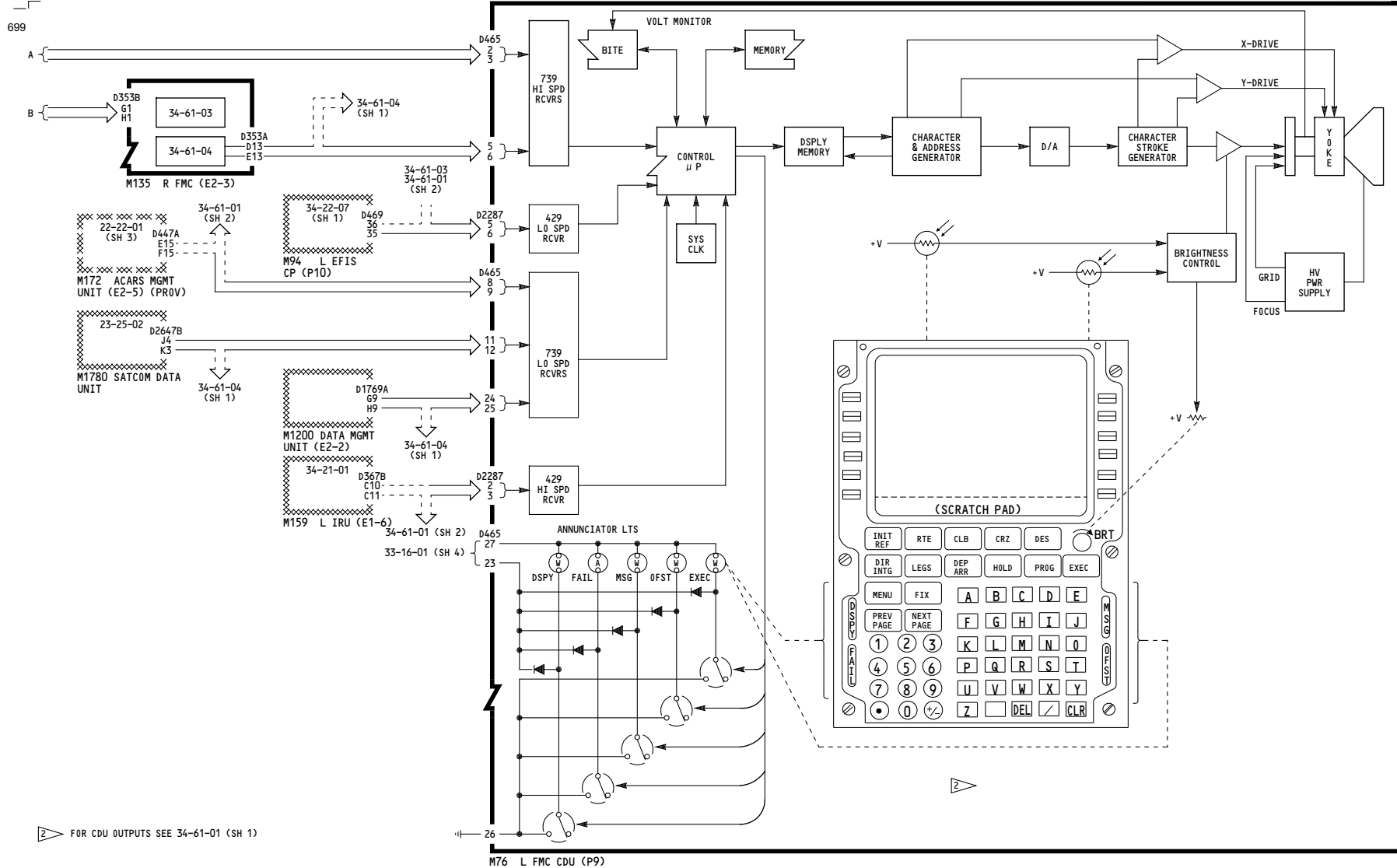
WIRING DIAGRAMS
 34-61-11
 34-61-15
 34-61-16



- NOTES:**
- 1 FOR PROCESSING
SEE 34-60-01
 - 2 FOR CDU OUTPUTS
SEE 34-61-01 (SH 1)
 - 3 NOT CONNECTED

155	<p>FLIGHT MANAGEMENT COMPUTER OUTPUTS- LEFT</p> <p>D280T232</p>
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34-61-02



FOR CDU OUTPUTS SEE 34-61-01 (SH 1)

155

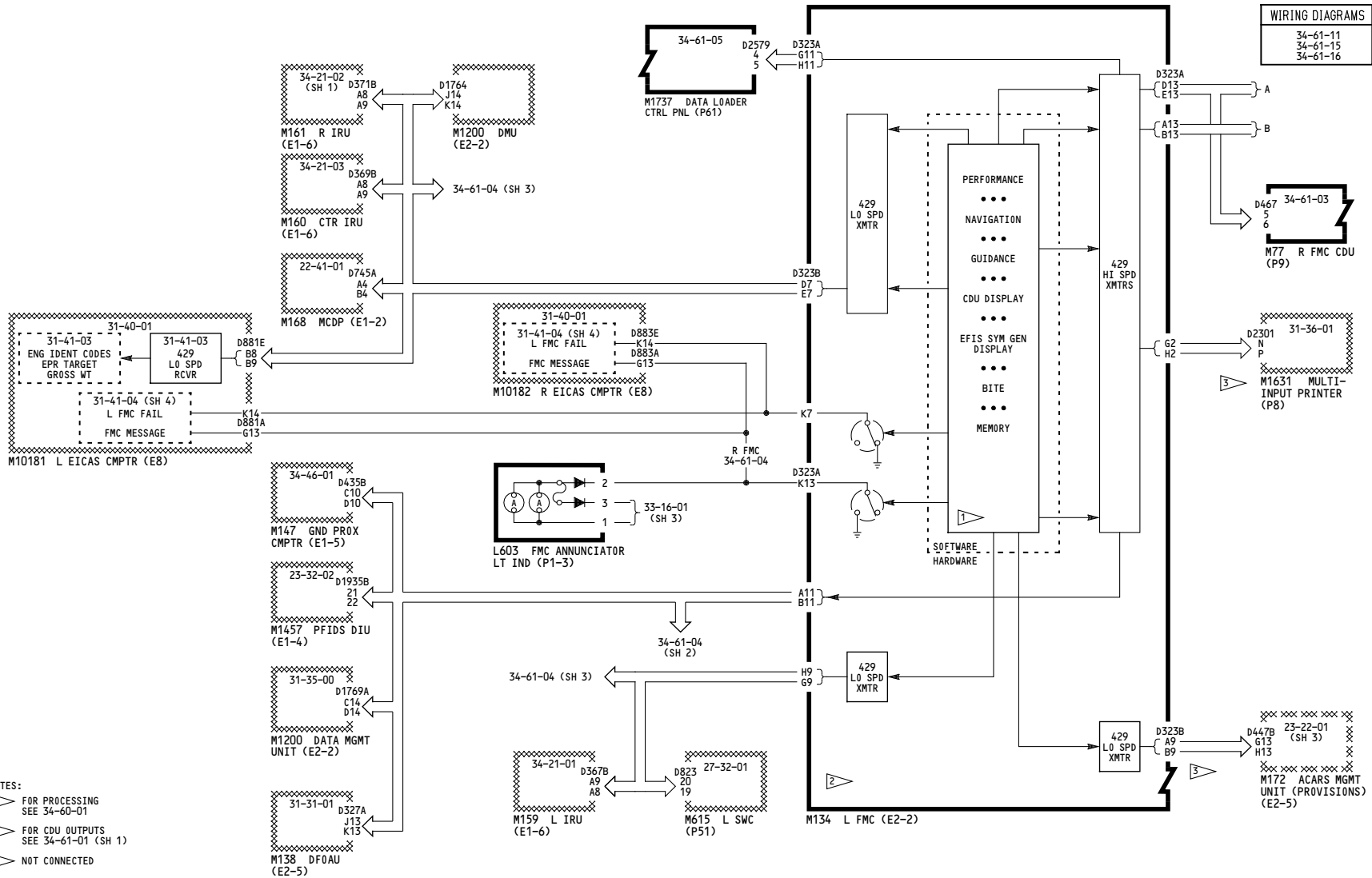
**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
LEFT**

Incorporates
MTO 230593

D280T232

34-61-02

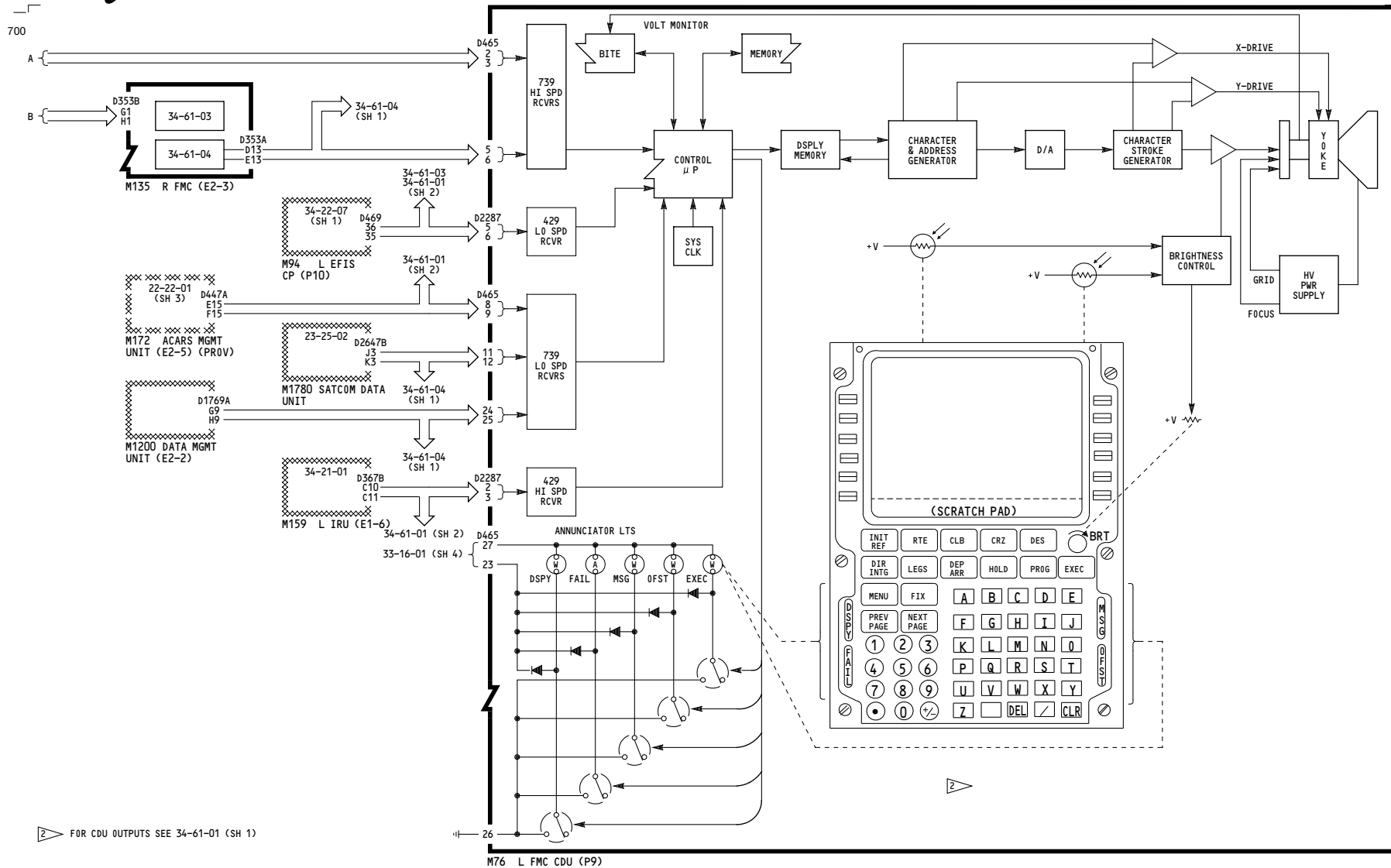
WIRING DIAGRAMS
34-61-11
34-61-15
34-61-16



- NOTES:
- 1 FOR PROCESSING SEE 34-60-01
 - 2 FOR CDU OUTPUTS SEE 34-61-01 (SH 1)
 - 3 NOT CONNECTED

156, 166	FLIGHT MANAGEMENT COMPUTER OUTPUTS- LEFT
D280T232	

34-61-02



FOR CDU OUTPUTS SEE 34-61-01 (SH 1)

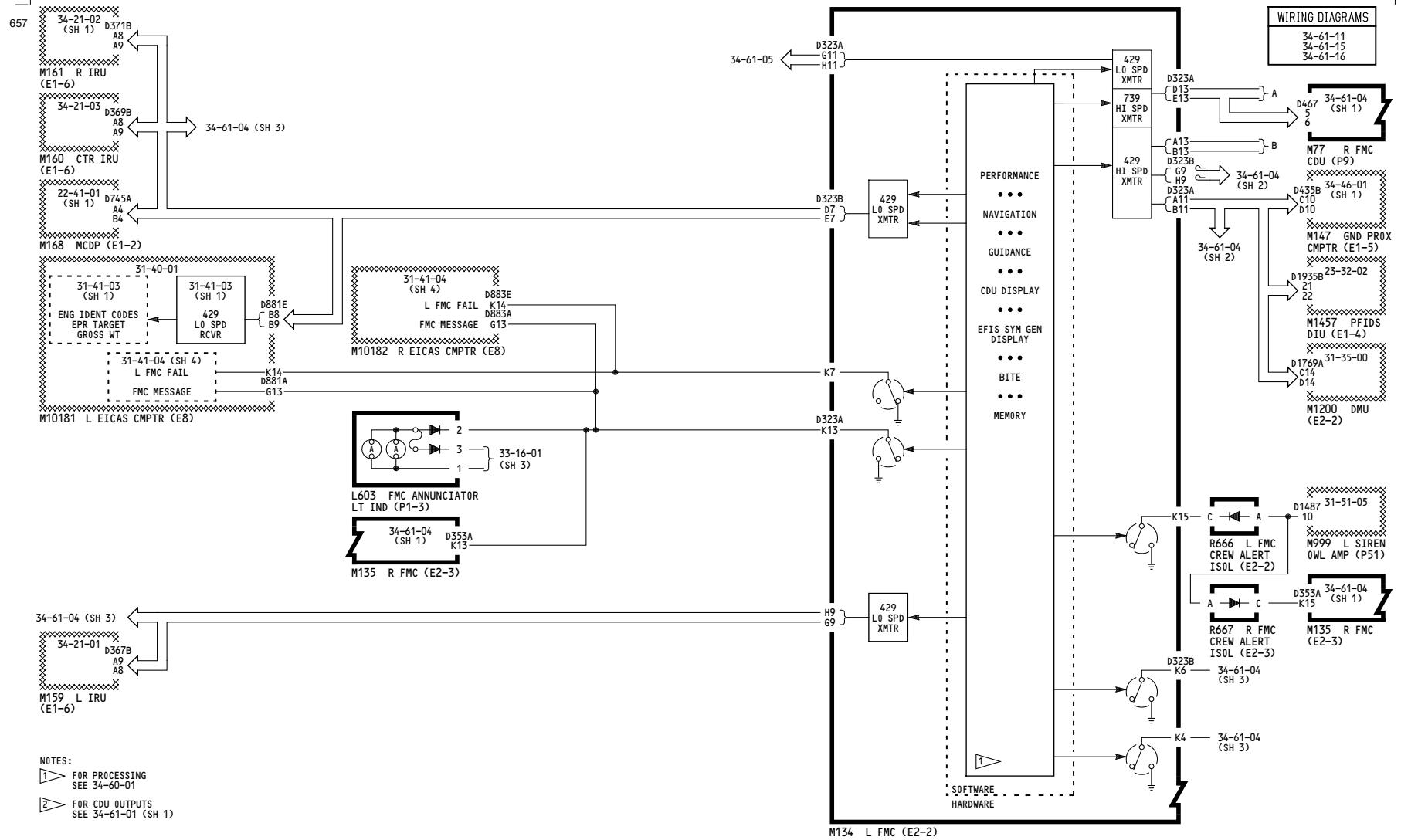
156, 166

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
LEFT**

D280T232

Incorporates
MTO 230591

34-61-02



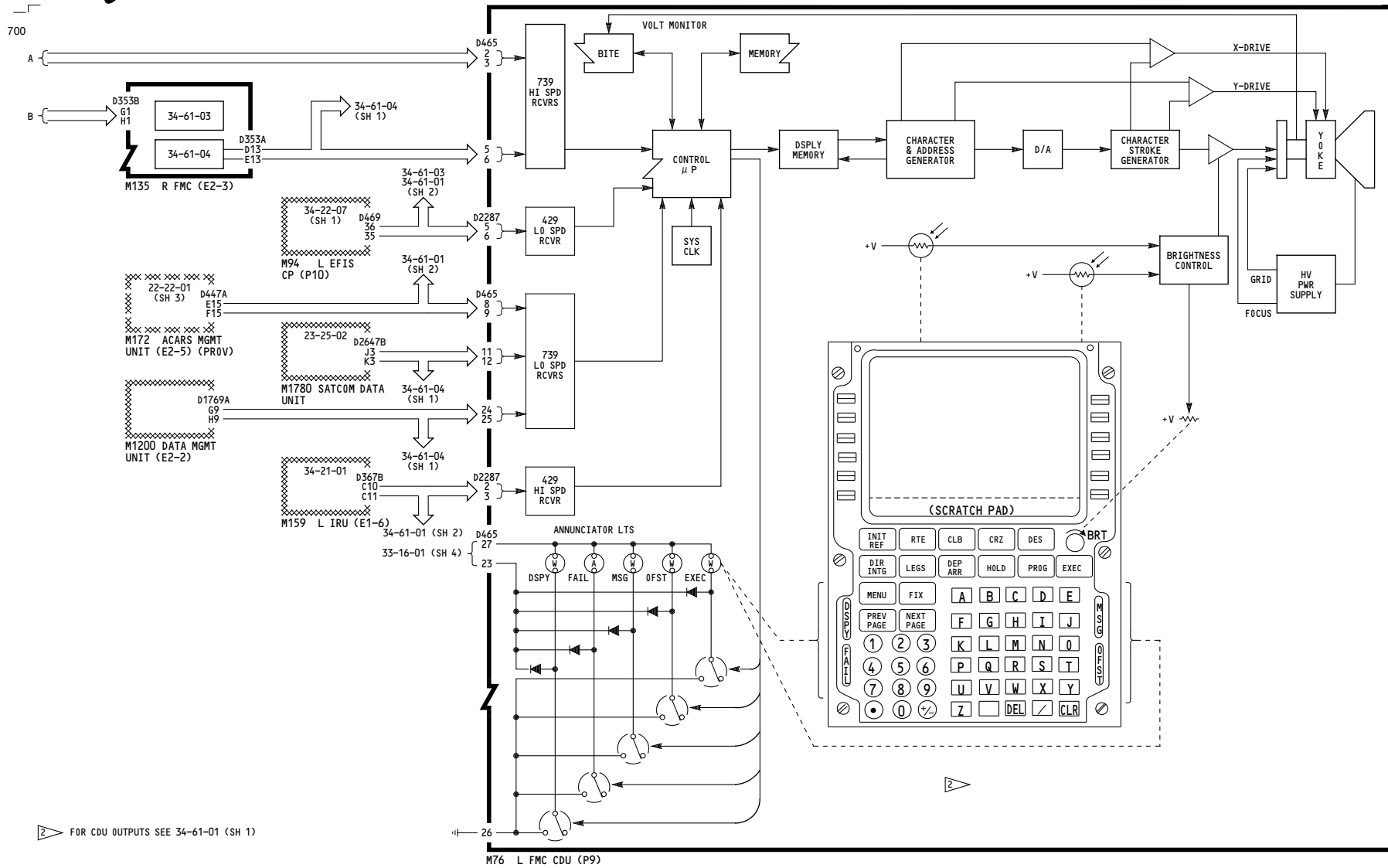
157

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
LEFT**

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34-61-02

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FOR CDU OUTPUTS SEE 34-61-01 (SH 1)

157

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
LEFT**

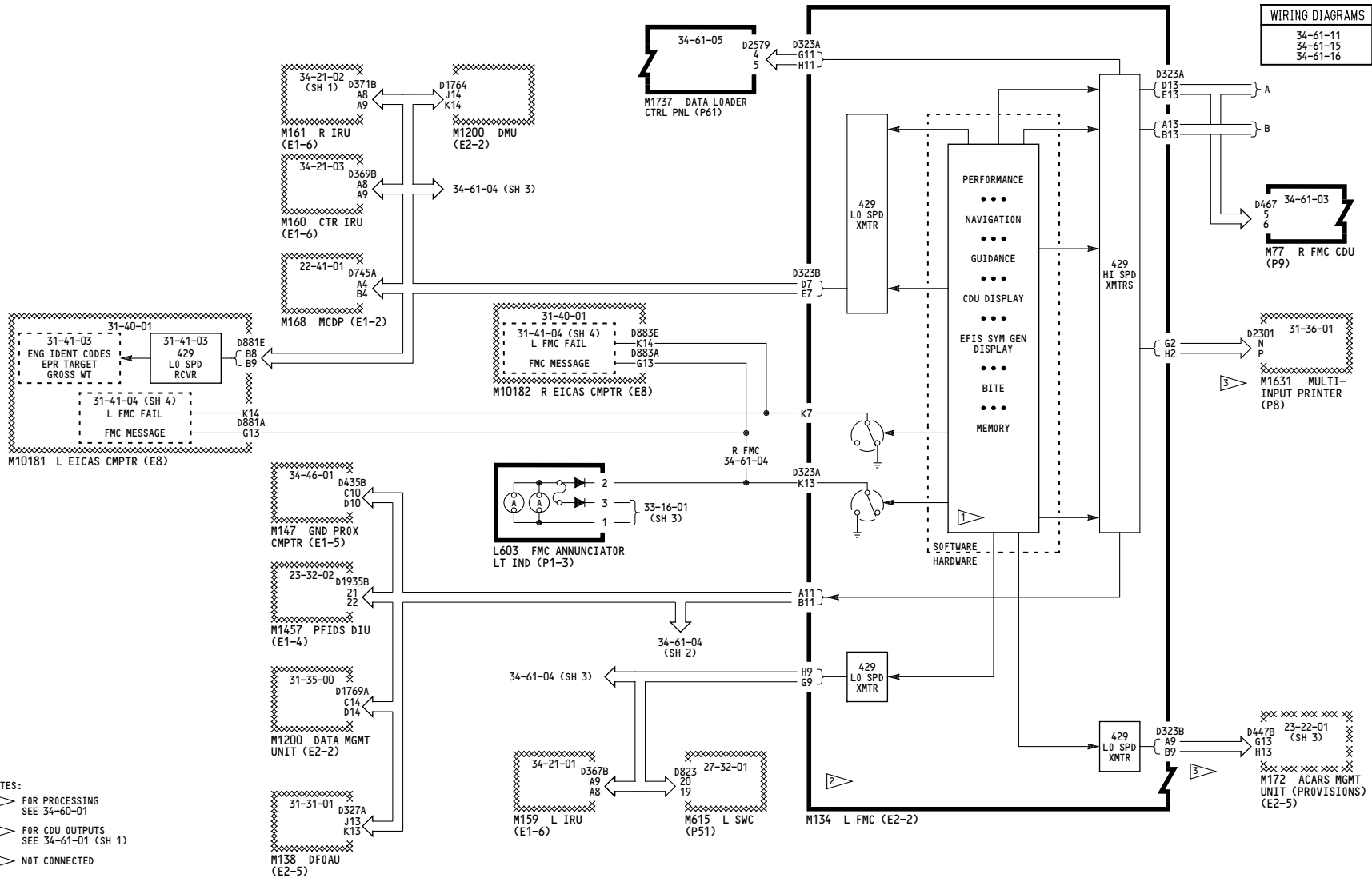
Incorporates
MTO 230591

D280T232

34-61-02

640

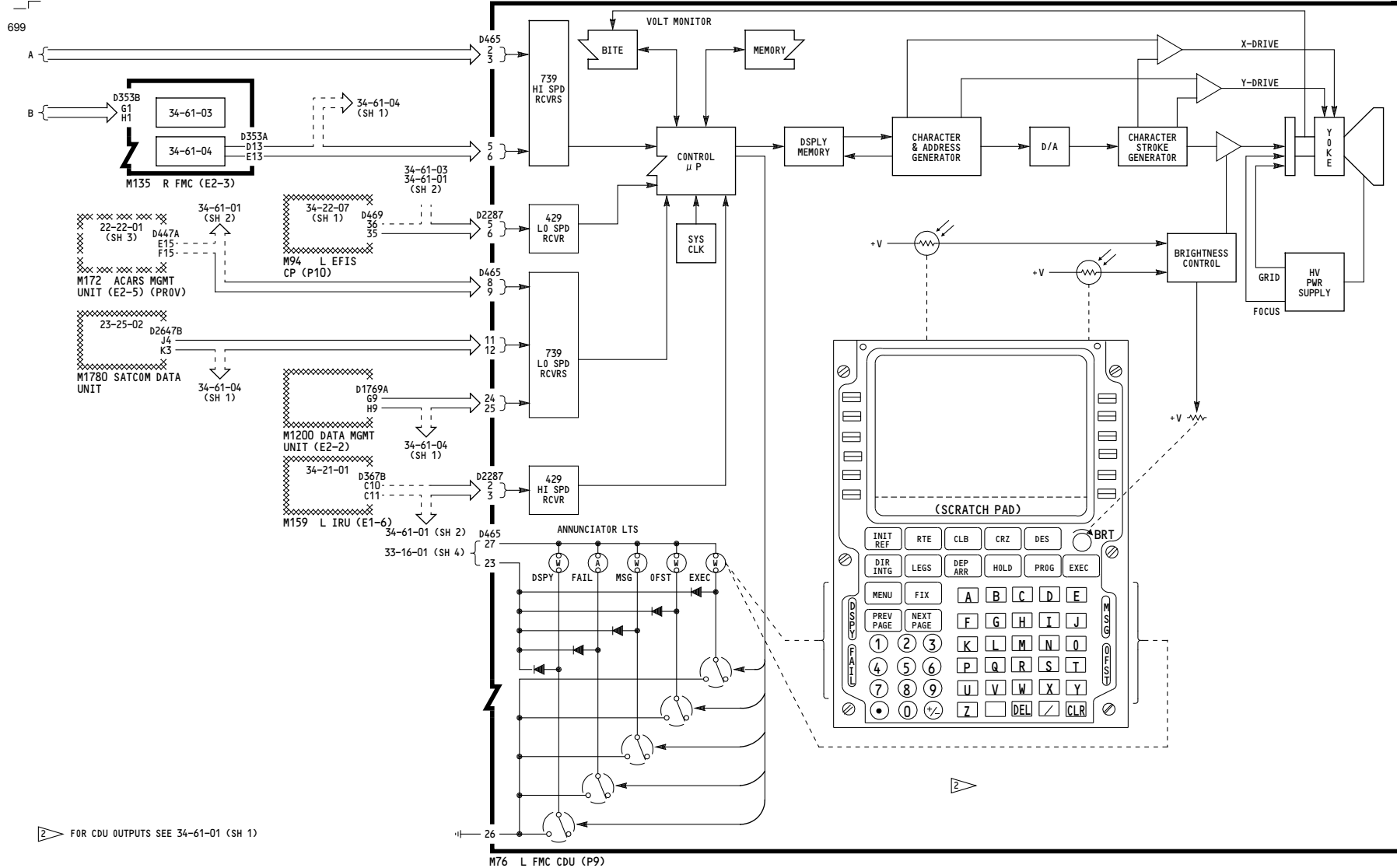
WIRING DIAGRAMS
34-61-11
34-61-15
34-61-16



- NOTES:
- 1 FOR PROCESSING SEE 34-60-01
 - 2 FOR CDU OUTPUTS SEE 34-61-01 (SH 1)
 - 3 NOT CONNECTED

162-165	FLIGHT MANAGEMENT COMPUTER OUTPUTS- LEFT
D280T232	

34-61-02



FOR CDU OUTPUTS SEE 34-61-01 (SH 1)

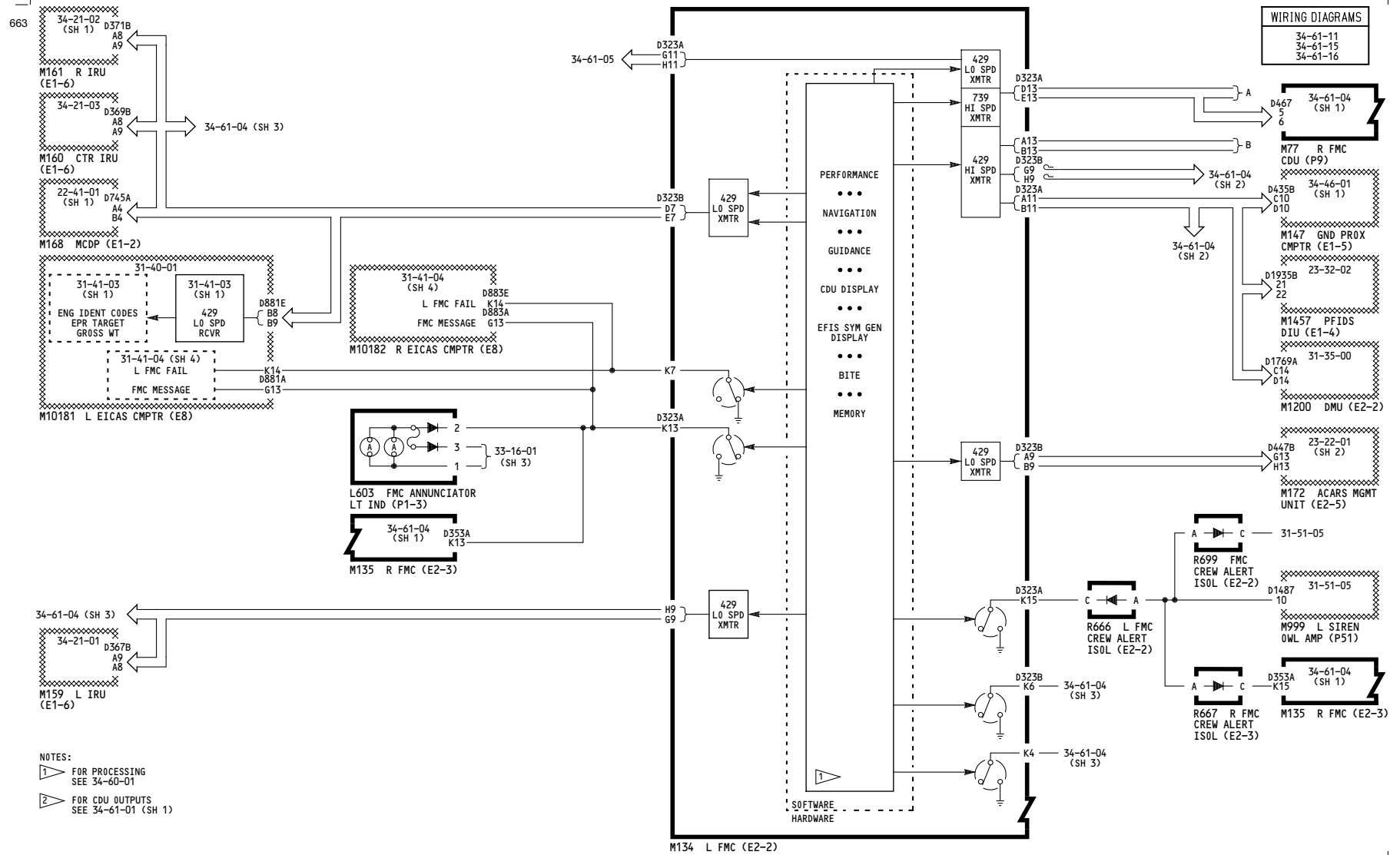
162-165

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
LEFT**

Incorporates
MTO 230592

D280T232

34-61-02



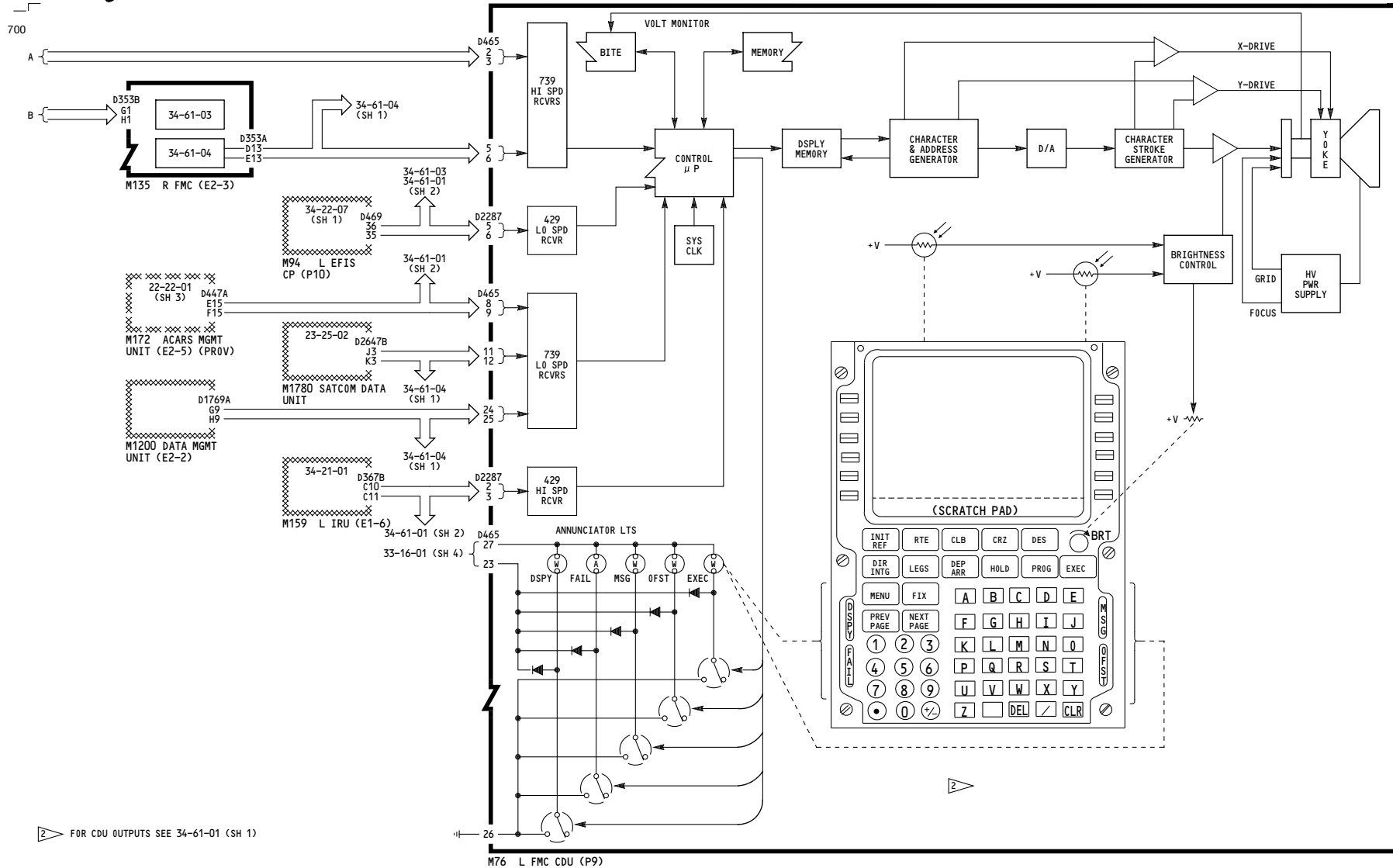
167

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
LEFT**

D280T232

34-61-02

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FOR CDU OUTPUTS SEE 34-61-01 (SH 1)

167

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
LEFT**

Incorporates
MTO 230591

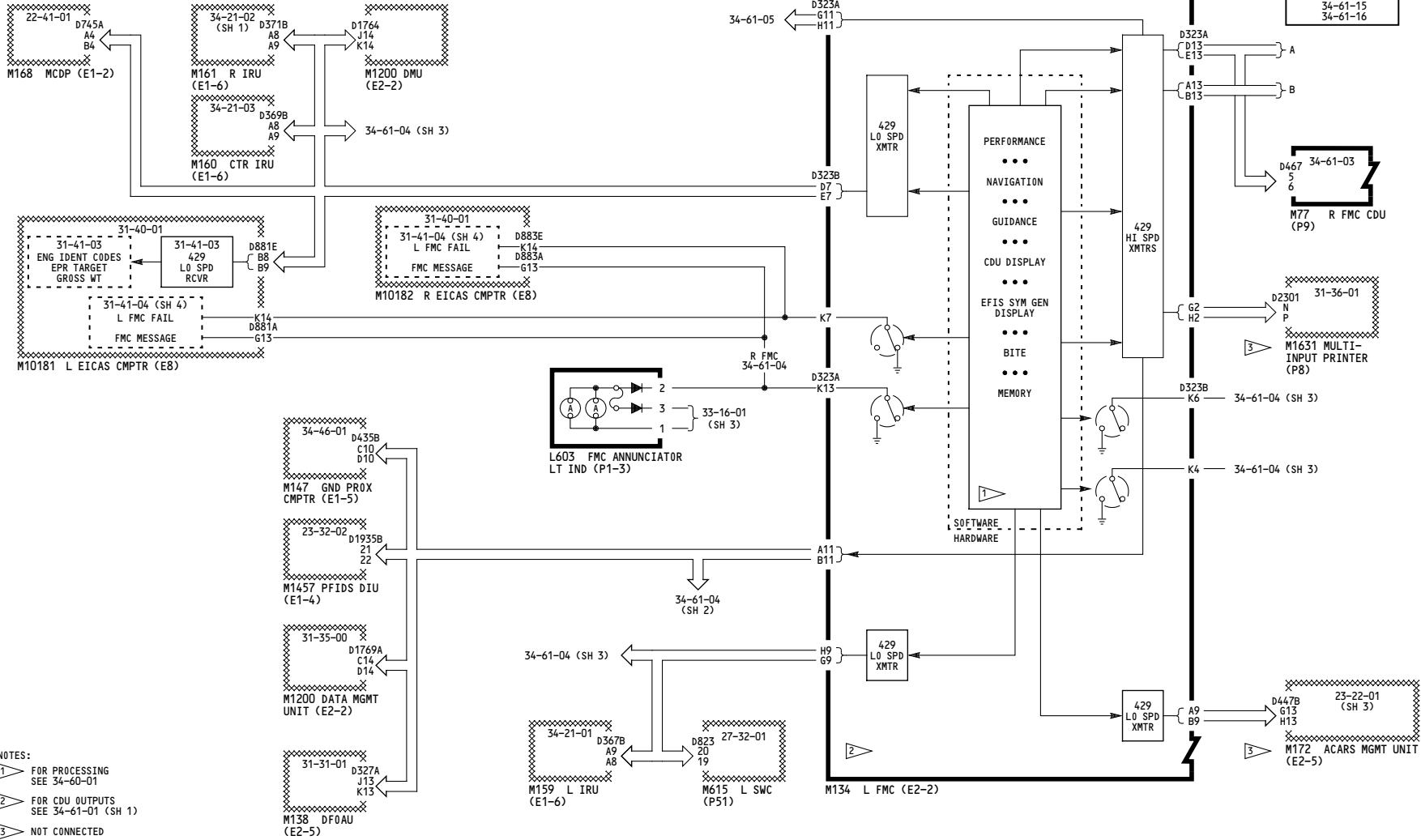
D280T232

34-61-02

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726

WIRING DIAGRAMS
34-61-11
34-61-15
34-61-16



- NOTES:
- 1 FOR PROCESSING SEE 34-60-01
 - 2 FOR CDU OUTPUTS SEE 34-61-01 (SH 1)
 - 3 NOT CONNECTED

275-276

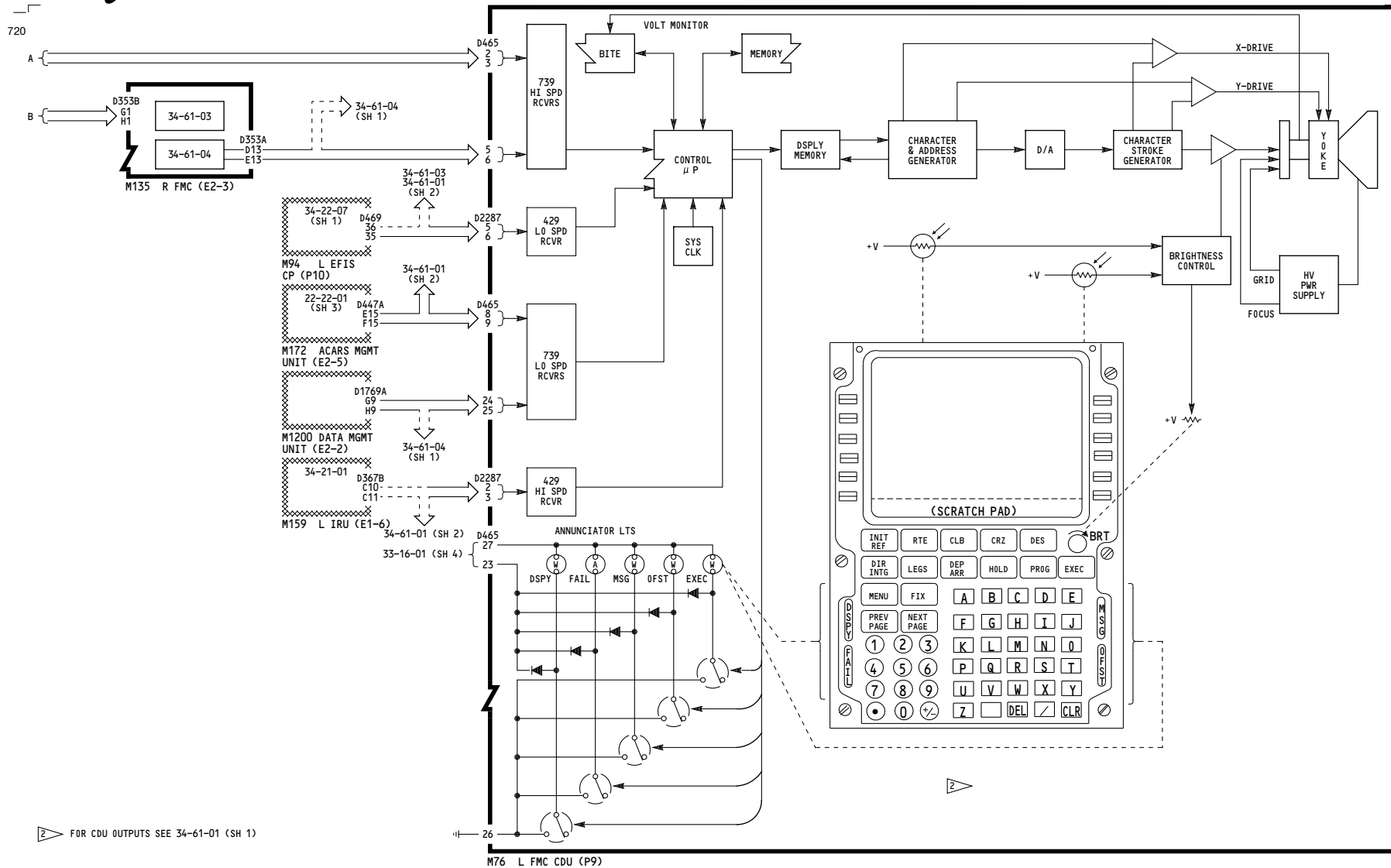
**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
LEFT**

- Incorporates
- 34-0167
 - 34-0241
 - MTO-230589

D280T232

34-61-02

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FOR CDU OUTPUTS SEE 34-61-01 (SH 1)

275-276

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
LEFT**

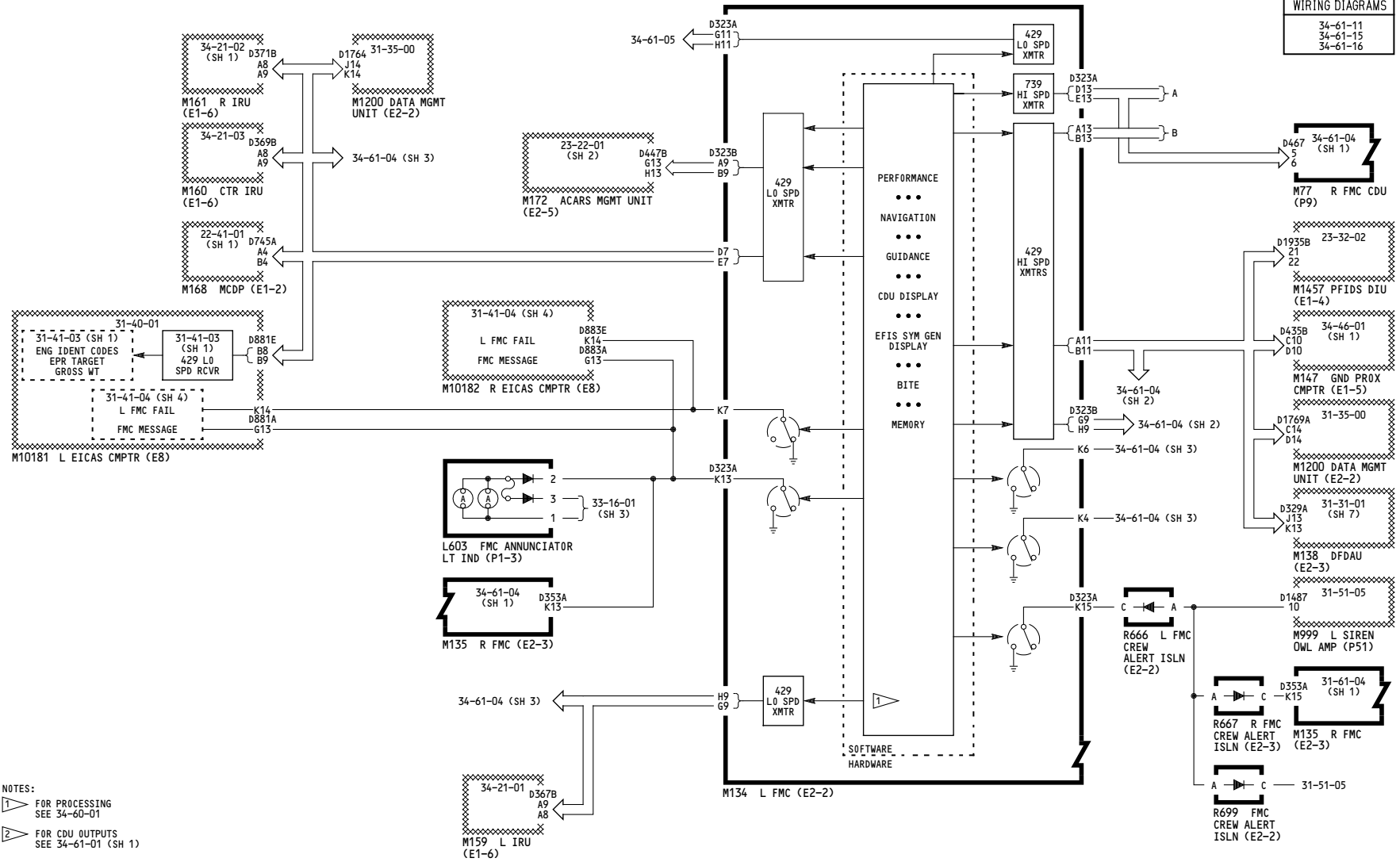
D280T232

Incorporates
MTO-230589

34-61-02

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Sheet 2
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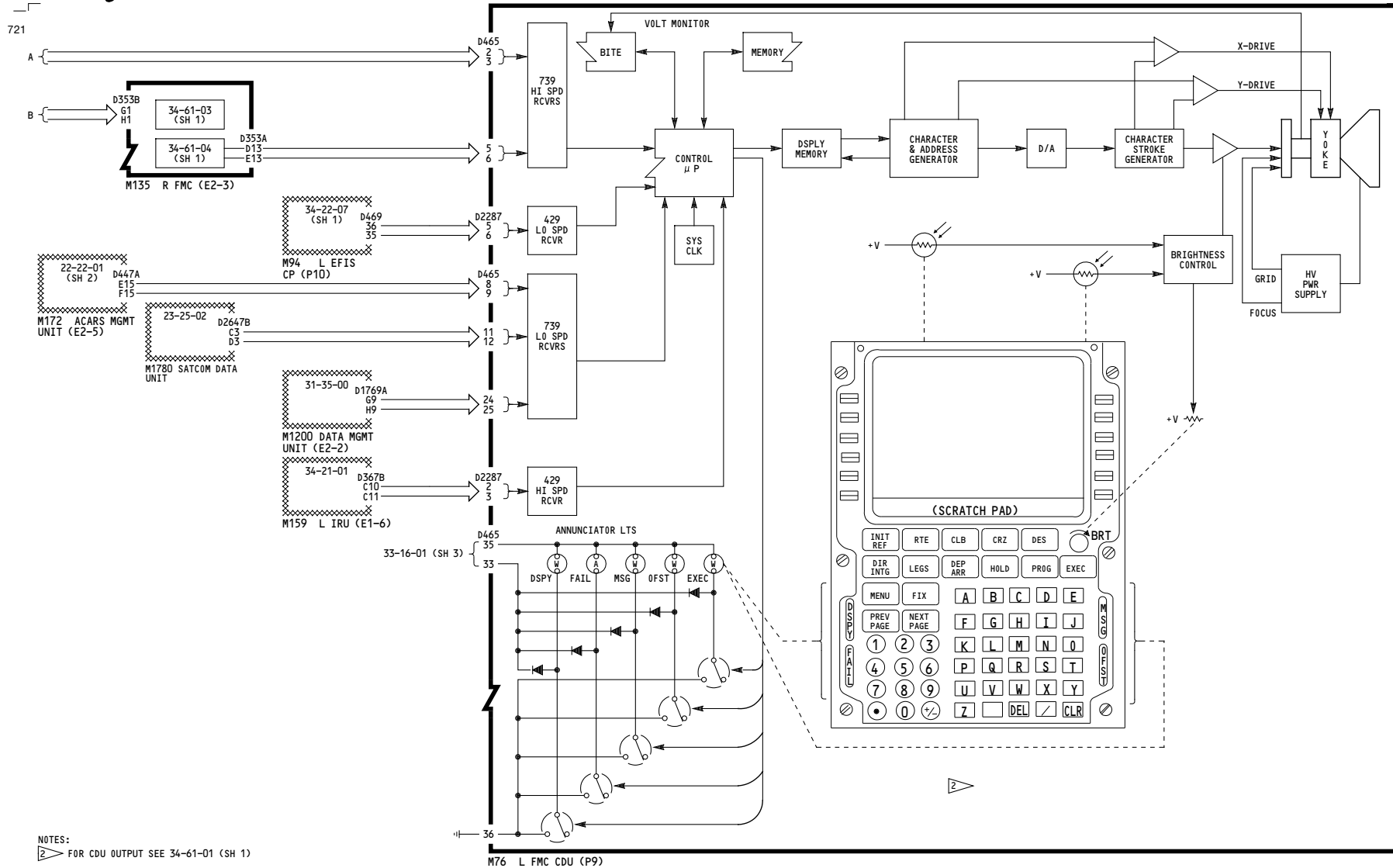
WIRING DIAGRAMS	
34-61-11	
34-61-15	
34-61-16	



- NOTES:
- 1 FOR PROCESSING SEE 34-60-01
 - 2 FOR CDU OUTPUTS SEE 34-61-01 (SH 1)

277-278	FLIGHT MANAGEMENT COMPUTER OUTPUTS- LEFT	Incorporates ▶▶ 34-0131 ▶▶ 34-0241
D280T232		

