

**CHAPTER**

**33**

**LIGHTS**



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			2	Jan 21/2005		103.1A		1	Jan 21/2005
			3	Jan 21/2005				2	Jan 21/2005
			4	Jan 21/2005				3	Jan 21/2005
	101.2		1	Jan 21/2005				4	Jan 21/2005
			2	Jan 21/2005		103.2A		1	Jan 21/2005
			3	Jan 21/2005				2	Jan 21/2005
			4	Jan 21/2005				3	Jan 21/2005
	101.3B		1	Jan 21/2005				4	Jan 21/2005
			2	Jan 21/2005		103.3A		1	Jan 21/2005
			3	Jan 21/2005				2	Jan 21/2005
			4	Jan 21/2005				3	Jan 21/2005
	101.4C		1	Jan 21/2005				4	Jan 21/2005
			2	Jan 21/2005		104.1A		1	Jan 21/2005
			3	Jan 21/2005				2	Jan 21/2005
			4	Jan 21/2005				3	Jan 21/2005
	102.1A		1	Jan 21/2005				4	Jan 21/2005
			2	Jan 21/2005		105A		1	Jan 21/2005
			3	Jan 21/2005				2	Jan 21/2005
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	103A		1	Jan 21/2005				4	Jan 21/2005
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			4	Jan 21/2005					
	106A		1	Jan 21/2005			101	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
			3	Jan 21/2005				3	Jan 21/2005
			4	Jan 21/2005				4	Jan 21/2005
	107A		1	Jan 21/2005			101.1A	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
			3	Jan 21/2005				3	Jan 21/2005
			4	Jan 21/2005				4	Jan 21/2005
	107.1A		1	Jan 21/2005			101.2	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
			3	Jan 21/2005				3	Jan 21/2005
			4	Jan 21/2005				4	Jan 21/2005
	108.1A		1	Jan 21/2005			101.3	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
			3	Jan 21/2005				3	Jan 21/2005
			4	Jan 21/2005				4	Jan 21/2005
	109.1A		1	Jan 21/2005			101.4B	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
			3	Jan 21/2005				3	Jan 21/2005
			4	Jan 21/2005				4	Jan 21/2005
							102.1A	1	Jan 21/2005

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			4	Jan 21/2005				3	Jan 21/2005
	103A		1	Jan 21/2005				4	Jan 21/2005
			2	Jan 21/2005		105.1A		1	Jan 21/2005
			3	Jan 21/2005				2	Jan 21/2005
			4	Jan 21/2005				3	Jan 21/2005
			5	Jan 21/2005				4	Jan 21/2005
	103.1A		1	Jan 21/2005		106A		1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
			3	Jan 21/2005				3	Jan 21/2005
			4	Jan 21/2005				4	Jan 21/2005
			5	Jan 21/2005		107A		1	Jan 21/2005
	103.2A		1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005				3	Jan 21/2005
			3	Jan 21/2005				4	Jan 21/2005
			4	Jan 21/2005				5	Jan 21/2005
			5	Jan 21/2005		107.1A		1	Jan 21/2005
	104.1A		1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005				3	Jan 21/2005
			3	Jan 21/2005				4	Jan 21/2005
			4	Jan 21/2005				5	Jan 21/2005
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			4	Jan 21/2005		101A		1	Jan 21/2005
	108.1		1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005				3	Jan 21/2005
			3	Jan 21/2005		102		1	Jan 21/2005
			4	Jan 21/2005				2	Jan 21/2005
	109.1		1	Jan 21/2005				3	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		104		1	Jan 21/2005
	110.1		1	Jan 21/2005				2	Jan 21/2005
			2	Jan 21/2005		105.1A		1	Jan 21/2005
			3	Jan 21/2005				2	Jan 21/2005
			4	Jan 21/2005	33-21-02				
	111.1		1	Jan 21/2005		101			Jan 21/2005
			2	Jan 21/2005		102A			Jan 21/2005
			3	Jan 21/2005		103			Jan 21/2005
			4	Jan 21/2005		104			Jan 21/2005
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	102			Jan 21/2005		101A		1	Jan 21/2005
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		103A	1	Jan 21/2005			102A	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
		104A	1	Jan 21/2005			103	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
		105A	1	Jan 21/2005			104		Jan 21/2005
			2	Jan 21/2005			105		Jan 21/2005
		106A	1	Jan 21/2005	33-24-01				
			2	Jan 21/2005			101	1	Jan 21/2005
		107		Jan 21/2005				2	Jan 21/2005
		108		Jan 21/2005			102A	1	Jan 21/2005
33-22-01								2	Jan 21/2005
		101A	1	Jan 21/2005			103	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
		102A	1	Jan 21/2005			104A	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
		103	1	Jan 21/2005			105	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
		104A	1	Jan 21/2005			106	1	Jan 21/2005
			2	Jan 21/2005				2	Jan 21/2005
		105		Jan 21/2005	33-25-01				
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		105		Jan 21/2005	33-30-00				
		106		Jan 21/2005			101		Jan 21/2005
33-26-01							102		Jan 21/2005
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		102.1		Jan 21/2005			101		Jan 21/2005
		103		Jan 21/2005	33-31-02				
		104		Jan 21/2005			101		Jan 21/2005
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33-26-02							101		Jan 21/2005
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		102A		Jan 21/2005			101		Jan 21/2005
		103A		Jan 21/2005			102		Jan 21/2005
		104		Jan 21/2005	33-37-01				
		105A		Jan 21/2005			101		Jan 21/2005
		106		Jan 21/2005			102		Jan 21/2005
		107		Jan 21/2005	33-37-02				
		108		Jan 21/2005			101		Jan 21/2005
33-27-01							102		Jan 21/2005
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		102		Jan 21/2005			101		Jan 21/2005

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33-42-01		101		Jan 21/2005				2	Jan 21/2005
33-42-02		101		Jan 21/2005			105	1	Jan 21/2005
33-43-01		101		Jan 21/2005				2	Jan 21/2005
33-44-01		101		Jan 21/2005			106	1	Jan 21/2005
33-45-01		101		Jan 21/2005				2	Jan 21/2005
		102		Jan 21/2005				3	Jan 21/2005
		102.1		Mar 14/2007				3	Sep 04/2008
33-51-01		101	1	Jan 21/2005					
			2	Jan 21/2005					
			3	Jan 21/2005					
		102A	1	Jan 21/2005					
			2	Jan 21/2005					
			3	Sep 04/2008					
		103	1	Jan 21/2005					
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			3	Sep 04/2008					

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<b><u>FLIGHT COMPARTMENT ILLUMINATION</u></b>							
PANEL FLOOD LIGHTS	33-11-01		101	1	Jan 21/2005	050-099	
					2	Jan 21/2005	050-099
			102	1	Jan 21/2005	275-299	
					2	Jan 21/2005	275-299
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<b><u>INTEGRAL PANEL LIGHTS</u></b>							
INSTRUMENT AND PANEL LIGHTS	33-13-01		101	1	Jan 21/2005	150-154	
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			101.2	1	Jan 21/2005	151
				2	Jan 21/2005	151
				3	Jan 21/2005	151
				4	Jan 21/2005	151
			101.3B	1	Jan 21/2005	152
				2	Jan 21/2005	152
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			101.4C	1	Jan 21/2005	154
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		103.2A		1	Jan 21/2005	166
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		103.3A		1	Jan 21/2005	167
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				3	Jan 21/2005	167
				4	Jan 21/2005	167
		104.1A		1	Jan 21/2005	157
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		105A		1	Jan 21/2005	162
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				4	Jan 21/2005	163-165
			107A	1	Jan 21/2005	275
				2	Jan 21/2005	275
				3	Jan 21/2005	275
				4	Jan 21/2005	275
			107.1A	1	Jan 21/2005	275
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				3	Jan 21/2005	275
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			101.1A	1	Jan 21/2005	150 153
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				3	Jan 21/2005	150 153
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			101.2	1	Jan 21/2005	151
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			101.3	1	Jan 21/2005	152
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					4	Jan 21/2005	155
				103A	1	Jan 21/2005	156 166
					2	Jan 21/2005	156 166
					3	Jan 21/2005	156 166
					4	Jan 21/2005	156 166
					5	Jan 21/2005	156 166
				103.1A	1	Jan 21/2005	156
					2	Jan 21/2005	156
					3	Jan 21/2005	156
					4	Jan 21/2005	156
					5	Jan 21/2005	156
				103.2A	1	Jan 21/2005	166
					2	Jan 21/2005	166
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				3	Jan 21/2005	162
				4	Jan 21/2005	162
			105.1A	1	Jan 21/2005	162
				2	Jan 21/2005	162
				3	Jan 21/2005	162
				4	Jan 21/2005	162
			106A	1	Jan 21/2005	163-165
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				3	Jan 21/2005	163-165
				4	Jan 21/2005	163-165
			107A	1	Jan 21/2005	167
				2	Jan 21/2005	167
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				4	Jan 21/2005	167
				5	Jan 21/2005	167
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					4	Jan 21/2005	275
			108.1		1	Jan 21/2005	275
					2	Jan 21/2005	275
					3	Jan 21/2005	275
					4	Jan 21/2005	275
			109.1		1	Jan 21/2005	276 278
					2	Jan 21/2005	276 278
					3	Jan 21/2005	276 278
					4	Jan 21/2005	276 278
			110.1		1	Jan 21/2005	277
					2	Jan 21/2005	277
					3	Jan 21/2005	277
					4	Jan 21/2005	277
			111.1		1	Jan 21/2005	280
					2	Jan 21/2005	280
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			102	1	Jan 21/2005	150-199
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			103.1A	1	Jan 21/2005	275-277
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			104	1	Jan 21/2005	278
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			103A	1	Jan 21/2005	151-152
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			104A	1	Jan 21/2005	157
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			105A	1	Jan 21/2005	162-163
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			106A	1	Jan 21/2005	164-167
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			107		Jan 21/2005	275-278
			108		Jan 21/2005	280-299
		<b><u>PASSENGER LOADING LIGHTS</u></b>				
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				2	Jan 21/2005	050-051
			102A	1	Jan 21/2005	150 153-157
				2	Jan 21/2005	150 153-157
			103	1	Jan 21/2005	151-152
				2	Jan 21/2005	151-152
			104A	1	Jan 21/2005	162-167
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				2	Jan 21/2005	050-099
			102A	1	Jan 21/2005	150 152-167
				2	Jan 21/2005	150 152-167
			103	1	Jan 21/2005	151
				2	Jan 21/2005	151
			104		Jan 21/2005	275-278
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<b>PASSENGER SIGNS</b>						
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				2	Jan 21/2005	050-099
			102A	1	Jan 21/2005	150 152-157
				2	Jan 21/2005	150 152-157
			103	1	Jan 21/2005	151
				2	Jan 21/2005	151
			104A	1	Jan 21/2005	162-167
				2	Jan 21/2005	162-167
			105	1	Jan 21/2005	275-278
				2	Jan 21/2005	275-278
			106	1	Jan 21/2005	280-299
				2	Jan 21/2005	280-299



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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
<b><u>PASSENGER CALL LIGHTS</u></b>						
LAVATORY CALL	33-25-01		101		Jan 21/2005	050-099
			102		Jan 21/2005	150-154 156 162-199
			103		Jan 21/2005	155 157
			104		Jan 21/2005	275-276
			105		Jan 21/2005	277-278
			106		Jan 21/2005	280-299
<b><u>LAVATORY LIGHTS</u></b>						
LAVATORY LIGHTS- MIRROR	33-26-01		101		Jan 21/2005	050-099
			102.1		Jan 21/2005	150
			103		Jan 21/2005	151-199
			104		Jan 21/2005	275-278
			105		Jan 21/2005	280-299
LAVATORY LIGHTS- DOME AND OCCUPIED	33-26-02		101A		Jan 21/2005	050-051
			102A		Jan 21/2005	150-154
			103A		Jan 21/2005	155
			104		Jan 21/2005	156-157
			105A		Jan 21/2005	162-165
			106		Jan 21/2005	166-199
			107		Jan 21/2005	275-278
			108		Jan 21/2005	280-299
<b><u>GALLEY LIGHTS</u></b>						
GALLEY LIGHTS	33-27-01		101		Jan 21/2005	050-099

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LIGHTS

Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
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			103		Jan 21/2005	162-199
			104		Jan 21/2005	275-278
			105		Jan 21/2005	280-299
<b><u>CARGO AND SERVICE COMPARTMENTS</u></b>						
SERVICE LIGHTS- SIMPLIFIED	33-30-00		101		Jan 21/2005	050-099 150-199
			102		Jan 21/2005	280-299
<b><u>SERVICE LIGHTS</u></b>						
WHEEL WELL LIGHTS	33-31-01		101		Jan 21/2005	ALL
AIR CONDITIONING AUX POWER UNIT AND TAIL CONE COMPARTMENT LIGHTS	33-31-02		101		Jan 21/2005	ALL
ELECTRICAL AND ELECTRONIC EQUIPMENT CENTER LIGHTS	33-31-03		101		Jan 21/2005	ALL
CARGO LOAD EXTERIOR LIGHTS	33-31-04		101		Jan 21/2005	050-099 150-199
			102		Jan 21/2005	275-299
<b><u>LOWER LOBE COMPARTMENT LIGHTS</u></b>						
LOWER CARGO COMPARTMENT LIGHTS- FORWARD	33-37-01		101		Jan 21/2005	050-099
			102		Jan 21/2005	150-199 275-299
LOWER LOBE CARGO COMPARTMENT LIGHTS- AFT	33-37-02		101		Jan 21/2005	050-099
			102		Jan 21/2005	150-199 275-299
<b><u>EXTERIOR</u></b>						
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<b><u>LANDING AND RUNWAY TURNOFF LIGHTS</u></b>							
LANDING LIGHTS	33-42-01		101		Jan 21/2005	ALL	
RUNWAY TURNOFF AND TAXI LIGHTS	33-42-02		101		Jan 21/2005	ALL	
<b><u>POSITION LIGHTS</u></b>							
POSITION LIGHTS	33-43-01		101		Jan 21/2005	150-199 275-299	
<b><u>ANTI-COLLISION LIGHTS</u></b>							
ANTI-COLLISION LIGHTS	33-44-01		101		Jan 21/2005	ALL	
<b><u>LOGO LIGHTS</u></b>							
LOGO LIGHTS	33-45-01		101		Jan 21/2005	050-099	
			102		Jan 21/2005	150-199 275-299	
			102.1		Mar 14/2007	150 275	
<b><u>EMERGENCY LIGHTS</u></b>							
EMERGENCY LIGHTS	33-51-01		101	1	Jan 21/2005	050-099	
				2	Jan 21/2005	050-099	
				3	Jan 21/2005	050-099	
				102A	1	Jan 21/2005	150 152-157
					2	Jan 21/2005	150 152-157
					3	Sep 04/2008	150 152-157
				103	1	Jan 21/2005	151
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Title	CH-SC-SU	Schem	Page	Sheet	Date	Effectivity
EMERGENCY LIGHTS (cont.)	33-51-01		104A	1	Jan 21/2005	162-167
				2	Jan 21/2005	162-167
				3	Sep 04/2008	162-167
			105	1	Jan 21/2005	275-278
				2	Jan 21/2005	275-278
				3	Jan 21/2005	275-278
			106	1	Jan 21/2005	280-299
				2	Jan 21/2005	280-299
				3	Sep 04/2008	280-299

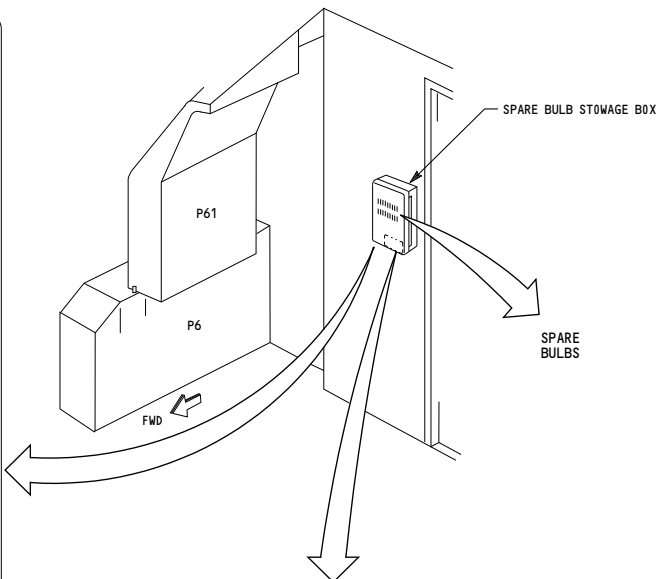
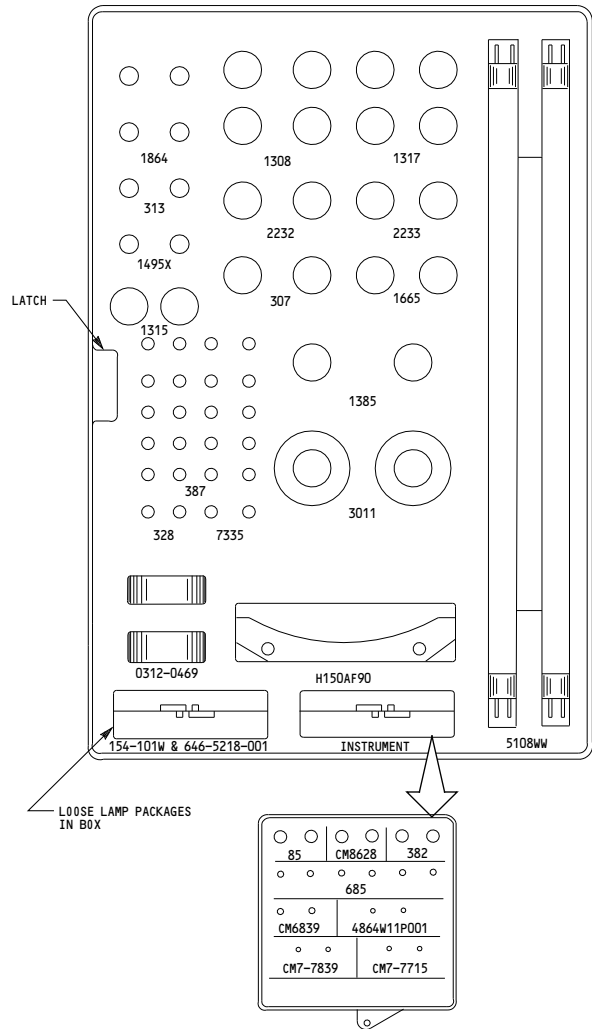
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LIGHTS**

CH-SC-SU	Title
33-31-02	AIR CONDITIONING AUX POWER UNIT AND TAIL CONE COMPARTMENT LIGHTS
33-44-01	ANTI-COLLISION LIGHTS
33-31-04	CARGO LOAD EXTERIOR LIGHTS
33-14-01	CHART MAP AND UTILITY LIGHTS
33-22-02	DIRECT CEILING LIGHTS
33-11-02	DOME LIGHTS
33-31-03	ELECTRICAL AND ELECTRONIC EQUIPMENT CENTER LIGHTS
33-51-01	EMERGENCY LIGHTS
33-22-01	ENTRY CLOSET AND WORK LIGHTS
33-40-00	EXTERIOR LIGHTS- SIMPLIFIED
33-10-00	FLIGHT COMPARTMENT LIGHTS SIMPLIFIED
33-27-01	GALLEY LIGHTS
33-21-01	INDIRECT CEILING AND PARTITION LIGHTS
33-13-01	INSTRUMENT AND PANEL LIGHTS
33-42-01	LANDING LIGHTS
33-25-01	LAVATORY CALL
33-26-02	LAVATORY LIGHTS- DOME AND OCCUPIED
33-26-01	LAVATORY LIGHTS- MIRROR

CH-SC-SU	Title
33-45-01	LOGO LIGHTS
33-37-01	LOWER CARGO COMPARTMENT LIGHTS- FORWARD
33-37-02	LOWER LOBE CARGO COMPARTMENT LIGHTS- AFT
33-16-01	MASTER DIM AND TEST
33-21-02	NIGHT LIGHTS
33-11-01	PANEL FLOOD LIGHTS
33-20-00	PASSENGER COMPARTMENT LIGHTS- SIMPLIFIED
33-24-01	PASSENGER SIGNS
33-43-01	POSITION LIGHTS
33-42-02	RUNWAY TURNOFF AND TAXI LIGHTS
33-30-00	SERVICE LIGHTS- SIMPLIFIED
33-21-03	SEAWALL LIGHTS
33-00-01	SPARE BULB STOWAGE
33-31-01	WHEEL WELL LIGHTS
33-41-01	WING ILLUMINATION LIGHTS

**33-ALPHABETICAL INDEX**

LAMP NUMBER	USAGE
85	ATTENDANT PANEL
154-101W	VALVE POSITION
307	MAP - CAPTAIN & FIRST OFFICER
0312-0469	BRAKE PRESSURE
313	UTILITY - CAPTAIN & FIRST OFFICER
328	AUDIO SELECTOR, STANDBY COMPASS
382	SMOKE DETECTOR
387	28V ANNUNCIATOR FIRE SWITCH FLIGHT DATA ENTRY FLIGHT RECORDER CONTROL FUEL CONDITIONER SWITCH PILOTS CALL ATTENDANT CALL LAVATORY CALL LAVATORY RETURN TO SEAT SIGNS LAVATORY OCCUPIED SIGNS PASSENGER SIGNS POWER ON
646-5218-001	RADIO DISTANCE MAGNETIC IND (RDMI)
685	5V AC INSTRUMENT & PANEL LIGHTED PUSH-BUTTON SWITCHES
1308	MAP - FIRST & SECOND OBSERVER PASSENGER READING
1315	EMERGENCY - INTERIOR
1317	EMERGENCY - EXTERIOR
1385	FLOOD - AISLE STAND
1495X	UTILITY - FIRST & SECOND OBSERVER CARGO CONTROL PANEL
1665	FLIGHT DECK DOME ELECTRICAL EQUIPMENT CENTER
1864	CHART WORK TABLE NIGHT CLOSET
2232	ATTENDANT WORK AIR CONDITIONER COMPARTMENTS TAILCONE COMPARTMENT APU COMPARTMENT
2233	THRESHOLD LAVATORY DOME
3011	CARGO COMPARTMENTS WHEEL WELLS
4864W11P001	ENGINE STANDBY
5108WW	FLOOD - RIGHT SIDE PANEL & PILOT
7335	EXIT SIGNS
CM7-7715	CLOCK FLAP POSITION RUDDER TRIM
CM7-7839	ALTIMETER
CM6839	FLIGHT MANAGEMENT COMPUTER CONTROL
CM8628	EXIT SIGNS
H150AF90	STANDBY ATTITUDE



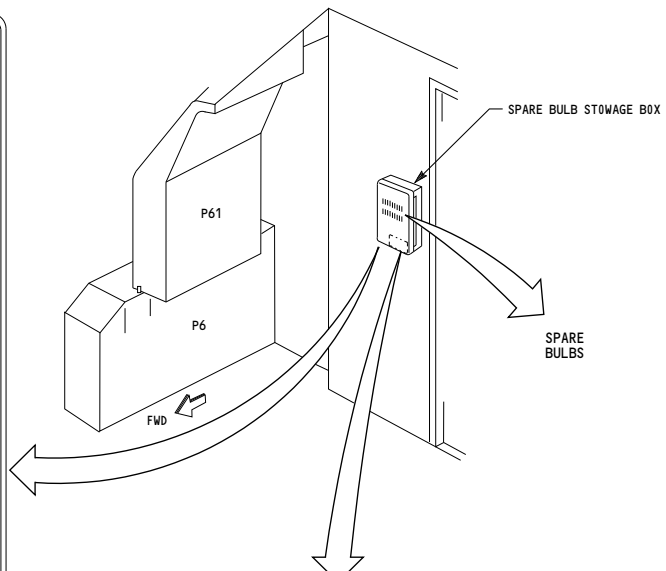
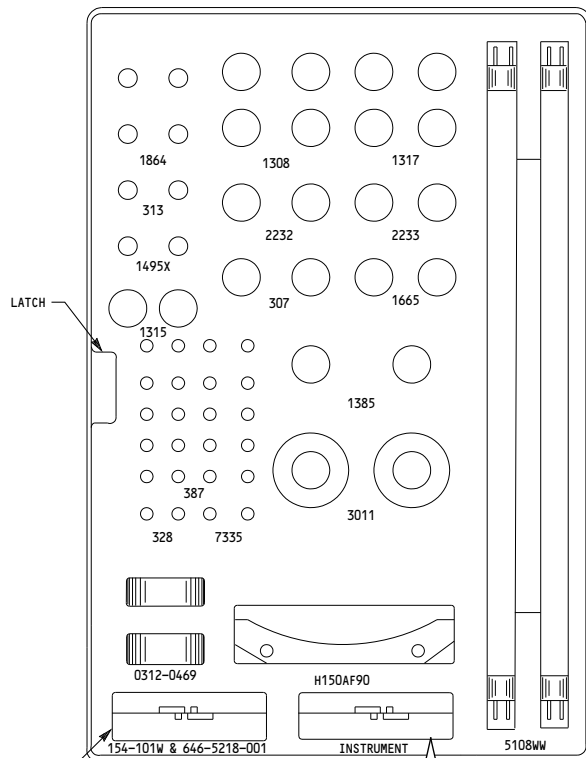
**CAUTION**

AFTER RELAMPING LIGHTED PUSH BUTTON SWITCHES, THE CAP ASSEMBLY MUST BE PRESSED BACK INTO THE BASE WITH A SINGLE ACTION TO PREVENT SWITCH ACTUATION. WHEN INADVERTENT SYSTEM ACTUATION CAN CAUSE AN UNDESIRABLE EVENT, (GENERATOR DRIVE DISCONNECT FOR EXAMPLE), THE ASSOCIATED SYSTEM CIRCUIT BREAKER (S) SHOULD BE OPENED TO REMOVE POWER FROM THE SWITCH PRIOR TO RELAMPING.

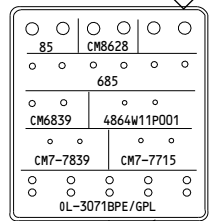
(COVER NOT SHOWN ON SPARE BULB STORAGE BOX AND INSTRUMENT BULB BOX)

050-099, 150-199	<b>SPARE BULB STOWAGE</b>
	D280T232

-C	LAMP	USAGE
608	85	CARGO CONTROL PANEL
	154-101W	VALVE POSITION
	307	MAP - CAPTAIN & FIRST OFFICER
	0312-0469	BRAKE PRESSURE
	313	UTILITY - CAPTAIN & FIRST OFFICER
	328	AUDIO SELECTOR, STANDBY COMPASS
	387	28V ANNUNCIATOR FIRE SWITCH FLIGHT DATA ENTRY FLIGHT RECORDER CONTROL FUEL CONDITIONER SWITCH PILOTS CALL POWER ON
	646-5218-001	RADIO DISTANCE MAGNETIC IND (RDMI)
	685	5V AC INSTRUMENT & PANEL LIGHTED PUSH-BUTTON SWITCHES
	1308	MAP - FIRST & SECOND OBSERVER SUPERNUMERARY
	1317	EMERGENCY - INTERIOR
	1317	EMERGENCY - EXTERIOR
	1385	FLOOD - AISLE STAND
	1495X	UTILITY - FIRST & SECOND OBSERVER CARGO CONTROL PANEL
	1665	FLIGHT DECK DOME, LAVATORY DOME ELECTRICAL EQUIPMENT CENTER
	1864	CHART WORK TABLE
	2232	AIR CONDITIONER COMPARTMENTS TAILCONE COMPARTMENT APU COMPARTMENT
	2233	DOOR THRESHOLD
	3011	CARGO COMPARTMENTS WHEEL WELLS
	4864W11P001	ENGINE STANDBY
	5108WW	FLOOD - PILOT
	7335	EXIT SIGNS
	CM7-7715	CLOCK FLAP POSITION RUDDER TRIM
	CM7-7839	ALTIMETER
	CM6839	FLIGHT MANAGEMENT COMPUTER CONTROL
	CM8628	EXIT SIGNS
	H150AF90	STANDBY ATTITUDE



**CAUTION**  
 AFTER RELAMPING LIGHTED PUSH BUTTON SWITCHES, THE CAP ASSEMBLY MUST BE PRESSED BACK INTO THE BASE WITH A SINGLE ACTION TO PREVENT SWITCH ACTUATION. WHEN INADVERTENT SYSTEM ACTUATION CAN CAUSE AN UNDESIRABLE EVENT, (GENERATOR DRIVE DISCONNECT FOR EXAMPLE), THE ASSOCIATED SYSTEM CIRCUIT BREAKER (S) SHOULD BE OPENED TO REMOVE POWER FROM THE SWITCH PRIOR TO RELAMPING.