34-61-02



NOTES:
 [Symbol] FOR CDU OUTPUT SEE 34-61-01 (SH 1)

277-278

**FLIGHT MANAGEMENT
 COMPUTER OUTPUTS-
 LEFT**

Incorporates
 MTO-230589

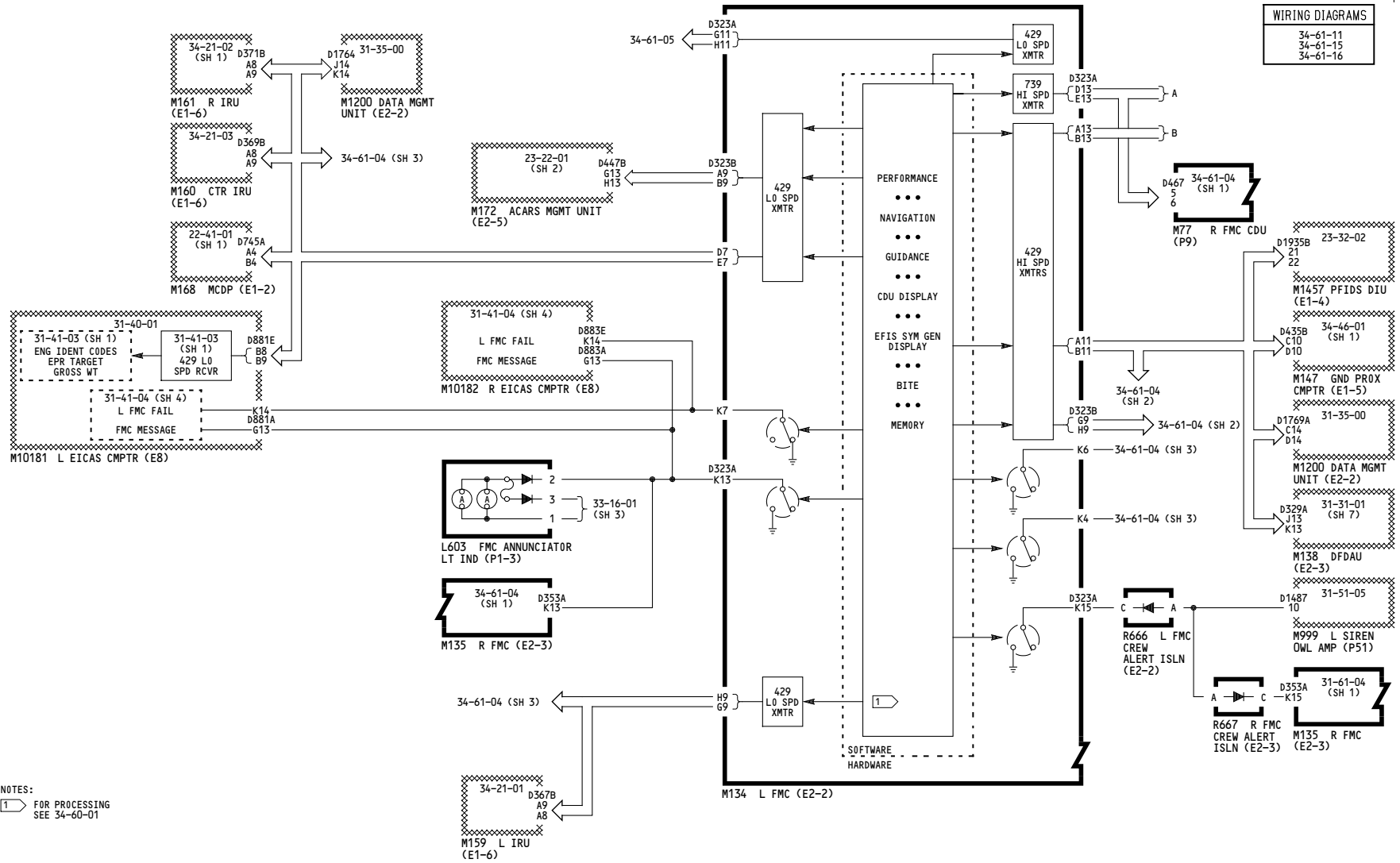
D280T232

34-61-02

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 Sheet 2
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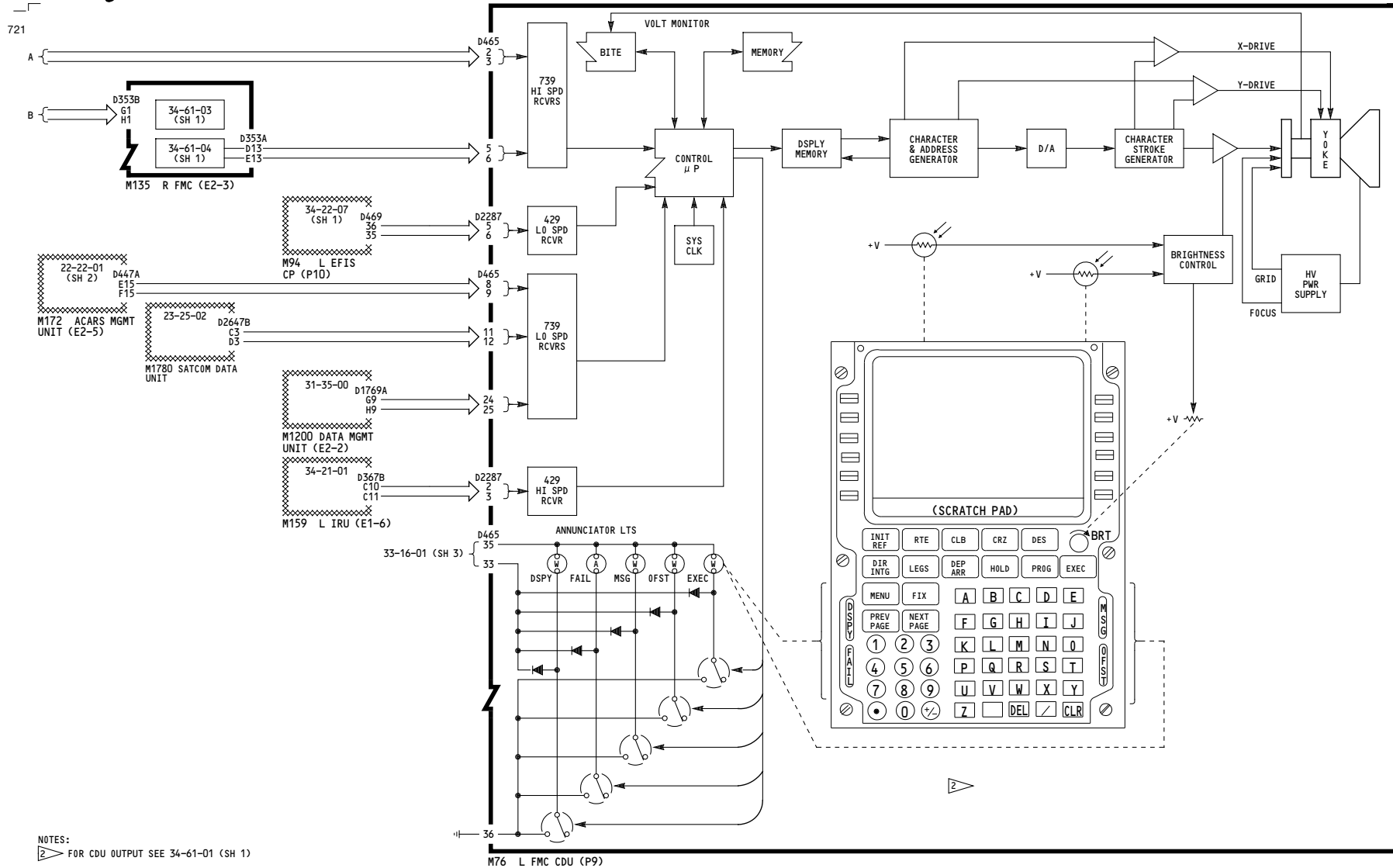
902

WIRING DIAGRAMS	
34-61-11	
34-61-15	
34-61-16	



NOTES:
 1 FOR PROCESSING
 SEE 34-60-01

280	FLIGHT MANAGEMENT COMPUTER OUTPUTS- LEFT	Incorporates 34-0131 34-0241	34-61-02 Page 111.1A Sheet 1 Mar 09/2006
D280T232			



NOTES:
 2 FOR CDU OUTPUT SEE 34-61-01 (SH 1)

280

**FLIGHT MANAGEMENT
 COMPUTER OUTPUTS-
 LEFT**

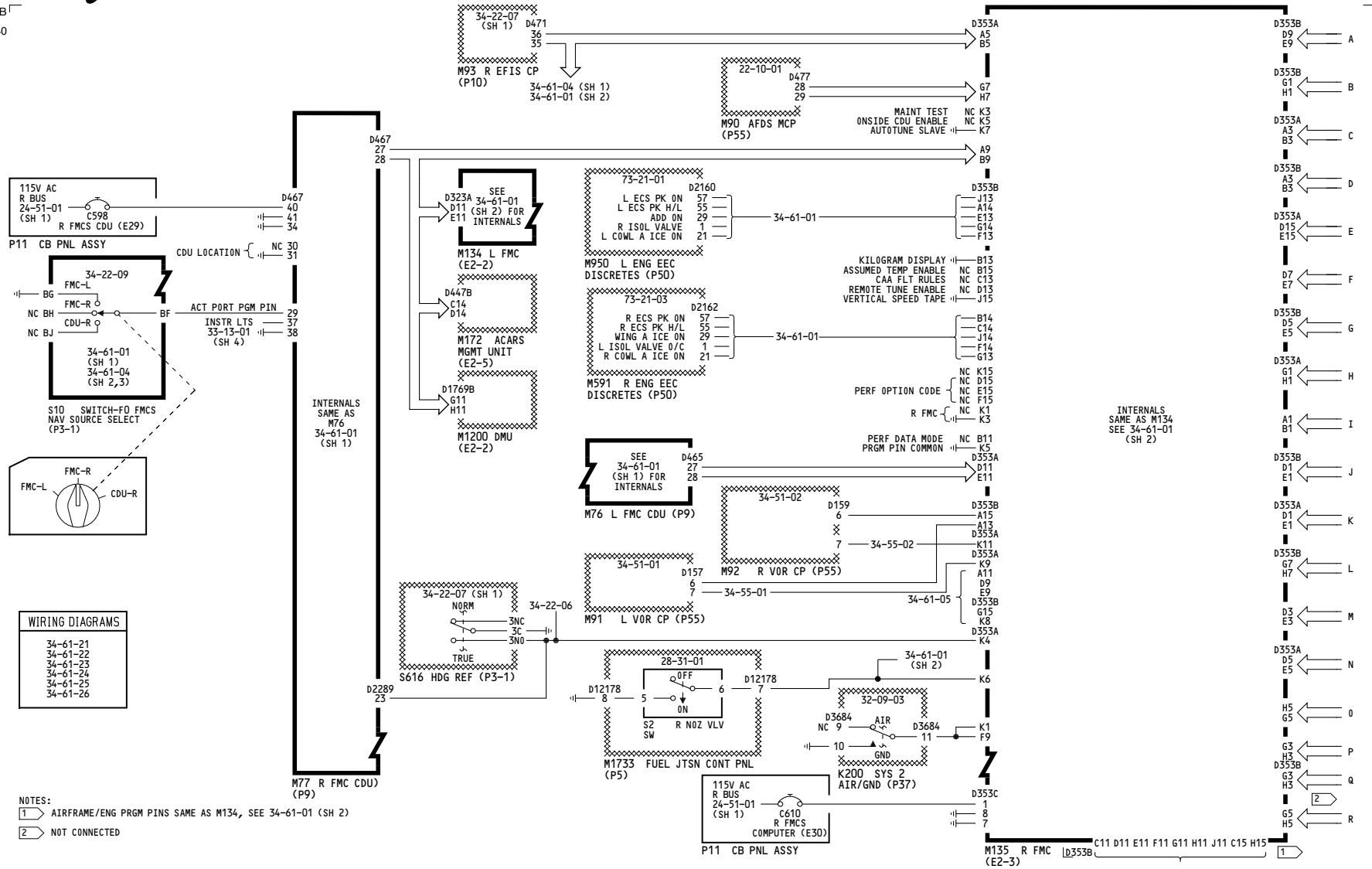
Incorporates
 MTO-230589

D280T232

34-61-02

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 Sheet 2
 Jan 21/2005

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740



050

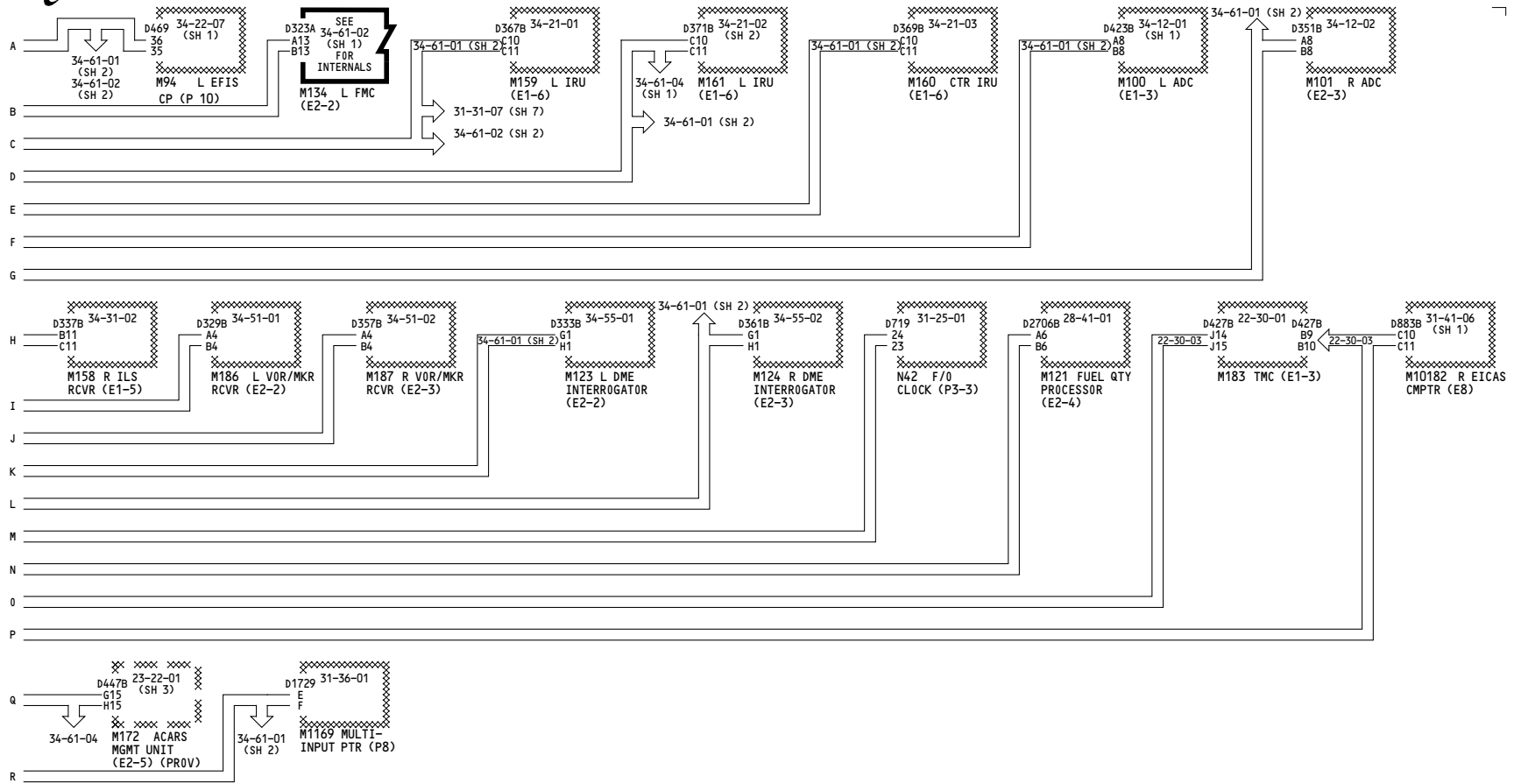
**FLIGHT MANAGEMENT
COMPUTER INPUTS-
RIGHT**

D280T232

34-61-03

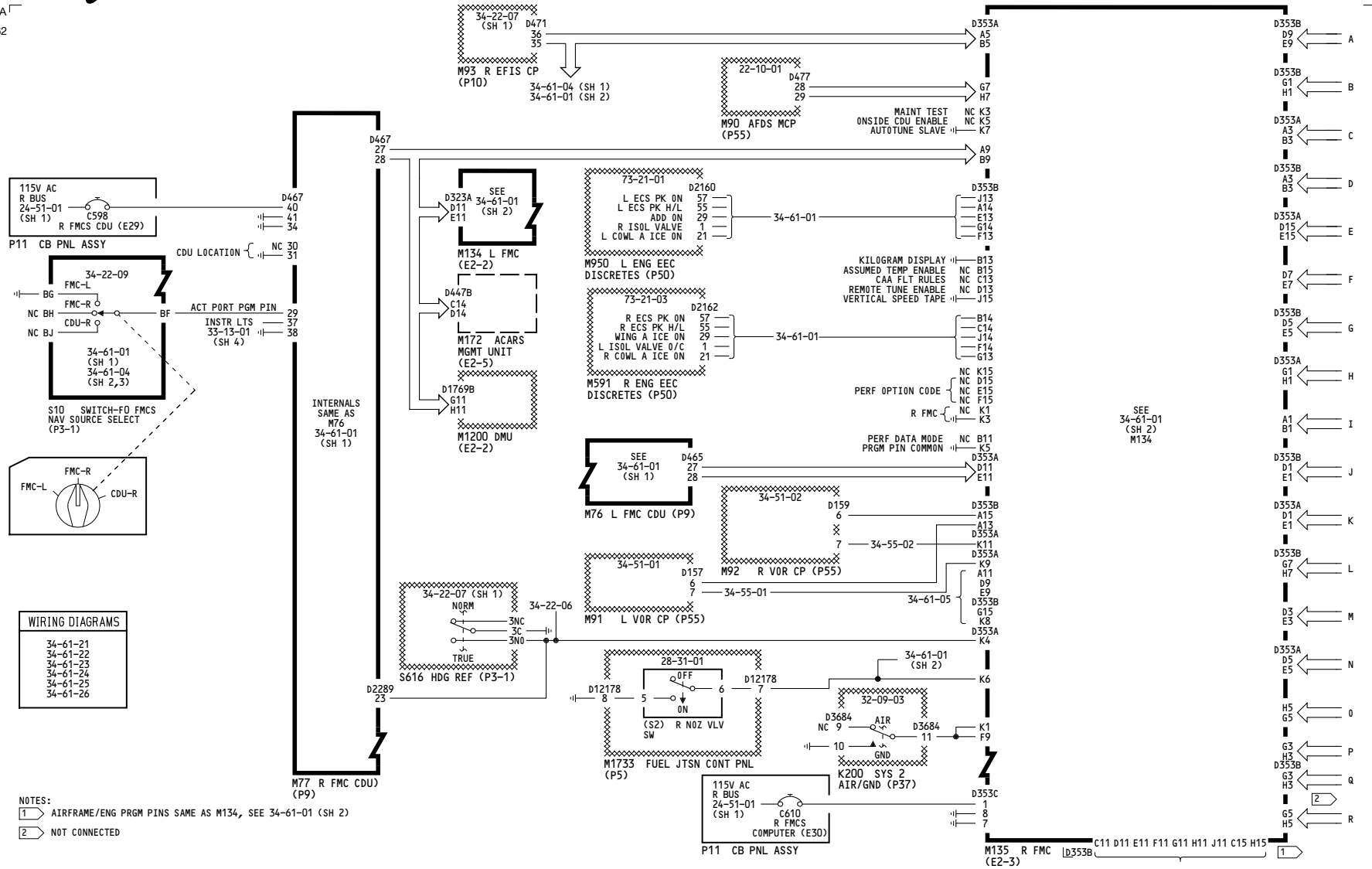


690



050	<p align="center">FLIGHT MANAGEMENT COMPUTER INPUTS- RIGHT</p> <p align="center">D280T232</p>
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-A
762



051

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
RIGHT**

D280T232

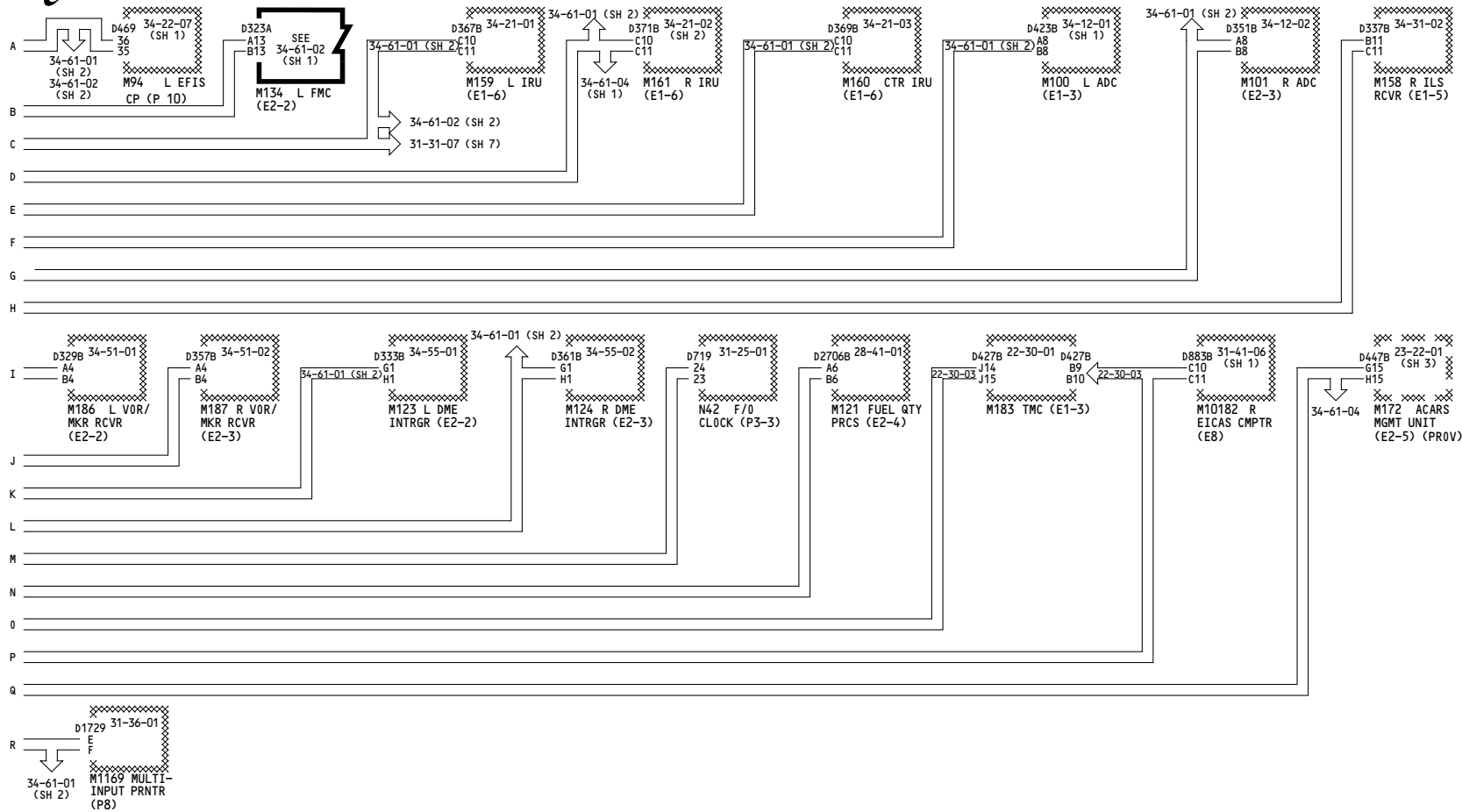
Incorporates
28-0030

34-61-03

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Sheet 1
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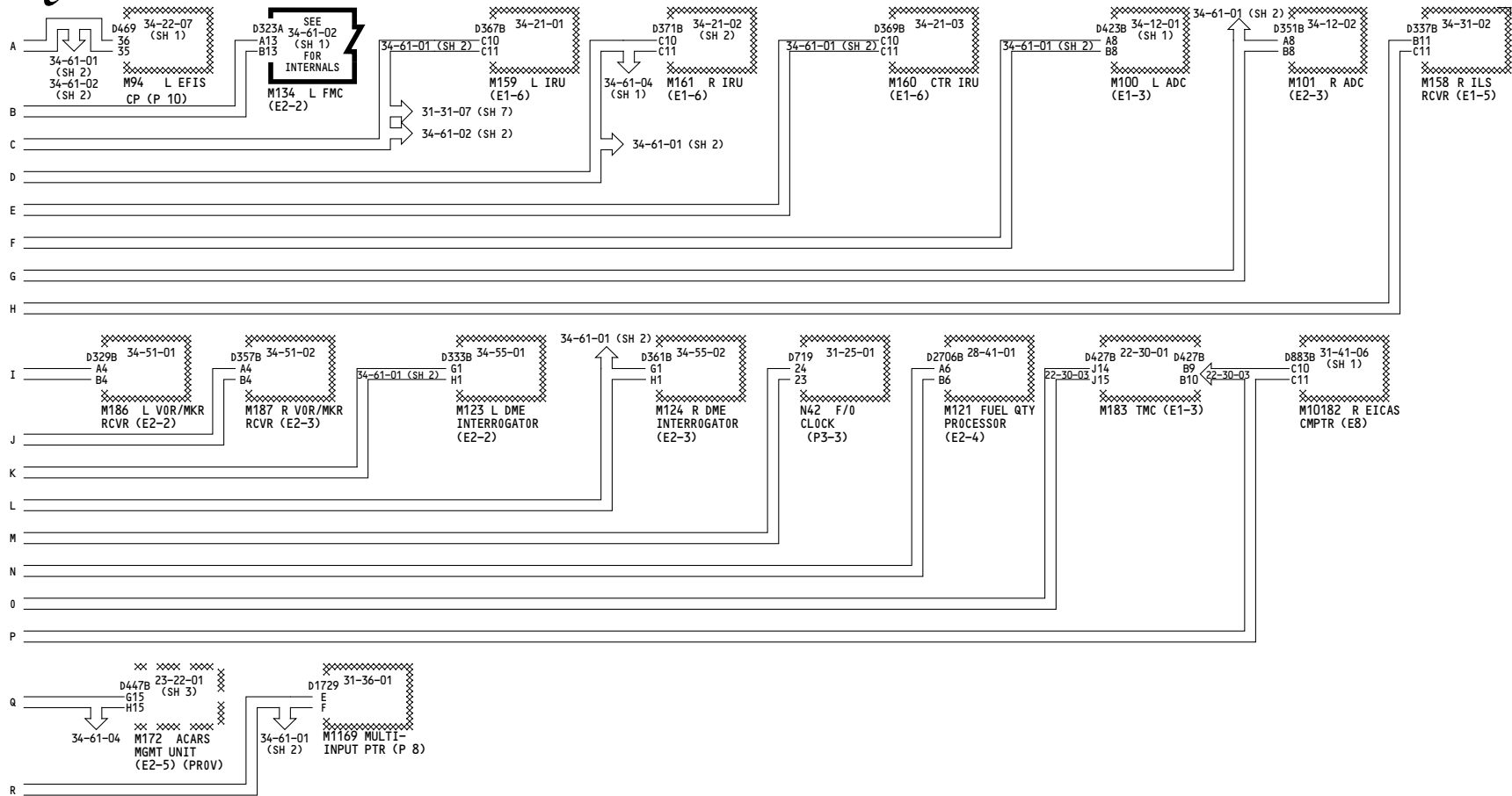


-A
703



051	<p align="center">FLIGHT MANAGEMENT COMPUTER INPUTS- RIGHT</p> <p align="center">D280T232</p>
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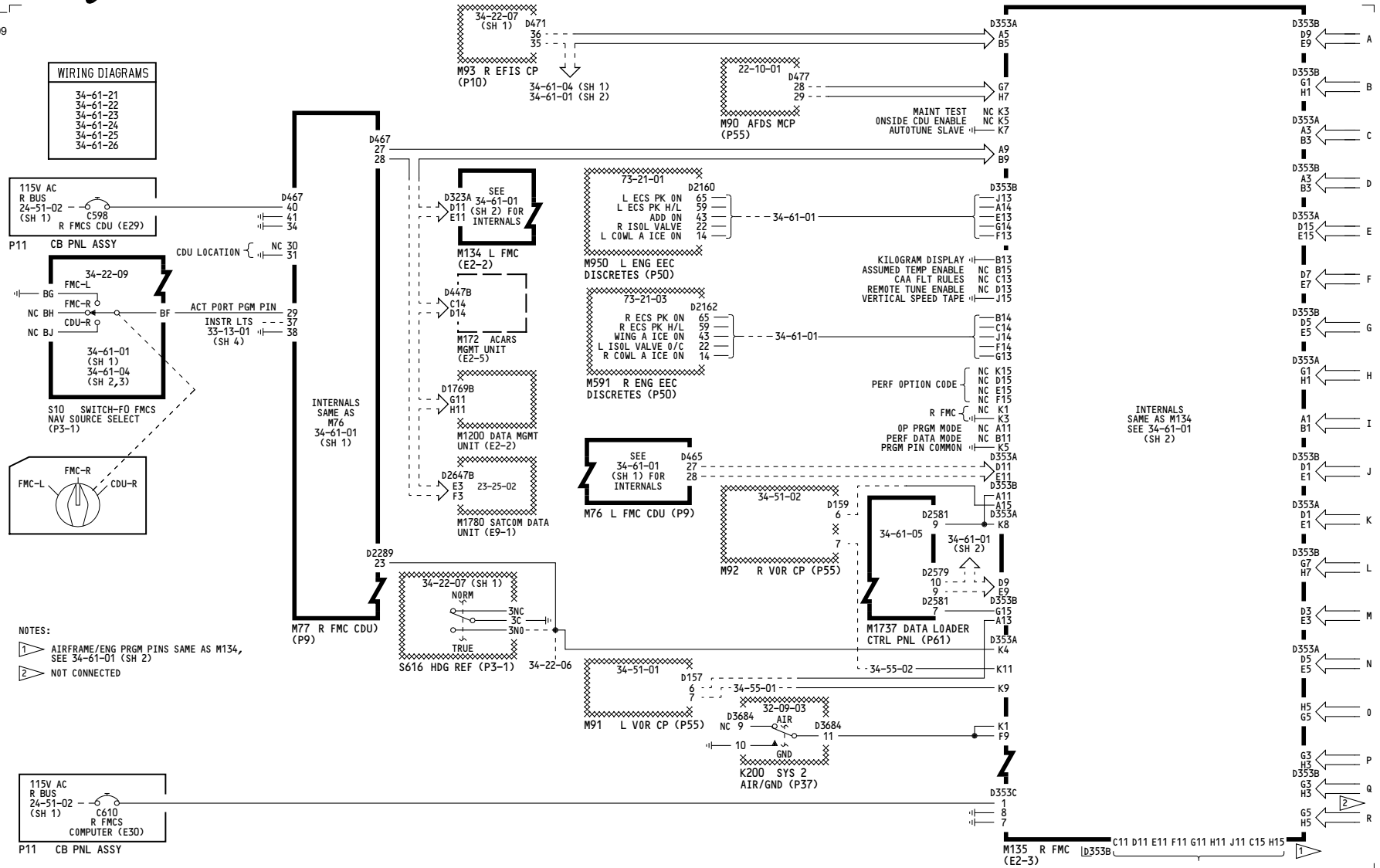
634



<p>150-154</p>	<p>FLIGHT MANAGEMENT COMPUTER INPUTS- RIGHT</p> <p>D280T232</p>
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34-61-03

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150, 154

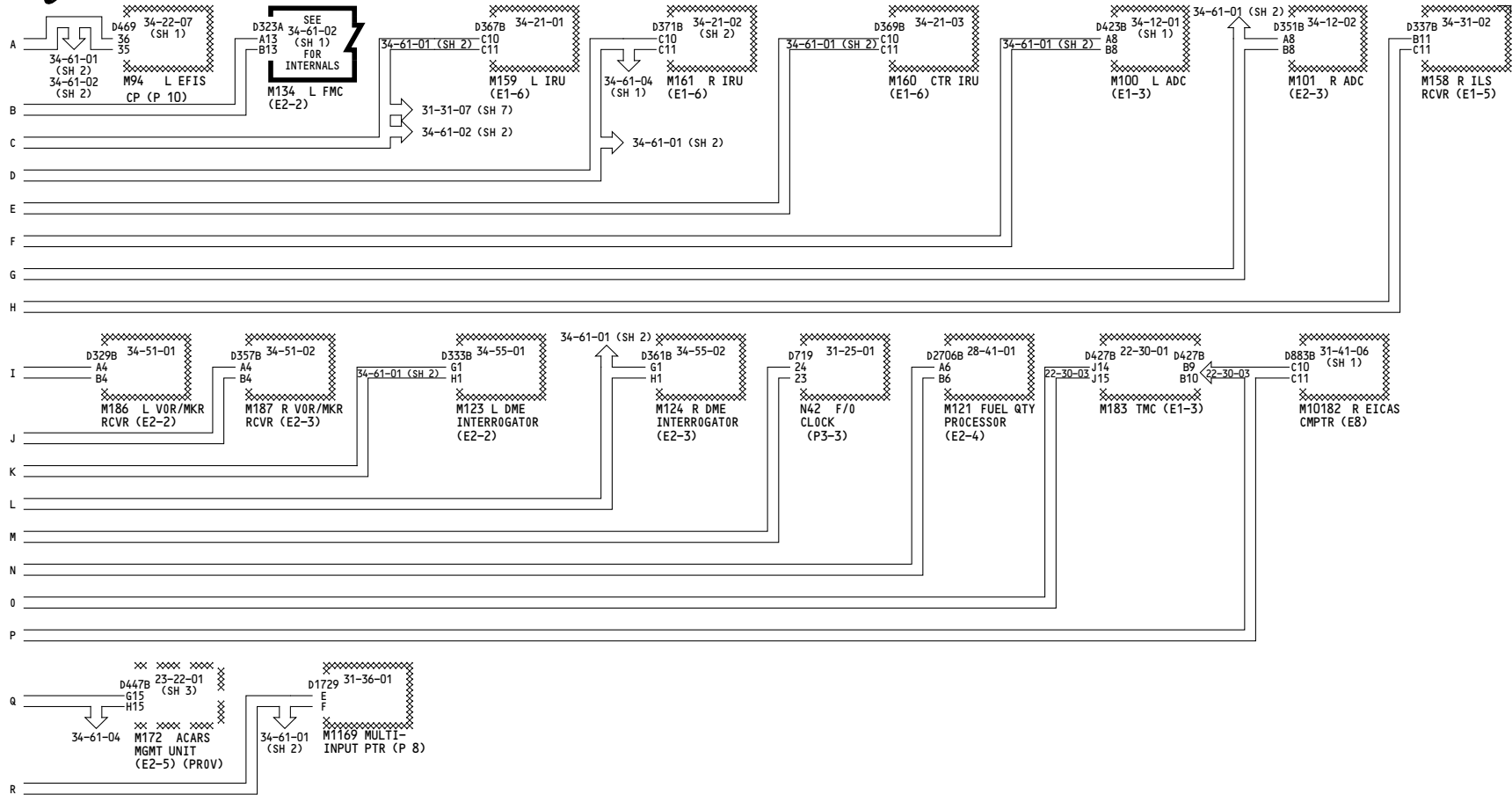
**FLIGHT MANAGEMENT
COMPUTER INPUTS-
RIGHT**

D280T232

Incorporates
 31-0031
 34-0243
 MTO 230593

34-61-03

634

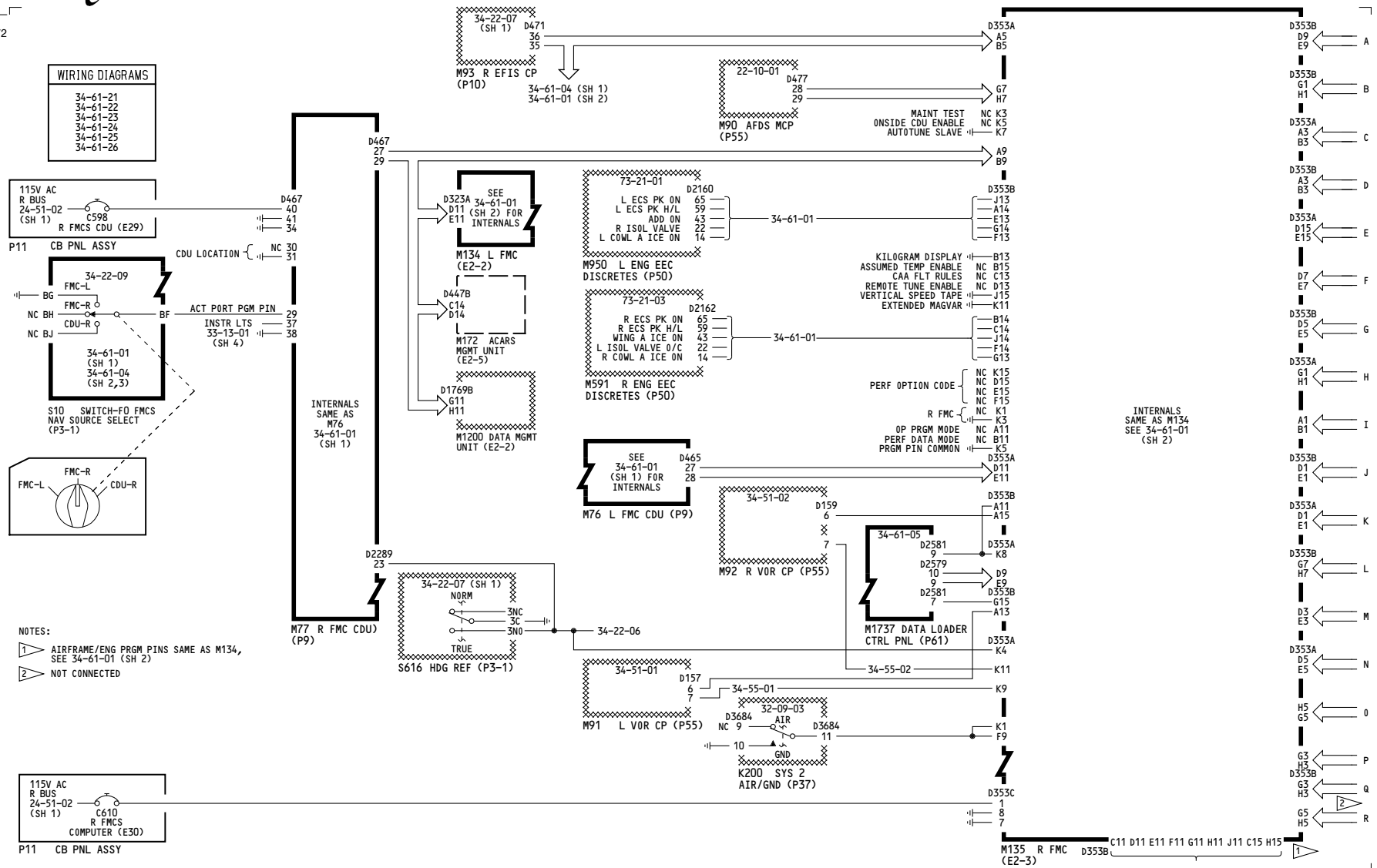


<p>150, 154</p>	<p>FLIGHT MANAGEMENT COMPUTER INPUTS- RIGHT</p> <p>D280T232</p>
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151-152

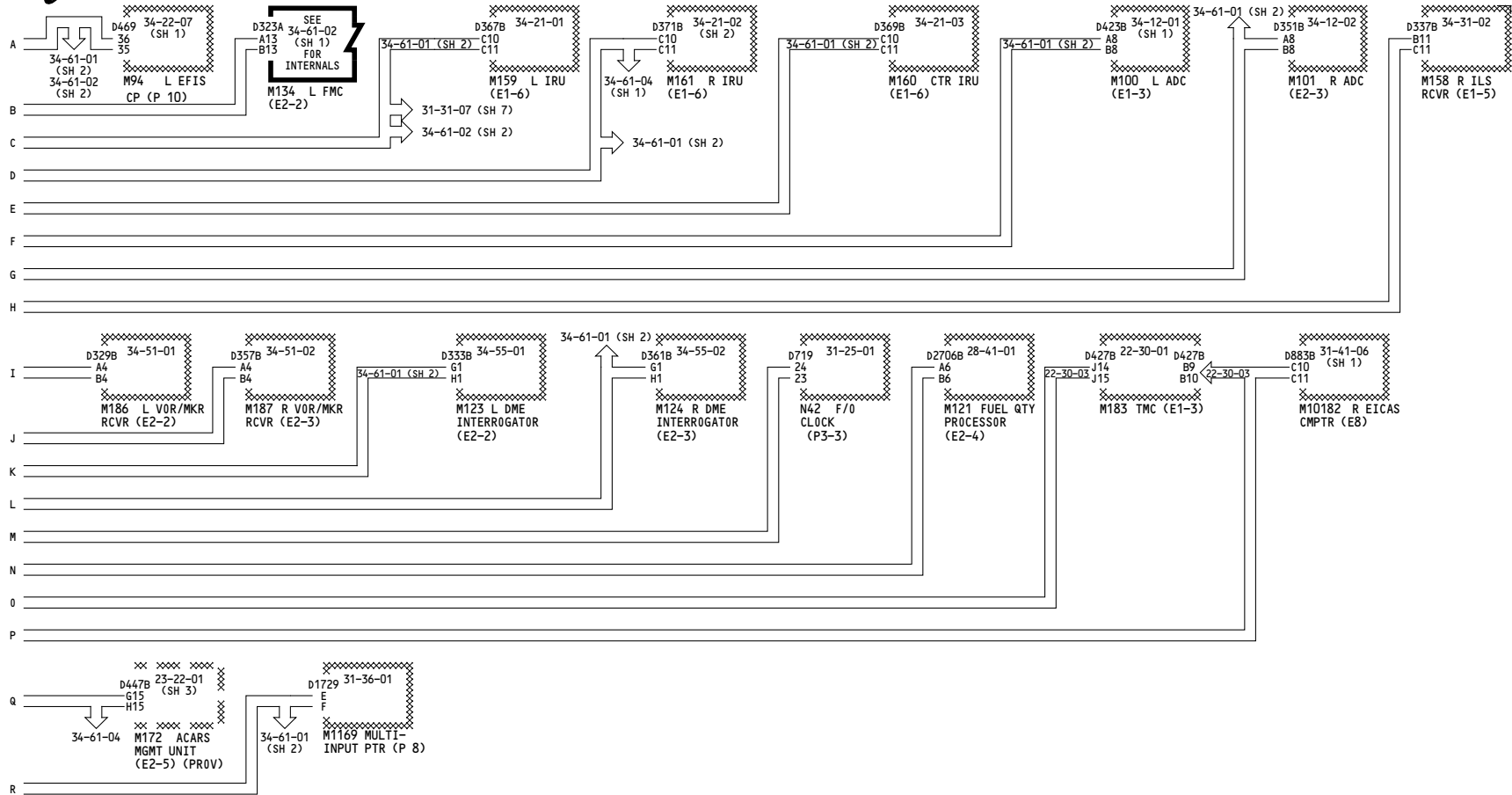
FLIGHT MANAGEMENT COMPUTER INPUTS-RIGHT

D280T232

Incorporates
 31-0031
 34-0243

34-61-03

634

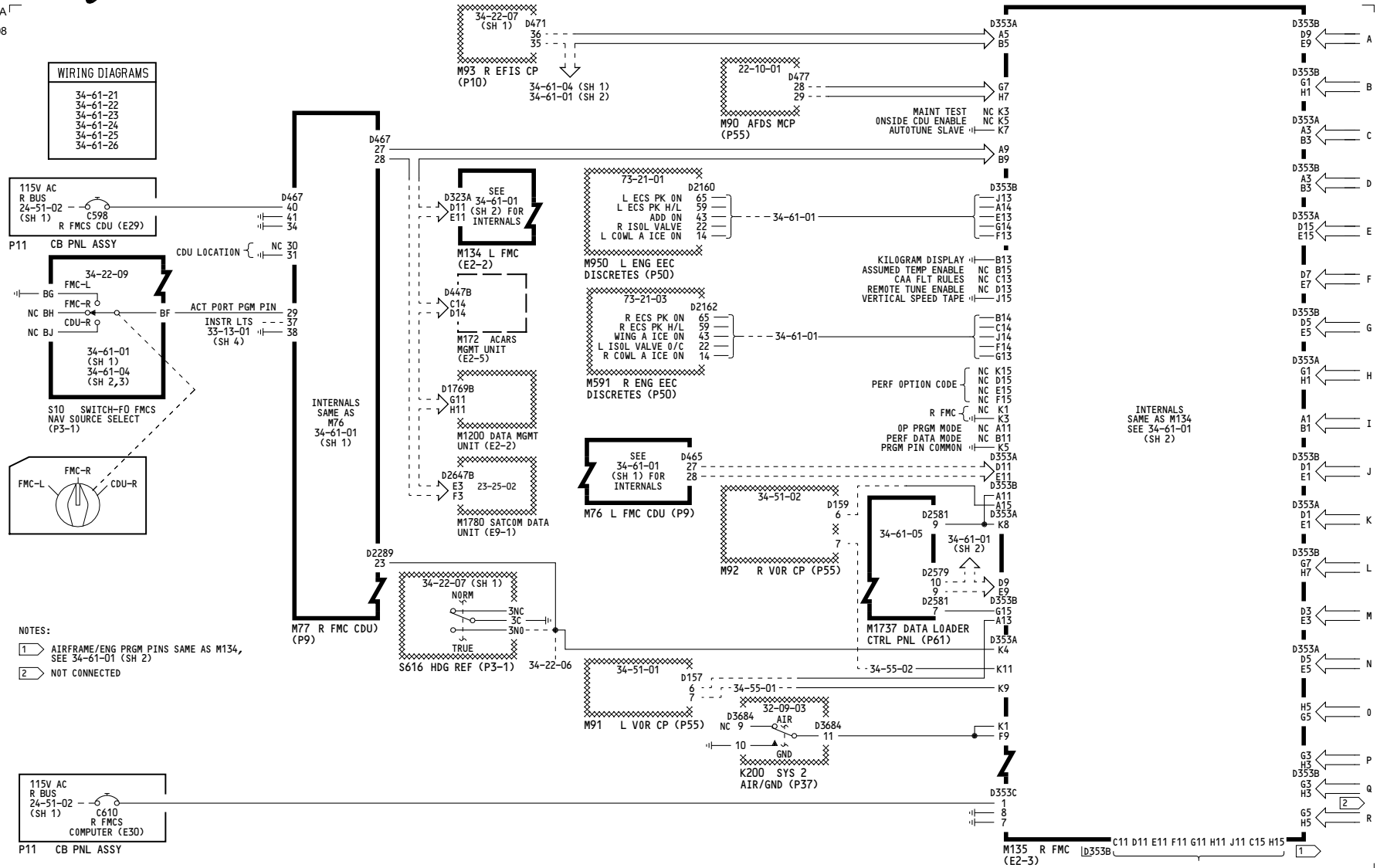


151-152	<p>FLIGHT MANAGEMENT COMPUTER INPUTS- RIGHT</p> <p>D280T232</p>
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34-61-03

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998



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**FLIGHT MANAGEMENT
COMPUTER INPUTS-
RIGHT**

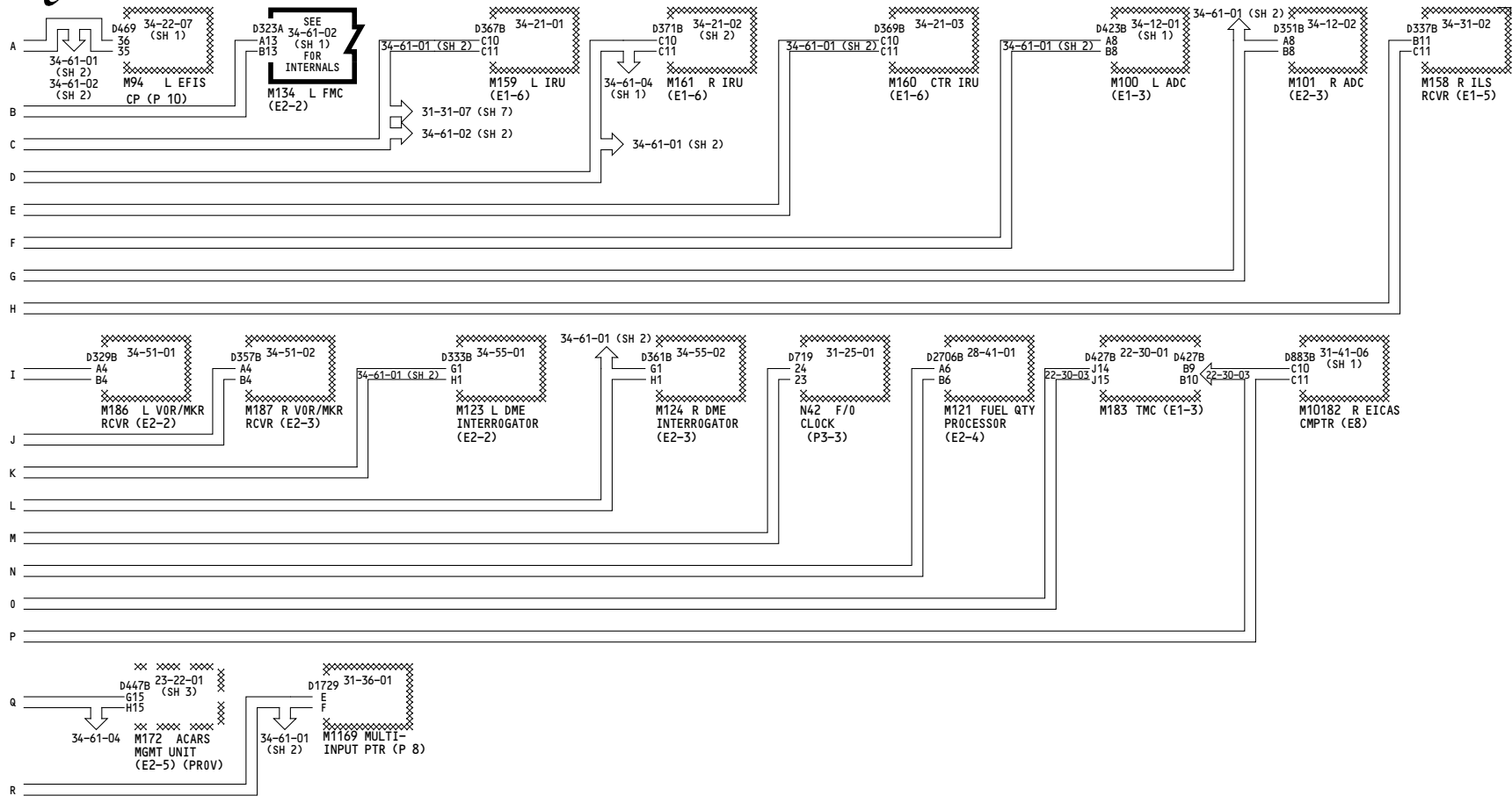
D280T232

- Incorporates**
- 31-0031
 - 31-0208
 - 31-0248
 - 34-0243
 - MTO 230593

34-61-03

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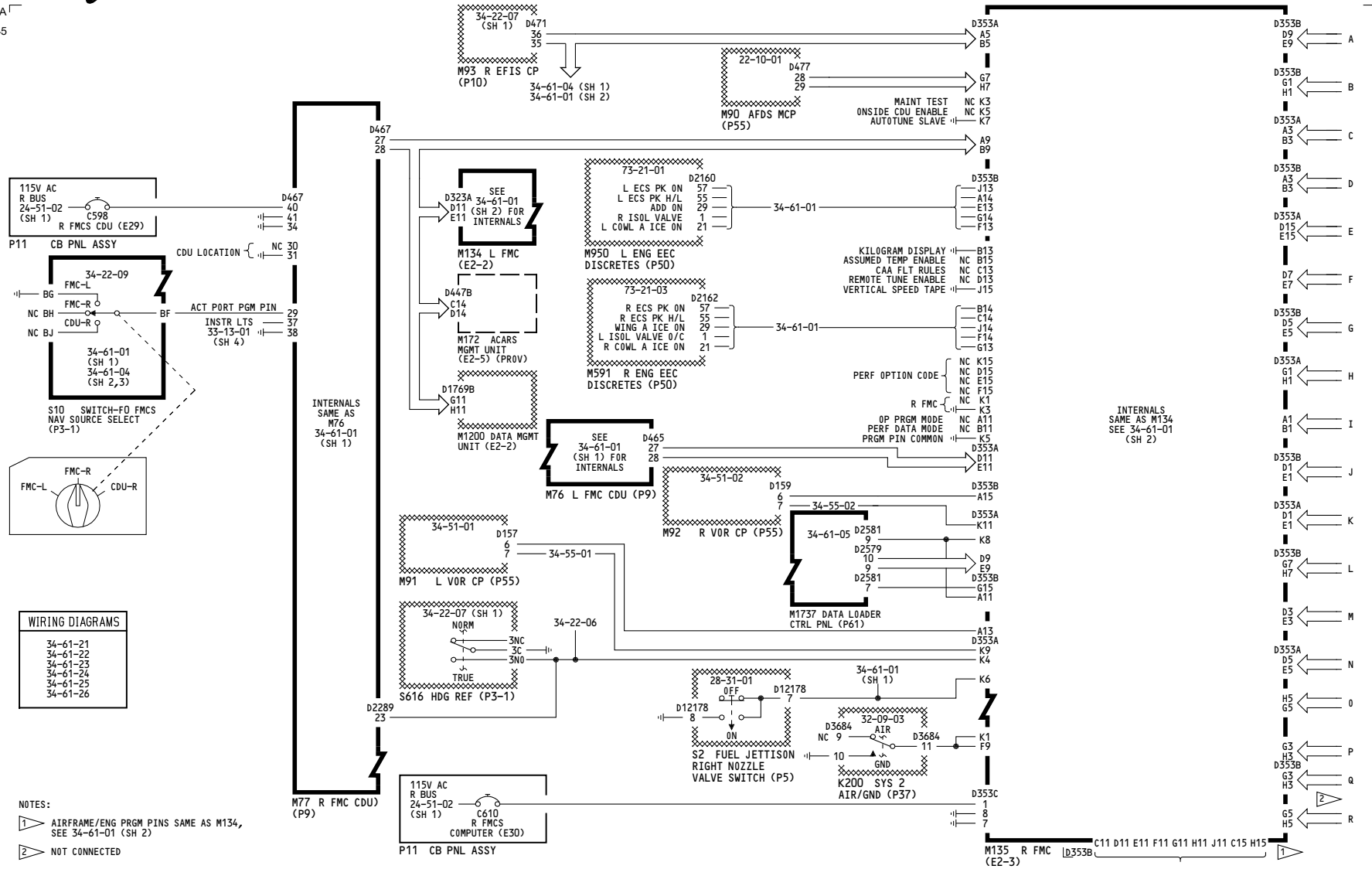