(COVER NOT SHOWN ON SPARE BULB STORAGE BOX AND INSTRUMENT BULB BOX)



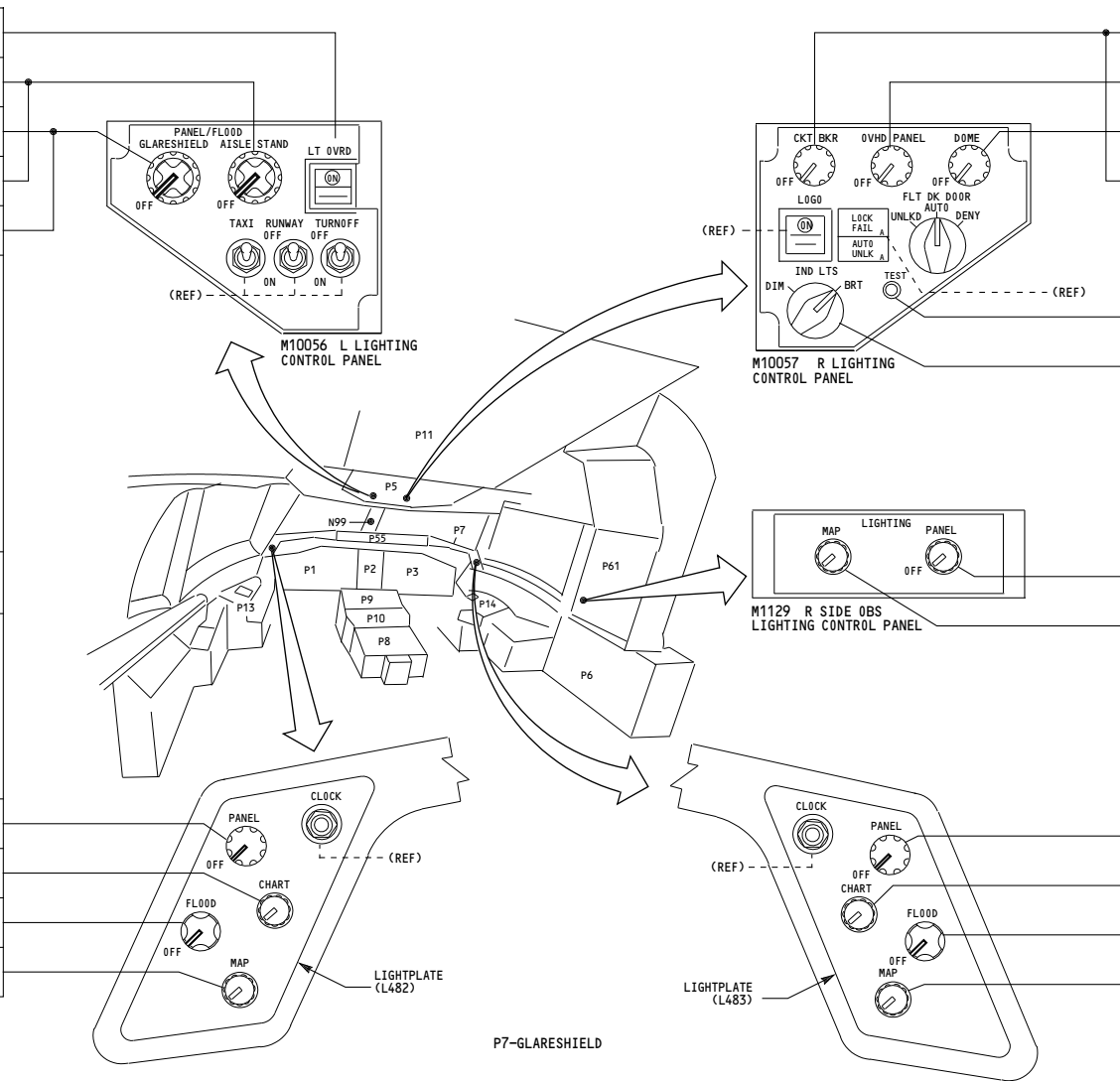
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33-11-01 (SH 1)	LIGHT OVERRIDE
33-11-01 (SH 2) (INNER KNOB)	AISLE STAND FLOOD LIGHT
	GLARESHIELD FLOOD LIGHT
33-13-01 (SH 2) (OUTER KNOB)	AISLE STAND PANEL AND INSTRUMENT LIGHTS
33-13-01 (SH 1) (OUTER KNOB)	GLARESHIELD PANEL LIGHTS
33-14-01	UTILITY LIGHTS (INDIVIDUALLY CONTROLLED)
33-13-01 (SH 1)	CAPTAINS INSTRUMENT PANEL LIGHTS
33-14-01	CAPTAINS CHART LIGHTS
33-11-01 (SH 1)	CAPTAINS AND CENTER PANEL FLOOD LIGHTS
33-14-01	CAPTAINS MAP LIGHTS



P11 CIRCUIT BREAKER PANEL LIGHTS	33-13-01 (SH 2)
OVERHEAD PANEL LIGHTS	33-13-01 (SH 2)
DOME LIGHTS	33-11-02
P6 POWER DISTRIBUTION PANEL FLOOD LIGHTS	33-11-01 (SH 2)
TEST CONTROL OF MD&T SYSTEM	33-16-01 (SH 1)
BRIGHT/DIM CONTROL OF MD&T SYSTEM	
RT SIDE OBS PANEL LIGHTS	33-13-01 (SH 1)
RT SIDE OBS MAP LIGHT	33-14-01
F/O INSTRUMENT PANEL LIGHTS	33-13-01 (SH 1)
F/O CHART LIGHTS	33-14-01
F/O INSTRUMENT PANEL FLOOD LIGHTS	33-11-01 (SH 1)
F/O MAP LIGHTS	33-14-01

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**FLIGHT COMPARTMENT LIGHTS SIMPLIFIED**

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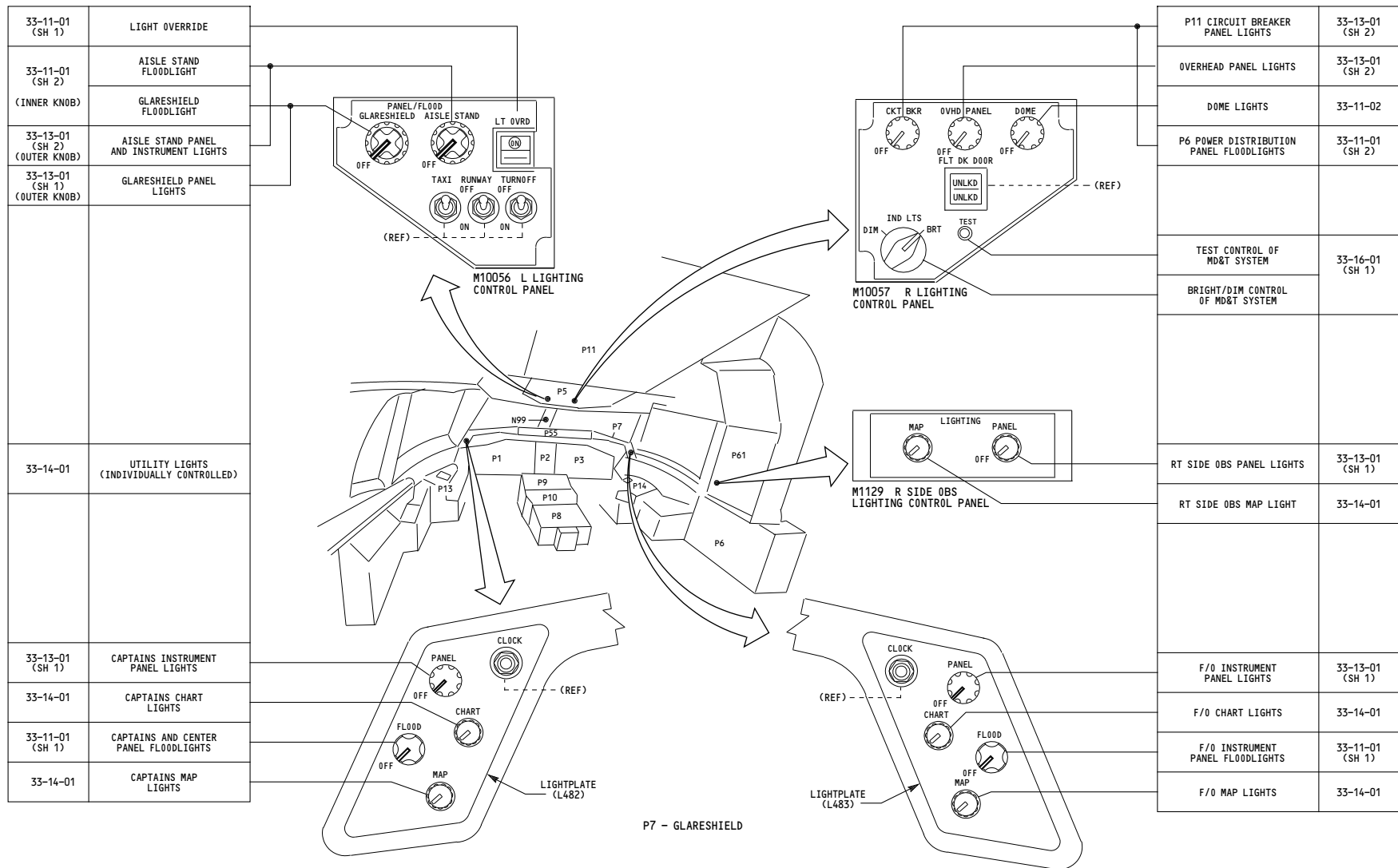
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33-11-01 (SH 1)	LIGHT OVERRIDE
33-11-01 (SH 2)	AISLE STAND FLOODLIGHT
(INNER KNOB)	GLARESHIELD FLOODLIGHT
33-13-01 (SH 2) (OUTER KNOB)	AISLE STAND PANEL AND INSTRUMENT LIGHTS
33-13-01 (SH 1) (OUTER KNOB)	GLARESHIELD PANEL LIGHTS
33-14-01	UTILITY LIGHTS (INDIVIDUALLY CONTROLLED)
33-13-01 (SH 1)	CAPTAINS INSTRUMENT PANEL LIGHTS
33-14-01	CAPTAINS CHART LIGHTS
33-11-01 (SH 1)	CAPTAINS AND CENTER PANEL FLOODLIGHTS
33-14-01	CAPTAINS MAP LIGHTS

P11 CIRCUIT BREAKER PANEL LIGHTS	33-13-01 (SH 2)
OVERHEAD PANEL LIGHTS	33-13-01 (SH 2)
DOME LIGHTS	33-11-02
P6 POWER DISTRIBUTION PANEL FLOODLIGHTS	33-11-01 (SH 2)
TEST CONTROL OF MD&T SYSTEM	33-16-01 (SH 1)
BRIGHT/DIM CONTROL OF MD&T SYSTEM	
RT SIDE OBS PANEL LIGHTS	33-13-01 (SH 1)
RT SIDE OBS MAP LIGHT	33-14-01
F/O INSTRUMENT PANEL LIGHTS	33-13-01 (SH 1)
F/O CHART LIGHTS	33-14-01
F/O INSTRUMENT PANEL FLOODLIGHTS	33-11-01 (SH 1)
F/O MAP LIGHTS	33-14-01

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**FLIGHT COMPARTMENT LIGHTS SIMPLIFIED**

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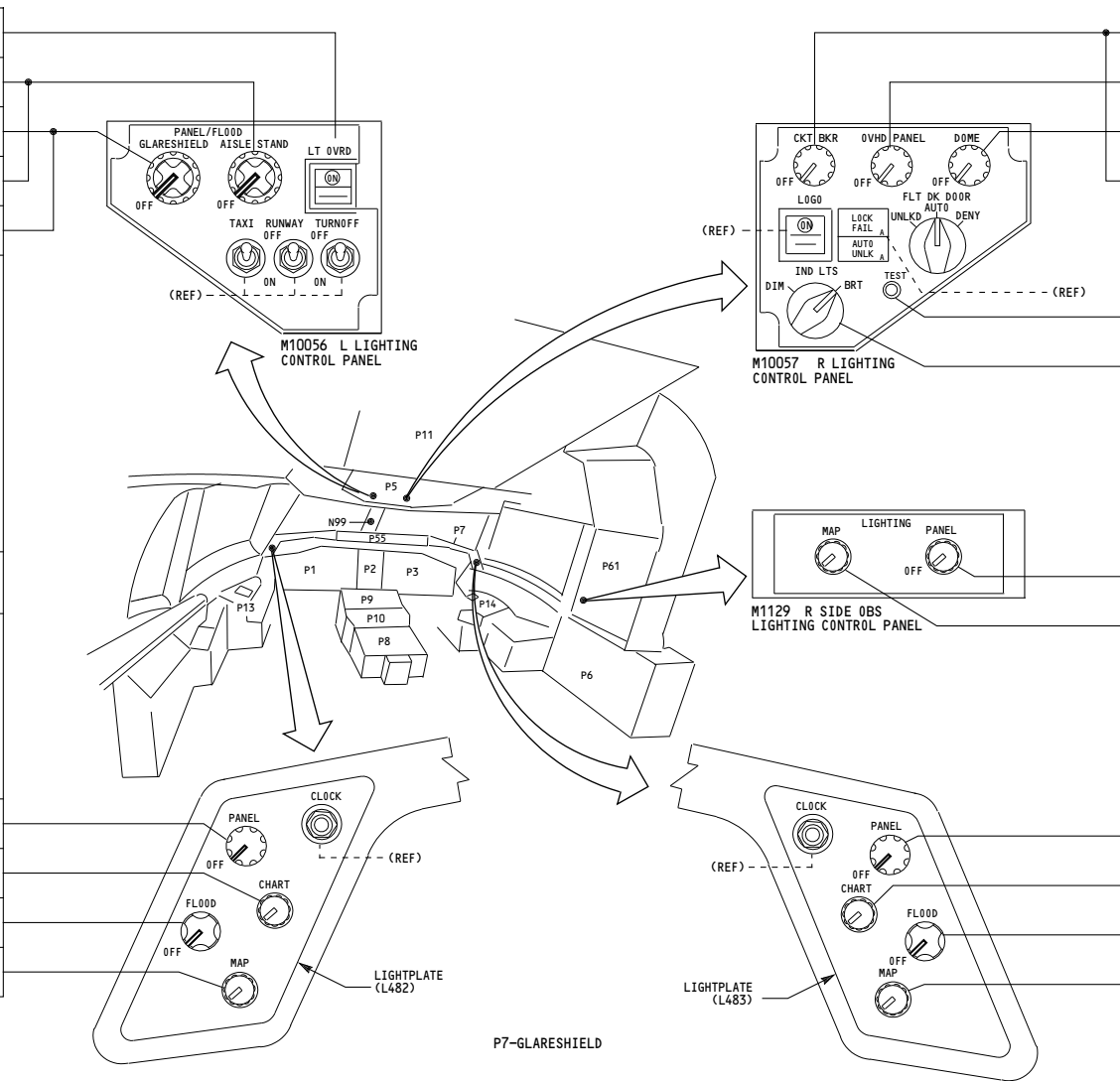
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33-11-01 (SH 1)	LIGHT OVERRIDE
33-11-01 (SH 2)	AISLE STAND FLOOD LIGHT
(INNER KNOB)	GLARESHIELD FLOOD LIGHT
33-13-01 (SH 2) (OUTER KNOB)	AISLE STAND PANEL AND INSTRUMENT LIGHTS
33-13-01 (SH 1) (OUTER KNOB)	GLARESHIELD PANEL LIGHTS
33-14-01	UTILITY LIGHTS (INDIVIDUALLY CONTROLLED)
33-13-01 (SH 1)	CAPTAINS INSTRUMENT PANEL LIGHTS
33-14-01	CAPTAINS CHART LIGHTS
33-11-01 (SH 1)	CAPTAINS AND CENTER PANEL FLOOD LIGHTS
33-14-01	CAPTAINS MAP LIGHTS



P11 CIRCUIT BREAKER PANEL LIGHTS	33-13-01 (SH 2)
OVERHEAD PANEL LIGHTS	33-13-01 (SH 2)
DOME LIGHTS	33-11-02
P6 POWER DISTRIBUTION PANEL FLOOD LIGHTS	33-11-01 (SH 2)
TEST CONTROL OF MD&T SYSTEM	33-16-01 (SH 1)
BRIGHT/DIM CONTROL OF MD&T SYSTEM	
RT SIDE OBS PANEL LIGHTS	33-13-01 (SH 1)
RT SIDE OBS MAP LIGHT	33-14-01
F/O INSTRUMENT PANEL LIGHTS	33-13-01 (SH 1)
F/O CHART LIGHTS	33-14-01
F/O INSTRUMENT PANEL FLOOD LIGHTS	33-11-01 (SH 1)
F/O MAP LIGHTS	33-14-01

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**FLIGHT COMPARTMENT LIGHTS SIMPLIFIED**

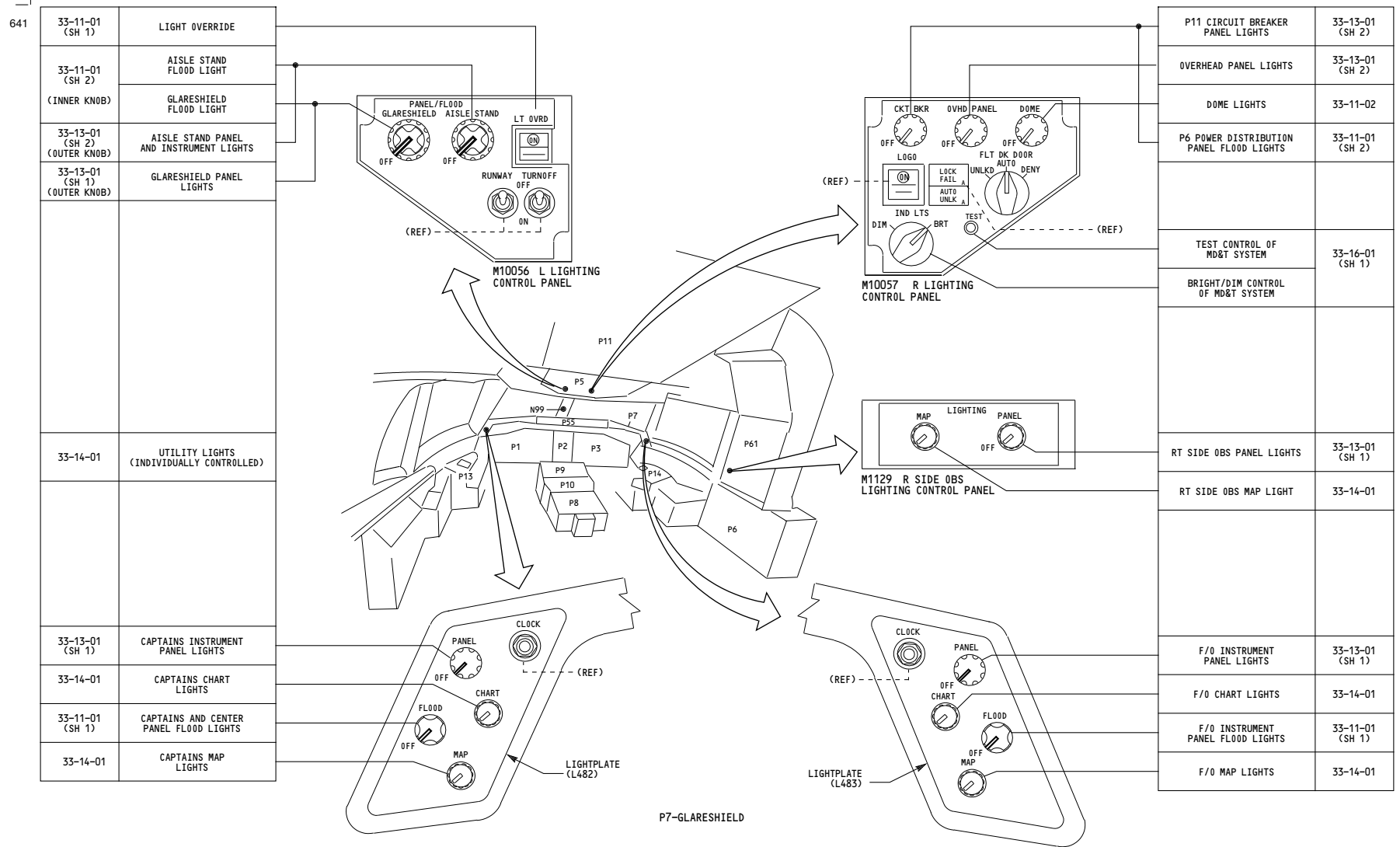
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	33-11-01 (SH 2)	AISLE STAND FLOOD LIGHT
	(INNER KNOB)	GLARESHIELD FLOOD LIGHT
	33-13-01 (SH 2) (OUTER KNOB)	AISLE STAND PANEL AND INSTRUMENT LIGHTS
	33-13-01 (SH 1) (OUTER KNOB)	GLARESHIELD PANEL LIGHTS
	33-14-01	UTILITY LIGHTS (INDIVIDUALLY CONTROLLED)
	33-13-01 (SH 1)	CAPTAINS INSTRUMENT PANEL LIGHTS
	33-14-01	CAPTAINS CHART LIGHTS
	33-11-01 (SH 1)	CAPTAINS AND CENTER PANEL FLOOD LIGHTS
	33-14-01	CAPTAINS MAP LIGHTS

P11 CIRCUIT BREAKER PANEL LIGHTS	33-13-01 (SH 2)
OVERHEAD PANEL LIGHTS	33-13-01 (SH 2)
DOME LIGHTS	33-11-02
P6 POWER DISTRIBUTION PANEL FLOOD LIGHTS	33-11-01 (SH 2)
TEST CONTROL OF MD&T SYSTEM	33-16-01 (SH 1)
BRIGHT/DIM CONTROL OF MD&T SYSTEM	
RT SIDE OBS PANEL LIGHTS	33-13-01 (SH 1)
RT SIDE OBS MAP LIGHT	33-14-01
F/O INSTRUMENT PANEL LIGHTS	33-13-01 (SH 1)
F/O CHART LIGHTS	33-14-01
F/O INSTRUMENT PANEL FLOOD LIGHTS	33-11-01 (SH 1)
F/O MAP LIGHTS	33-14-01

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**FLIGHT COMPARTMENT LIGHTS SIMPLIFIED**

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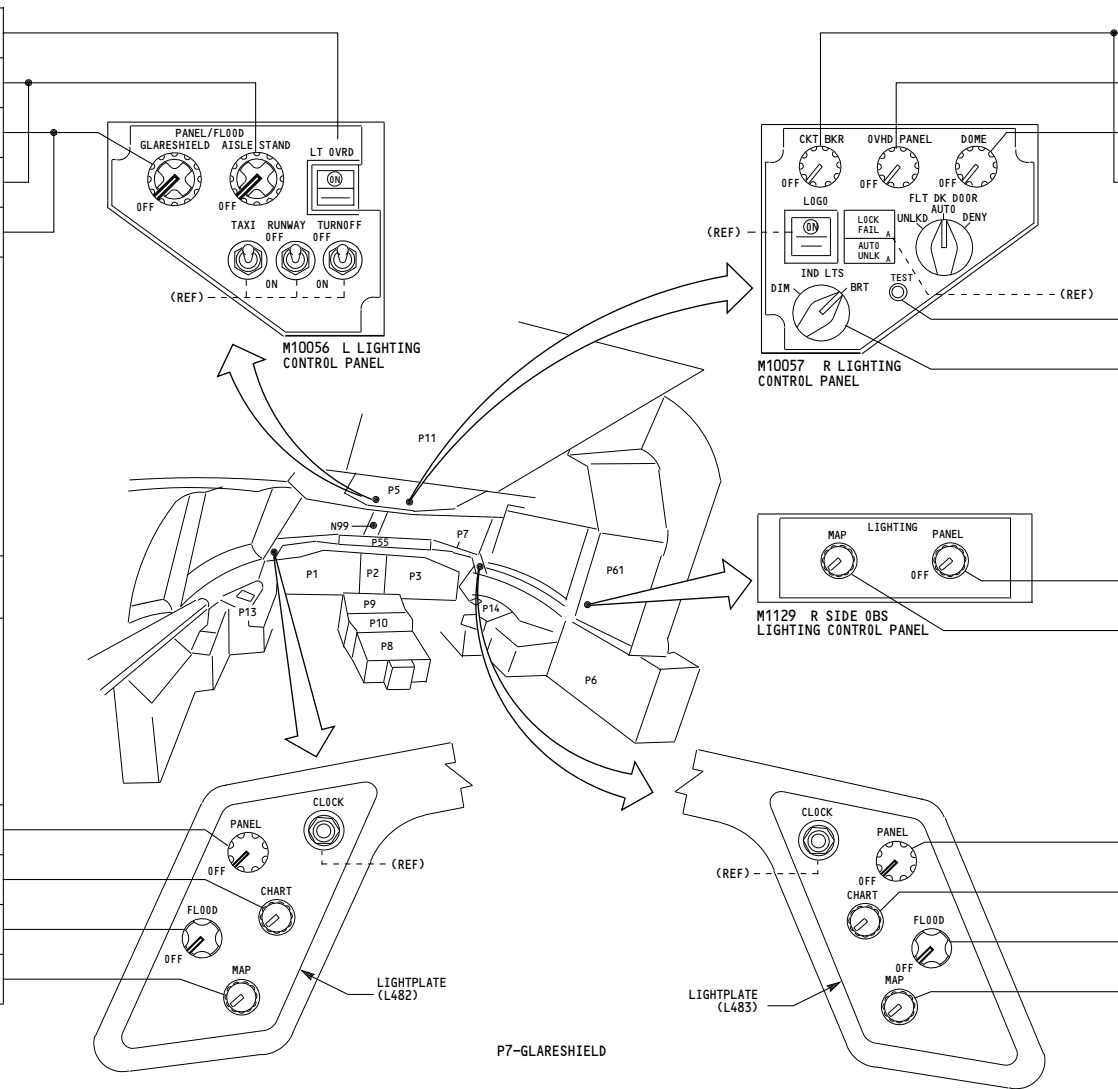
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33-11-01 (SH 1)	LIGHT OVERRIDE
33-11-01 (SH 2) (INNER KNOB)	AISLE STAND FLOOD LIGHT
	GLARESHIELD FLOOD LIGHT
33-13-01 (SH 2) (OUTER KNOB)	AISLE STAND PANEL AND INSTRUMENT LIGHTS
33-13-01 (SH 1) (OUTER KNOB)	GLARESHIELD PANEL LIGHTS
33-14-01	UTILITY LIGHTS (INDIVIDUALLY CONTROLLED)
33-13-01 (SH 1)	CAPTAINS INSTRUMENT PANEL LIGHTS
33-14-01	CAPTAINS CHART LIGHTS
33-11-01 (SH 1)	CAPTAINS AND CENTER PANEL FLOOD LIGHTS
33-14-01	CAPTAINS MAP LIGHTS



P11 CIRCUIT BREAKER PANEL LIGHTS	33-13-01 (SH 2)
OVERHEAD PANEL LIGHTS	33-13-01 (SH 2)
DOME LIGHTS	33-11-02
P6 POWER DISTRIBUTION PANEL FLOOD LIGHTS	33-11-01 (SH 2)
TEST CONTROL OF MD&T SYSTEM	33-16-01 (SH 1)
BRIGHT/DIM CONTROL OF MD&T SYSTEM	
RT SIDE OBS PANEL LIGHTS	33-13-01 (SH 1)
RT SIDE OBS MAP LIGHT	33-14-01
F/O INSTRUMENT PANEL LIGHTS	33-13-01 (SH 1)
F/O CHART LIGHTS	33-14-01
F/O INSTRUMENT PANEL FLOOD LIGHTS	33-11-01 (SH 1)
F/O MAP LIGHTS	33-14-01

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**FLIGHT COMPARTMENT LIGHTS SIMPLIFIED**

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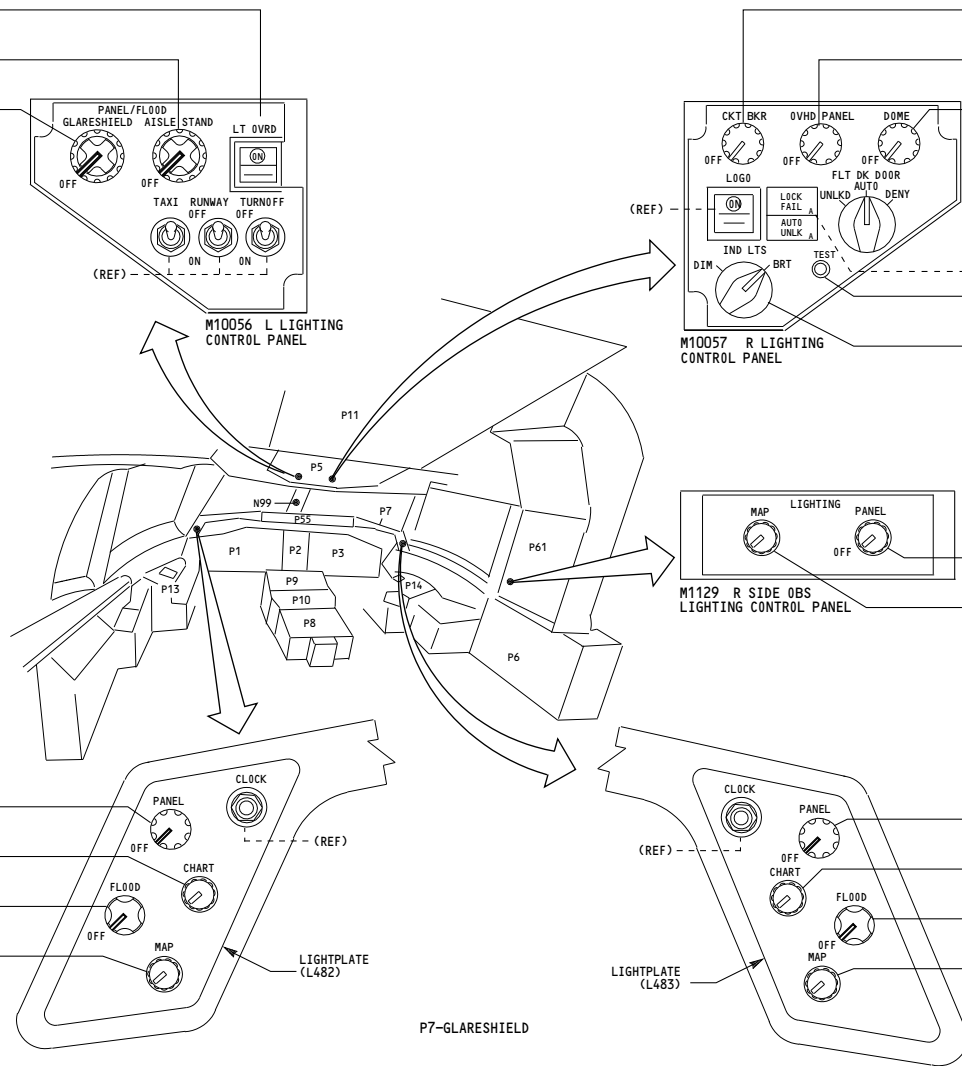
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33-11-01 (SH 1)	LIGHT OVERRIDE
33-11-01 (SH 2)	AISLE STAND FLOOD LIGHT
(INNER KNOB)	GLARESHIELD FLOOD LIGHT
33-13-01 (SH 2) (OUTER KNOB)	AISLE STAND PANEL AND INSTRUMENT LIGHTS
33-13-01 (SH 1) (OUTER KNOB)	GLARESHIELD PANEL LIGHTS
33-14-01	UTILITY LIGHTS (INDIVIDUALLY CONTROLLED)
33-13-01 (SH 1)	CAPTAINS INSTRUMENT PANEL LIGHTS
33-14-01	CAPTAINS CHART LIGHTS
33-11-01 (SH 1)	CAPTAINS AND CENTER PANEL FLOOD LIGHTS
33-14-01	CAPTAINS MAP LIGHTS



P11 CIRCUIT BREAKER PANEL LIGHTS	33-13-01 (SH 2)
OVERHEAD PANEL LIGHTS	33-13-01 (SH 2)
DOME LIGHTS	33-11-02
P6 POWER DISTRIBUTION PANEL FLOOD LIGHTS	33-11-01 (SH 2)
TEST CONTROL OF MD&T SYSTEM	33-16-01 (SH 1)
BRIGHT/DIM CONTROL OF MD&T SYSTEM	
RT SIDE OBS PANEL LIGHTS	33-13-01 (SH 1)
RT SIDE OBS MAP LIGHT	33-14-01
F/O INSTRUMENT PANEL LIGHTS	33-13-01 (SH 1)
F/O CHART LIGHTS	33-14-01
F/O INSTRUMENT PANEL FLOOD LIGHTS	33-11-01 (SH 1)
F/O MAP LIGHTS	33-14-01