153	<p>FLIGHT MANAGEMENT COMPUTER INPUTS- RIGHT</p> <p>D280T232</p>
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34-61-03

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Sheet 2
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645



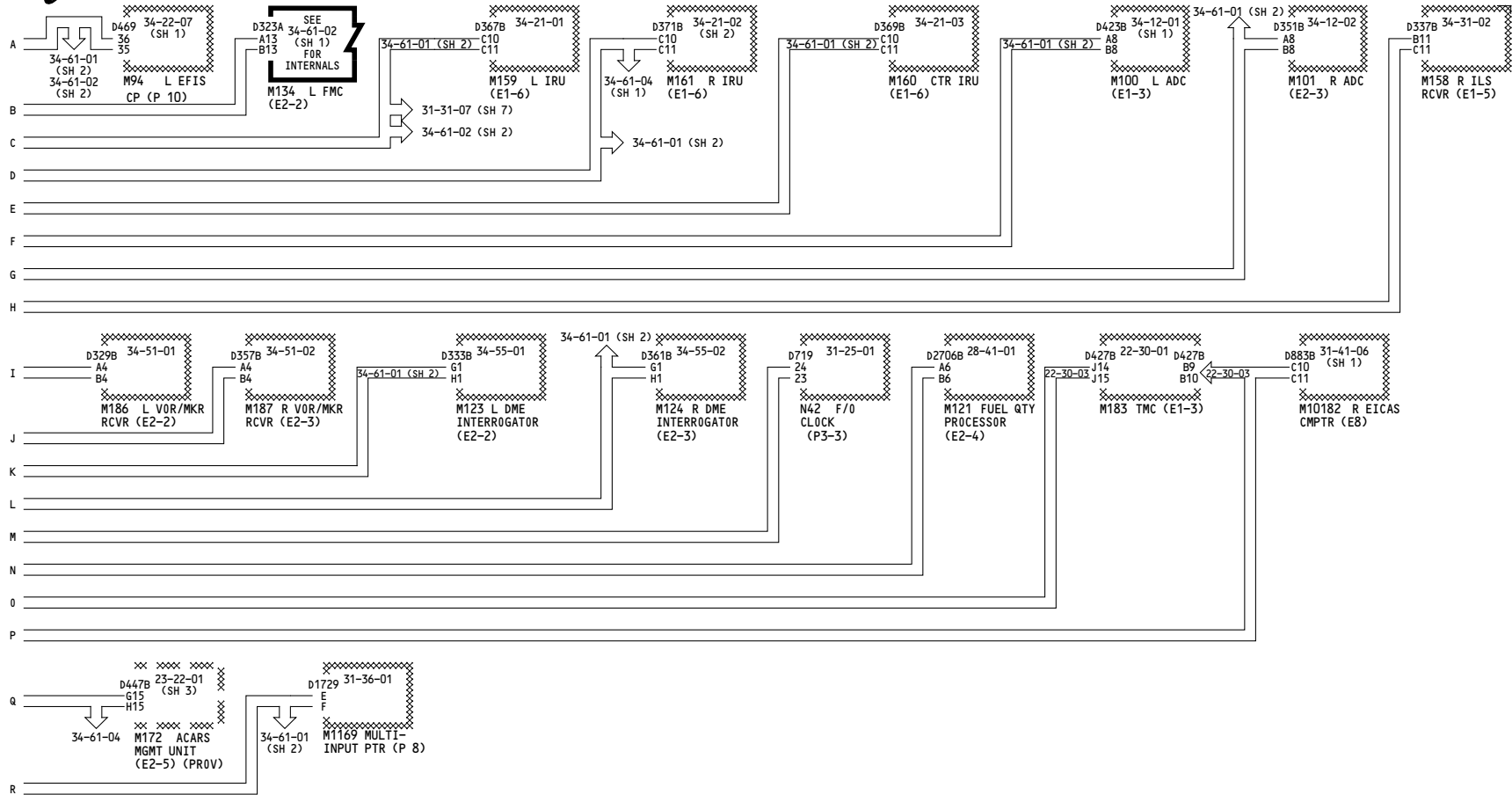
155-156, 162-166

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
RIGHT**

D280T232

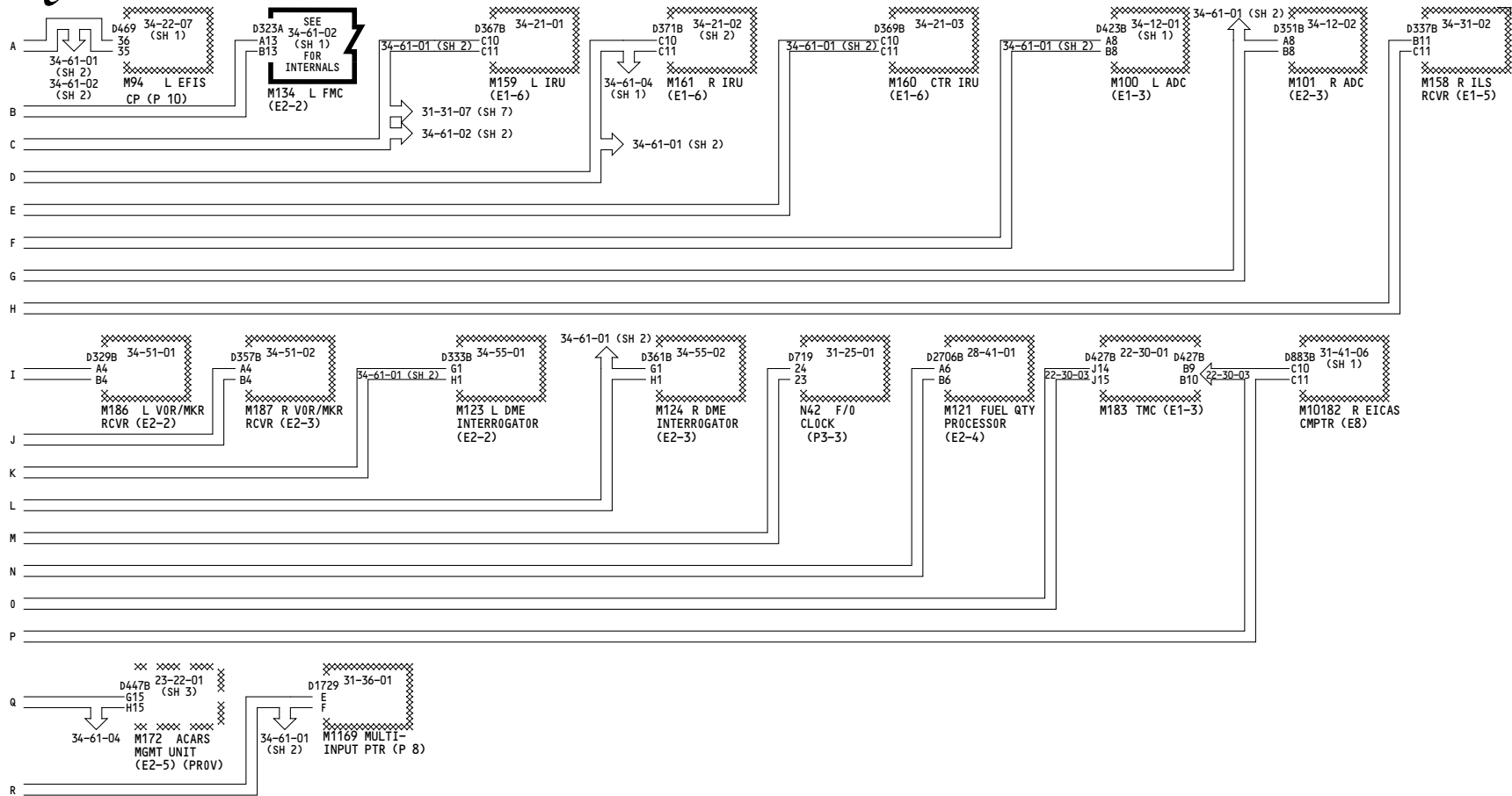
34-61-03

634



155-156, 162-166	<p>FLIGHT MANAGEMENT COMPUTER INPUTS- RIGHT</p> <p>D280T232</p>
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634

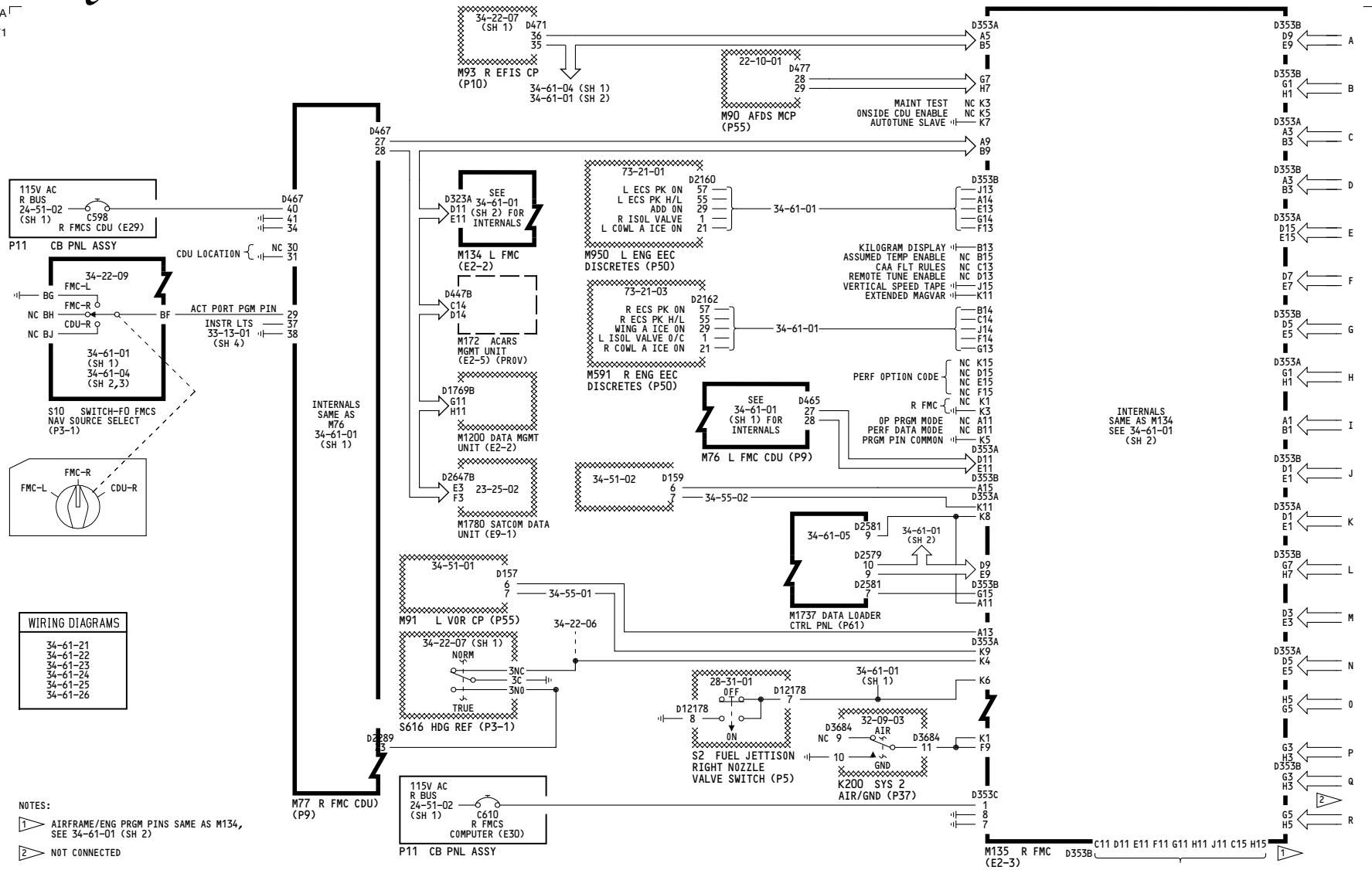


155	<p>FLIGHT MANAGEMENT COMPUTER INPUTS- RIGHT</p> <p>D280T232</p>
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34-61-03

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771



156, 166

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
RIGHT**

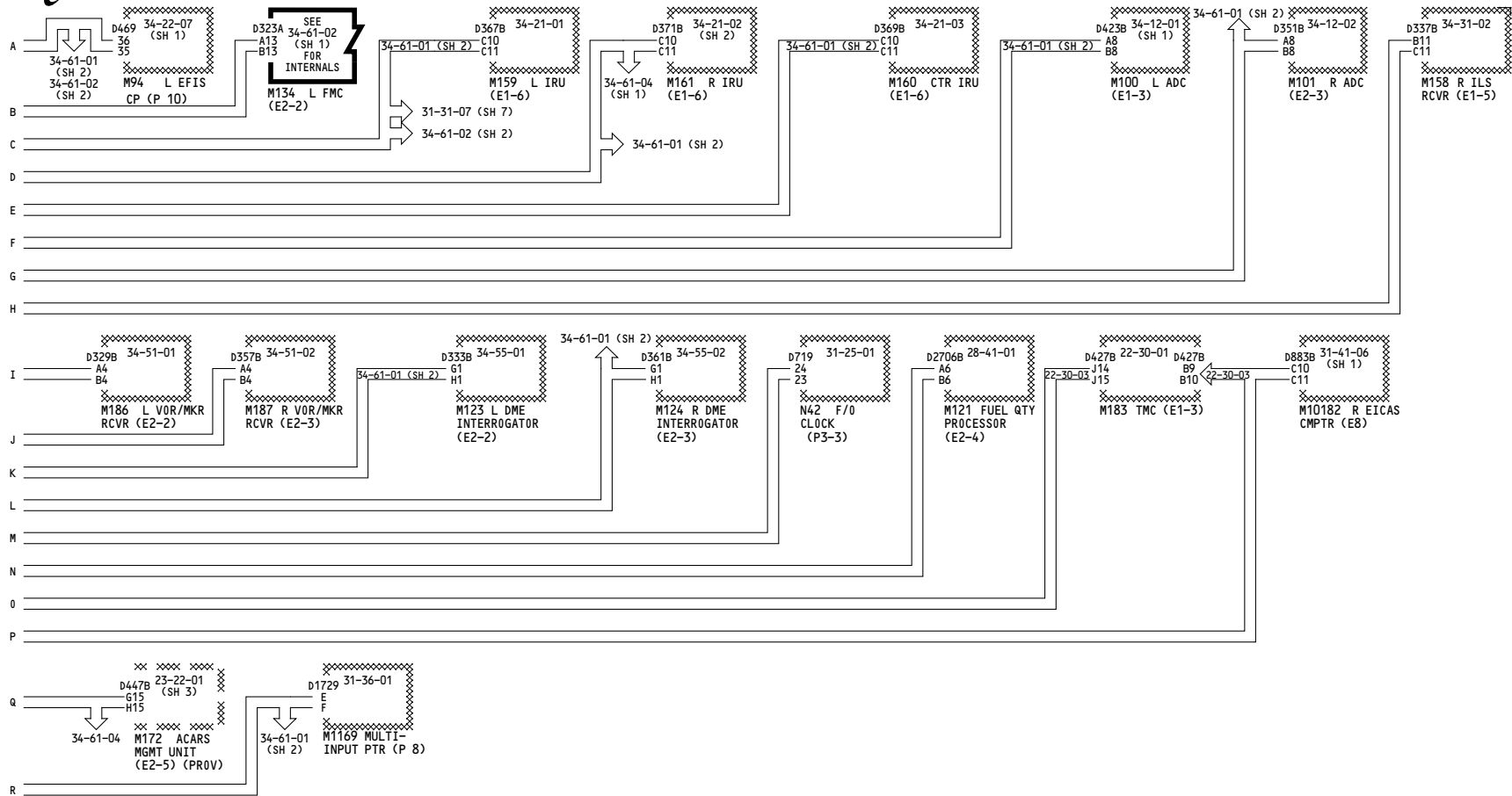
Incorporates
34-0243
MTO 230591

D280T232

34-61-03

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Sheet 1
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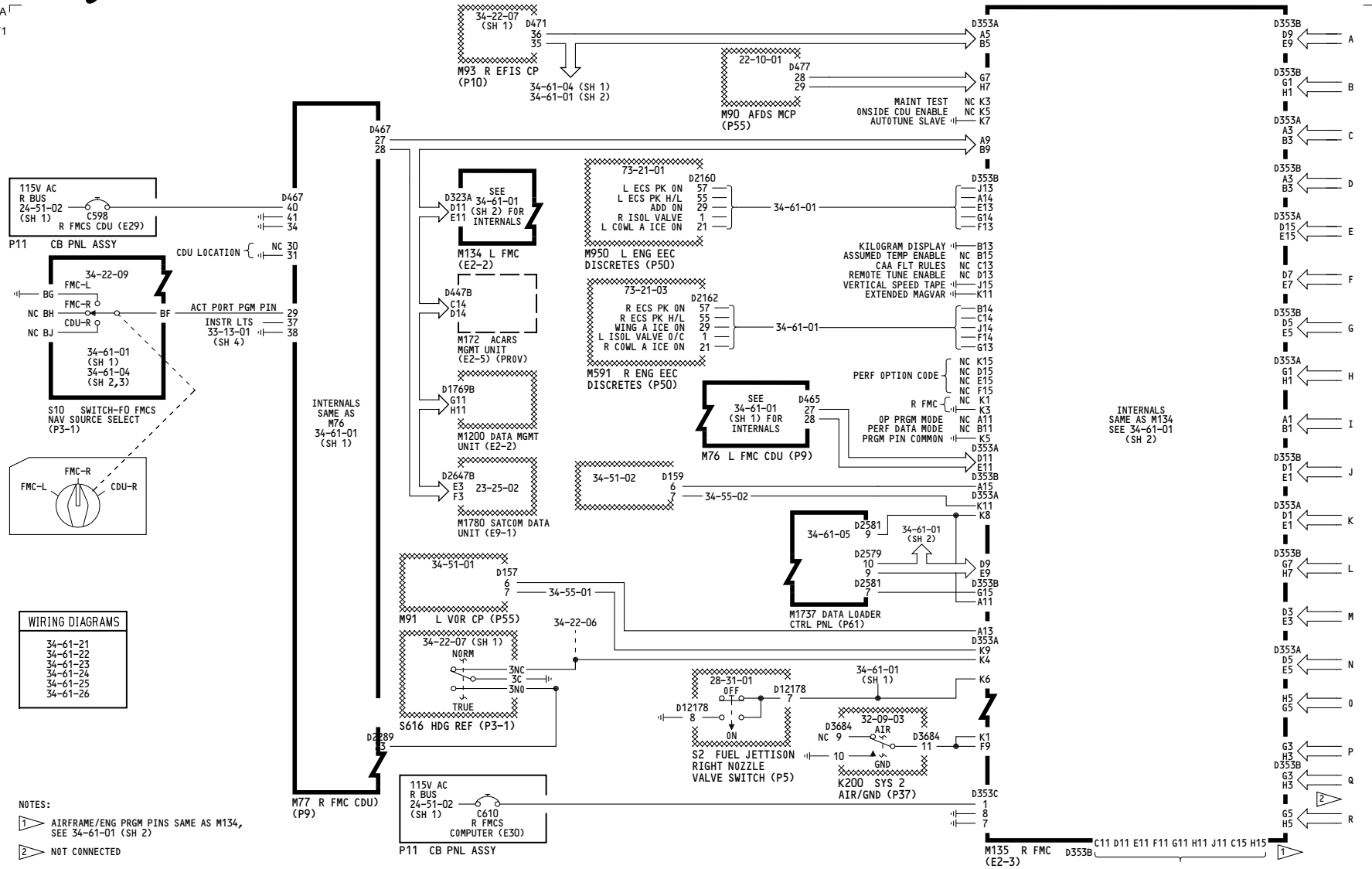


<p>156, 166</p>	<p>FLIGHT MANAGEMENT COMPUTER INPUTS- RIGHT</p> <p>D280T232</p>
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34-61-03

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Sheet 2
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771

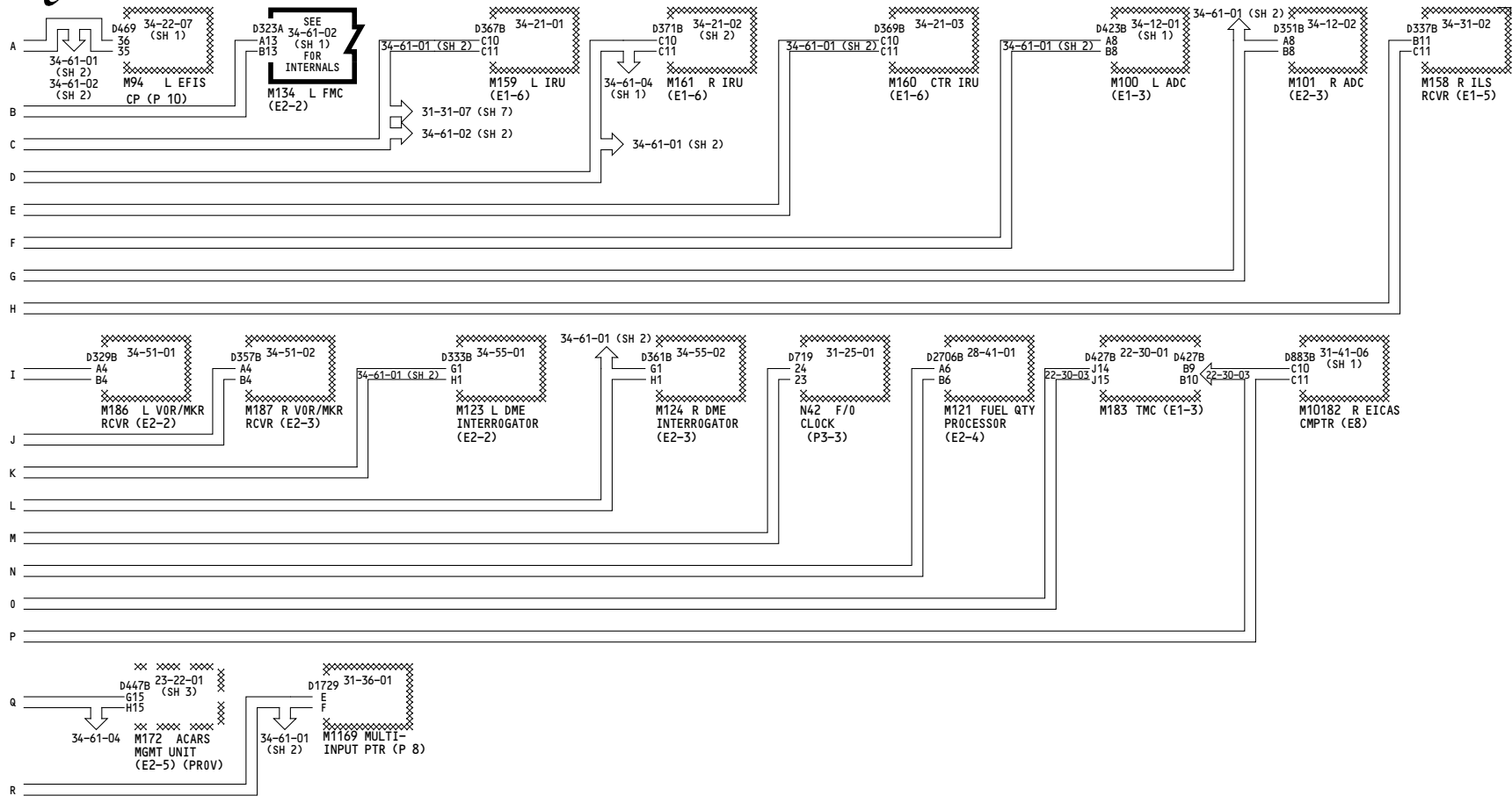


162-165

FLIGHT MANAGEMENT COMPUTER INPUTS- RIGHT

D280T232

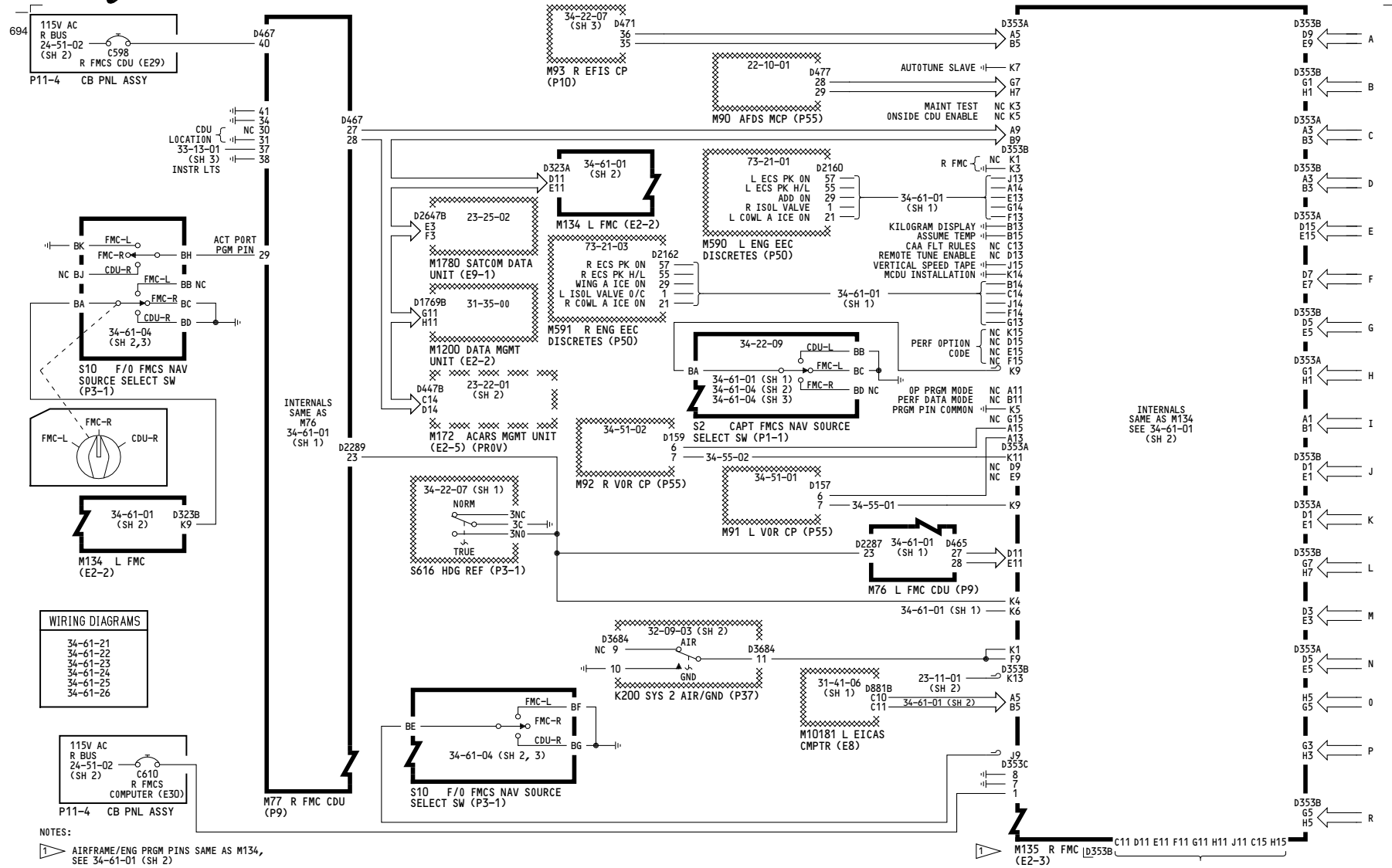
634



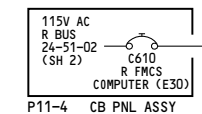
<p>162-165</p>	<p align="center">FLIGHT MANAGEMENT COMPUTER INPUTS- RIGHT</p> <p align="center">D280T232</p>
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34-61-03

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- WIRING DIAGRAMS**
- 34-61-21
 - 34-61-22
 - 34-61-23
 - 34-61-24
 - 34-61-25
 - 34-61-26



NOTES:

1 AIRFRAME/ENG PRGM PINS SAME AS M134, SEE 34-61-01 (SH 2)

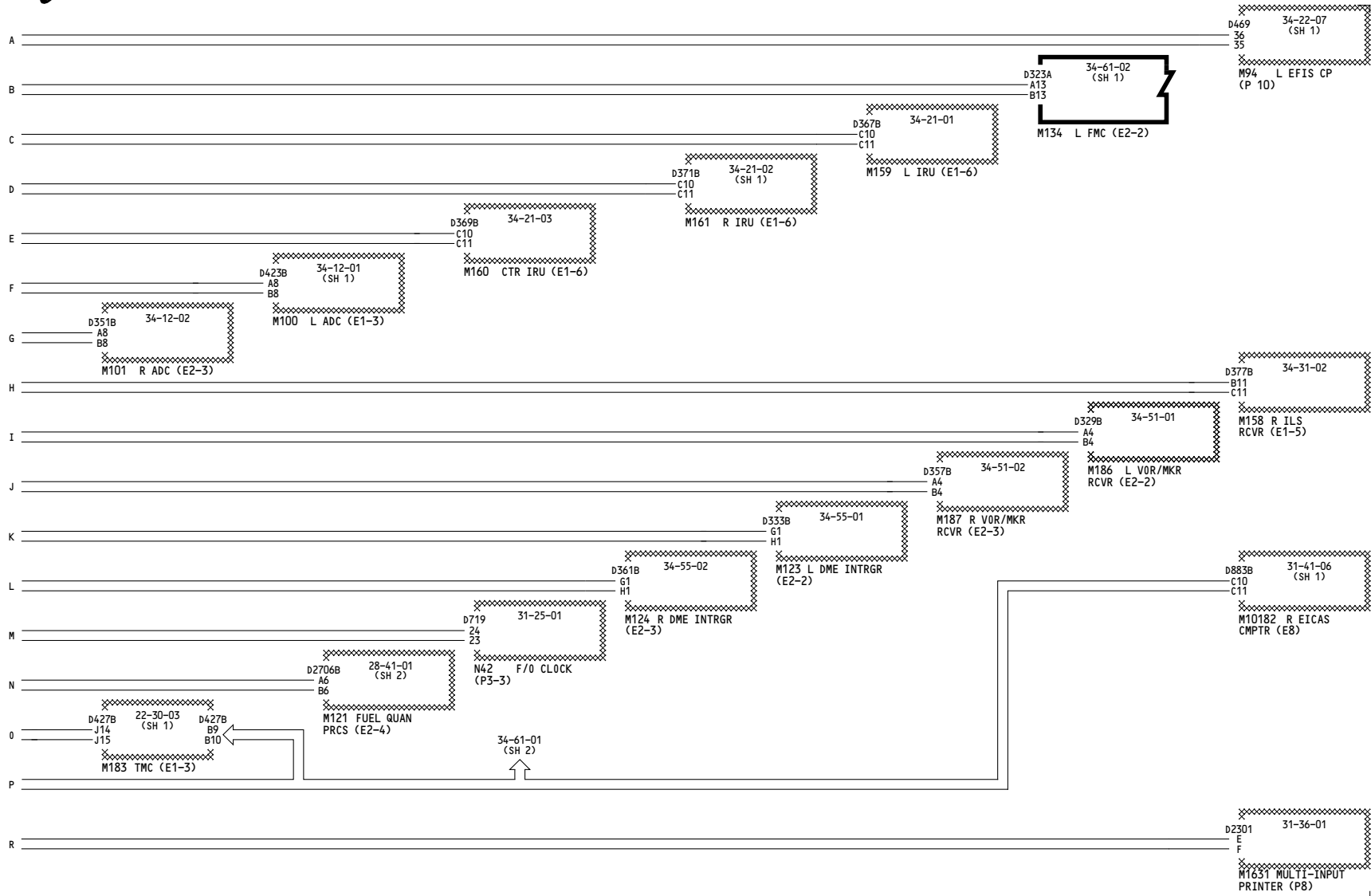
157

FLIGHT MANAGEMENT COMPUTER INPUTS-RIGHT

D280T232

34-61-03

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641



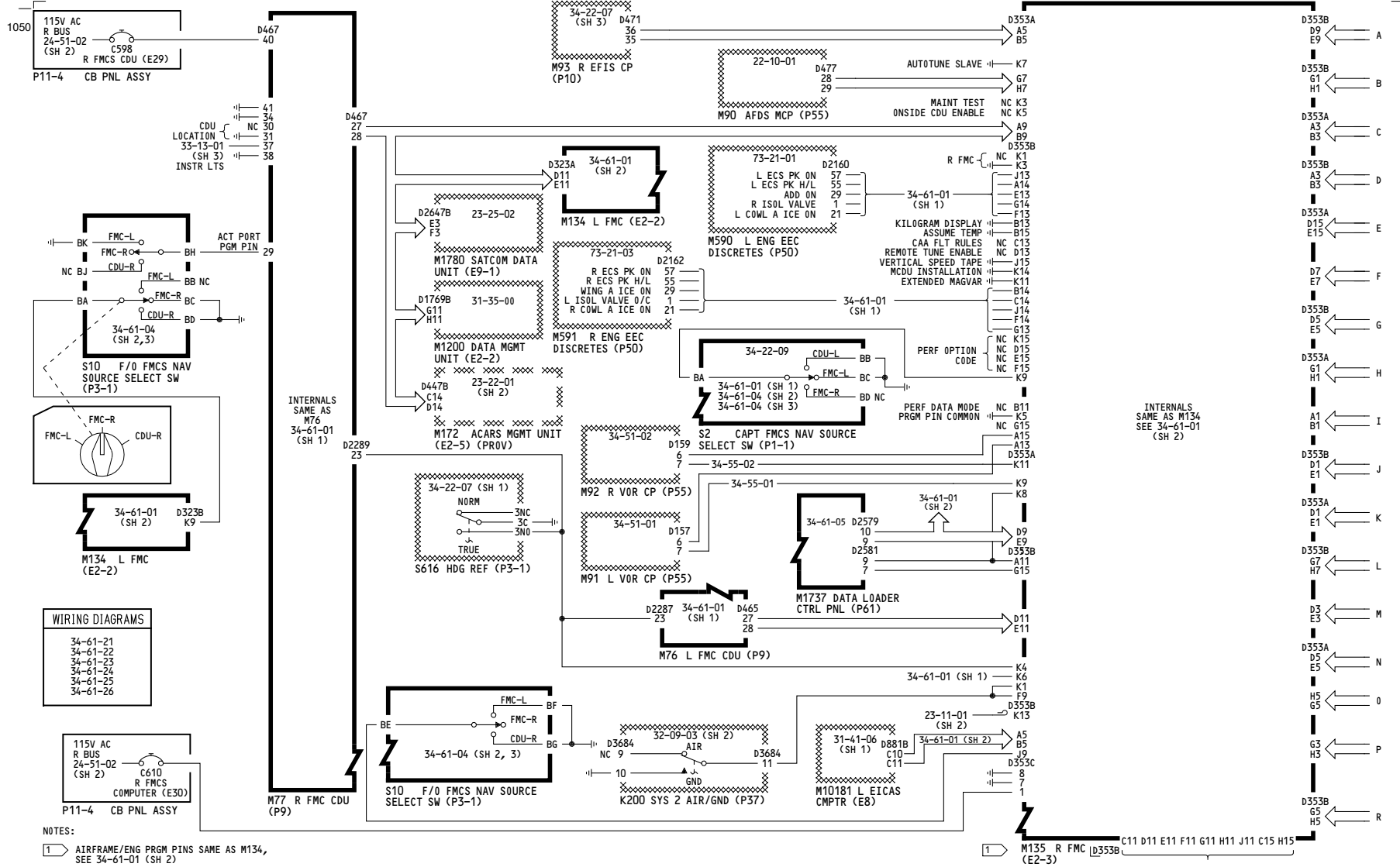
157

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
RIGHT**

D280T232

34-61-03

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NOTES:
 1 AIRFRAME/ENG PRGM PINS SAME AS M134, SEE 34-61-01 (SH 2)

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FLIGHT MANAGEMENT COMPUTER INPUTS - RIGHT

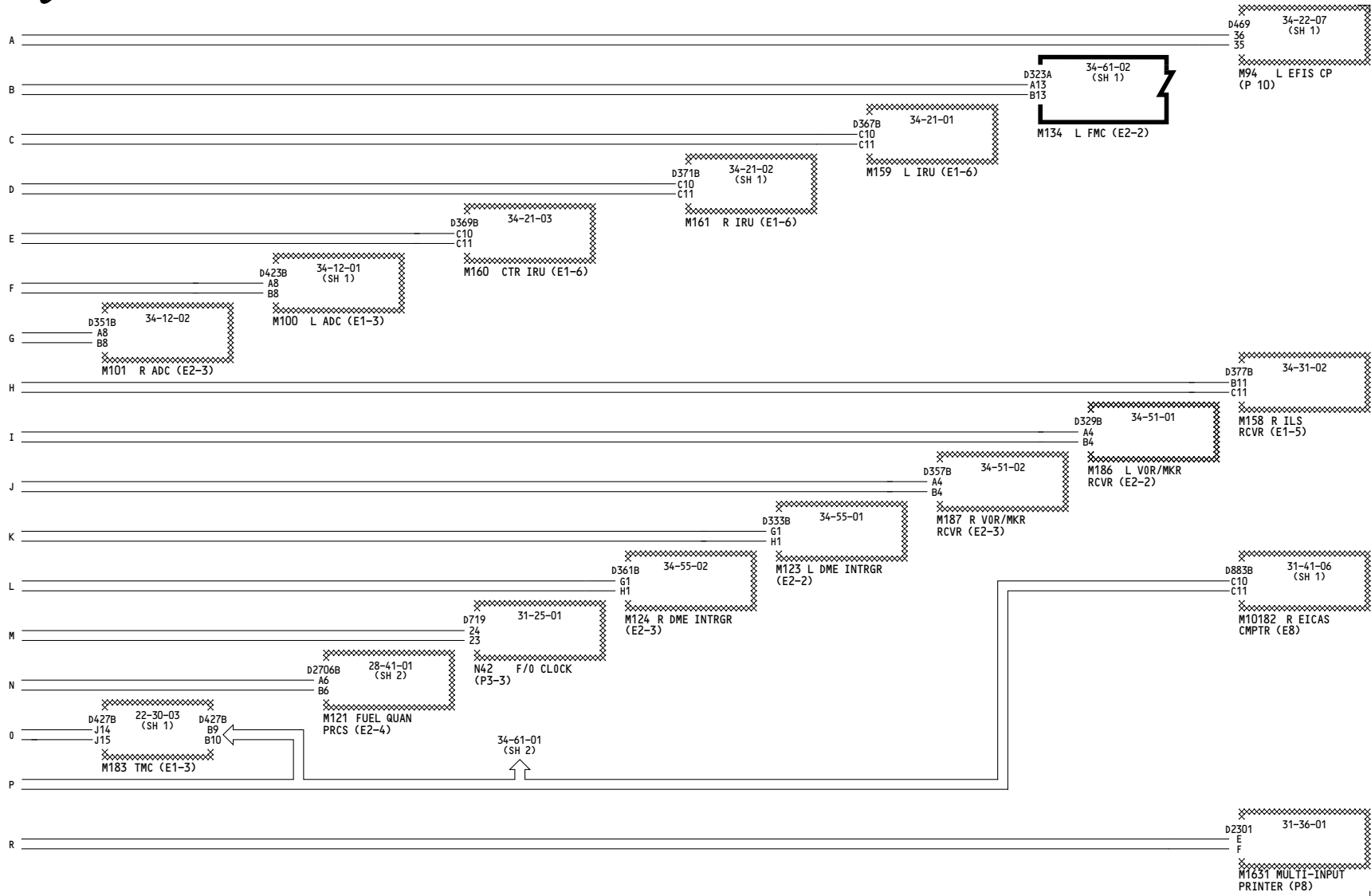
D280T232

- Incorporates
- ▶ 34-0243
 - ▶ 34-0544
 - ▶ MTO 230591

34-61-03

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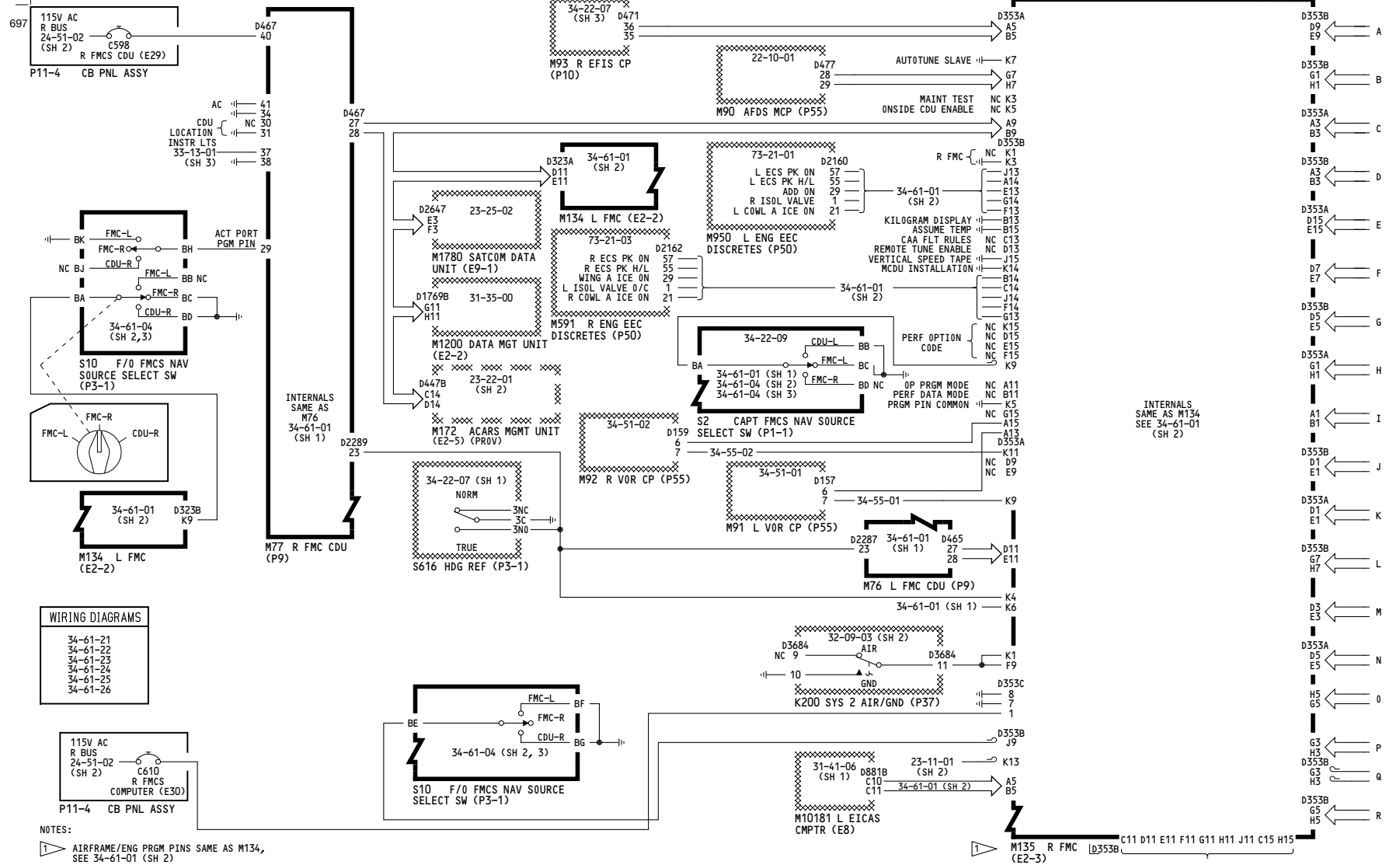
157

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
RIGHT**

D280T232

34-61-03

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167-199

FLIGHT MANAGEMENT COMPUTER INPUTS- RIGHT

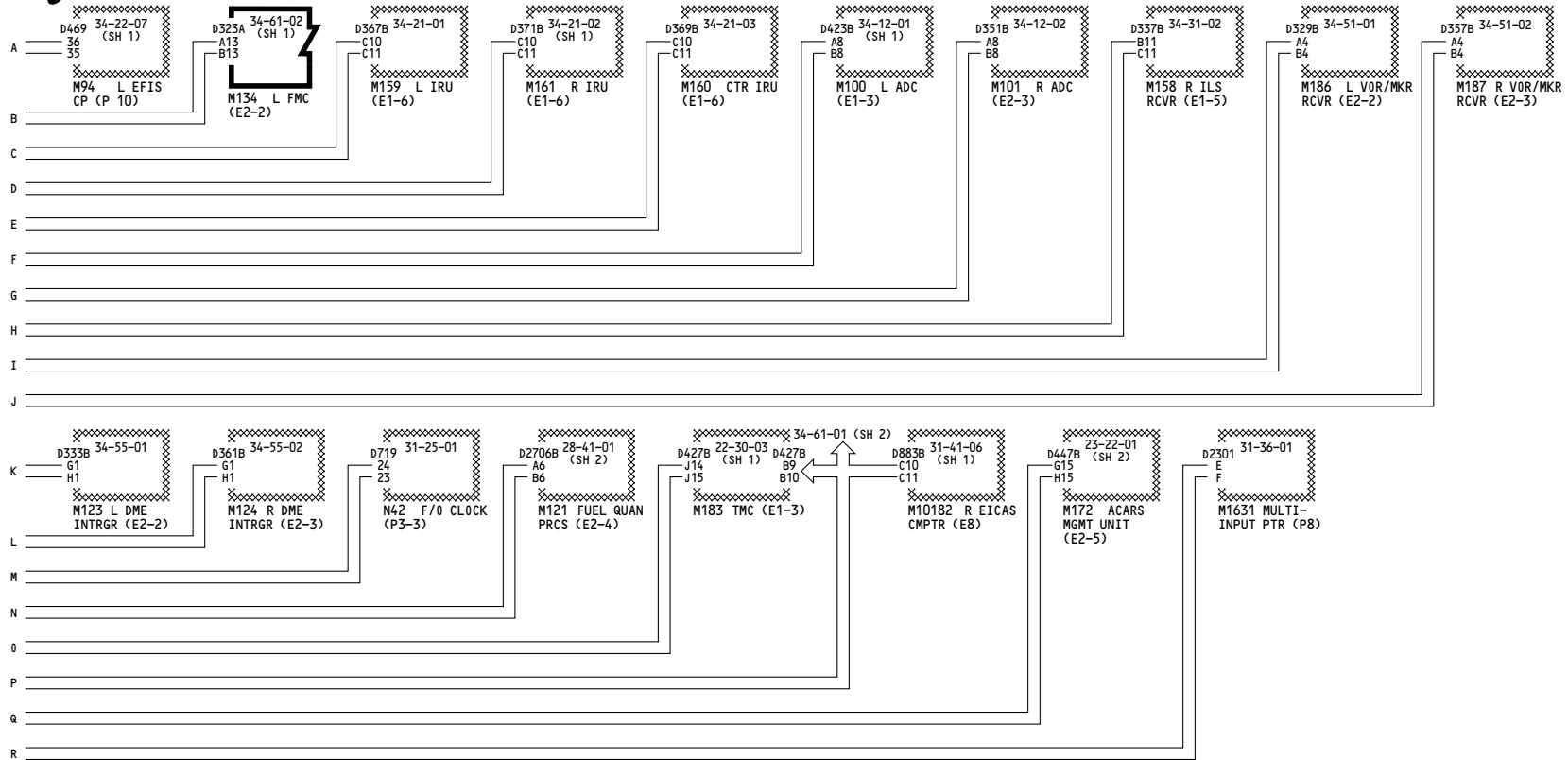
D280T232

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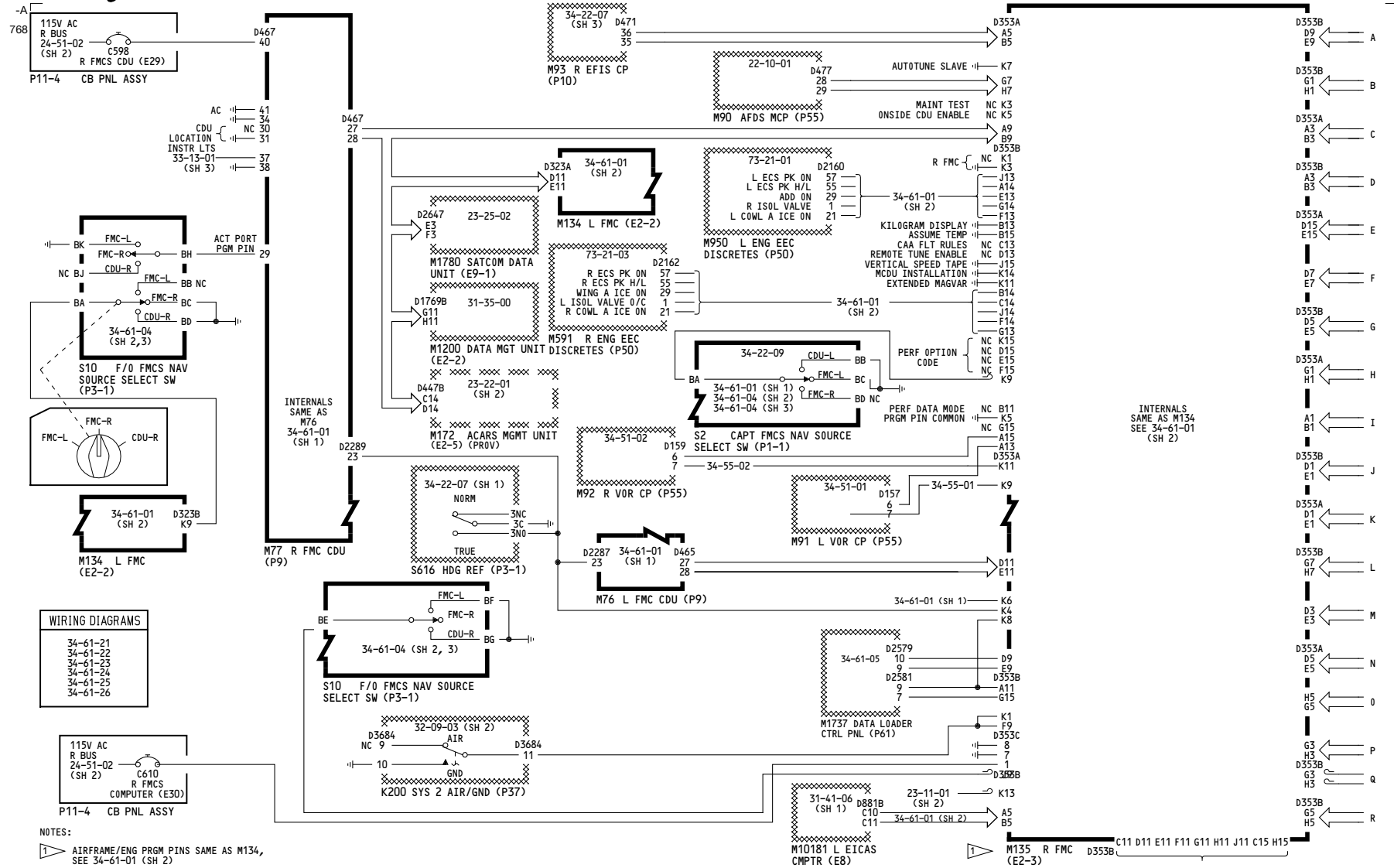
682



167-199	<p align="center">FLIGHT MANAGEMENT COMPUTER INPUTS- RIGHT</p> <p align="center">D280T232</p>
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**FLIGHT MANAGEMENT
COMPUTER INPUTS-
RIGHT**

- ▶ Incorporates 34-0243
- ▶ MTO 230591

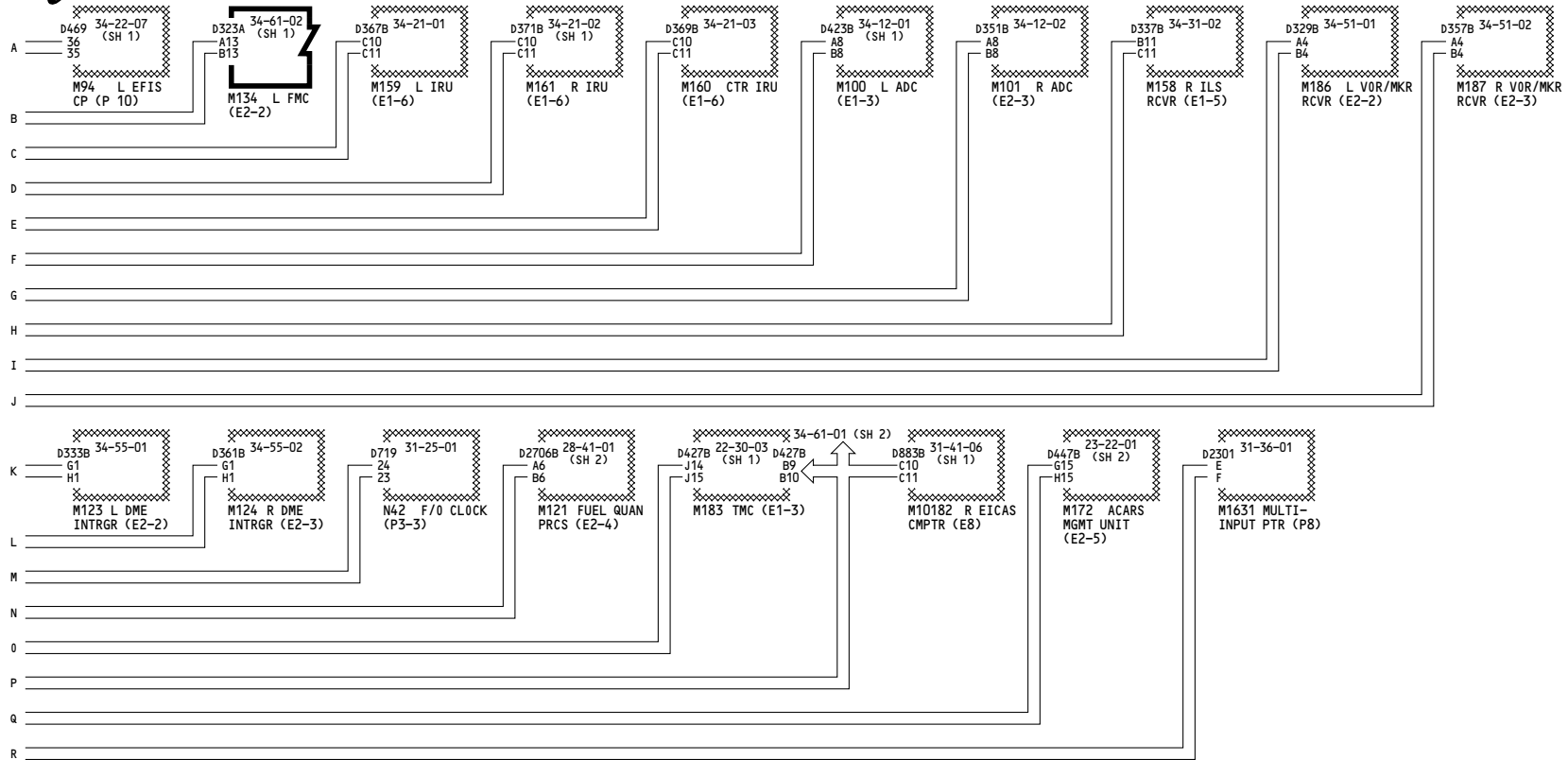
D280T232

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682



167

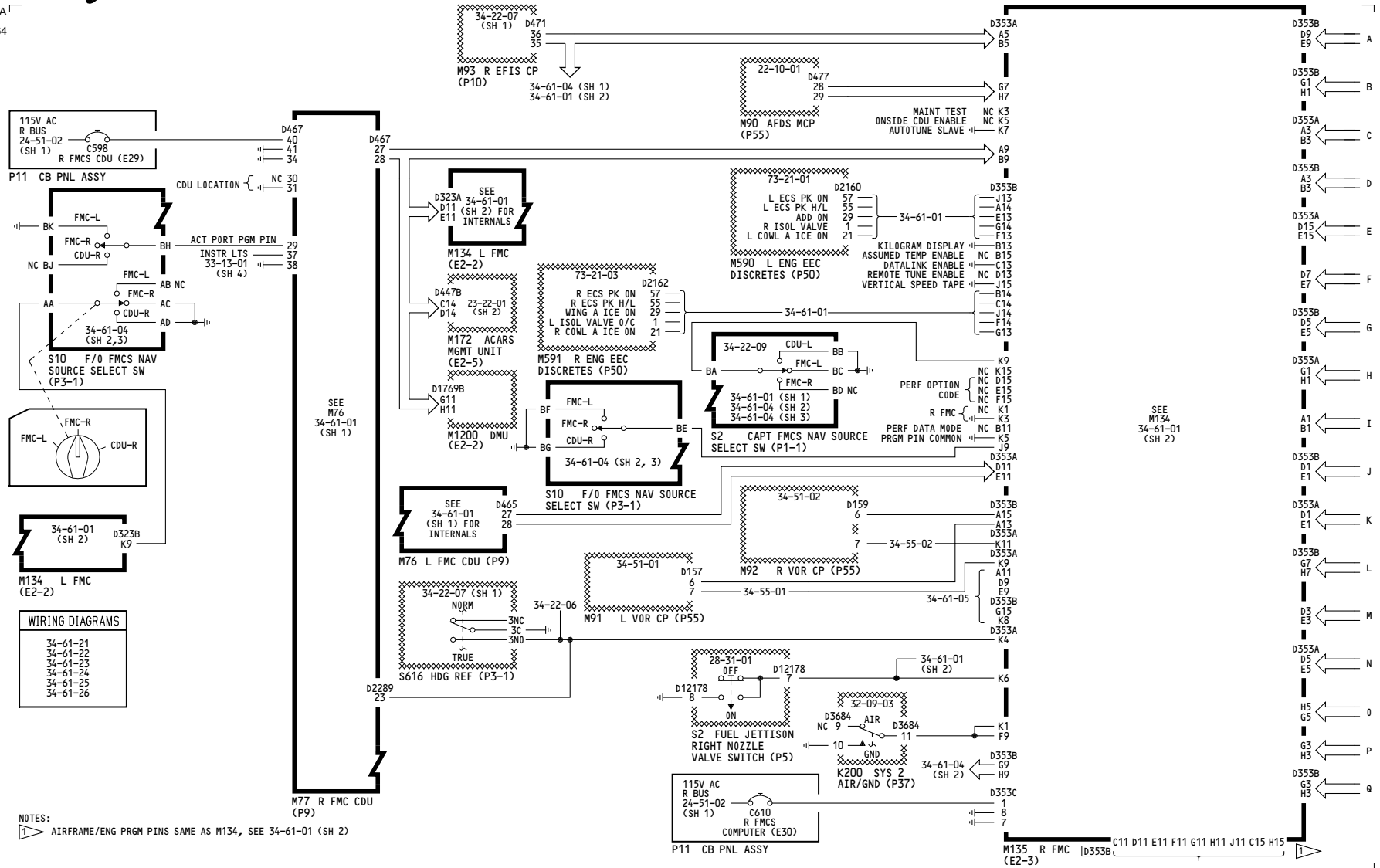
FLIGHT MANAGEMENT
COMPUTER INPUTS-
RIGHT

D280T232

34-61-03

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-A
764



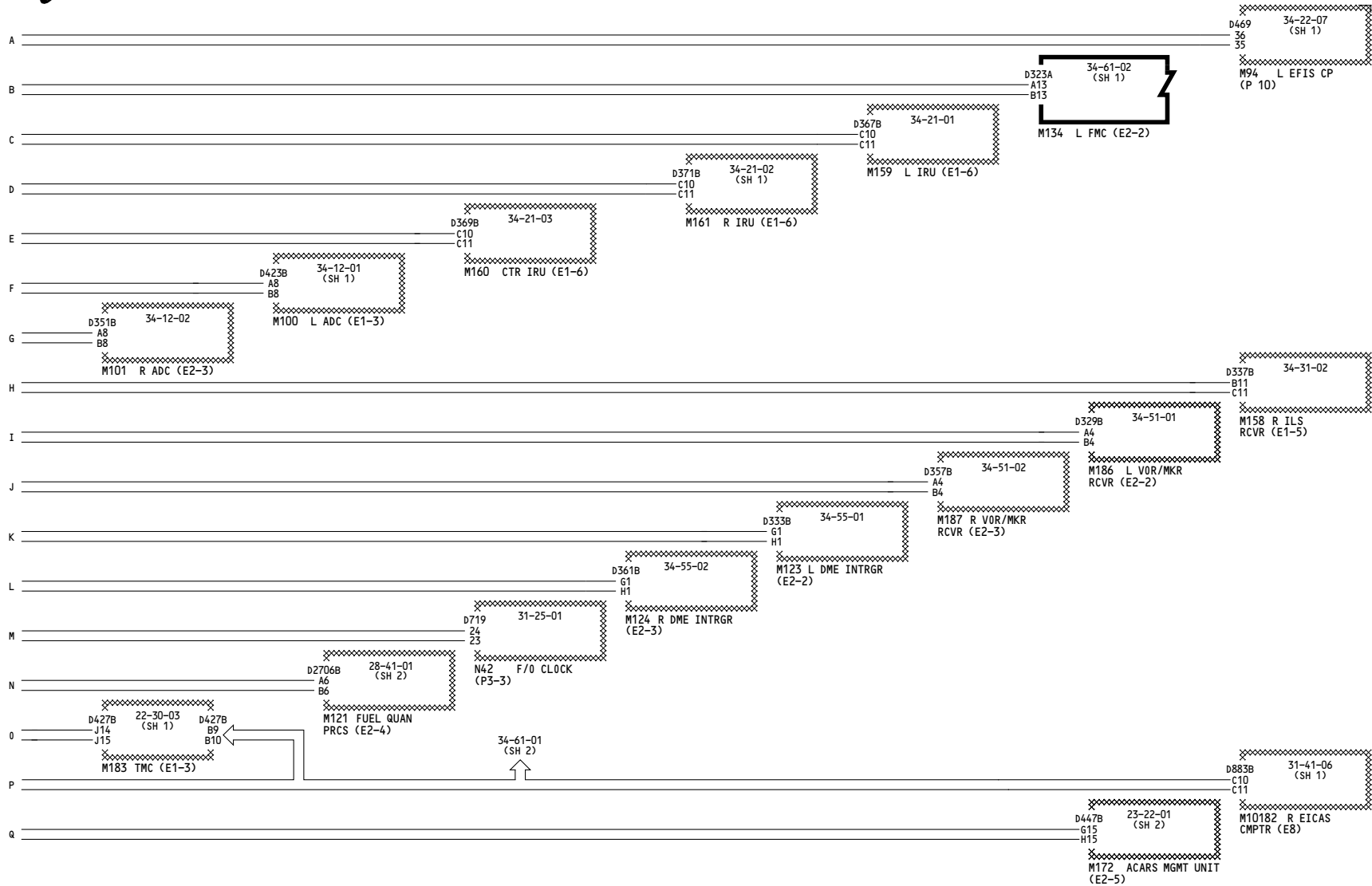
275	<h3 style="margin: 0;">FLIGHT MANAGEMENT COMPUTER INPUTS- RIGHT</h3> <p style="text-align: center; margin: 10px 0 0 0;">D280T232</p>
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- Incorporates
- ▶ 34-0137
 - ▶ 34-0168
 - ▶ 34-0241
 - ▶ MTO-230589

34-61-03

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696



275

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
RIGHT**

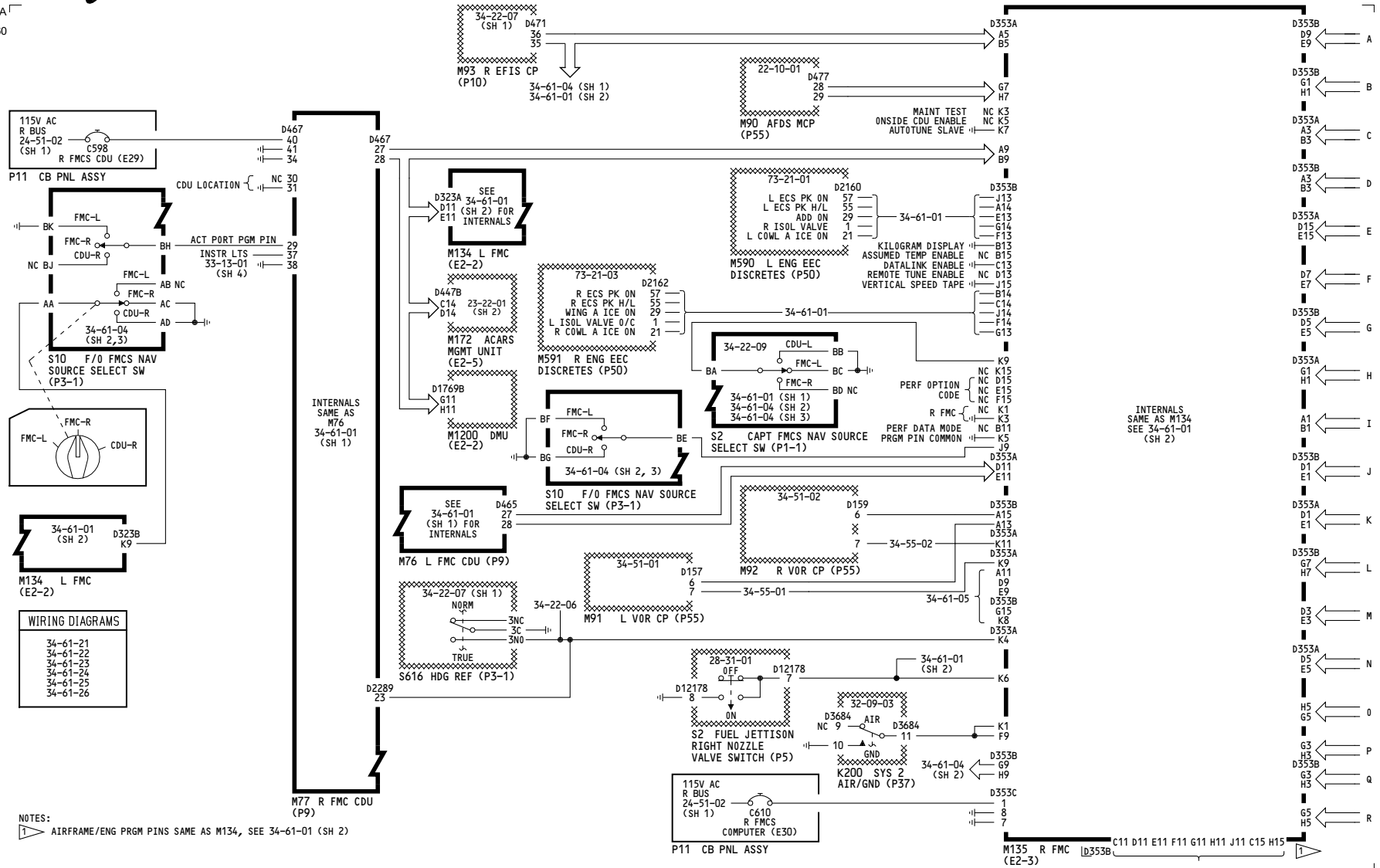
D280T232

- Incorporates
- ▶▶ 34-0137
 - ▶▶ 34-0241

34-61-03

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760



276

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
RIGHT**

- Incorporates
- ▶ 34-0137
 - ▶ 34-0168
 - ▶ 34-0241
 - ▶ MTO-230589

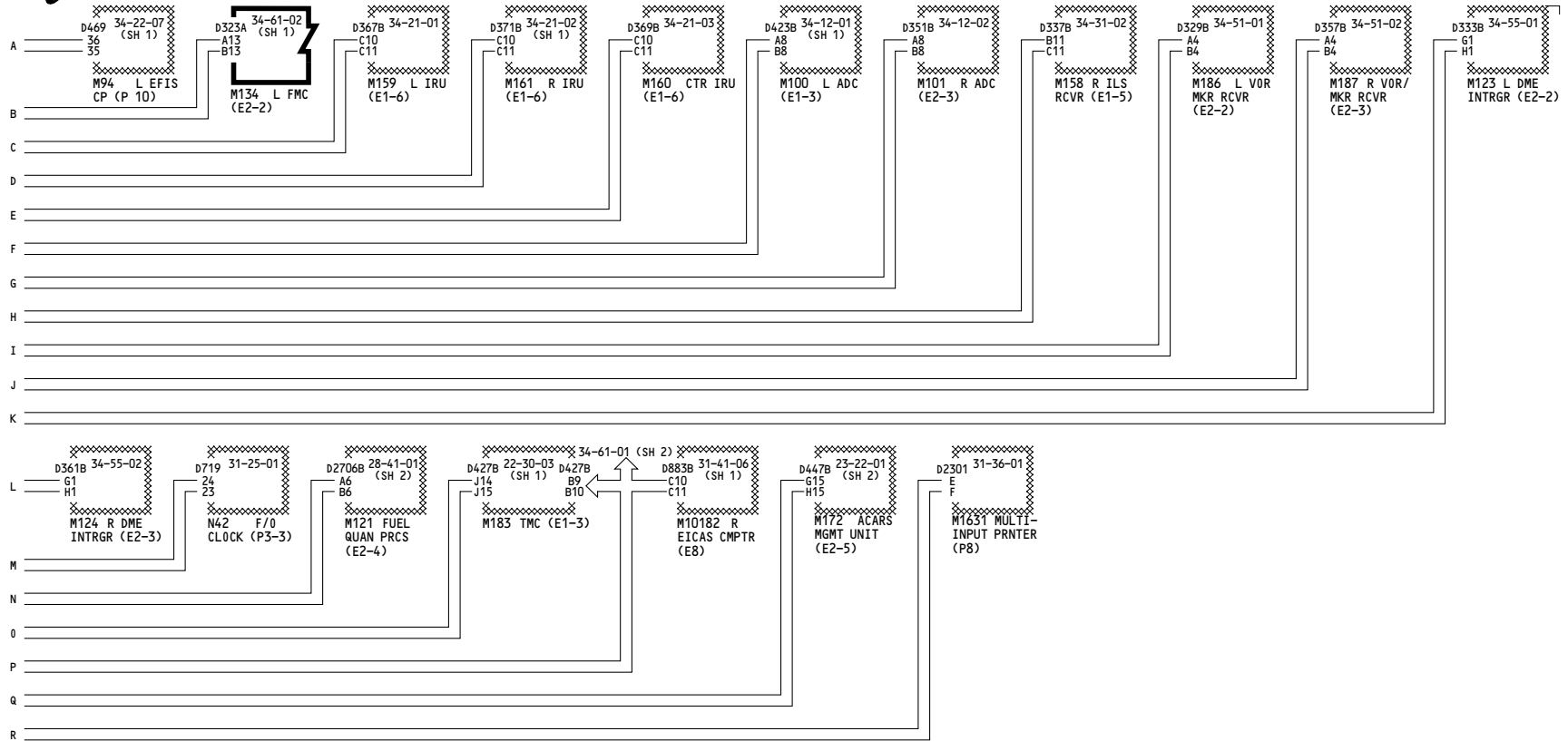
D280T232

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-A
702



276

**FLIGHT MANAGEMENT
COMPUTER INPUTS-
RIGHT**

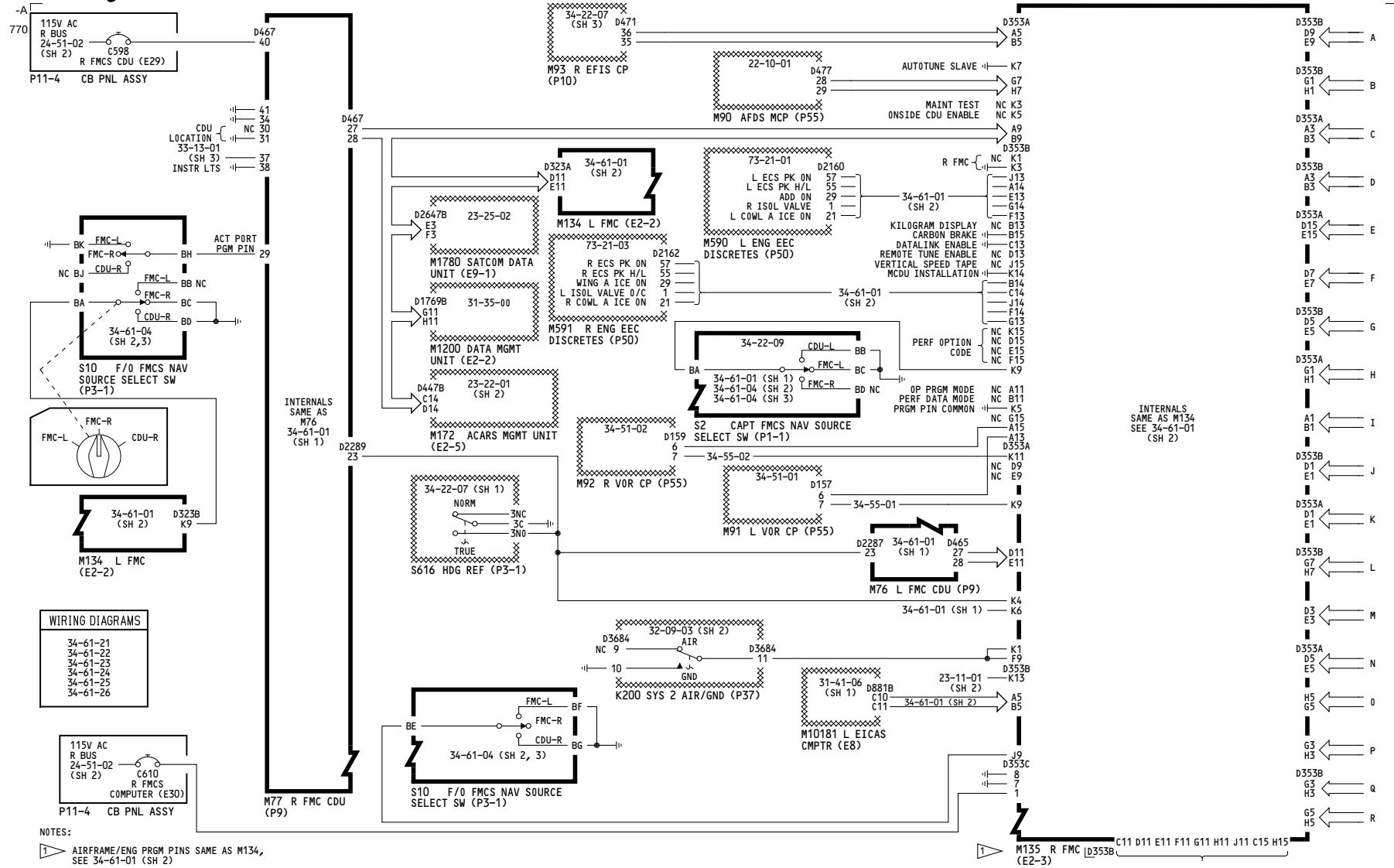
D280T232

Incorporates

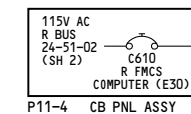
- ▶▶ 34-0137
- ▶▶ 34-0241

34-61-03

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- WIRING DIAGRAMS**
- 34-61-21
 - 34-61-22
 - 34-61-23
 - 34-61-24
 - 34-61-25
 - 34-61-26



NOTES:

1 AIRFRAME/ENG PRGM PINS SAME AS M134, SEE 34-61-01 (SH 2)

277-280

FLIGHT MANAGEMENT COMPUTER INPUTS-RIGHT

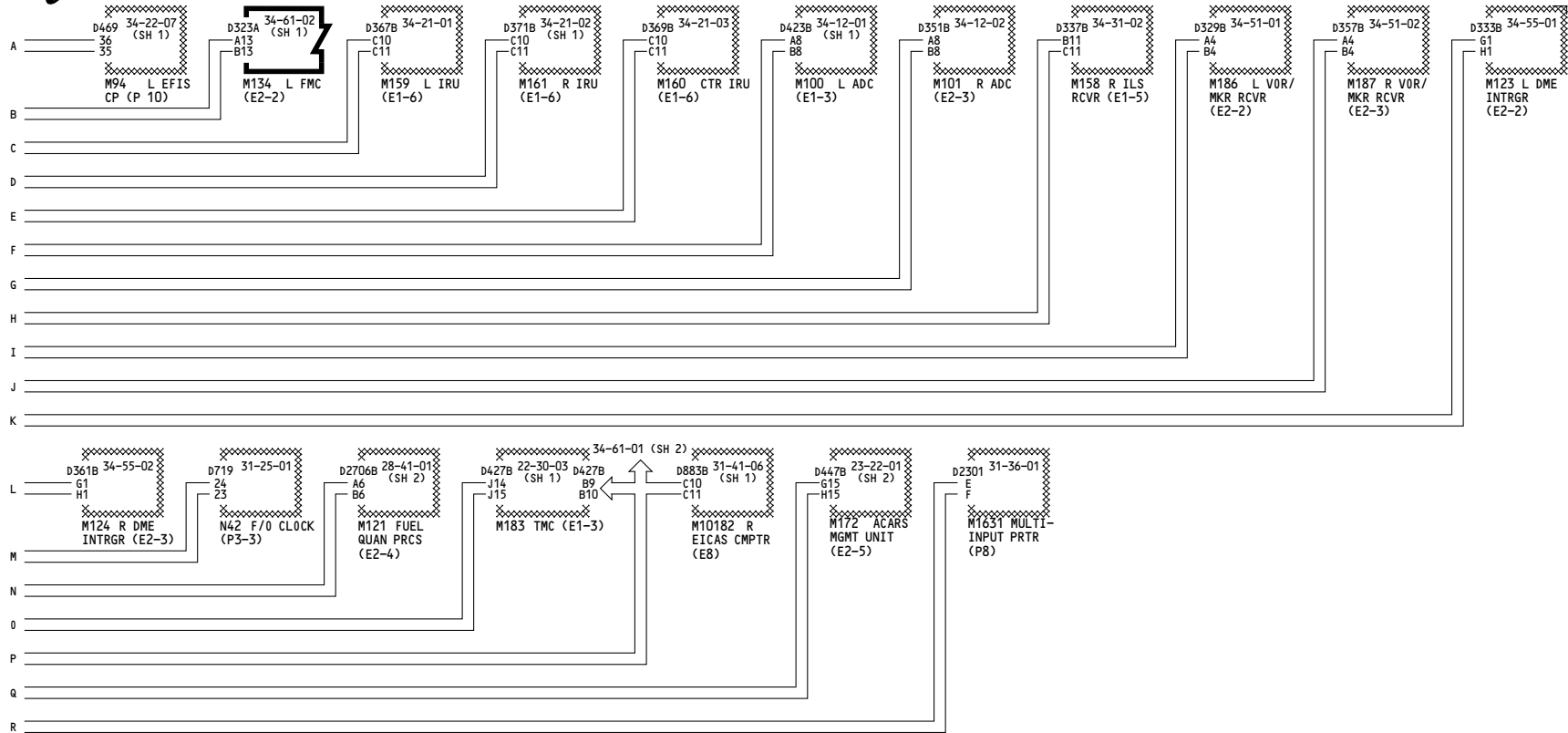
D280T232

- Incorporates**
- 34-0131
 - 34-0241
 - MTO-230589

34-61-03



698



277-280

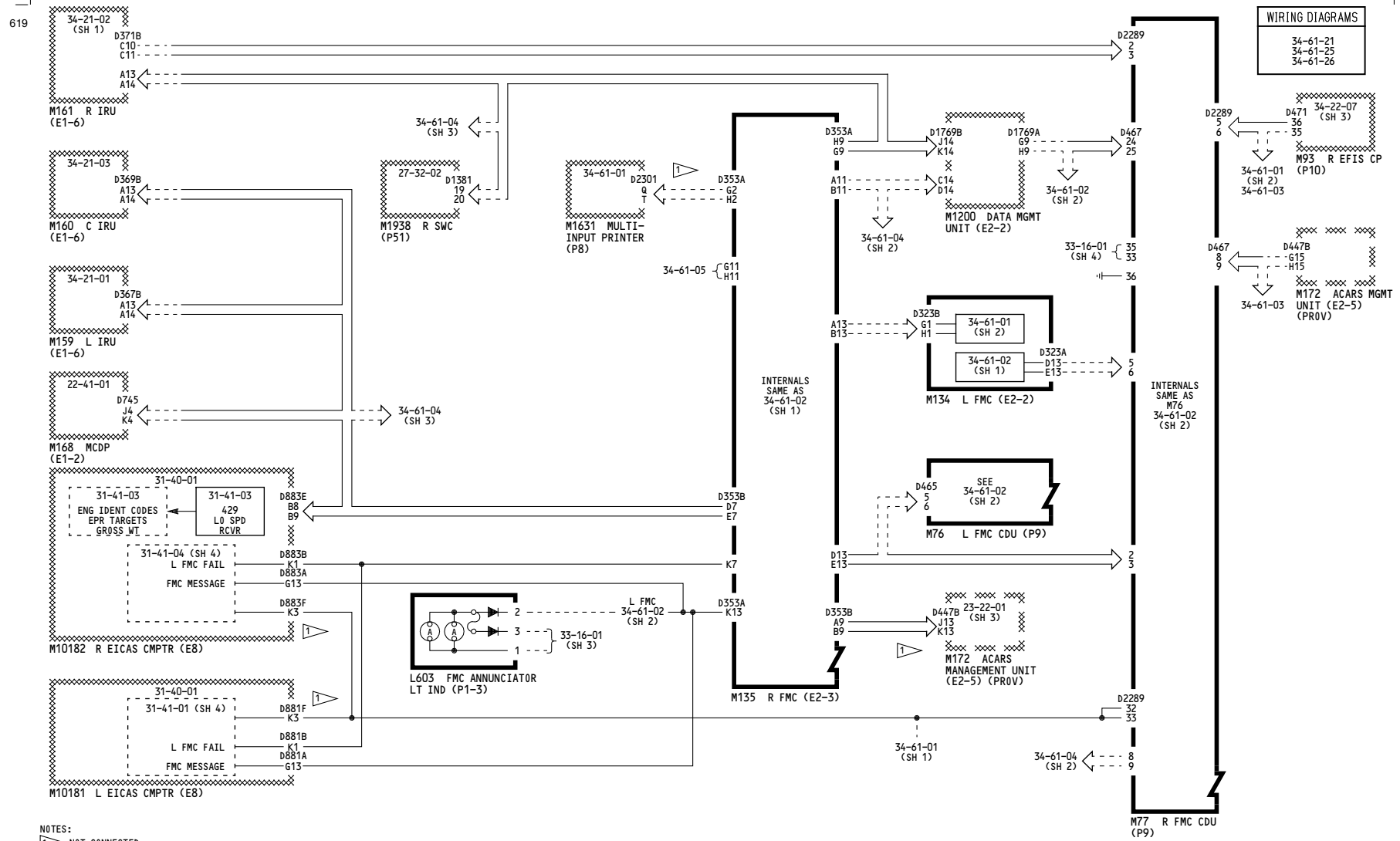
**FLIGHT MANAGEMENT
COMPUTER INPUTS-
RIGHT**

Incorporates
34-0241

D280T232

34-61-03

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Sheet 2
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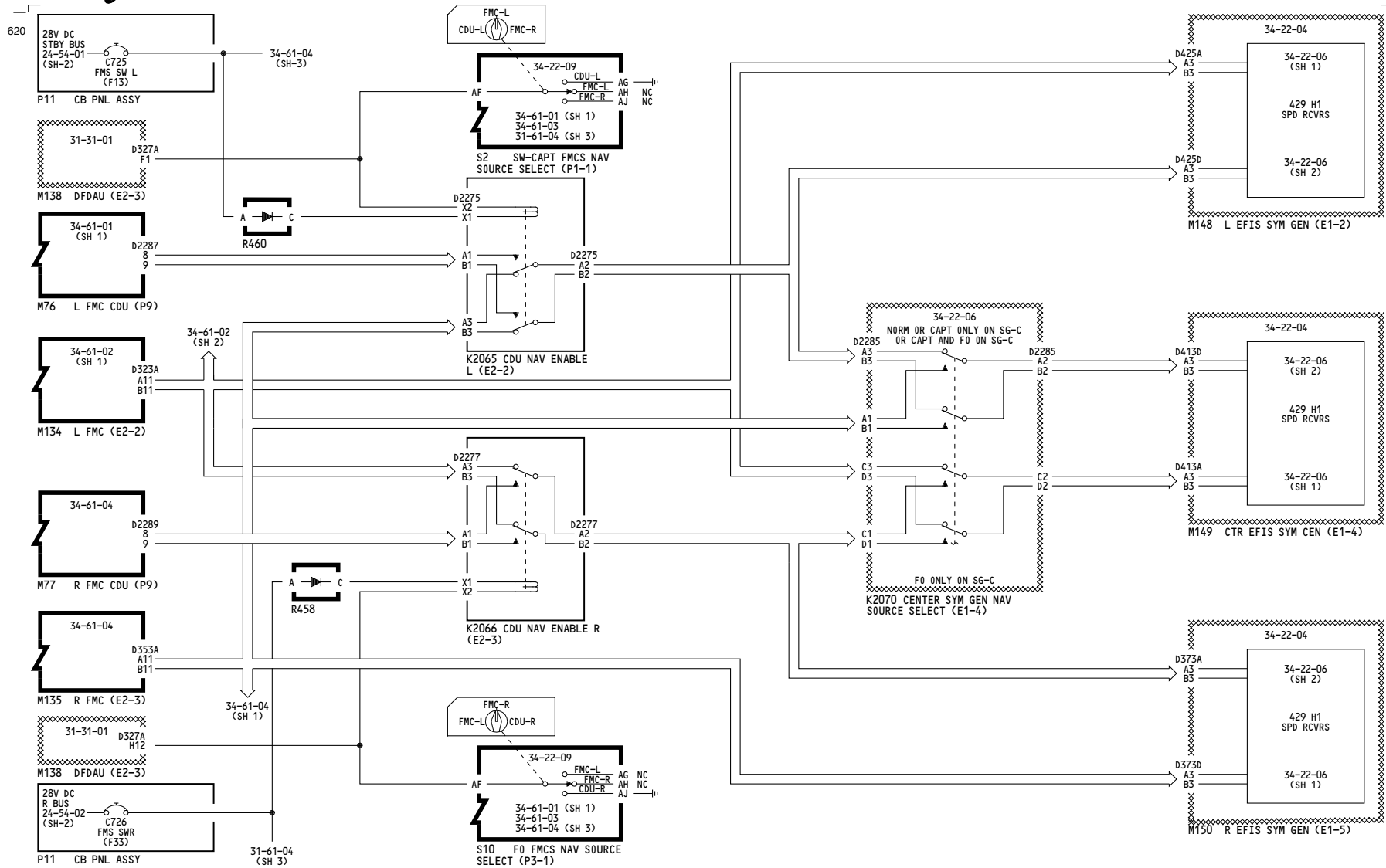


WIRING DIAGRAMS
34-61-21
34-61-25
34-61-26

34-61-04

NOTES:
1 NOT CONNECTED

050-099	<p>FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT</p> <p>D280T232</p>
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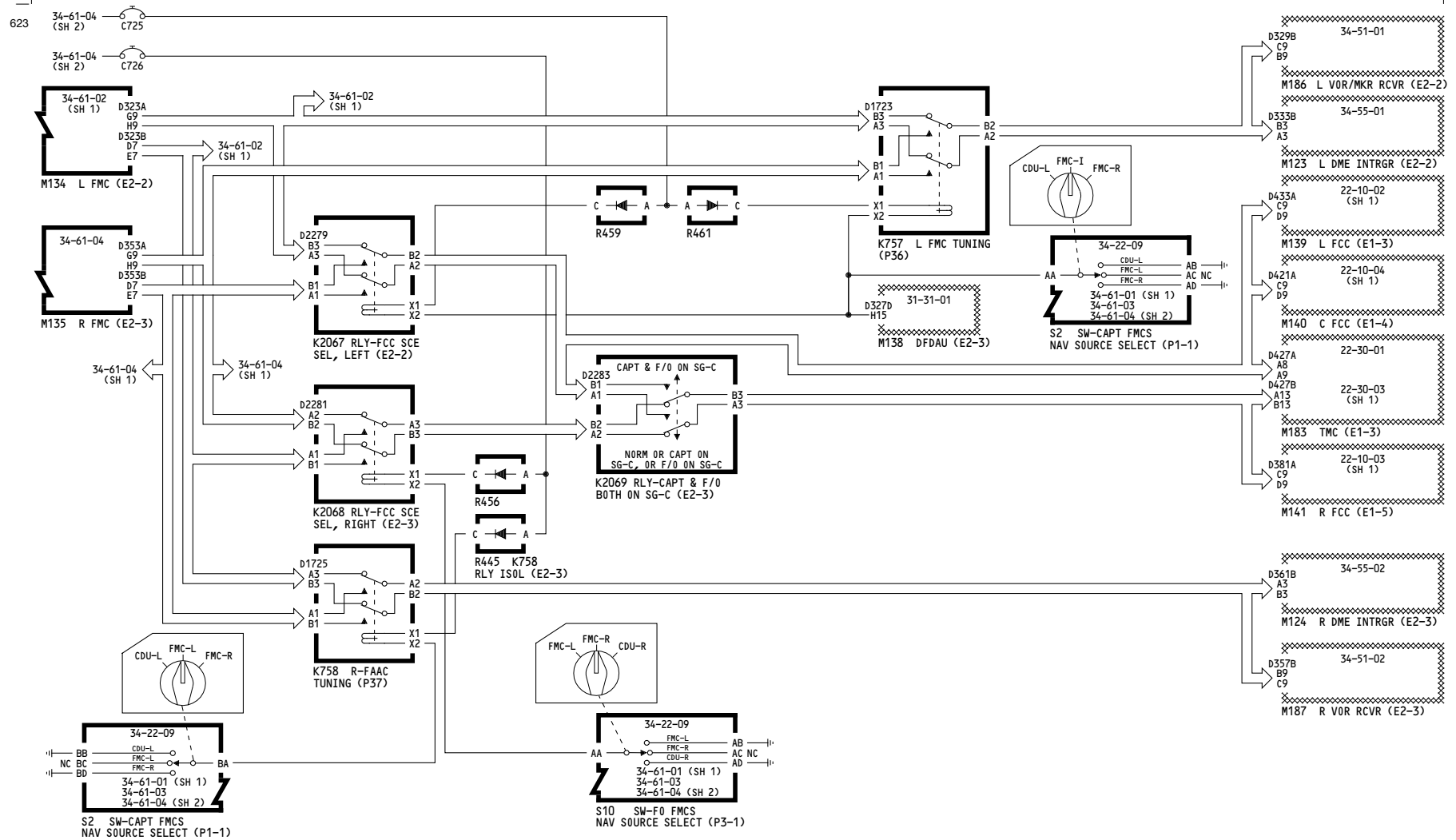


050-099

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

D280T232

34-61-04

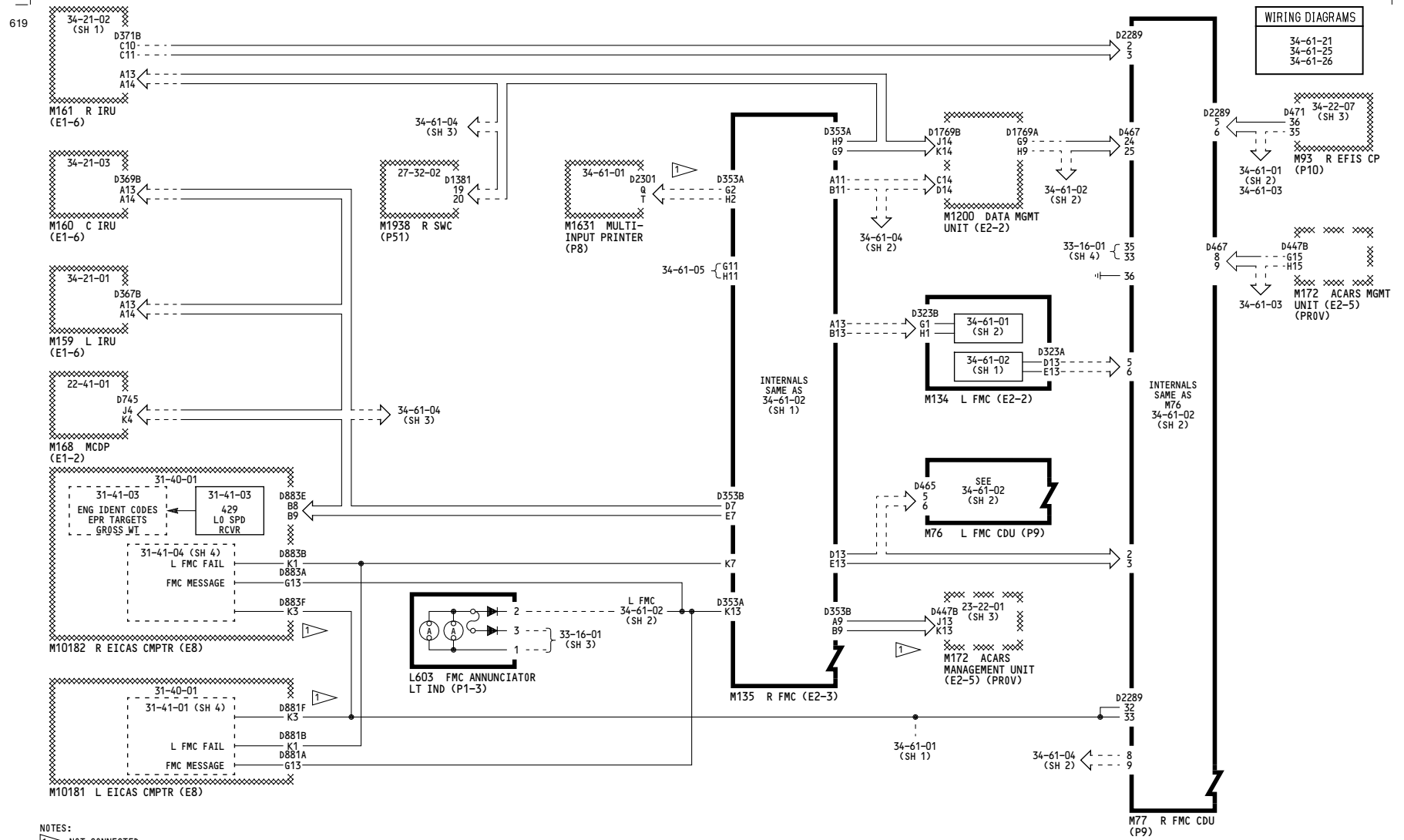


050-099

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

D280T232

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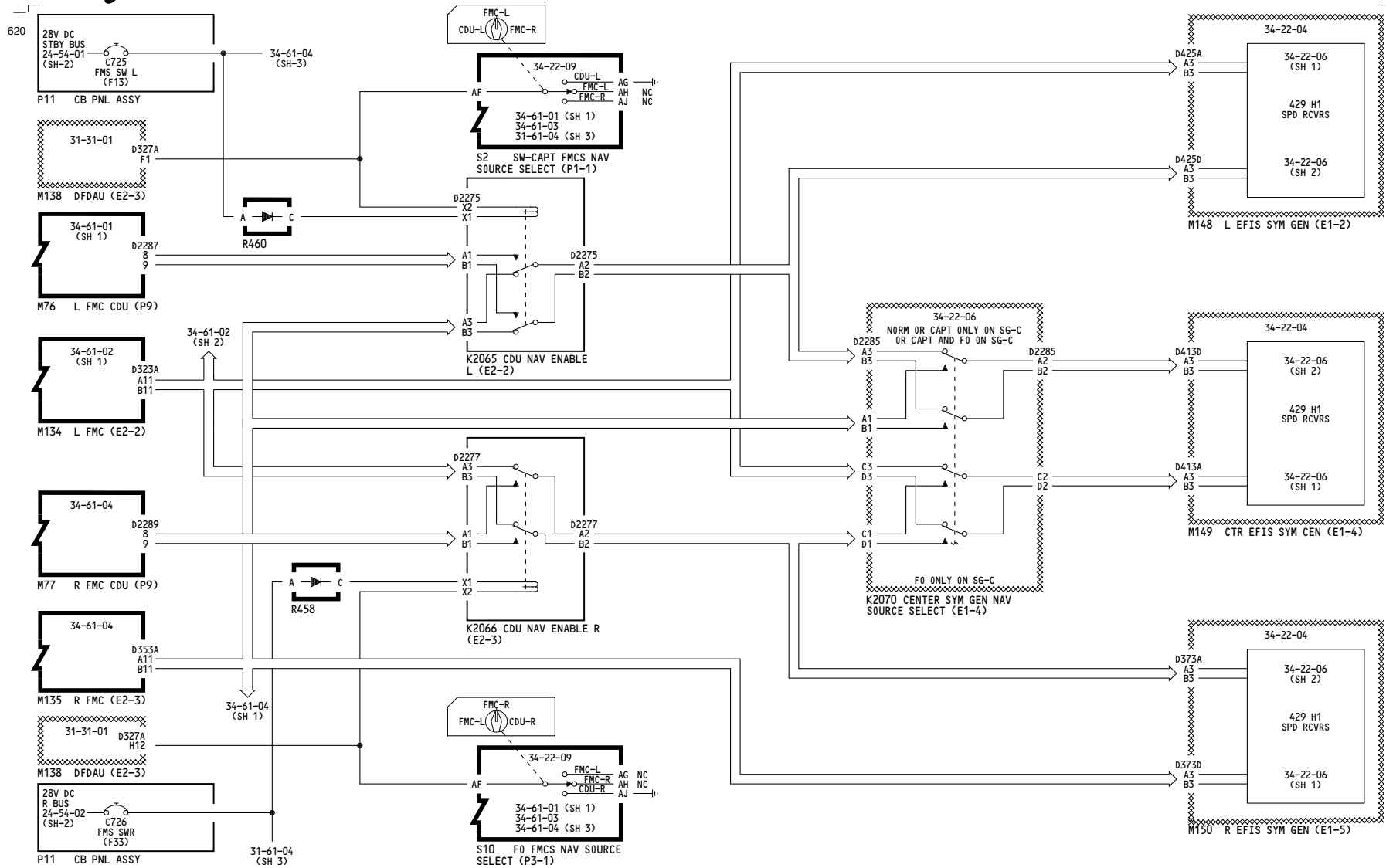


NOTES:
 1 NOT CONNECTED

050	<p>FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT</p> <p>D280T232</p>
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34-61-04