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**FLIGHT COMPARTMENT LIGHTS SIMPLIFIED**

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25-0325 R07

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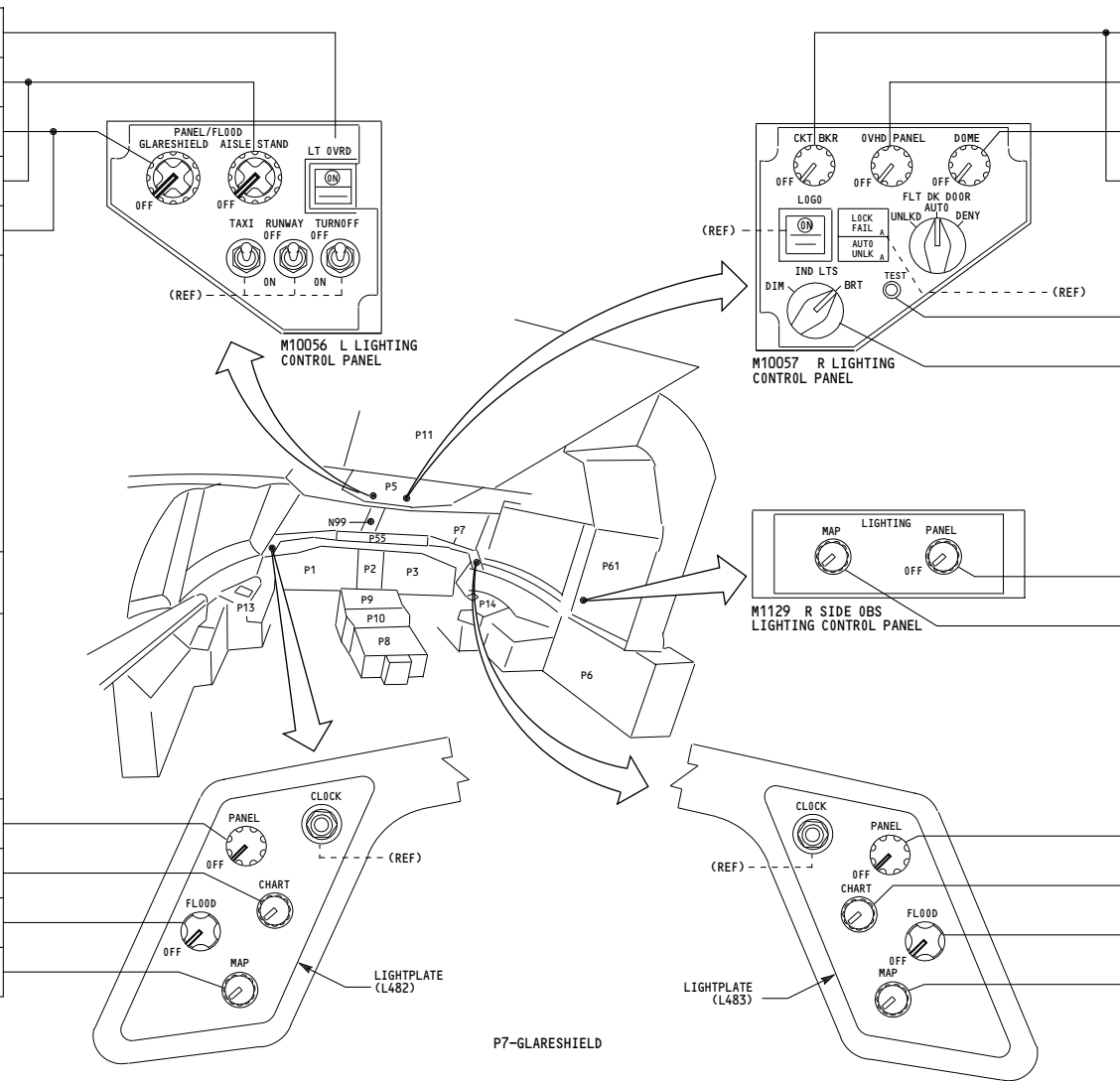
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33-11-01 (SH 1)	LIGHT OVERRIDE
33-11-01 (SH 2) (INNER KNOB)	AISLE STAND FLOOD LIGHT
	GLARESHIELD FLOOD LIGHT
33-13-01 (SH 2) (OUTER KNOB)	AISLE STAND PANEL AND INSTRUMENT LIGHTS
33-13-01 (SH 1) (OUTER KNOB)	GLARESHIELD PANEL LIGHTS
33-14-01	UTILITY LIGHTS (INDIVIDUALLY CONTROLLED)
33-13-01 (SH 1)	CAPTAINS INSTRUMENT PANEL LIGHTS
33-14-01	CAPTAINS CHART LIGHTS
33-11-01 (SH 1)	CAPTAINS AND CENTER PANEL FLOOD LIGHTS
33-14-01	CAPTAINS MAP LIGHTS



P11 CIRCUIT BREAKER PANEL LIGHTS	33-13-01 (SH 2)
OVERHEAD PANEL LIGHTS	33-13-01 (SH 2)
DOME LIGHTS	33-11-02
P6 POWER DISTRIBUTION PANEL FLOOD LIGHTS	33-11-01 (SH 2)
TEST CONTROL OF MD&T SYSTEM	33-16-01 (SH 1)
BRIGHT/DIM CONTROL OF MD&T SYSTEM	
RT SIDE OBS PANEL LIGHTS	33-13-01 (SH 1)
RT SIDE OBS MAP LIGHT	33-14-01
F/O INSTRUMENT PANEL LIGHTS	33-13-01 (SH 1)
F/O CHART LIGHTS	33-14-01
F/O INSTRUMENT PANEL FLOOD LIGHTS	33-11-01 (SH 1)
F/O MAP LIGHTS	33-14-01

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**FLIGHT COMPARTMENT LIGHTS SIMPLIFIED**

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Incorporates 25-0325 R03

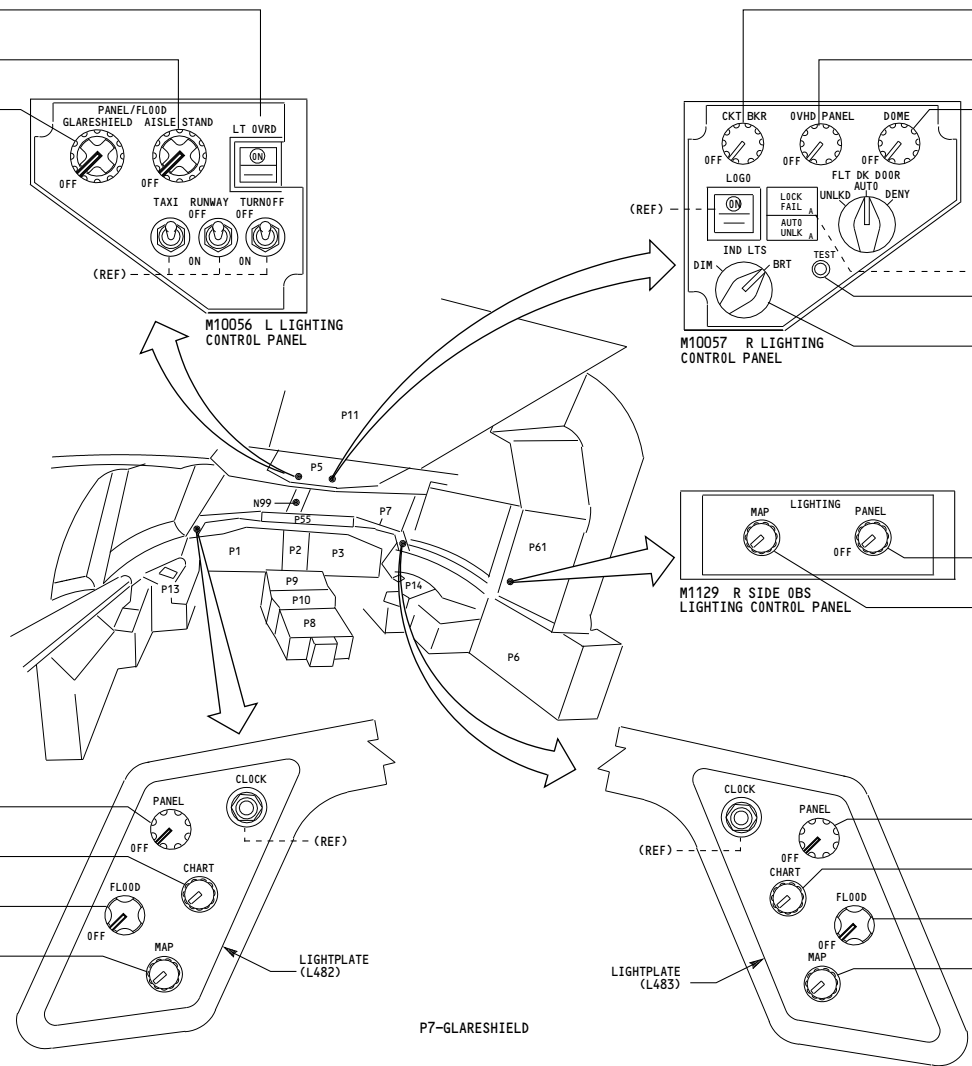
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33-11-01 (SH 1)	LIGHT OVERRIDE
33-11-01 (SH 2)	AISLE STAND FLOOD LIGHT
(INNER KNOB)	GLARESHIELD FLOOD LIGHT
33-13-01 (SH 2) (OUTER KNOB)	AISLE STAND PANEL AND INSTRUMENT LIGHTS
33-13-01 (SH 1) (OUTER KNOB)	GLARESHIELD PANEL LIGHTS
33-14-01	UTILITY LIGHTS (INDIVIDUALLY CONTROLLED)
33-13-01 (SH 1)	CAPTAINS INSTRUMENT PANEL LIGHTS
33-14-01	CAPTAINS CHART LIGHTS
33-11-01 (SH 1)	CAPTAINS AND CENTER PANEL FLOOD LIGHTS
33-14-01	CAPTAINS MAP LIGHTS



P11 CIRCUIT BREAKER PANEL LIGHTS	33-13-01 (SH 2)
OVERHEAD PANEL LIGHTS	33-13-01 (SH 2)
DOME LIGHTS	33-11-02
P6 POWER DISTRIBUTION PANEL FLOOD LIGHTS	33-11-01 (SH 2)
TEST CONTROL OF MD&T SYSTEM	33-16-01 (SH 1)
BRIGHT/DIM CONTROL OF MD&T SYSTEM	
RT SIDE OBS PANEL LIGHTS	33-13-01 (SH 1)
RT SIDE OBS MAP LIGHT	33-14-01
F/O INSTRUMENT PANEL LIGHTS	33-13-01 (SH 1)
F/O CHART LIGHTS	33-14-01
F/O INSTRUMENT PANEL FLOOD LIGHTS	33-11-01 (SH 1)
F/O MAP LIGHTS	33-14-01

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Incorporates  
25-0325 R02

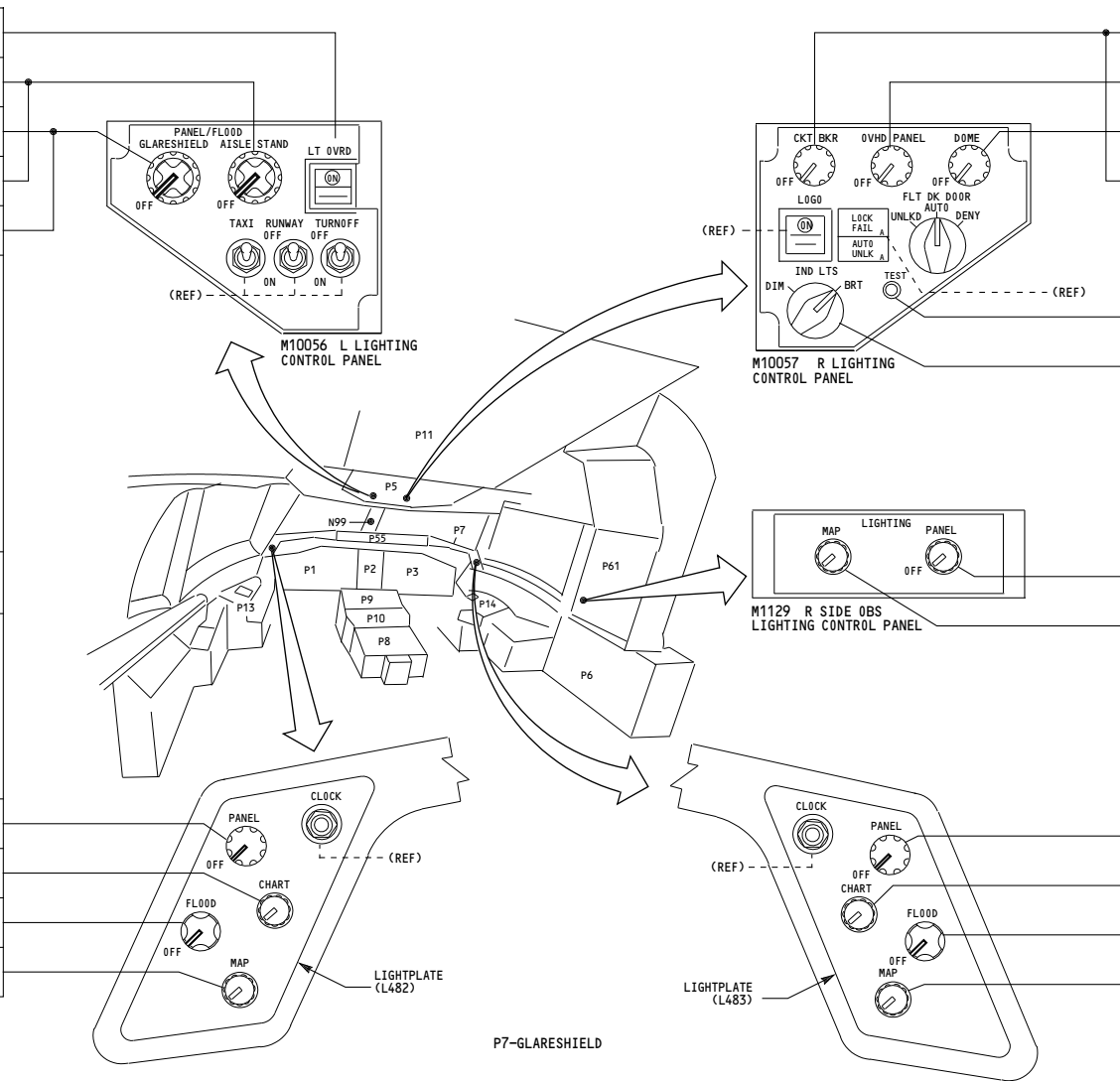
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33-11-01 (SH 1)	LIGHT OVERRIDE
33-11-01 (SH 2) (INNER KNOB)	AISLE STAND FLOOD LIGHT
	GLARESHIELD FLOOD LIGHT
33-13-01 (SH 2) (OUTER KNOB)	AISLE STAND PANEL AND INSTRUMENT LIGHTS
33-13-01 (SH 1) (OUTER KNOB)	GLARESHIELD PANEL LIGHTS
33-14-01	UTILITY LIGHTS (INDIVIDUALLY CONTROLLED)
33-13-01 (SH 1)	CAPTAINS INSTRUMENT PANEL LIGHTS
33-14-01	CAPTAINS CHART LIGHTS
33-11-01 (SH 1)	CAPTAINS AND CENTER PANEL FLOOD LIGHTS
33-14-01	CAPTAINS MAP LIGHTS



P11 CIRCUIT BREAKER PANEL LIGHTS	33-13-01 (SH 2)
OVERHEAD PANEL LIGHTS	33-13-01 (SH 2)
DOME LIGHTS	33-11-02
P6 POWER DISTRIBUTION PANEL FLOOD LIGHTS	33-11-01 (SH 2)
TEST CONTROL OF MD&T SYSTEM	33-16-01 (SH 1)
BRIGHT/DIM CONTROL OF MD&T SYSTEM	
RT SIDE OBS PANEL LIGHTS	33-13-01 (SH 1)
RT SIDE OBS MAP LIGHT	33-14-01
F/O INSTRUMENT PANEL LIGHTS	33-13-01 (SH 1)
F/O CHART LIGHTS	33-14-01
F/O INSTRUMENT PANEL FLOOD LIGHTS	33-11-01 (SH 1)
F/O MAP LIGHTS	33-14-01

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**FLIGHT COMPARTMENT LIGHTS SIMPLIFIED**

Incorporates  
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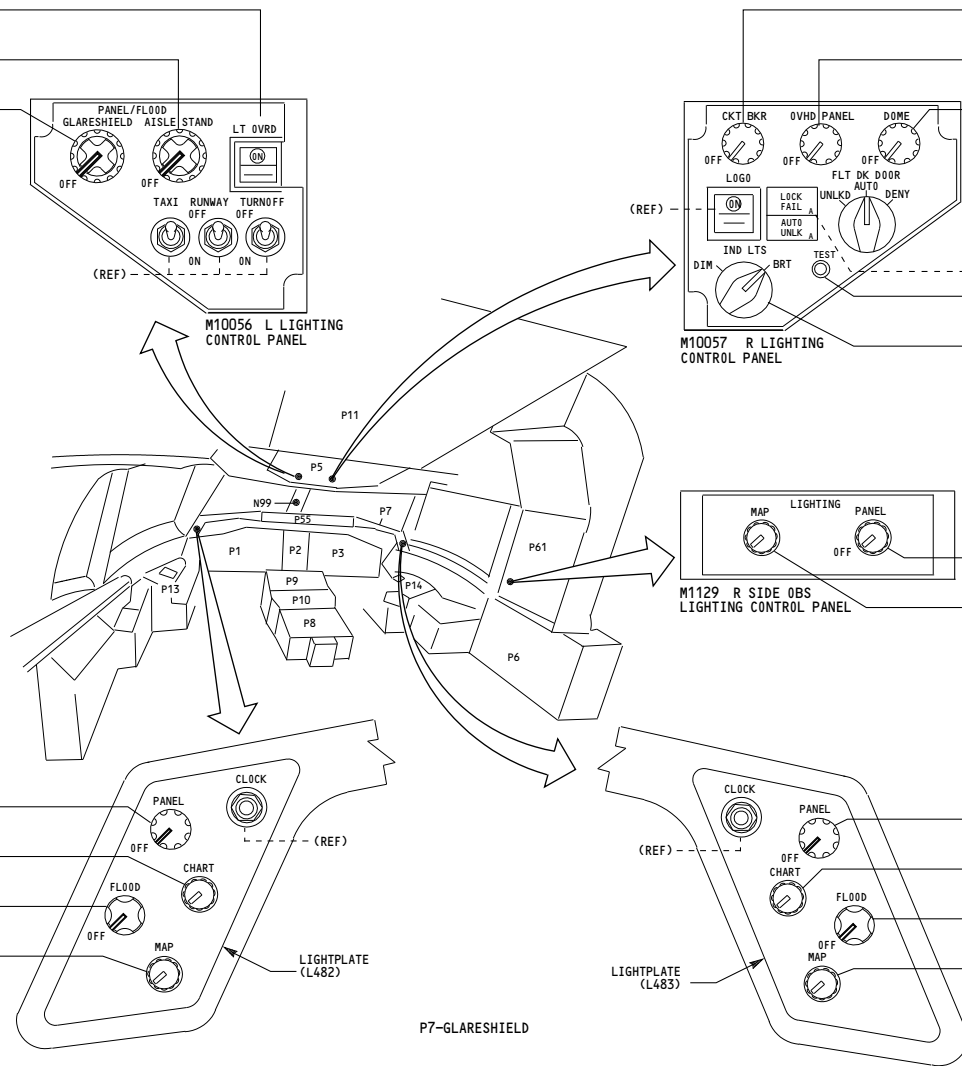
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33-11-01 (SH 1)	LIGHT OVERRIDE
33-11-01 (SH 2)	AISLE STAND FLOOD LIGHT
(INNER KNOB)	GLARESHIELD FLOOD LIGHT
33-13-01 (SH 2) (OUTER KNOB)	AISLE STAND PANEL AND INSTRUMENT LIGHTS
33-13-01 (SH 1) (OUTER KNOB)	GLARESHIELD PANEL LIGHTS
33-14-01	UTILITY LIGHTS (INDIVIDUALLY CONTROLLED)
33-13-01 (SH 1)	CAPTAINS INSTRUMENT PANEL LIGHTS
33-14-01	CAPTAINS CHART LIGHTS
33-11-01 (SH 1)	CAPTAINS AND CENTER PANEL FLOOD LIGHTS
33-14-01	CAPTAINS MAP LIGHTS



P11 CIRCUIT BREAKER PANEL LIGHTS	33-13-01 (SH 2)
OVERHEAD PANEL LIGHTS	33-13-01 (SH 2)
DOME LIGHTS	33-11-02
P6 POWER DISTRIBUTION PANEL FLOOD LIGHTS	33-11-01 (SH 2)
TEST CONTROL OF MD&T SYSTEM	33-16-01 (SH 1)
BRIGHT/DIM CONTROL OF MD&T SYSTEM	
RT SIDE OBS PANEL LIGHTS	33-13-01 (SH 1)
RT SIDE OBS MAP LIGHT	33-14-01
F/O INSTRUMENT PANEL LIGHTS	33-13-01 (SH 1)
F/O CHART LIGHTS	33-14-01
F/O INSTRUMENT PANEL FLOOD LIGHTS	33-11-01 (SH 1)
F/O MAP LIGHTS	33-14-01

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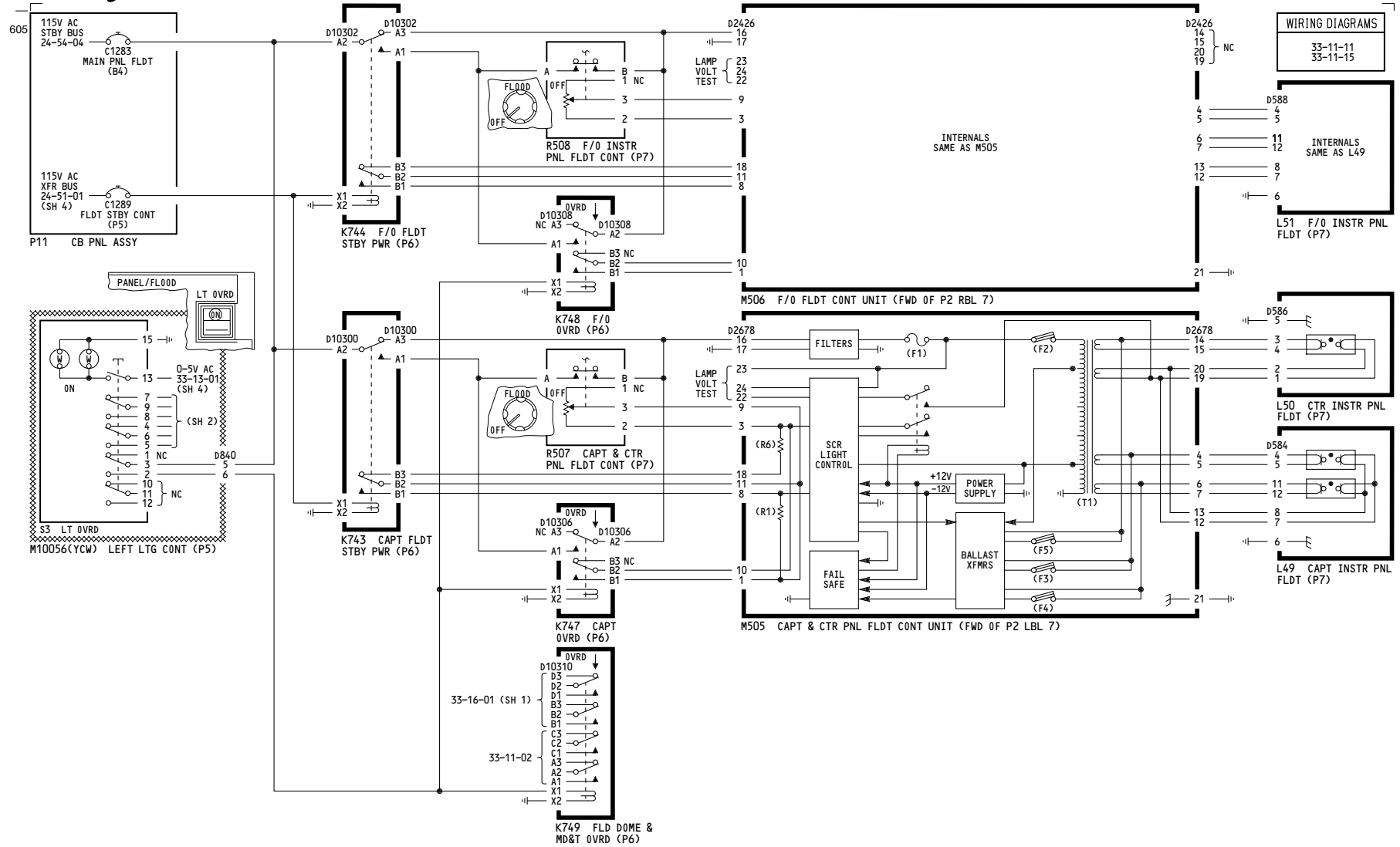
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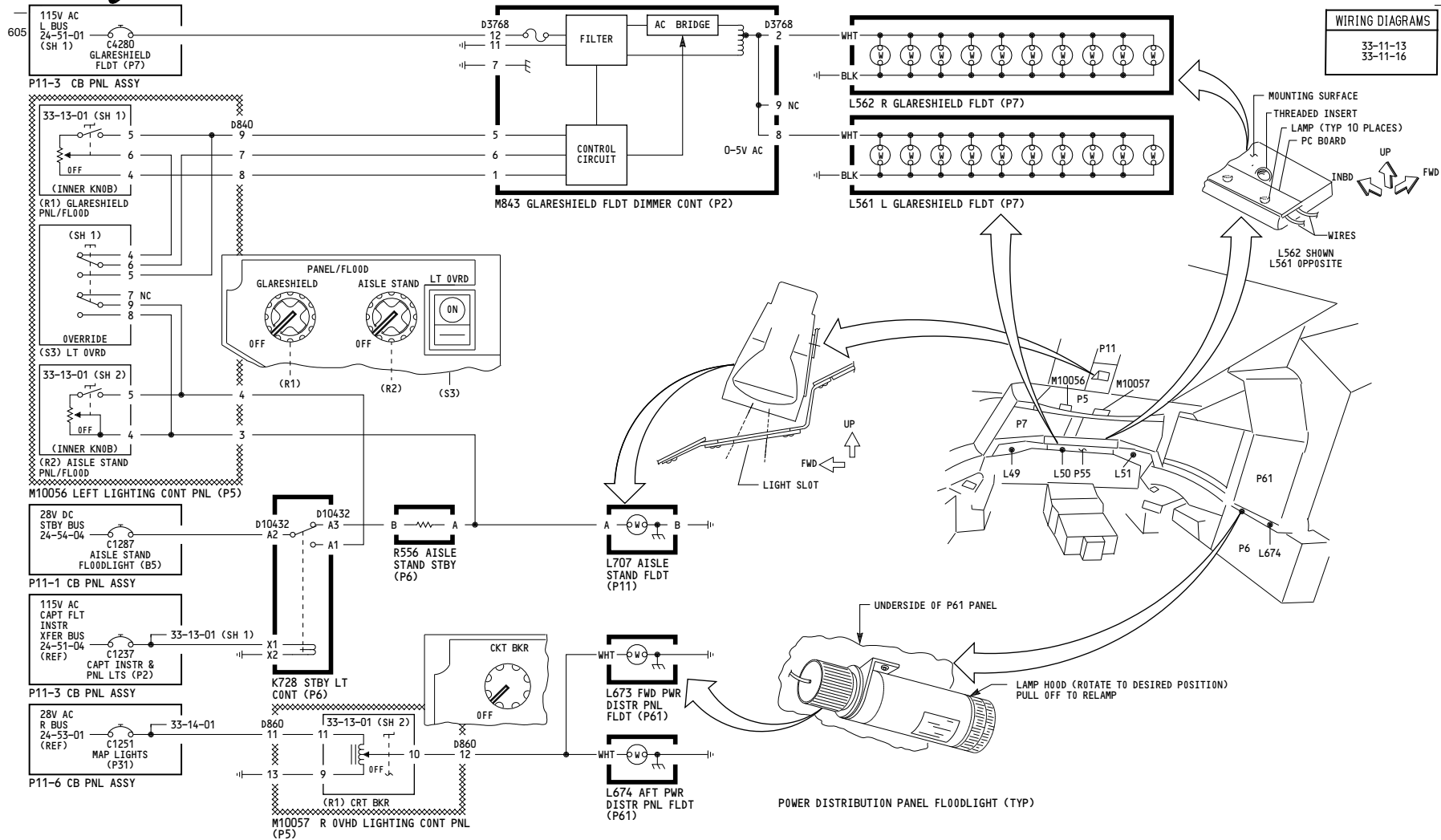
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**PANEL FLOOD LIGHTS**