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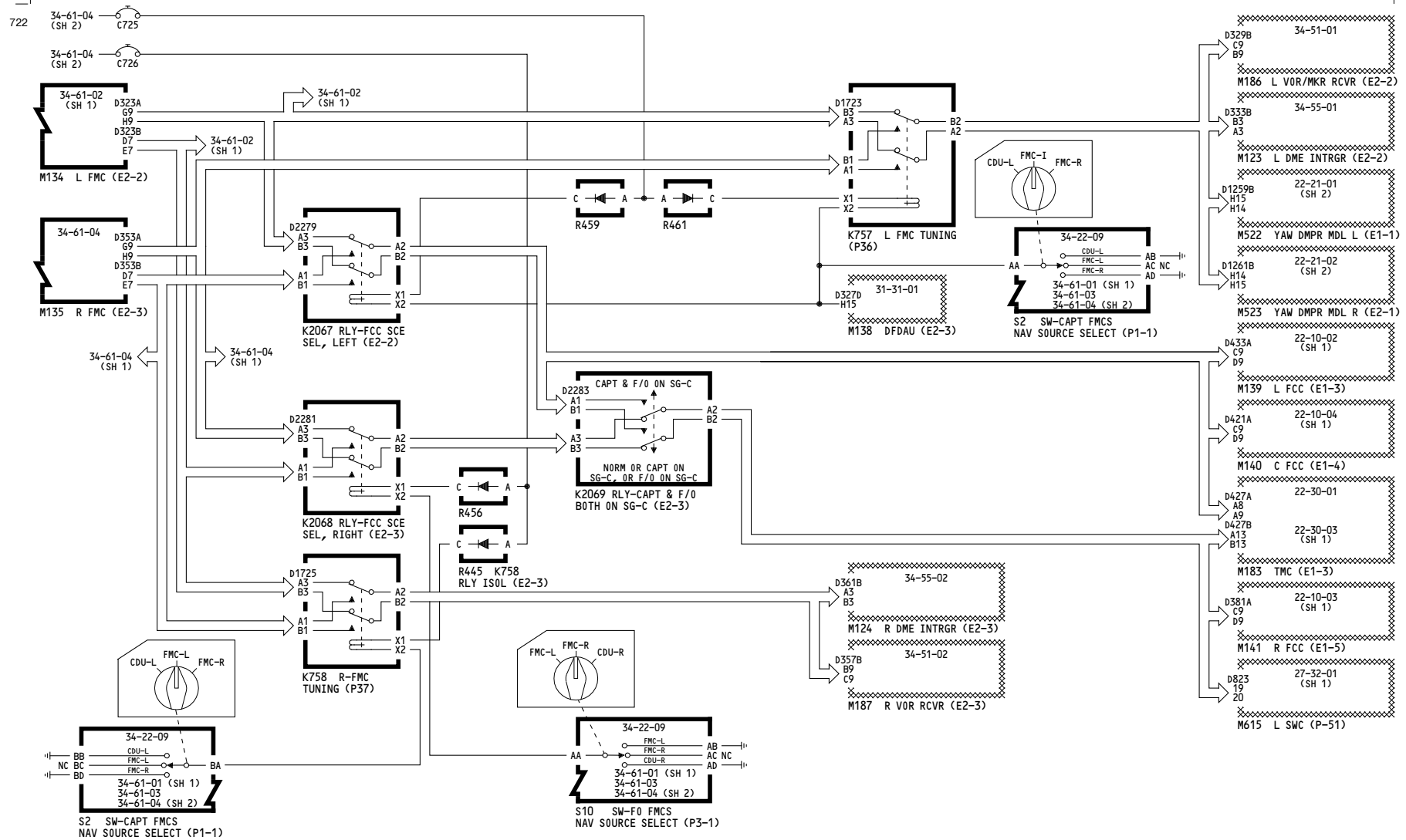
050

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

D280T232

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050

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

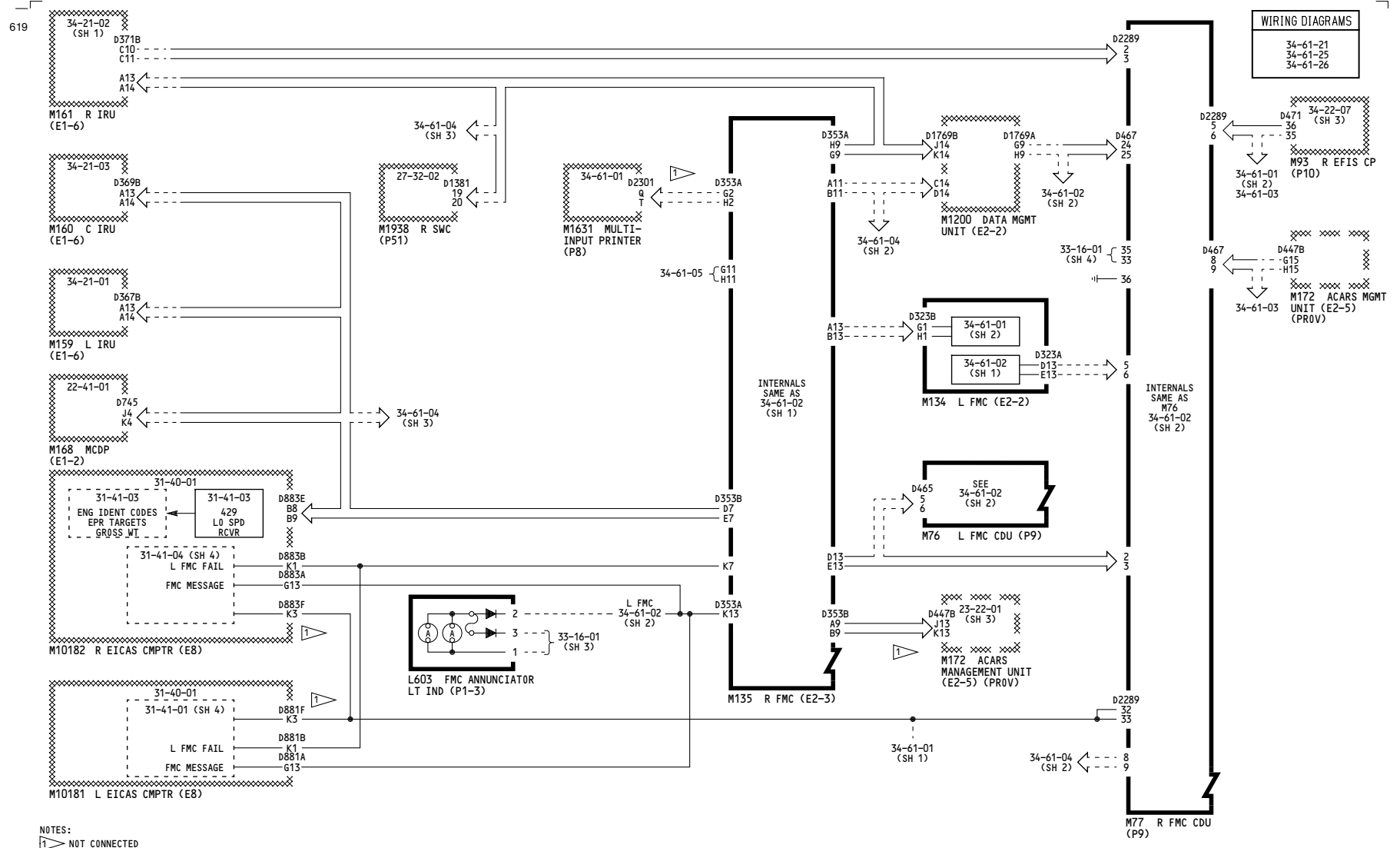
- Incorporates
- 22-0062
- 34-0253 R01

D280T232

34-61-04

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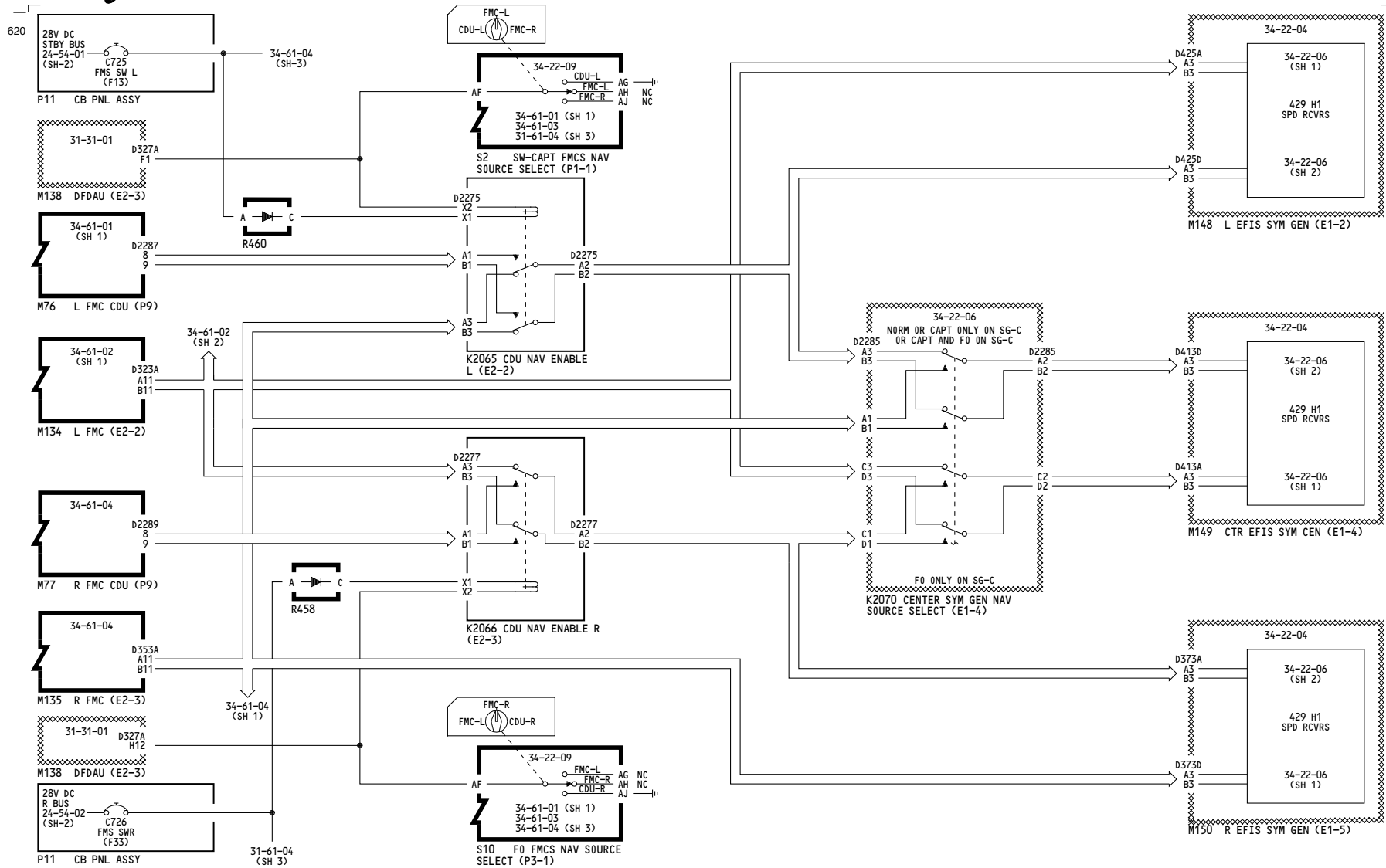


WIRING DIAGRAMS
34-61-21
34-61-25
34-61-26

NOTES:
1 NOT CONNECTED

051	FLIGHT MANAGEMENT COMPUTER OUTPUTS - RIGHT
	D280T232

34-61-04



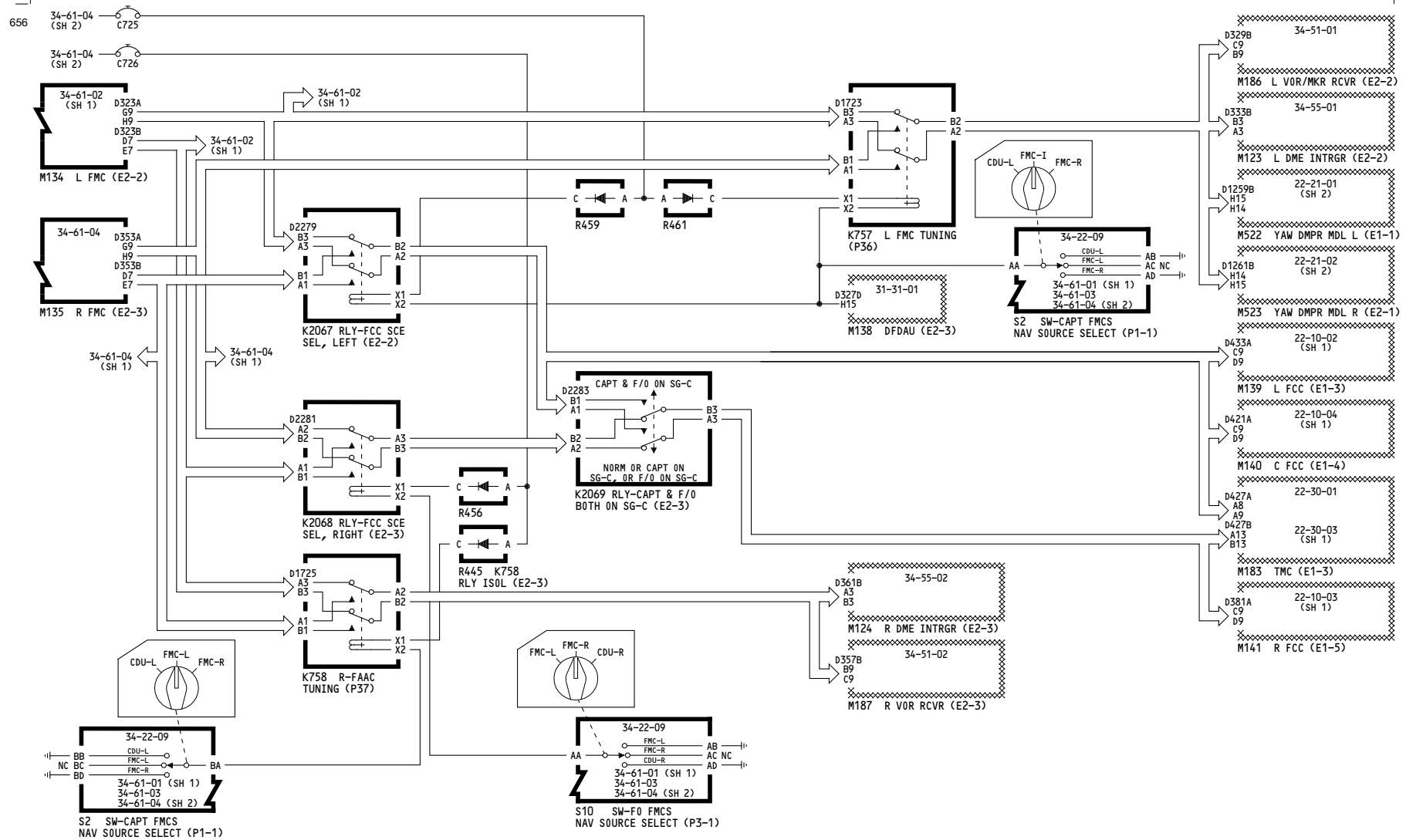
051

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

D280T232

34-61-04

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051

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

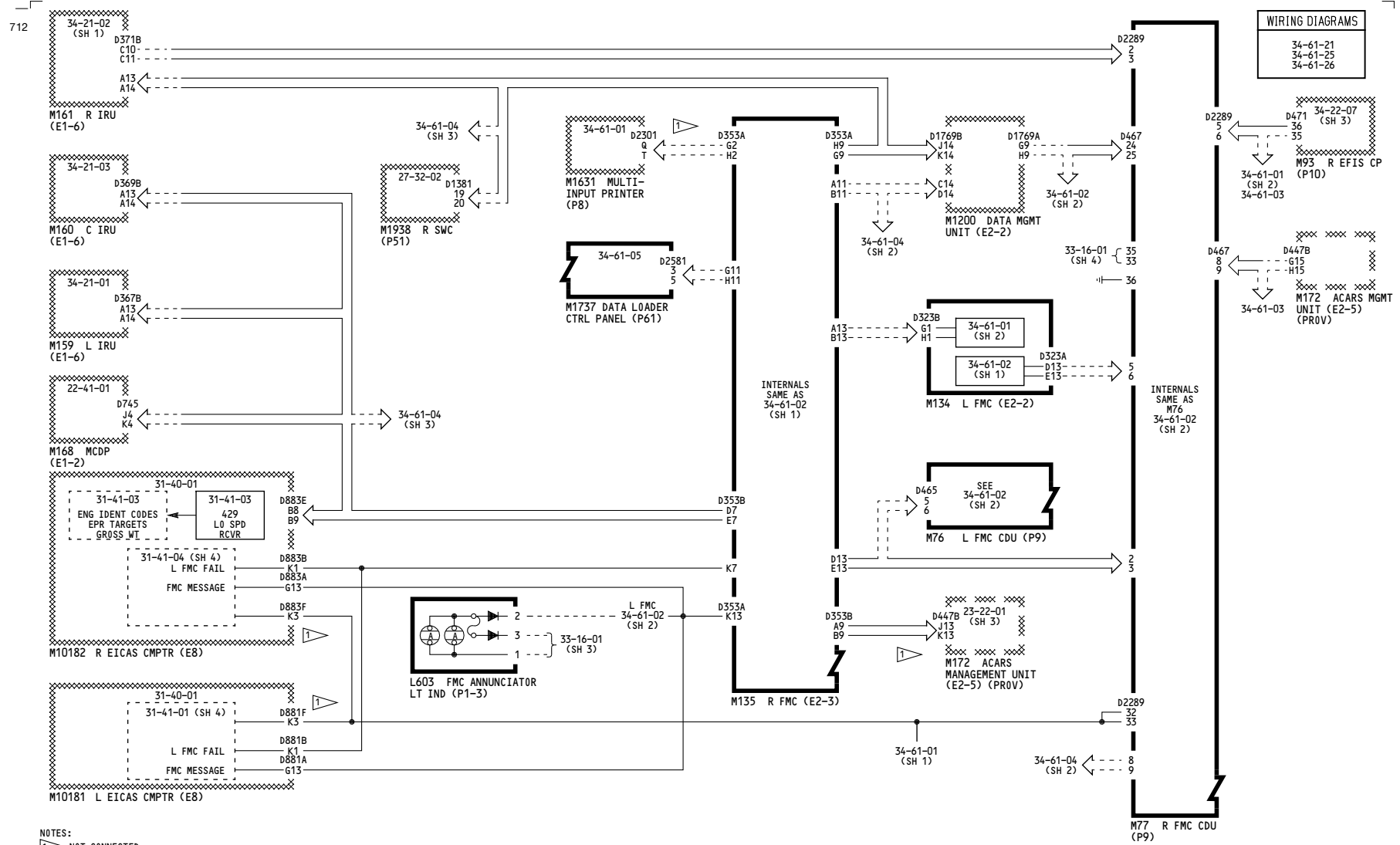
Incorporates
22-0062

D280T232

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WIRING DIAGRAMS
 34-61-21
 34-61-25
 34-61-26

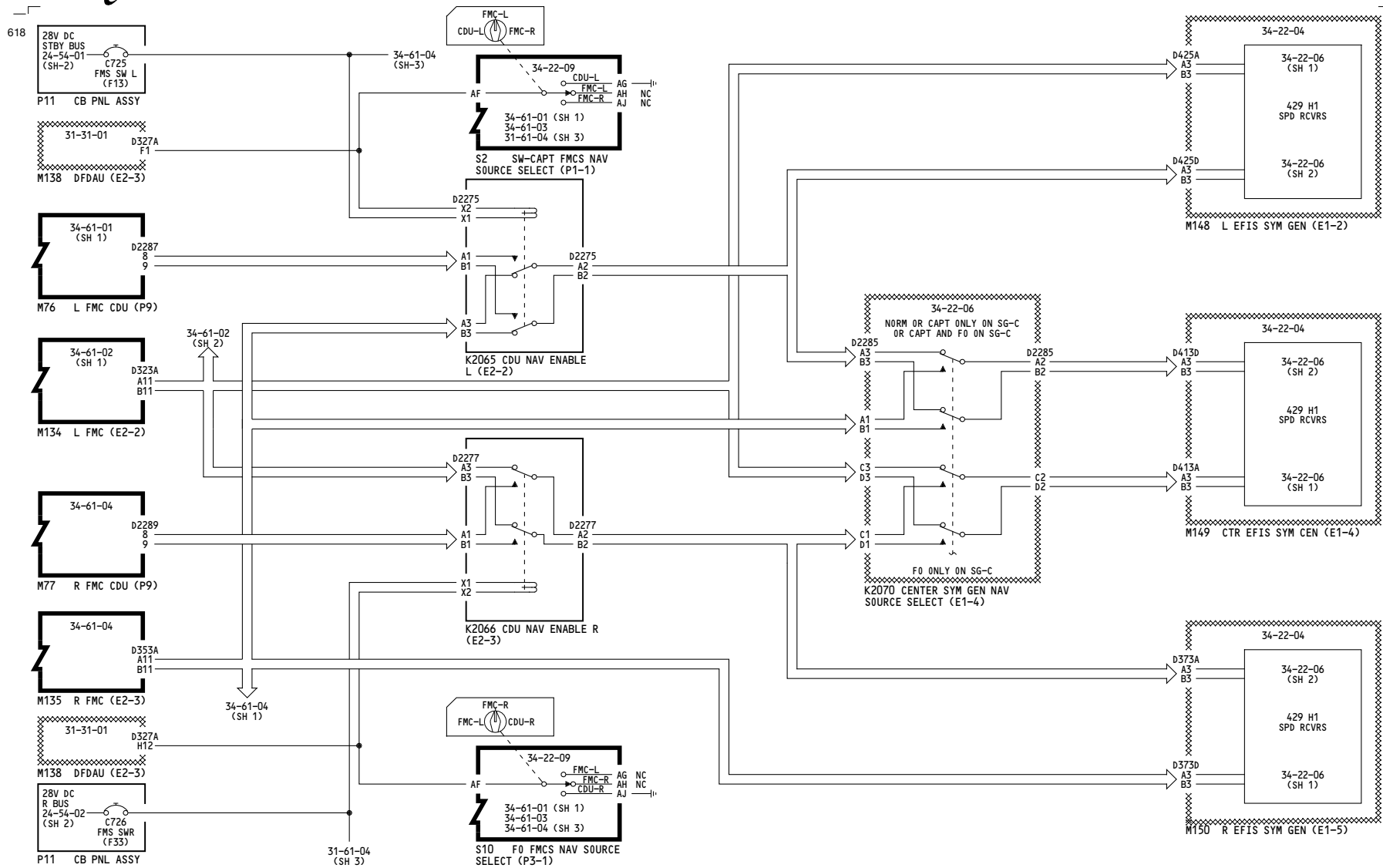
NOTES:
 1 NOT CONNECTED

150, 153-154	FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT D280T232
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Incorporates
 31-0031

34-61-04

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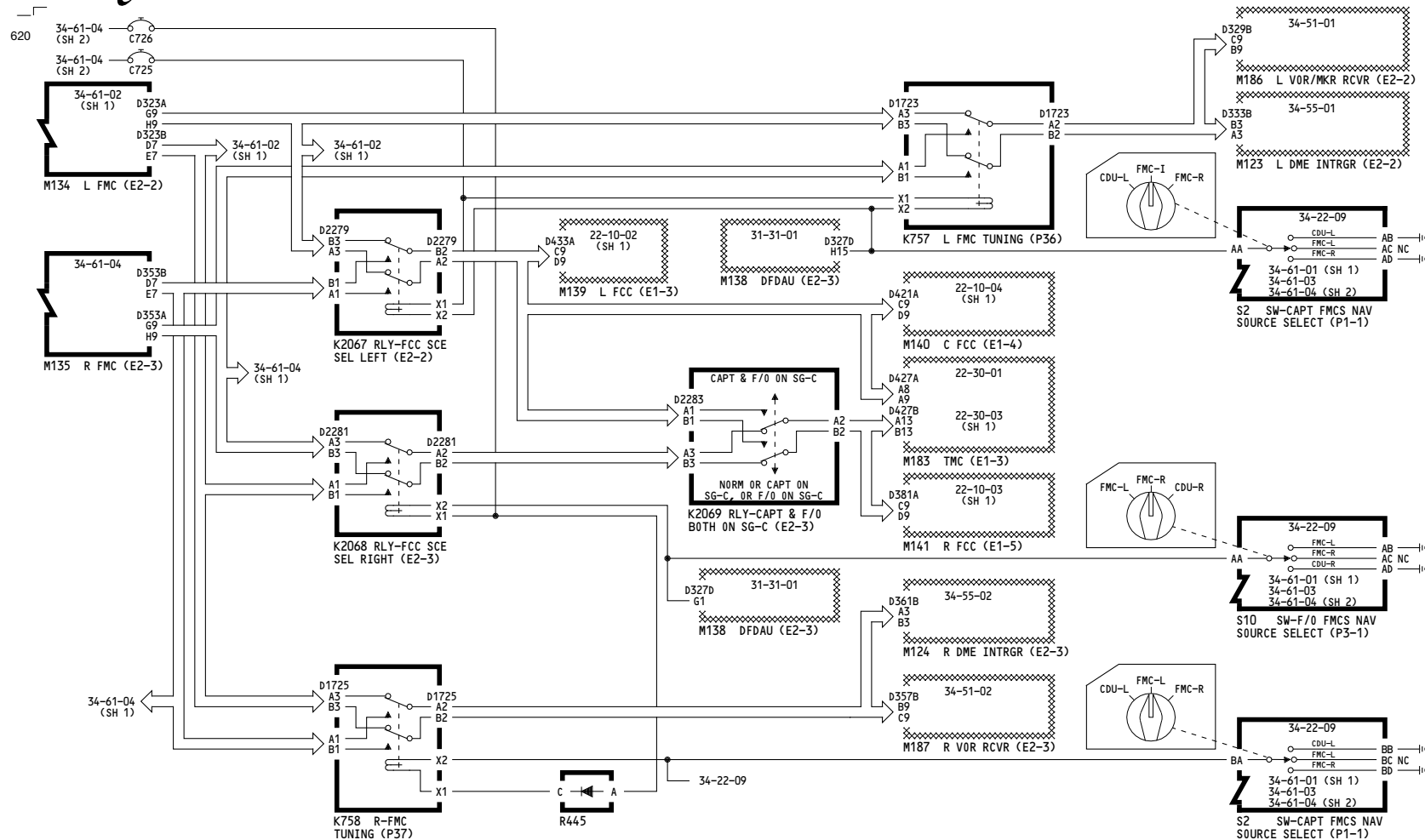
150, 153-154

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

D280T232

34-61-04

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Jan 21/2005

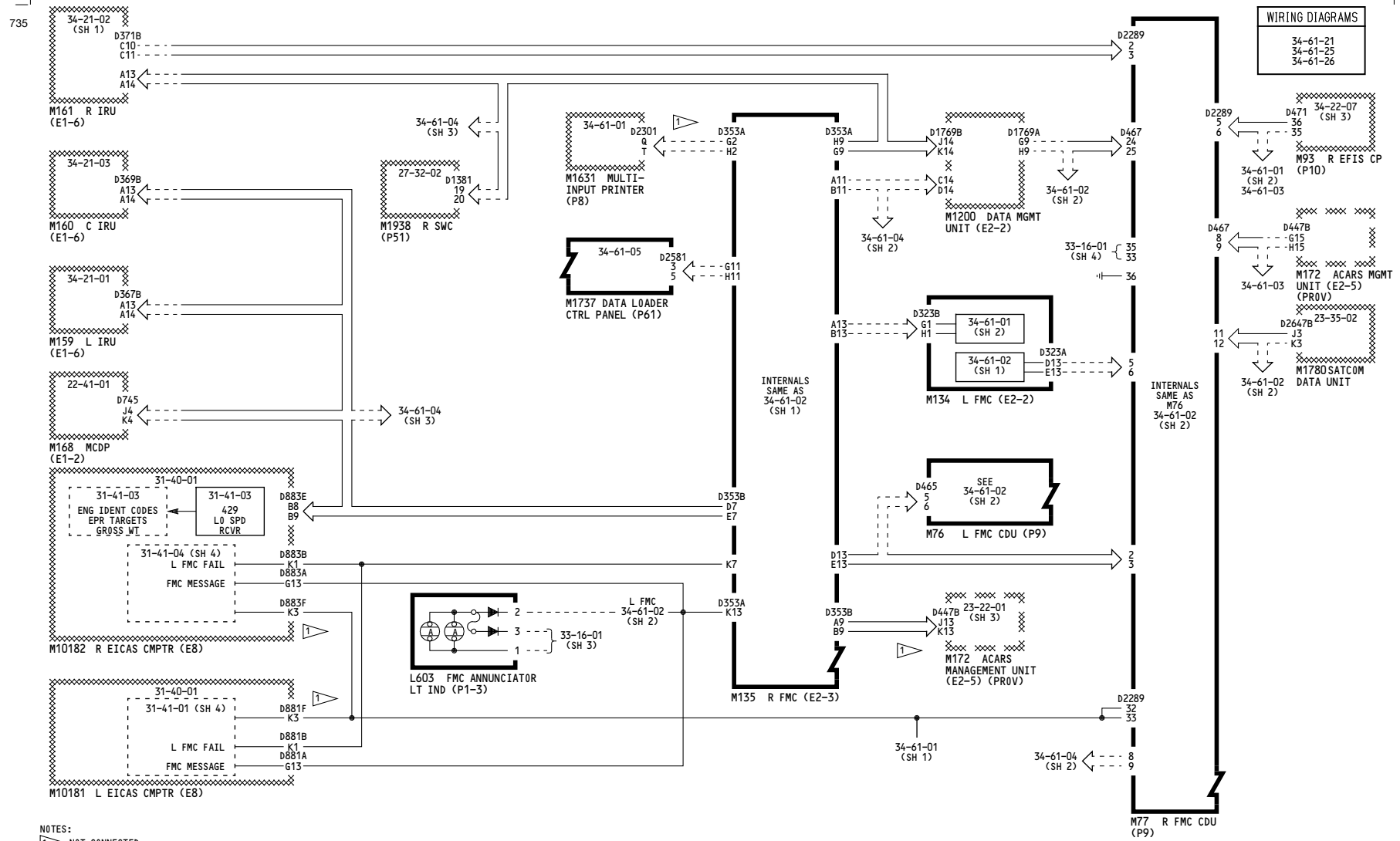


150, 153-154	FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT
	D280T232

34-61-04

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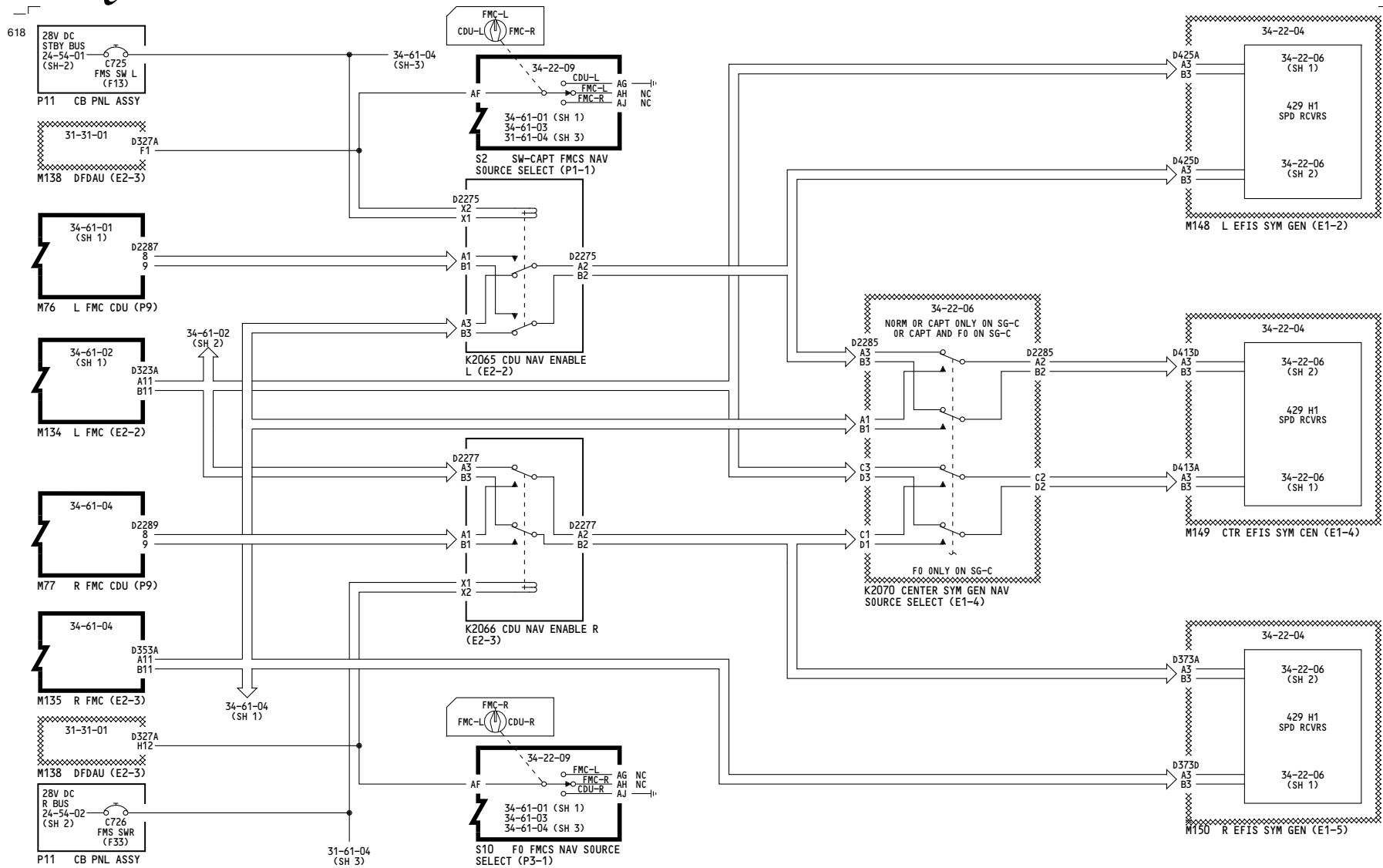
WIRING DIAGRAMS
 34-61-21
 34-61-25
 34-61-26

NOTES:
 [Triangle] NOT CONNECTED

150, 153-154	FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT	Incorporates 31-0031 MTO 230593
D280T232		

34-61-04

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 Sheet 1
 Jan 21/2005

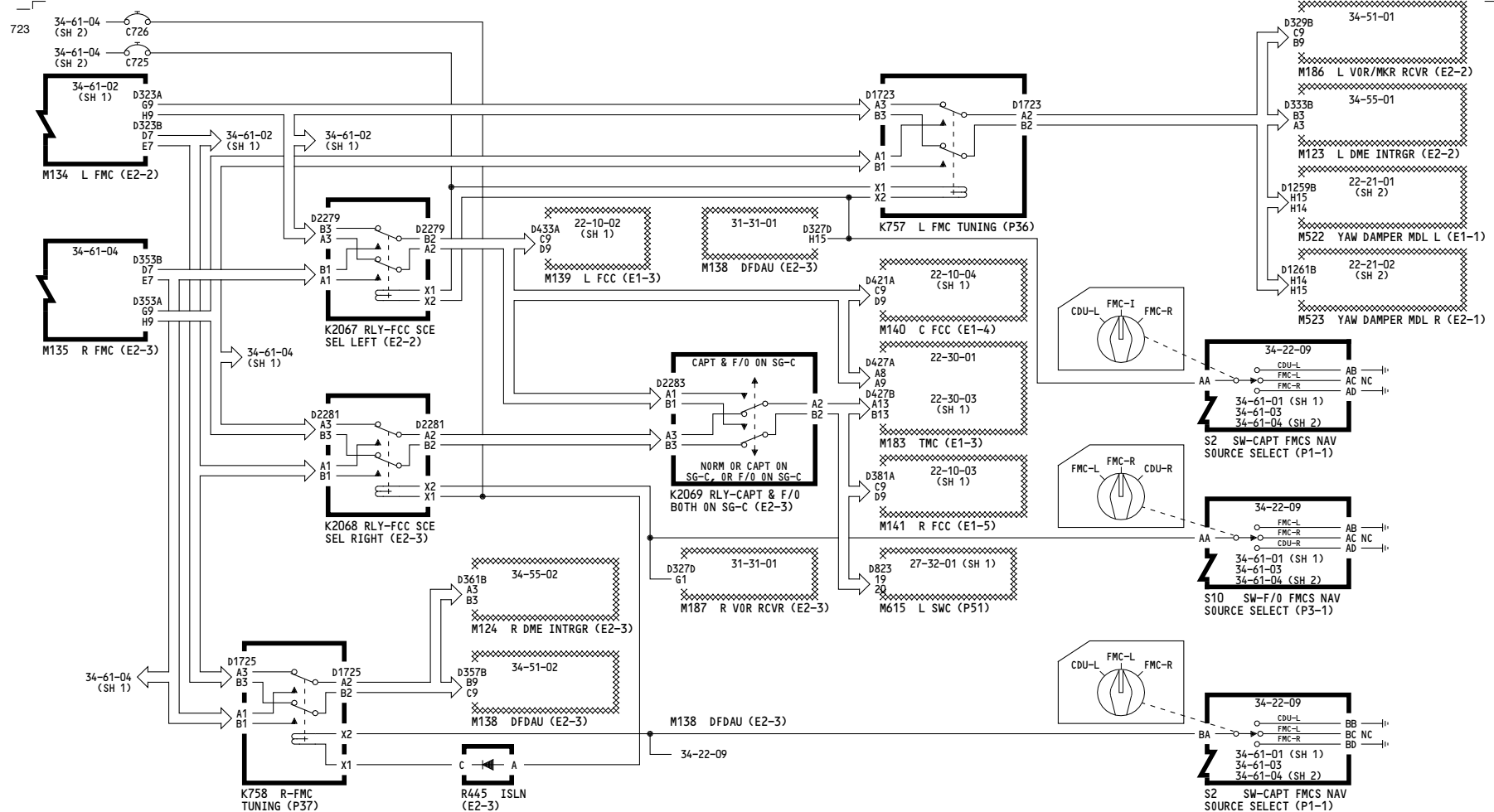


150, 153-154

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

D280T232

34-61-04



150, 153-154

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

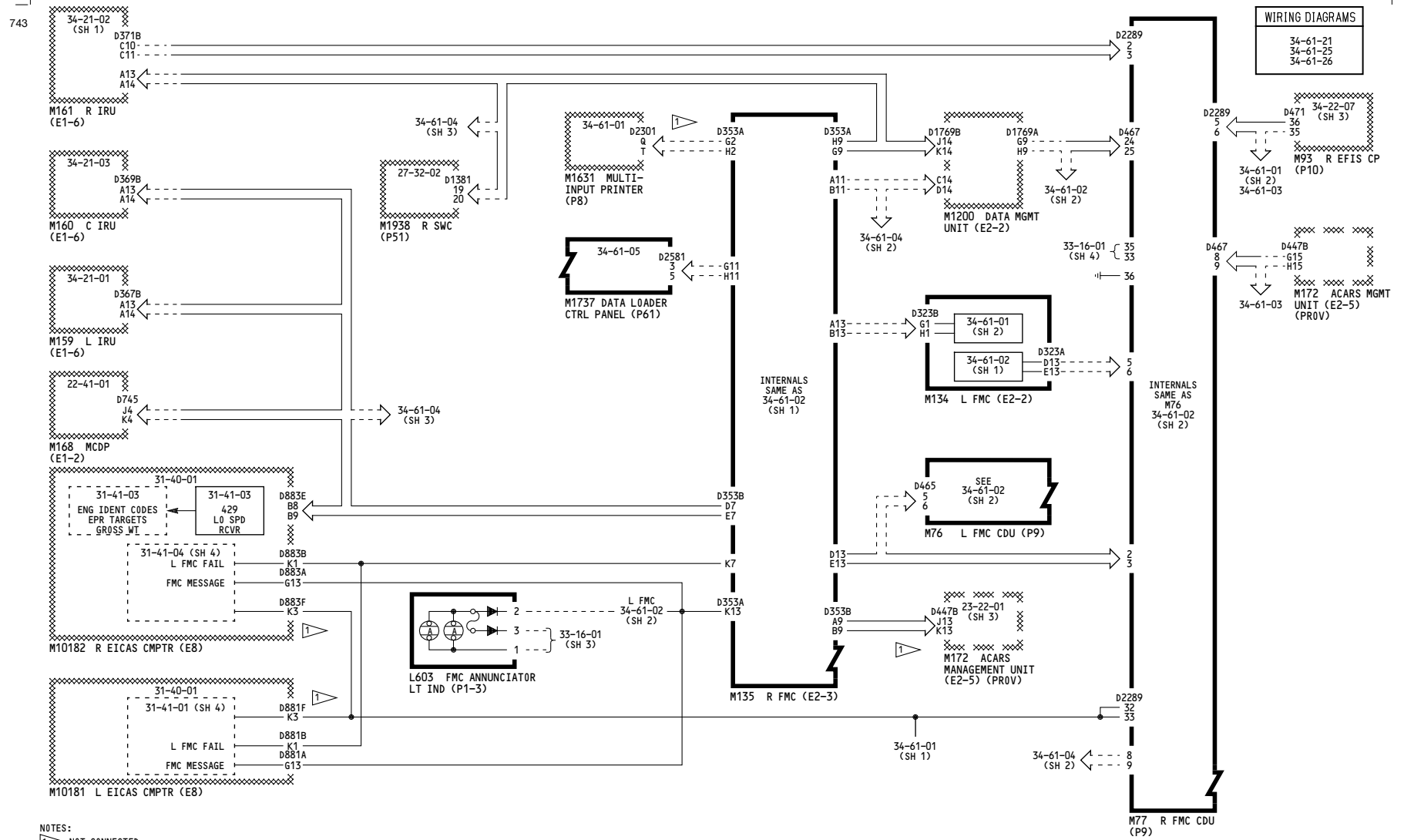
D280T232

- Incorporates**
- ▶ 22-0062
 - ▶ 34-0253 R01

34-61-04

Page 102.2A
Sheet 3
Jan 21/2005

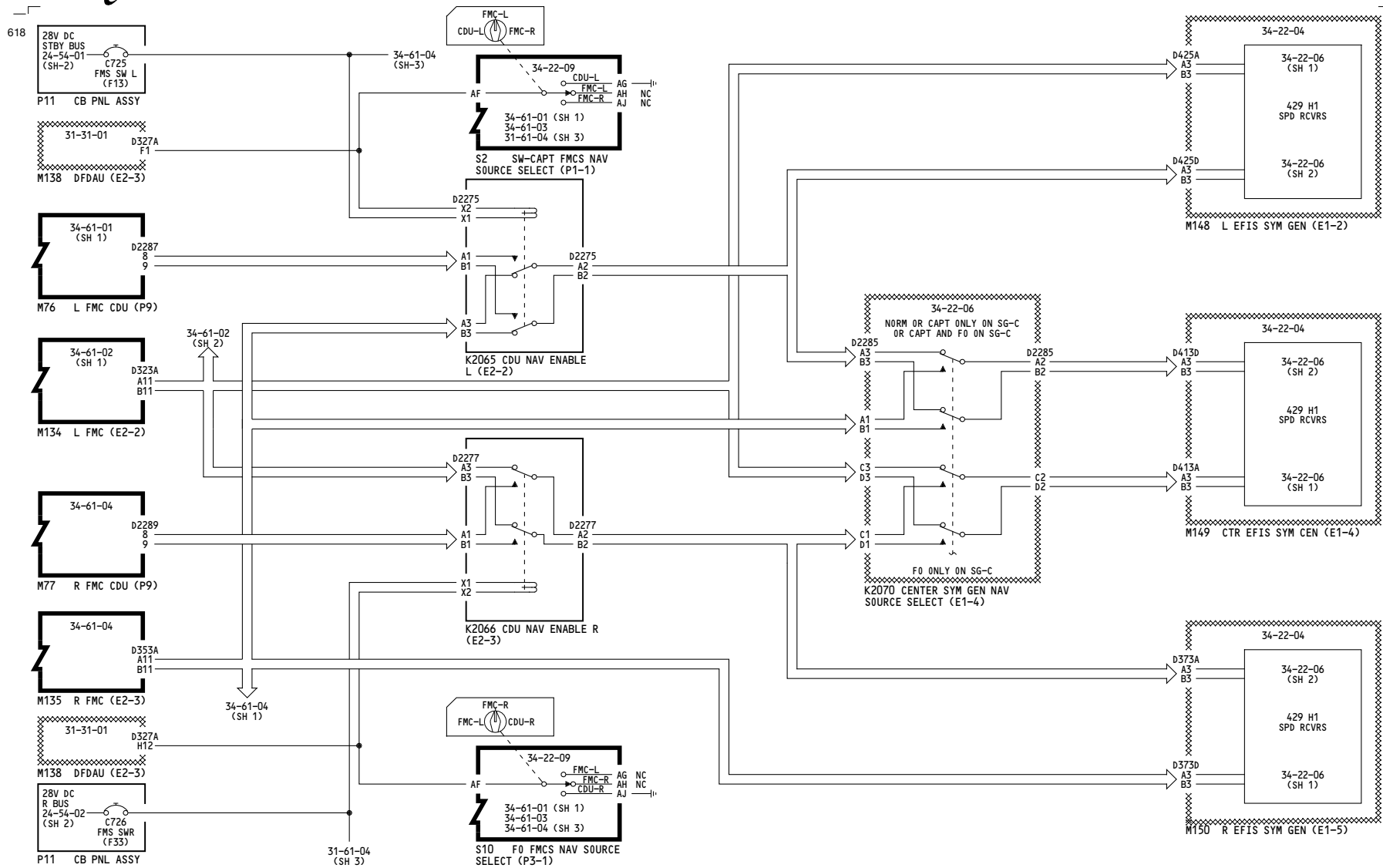
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NOTES:
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151-152	<p>FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT</p> <p>D280T232</p>	<p>Incorporates 31-0031</p>
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34-61-04



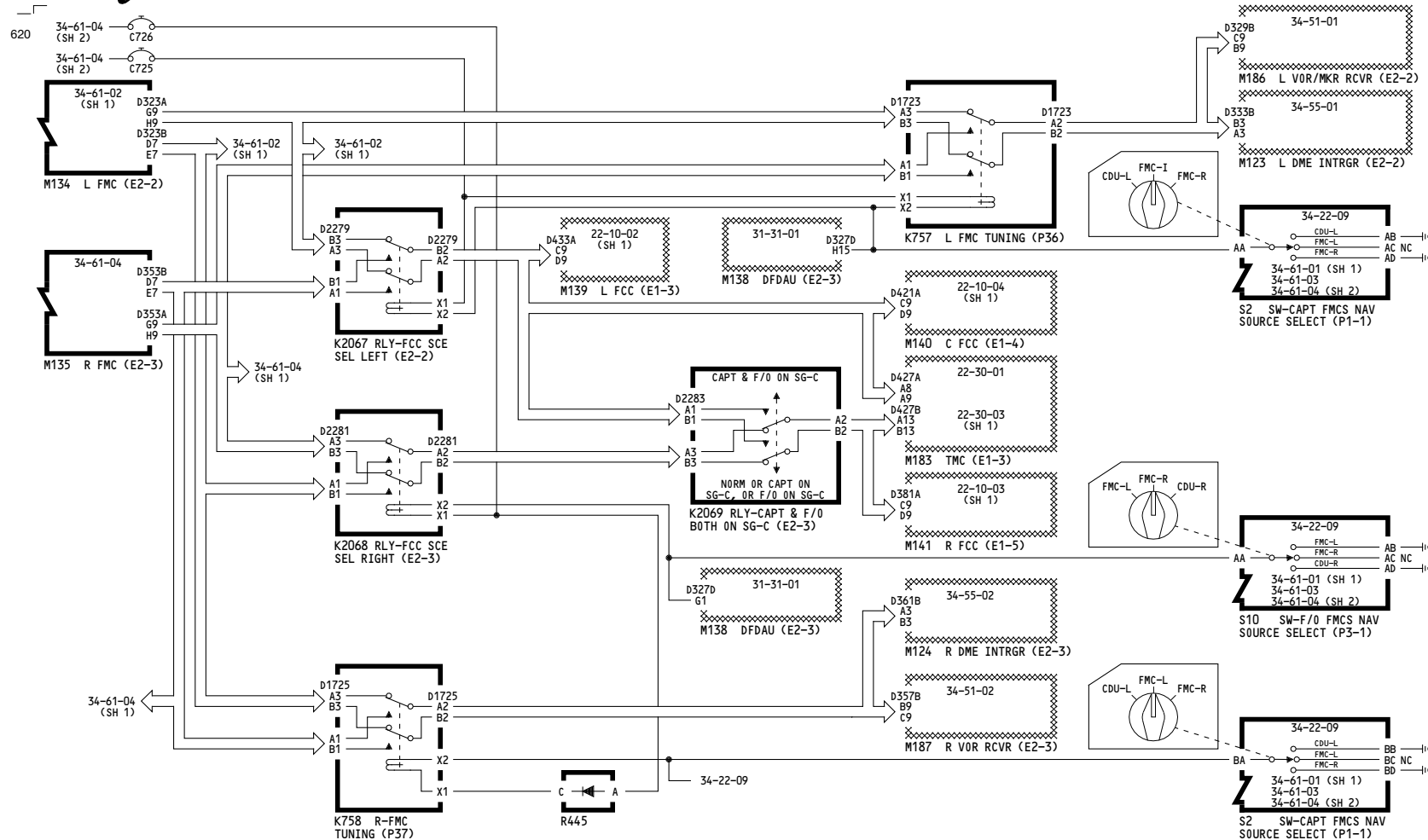
151-152

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

D280T232

34-61-04

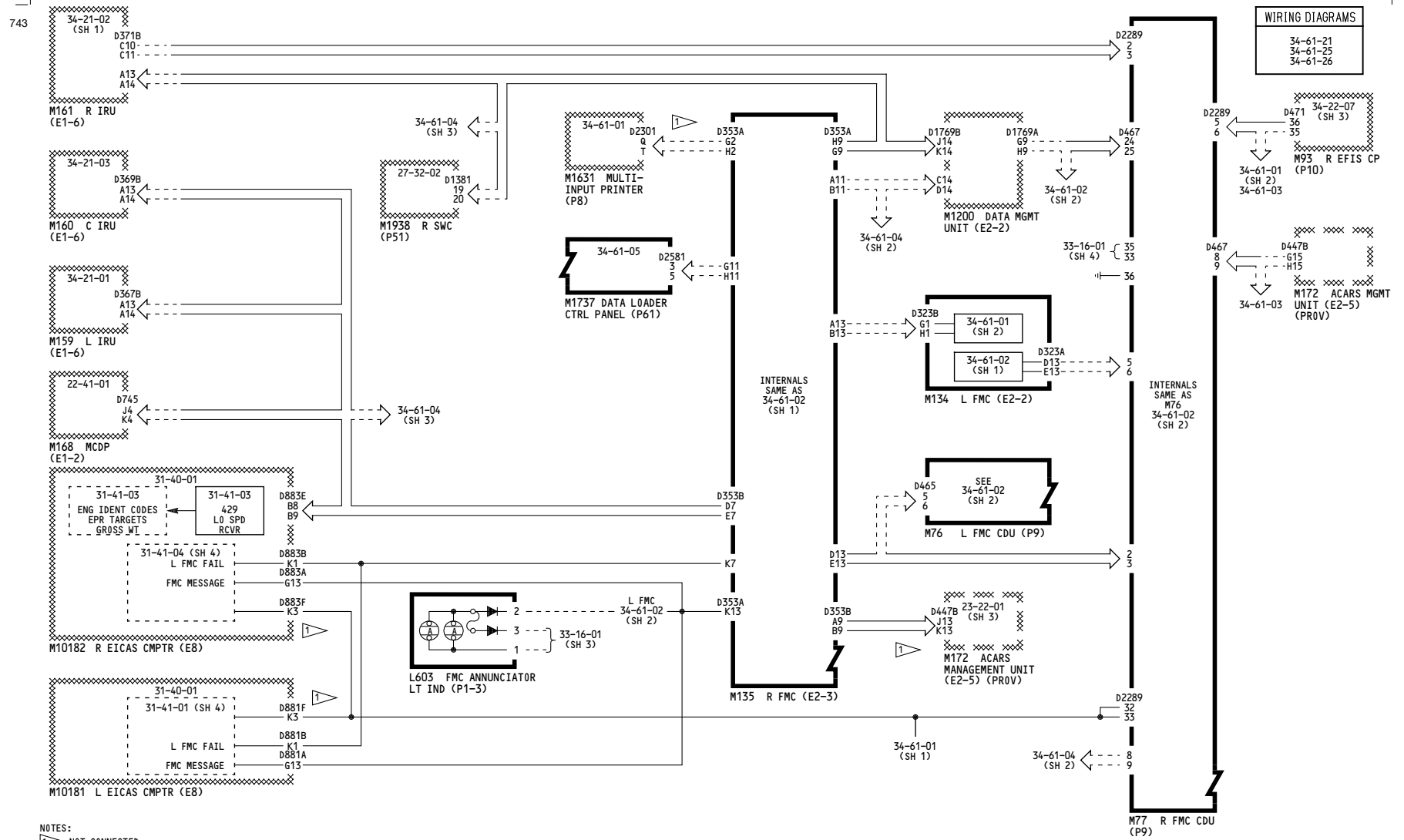
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151-152	<p align="center">FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT</p> <p align="center">D280T232</p>
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34-61-04