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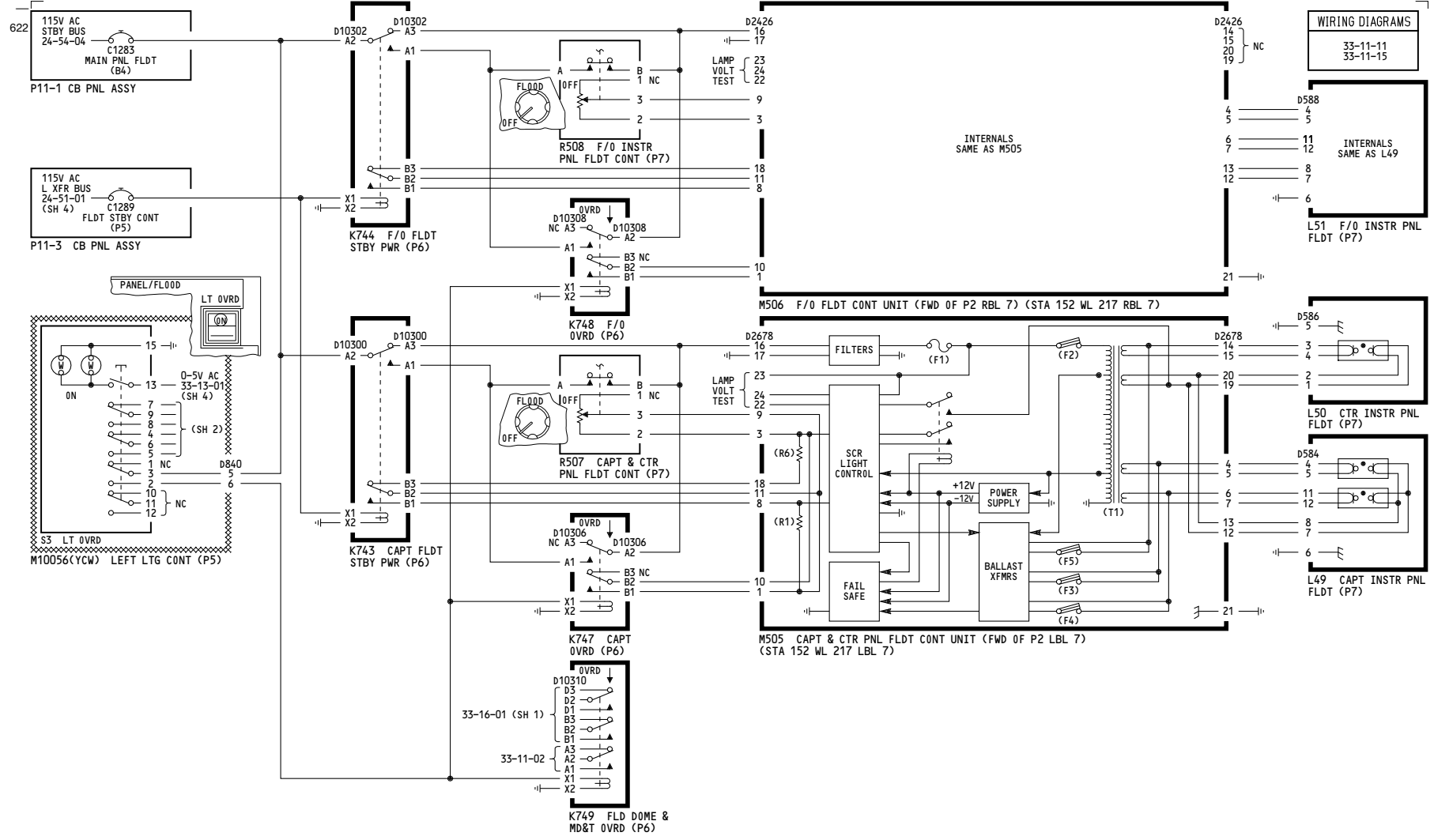
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PANEL FLOOD LIGHTS

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CAPTAIN & FIRST OFFICER

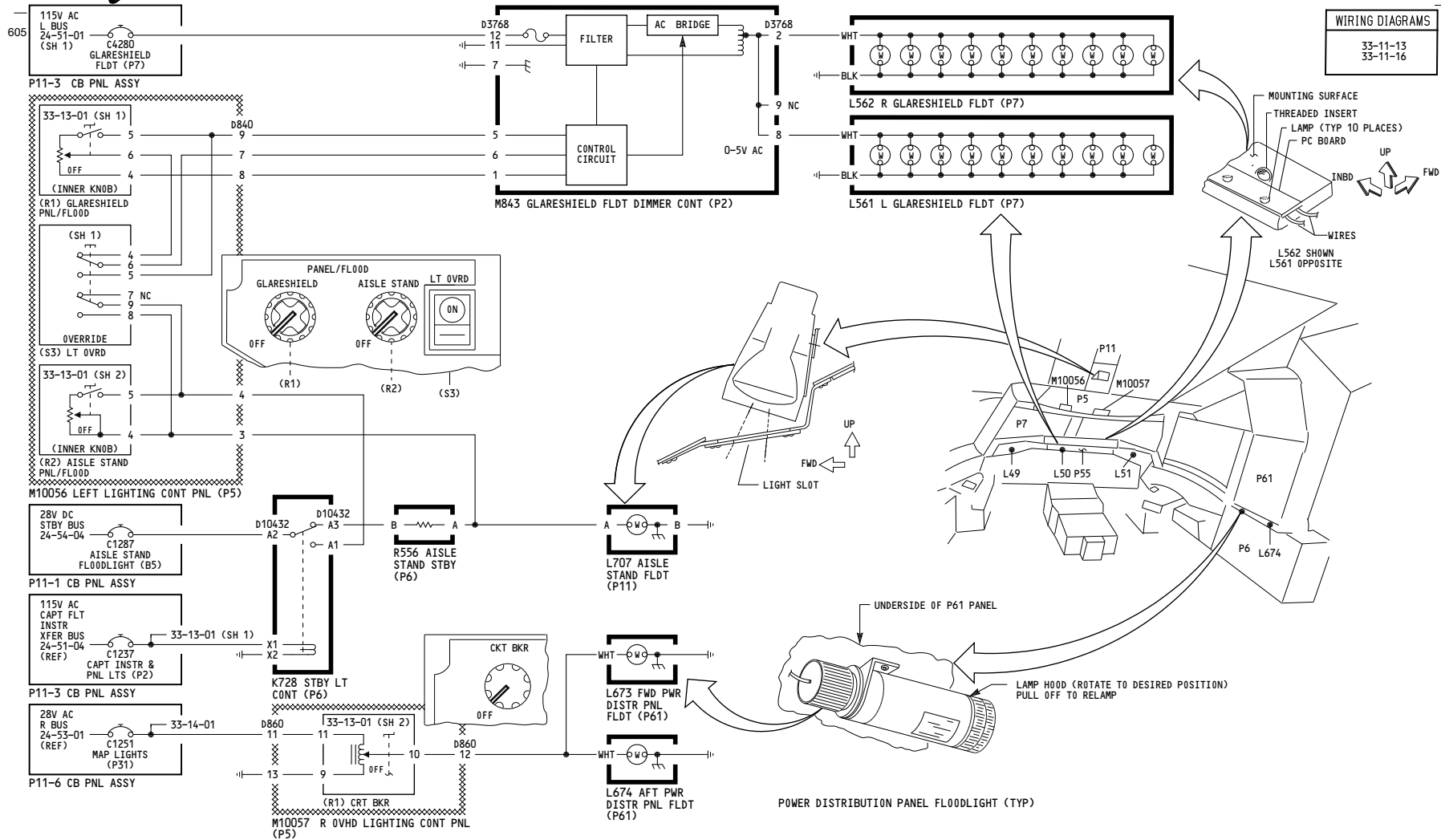
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**PANEL FLOOD LIGHTS**

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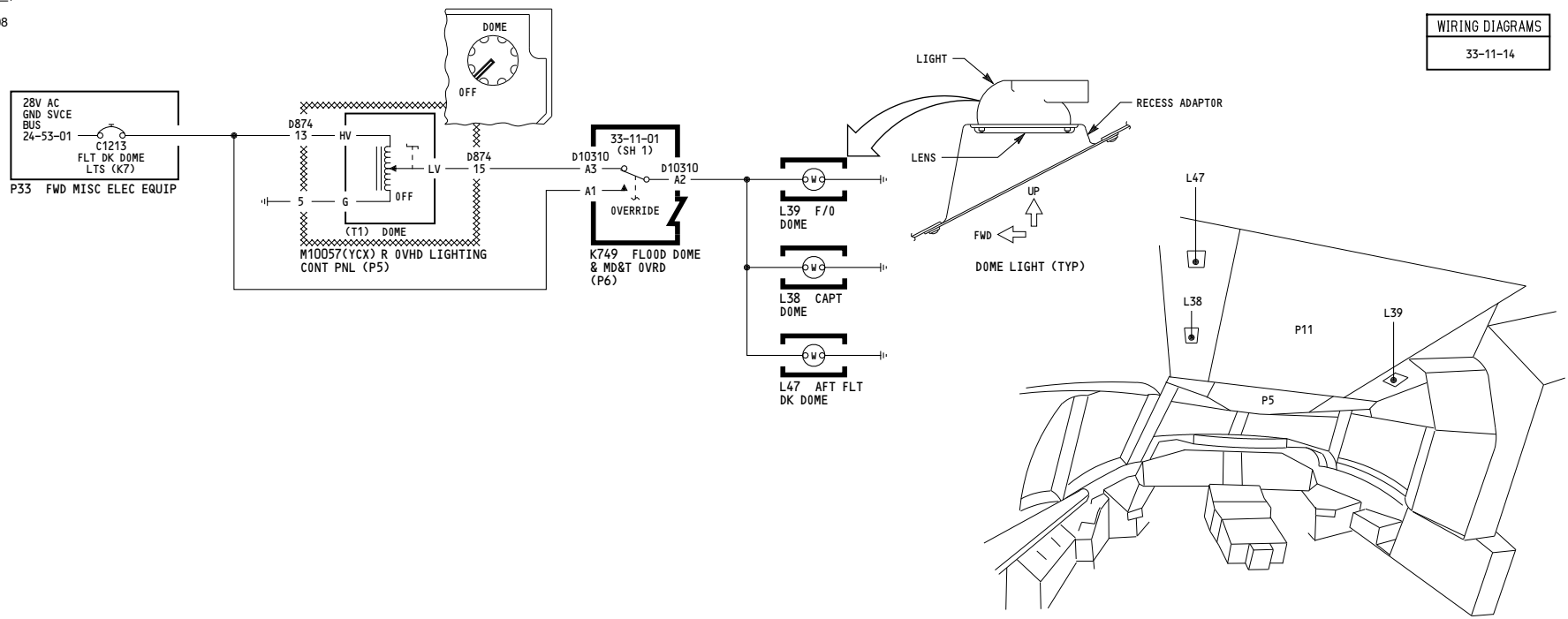
**PANEL FLOOD LIGHTS**

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WIRING DIAGRAMS  
33-11-14



ALL	<p><b>DOMELIGHTS</b></p>   <p>D280T232</p>
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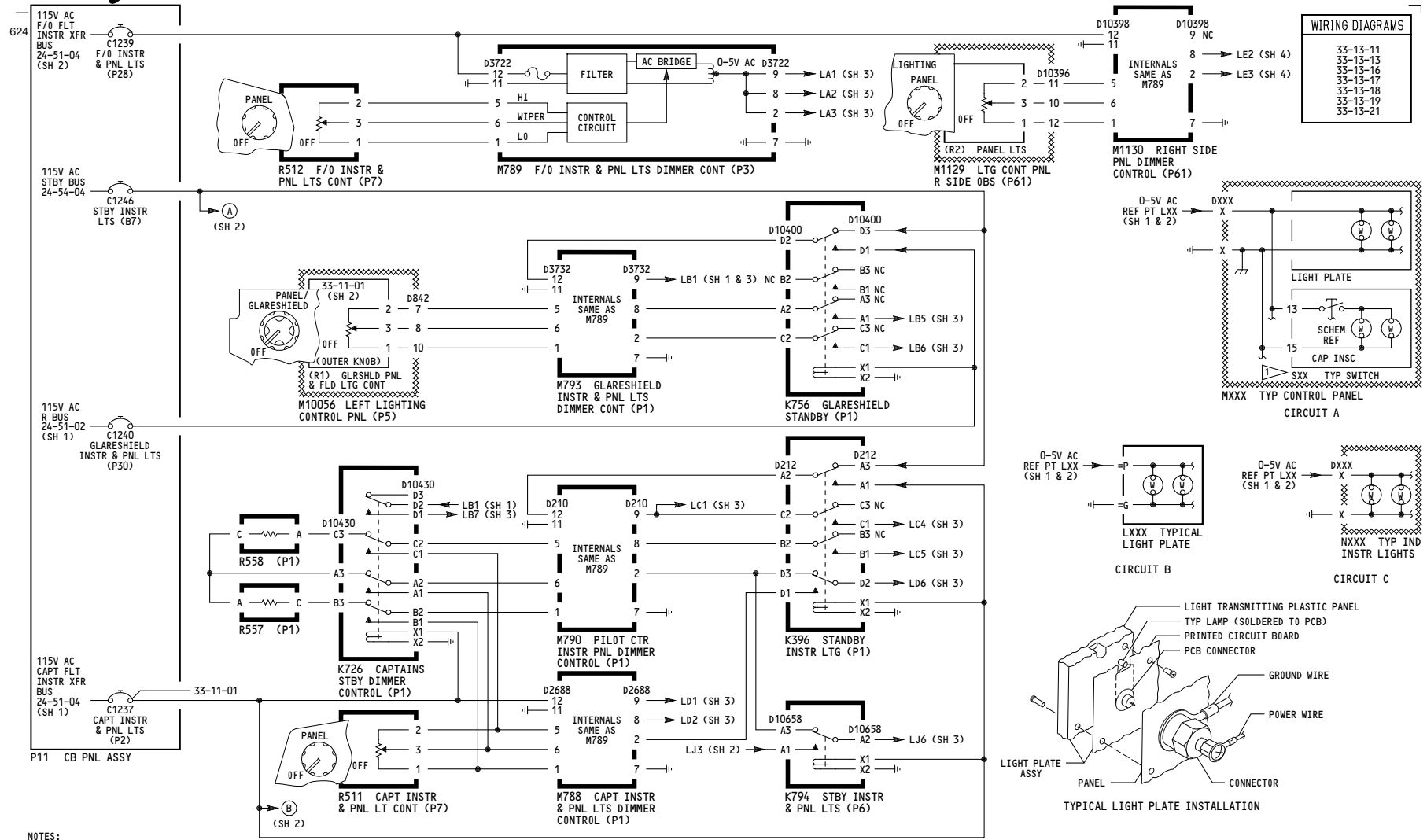
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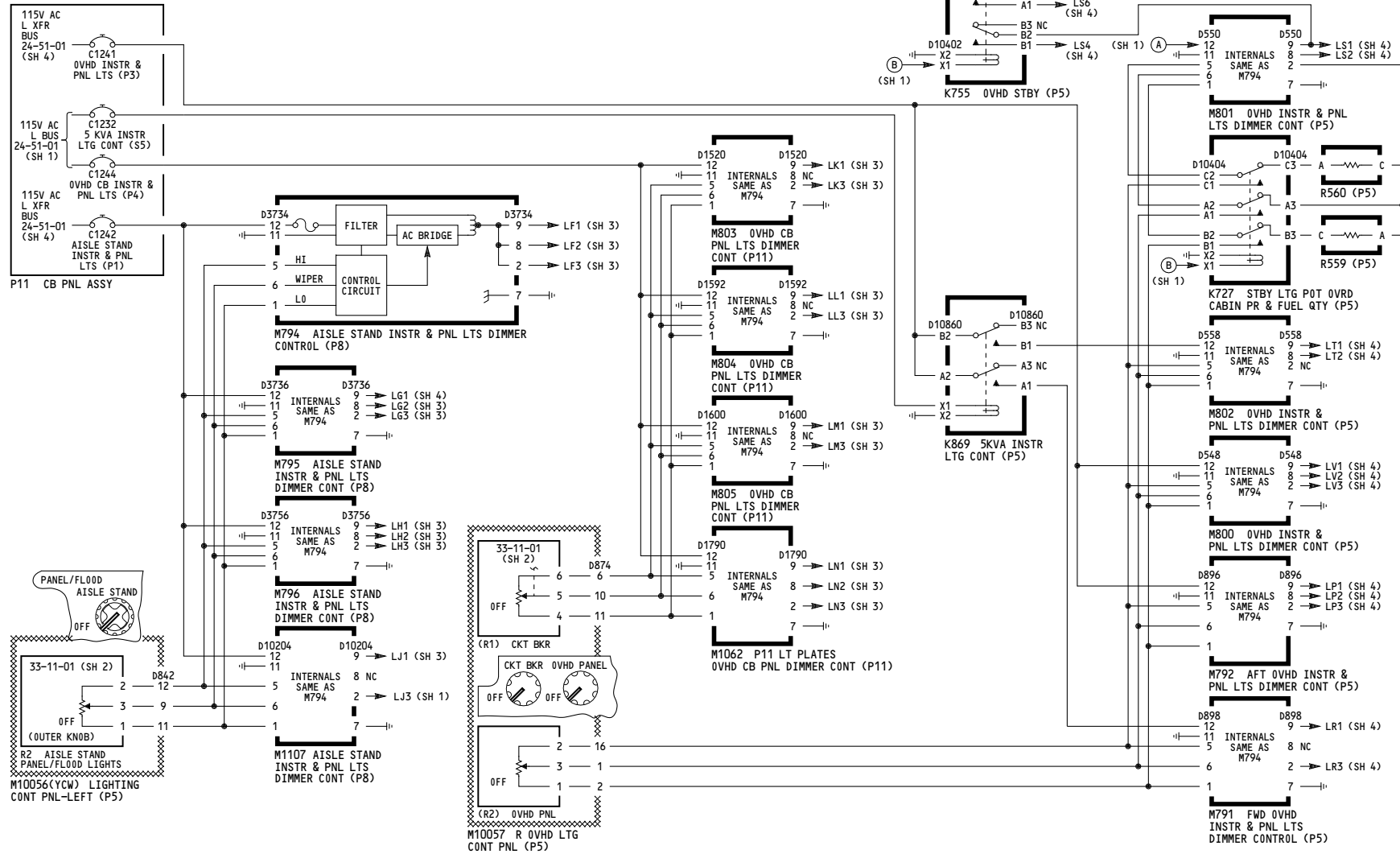
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**INSTRUMENT AND PANEL LIGHTS**

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**INSTRUMENT AND PANEL LIGHTS**

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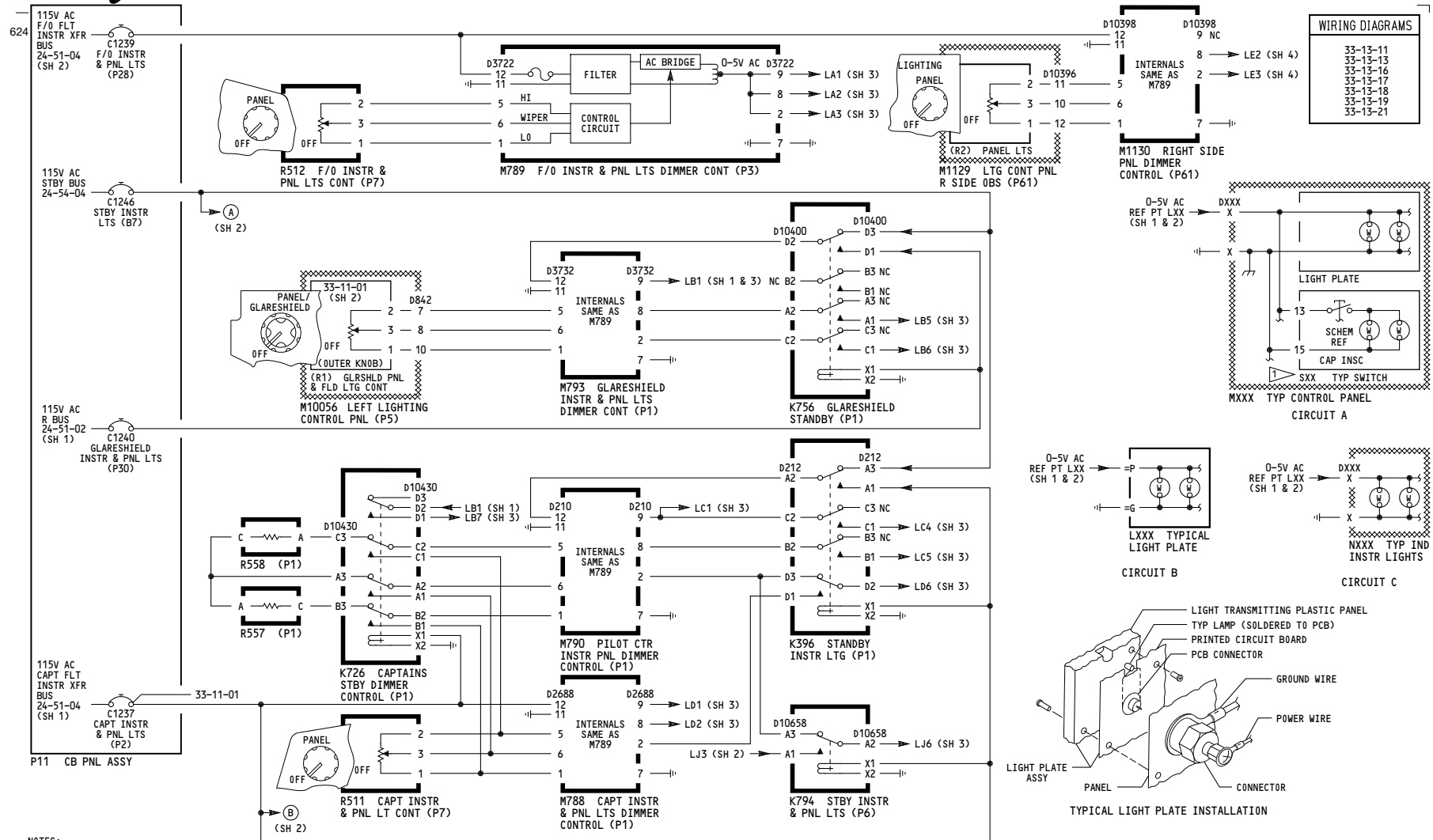




PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H T
		PIN	REF	PT	PIN					
P5	M1	APU CONTROL PANEL								
(LT PL)	D1394	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
	M10(YCY)	HYDRALICS SYSTEMS CONTROL PANEL								
(LT PL)	D1312	1	LV1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	L ENG PRIMARY PUMP	29-00-02 1	---
S2	---	13	15	ON	---	---	---	C ELEC 1 PRIMARY PUMP	29-00-04 1	---
S3	---	13	15	ON	---	---	---	C ELEC 2 PRIMARY PUMP	29-00-04 3	---
S4	---	13	15	ON	---	---	---	R ENG PRIMARY PUMP	29-00-03 1	---
	M13	CABIN PRESSURE SELECT PANEL								
(LT PL)	D1324	1	LS1	2	---	---	---	LIGHT PLATE	---	-A
N1	---	1	2	---	---	---	---	VALVE POSITION IND	---	---
N2	---	1	2	---	---	---	---	LDG ALTITUDE	---	---
	M14(YBF)	TEMPERATURE CONTROL PANEL								
(LT PL)	D1302	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
N1	---	1	---	---	---	---	---	TEMP CONT VALVE POS	---	---
S1	---	13	15	ON	---	---	---	TRIM AIR	21-60-01 1	---
S2	---	13	15	ON	---	---	---	L RECIRC FAN	21-25-01 1	---
S3	---	13	15	ON	---	---	---	R RECIRC FAN	21-25-02 1	---
	M15(YCZ)	BLEED AIR SUPPLY PANEL								
(LT PL)	D1348	1	LP1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	(OPEN)	---	---	---	L ISLN VALVE	36-11-01 1	---
S2	---	13	15	(OPEN)	---	---	---	C ISLN VALVE	36-11-03 1	---
S3	---	13	15	(OPEN)	---	---	---	R ISLN VALVE	36-11-02 1	---
S4	---	13	15	(ON)	---	---	---	L ENG VALVE	36-11-05 1	---
S5	---	13	15	(OPEN)	---	---	---	APU VALVE	36-11-04 1	---
S6	---	13	15	(ON)	---	---	---	R ENG VALVE	36-11-06 2	---
	N122	D3892	1	LP1	2	---	---	DUAL DUCT PRESSURE IND	---	-C
	(LOC ON M15 PNL)									
	M17	EQUIPMENT COOLING CONTROL PANEL								
(LT PL)	D1366	1	LS6	2	---	---	---	LIGHT PLATE	---	-A
	M19	CABIN PRESSURE GAUGES PANEL								
(LT PL)	D1776	1	LS1	2	---	---	---	LIGHT PLATE	---	-A
	M29(YDB)	CARGO HEAT CONTROL PANEL								
(LT PL)	D3842	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	FWD CARGO HEAT	21-43-01 1	---
S2	---	13	15	ON	---	---	---	AFT CARGO HEAT	21-44-01 1	---
S3	---	13	15	ON	---	---	---	BULK CARGO HEAT	21-44-02 1	---
	M43	EMERGENCY LIGHTS CONTROL PANEL								
(LT PL)	D838	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
	M49	ENGINE IGNITION AND START CONTROL PANEL								
(LT PL)	D848	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M50	VOICE RECORDER CONTROL PANEL								
(LT PL)	D731	Y	LR3	2	---	---	---	LIGHT PLATE	---	-A
	M51	PILOTS CALL PANEL								
(LT PL)	D735	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
	M52	PASSENGER SIGNS CONTROL PANEL								
(LT PL)	D854	1	LT1	2	---	---	---	LIGHT PLATE	---	-A

PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H T
		PIN	REF	PT	PIN					
P5	M56(YCT)	ANTI-COLLISION AND LANDING LIGHT CONTROL								
(LT PL)	D856	1	LR1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	POSITION LIGHTS	33-43-01 1	---
S5	---	13	15	ON	---	---	---	WHITE ANTI-COLLISION	33-44-01 1	---
S6	---	13	15	ON	---	---	---	WING LIGHTS	33-41-01 1	---
S7	---	13	15	ON	---	---	---	RED ANTI-COLLISION LTS	33-44-01 1	---
	M59	INERTIAL REFERENCE MODE PANEL								
(LT PL)	D739	1	LP1	2	---	---	---	LIGHT PLATE	---	-A
D741	---	1	LP1	2	---	---	---	(INPUTS COMMONED)	---	---
D743	---	1	LP1	2	---	---	---	---	---	---
	M61	EMERGENCY EVACUATION CONTROL PANEL								
(LT PL)	D636	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M82	L HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D733	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M83	R HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D737	1	LR3	2	---	---	---	LIGHT PLATE	---	-A
	M111(YDG)	ENTERTAINMENT PNL								
(LT PL)	D1655	1	LR1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	VIDEO POWER	23-32-01 1	---
	M1619	FWD CARGO TEMP CONTROL								
(LT PL)	D13534	1	LT2	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	FWD CAR. FAULT	21-61-81 1	---
	M10023	WINDSHIELD WIPER/RAIN REPELLANT CONTROL PANEL								
(LT PL)	D884	1	LR1	2	---	---	---	LIGHT PLATE	---	-A
	M10054	FUEL QUANTITY PANEL								
(LT PL)	D3896	1	LS2	2	---	---	---	LIGHT PLATE	---	-A
	M10055(YCL)	FUEL MANAGEMENT PANEL								
(LT PL)	D1374	1	LS6	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	R PUMP - AFT	28-22-01 2	---
S2	---	13	15	ON	---	---	---	L PUMP - FWD	28-22-01 1	---
S3	---	13	15	ON	---	---	---	C PUMP - RIGHT	28-22-01 3	---
S4	---	13	15	ON	---	---	---	L PUMP - AFT	28-22-01 1	---
S5	---	13	15	ON	---	---	---	R PUMP - FWD	28-22-01 2	---
S6	---	13	15	ON	---	---	---	C PUMP - LEFT	28-22-01 3	---
S7	---	13	15	(OPEN)	---	---	---	FUEL CROSSFEED VALVE	28-22-01 4	---
	M10056(YCW)	LEFT LIGHTING CONTROL PANEL								
(LT PL)	D840	1	LS4	2	---	---	---	LIGHT PLATE	---	-A
S3	---	13	15	ON	---	---	---	LT OVRD	33-11-01 1	---
	M10057(YCX)	RIGHT OVERHEAD LIGHTING CONTROL PANEL								
(LT PL)	D860	1	LS4	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	UNLKD	---	---	---	FLIGHT DECK DOOR	52-51-01 1	---
	M10062(YDI)	STANDBY POWER PANEL								
(LT PL)	D10216	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
S2	---	13	15	ON	---	---	---	BAT	24-33-01 1	---

PILOTS OVERHEAD AND RIGHT SIDE PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H T
		PIN	REF	PT	PIN					
P5	M10063(YDJ)	ELECTRICAL SYSTEMS PANEL								
(LT PL)	D1382	1	LV3	2	---	---	---	LIGHT PLATE	---	-A
S3	---	13	15	ON	---	---	---	L GEN CONT	24-20-01 1	---
S4	---	13	15	ON	---	---	---	R GEN CONT	24-20-02 1	---
S7	---	13	15	ON	---	---	---	L UTILITY BUS	24-51-01 3	---
S8	---	13	15	ON	---	---	---	R UTILITY BUS	24-51-02 3	---
S9	---	13	15	AUTO	---	---	---	L TIE BUS	24-20-01 1	---
S10	---	13	15	AUTO	---	---	---	R TIE BUS	24-20-02 1	---
S11	---	13	15	ON	---	---	---	APU GEN	24-20-03 1	---
	M10078	COMPARTMENT TEMPERATURE PANEL								
(LT PL)	D1358	1	LT2	2	---	---	---	LIGHT PLATE	---	-A
	M10250(YAL)	YAW DAMPER PANEL								
(LT PL)	D723	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	L YAW DAMPER	22-21-01 1	---
S2	---	13	15	ON	---	---	---	R YAW DAMPER	22-21-02 1	---
	M10395(YDM)	WINDOW HEAT CONTROL PANEL								
(LT PL)	D876	1	LT1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	R SIDE WINDOW HEAT	30-41-01 1	---
S2	---	13	15	ON	---	---	---	R FWD WINDOW HEAT	30-41-02 1	---
S3	---	13	15	ON	---	---	---	L FWD WINDOW HEAT	30-41-01 1	---
S4	---	13	15	ON	---	---	---	L SIDE WINDOW HEAT	30-41-02 1	---
	M10397(YDN)	WING AND ENGINE ANTI-ICE CONTROL PANEL								
(LT PL)	D890	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	L ENG ANTI-ICE VALVE	30-21-01 1	---
S2	---	13	15	ON	---	---	---	R ENG ANTI-ICE VALVE	30-21-01 1	---
S3	---	13	15	ON	---	---	---	WING ANTI-ICE VALVE	30-11-01 1	---
	M10761(YHW)	EEC CONTROL MODULE								
(LT PL)	D2083	1	LV2	2	---	---	---	LIGHTPLATE	---	-A
S1	---	13	15	ON	---	---	---	L EEC CONT	73-21-01 1	---
S2	---	13	15	ON	---	---	---	R EEC CONT	73-21-01 1	---
	P61	M98 FIRST OBSERVERS AUDIO SELECT PANEL								
(LT PL)	D551	1	LE2	2	---	---	---	LIGHT PLATE	---	-A
	M1129	RIGHT SIDE OBSERVERS LIGHTING CONTROL PANEL								
(LT PL)	D10396	1	LE3	2	---	---	---	LIGHT PLATE	---	-A
	M1254	CONTROL DISPLAY UNIT								
(LT PL)	D1833	F-	LE2	G-	---	---	---	LIGHT PLATE	---	-A



WIRING DIAGRAMS	
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33-13-16	
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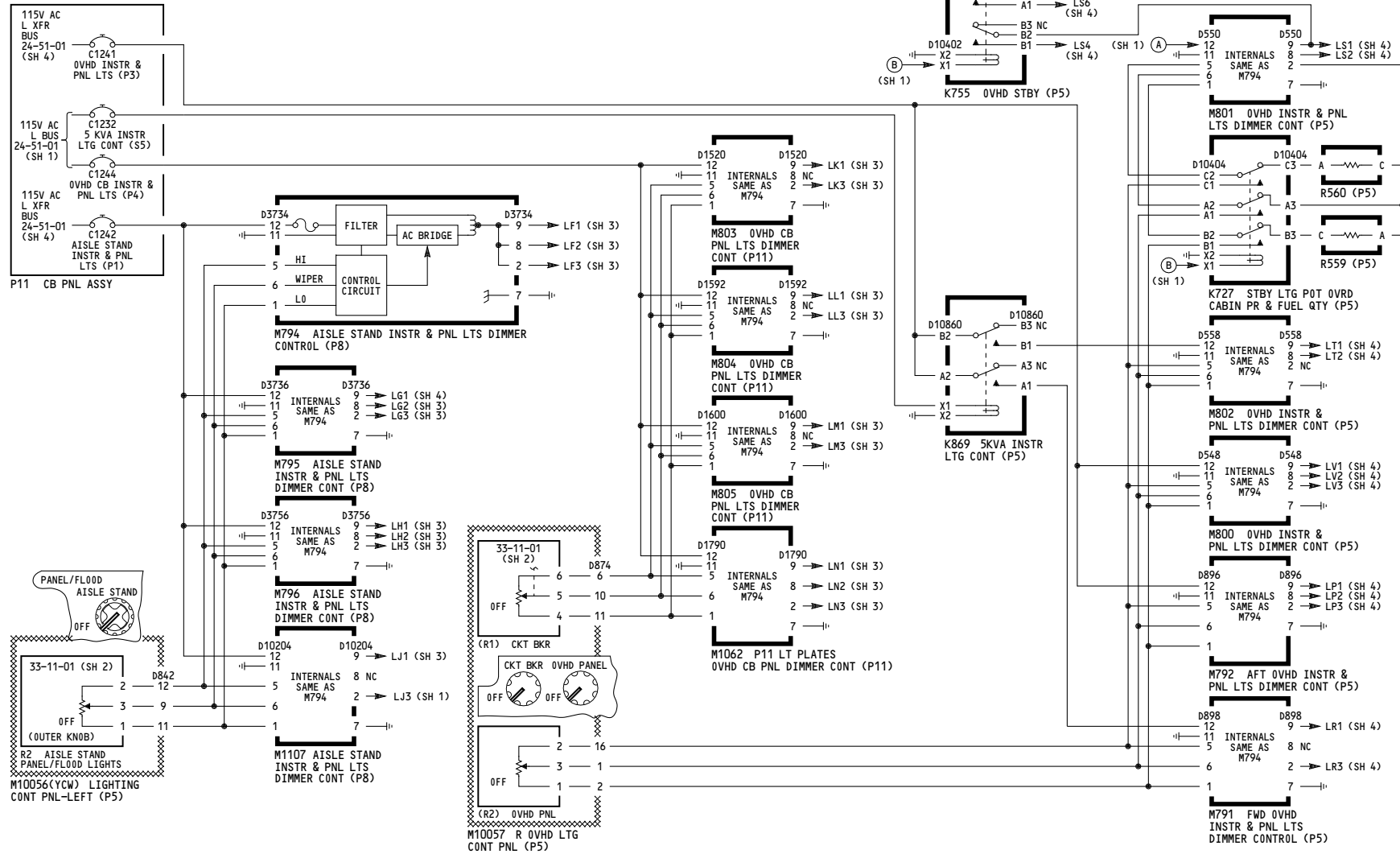
NOTES:  
 1 SWITCH INTERNALS ARE NOT PART OF PANEL LIGHTS AND ARE SHOWN FOR REFERENCE ONLY.

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FORWARD PANEL INSTRUMENT AND PANEL LIGHTS												
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S	H	K T	
			PIN	REF PT								
—	N99	D642	=A1	LC1	=C1	—	PILOT STBY MAGNETIC COMPASS	—	—	—	C	
P1-1	L481	—	= P	LD2	= G	—	CAPT INSTR SOURCE SEL LT PL	—	—	—	B	
	N1	D101	= P	LD2	= G	—	CAPT MACH AIRSPEED INDICATOR	—	—	—	C	
	N3	D645	= P	LD6	= G	—	L RADIO DIST MAG INDICATOR	—	—	—	C	
	N126	D1819	= P	LD2	= G	—	L METRIC ALT (PROV)	—	—	—	C	
	N128	D1839	= P	LD2	= G	—	L METRIC SEL ALT DISPLAY (PROV)	—	—	—	C	
	S2	—	= P	LD2	= G	ALTN	L FMC INSTR SOURCE SEL SW	34-22-09	1	A	A	
	S3	—	= P	LD2	= G	ALTN	L EFI INSTR SOURCE SEL SW	34-22-09	1	A	A	
	S4	—	= P	LD2	= G	ALTN	L IRS INSTR SOURCE SEL SW	34-22-09	1	A	A	
	S482	—	= P	LD2	= G	ALTN	CAPT ADC INSTR SOURCE SEL SW	34-12-01	1	A	A	
	M9053 CAPTAINS EGPWS SW PNL											
	L9009	D9131P	22	LD2	23	—	—	LIGHT PLATE	33-13-11	2	A	A
P1-3	L494	—	= P	LC5	= G	—	AUTO BRAKES LIGHT PLATE	—	—	—	B	
	L609	—	= P	LC5	= G	—	RESERVE BKS & STRG LIGHT PL	—	—	—	B	
	L662	—	= P	LC5	= G	—	CAUTION CANCEL/RCL LIGHT PL	—	—	—	B	
	N4	D10886	1	LD2	= G	—	CAPTAINS CLOCK	—	—	—	C	
	N8	D111	1	LD1	2	—	CAPTAINS ALTIMETER	—	—	—	C	
	N9	D113	1	LD1	2	—	L VERTICAL SPEED INDICATOR	—	—	—	C	
	N20	D216	1	LC1	2	—	STANDBY ATTITUDE/ILS IND	—	—	—	C	
	N22	D218	1	LC1	2	—	STANDBY AIRSPEED INDICATOR	—	—	—	C	
	N23	D220	1	LC2	2	—	STANDBY ALTIMETER INDICATOR	—	—	—	C	
	N70	D1363	3	LD1	13	—	CAPT AUTOLAND STATUS ANN	—	—	—	C	
	N10016	D10122	1	LD6	2	—	STANDBY ENGINE INDICATOR	—	—	—	C	
	S547	—	= P	LD1	15	0N	RESERVE BKS & STRG SEL SW	29-00-04	1	A	A	
	P3-1	L491	—	= P	LC4	= G	—	GEAR LEVER LIGHT PLATE	—	—	—	B
		L698	—	= P	LC4	= G	—	HSI HDG REFERENCE LIGHT PLATE	—	—	—	B
		M10258	D1669	1	LC4	2	—	THRUST MODE SELECT PANEL	—	—	—	C
		N10	D238	1	LA2	2	—	BRAKE PRESSURE INDICATOR	—	—	—	C
		N15	D240	1	LC4	2	—	FLAPS POSITION INDICATOR	—	—	—	C
N41		D711	1	LA2	2	—	F/O MACH AIRSPEED IND (PROV)	—	—	—	C	
N43		D647	1	LA2	2	—	R RADIO DIST MAG INDICATOR	—	—	—	C	
N71		D1365	3	LA2	13	—	F/O AUTOLAND STATUS ANN	—	—	—	C	
S601		—	= P	LC4	= G	ALTN	ALTN TE FLAPS ARM SWITCH	27-51-04	1	A	A	
S602		—	= P	LC4	= G	ALTN	ALTN LE FLAPS ARM SWITCH	27-81-03	1	A	A	
S605		—	= P	LC5	= G	0VRD	GND PROX FLAP OVRD SWITCH	34-44-01	2	A	A	
S604	—	= P	LC5	= G	0VRD	GND PROX/CONFIG GEAR OVRD SW	31-51-05	1	A	A		
M9054 F/O EGPWS SW PNL												
L9010	D9124P	22	LA2	23	—	—	LIGHT PLATE	33-13-13	1	A	A	
P3-3	L489	—	= P	LA1	= G	—	F/O INSTR SOURCE SEL LIGHT PL	—	—	—	B	
	N42	D719	1	LA1	2	—	F/O CLOCK	—	—	—	C	
	N48	D715	1	LA1	2	—	F/O ALTIMETER	—	—	—	C	
	N49	D717	1	LA1	2	—	R VERTICAL SPEED INDICATOR	—	—	—	C	
	N127	D1821	1	LA1	2	—	R METRIC ALT (PROV)	—	—	—	C	
	N129	D1843	1	LA1	2	—	R METRIC SEL ALT DISPLAY (PROV)	—	—	—	C	
	S10	—	= P	LA1	= G	ALTN	R FMC INSTR SOURCE SEL SW	34-22-09	1	A	A	
	S11	—	= P	LA1	= G	ALTN	R EFI INSTR SOURCE SEL SW	34-22-09	1	A	A	
	S12	—	= P	LA1	= G	ALTN	R IRS INSTR SOURCE SEL SW	34-22-09	1	A	A	
	S483	—	= P	LA1	= G	ALTN	F/O ADC INSTR SOURCE SEL SW	34-12-01	1	A	A	
	P7	L482	—	= P	LB7	= G	—	CAPT LIGHTING CONTROL LT PL	—	—	—	B
L483		—	= P	LB5	= G	—	F/O LIGHTING CONTROL LT PL	—	—	—	B	
P13	M901 CAPTAINS HEATER CONTROL PANEL											
	(LT PL)	D3780	1	LD2	2	—	LIGHT PLATE	—	—	—	A	
P14	M902 F/O HEATER CONTROL PANEL											
	(LT PL)	D3762	1	LA3	2	—	LIGHT PLATE	—	—	—	A	
P55	M90 AFCS MODE CONTROL PANEL											
	(LT PL)	D479	1	LB6	2	—	LIGHT PLATE	—	—	—	A	
	M91 L VOR CONTROL PANEL											
	(LT PL)	D869	1	LB1	2	—	LIGHT PLATE	—	—	—	A	
	M92 R VOR CONTROL PANEL											
(LT PL)	D871	1	LB5	2	—	LIGHT PLATE	—	—	—	A		

CONTROL STAND INSTRUMENT AND PANEL LIGHTS											
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S	H	K T
			PIN	REF PT							
P8	M70 CAPTAINS AUDIO SELECT PANEL										
	(LT PL)	D257	1	LJ6	2	—	LIGHT PLATE	—	—	—	A
	M71 FIRST OFFICER AUDIO SELECT PANEL										
	(LT PL)	D259	1	LH1	2	—	LIGHT PLATE	—	—	—	A
	M74 AILERON RUDDER TRIM CONTROL PANEL										
	(LT PL)	D1830	1	LG2	2	—	LIGHT PLATE	—	—	—	A
	N83 D1832 1 LG2 2 — RUDDER TRIM INDICATOR										
	M75 WEATHER RADAR CONTROL PANEL										
	(LT PL)	D395	P	LJ1	E	—	LIGHT PLATE	—	—	—	A
	M78 L VHF COMMUNICATIONS CONTROL PANEL										
	(LT PL)	D407	1	LJ6	2	—	LIGHT PLATE	—	—	—	A
	M79 R VHF COMMUNICATIONS CONTROL PANEL										
	(LT PL)	D409	1	LH1	2	—	LIGHT PLATE	—	—	—	A
	M80 CENTER VHF COMMUNICATIONS CONTROL PANEL										
	(LT PL)	D411	1	LG3	2	—	LIGHT PLATE	—	—	—	A
	M81 DUAL AIR TRAFFIC CONTROL PANEL										
	(LT PL)	D303	1	LG2	2	—	LIGHT PLATE	—	—	—	A
	M87 ILS CONTROL PANEL										
(LT PL)	D603	1	LJ6	2	—	LIGHT PLATE	—	—	—	A	
M939 ACARS PRINTER (PROVISIONS)											
(LT PL)	D637	1	LG2	2	—	LIGHT PLATE	—	—	—	A	
M1046 DUAL ADF CONTROL PANEL											
(LT PL)	D1629	1	LJ6	2	—	LIGHT PLATE	—	—	—	A	
M1169 MULT-INPUT PRINTER											
(LT PL)	D1729	M	LG3	E-	—	LIGHT PLATE	—	—	—	A	
M9048 ACARS VOICE/DATA SELECT											
(LT PL)	D9090	1	LJ1	2	—	LIGHT PLATE	—	—	—	A	
M10444(YD0) APU/CARGO FIRE CONTROL PANEL											
(LT PL)	D864	1	LH2	2	—	LIGHT PLATE	—	—	—	A	
S1	—	= P	13	15	—	ARMED	FWD CARGO FIRE SWITCH	26-23-01	1	A	A
S2	—	= P	13	15	—	ARMED	AFT CARGO FIRE SWITCH	26-23-01	1	A	A
M10445 FIRE/OVERHEAT TEST PANEL											
(LT PL)	D10104	1	LJ1	2	—	LIGHT PLATE	—	—	—	A	
P9	M76 L FMC CONTROL DISPLAY UNIT										
	(LT PL)	D465	28	LF2	29	—	LIGHT PLATE	—	—	—	A
	M77 R FMC CONTROL DISPLAY UNIT										
	(LT PL)	D467	28	LH2	29	—	LIGHT PLATE	—	—	—	A
	M10195 EICAS DISPLAY SELECT PANEL										
(LT PL)	D209	40	LF1	41	—	LIGHT PLATE	—	—	—	A	

INSTRUMENT AND PANEL LIGHTS											
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S	H	K T
			PIN	REF PT							
P10	L496	—	= P	LG3	= G	—	STAB. TRIM C/O CONT LT PL	—	—	—	B
	L576	—	= P	LG3	= G	—	FLAP SETTING LT PL	—	—	—	B
	L577	—	= P	LF3	= G	—	SPEED BRAKE LT PL	—	—	—	B
	L604	—	= P	LG3	= G	—	FUEL CONTROL LT PL	—	—	—	B
	M68	D2236	1	LF3	2	—	CAPT STAB. POSITION IND	—	—	—	B
	M69	D2238	1	LH3	2	—	F/O STAB. POSITION IND	—	—	—	B
M93 RIGHT EFIS CONTROL PANEL											
(LT PL)	D471	1	LH3	2	—	LIGHT PLATE	—	—	—	A	
M94 LEFT EFIS CONTROL PANEL											
(LT PL)	D469	1	LF3	2	—	LIGHT PLATE	—	—	—	A	
P11-3	L499	—	= P	LM1	= G	—	ROW 1 L LIGHT PLATE	—	—	—	B
	L500	—	= P	LM1	= G	—	ROW 2 L LIGHT PLATE	—	—	—	B
	L501	—	= P	LM1	= G	—	ROW 3 L LIGHT PLATE	—	—	—	B
	L502	—	= P	LM1	= G	—	ROW 4 L LIGHT PLATE	—	—	—	B
	L503	—	= P	LM1	= G	—	ROW 5 L LIGHT PLATE	—	—	—	B
P11-2	L504	—	= P	LM1	= G	—	ROW 6 L LIGHT PLATE	—	—	—	B
	L505	—	= P	LM1	= G	—	ROW 7 L LIGHT PLATE	—	—	—	B
	L506	—	= P	LL1	= G	—	ROW 8 L LIGHT PLATE	—	—	—	B
	L507	—	= P	LL1	= G	—	ROW 9 L LIGHT PLATE	—	—	—	B
	L508	—	= P	LL1	= G	—	ROW 10 L LIGHT PLATE	—	—	—	B
P11-1	L509	—	= P	LL1	= G	—	ROW 11 L LIGHT PLATE	—	—	—	B
	L510	—	= P	LL1	= G	—	ROW 12 L LIGHT PLATE	—	—	—	B
	L511	—	= P	LN2	= G	—	ROW 13 L LIGHT PLATE	—	—	—	B
	L512	—	= P	LN2	= G	—	ROW 14 L LIGHT PLATE	—	—	—	B
	L513	—	= P	LK1	= G	—	ROW 15 L LIGHT PLATE	—	—	—	B
P11-6	L514	—	= P	LK1	= G	—	ROW 16 L LIGHT PLATE	—	—	—	B
	L515	—	= P	LK1	= G	—	ROW 17 L LIGHT PLATE	—	—	—	B
	L516	—	= P	LK1	= G	—	ROW 18 L LIGHT PLATE	—	—	—	B
	L517	—	= P	LK1	= G	—	ROW 19 L LIGHT PLATE	—	—	—	B
	L518	—	= P	LN3	= G	—	ROW 20 L LIGHT PLATE	—	—	—	B
	L519	—	= P	LN3	= G	—	ROW 21 L LIGHT PLATE	—	—	—	B
P11-5	L520	—	= P	LM3	= G	—	ROW 1 R LIGHT PLATE	—	—	—	B
	L521	—	= P	LM3	= G	—	ROW 2 R LIGHT PLATE	—	—	—	B
	L522	—	= P	LM3	= G	—	ROW 3 R LIGHT PLATE	—	—	—	B
	L523	—	= P	LM3	= G	—	ROW 4 R LIGHT PLATE	—	—	—	B
	L524	—	= P	LM3	= G	—	ROW 5 R LIGHT PLATE	—	—	—	B
	L525	—	= P	LN1	= G	—	ROW 6 R LIGHT PLATE	—	—	—	B
P11-4	L526	—	= P	LN1	= G	—	ROW 7 R LIGHT PLATE	—	—	—	B
	L527	—	= P	LL3	= G	—	ROW 8 R LIGHT PLATE	—	—	—	B
	L528	—	= P	LL3	= G	—	ROW 9 R LIGHT PLATE	—	—	—	B
	L529	—	= P	LL3	= G	—	ROW 10 R LIGHT PLATE	—	—	—	B
	L530	—	= P	LL3	= G	—	ROW 11 R LIGHT PLATE	—	—	—	B

PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND PIN	SWITCH CAP INSC	SYSTEM	SCHEM	S H T
		PIN	REF	PT	PIN					
P5	M1	APU CONTROL PANEL								
(LT PL)	D1394	1	LV2	2	—	—	—	LIGHT PLATE	—	-A
	M10(YCY)	HYDRAULICS SYSTEMS CONTROL PANEL								
(LT PL)	D1312	1	LV1	2	—	—	—	LIGHT PLATE L ENG PRIMARY PUMP C ELEC 1 PRIMARY PUMP C ELEC 2 PRIMARY PUMP R ENG PRIMARY PUMP	29-00-02 1 29-00-04 3 29-00-04 3 29-00-03 1	-A
	M13	CABIN PRESSURE SELECT PANEL								
(LT PL)	D1324	1	LS1	2	—	—	—	LIGHT PLATE VALVE POSITION IND LDG ALTITUDE	—	-A
	M14(YBF)	TEMPERATURE CONTROL PANEL								
(LT PL)	D1302	1	LV2	2	—	—	—	LIGHT PLATE TEMP CONT VALVE POS TRIM AIR L RECIRC FAN R RECIRC FAN	21-60-01 1 21-25-01 1 21-25-02 1	-A
	M15(YCZ)	BLEED AIR SUPPLY PANEL								
(LT PL)	D1348	1	LP1	2	—	—	—	LIGHT PLATE L ISLN VALVE (OPEN) C ISLN VALVE (OPEN) R ISLN VALVE (ON) L ENG VALVE (OPEN) APU VALVE (ON) R ENG VALVE	36-11-01 1 36-11-03 1 36-11-02 1 36-11-05 1 36-11-04 2 36-11-06 2	-A
	N122	D3892	1	LP1	2	—	—	DUAL DUCT PRESSURE IND (LOC ON M15 PNL)	—	-C
	M17	EQUIPMENT COOLING CONTROL PANEL								
(LT PL)	D1366	1	LS6	2	—	—	—	LIGHT PLATE	—	-A
	M19	CABIN PRESSURE GAUGES PANEL								
(LT PL)	D1776	1	LS1	2	—	—	—	LIGHT PLATE	—	-A
	M29(YDB)	CARGO HEAT CONTROL PANEL								
(LT PL)	D3842	1	LP3	2	—	—	—	LIGHT PLATE FWD CARGO HEAT AFT CARGO HEAT BULK CARGO HEAT	21-43-01 1 21-44-01 1 21-44-02 1	-A
	M43	EMERGENCY LIGHTS CONTROL PANEL								
(LT PL)	D838	1	LP2	2	—	—	—	LIGHT PLATE	—	-A
	M49	ENGINE IGNITION AND START CONTROL PANEL								
(LT PL)	D848	1	LP3	2	—	—	—	LIGHT PLATE	—	-A
	M50	VOICE RECORDER CONTROL PANEL								
(LT PL)	D731	Y	LR3	2	—	—	—	LIGHT PLATE	—	-A
	M51	PILOTS CALL PANEL								
(LT PL)	D735	1	LP2	2	—	—	—	LIGHT PLATE	—	-A
	M52	PASSENGER SIGNS CONTROL PANEL								
(LT PL)	D854	1	LT1	2	—	—	—	LIGHT PLATE	—	-A

PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND PIN	SWITCH CAP INSC	SYSTEM	SCHEM	S H T
		PIN	REF	PT	PIN					
P5	M56(YCT)	ANTI-COLLISION AND LANDING LIGHT CONTROL								
(LT PL)	D856	1	LR1	2	—	—	—	LIGHT PLATE POSITION LIGHTS WHITE ANTI-COLLISION WING LIGHTS RED ANTI-COLLISION LTS	33-43-01 1 33-44-01 1 33-41-01 1 33-44-01 1	-A
	M59	INERTIAL REFERENCE MODE PANEL								
(LT PL)	D739 D741 D743	1 1 1	LP1 LP1 LP1	2 2 2	— — —	— — —	—	LIGHT PLATE (INPUTS COMMONED)	—	-A
	M61	EMERGENCY EVACUATION CONTROL PANEL								
(LT PL)	D636	1	LP3	2	—	—	—	LIGHT PLATE	—	-A
	M82	L HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D733	1	LP3	2	—	—	—	LIGHT PLATE	—	-A
	M83	R HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D737	1	LR3	2	—	—	—	LIGHT PLATE	—	-A
	M111(YDG)	ENTERTAINMENT PNL								
(LT PL)	D1655	1	LR1	2	—	—	—	LIGHT PLATE VIDEO POWER	23-32-01 1	-
	M1619	FWD CARGO TEMP CONTROL								
(LT PL)	D13534	1	LT2	2	—	—	—	LIGHT PLATE FWD CAR. FAULT	21-61-81 1	-A
	M10023	WINDSHIELD WIPER/RAIN REPELLANT CONTROL PANEL								
(LT PL)	D884	1	LR1	2	—	—	—	LIGHT PLATE	—	-A
	M10054	FUEL QUANTITY PANEL								
(LT PL)	D3896	1	LS2	2	—	—	—	LIGHT PLATE	—	-A
	M10055(YCL)	FUEL MANAGEMENT PANEL								
(LT PL)	D1374	1	LS6	2	—	—	—	LIGHT PLATE R PUMP - AFT R PUMP - FWD L PUMP - FWD C PUMP - RIGHT L PUMP - AFT R PUMP - FWD C PUMP - LEFT FUEL CROSSFEED VALVE	28-22-01 2 28-22-01 1 28-22-01 1 28-22-01 3 28-22-01 1 28-22-01 2 28-22-01 3 28-22-01 4	-A
	M10056(YCW)	LEFT LIGHTING CONTROL PANEL								
(LT PL)	D840	1	LS4	2	—	—	—	LIGHT PLATE LT OVRD	33-11-01 1	-A
	M10057(YCX)	RIGHT OVERHEAD LIGHTING CONTROL PANEL								
(LT PL)	D860	1	LS4	2	—	—	—	LIGHT PLATE	—	-A
	M10062(YDI)	STANDBY POWER PANEL								
(LT PL)	D10216	1	LV2	2	—	—	—	LIGHT PLATE BAT	24-33-01 1	-A

PILOTS OVERHEAD AND RIGHT SIDE PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND PIN	SWITCH CAP INSC	SYSTEM	SCHEM	S H T
		PIN	REF	PT	PIN					
P5	M10063(YDJ)	ELECTRICAL SYSTEMS PANEL								
(LT PL)	D1382	1	LV3	2	—	—	—	LIGHT PLATE L GEN CONT R GEN CONT L UTILITY BUS R UTILITY BUS L TIE BUS R TIE BUS APU GEN	24-20-01 1 24-20-02 1 24-51-01 3 24-51-02 3 24-20-01 1 24-20-02 1 24-20-03 1	-A
	M10078	COMPARTMENT TEMPERATURE PANEL								
(LT PL)	D1358	1	LT2	2	—	—	—	LIGHT PLATE	—	-A
	M10250(YAL)	YAW DAMPER PANEL								
(LT PL)	D723	1	LP2	2	—	—	—	LIGHT PLATE L YAW DAMPER R YAW DAMPER	22-21-01 1 22-21-02 1	-A
	M10395(YDM)	WINDOW HEAT CONTROL PANEL								
(LT PL)	D876	1	LT1	2	—	—	—	LIGHT PLATE R SIDE WINDOW HEAT R FWD WINDOW HEAT L FWD WINDOW HEAT L SIDE WINDOW HEAT	30-41-01 1 30-41-02 1 30-41-01 1 30-41-02 1	-A
	M10397(YDN)	WING AND ENGINE ANTI-ICE CONTROL PANEL								
(LT PL)	D890	1	LV2	2	—	—	—	LIGHT PLATE L ENG ANTI-ICE VALVE R ENG ANTI-ICE VALVE WING ANTI-ICE VALVE	30-21-01 1 30-21-01 1 30-11-01 1	-A
	M10761(YHW)	EEC CONTROL MODULE								
(LT PL)	D2083	1	LV2	2	—	—	—	LIGHTPLATE L EEC CONT R EEC CONT	73-21-01 1 73-21-01 1	-A
	M98	FIRST OBSERVERS AUDIO SELECT PANEL								
(LT PL)	D551	1	LE2	2	—	—	—	LIGHT PLATE	—	-A
	M1129	RIGHT SIDE OBSERVERS LIGHTING CONTROL PANEL								
(LT PL)	D10396	1	LE3	2	—	—	—	LIGHT PLATE	—	-A
	M1254	CONTROL DISPLAY UNIT								
(LT PL)	D1833	F-	LE2	G-	—	—	—	LIGHT PLATE	—	-A

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**INSTRUMENT AND PANEL LIGHTS**

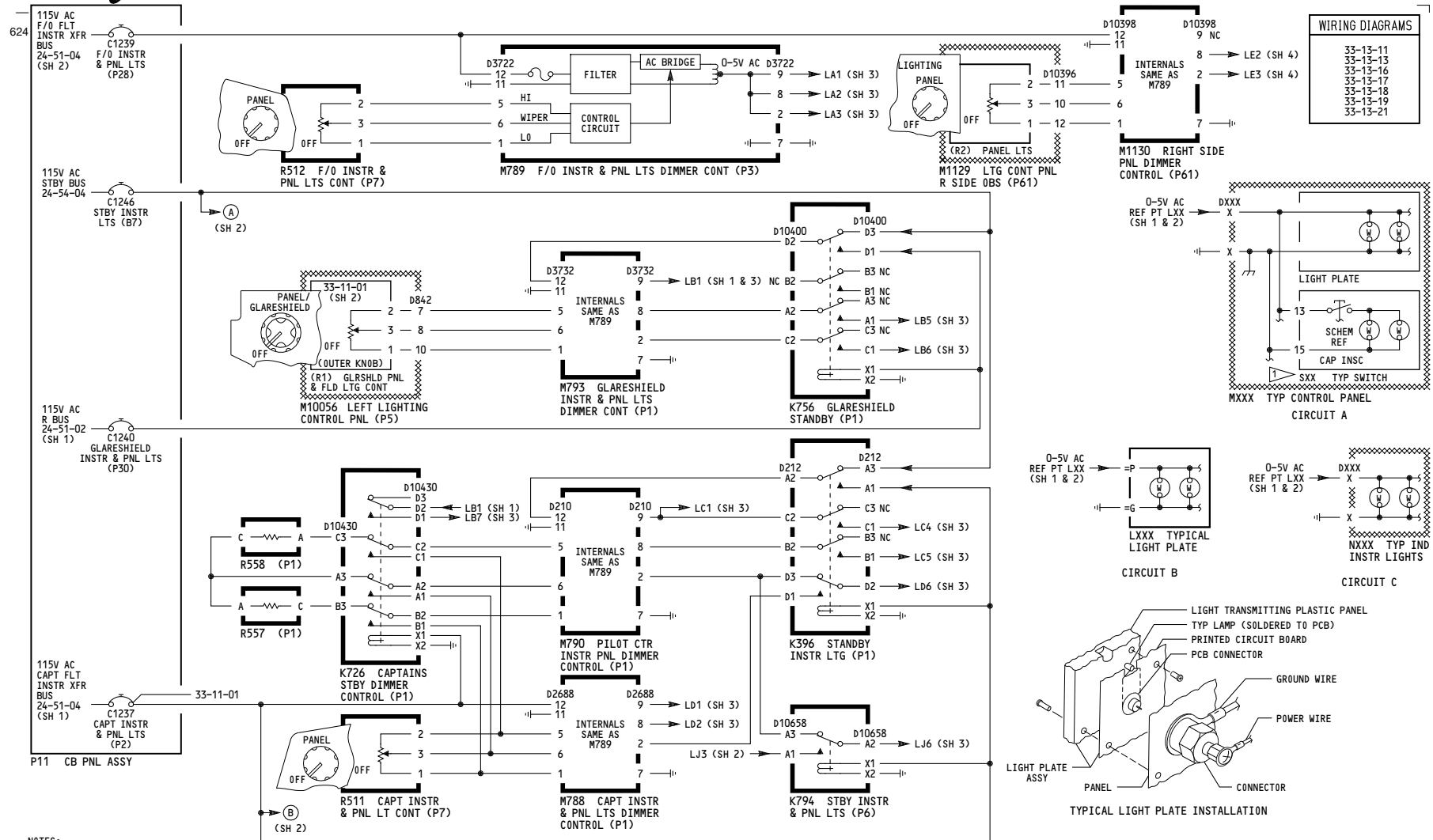
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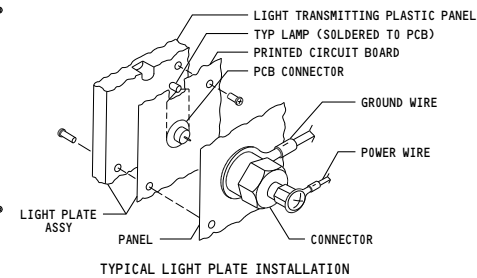
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WIRING DIAGRAMS	
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NOTES:  
 1 SWITCH INTERNALS ARE NOT PART OF PANEL LIGHTS AND ARE SHOWN FOR REFERENCE ONLY.