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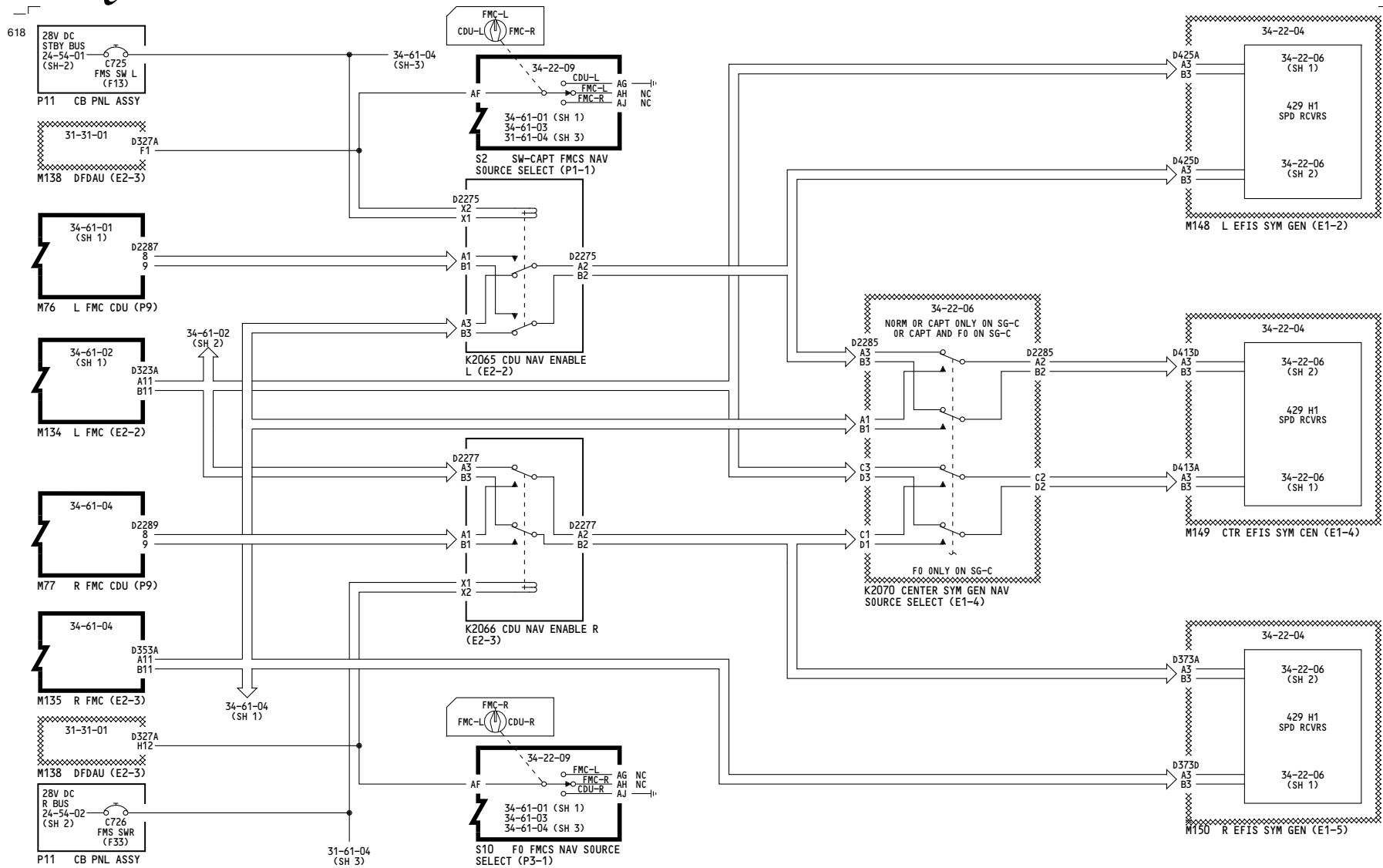


NOTES:
 1 NOT CONNECTED

151	FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT	Incorporates 31-0031
D280T232		

34-61-04

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 Sheet 1
 Jan 21/2005



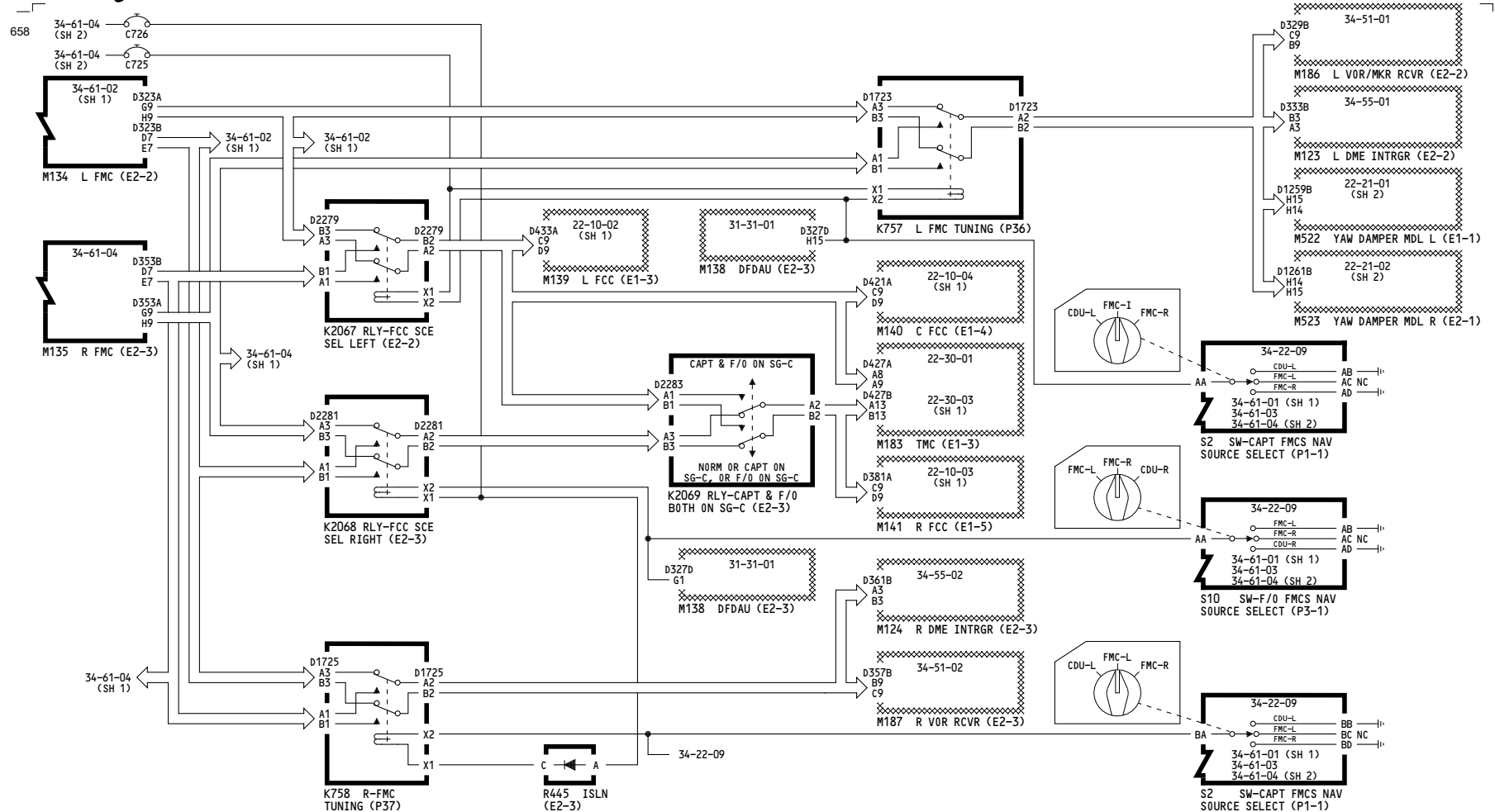
151

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

D280T232

34-61-04

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Sheet 2
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151

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

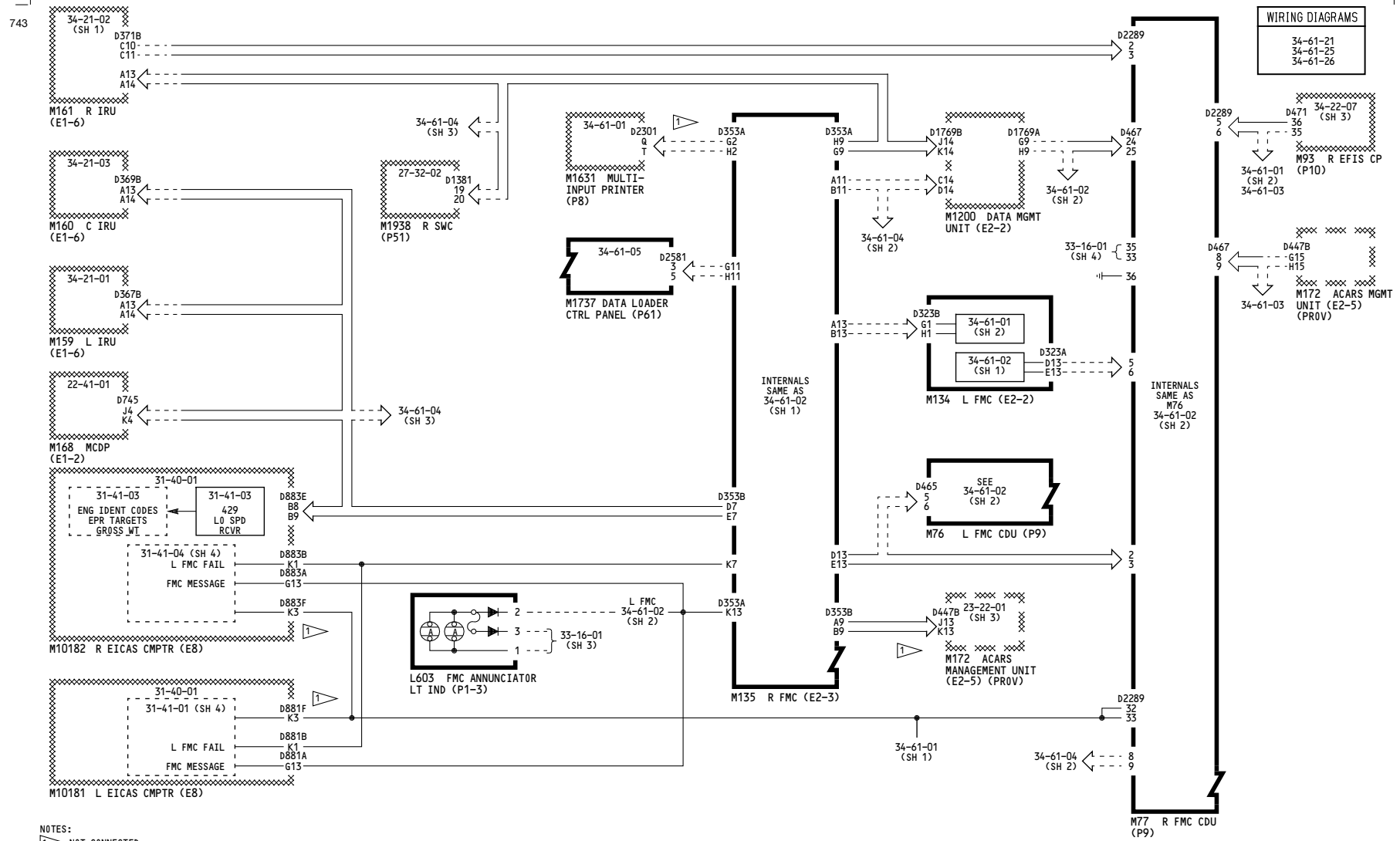
Incorporates
22-0062

D280T232

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WIRING DIAGRAMS
 34-61-21
 34-61-25
 34-61-26

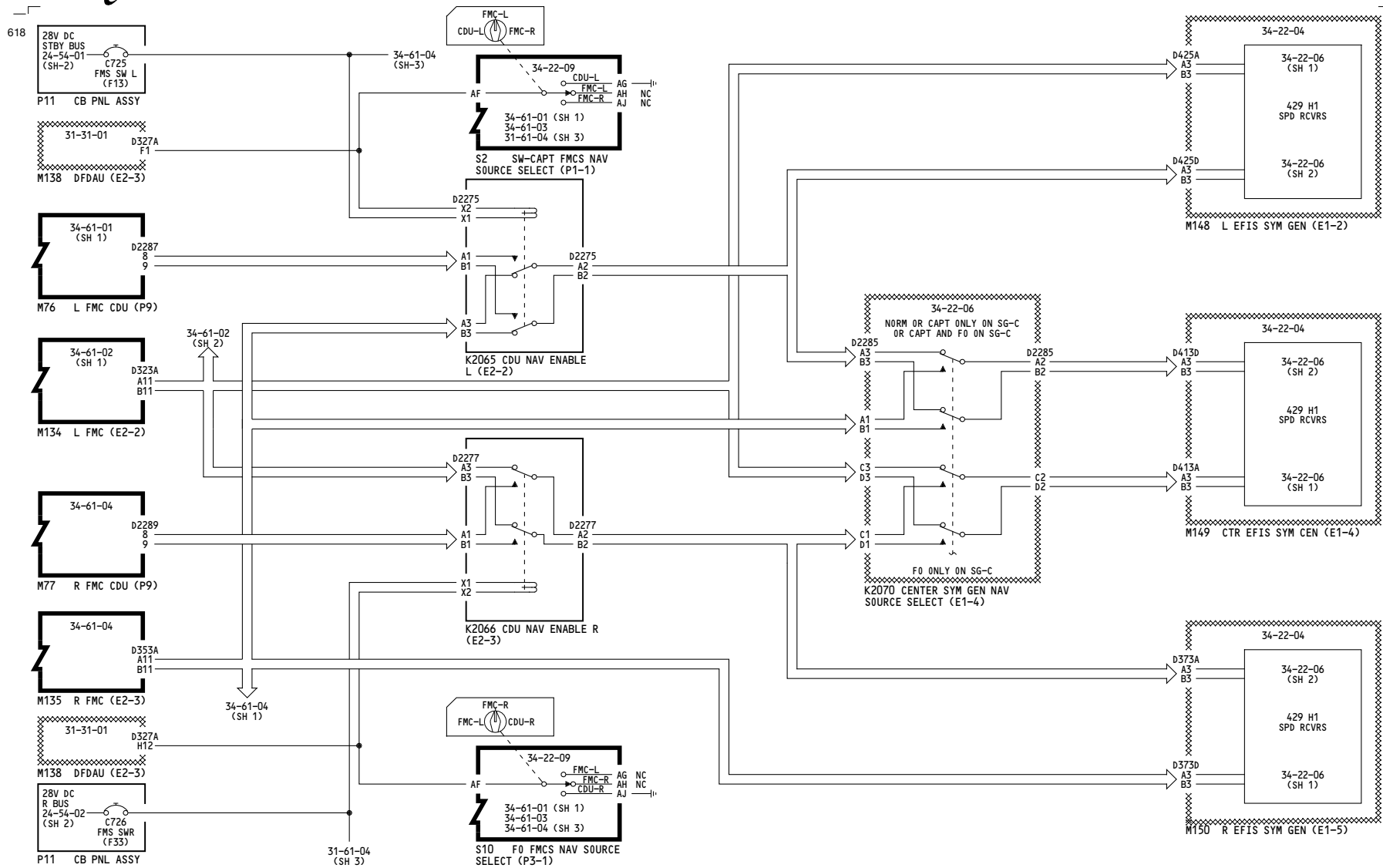
NOTES:
 1 NOT CONNECTED

152	<p>FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT</p> <p style="text-align: center;">D280T232</p>
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Incorporates
 31-0031

34-61-04

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 Jan 21/2005

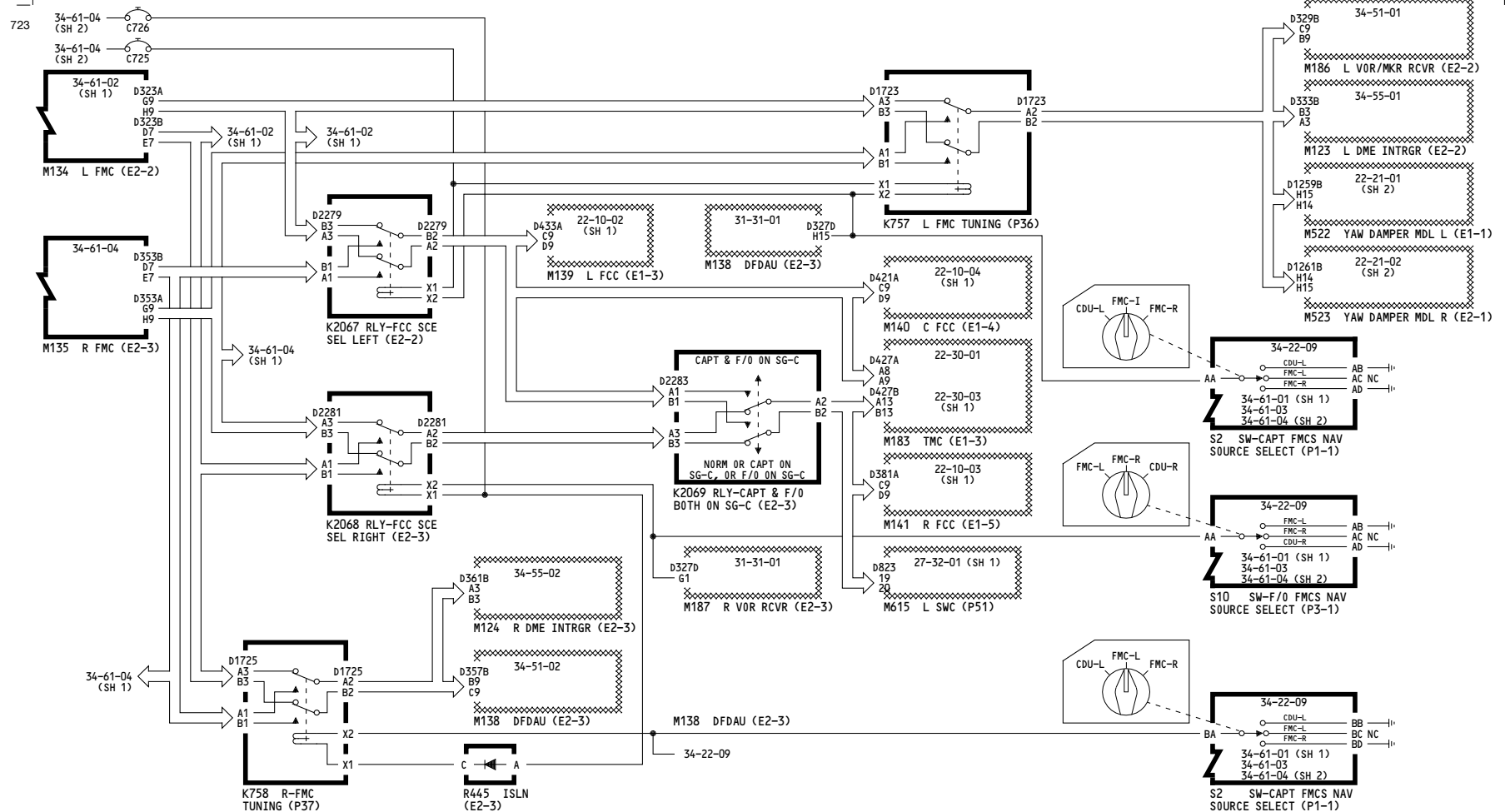


152

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

D280T232

34-61-04



152

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

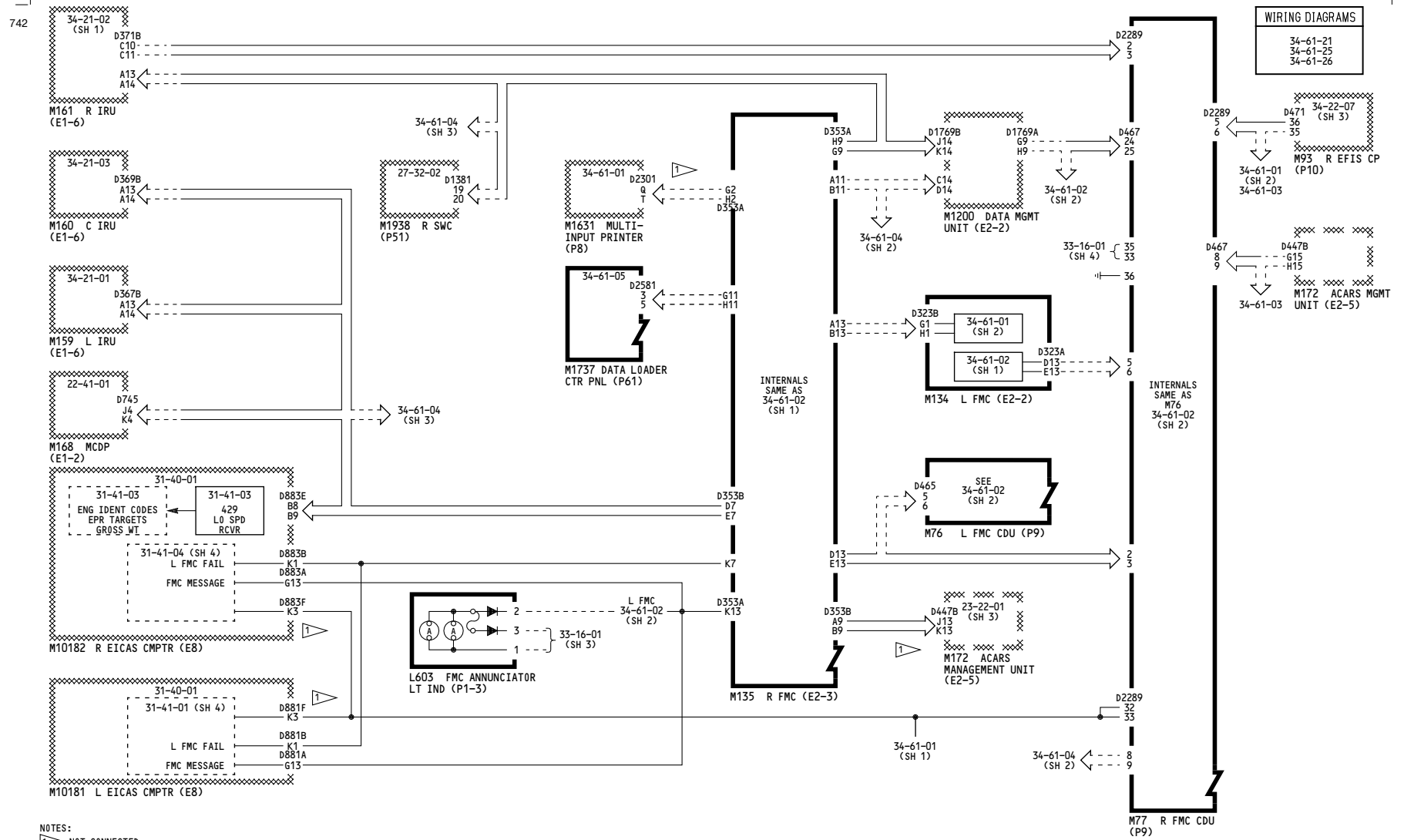
- Incorporates
- ▬ 22-0062
 - ▬ 34-0253 R01

D280T232

34-61-04

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Sheet 3
Jan 21/2005

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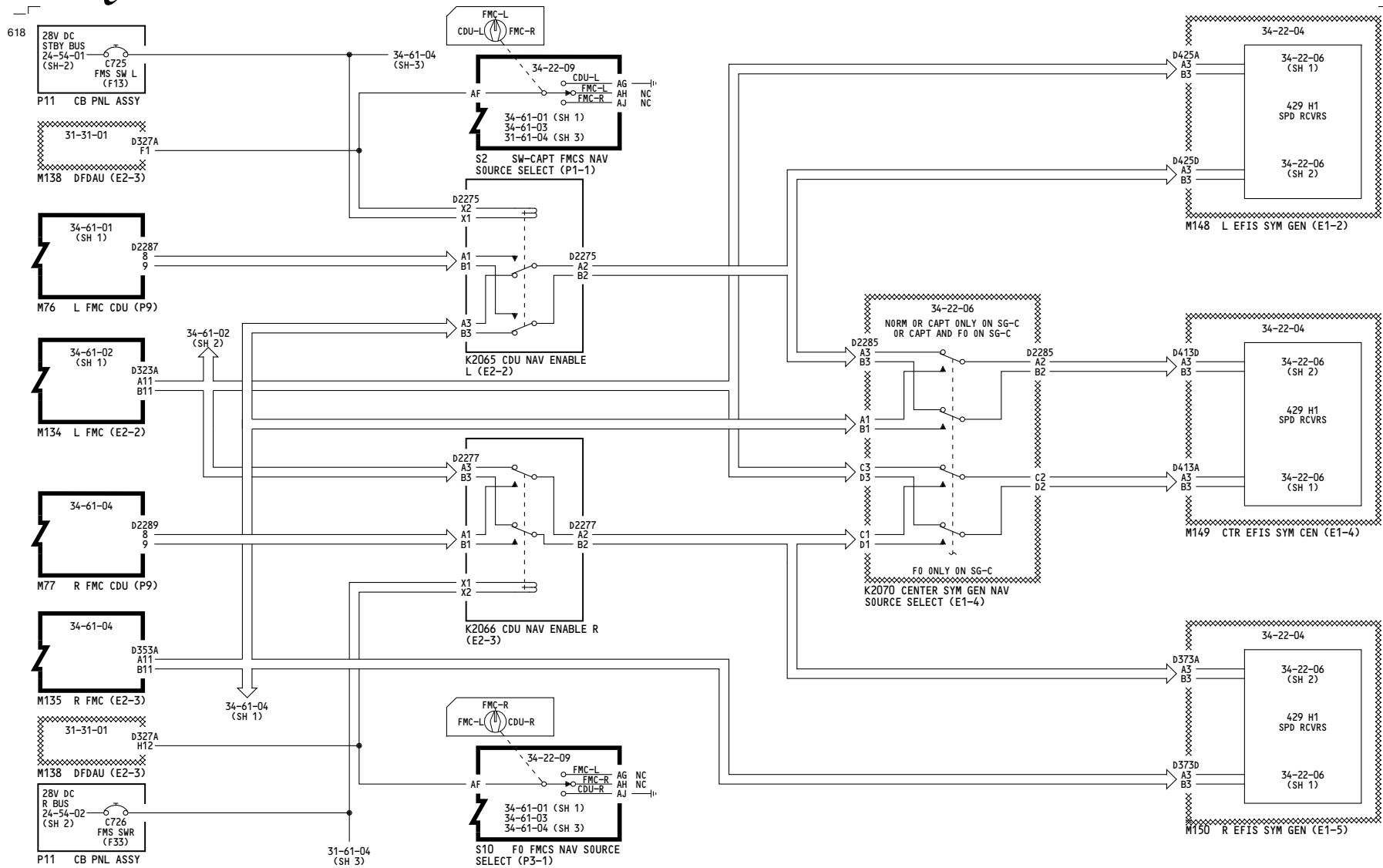
155, 162

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

D280T232

34-61-04

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Sheet 1
Jan 21/2005

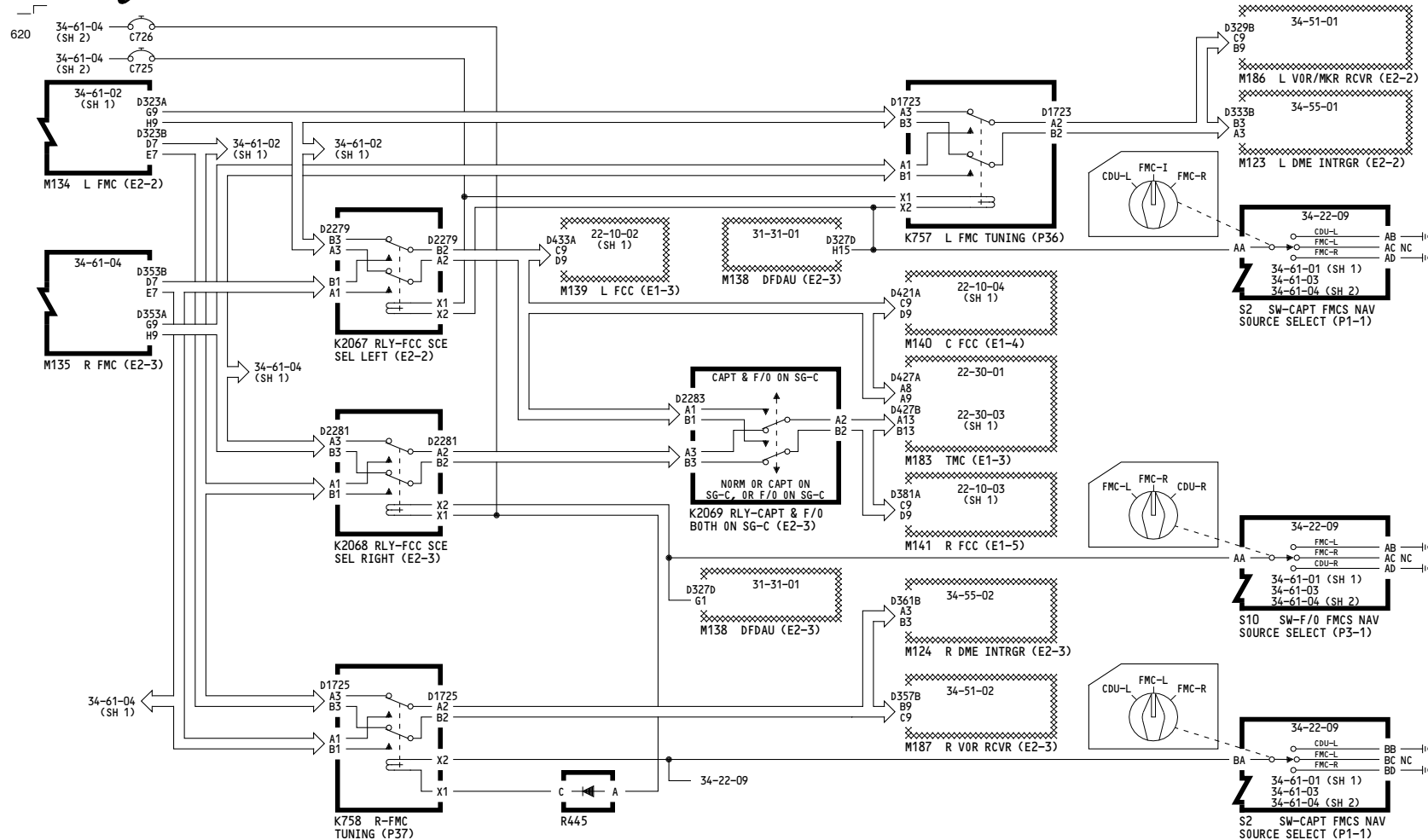


155, 162

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

D280T232

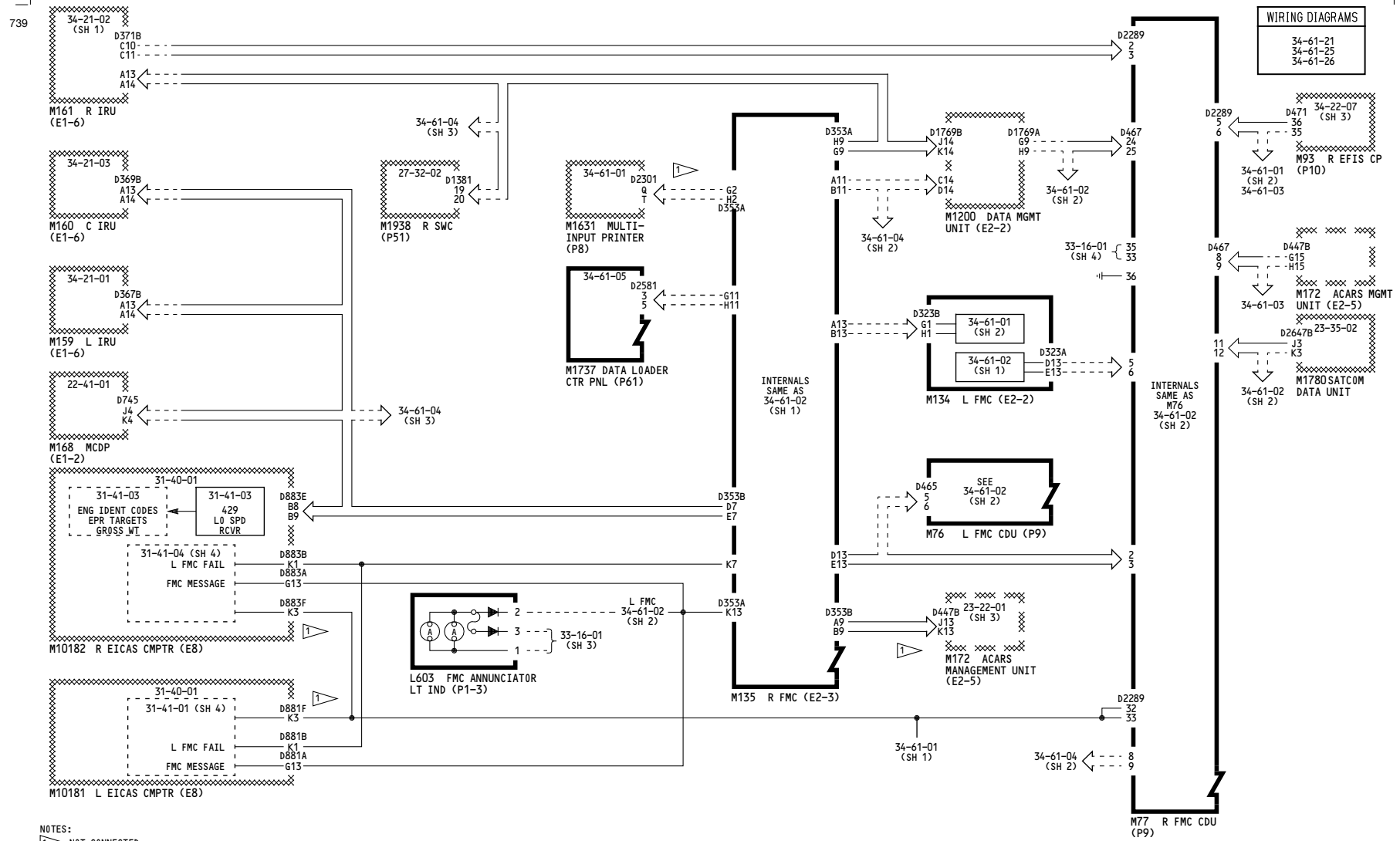
34-61-04



155, 162	<p>FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT</p> <p>D280T232</p>
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34-61-04

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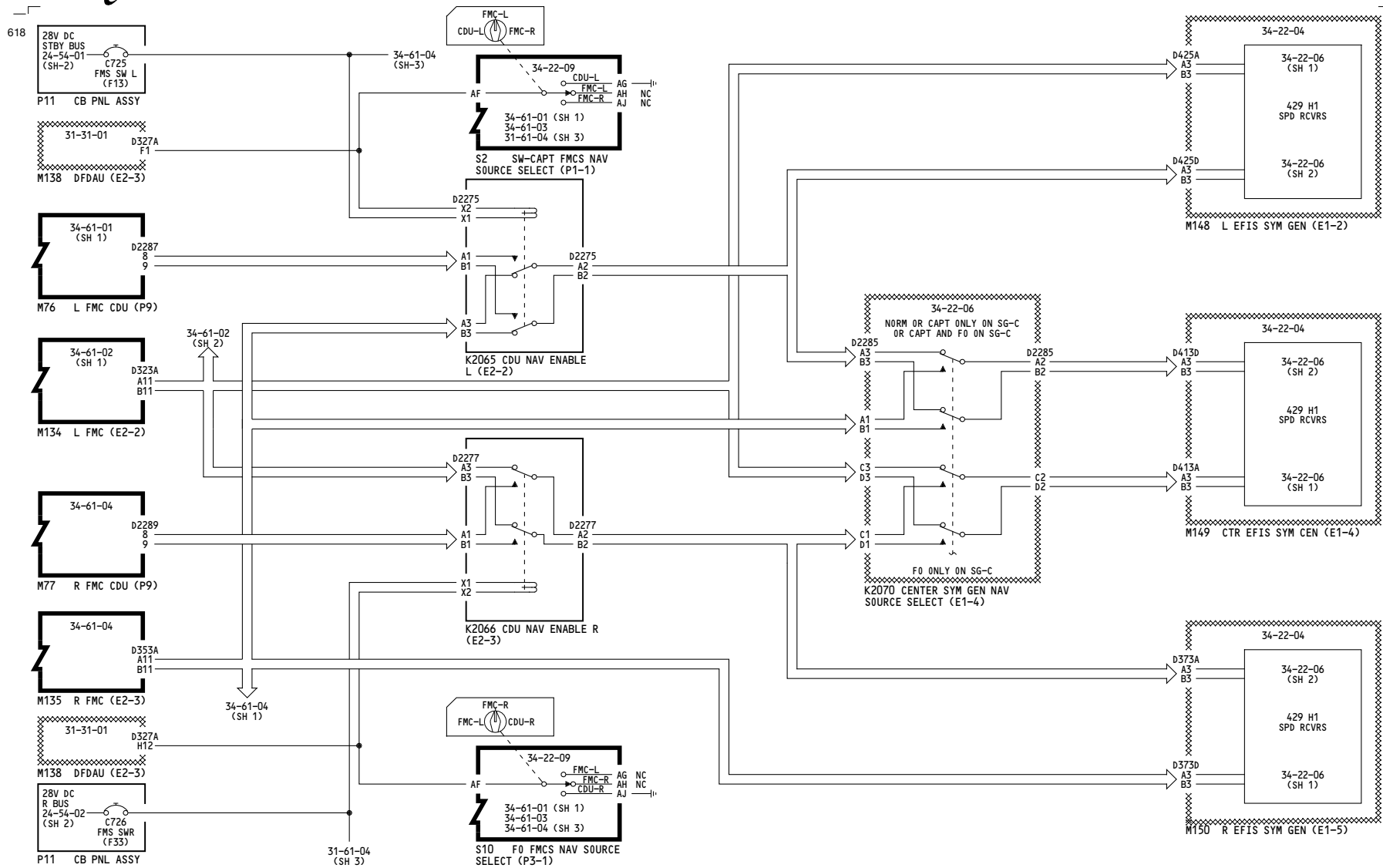
NOTES:
 1 NOT CONNECTED

155	<p>FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT</p> <p>D280T232</p>
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Incorporates
 MTO 230593

34-61-04

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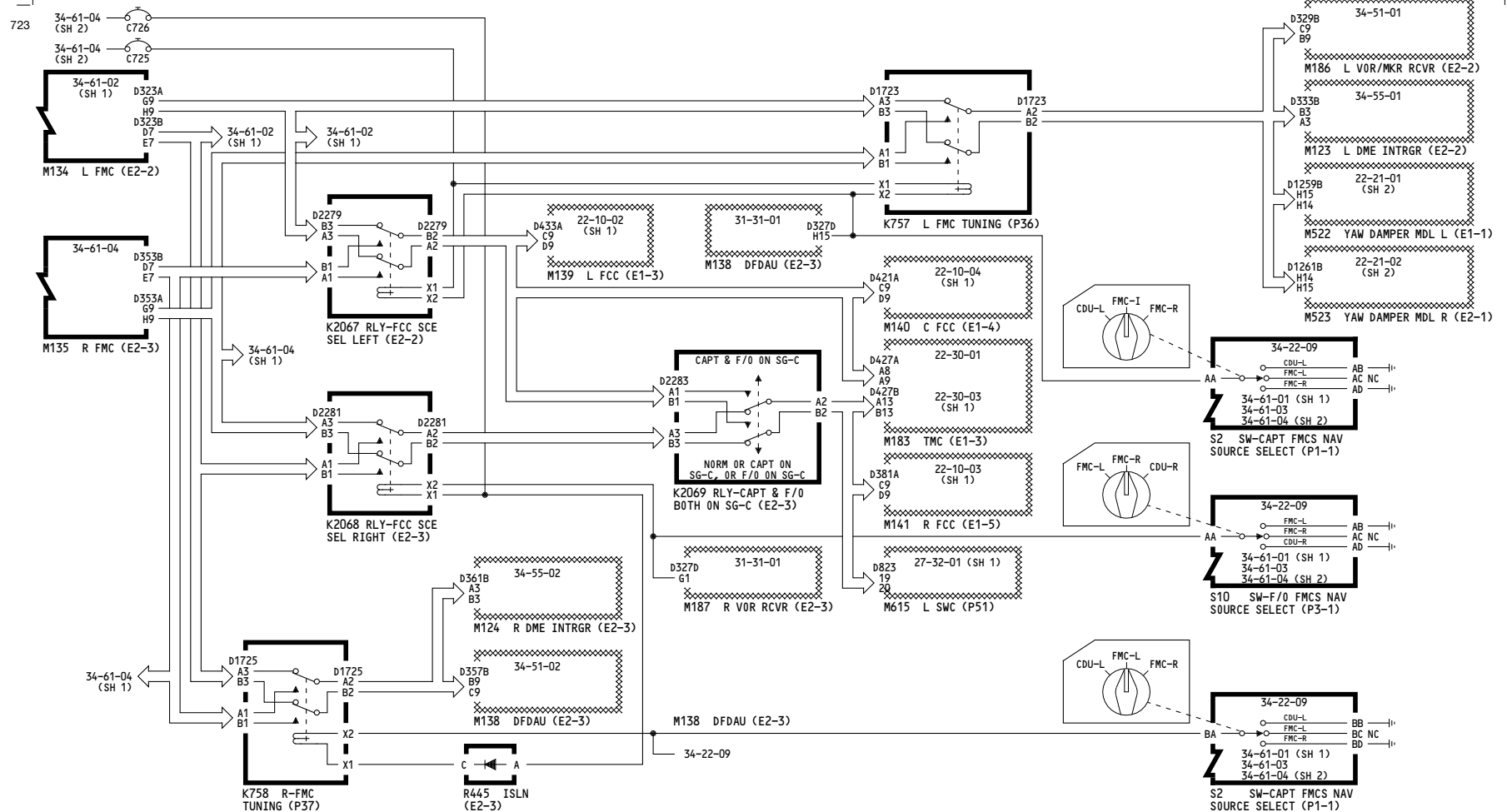
155

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

D280T232

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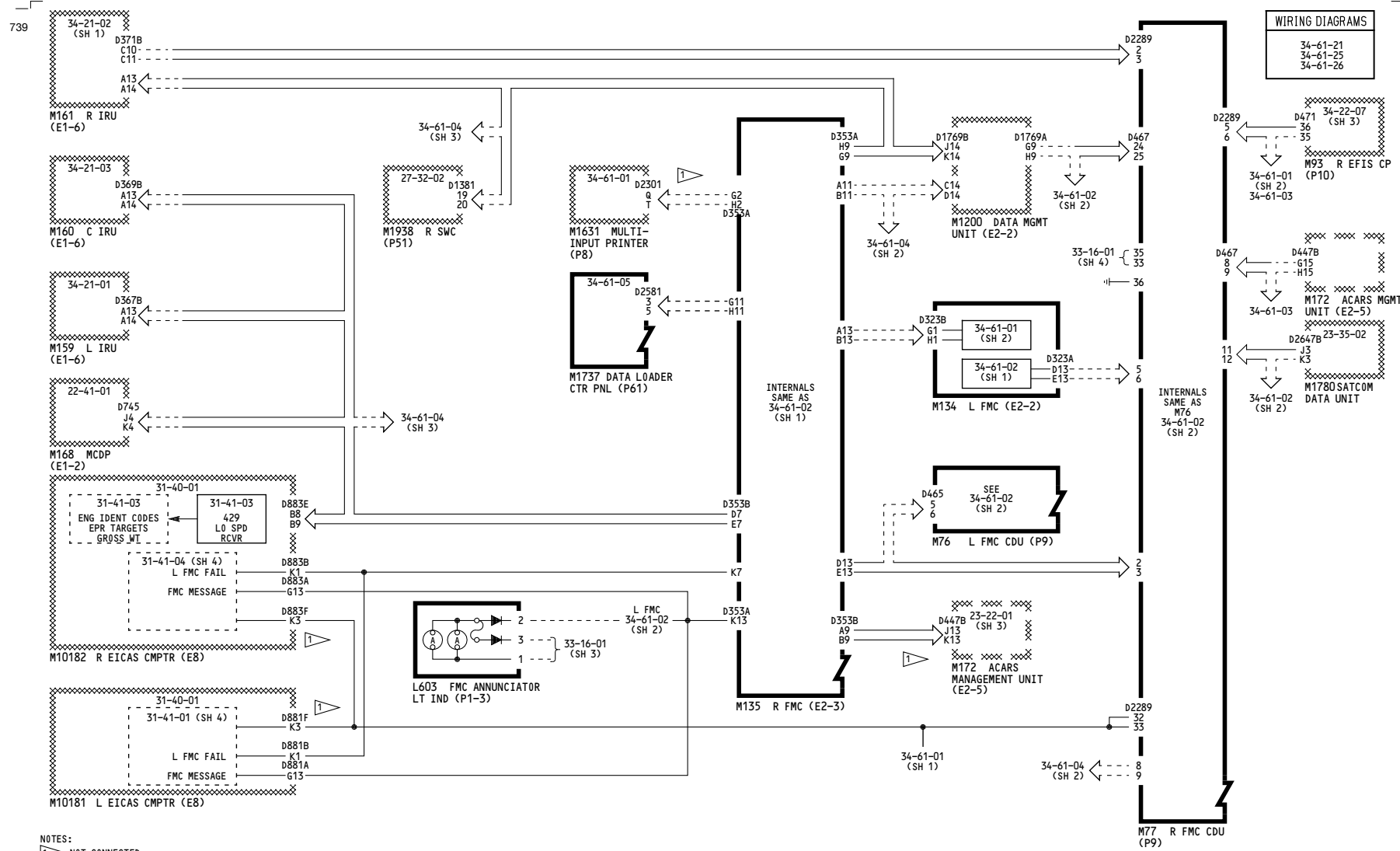
155	<p>FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT</p> <p>D280T232</p>
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- Incorporates**
- ▶ 22-0062
 - ▶ 34-0253 R01

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Sheet 3
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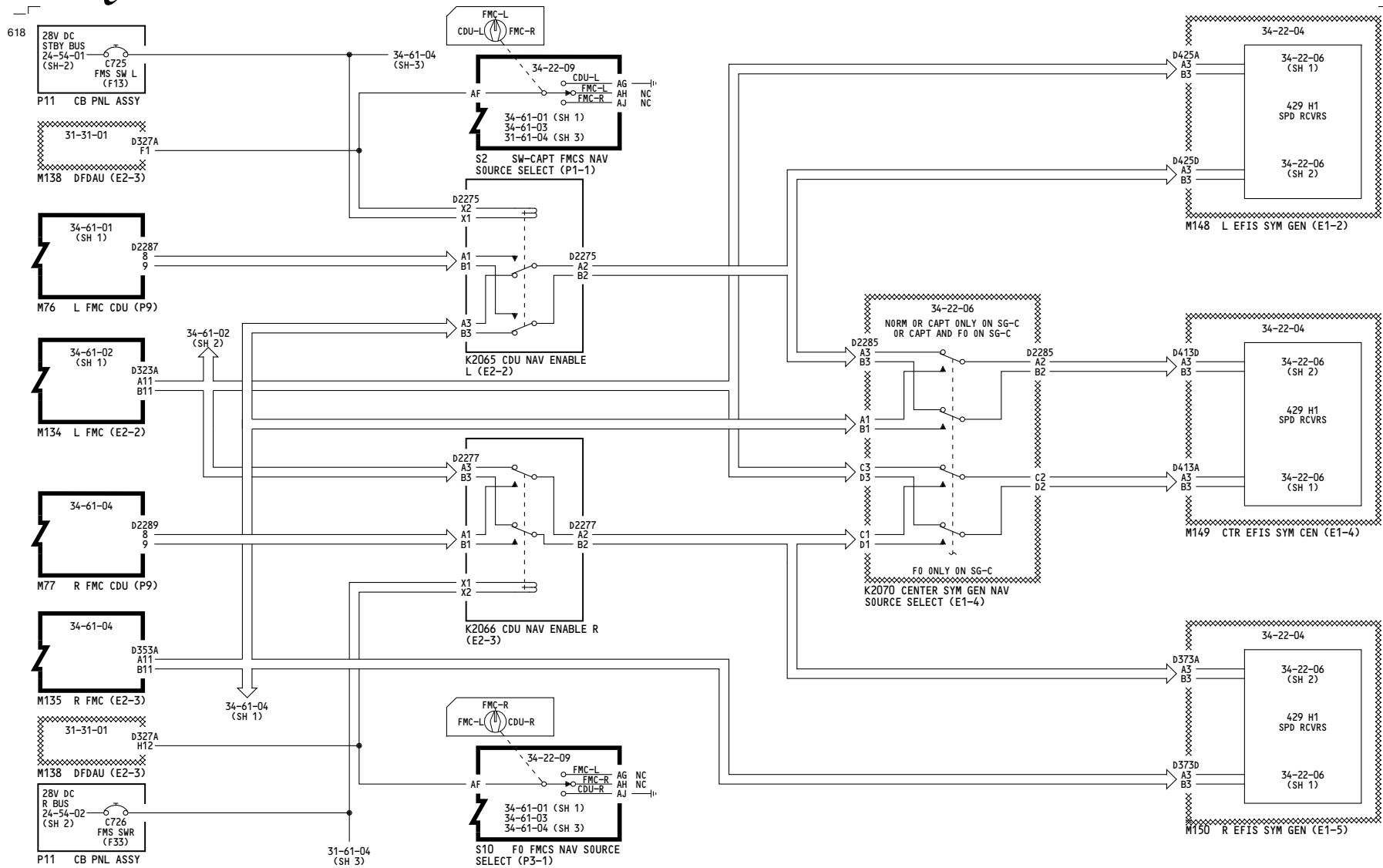