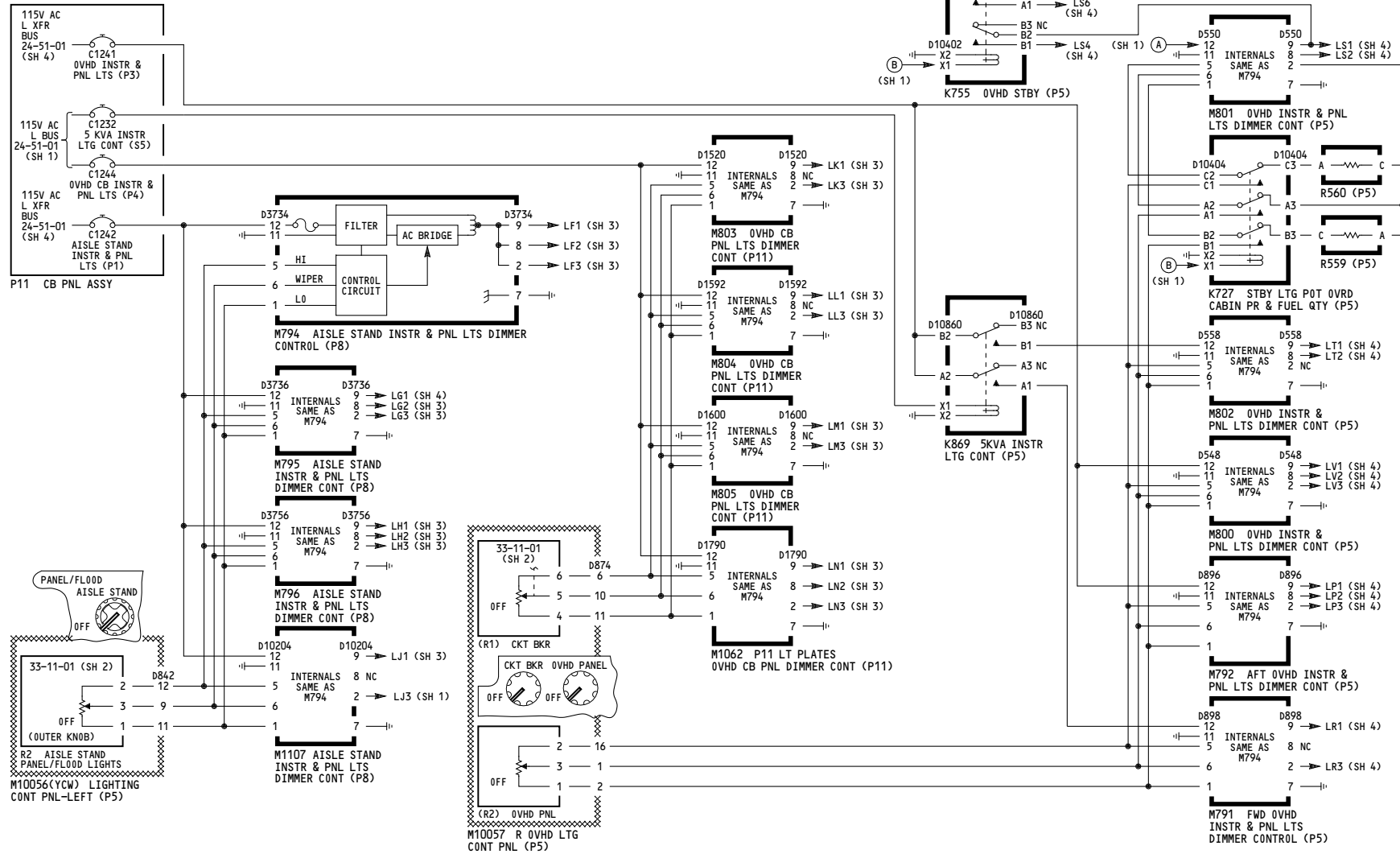


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**INSTRUMENT AND PANEL LIGHTS**

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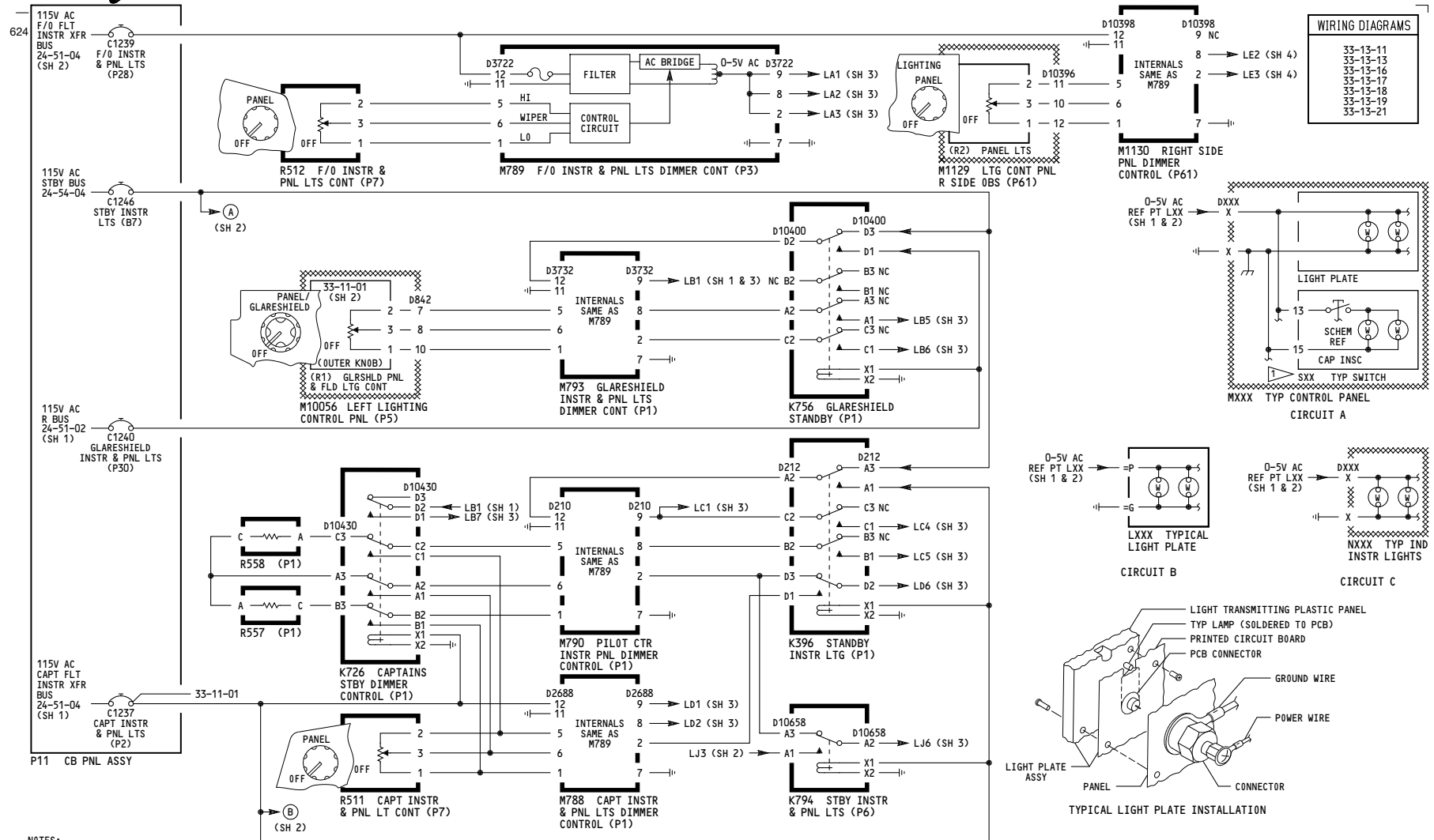
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PNL	PILOTS OVERHEAD PANEL LIGHTS										SCHEM	S	C	K	T	
	LIGHT/ SW/ IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM								
		PIN	REF	PT	PIN											REF
P5	M1	APU CONTROL PANEL														
(LT PL)	D1394	1	LV2	2	---		LIGHT PLATE									
	M10(YCY)	HYDRAULICS SYSTEMS CONTROL PANEL														
(LT PL)	D1312	1	LV1	2	---		LIGHT PLATE									
S1	---	13	15	ON	---		L ENG PRIMARY PUMP	29-00-02	1							
S2	---	13	15	ON	---		C ELEC 1 PRIMARY PUMP	29-00-04	3							
S3	---	13	15	ON	---		C ELEC 2 PRIMARY PUMP	29-00-04	3							
S4	---	13	15	ON	---		R ENG PRIMARY PUMP	29-00-03	1							
	M13	CABIN PRESSURE SELECT PANEL														
(LT PL)	D1324	1	LS1	2	---		LIGHT PLATE									
N1	---	1	2	---			VALVE POSITION IND									
N2	---	1	2	---			LDG ALTITUDE									
	M14(YBF)	TEMPERATURE CONTROL PANEL														
(LT PL)	D1302	1	LV2	2	---		LIGHT PLATE									
N1	---	1	2	---			TEMP CONT VALVE POS									
S1	---	13	15	ON	---		TRIM AIR	21-60-01	1							
S2	---	13	15	ON	---		L RECIRC FAN	21-25-01	1							
S3	---	13	15	ON	---		R RECIRC FAN	21-25-02	1							
	M15(YCZ)	BLEED AIR SUPPLY PANEL														
(LT PL)	D1348	1	LP1	2	---		LIGHT PLATE									
S1	---	13	15	(OPEN)	---		L ISLN VALVE	36-11-01	1							
S2	---	13	15	(OPEN)	---		C ISLN VALVE	36-11-03	1							
S3	---	13	15	(OPEN)	---		R ISLN VALVE	36-11-02	1							
S4	---	13	15	(ON)	---		L ENG VALVE	36-11-05	1							
S5	---	13	15	(OPEN)	---		APU VALVE	36-11-04	1							
S6	---	13	15	(ON)	---		R ENG VALVE	36-11-06	1							
	N122	D3892	1	LP1	2	---	DUAL DUCT PRESSURE IND									
							(LOC ON M15 PNL)									
	M17	EQUIPMENT COOLING CONTROL PANEL														
(LT PL)	D1366	1	LS6	2	---		LIGHT PLATE									
	M19	CABIN PRESSURE GAUGES PANEL														
(LT PL)	D1776	1	LS1	2	---		LIGHT PLATE									
	M29(YDB)	CARGO HEAT CONTROL PANEL														
(LT PL)	D3842	1	LP3	2	---		LIGHT PLATE									
S1	---	13	15	ON	---		FWD CARGO HEAT	21-43-01	1							
S2	---	13	15	ON	---		AFT CARGO HEAT	21-44-01	1							
S3	---	13	15	ON	---		BULK CARGO HEAT	21-44-02	1							
	M43	EMERGENCY LIGHTS CONTROL PANEL														
(LT PL)	D838	1	LP2	2	---		LIGHT PLATE									
	M49	ENGINE IGNITION AND START CONTROL PANEL														
(LT PL)	D848	1	LP3	2	---		LIGHT PLATE									
	M50	VOICE RECORDER CONTROL PANEL														
(LT PL)	D731	Y	LR3	2	---		LIGHT PLATE									
	M51	PILOTS CALL PANEL														
(LT PL)	D735	1	LP2	2	---		LIGHT PLATE									
	M52	PASSENGER SIGNS CONTROL PANEL														
(LT PL)	D854	1	LT1	2	---		LIGHT PLATE									

PNL	PILOTS OVERHEAD PANEL LIGHTS										SCHEM	S	C	K	T	
	LIGHT/ SW/ IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM								
		PIN	REF	PT	PIN											REF
P5	M56(YCT)	ANTI-COLLISION AND LANDING LIGHT CONTROL														
(LT PL)	D856	1	LR1	2	---		LIGHT PLATE									
S1	---	13	15	ON	---		POSITION LIGHTS	33-43-01	1							
S5	---	13	15	ON	---		WHITE ANTI-COLLISION	33-44-01	1							
S6	---	13	15	ON	---		WING LIGHTS	33-41-01	1							
S7	---	13	15	ON	---		RED ANTI-COLLISION LTS	33-44-01	1							
	M59	INERTIAL REFERENCE MODE PANEL														
(LT PL)	D739	1	LP1	2	---		LIGHT PLATE									
D741	---	1	LP1	2	---		(INPUTS COMMONED)									
D743	---	1	LP1	2	---											
	M61	EMERGENCY EVACUATION CONTROL PANEL														
(LT PL)	D636	1	LP3	2	---		LIGHT PLATE									
	M82	L HF COMMUNICATIONS CONTROL PANEL														
(LT PL)	D733	1	LP3	2	---		LIGHT PLATE									
	M83	R HF COMMUNICATIONS CONTROL PANEL														
(LT PL)	D737	1	LR3	2	---		LIGHT PLATE									
	M111(YDG)	ENTERTAINMENT PNL														
(LT PL)	D1655	1	LR1	2	---		LIGHT PLATE									
S1	---	13	15	ON	---		VIDEO POWER	23-32-01	1							
	M1619	FWD CARGO TEMP CONTROL														
(LT PL)	D13534	1	LT2	2	---		LIGHT PLATE									
S1	---	13	15	ON	---		FWD CAR. FAULT	21-61-81	1							
	M10023	WINDSHIELD WIPER/RAIN REPELLANT CONTROL PANEL														
(LT PL)	D884	1	LR1	2	---		LIGHT PLATE									
	M10054	FUEL QUANTITY PANEL														
(LT PL)	D3896	1	LS2	2	---		LIGHT PLATE									
	M10055(YCL)	FUEL MANAGEMENT PANEL														
(LT PL)	D1374	1	LS6	2	---		LIGHT PLATE									
S1	---	13	15	ON	---		R PUMP - AFT	28-22-01	2							
S2	---	13	15	ON	---		L PUMP - FWD	28-22-01	1							
S3	---	13	15	ON	---		C PUMP - RIGHT	28-22-01	3							
S4	---	13	15	ON	---		L PUMP - AFT	28-22-01	1							
S5	---	13	15	ON	---		R PUMP - FWD	28-22-01	2							
S6	---	13	15	ON	---		C PUMP - LEFT	28-22-01	3							
S7	---	13	15	(OPEN)	---		FUEL CROSSFEED VALVE	28-22-01	4							
	M10056(YCW)	LEFT LIGHTING CONTROL PANEL														
(LT PL)	D840	1	LS4	2	---		LIGHT PLATE									
S3	---	13	15	ON	---		LT OVRD	33-11-01	1							
	M10057(YCX)	RIGHT OVERHEAD LIGHTING CONTROL PANEL														
(LT PL)	D860	1	LS4	2	---		LIGHT PLATE									
S4	---	13	15	ON	---		LOGO	33-45-01	1							
	M10062(YDI)	STANDBY POWER PANEL														
(LT PL)	D10216	1	LV2	2	---		LIGHT PLATE									
S2	---	13	15	ON	---		BAT	24-33-01	1							

PNL	PILOTS OVERHEAD AND RIGHT SIDE PANEL LIGHTS										SCHEM	S	C	K	T	
	LIGHT/ SW/ IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM								
		PIN	REF	PT	PIN											REF
P5	M10063(YDJ)	ELECTRICAL SYSTEMS PANEL														
(LT PL)	D1382	1	LV3	2	---		LIGHT PLATE									
S3	---	13	15	ON	---		L GEN CONT	24-20-01	1							
S4	---	13	15	ON	---		R GEN CONT	24-20-02	1							
S7	---	13	15	ON	---		L UTILITY BUS	24-51-01	3							
S8	---	13	15	ON	---		R UTILITY BUS	24-51-02	3							
S9	---	13	15	AUTO	---		L TIE BUS	24-20-01	1							
S10	---	13	15	AUTO	---		R TIE BUS	24-20-02	1							
S11	---	13	15	ON	---		APU GEN	24-20-03	1							
	M10078	COMPARTMENT TEMPERATURE PANEL														
(LT PL)	D1358	1	LT2	2	---		LIGHT PLATE									
	M10250(YAL)	YAW DAMPER PANEL														
(LT PL)	D723	1	LP2	2	---		LIGHT PLATE									
S1	---	13	15	ON	---		L YAW DAMPER	22-21-01	1							
S2	---	13	15	ON	---		R YAW DAMPER	22-21-02	1							
	M10395(YDM)	WINDOW HEAT CONTROL PANEL														
(LT PL)	D876	1	LT1	2	---		LIGHT PLATE									
S1	---	13	15	ON	---		R SIDE WINDOW HEAT	30-41-01	1							
S2	---	13	15	ON	---		R FWD WINDOW HEAT	30-41-02	1							
S3	---	13	15	ON	---		L FWD WINDOW HEAT	30-41-01	1							
S4	---	13	15	ON	---		L SIDE WINDOW HEAT	30-41-02	1							
	M10397(YDN)	WING AND ENGINE ANTI-ICE CONTROL PANEL														
(LT PL)	D890	1	LV2	2	---		LIGHT PLATE									
	M10761(YHW)	EEC CONTROL MODULE														
(LT PL)	D2083	1	LV2	2	---		LIGHTPLATE									
S1	---	13	15	ON	---		L EEC CONT	73-21-01								



WIRING DIAGRAMS	
33-13-11	
33-13-13	
33-13-16	
33-13-17	
33-13-18	
33-13-19	
33-13-21	

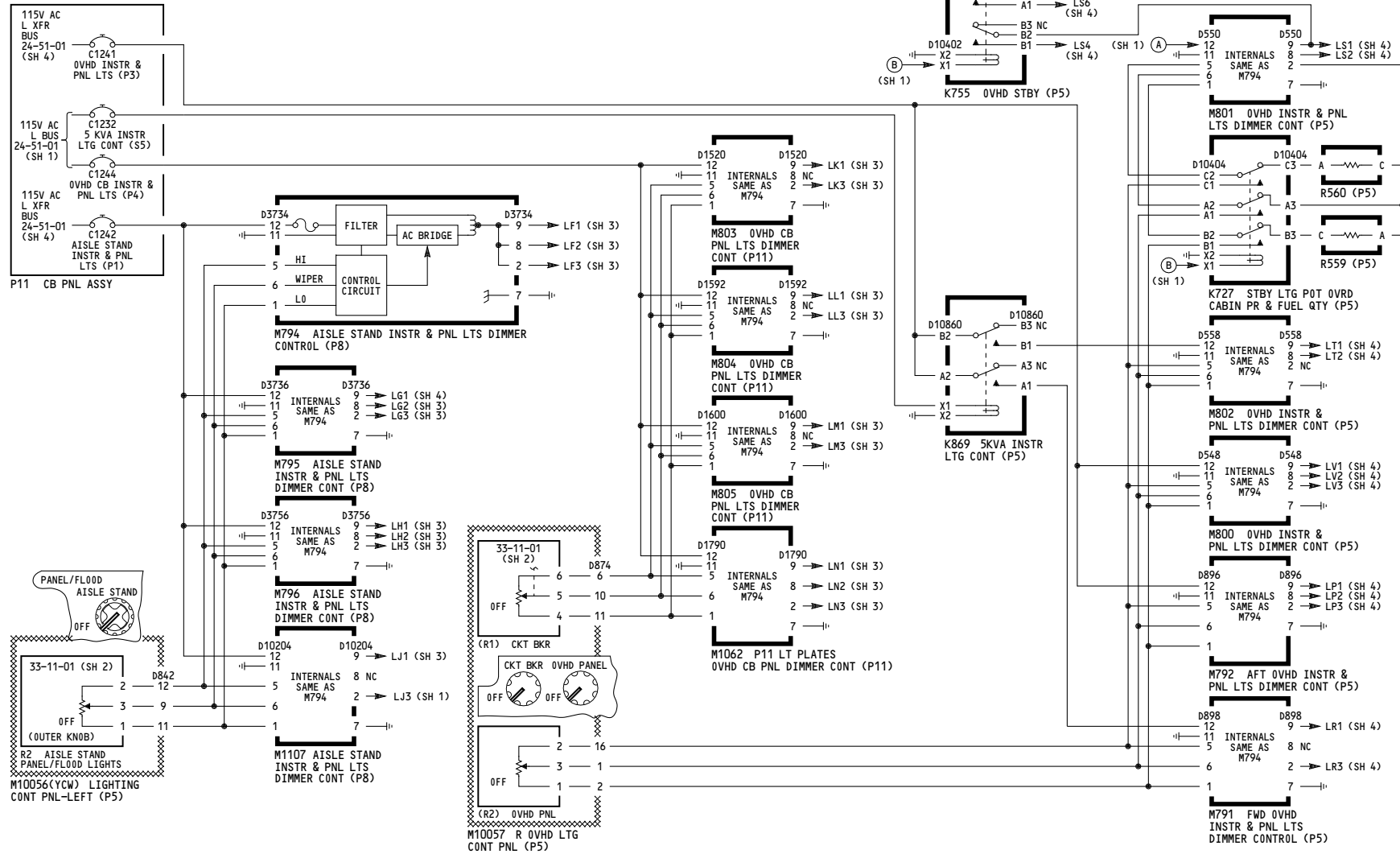
NOTES:  
 1 SWITCH INTERNALS ARE NOT PART OF PANEL LIGHTS AND ARE SHOWN FOR REFERENCE ONLY.

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FORWARD PANEL INSTRUMENT AND PANEL LIGHTS												
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S	C	K T	
			PIN	REF PT								PIN
—	N99	D642	=A1	LC1	=C1	—	PILOT STBY MAGNETIC COMPASS	—	—	—	C	
P1-1	L481 N1 N3 N126 N128 S2 S3 S4 S482	D101 D645 D1819 D1839	=P =P =P =P — — — —	LD2 LD2 LD2 LD2 LD2 LD2 LD2 LD2	=G =G =G =G — — — —	— — — — — — — —	CAPT INSTR SOURCE SEL LT PL CAPT MACH AIRSPEED INDICATOR L RADIO DIST MAG INDICATOR L METRIC ALT (PROV) L METRIC SEL ALT DISPLAY (PROV) L FMC INSTR SOURCE SEL SW L EFI INSTR SOURCE SEL SW L IRS INSTR SOURCE SEL SW CAPT ADC INSTR SOURCE SEL SW	— — — — — 34-22-09 34-22-09 34-22-09 34-12-01	1 1 1 1 1 1 1 1 1	A A A A A A A A A	B C C C C C C C C	
M9053 CAPTAINS EGPWS SW PNL												
—	L9009	D9131P	22	LD2	23	—	LIGHT PLATE	33-13-11	2	A	A	
P1-3	L494 L609 L662 N2 N8 N9 N20 N22 N23 N70 N10016 S547	D10886 D111 D113 D216 D218 D220 D1363 D10122 D10122	=P =P =P =P — — — — — — — — —	LC5 LC5 LC5 LD1 LD1 LD1 LC1 LC1 LC2 LD1 LD6 LD1	=G =G =G =G =G =G =G =G =G =G =G =G =G	— — — — — — — — — — — — —	AUTO BRAKES LIGHT PLATE RESERVE BKS & STRG LIGHT PL CAUTION CANCEL/RCL LIGHT PL CAPTAINS CLOCK CAPTAINS ALTIMETER L VERTICAL SPEED INDICATOR STANDBY ATTITUDE/ILS IND STANDBY AIRSPEED INDICATOR STANDBY ALTIMETER INDICATOR CAPT AUTOLAND STATUS ANN STANDBY ENGINE INDICATOR RESERVE BKS & STRG SEL SW	— — — — — — — — — — — — —	29-00-04	1 1 1 1 1 1 1 1 1 1 1 1 1	A A A A A A A A A A A A A	B B B B B B B B B B B B B
M9054 F/O EGPWS SW PNL												
—	L9010	D9124P	22	LA2	23	—	LIGHT PLATE	33-13-13	1	A	A	
P3-3	L489 N42 N48 N49 N127 N129 S10 S11 S12 S483	D719 D715 D717 D1821 D1843	=P =P =P =P =P — — — —	LA1 LA1 LA1 LA1 LA1 LA1 LA1 LA1 LA1 LA1	=G =G =G =G =G =G =G =G =G =G	— — — — — — — — — —	F/O INSTR SOURCE SEL LIGHT PL F/O CLOCK F/O ALTIMETER R VERTICAL SPEED INDICATOR R METRIC ALT (PROV) R METRIC SEL ALT DISPLAY (PROV) R FMC INSTR SOURCE SEL SW R EFI INSTR SOURCE SEL SW R IRS INSTR SOURCE SEL SW F/O ADC INSTR SOURCE SEL SW	— — — — — — — — — —	34-22-09 34-22-09 34-22-09 34-22-09 34-22-09 34-22-09 34-22-09 34-22-09 34-22-09 34-12-01	1 1 1 1 1 1 1 1 1 1 1 1	A A A A A A A A A A A A	B B B B B B B B B B B B
P7	L482 L483	— —	=P =P	LB7 LB5	=G =G	— —	CAPT LIGHTING CONTROL LT PL F/O LIGHTING CONTROL LT PL	— —	— —	— —	B B	
P13	M901 CAPTAINS HEATER CONTROL PANEL											
(LT PL)	D3780	1	LD2	2	—	—	LIGHT PLATE	—	—	—	A	
P14	M902 F/O HEATER CONTROL PANEL											
(LT PL)	D3762	1	LA3	2	—	—	LIGHT PLATE	—	—	—	A	
P55	M90 AFCS MODE CONTROL PANEL											
(LT PL)	D479	1	LB6	2	—	—	LIGHT PLATE	—	—	—	A	
M91 L VOR CONTROL PANEL												
(LT PL)	D869	1	LB1	2	—	—	LIGHT PLATE	—	—	—	A	
M92 R VOR CONTROL PANEL												
(LT PL)	D871	1	LB5	2	—	—	LIGHT PLATE	—	—	—	A	

CONTROL STAND INSTRUMENT AND PANEL LIGHTS											
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S	C	K T
			PIN	REF PT							
P8	M70 CAPTAINS AUDIO SELECT PANEL										
(LT PL)	D257	1	LJ6	2	—	—	LIGHT PLATE	—	—	—	A
M71 FIRST OFFICER AUDIO SELECT PANEL											
(LT PL)	D259	1	LH1	2	—	—	LIGHT PLATE	—	—	—	A
M74 AILERON RUDDER TRIM CONTROL PANEL											
(LT PL)	D1830	1	LG2	2	—	—	LIGHT PLATE	—	—	—	A
N83	D1832	1	LG2	2	—	—	RUDDER TRIM INDICATOR	—	—	—	C
M75 WEATHER RADAR CONTROL PANEL											
(LT PL)	D395	P	LJ1	E	—	—	LIGHT PLATE	—	—	—	A
M78 L VHF COMMUNICATIONS CONTROL PANEL											
(LT PL)	D407	1	LJ6	2	—	—	LIGHT PLATE	—	—	—	A
M79 R VHF COMMUNICATIONS CONTROL PANEL											
(LT PL)	D409	1	LH1	2	—	—	LIGHT PLATE	—	—	—	A
M80 CENTER VHF COMMUNICATIONS CONTROL PANEL											
(LT PL)	D411	1	LG3	2	—	—	LIGHT PLATE	—	—	—	A
M81 DUAL AIR TRAFFIC CONTROL PANEL											
(LT PL)	D303	1	LG2	2	—	—	LIGHT PLATE	—	—	—	A
M87 ILS CONTROL PANEL											
(LT PL)	D603	1	LJ6	2	—	—	LIGHT PLATE	—	—	—	A
M939 ACARS PRINTER (PROVISIONS)											
(LT PL)	D637	1	LG2	2	—	—	LIGHT PLATE	—	—	—	A
M1046 DUAL ADF CONTROL PANEL											
(LT PL)	D1629	1	LJ6	2	—	—	LIGHT PLATE	—	—	—	A
M1169 MULT-INPUT PRINTER											
(LT PL)	D1729	M	LG3	E-	—	—	LIGHT PLATE	—	—	—	A
M9048 ACARS VOICE/DATA SELECT											
(LT PL)	D9090	1	LJ1	2	—	—	LIGHT PLATE	—	—	—	A
M10444(YD0) APU/CARGO FIRE CONTROL PANEL											
(LT PL)	D864	1	LH2	2	—	—	LIGHT PLATE	—	—	—	A
S1	—	13	15	ARMED	—	—	FWD CARGO FIRE SWITCH	26-23-01	1	—	B
S2	—	13	15	ARMED	—	—	AFT CARGO FIRE SWITCH	26-23-01	1	—	B
M10445 FIRE/OVERHEAT TEST PANEL											
(LT PL)	D10104	1	LJ1	2	—	—	LIGHT PLATE	—	—	—	A
P9	M76 L FMC CONTROL DISPLAY UNIT										
(LT PL)	D465	28	LF2	29	—	—	LIGHT PLATE	—	—	—	A
M77 R FMC CONTROL DISPLAY UNIT											
(LT PL)	D467	28	LH2	29	—	—	LIGHT PLATE	—	—	—	A
M10195 EICAS DISPLAY SELECT PANEL											
(LT PL)	D209	40	LF1	41	—	—	LIGHT PLATE	—	—	—	A

INSTRUMENT AND PANEL LIGHTS											
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S	C	K T
			PIN	REF PT							
P10	L496 L576 L577 L604 M68 M69	— — — — D2236 D2238	=P =P =P =P =P =P	LG3 LG3 LF3 LG3 LF3 LH3	=G =G =G =G =G =G	— — — — — —	STAB. TRIM C/O CONT LT PL FLAP SETTING LT PL SPEED BRAKE LT PL FUEL CONTROL LT PL CAPT STAB. POSITION IND F/O STAB. POSITION IND	— — — — — —	— — — — — —	— — — — — —	B B B B B C
M93 RIGHT EFIS CONTROL PANEL											
(LT PL)	D471	1	LH3	2	—	—	LIGHT PLATE	—	—	—	A
M94 LEFT EFIS CONTROL PANEL											
(LT PL)	D469	1	LF3	2	—	—	LIGHT PLATE	—	—	—	A
P11-3	L499 L500 L501 L502 L503 L504 L505	— — — — — — —	=P =P =P =P =P =P =P	LM1 LM1 LM1 LM1 LM1 LM1 LM1	=G =G =G =G =G =G =G	— — — — — — —	ROW 1 L LIGHT PLATE ROW 2 L LIGHT PLATE ROW 3 L LIGHT PLATE ROW 4 L LIGHT PLATE ROW 5 L LIGHT PLATE ROW 6 L LIGHT PLATE ROW 7 L LIGHT PLATE	— — — — — — —	— — — — — — —	— — — — — — —	B B B B B B B
P11-2	L506 L507 L508 L509 L510 L511 L512	— — — — — — —	=P =P =P =P =P =P =P	LL1 LL1 LL1 LL1 LL1 LN2 LN2	=G =G =G =G =G =G =G	— — — — — — —	ROW 8 L LIGHT PLATE ROW 9 L LIGHT PLATE ROW 10 L LIGHT PLATE ROW 11 L LIGHT PLATE ROW 12 L LIGHT PLATE ROW 13 L LIGHT PLATE ROW 14 L LIGHT PLATE	— — — — — — —	— — — — — — —	— — — — — — —	B B B B B B B
P11-1	L513 L514 L515 L516 L517 L518 L519	— — — — — — —	=P =P =P =P =P =P =P	LK1 LK1 LK1 LK1 LK1 LN3 LN3	=G =G =G =G =G =G =G	— — — — — — —	ROW 15 L LIGHT PLATE ROW 16 L LIGHT PLATE ROW 17 L LIGHT PLATE ROW 18 L LIGHT PLATE ROW 19 L LIGHT PLATE ROW 20 L LIGHT PLATE ROW 21 L LIGHT PLATE	— — — — — — —	— — — — — — —	— — — — — — —	B B B B B B B
P11-6	L520 L521 L522 L523 L524 L525 L526	— — — — — — —	=P =P =P =P =P =P =P	LM3 LM3 LM3 LM3 LM3 LN1 LN1	=G =G =G =G =G =G =G	— — — — — — —	ROW 1 R LIGHT PLATE ROW 2 R LIGHT PLATE ROW 3 R LIGHT PLATE ROW 4 R LIGHT PLATE ROW 5 R LIGHT PLATE ROW 6 R LIGHT PLATE ROW 7 R LIGHT PLATE	— — — — — — —	— — — — — — —	— — — — — — —	B B B B B B B
P11-5	L527 L528 L529 L530 L531 L532 L533	— — — — — — —	=P =P =P =P =P =P =P	LL3 LL3 LL3 LL3 LL3 LN2 LN2	=G =G =G =G =G =G =G	— — — — — — —	ROW 8 R LIGHT PLATE ROW 9 R LIGHT PLATE ROW 10 R LIGHT PLATE ROW 11 R LIGHT PLATE ROW 12 R LIGHT PLATE ROW 13 R LIGHT PLATE ROW 14 R LIGHT PLATE	— — — — — — —	— — — — — — —	— — — — — — —	B B B B B B B
P11-4	L534 L535 L536 L537 L538 L539 L540	— — — — — — —	=P =P =P =P =P =P =P	LK3 LK3 LK3 LK3 LK3 LN3 LN3	=G =G =G =G =G =G =G	— — — — — — —	ROW 15 R LIGHT PLATE ROW 16 R LIGHT PLATE ROW 17 R LIGHT PLATE ROW 18 R LIGHT PLATE ROW 19 R LIGHT PLATE ROW 20 R LIGHT PLATE ROW 21 R LIGHT PLATE	— — — — — — —	— — — — — — —	— — — — — — —	B B B B B B B

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INSTRUMENT AND PANEL LIGHTS

- Incorporates
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- ▶ MTO-340961

D280T232

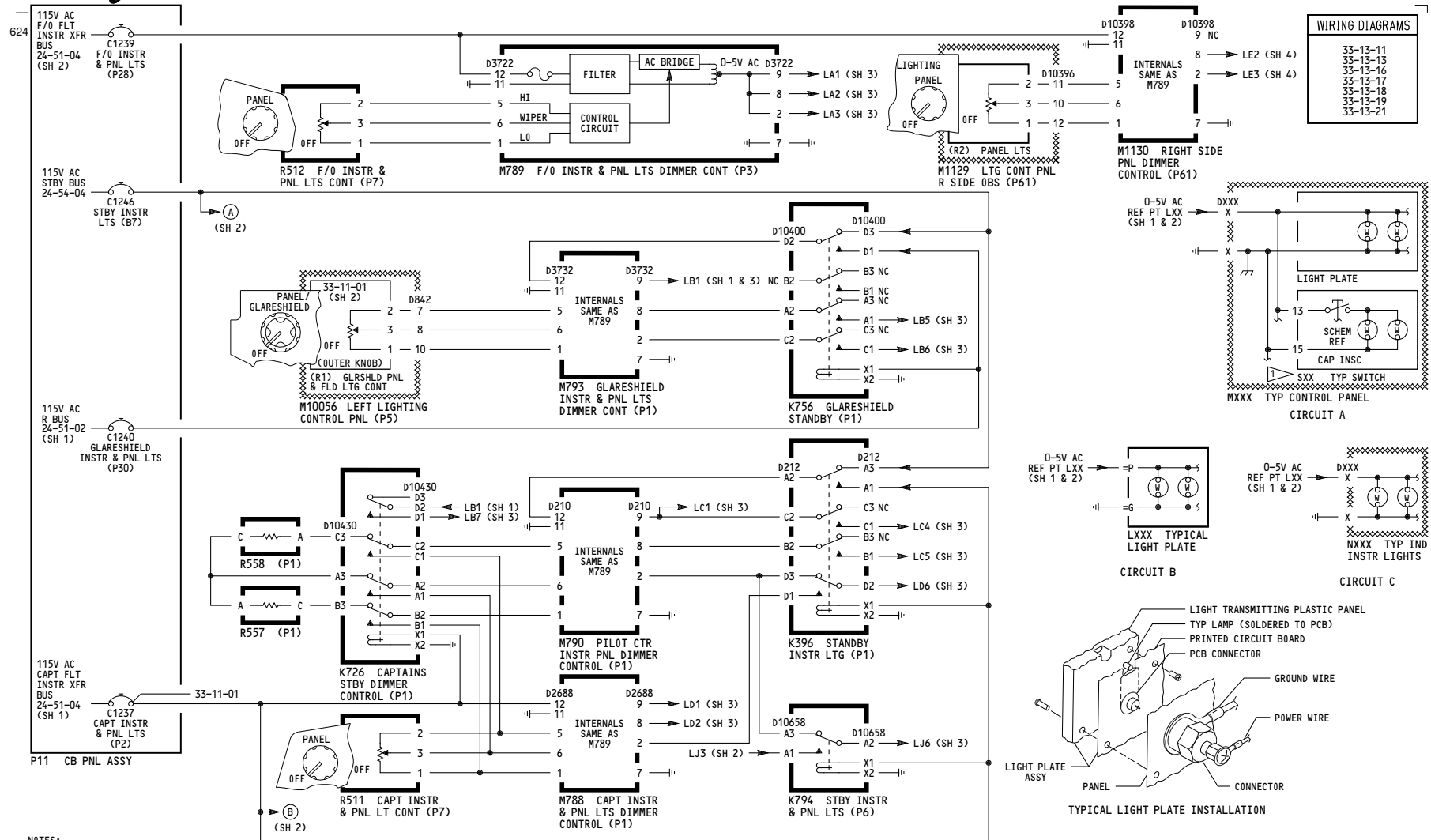
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PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND PIN	SWITCH CAP INSC	SYSTEM	SCHEM	S H T
		PIN	REF	PT	PIN					
P5	M1	APU CONTROL PANEL								
(LT PL)	D1394	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
	M10(YCY)	HYDRALICS SYSTEMS CONTROL PANEL								
(LT PL)	D1312	1	LV1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	L ENG PRIMARY PUMP	29-00-02 1	---
S2	---	13	15	ON	---	---	---	C ELEC 1 PRIMARY PUMP	29-00-04 3	---
S3	---	13	15	ON	---	---	---	C ELEC 2 PRIMARY PUMP	29-00-04 3	---
S4	---	13	15	ON	---	---	---	R ENG PRIMARY PUMP	29-00-03 1	---
	M13	CABIN PRESSURE SELECT PANEL								
(LT PL)	D1324	1	LS1	2	---	---	---	LIGHT PLATE	---	-A
N1	---	1	2	---	---	---	---	VALVE POSITION IND	---	---
N2	---	1	2	---	---	---	---	LDG ALTITUDE	---	---
	M14(YBF)	TEMPERATURE CONTROL PANEL								
(LT PL)	D1302	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
N1	---	1	2	---	---	---	---	TEMP CONT VALVE POS	---	---
S1	---	13	15	ON	---	---	---	TRIM AIR	21-60-01 1	---
S2	---	13	15	ON	---	---	---	L RECIRC FAN	21-25-01 1	---
S3	---	13	15	ON	---	---	---	R RECIRC FAN	21-25-02 1	---
	M15(YCZ)	BLEED AIR SUPPLY PANEL								
(LT PL)	D1348	1	LP1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	(OPEN)	---	---	---	L ISLN VALVE	36-11-01 1	---
S2	---	13	15	(OPEN)	---	---	---	C ISLN VALVE	36-11-03 1	---
S3	---	13	15	(OPEN)	---	---	---	R ISLN VALVE	36-11-02 1	---
S4	---	13	15	(ON)	---	---	---	L ENG VALVE	36-11-05 1	---
S5	---	13	15	(OPEN)	---	---	---	APU VALVE	36-11-04 1	---
S6	---	13	15	(ON)	---	---	---	R ENG VALVE	36-11-06 1	---
	N122	D3892	1	LP1	2	---	---	DUAL DUCT PRESSURE IND	---	-C
	M17	EQUIPMENT COOLING CONTROL PANEL								
(LT PL)	D1366	1	LS6	2	---	---	---	LIGHT PLATE	---	-A
	M19	CABIN PRESSURE GAUGES PANEL								
(LT PL)	D1776	1	LS1	2	---	---	---	LIGHT PLATE	---	-A
	M29(YDB)	CARGO HEAT CONTROL PANEL								
(LT PL)	D3842	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	FWD CARGO HEAT	21-43-01 1	---
S2	---	13	15	ON	---	---	---	AFT CARGO HEAT	21-44-01 1	---
S3	---	13	15	ON	---	---	---	BULK CARGO HEAT	21-44-02 1	---
	M43	EMERGENCY LIGHTS CONTROL PANEL								
(LT PL)	D838	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
	M49	ENGINE IGNITION AND START CONTROL PANEL								
(LT PL)	D848	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M50	VOICE RECORDER CONTROL PANEL								
(LT PL)	D731	Y	LR3	2	---	---	---	LIGHT PLATE	---	-A
	M51	PILOTS CALL PANEL								
(LT PL)	D735	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
	M52	PASSENGER SIGNS CONTROL PANEL								
(LT PL)	D854	1	LT1	2	---	---	---	LIGHT PLATE	---	-A

PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND PIN	SWITCH CAP INSC	SYSTEM	SCHEM	S H T
		PIN	REF	PT	PIN					
P5	M56(YCT)	ANTI-COLLISION AND LANDING LIGHT CONTROL								
(LT PL)	D856	1	LR1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	POSITION LIGHTS	33-43-01 1	---
S5	---	13	15	ON	---	---	---	WHITE ANTI-COLLISION	33-44-01 1	---
S6	---	13	15	ON	---	---	---	WING LIGHTS	33-41-01 1	---
S7	---	13	15	ON	---	---	---	RED ANTI-COLLISION LTS	33-44-01 1	---
	M59	INERTIAL REFERENCE MODE PANEL								
(LT PL)	D739	1	LP1	2	---	---	---	LIGHT PLATE	---	-A
D741	---	1	LP1	2	---	---	---	(INPUTS COMMONED)	---	---
D743	---	1	LP1	2	---	---	---	---	---	---
	M61	EMERGENCY EVACUATION CONTROL PANEL								
(LT PL)	D636	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M82	L HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D733	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M83	R HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D737	1	LR3	2	---	---	---	LIGHT PLATE	---	-A
	M111(YDG)	ENTERTAINMENT PNL								
(LT PL)	D1655	1	LR1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	VIDEO POWER	23-32-01 1	---
	M1619	FWD CARGO TEMP CONTROL								
(LT PL)	D13534	1	LT2	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	FWD CAR. FAULT	21-61-81 1	---
	M10023	WINDSHIELD WIPER/RAIN REPELLANT CONTROL PANEL								
(LT PL)	D884	1	LR1	2	---	---	---	LIGHT PLATE	---	-A
	M10054	FUEL QUANTITY PANEL								
(LT PL)	D3896	1	LS2	2	---	---	---	LIGHT PLATE	---	-A
	M10055(YCL)	FUEL MANAGEMENT PANEL								
(LT PL)	D1374	1	LS6	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	R PUMP - AFT	28-22-01 2	---
S2	---	13	15	ON	---	---	---	L PUMP - FWD	28-22-01 1	---
S3	---	13	15	ON	---	---	---	C PUMP - RIGHT	28-22-01 3	---
S4	---	13	15	ON	---	---	---	L PUMP - AFT	28-22-01 1	---
S5	---	13	15	ON	---	---	---	R PUMP - FWD	28-22-01 2	---
S6	---	13	15	ON	---	---	---	C PUMP - LEFT	28-22-01 3	---
S7	---	13	15	(OPEN)	---	---	---	FUEL CROSSFEED VALVE	28-22-01 4	---
	M10056(YCW)	LEFT LIGHTING CONTROL PANEL								
(LT PL)	D840	1	LS4	2	---	---	---	LIGHT PLATE	---	-A
S3	---	13	15	ON	---	---	---	LT OVRD	33-11-01 1	---
	M10057(YCX)	RIGHT OVERHEAD LIGHTING CONTROL PANEL								
(LT PL)	D860	1	LS4	2	---	---	---	LIGHT PLATE	---	-A
S4	---	13	15	ON	---	---	---	LOGO	33-45-01 1	---
	M10062(YDI)	STANDBY POWER PANEL								
(LT PL)	D10216	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
S2	---	13	15	ON	---	---	---	BAT	24-33-01 1	---

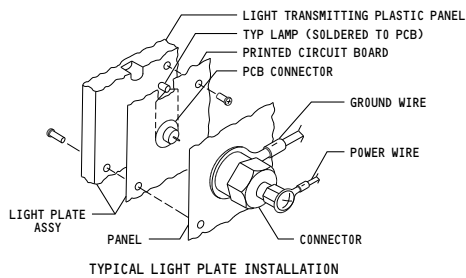
PILOTS OVERHEAD AND RIGHT SIDE PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND PIN	SWITCH CAP INSC	SYSTEM	SCHEM	S H T
		PIN	REF	PT	PIN					
P5	M10063(YDJ)	ELECTRICAL SYSTEMS PANEL								
(LT PL)	D1382	1	LV3	2	---	---	---	LIGHT PLATE	---	-A
S3	---	13	15	ON	---	---	---	L GEN CONT	24-20-01 1	---
S4	---	13	15	ON	---	---	---	R GEN CONT	24-20-02 1	---
S7	---	13	15	ON	---	---	---	L UTILITY BUS	24-51-01 3	---
S8	---	13	15	ON	---	---	---	R UTILITY BUS	24-51-02 3	---
S9	---	13	15	AUTO	---	---	---	L TIE BUS	24-20-01 1	---
S10	---	13	15	AUTO	---	---	---	R TIE BUS	24-20-02 1	---
S11	---	13	15	ON	---	---	---	APU GEN	24-20-03 1	---
	M10078	COMPARTMENT TEMPERATURE PANEL								
(LT PL)	D1358	1	LT2	2	---	---	---	LIGHT PLATE	---	-A
	M10250(YAL)	YAW DAMPER PANEL								
(LT PL)	D723	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	L YAW DAMPER	22-21-01 1	---
S2	---	13	15	ON	---	---	---	R YAW DAMPER	22-21-02 1	---
	M10395(YDM)	WINDOW HEAT CONTROL PANEL								
(LT PL)	D876	1	LT1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	R SIDE WINDOW HEAT	30-41-01 1	---
S2	---	13	15	ON	---	---	---	R FWD WINDOW HEAT	30-41-02 1	---
S3	---	13	15	ON	---	---	---	L FWD WINDOW HEAT	30-41-01 1	---
S4	---	13	15	ON	---	---	---	L SIDE WINDOW HEAT	30-41-02 1	---
	M10397(YDN)	WING AND ENGINE ANTI-ICE CONTROL PANEL								
(LT PL)	D890	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
	M10761(YHW)	EEC CONTROL MODULE								
(LT PL)	D2083	1	LV2	2	---	---	---	LIGHTPLATE	---	-A
S1	---	13	15	ON	---	---	---	L EEC CONT	73-21-01 1	---
S2	---	13	15	ON	---	---	---	R EEC CONT	73-21-01 1	---
	P61	FIRST OBSERVERS AUDIO SELECT PANEL								
(LT PL)	D551	1	LE2	2	---	---	---	LIGHT PLATE	---	-A
	M1129	RIGHT SIDE OBSERVERS LIGHTING CONTROL PANEL								
(LT PL)	D10396	1	LE3	2	---	---	---	LIGHT PLATE	---	-A
	M1254	CONTROL DISPLAY UNIT								
(LT PL)	D1833	F-	LE2	G-	---	---	---	LIGHT PLATE	---	-A





WIRING DIAGRAMS	
33-13-11	
33-13-13	
33-13-16	
33-13-17	
33-13-18	
33-13-19	
33-13-21	

NOTES:  
 1 SWITCH INTERNALS ARE NOT PART OF PANEL LIGHTS AND ARE SHOWN FOR REFERENCE ONLY.

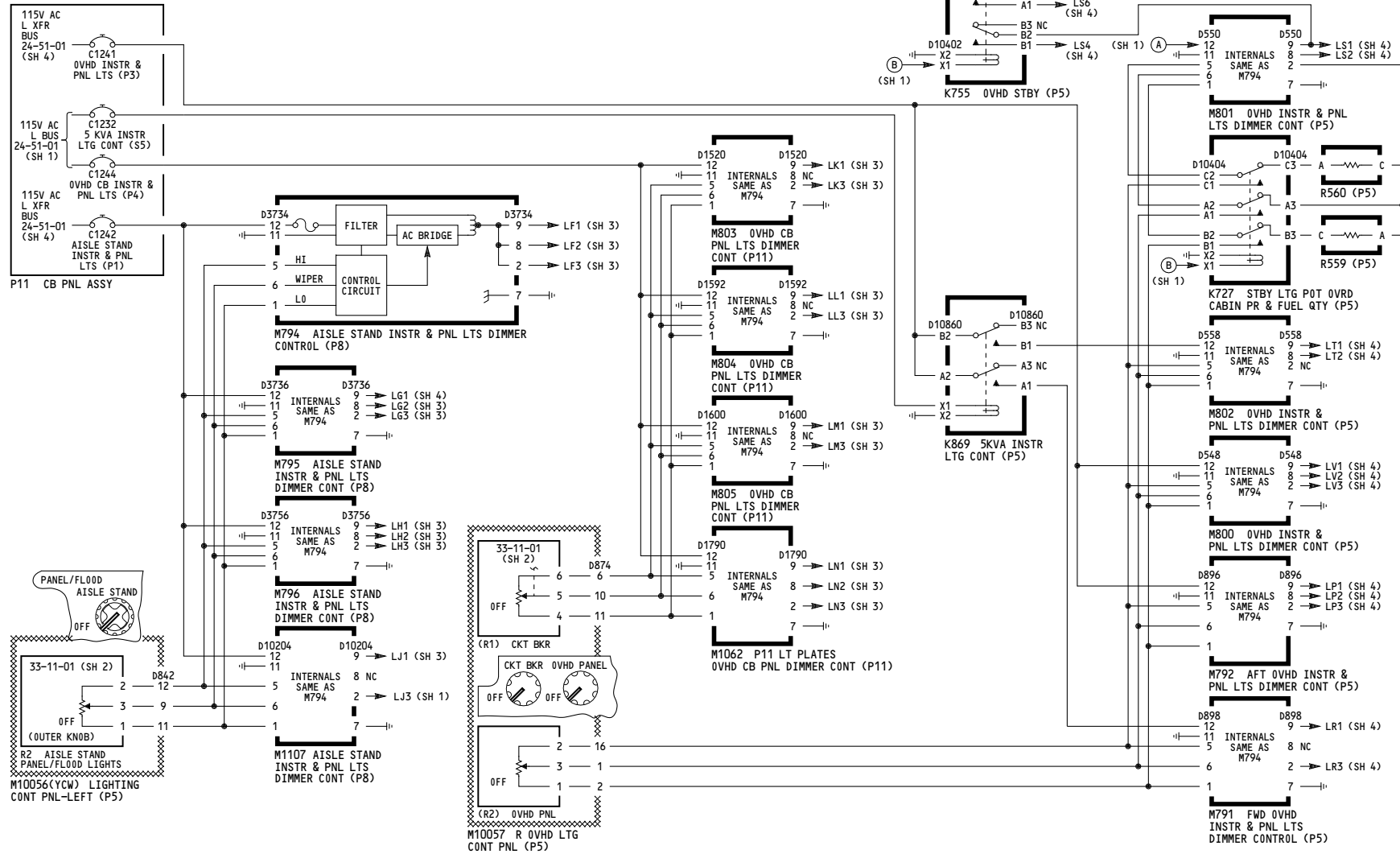


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FORWARD PANEL INSTRUMENT AND PANEL LIGHTS										
PNL	LIGHT/SW/IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H T	C K T
			PIN	REF PT						
—	N99	D642	=A1	LC1	=C1	—	PILOT STBY MAGNETIC COMPASS	—	—	C
P1-1	L481	—	= P	LD2	= G	—	CAPT INSTR SOURCE SEL LT PL	—	—	B
	N1	D101	= P	LD2	= G	—	CAPT MACH AIRSPEED INDICATOR	—	—	B
	N3	D645	= P	LD6	= G	—	L RADIO DIST MAG INDICATOR	—	—	C
	N126	D1819	= P	LD2	= G	—	L METRIC ALT (PROV)	—	—	C
	N128	D1839	= P	LD2	= G	—	L METRIC SEL ALT DISPLAY (PROV)	—	—	C
	S2	—	= P	LD2	= G	ALTN	L FMC INSTR SOURCE SEL SW	34-22-09	1	A
	S3	—	= P	LD2	= G	ALTN	L EFI INSTR SOURCE SEL SW	34-22-09	1	A
	S4	—	= P	LD2	= G	ALTN	L IRS INSTR SOURCE SEL SW	34-22-09	2	A
	S482	—	= P	LD2	= G	ALTN	CAPT ADC INSTR SOURCE SEL SW	34-12-01	1	A
	M9053 CAPTAINS EGPWS SW PNL									
L9009	D9131P	22	LD2	23	—	LIGHT PLATE	33-13-11	2	A	
P1-3	L494	—	= P	LC5	= G	—	AUTO BRAKES LIGHT PLATE	—	—	B
	L609	—	= P	LD1	= G	—	RESERVE BKS & STRG LIGHT PL	—	—	B
	L662	—	= P	LC5	= G	—	CAUTION CANCEL/RCL LIGHT PL	—	—	B
	N2	D10886	= P	LD2	= G	—	CAPTAINS CLOCK	—	—	C
	N8	D111	= P	LD1	= G	—	CAPTAINS ALTIMETER	—	—	C
	N9	D113	= P	LD1	= G	—	L VERTICAL SPEED INDICATOR	—	—	C
	N20	D216	= P	LC1	= G	—	STANDBY ATTITUDE/ILS IND	—	—	C
	N22	D218	= P	LC1	= G	—	STANDBY AIRSPEED INDICATOR	—	—	C
	N23	D220	= P	LC1	= G	—	STANDBY ALTIMETER INDICATOR	—	—	C
	N70	D1363	= P	LD1	= G	ALTN	CAPT AUTOLAND STATUS ANN	—	—	C
	N10016	D10122	= P	LD6	= G	—	STANDBY ENGINE INDICATOR	—	—	C
	S547	—	= P	LD1	= G	0N	RESERVE BKS & STRG SEL SW	29-00-04	1	A
	M9054 F/O EGPWS SW PNL									
	L9010	D9124P	22	LA2	23	—	LIGHT PLATE	33-13-13	1	A
	P3-3	L489	—	= P	LA1	= G	—	F/O INSTR SOURCE SEL LIGHT PL	—	—
N42		D719	= P	LA1	= G	—	F/O CLOCK	—	—	C
N48		D715	= P	LA1	= G	—	F/O ALTIMETER	—	—	C
N49		D717	= P	LA1	= G	—	R VERTICAL SPEED INDICATOR	—	—	C
N127		D1821	= P	LA1	= G	—	R METRIC ALT (PROV)	—	—	C
N129		D1843	= P	LA1	= G	—	R METRIC SEL ALT DISPLAY (PROV)	—	—	C
S10		—	= P	LA1	= G	ALTN	R FMC INSTR SOURCE SEL SW	34-22-09	1	A
S11		—	= P	LA1	= G	ALTN	R EFI INSTR SOURCE SEL SW	34-22-09	1	A
S12		—	= P	LA1	= G	ALTN	R IRS INSTR SOURCE SEL SW	34-22-09	2	A
S483		—	= P	LA1	= G	ALTN	F/O ADC INSTR SOURCE SEL SW	34-12-01	1	A
P7	L482	—	= P	LB7	= G	—	CAPT LIGHTING CONTROL LT PL	—	—	B
	L483	—	= P	LB5	= G	—	F/O LIGHTING CONTROL LT PL	—	—	B
P13	M901 CAPTAINS HEATER CONTROL PANEL									
	(LT PL)	D3780	1	LD2	2	—	LIGHT PLATE	—	—	A
P14	M902 F/O HEATER CONTROL PANEL									
	(LT PL)	D3762	1	LA3	2	—	LIGHT PLATE	—	—	A
P55	M90 AFCS MODE CONTROL PANEL									
	(LT PL)	D479	1	LB6	2	—	LIGHT PLATE	—	—	A
	M91 L VOR CONTROL PANEL									
	(LT PL)	D869	1	LB1	2	—	LIGHT PLATE	—	—	A
	M92 R VOR CONTROL PANEL									
(LT PL)	D871	1	LB5	2	—	LIGHT PLATE	—	—	A	

CONTROL STAND INSTRUMENT AND PANEL LIGHTS										
PNL	LIGHT/SW/IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H T	C K T
			PIN	REF PT						
P8	M70 CAPTAINS AUDIO SELECT PANEL									
	(LT PL)	D257	1	LJ6	2	—	LIGHT PLATE	—	—	A
	M71 FIRST OFFICER AUDIO SELECT PANEL									
	(LT PL)	D259	1	LH1	2	—	LIGHT PLATE	—	—	A
	M74 AILERON RUDDER TRIM CONTROL PANEL									
	(LT PL)	D1830	1	LG2	2	—	LIGHT PLATE	—	—	A
	N83	D1832	1	LG2	2	—	RUDDER TRIM INDICATOR	—	—	C
		M75 WEATHER RADAR CONTROL PANEL								
	(LT PL)	D395	P	LJ1	E	—	LIGHT PLATE	—	—	A
	M78 L VHF COMMUNICATIONS CONTROL PANEL									
	(LT PL)	D407	1	LJ6	2	—	LIGHT PLATE	—	—	A
	M79 R VHF COMMUNICATIONS CONTROL PANEL									
	(LT PL)	D409	1	LH1	2	—	LIGHT PLATE	—	—	A
	M80 CENTER VHF COMMUNICATIONS CONTROL PANEL									
	(LT PL)	D411	1	LG3	2	—	LIGHT PLATE	—	—	A
M81 DUAL AIR TRAFFIC CONTROL PANEL										
(LT PL)	D303	1	LG2	2	—	LIGHT PLATE	—	—	A	
M87 ILS CONTROL PANEL										
(LT PL)	D603	1	LJ6	2	—	LIGHT PLATE	—	—	A	
M939 ACARS PRINTER (PROVISIONS)										
(LT PL)	D637	1	LG2	2	—	LIGHT PLATE	—	—	A	
M1046 DUAL ADF CONTROL PANEL										
(LT PL)	D1629	1	LJ6	2	—	LIGHT PLATE	—	—	A	
M1169 MULT-INPUT PRINTER										
(LT PL)	D1729	M	LG3	E-	—	LIGHT PLATE	—	—	A	
M9048 ACARS VOICE/DATA SELECT										
(LT PL)	D9090	1	LJ1	2	—	LIGHT PLATE	—	—	A	
M10444(YD0) APU/CARGO FIRE CONTROL PANEL										
(LT PL)	D864	1	LH2	2	—	LIGHT PLATE	—	—	A	
S1	—	13	15	ARMED	—	FWD CARGO FIRE SWITCH	26-23-01	1	B	
S2	—	13	15	ARMED	—	AFT CARGO FIRE SWITCH	26-23-01	1	B	
M10445 FIRE/OVERHEAT TEST PANEL										
(LT PL)	D10104	1	LJ1	2	—	LIGHT PLATE	—	—	A	
P9	M76 L FMC CONTROL DISPLAY UNIT									
	(LT PL)	D465	28	LF2	29	—	LIGHT PLATE	—	—	A
	M77 R FMC CONTROL DISPLAY UNIT									
	(LT PL)	D467	28	LH2	29	—	LIGHT PLATE	—	—	A
	M10195 EICAS DISPLAY SELECT PANEL									
(LT PL)	D209	40	LF1	41	—	LIGHT PLATE	—	—	A	