NOTES:
 NOT CONNECTED

162	<p>FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT</p> <p>D280T232</p>	<p> Incorporates MTO 230592</p>
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 Sheet 1
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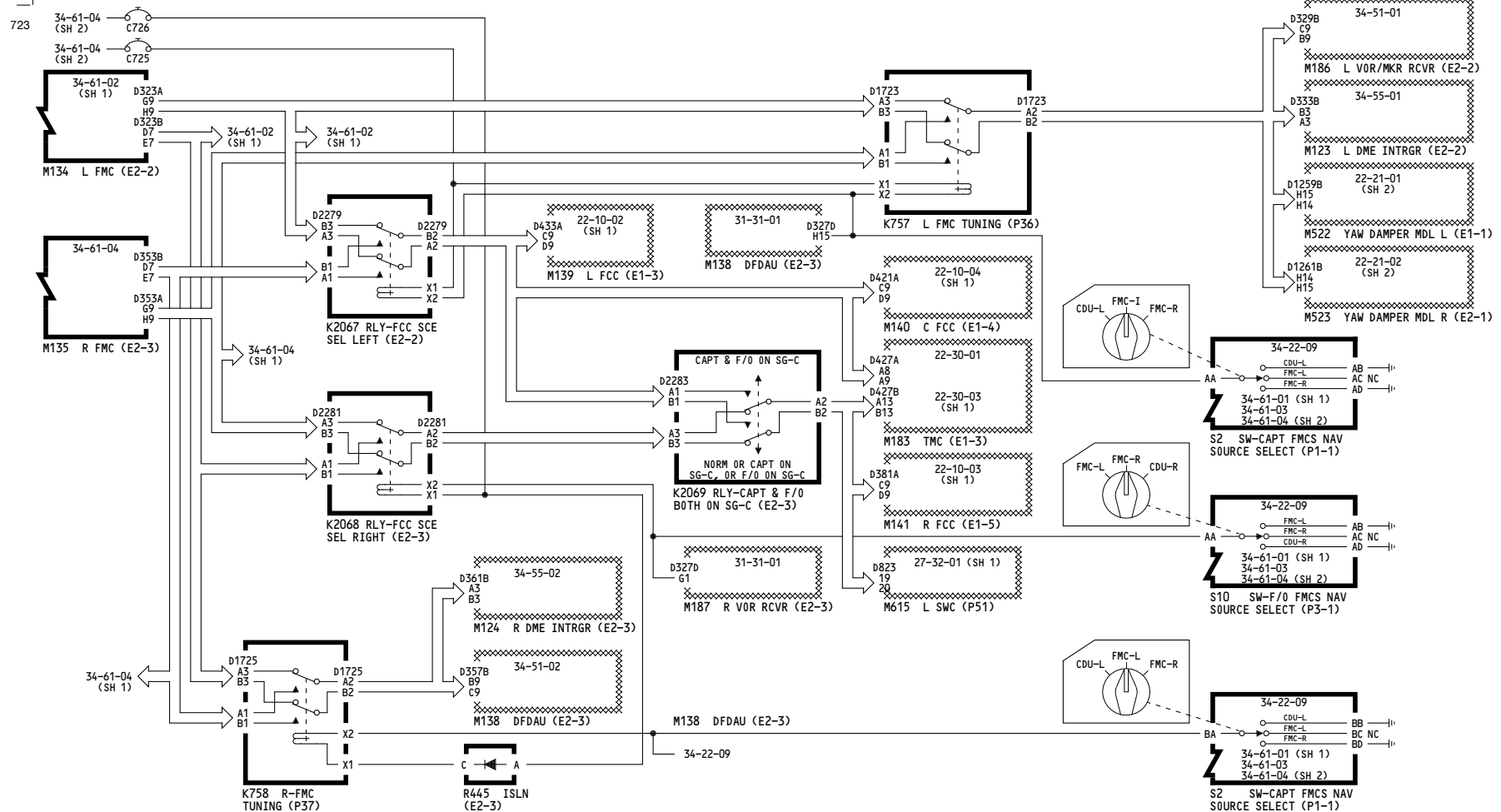
162

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

D280T232

34-61-04

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162

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

- Incorporates
 ▾ 22-0062
 ▾ 34-0253 R01

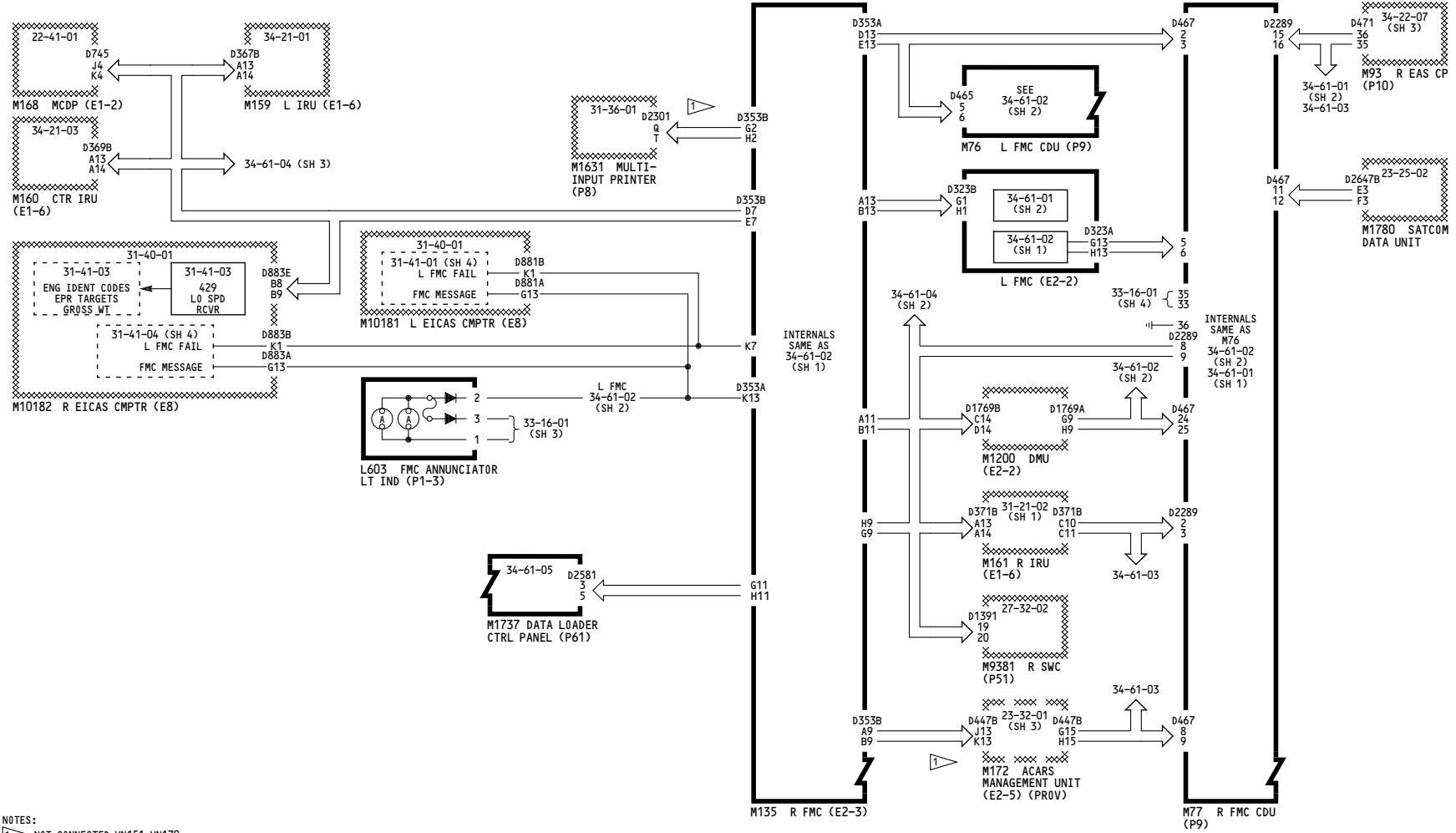
D280T232

34-61-04

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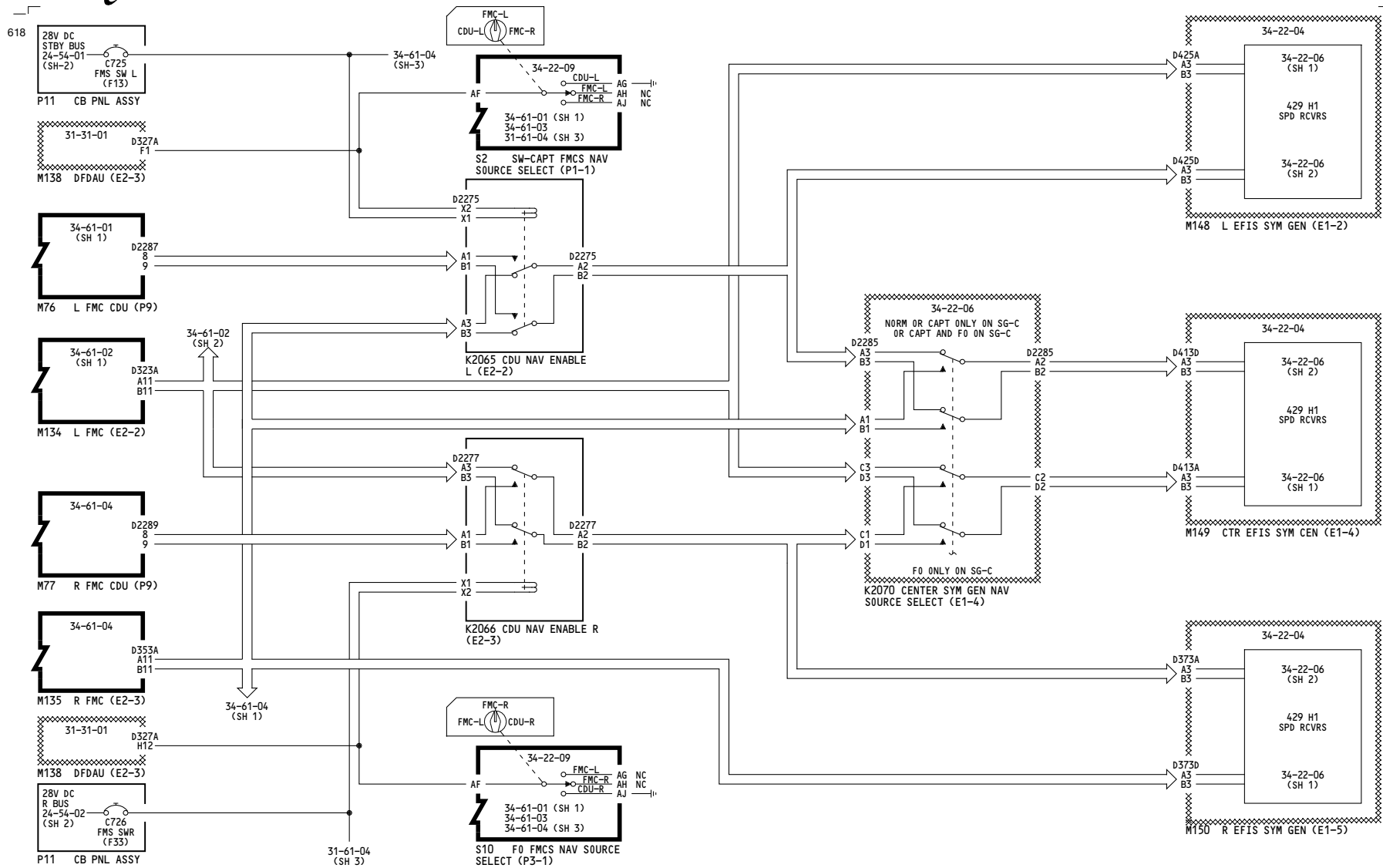
WIRING DIAGRAMS
34-61-21
34-61-25



NOTES:
1 NOT CONNECTED VN151-VN170

156, 166	<p>FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT</p> <p>D280T232</p>
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34-61-04

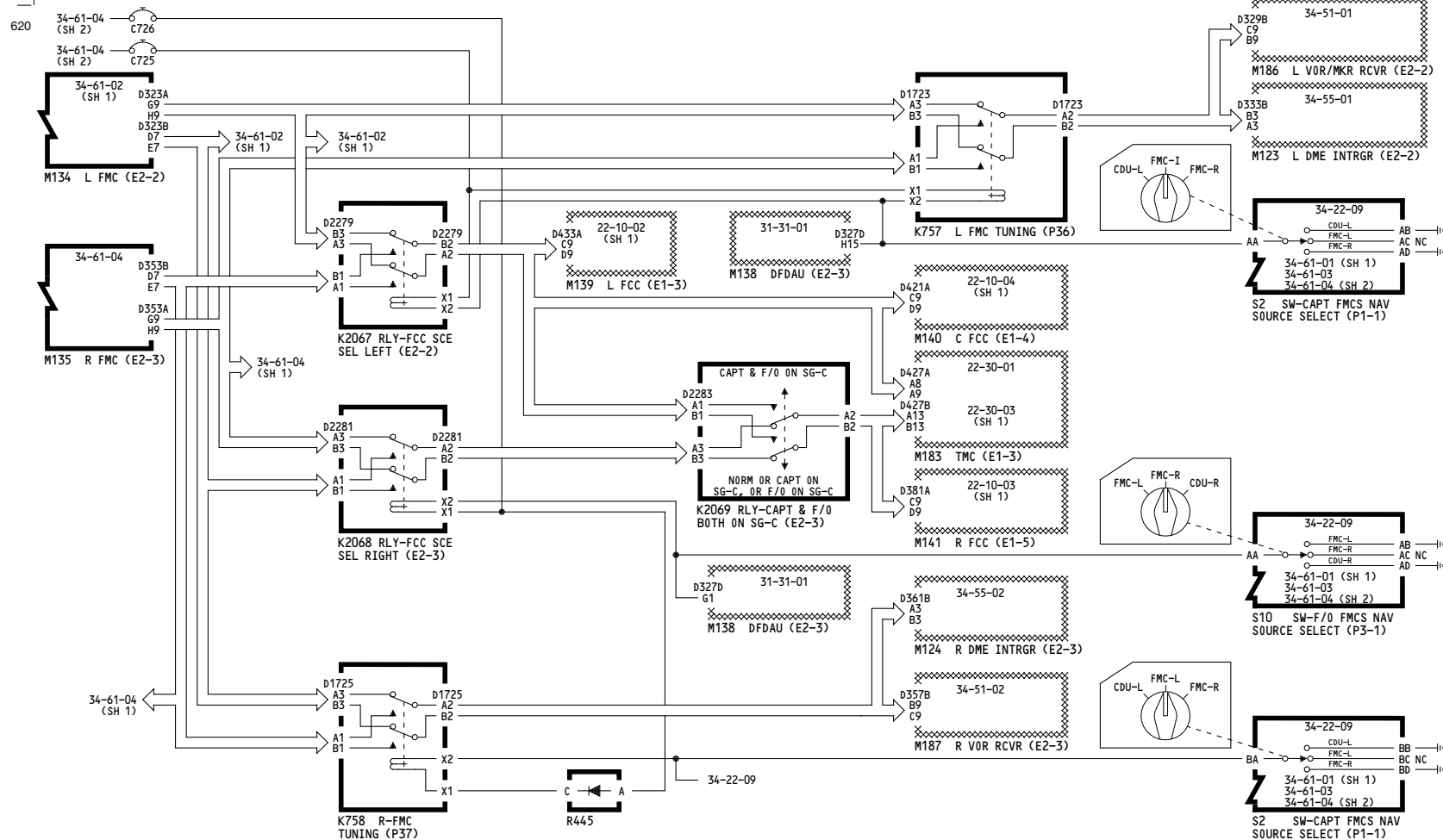


156, 166

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

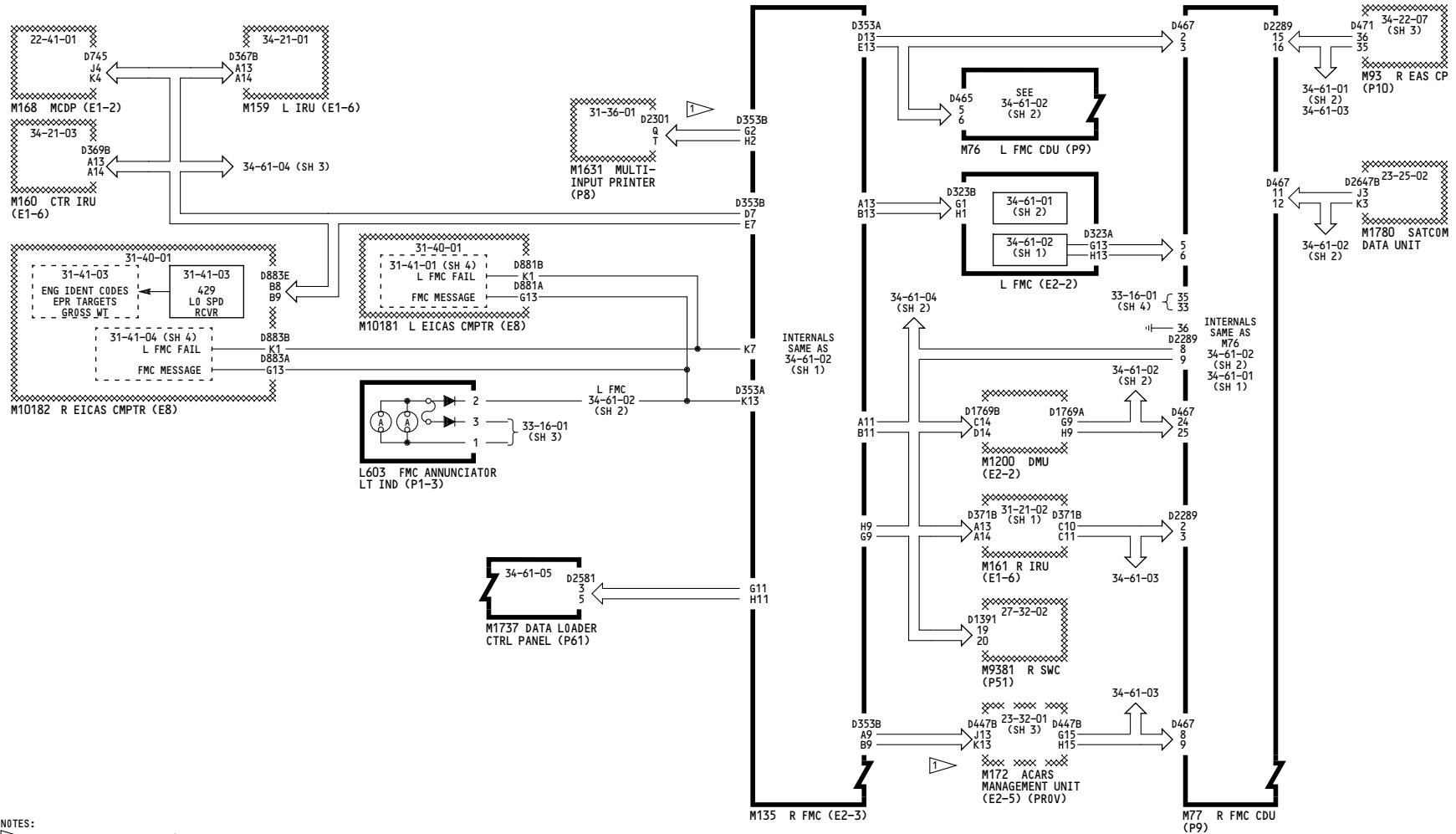
D280T232

34-61-04



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WIRING DIAGRAMS
34-61-21
34-61-25

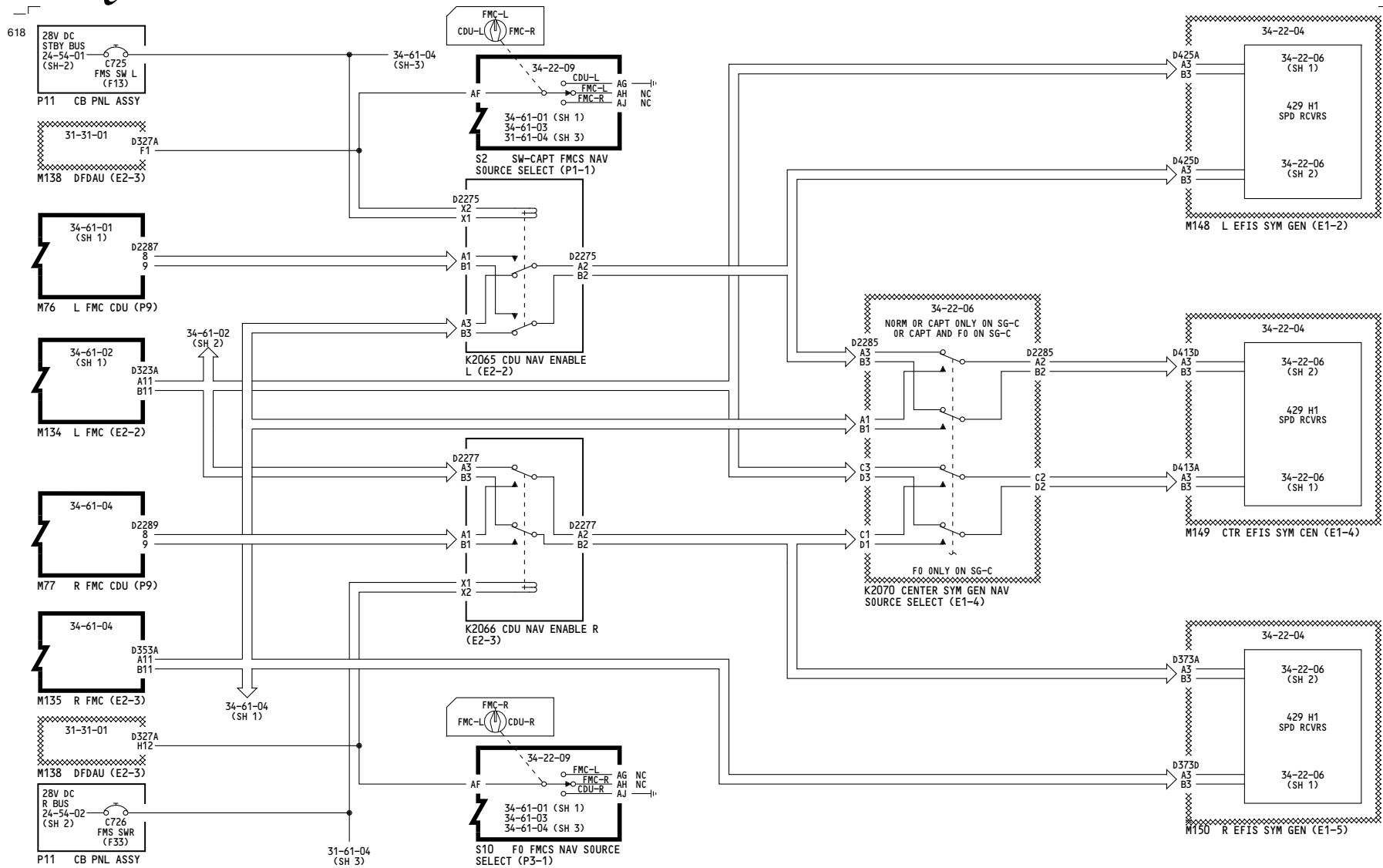


NOTES:
1 NOT CONNECTED VN151-VN170

156, 166	<p>FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT</p> <p>D280T232</p>
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Incorporates
MTO 230591

34-61-04



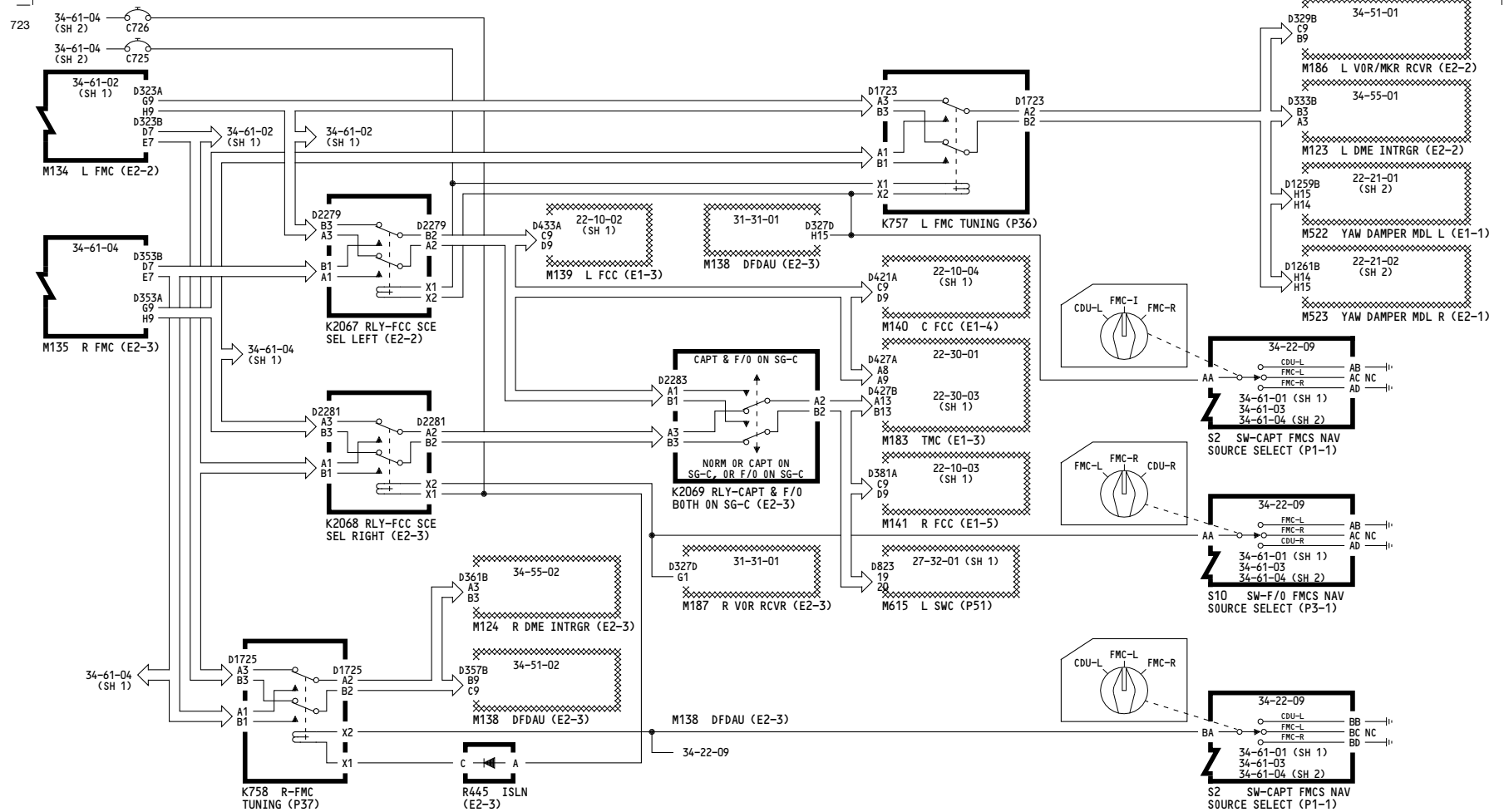
156, 166

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

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156, 166

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

D280T232

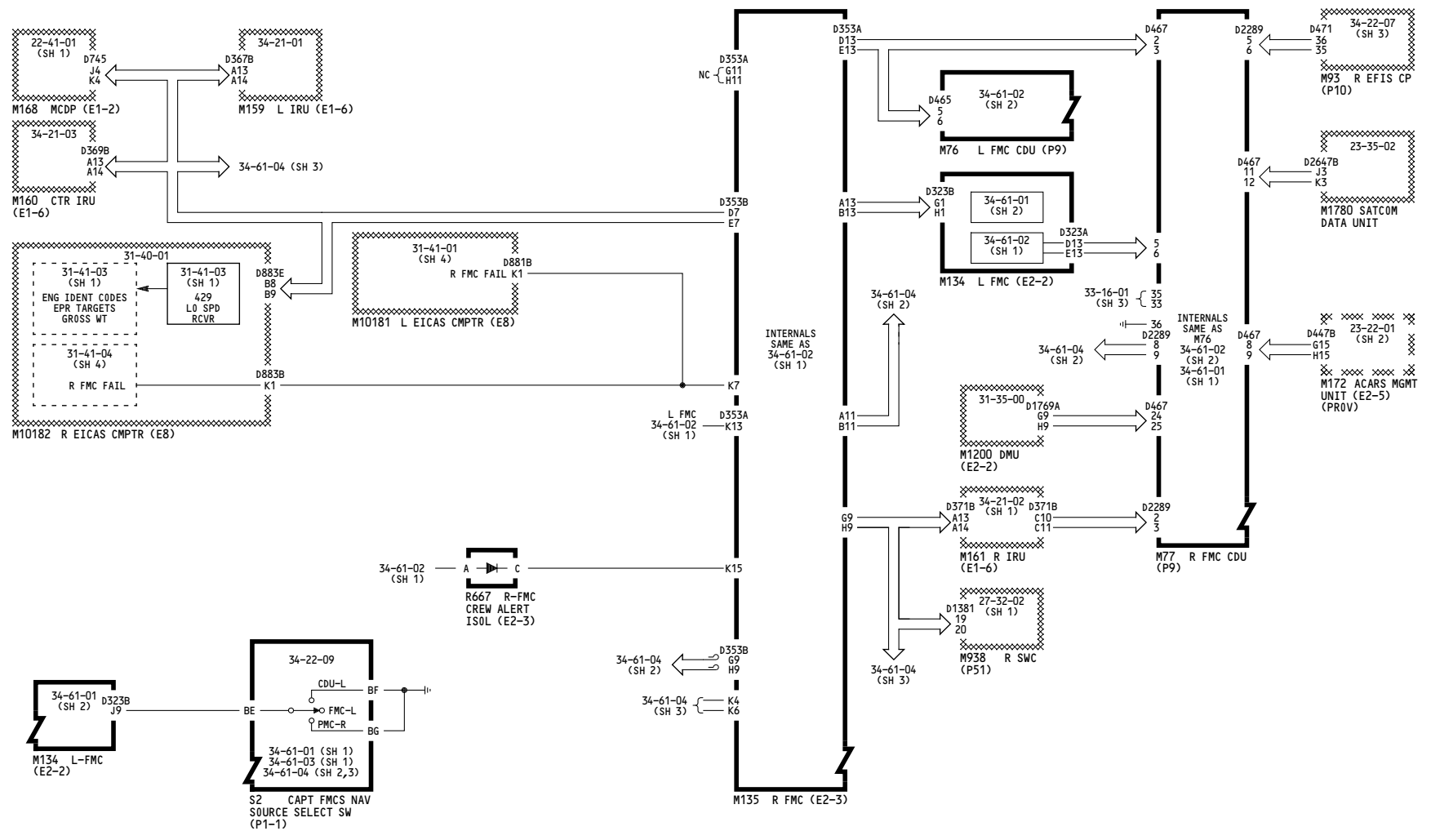
- Incorporates
- ▬ 22-0062
 - ▬ 34-0253 R01

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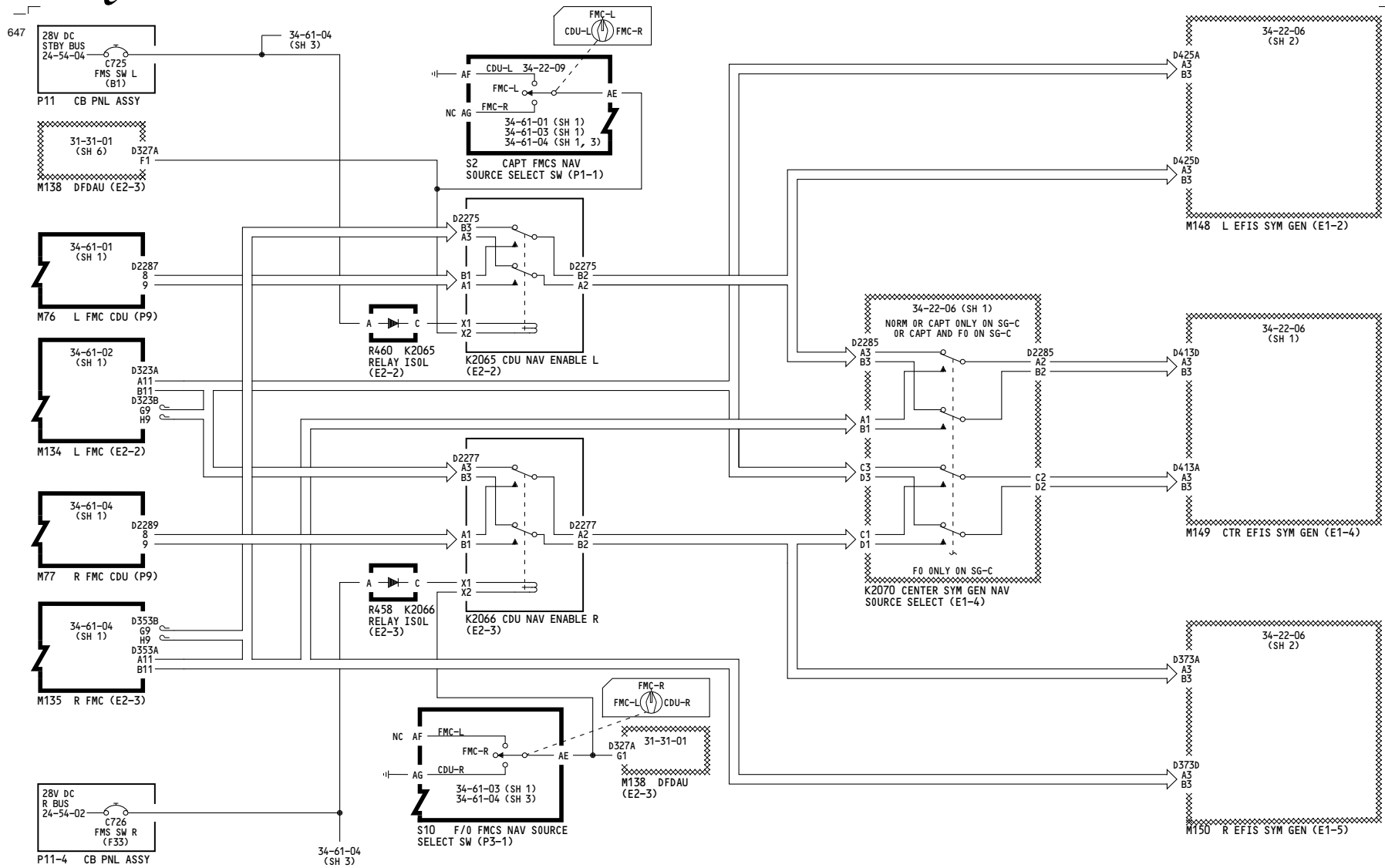
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WIRING DIAGRAMS
34-61-21
34-61-25



157	<p>FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT</p> <p>D280T232</p>
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34-61-04



157

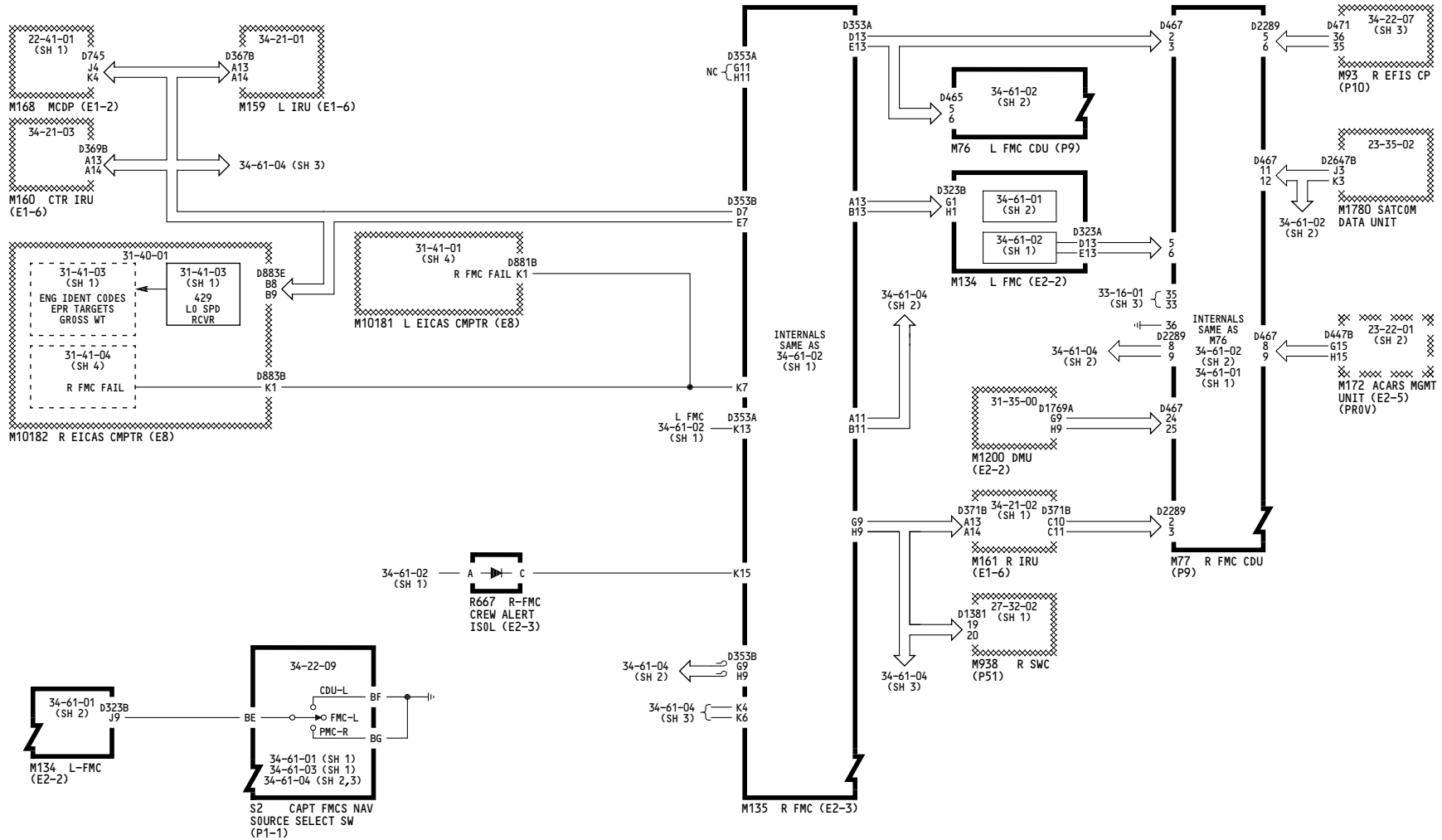
**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

D280T232

34-61-04

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WIRING DIAGRAMS
34-61-21
34-61-25



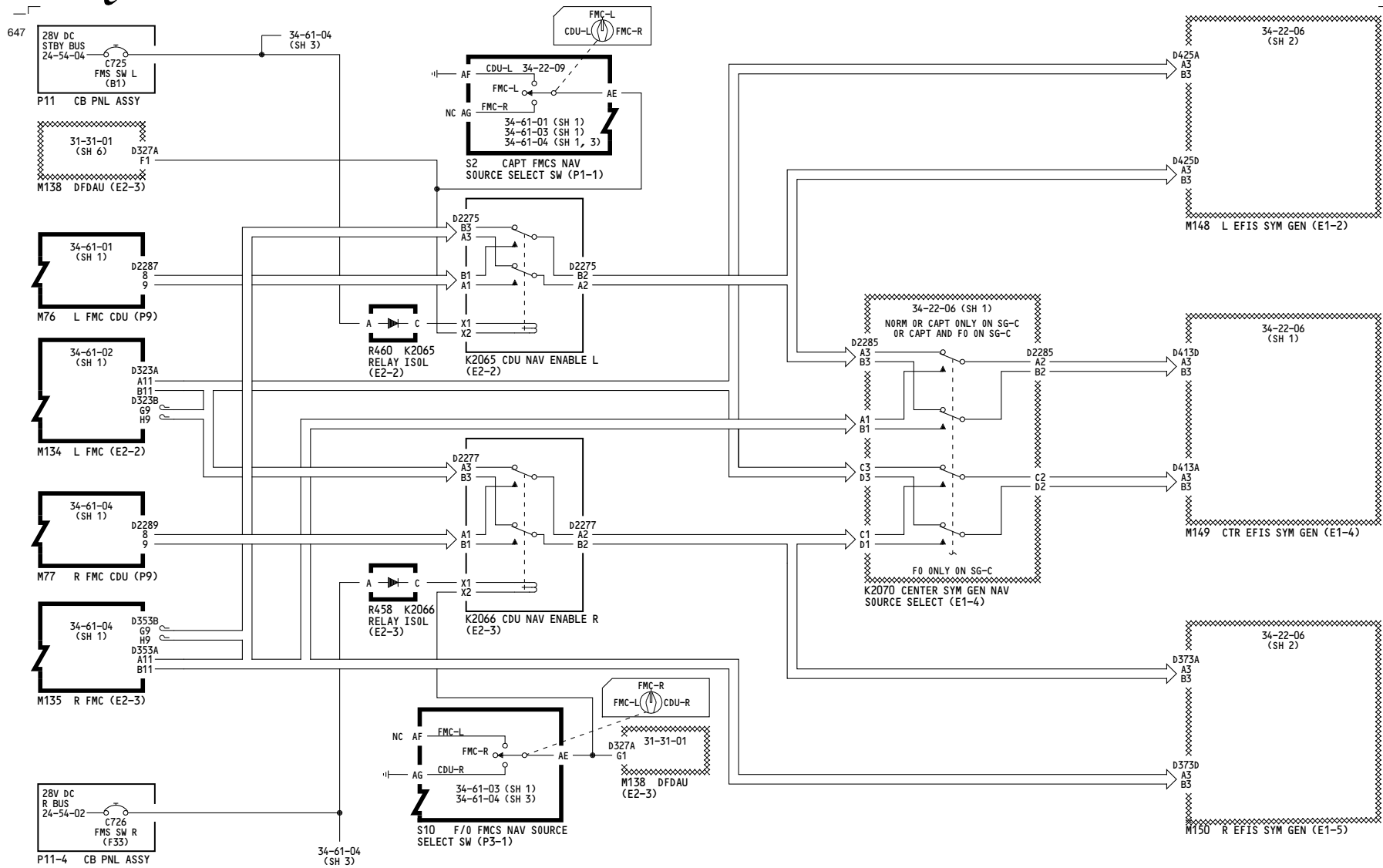
157

FLIGHT MANAGEMENT COMPUTER OUTPUTS-RIGHT

D280T232

Incorporates
MTO 230591

34-61-04



157

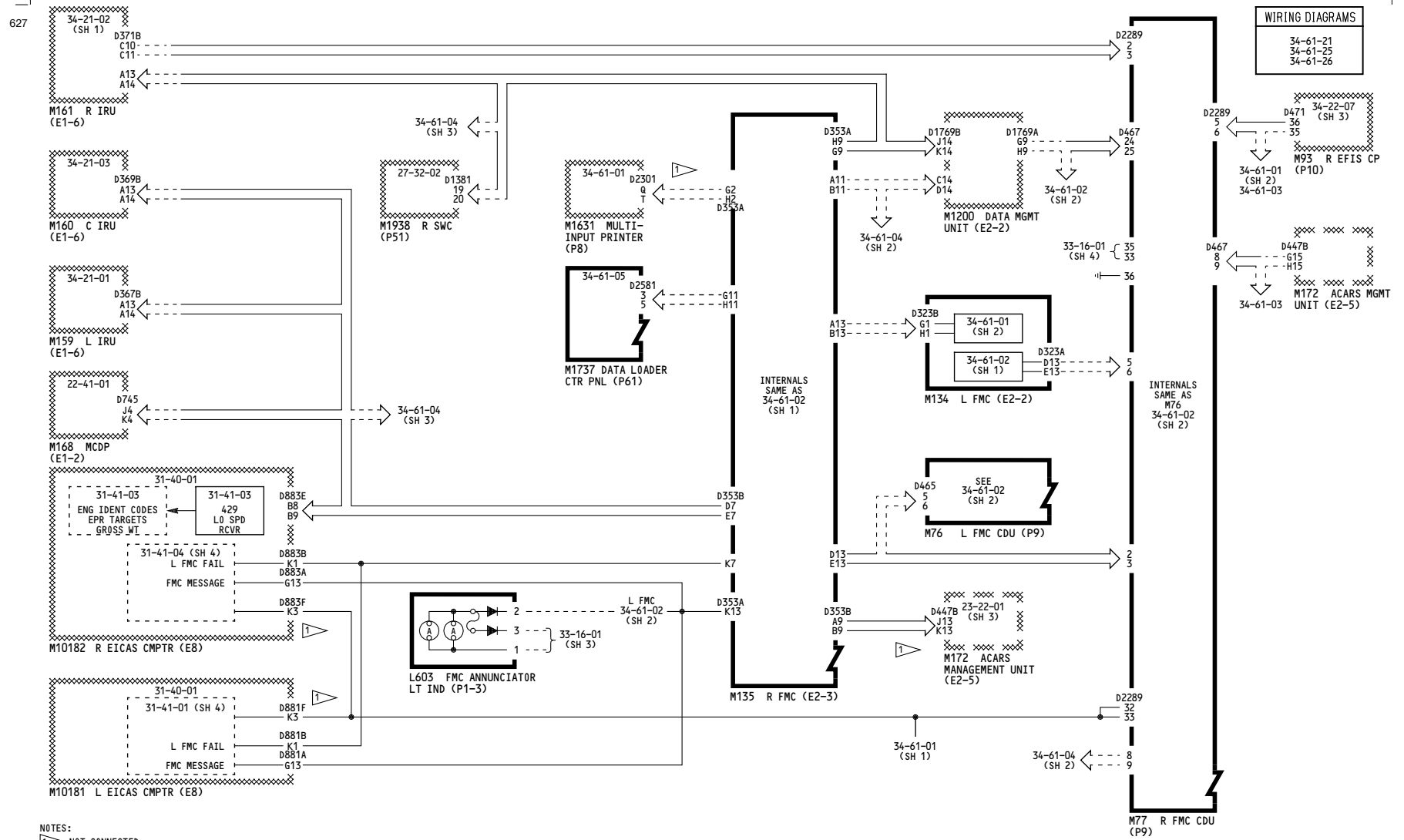
**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

D280T232

34-61-04

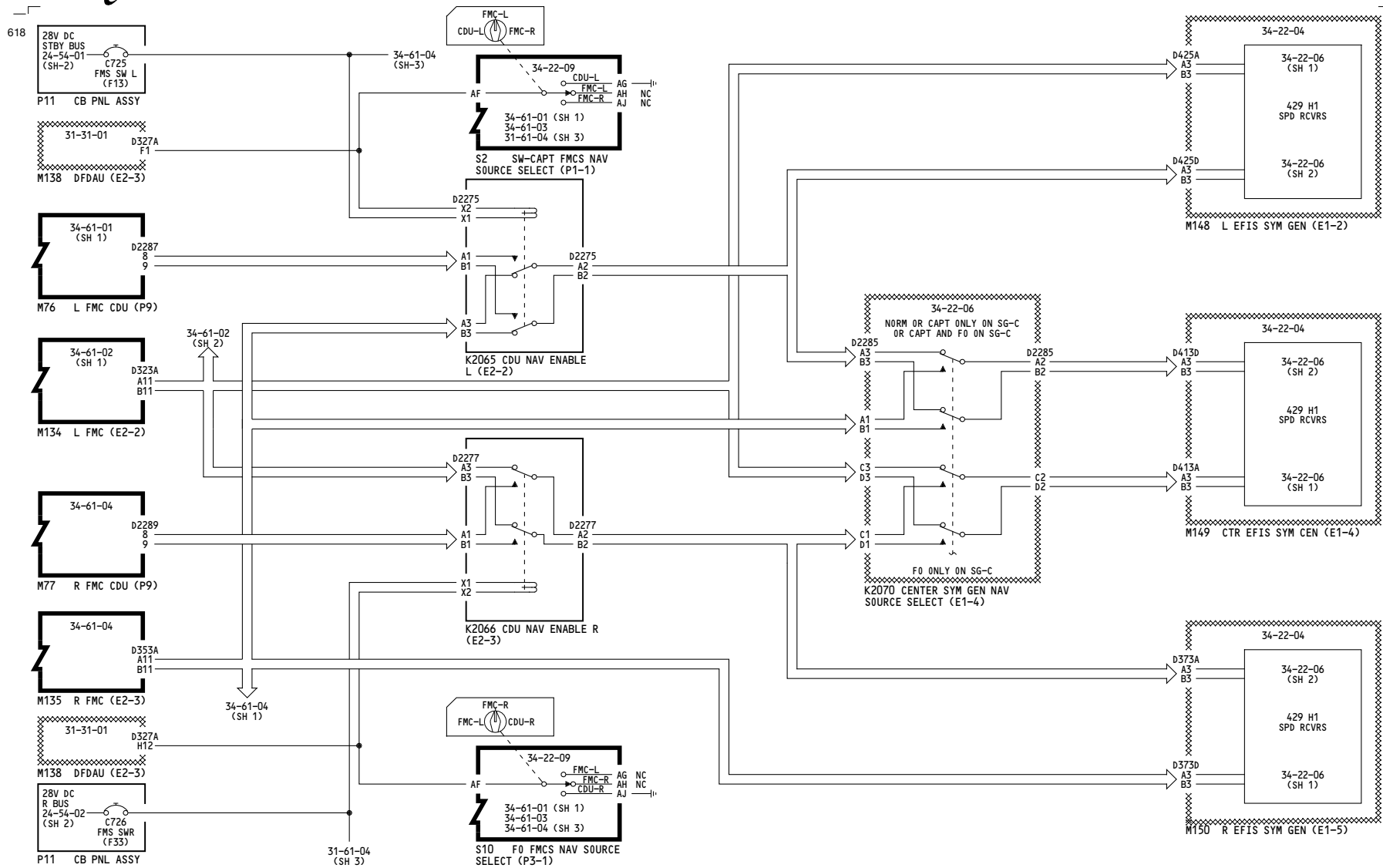
Page 106.1A
Sheet 2
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<p>163-165</p>	<p align="center">FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT</p> <p align="center">D280T232</p>
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34-61-04

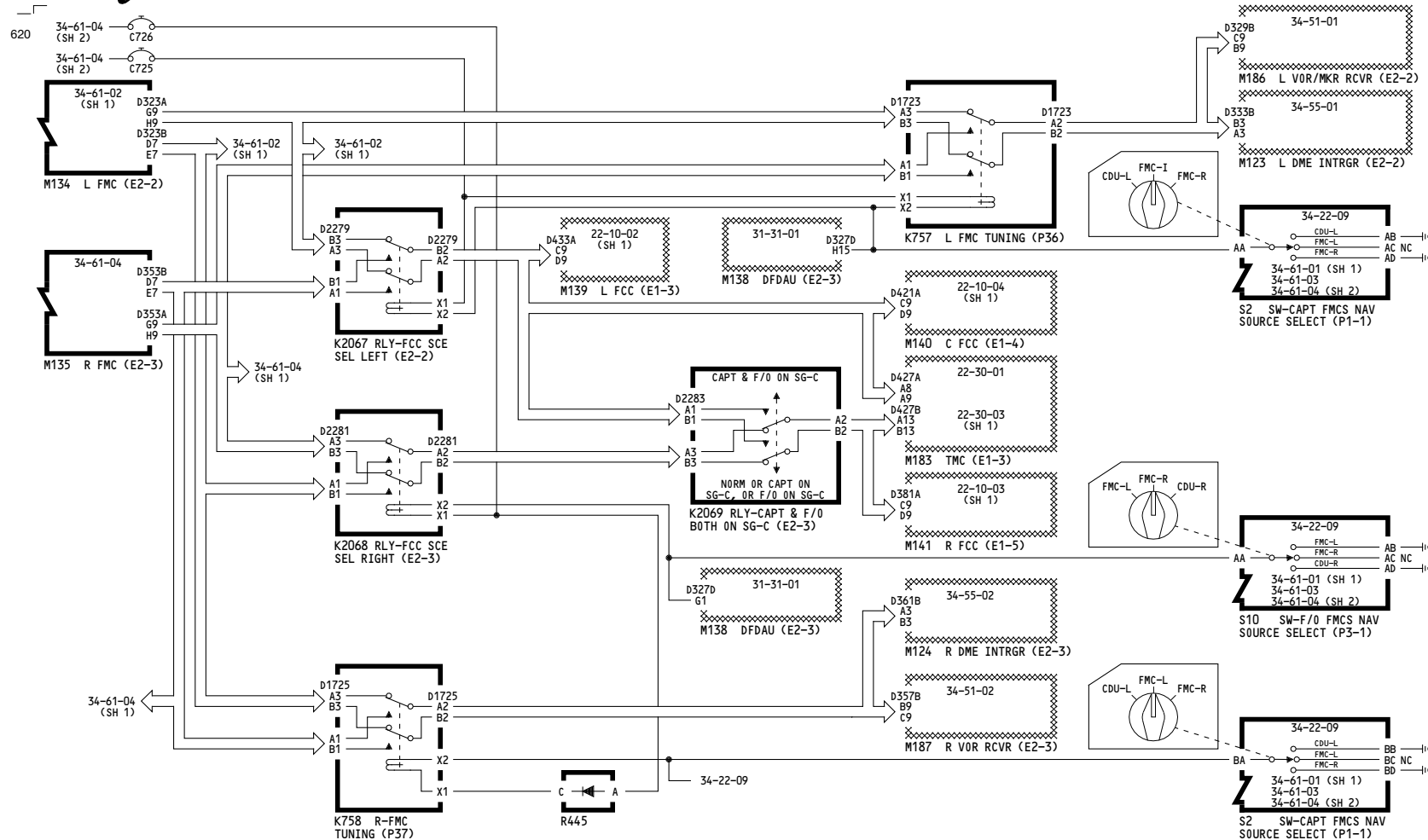


163-165

**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

D280T232

34-61-04



163-165

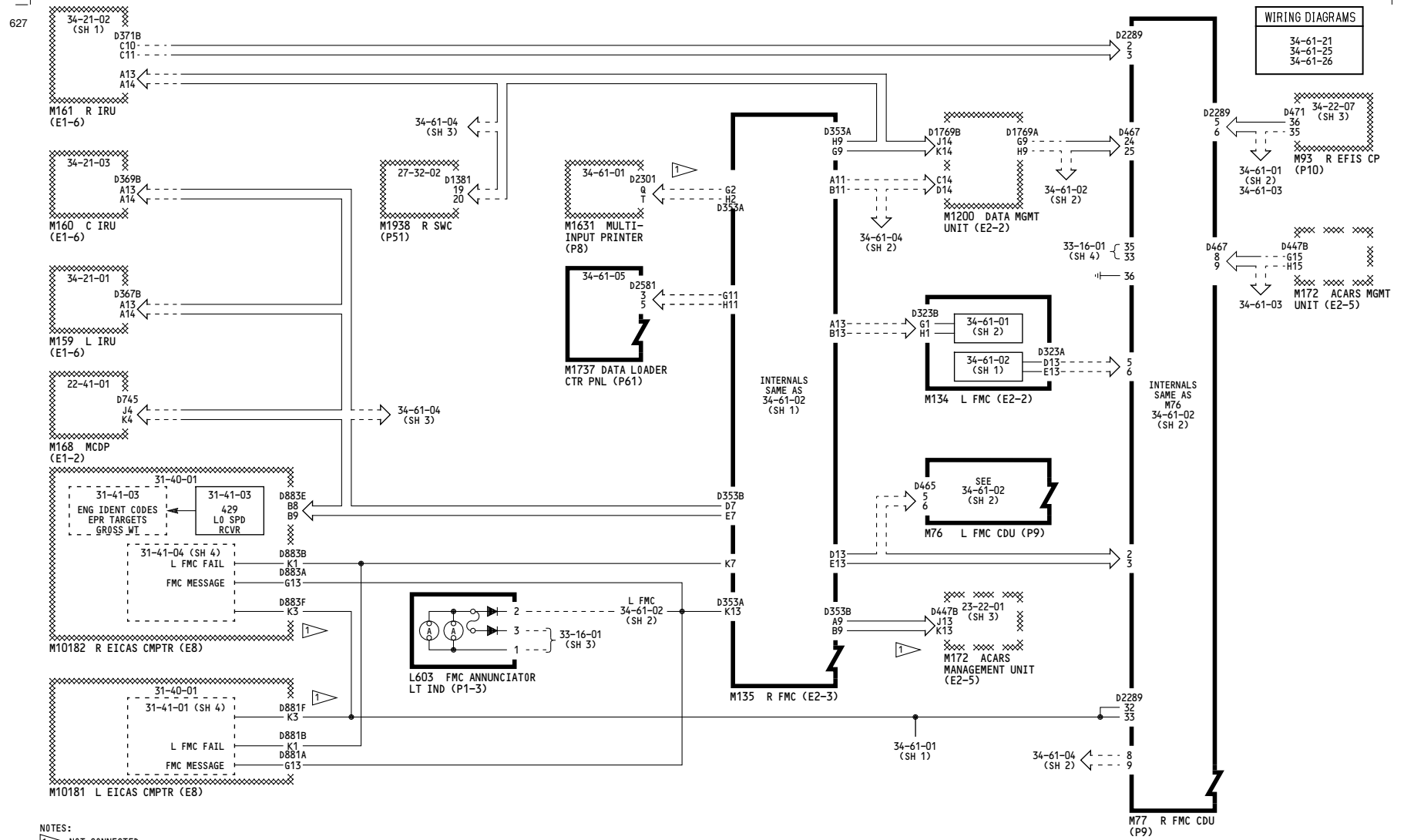
**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

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NOTES:
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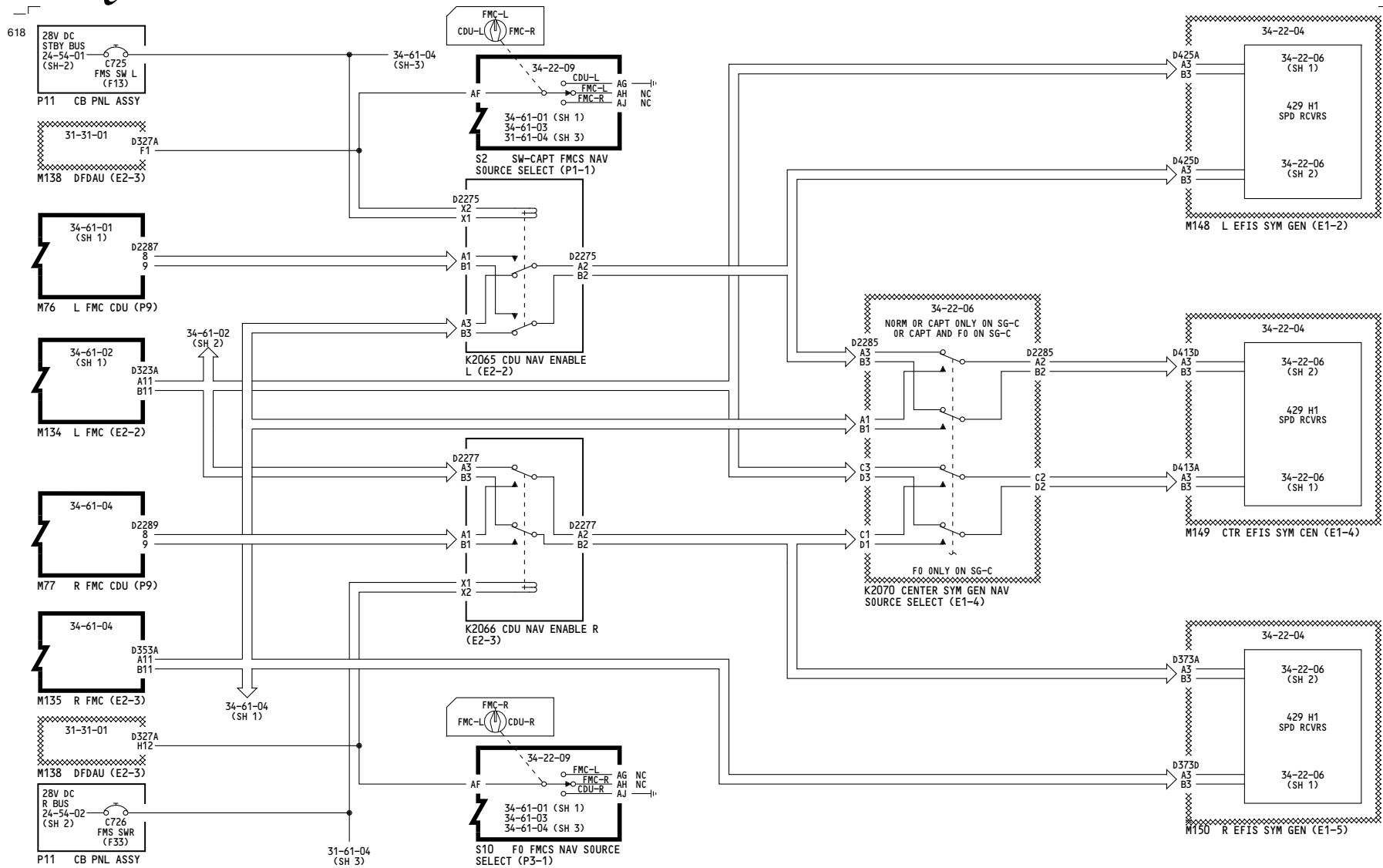
163-165

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COMPUTER OUTPUTS-
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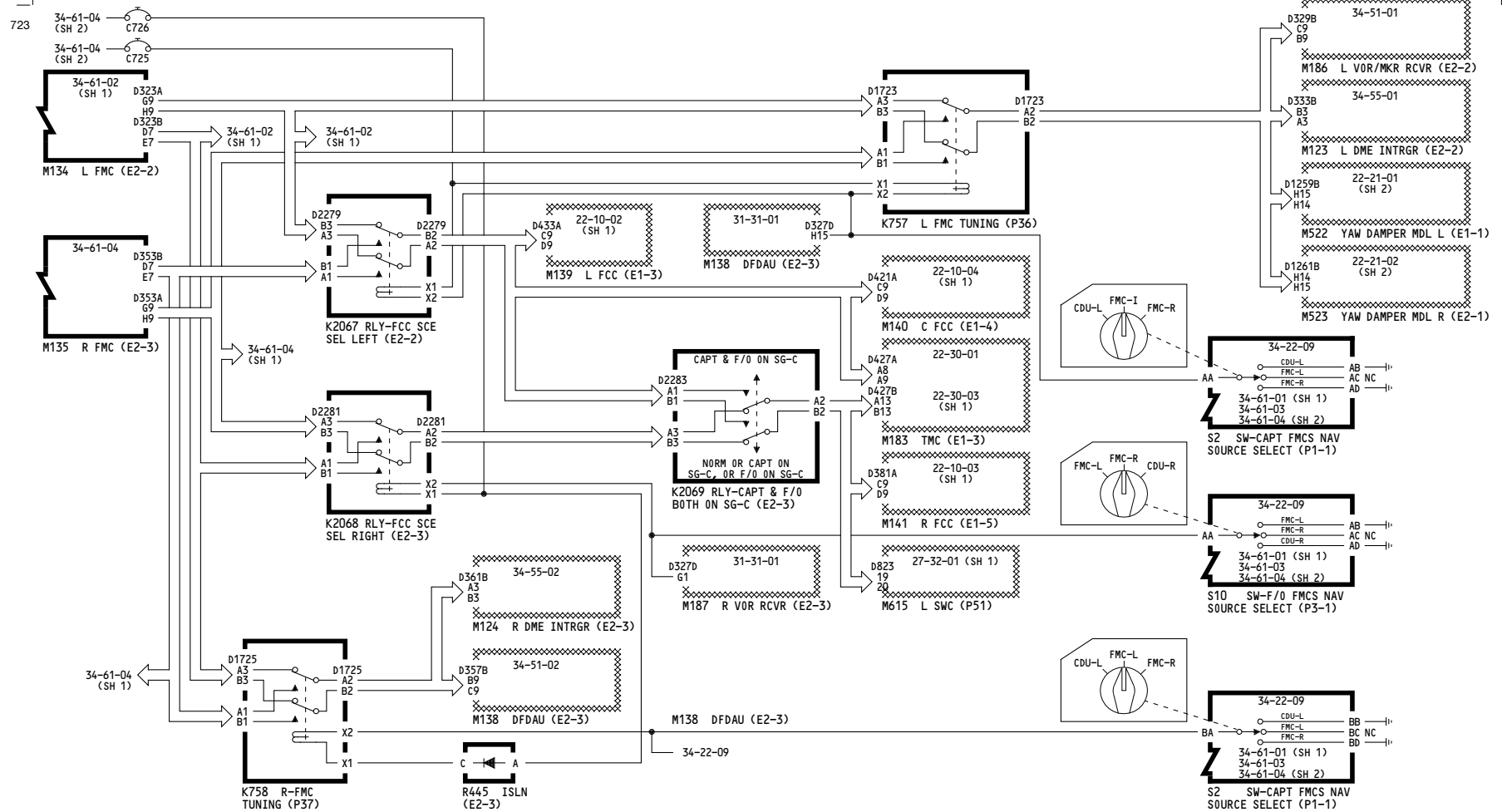


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**FLIGHT MANAGEMENT
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**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
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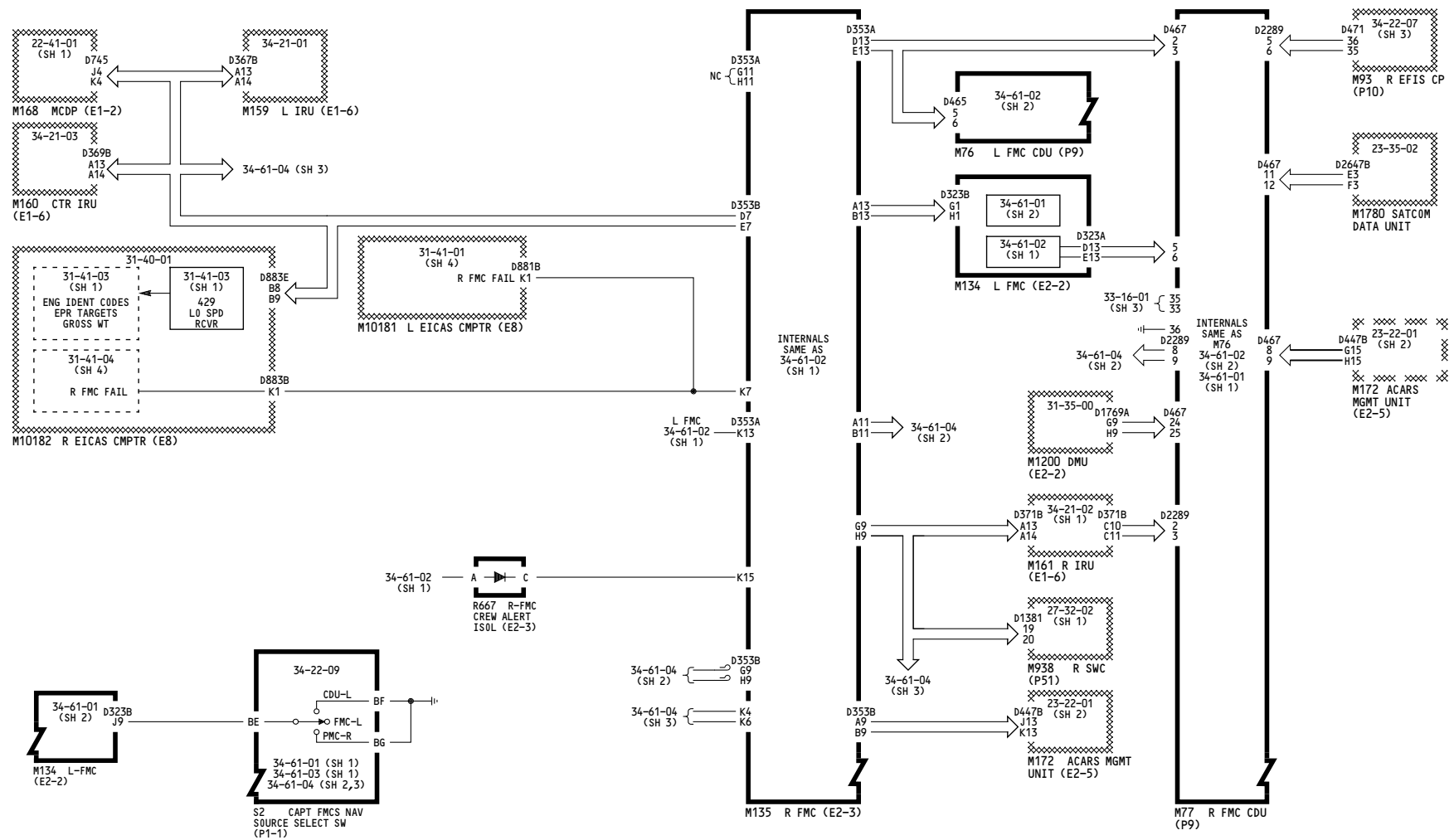
- Incorporates
- ▶ 22-0062
 - ▶ 34-0253 R01

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WIRING DIAGRAMS
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34-61-25



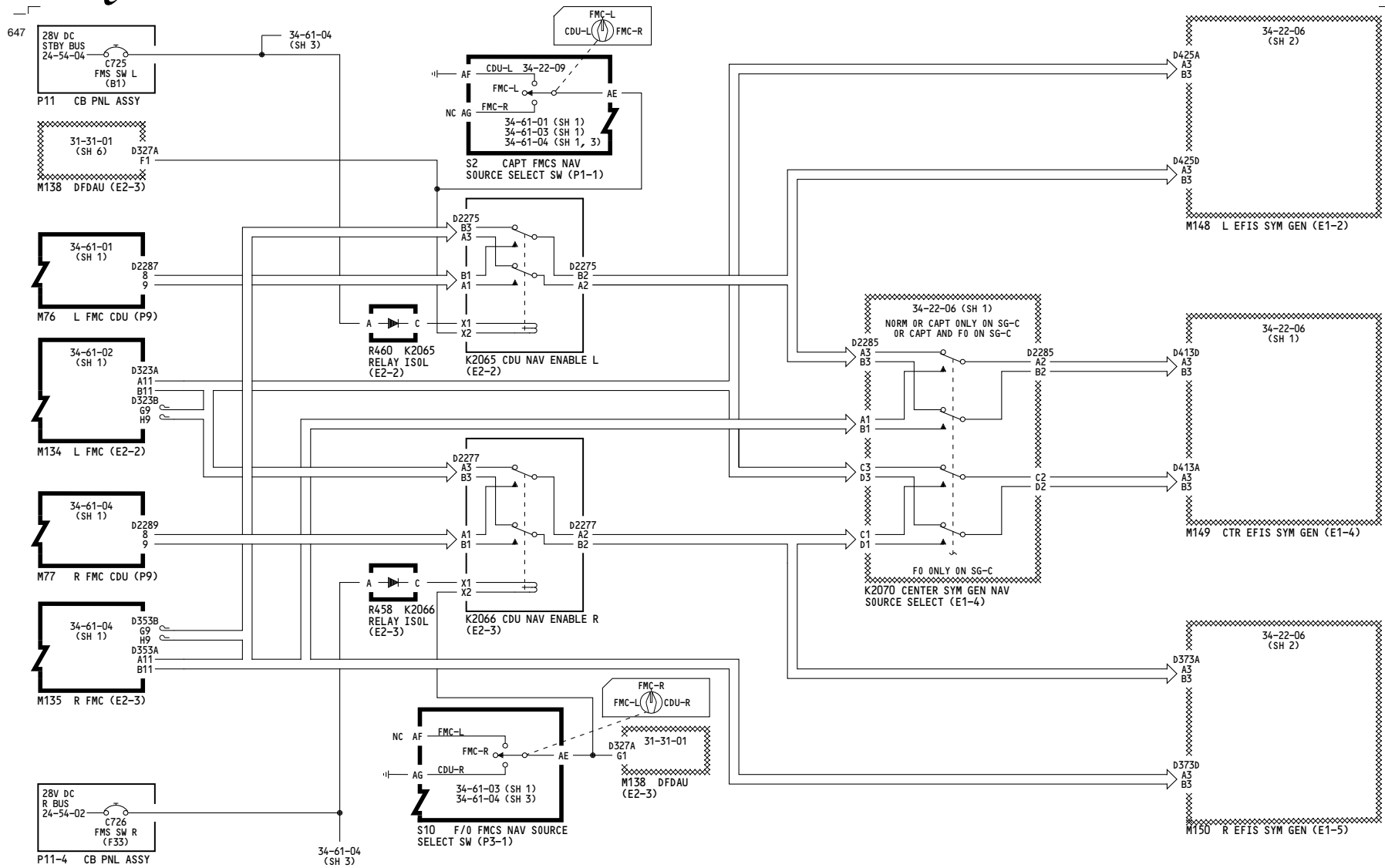
167-199

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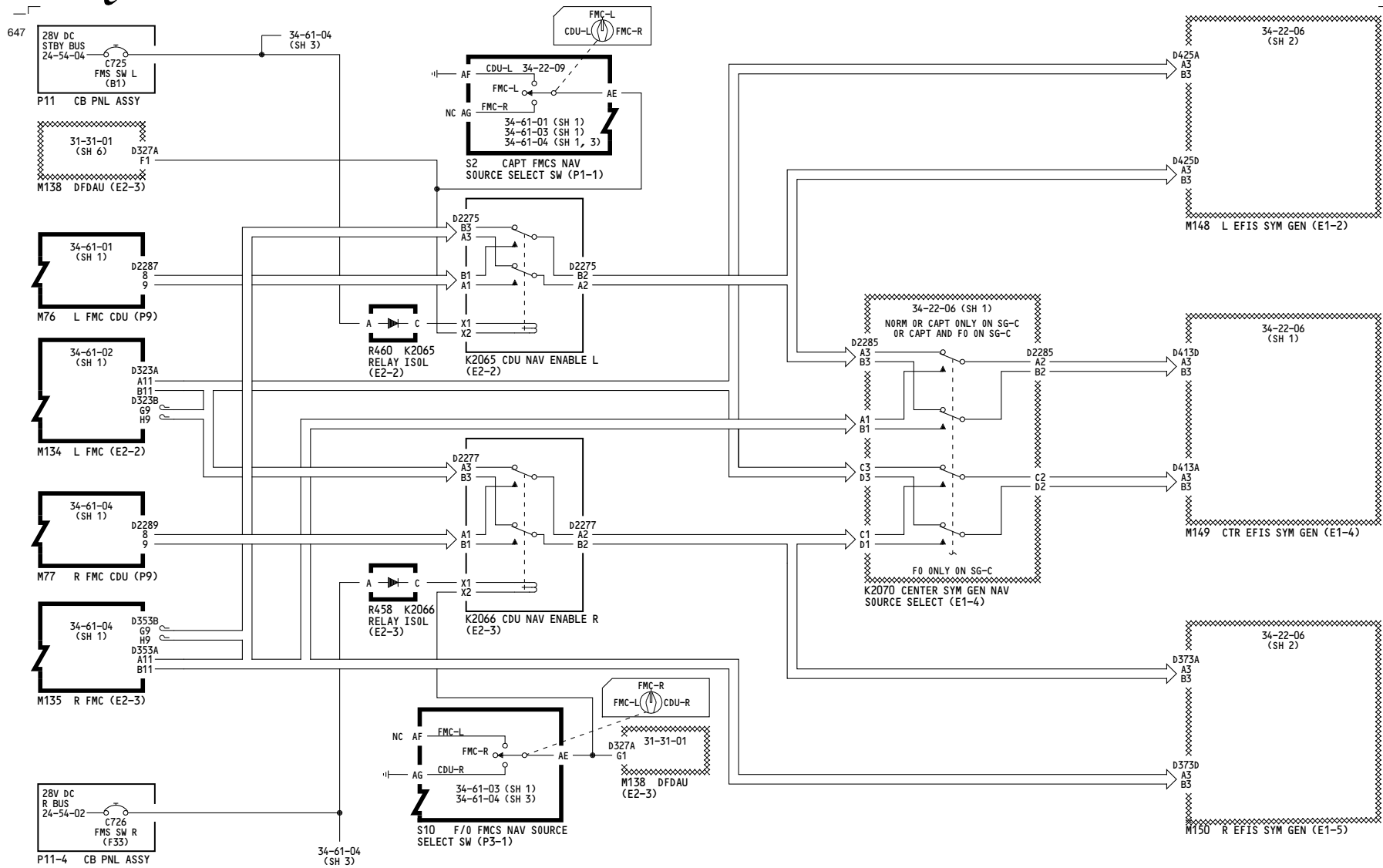
167-199

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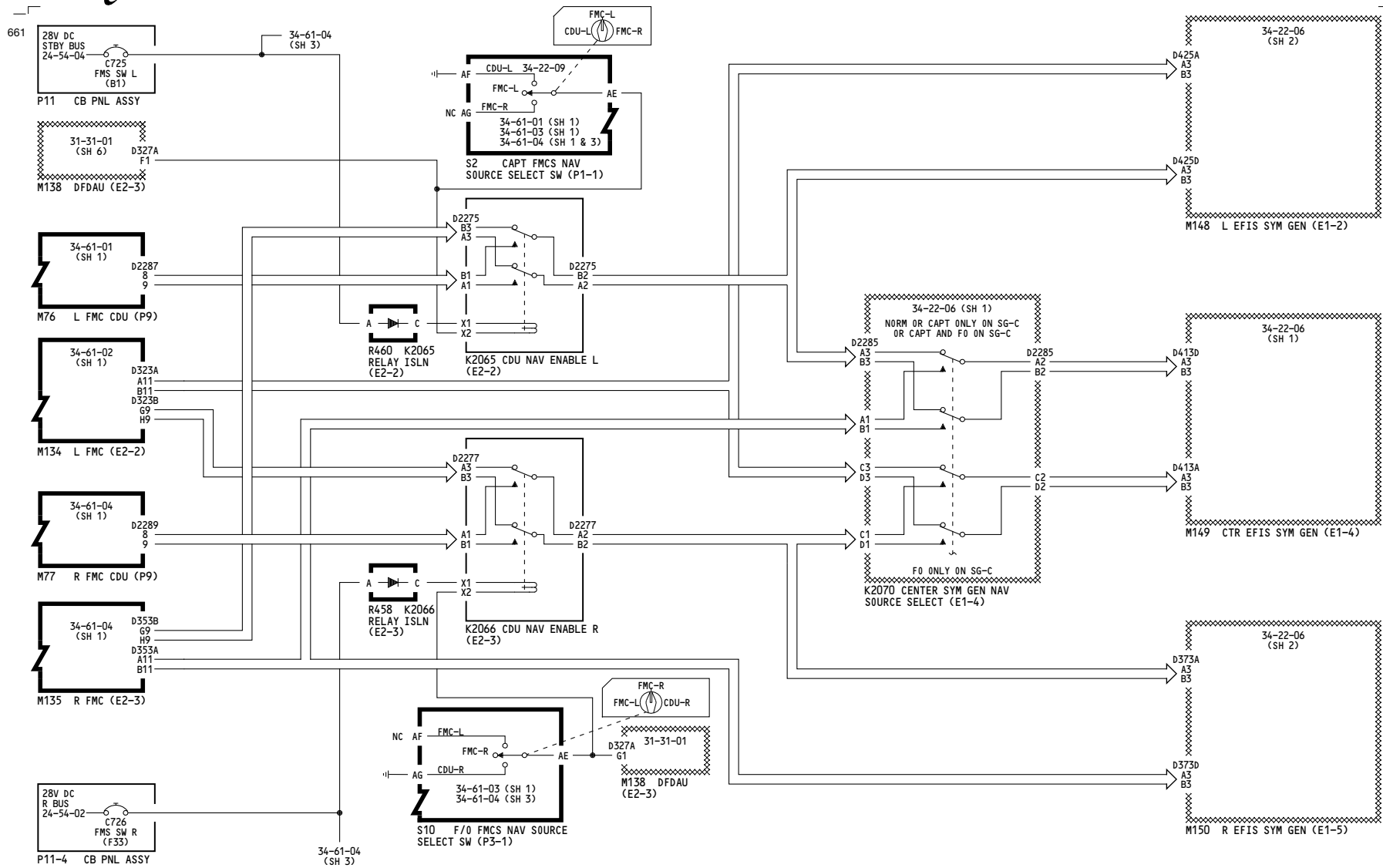
**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

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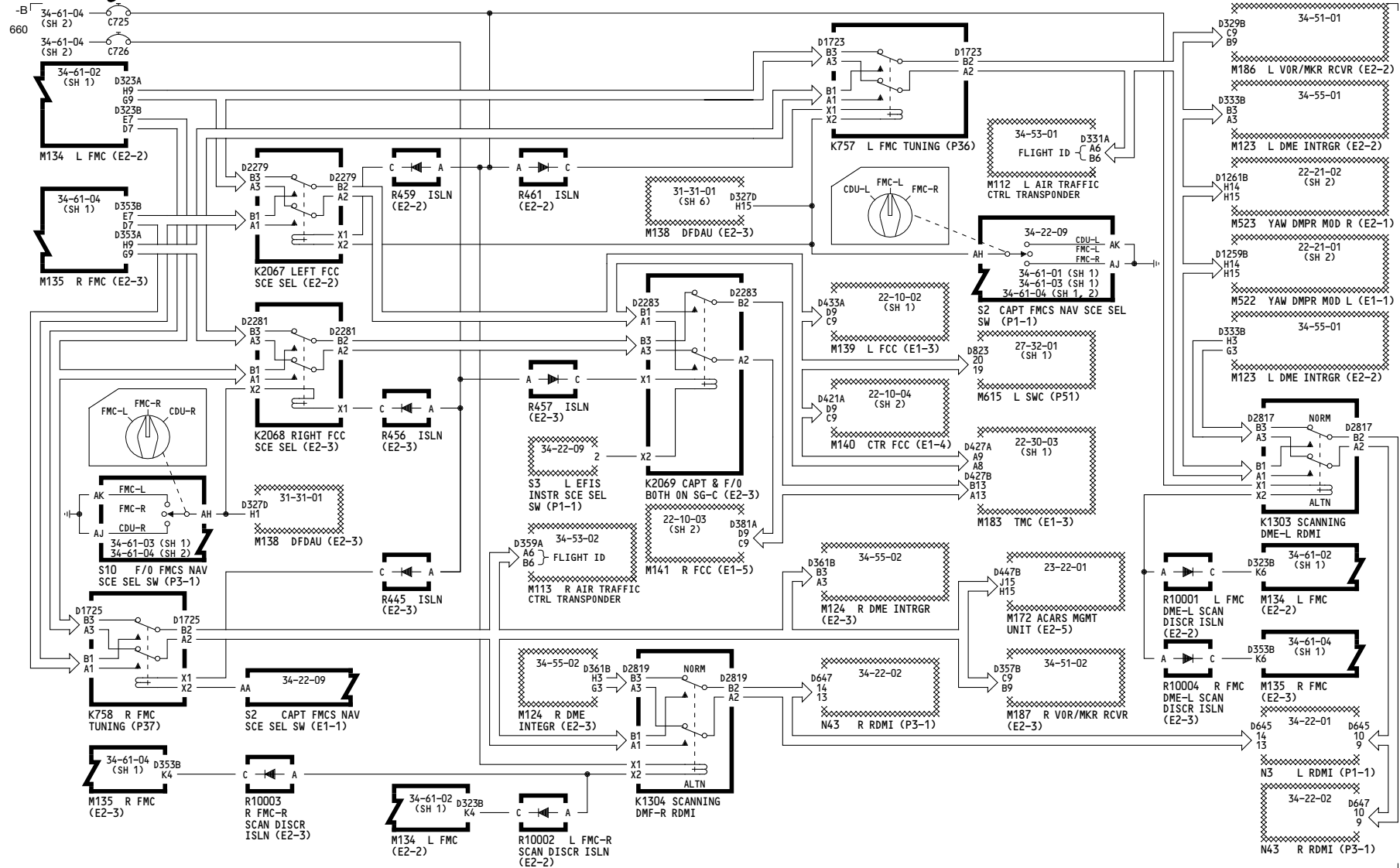
**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

Incorporates
34-0168

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FLIGHT MANAGEMENT COMPUTER OUTPUTS - RIGHT

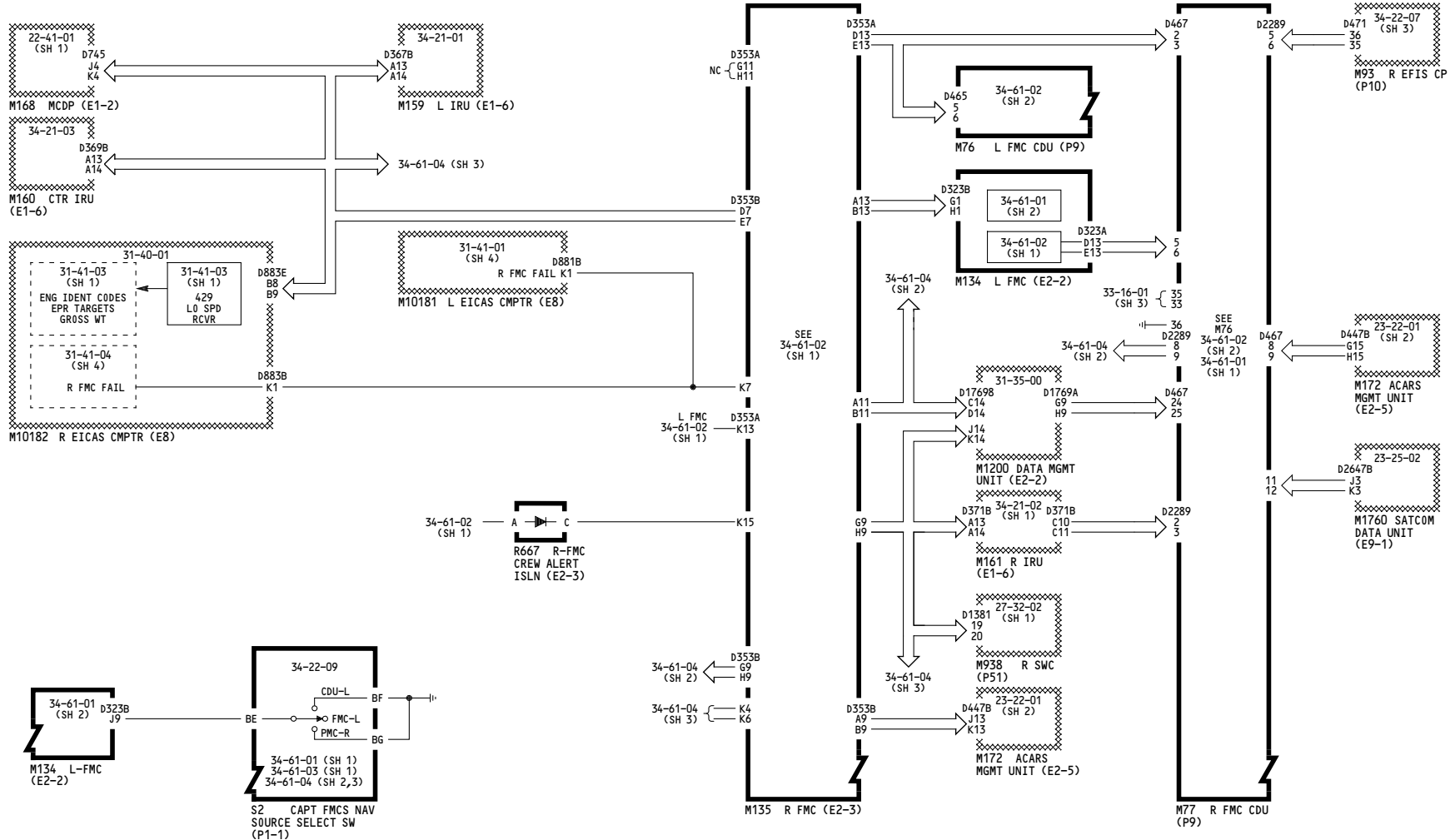
D280T232

- Incorporates**
- ▶ 22-0062
 - ▶ 34-0167
 - ▶ 34-0168
 - ▶ EOC EB34-0359-02
 - ▶ MTO-230589

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WIRING DIAGRAMS
34-61-21
34-61-25

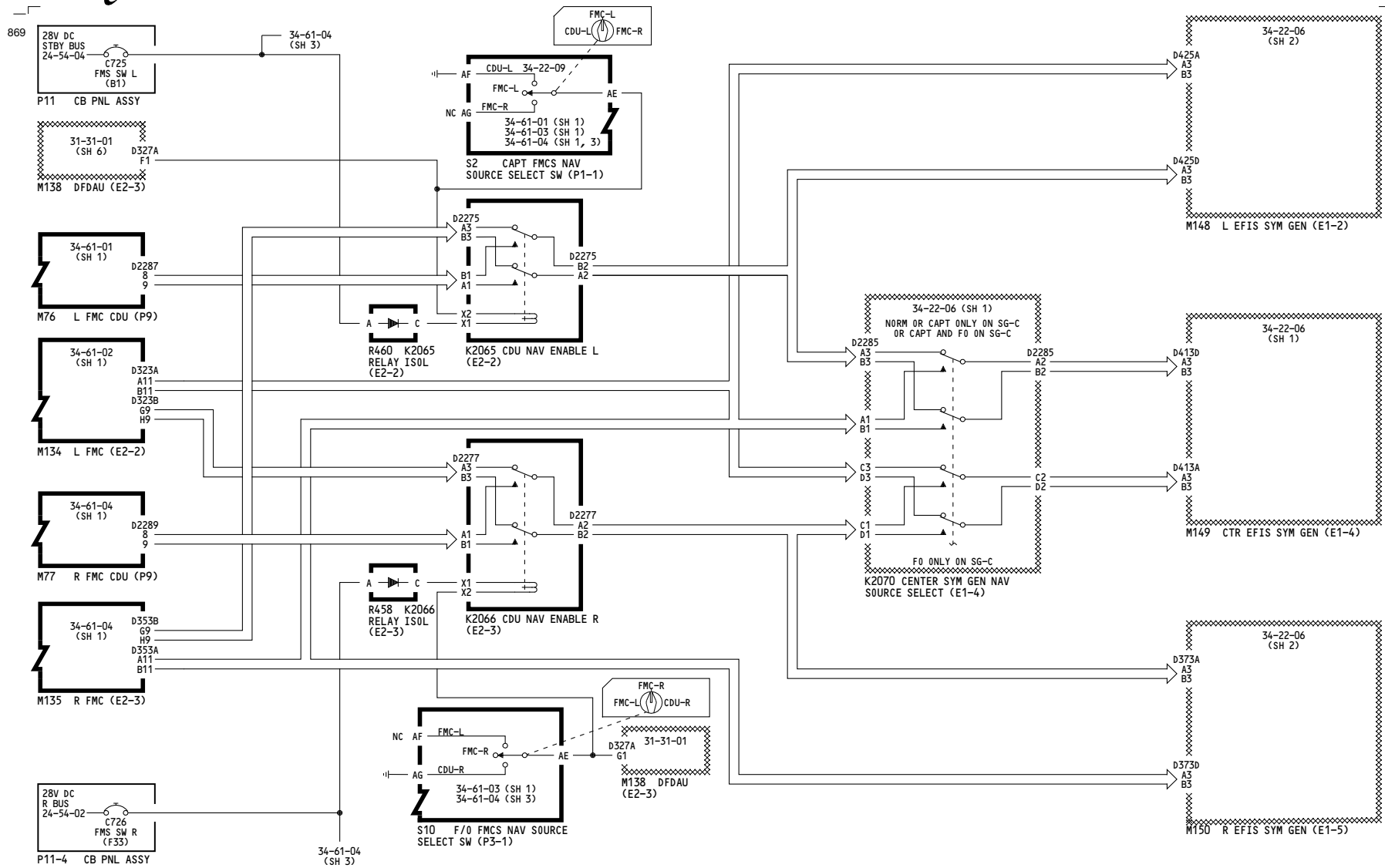


277-280	<p>FLIGHT MANAGEMENT COMPUTER OUTPUTS- RIGHT</p> <p>D280T232</p>
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Incorporates
 → 34-0131
 → 34-0241

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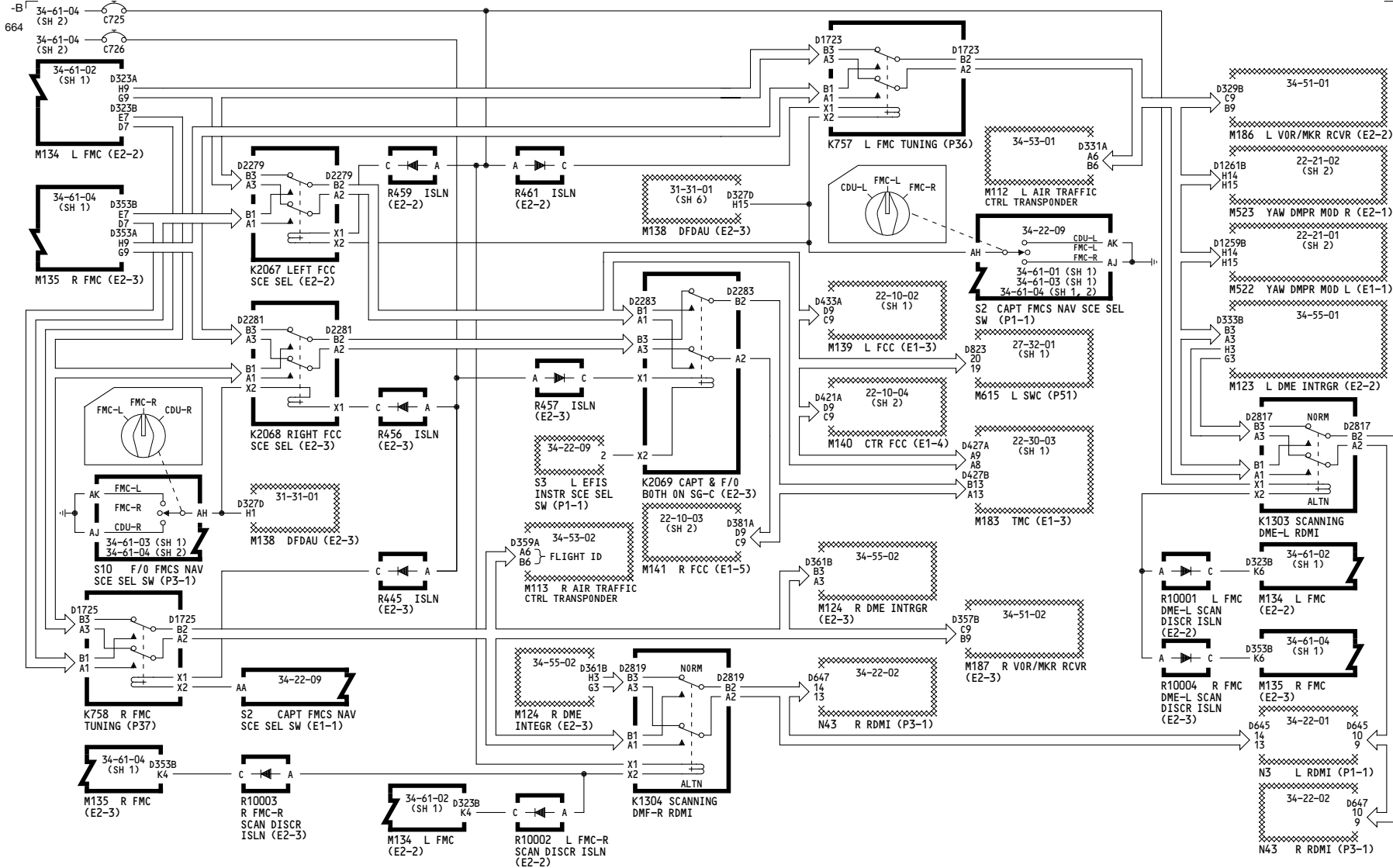
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COMPUTER OUTPUTS-
RIGHT**

Incorporates
34-0131

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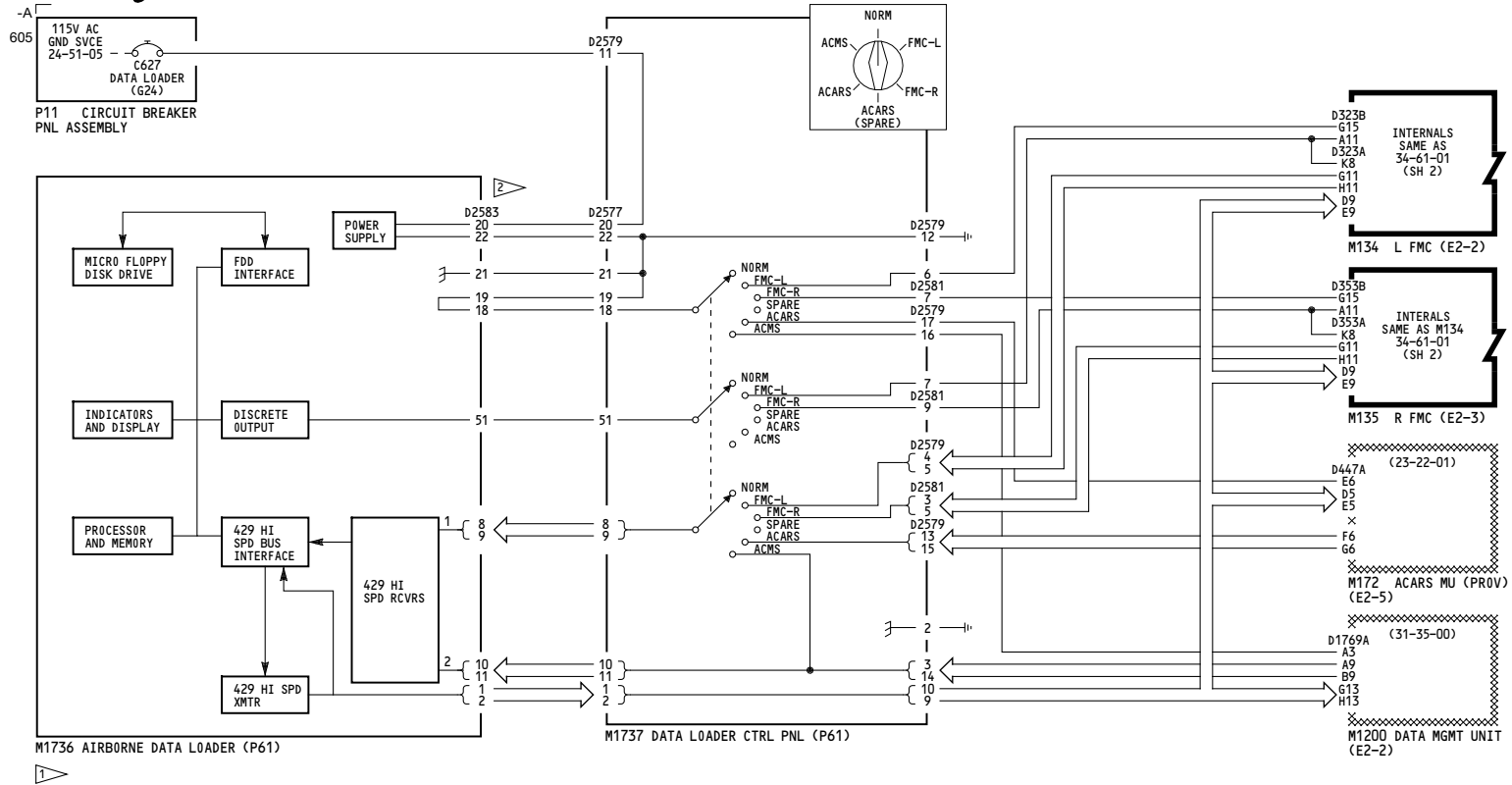
**FLIGHT MANAGEMENT
COMPUTER OUTPUTS-
RIGHT**

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- Incorporates
- ▶ 22-0062
 - ▶ 34-0131
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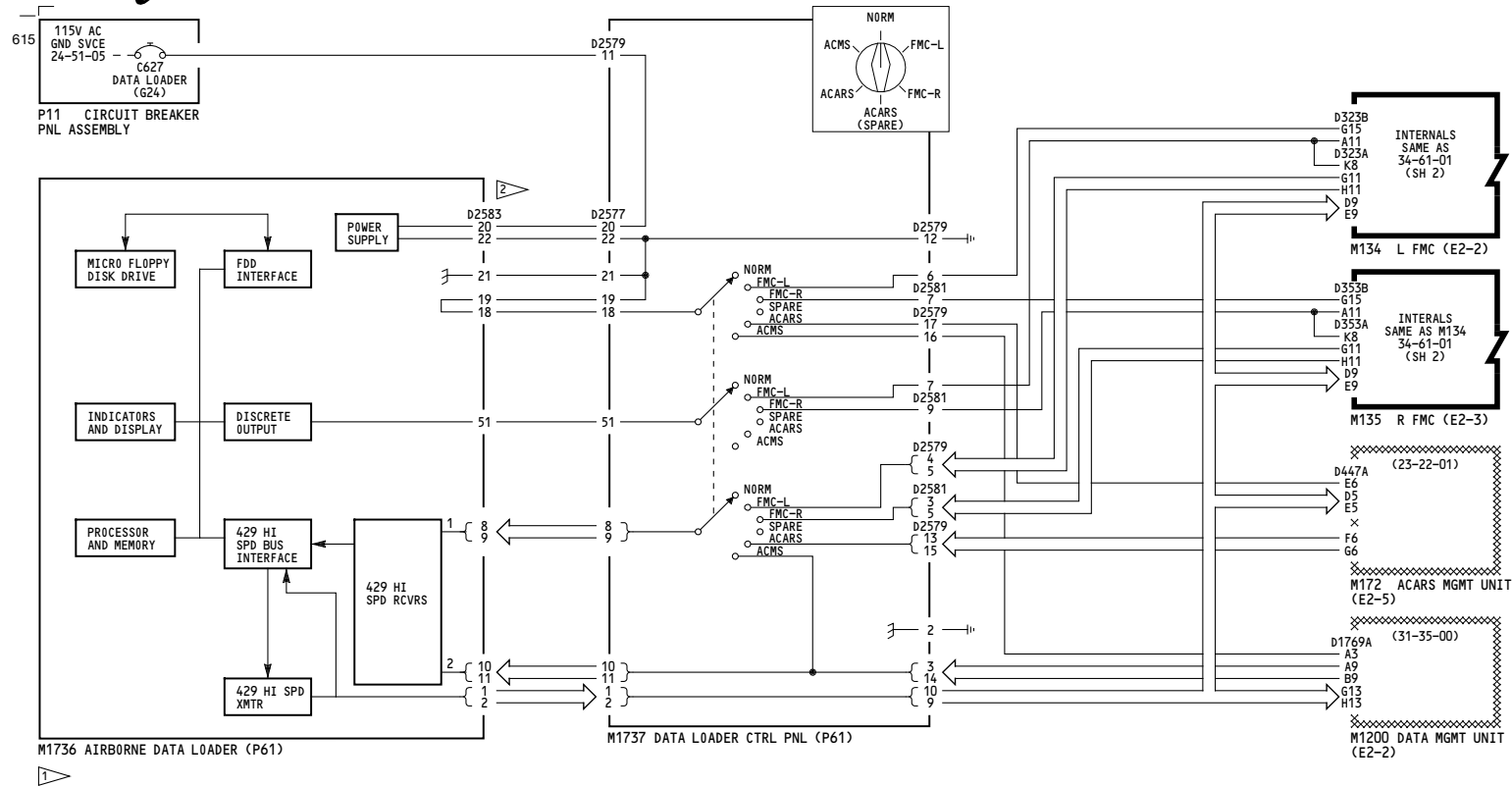
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- NOTES:
- 1 M1736 IS PROVISIONAL FOR VN221-VN221
 - 2 D2583 IS CAPPED AND STOWED FOR VN221-VN221

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D280T232	



- NOTES:
- ① M1736 IS PROVISIONAL FOR VN221-VN221
 - ② D2583 IS CAPPED AND STOWED FOR VN221-VN221

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