INSTRUMENT AND PANEL LIGHTS										
PNL	LIGHT/SW/IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H T	C K T
			PIN	REF PT						
P10	L496	—	= P	LG3	= G	—	STAB. TRIM C/O CONT LT PL	—	—	B
	L576	—	= P	LF3	= G	—	FLAP SETTING LT PL	—	—	B
	L577	—	= P	LF3	= G	—	SPEED BRAKE LT PL	—	—	B
	L604	—	= P	LG3	= G	—	FUEL CONTROL LT PL	—	—	B
	M68	D2236	= P	LF3	= G	—	CAPT STAB. POSITION IND	—	—	B
M69	D2238	= P	LH3	= G	—	F/O STAB. POSITION IND	—	—	B	
M93 RIGHT EFIS CONTROL PANEL										
(LT PL)	D471	1	LH3	2	—	LIGHT PLATE	—	—	A	
M94 LEFT EFIS CONTROL PANEL										
(LT PL)	D469	1	LF3	2	—	LIGHT PLATE	—	—	A	
P11-3	L499	—	= P	LM1	= G	—	ROW 1 L LIGHT PLATE	—	—	B
	L500	—	= P	LM1	= G	—	ROW 2 L LIGHT PLATE	—	—	B
	L501	—	= P	LM1	= G	—	ROW 3 L LIGHT PLATE	—	—	B
	L502	—	= P	LM1	= G	—	ROW 4 L LIGHT PLATE	—	—	B
	L503	—	= P	LM1	= G	—	ROW 5 L LIGHT PLATE	—	—	B
L504	—	= P	LM1	= G	—	ROW 6 L LIGHT PLATE	—	—	B	
L505	—	= P	LM1	= G	—	ROW 7 L LIGHT PLATE	—	—	B	
P11-2	L506	—	= P	LL1	= G	—	ROW 8 L LIGHT PLATE	—	—	B
	L507	—	= P	LL1	= G	—	ROW 9 L LIGHT PLATE	—	—	B
	L508	—	= P	LL1	= G	—	ROW 10 L LIGHT PLATE	—	—	B
	L509	—	= P	LL1	= G	—	ROW 11 L LIGHT PLATE	—	—	B
	L510	—	= P	LL1	= G	—	ROW 12 L LIGHT PLATE	—	—	B
L511	—	= P	LN2	= G	—	ROW 13 L LIGHT PLATE	—	—	B	
L512	—	= P	LN2	= G	—	ROW 14 L LIGHT PLATE	—	—	B	
P11-1	L513	—	= P	LK1	= G	—	ROW 15 L LIGHT PLATE	—	—	B
	L514	—	= P	LK1	= G	—	ROW 16 L LIGHT PLATE	—	—	B
	L515	—	= P	LK1	= G	—	ROW 17 L LIGHT PLATE	—	—	B
	L516	—	= P	LK1	= G	—	ROW 18 L LIGHT PLATE	—	—	B
	L517	—	= P	LK1	= G	—	ROW 19 L LIGHT PLATE	—	—	B
L518	—	= P	LN3	= G	—	ROW 20 L LIGHT PLATE	—	—	B	
L519	—	= P	LN3	= G	—	ROW 21 L LIGHT PLATE	—	—	B	
P11-6	L520	—	= P	LM3	= G	—	ROW 1 R LIGHT PLATE	—	—	B
	L521	—	= P	LM3	= G	—	ROW 2 R LIGHT PLATE	—	—	B
	L522	—	= P	LM3	= G	—	ROW 3 R LIGHT PLATE	—	—	B
	L523	—	= P	LM3	= G	—	ROW 4 R LIGHT PLATE	—	—	B
	L524	—	= P	LM3	= G	—	ROW 5 R LIGHT PLATE	—	—	B
L525	—	= P	LN1	= G	—	ROW 6 R LIGHT PLATE	—	—	B	
L526	—	= P	LN1	= G	—	ROW 7 R LIGHT PLATE	—	—	B	
P11-5	L527	—	= P	LL3	= G	—	ROW 8 R LIGHT PLATE	—	—	B
	L528	—	= P	LL3	= G	—	ROW 9 R LIGHT PLATE	—	—	B
	L529	—	= P	LL3	= G	—	ROW 10 R LIGHT PLATE	—	—	B
	L530	—	= P	LL3	= G	—	ROW 11 R LIGHT PLATE	—	—	B
	L531	—	= P	LL3	= G	—	ROW 12 R LIGHT PLATE	—	—	B
L532	—	= P	LN2	= G	—	ROW 13 R LIGHT PLATE	—	—	B	
L533	—	= P	LN2	= G	—	ROW 14 R LIGHT PLATE	—	—	B	
P11-4	L534	—	= P	LK3	= G	—	ROW 15 R LIGHT PLATE	—	—	B
	L535	—	= P	LK3	= G	—	ROW 16 R LIGHT PLATE	—	—	B
	L536	—	= P	LK3	= G	—	ROW 17 R LIGHT PLATE	—	—	B
	L537	—	= P	LK3	= G	—	ROW 18 R LIGHT PLATE	—	—	B
	L538	—	= P	LK3	= G	—	ROW 19 R LIGHT PLATE	—	—	B
L539	—	= P	LN3	= G	—	ROW 20 R LIGHT PLATE	—	—	B	
L540	—	= P	LN3	= G	—	ROW 21 R LIGHT PLATE	—	—	B	

**INSTRUMENT AND PANEL LIGHTS**

- ▶ Incorporates
- ▶ MTO-230607
- ▶ MTO-340961

D280T232

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PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H T
		PIN	REF	PT	PIN					
P5	M1	APU CONTROL PANEL								
(LT PL)	D1394	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
	M10(YC)	HYDRAULICS SYSTEMS CONTROL PANEL								
(LT PL)	D1312	1	LV1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	L ENG PRIMARY PUMP	29-00-02 1	---
S2	---	13	15	ON	---	---	---	C ELEC 1 PRIMARY PUMP	29-00-04 1	---
S3	---	13	15	ON	---	---	---	C ELEC 2 PRIMARY PUMP	29-00-04 3	---
S4	---	13	15	ON	---	---	---	R ENG PRIMARY PUMP	29-00-03 1	---
	M13	CABIN PRESSURE SELECT PANEL								
(LT PL)	D1324	1	LS1	2	---	---	---	LIGHT PLATE	---	-A
N1	---	1	2	---	---	---	---	VALVE POSITION IND	---	---
N2	---	1	2	---	---	---	---	LDG ALTITUDE	---	---
	M14(YBF)	TEMPERATURE CONTROL PANEL								
(LT PL)	D1302	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
N1	---	1	2	---	---	---	---	TEMP CONT VALVE POS	---	---
S1	---	13	15	ON	---	---	---	TRIM AIR	21-60-01 1	---
S2	---	13	15	ON	---	---	---	L RECIRC FAN	21-25-01 1	---
S3	---	13	15	ON	---	---	---	R RECIRC FAN	21-25-02 1	---
	M15(YC2)	BLEED AIR SUPPLY PANEL								
(LT PL)	D1348	1	LP1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	(OPEN)	---	---	---	L ISLN VALVE	36-11-01 1	---
S2	---	13	15	(OPEN)	---	---	---	C ISLN VALVE	36-11-03 1	---
S3	---	13	15	(OPEN)	---	---	---	R ISLN VALVE	36-11-02 1	---
S4	---	13	15	(ON)	---	---	---	L ENG VALVE	36-11-05 1	---
S5	---	13	15	(OPEN)	---	---	---	APU VALVE	36-11-04 1	---
S6	---	13	15	(ON)	---	---	---	R ENG VALVE	36-11-06 2	---
	N122	D3892	1	LP1	2	---	---	DUAL DUCT PRESSURE IND	---	-C
	M17	EQUIPMENT COOLING CONTROL PANEL								
(LT PL)	D1366	1	LS6	2	---	---	---	LIGHT PLATE	---	-A
	M19	CABIN PRESSURE GAUGES PANEL								
(LT PL)	D1776	1	LS1	2	---	---	---	LIGHT PLATE	---	-A
	M29(YDB)	CARGO HEAT CONTROL PANEL								
(LT PL)	D3842	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	FWD CARGO HEAT	21-43-01 1	---
S2	---	13	15	ON	---	---	---	AFT CARGO HEAT	21-44-01 1	---
S3	---	13	15	ON	---	---	---	BULK CARGO HEAT	21-44-02 1	---
	M43	EMERGENCY LIGHTS CONTROL PANEL								
(LT PL)	D838	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
	M49	ENGINE IGNITION AND START CONTROL PANEL								
(LT PL)	D848	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M50	VOICE RECORDER CONTROL PANEL								
(LT PL)	D731	Y	LR3	2	---	---	---	LIGHT PLATE	---	-A
	M51	PILOTS CALL PANEL								
(LT PL)	D735	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
	M52	PASSENGER SIGNS CONTROL PANEL								
(LT PL)	D854	1	LT1	2	---	---	---	LIGHT PLATE	---	-A

PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H T
		PIN	REF	PT	PIN					
P5	M56(YCT)	ANTI-COLLISION AND LANDING LIGHT CONTROL								
(LT PL)	D856	1	LR1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	POSITION LIGHTS	33-43-01 1	---
S5	---	13	15	ON	---	---	---	WHITE ANTI-COLLISION	33-44-01 1	---
S6	---	13	15	ON	---	---	---	WING LIGHTS	33-41-01 1	---
S7	---	13	15	ON	---	---	---	RED ANTI-COLLISION LTS	33-44-01 1	---
	M59	INERTIAL REFERENCE MODE PANEL								
(LT PL)	D739	1	LP1	2	---	---	---	LIGHT PLATE	---	-A
D741	---	1	LP1	2	---	---	---	(INPUTS COMMONED)	---	---
D743	---	1	LP1	2	---	---	---	---	---	---
	M61	EMERGENCY EVACUATION CONTROL PANEL								
(LT PL)	D636	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M82	L HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D733	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M83	R HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D737	1	LR3	2	---	---	---	LIGHT PLATE	---	-A
	M1111(YDG)	ENTERTAINMENT PNL								
(LT PL)	D1655	1	LR1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	VIDEO POWER	23-32-01 1	---
	M1619	FWD CARGO TEMP CONTROL								
(LT PL)	D13534	1	LT2	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	FWD CAR. FAULT	21-61-81 1	---
	M1798	HF/SAT AUDIO XFER AND SAT/CALL RST PNL								
(LT PL)	D2695	1	LP2	2	---	---	---	LIGHT PLATE	23-25-02 1	-A
	M10023	WINDSHIELD WIPER/RAIN REPELLANT CONTROL PANEL								
(LT PL)	D884	1	LR1	2	---	---	---	LIGHT PLATE	---	-A
	M10054	FUEL QUANTITY PANEL								
(LT PL)	D3896	1	LS2	2	---	---	---	LIGHT PLATE	---	-A
	M10055(YCL)	FUEL MANAGEMENT PANEL								
(LT PL)	D1374	1	LS6	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	R PUMP - AFT	28-22-01 2	---
S2	---	13	15	ON	---	---	---	L PUMP - FWD	28-22-01 1	---
S3	---	13	15	ON	---	---	---	C PUMP - RIGHT	28-22-01 3	---
S4	---	13	15	ON	---	---	---	L PUMP - AFT	28-22-01 1	---
S5	---	13	15	ON	---	---	---	R PUMP - FWD	28-22-01 2	---
S6	---	13	15	ON	---	---	---	C PUMP - LEFT	28-22-01 3	---
S7	---	13	15	(OPEN)	---	---	---	FUEL CROSSFEED VALVE	28-22-01 4	---
	M10056(YCW)	LEFT LIGHTING CONTROL PANEL								
(LT PL)	D840	1	LS4	2	---	---	---	LIGHT PLATE	---	-A
S3	---	13	15	ON	---	---	---	LT OVRD	33-11-01 1	---
	M10057(YCX)	RIGHT OVERHEAD LIGHTING CONTROL PANEL								
(LT PL)	D860	1	LS4	2	---	---	---	LIGHT PLATE	---	-A
S4	---	13	15	---	---	---	---	LOGO LT	33-45-01 1	---
	M10062(YDI)	STANDBY POWER PANEL								
(LT PL)	D10216	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
S2	---	13	15	ON	---	---	---	BAT	24-33-01 1	---

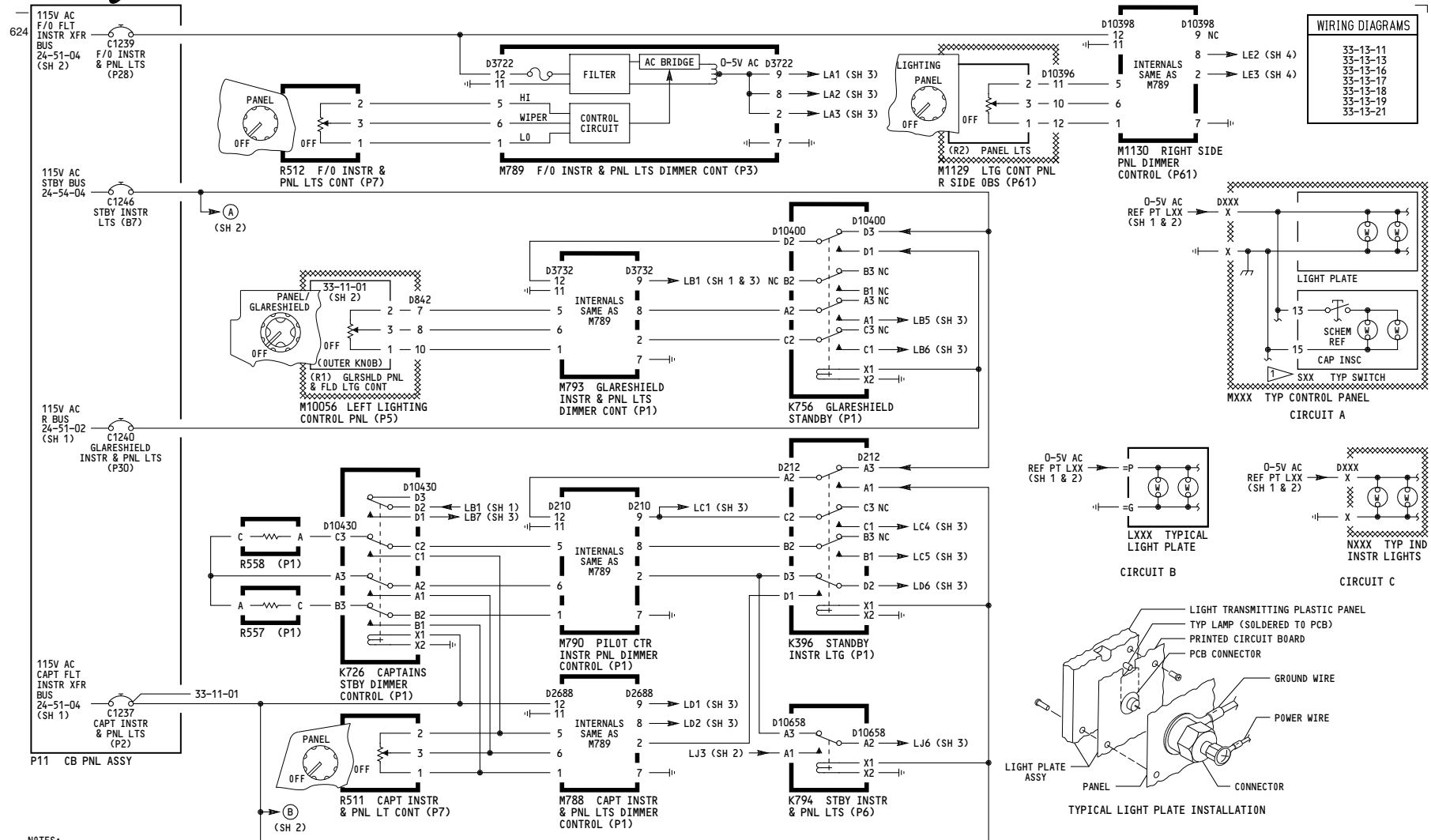
PILOTS OVERHEAD AND RIGHT SIDE PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H T
		PIN	REF	PT	PIN					
P5	M10063(YDJ)	ELECTRICAL SYSTEMS PANEL								
(LT PL)	D1382	1	LV3	2	---	---	---	LIGHT PLATE	---	-A
S3	---	13	15	ON	---	---	---	L GEN CONT	24-20-01 1	---
S4	---	13	15	ON	---	---	---	R GEN CONT	24-20-02 1	---
S7	---	13	15	ON	---	---	---	L UTILITY BUS	24-51-01 3	---
S8	---	13	15	ON	---	---	---	R UTILITY BUS	24-51-02 3	---
S9	---	13	15	AUTO	---	---	---	L TIE BUS	24-20-01 1	---
S10	---	13	15	AUTO	---	---	---	R TIE BUS	24-20-02 1	---
S11	---	13	15	ON	---	---	---	APU GEN	24-20-03 1	---
	M10078	COMPARTMENT TEMPERATURE PANEL								
(LT PL)	D1358	1	LT2	2	---	---	---	LIGHT PLATE	---	-A
	M10250(YAL)	YAW DAMPER PANEL								
(LT PL)	D723	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	L YAW DAMPER	22-21-01 1	---
S2	---	13	15	ON	---	---	---	R YAW DAMPER	22-21-02 1	---
	M10395(YDM)	WINDOW HEAT CONTROL PANEL								
(LT PL)	D876	1	LT1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	R SIDE WINDOW HEAT	30-41-01 1	---
S2	---	13	15	ON	---	---	---	R FWD WINDOW HEAT	30-41-02 1	---
S3	---	13	15	ON	---	---	---	L FWD WINDOW HEAT	30-41-01 1	---
S4	---	13	15	ON	---	---	---	L SIDE WINDOW HEAT	30-41-02 1	---
	M10397(YDN)	WING AND ENGINE ANTI-ICE CONTROL PANEL								
(LT PL)	D890	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	L ENG ANTI-ICE VALVE	30-21-01 1	---
S2	---	13	15	ON	---	---	---	R ENG ANTI-ICE VALVE	30-21-01 1	---
S3	---	13	15	ON	---	---	---	WING ANTI-ICE VALVE	30-11-01 1	---
	M10761(YHW)	EEC CONTROL MODULE								
(LT PL)	D2083	1	LV2	2	---	---	---	LIGHTPLATE	---	-A
S1	---	13	15	ON	---	---	---	L EEC CONT	73-21-01 1	---
S2	---	13	15	ON	---	---	---	R EEC CONT	73-21-01 1	---
	P61	M98 FIRST OBSERVERS AUDIO SELECT PANEL								
(LT PL)	D551	1	LE2	2	---	---	---	LIGHT PLATE	---	-A
	M1129	RIGHT SIDE OBSERVERS LIGHTING CONTROL PANEL								
(LT PL)	D10396	1	LE3	2	---	---	---	LIGHT PLATE	---	-A
	M1254	CONTROL DISPLAY UNIT								
(LT PL)	D1833	F-	LE2	G-	---	---	---	LIGHT PLATE	---	-A

### INSTRUMENT AND PANEL LIGHTS

- ▶ Incorporates
- ▶ 25-0332 R02
- ▶ 30-0017
- ▶ MTO 230593

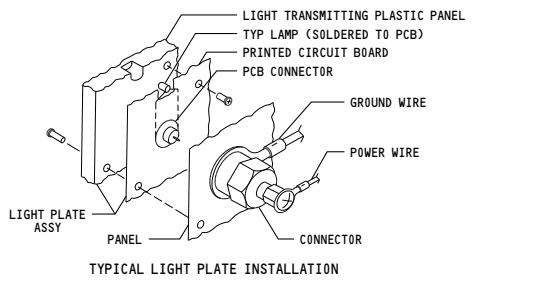
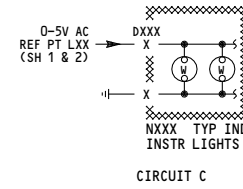
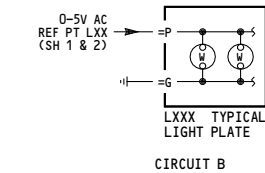
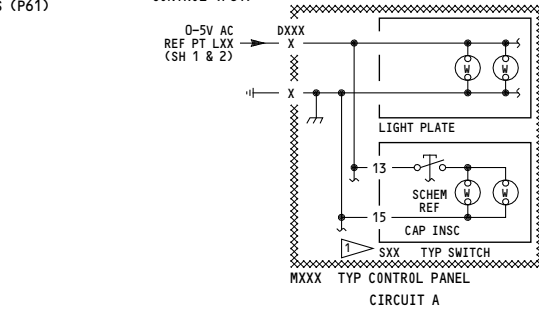
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**33-13-01**



WIRING DIAGRAMS	
33-13-11	
33-13-13	
33-13-16	
33-13-17	
33-13-18	
33-13-19	
33-13-21	

NOTES:  
 1 SWITCH INTERNALS ARE NOT PART OF PANEL LIGHTS AND ARE SHOWN FOR REFERENCE ONLY.

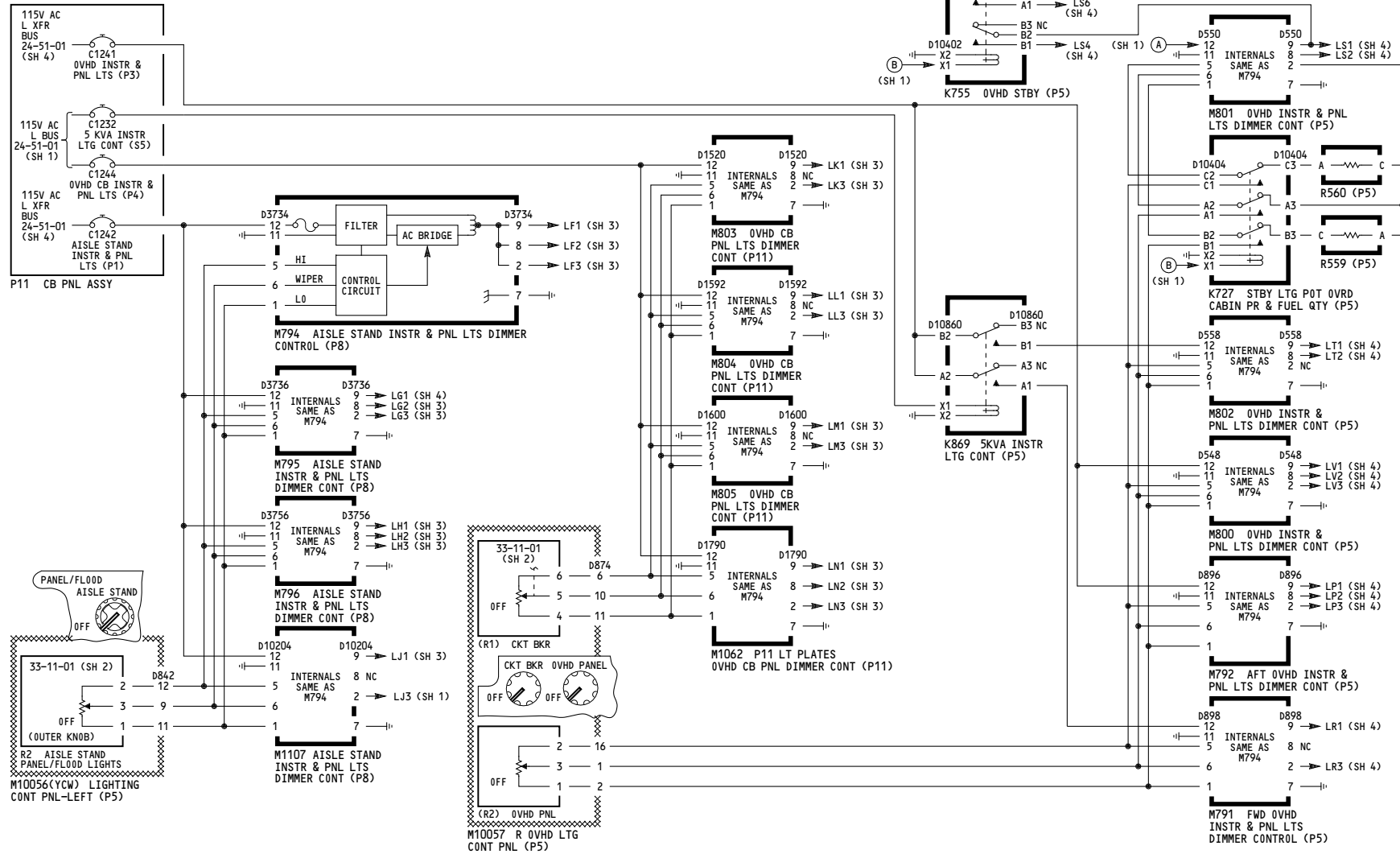


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**INSTRUMENT AND PANEL LIGHTS**

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PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H T
			PIN	REF PT					
			PIN	REF PT					
—	N99	D642	=A1	LC1	=C1	—	PILOT STBY MAGNETIC COMPASS	—	C
P1-1	L481 N1 N3 N126 N128 S2 S3 S4 S482	D101 D645 D1819 D1839	= P = P = P = P = P = P = P = P	LD2 LD2 LD2 LD2 LD2 LD2 LD2 LD2	= G = G = G = G = G = G = G = G	— — — — — — — —	CAPT INSTR SOURCE SEL LT PL CAPT MACH AIRSPEED INDICATOR L RADIO DIST MAG INDICATOR L METRIC ALT (PROV) L METRIC SEL ALT DISPLAY (PROV) L FMC INSTR SOURCE SEL SW L EFI INSTR SOURCE SEL SW L IRS INSTR SOURCE SEL SW CAPT ADC INSTR SOURCE SEL SW	— — — — — 34-22-09 34-22-09 34-22-09 34-12-01	B C C C C A A A A
M9053 CAPTAINS EGWS SW PNL									
—	L9009	D9131P	22	LD2	23	—	LIGHT PLATE	33-13-11	2 A
P1-3	L494 L609 L662 N2 N8 N9 N20 N22 N23 N70 N10016 S547	D10886 D111 D113 D216 D218 D220 D1363 D10122 S547	= P = P = P = P = P = P = P = P = P = P = P	LC5 LD1 LC5 LD1 LD1 LD1 LC1 LC1 LD1 LD6 LD1	= G = G = G = G = G = G = G = G = G = G = G	— — — — — — — — — — —	AUTO BRAKES LIGHT PLATE RESERVE BKS & STRG LIGHT PL CAUTION CANCEL/RCL LIGHT PL CAPTAINS CLOCK CAPTAINS ALTIMETER L VERTICAL SPEED INDICATOR STANDBY ATTITUDE/ILS IND STANDBY AIRSPEED INDICATOR STANDBY ALTIMETER INDICATOR CAPT AUTOLAND STATUS ANN STANDBY ENGINE INDICATOR RESERVE BKS & STRG SEL SW	— — — — — — — — — — —	B B B C C C C C C C A
M9054 F/O EGWS SW PNL									
—	L9010	D9124P	22	LA2	23	—	LIGHT PLATE	33-13-13	1 A
P3-3	L489 N42 N48 N49 N127 N129 S10 S11 S12 S483	D719 D715 D717 D1821 D1843	= P = P = P = P = P = P = P = P = P = P	LA1 LA1 LA1 LA1 LA1 LA1 LA1 LA1 LA1 LA1	= G = G = G = G = G = G = G = G = G = G	— — — — — — — — — —	F/O INSTR SOURCE SEL LIGHT PL F/O CLOCK F/O ALTIMETER R VERTICAL SPEED INDICATOR R METRIC ALT (PROV) R METRIC SEL ALT DISPLAY (PROV) R FMC INSTR SOURCE SEL SW R EFI INSTR SOURCE SEL SW R IRS INSTR SOURCE SEL SW F/O ADC INSTR SOURCE SEL SW	— — — — — — 34-22-09 34-22-09 34-22-09 34-12-01	B C C C C C A A A A
P7	L482 L483	—	= P = P	LB7 LB5	= G = G	—	CAPT LIGHTING CONTROL LT PL F/O LIGHTING CONTROL LT PL	—	B B
P13	M901 CAPTAINS HEATER CONTROL PANEL								
(LT PL)	D3780	1	LD2	2	—	—	LIGHT PLATE	—	A
P14	M902 F/O HEATER CONTROL PANEL								
(LT PL)	D3762	1	LA3	2	—	—	LIGHT PLATE	—	A
P55	M90 AFCS MODE CONTROL PANEL								
(LT PL)	D479	1	LB6	2	—	—	LIGHT PLATE	—	A
M91 L VOR CONTROL PANEL									
(LT PL)	D869	1	LB1	2	—	—	LIGHT PLATE	—	A
M92 R VOR CONTROL PANEL									
(LT PL)	D871	1	LB5	2	—	—	LIGHT PLATE	—	A

PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H T
			PIN	REF PT					
			PIN	REF PT					
P8	M70 CAPTAINS AUDIO SELECT PANEL								
(LT PL)	D257	1	LJ6	2	—	—	LIGHT PLATE	—	A
M71 FIRST OFFICER AUDIO SELECT PANEL									
(LT PL)	D259	1	LH1	2	—	—	LIGHT PLATE	—	A
M74 AILERON RUDDER TRIM CONTROL PANEL									
(LT PL)	D1830	1	LG2	2	—	—	LIGHT PLATE	—	A
N83 D1832 1 LG2 2 — RUDDER TRIM INDICATOR									
M75 WEATHER RADAR CONTROL PANEL									
(LT PL)	D395	P	LJ1	E	—	—	LIGHT PLATE	—	A
M78 L VHF COMMUNICATIONS CONTROL PANEL									
(LT PL)	D407	1	LJ6	2	—	—	LIGHT PLATE	—	A
M79 R VHF COMMUNICATIONS CONTROL PANEL									
(LT PL)	D409	1	LH1	2	—	—	LIGHT PLATE	—	A
M80 CENTER VHF COMMUNICATIONS CONTROL PANEL									
(LT PL)	D411	1	LG3	2	—	—	LIGHT PLATE	—	A
M81 DUAL AIR TRAFFIC CONTROL PANEL									
(LT PL)	D303	1	LG2	2	—	—	LIGHT PLATE	—	A
M87 ILS CONTROL PANEL									
(LT PL)	D603	1	LJ6	2	—	—	LIGHT PLATE	—	A
M939 ACARS PRINTER (PROVISIONS)									
(LT PL)	D637	1	LG2	2	—	—	LIGHT PLATE	—	A
M1046 DUAL ADF CONTROL PANEL									
(LT PL)	D1629	1	LJ6	2	—	—	LIGHT PLATE	—	A
M1169 MULT-INPUT PRINTER									
(LT PL)	D1729	M	LG3	E-	—	—	LIGHT PLATE	—	A
M9048 ACARS VOICE/DATA SELECT									
(LT PL)	D9090	1	LJ1	2	—	—	LIGHT PLATE	—	A
M10444(YD0) APU/CARGO FIRE CONTROL PANEL									
(LT PL)	D864	1	LH2	2	—	—	LIGHT PLATE	—	A
S1	—	13	15	ARMED	—	—	FWD CARGO FIRE SWITCH	26-23-01	1
S2	—	13	15	ARMED	—	—	AFT CARGO FIRE SWITCH	26-23-01	1
M10445 FIRE/OVERHEAT TEST PANEL									
(LT PL)	D10104	1	LJ1	2	—	—	LIGHT PLATE	—	A
P9	M76 L FMC CONTROL DISPLAY UNIT								
(LT PL)	D465	28	LF2	29	—	—	LIGHT PLATE	—	A
M77 R FMC CONTROL DISPLAY UNIT									
(LT PL)	D467	28	LH2	29	—	—	LIGHT PLATE	—	A
M10195 EICAS DISPLAY SELECT PANEL									
(LT PL)	D209	40	LF1	41	—	—	LIGHT PLATE	—	A

PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H T
			PIN	REF PT					
			PIN	REF PT					
P10	L496 L576 L577 L604 N68 N69	—	= P = P = P = P = P = P	LG3 LF3 LF3 LF3 LF3 LF3	= G = G = G = G = G = G	— — — — — —	STAB. TRIM C/O CONT LT PL FLAP SETTING LT PL SPEED BRAKE LT PL FUEL CONTROL LT PL CAPT STAB. POSITION IND F/O STAB. POSITION IND	— — — — — —	B B B B B C
M93 RIGHT EFIS CONTROL PANEL									
(LT PL)	D471	1	LH3	2	—	—	LIGHT PLATE	—	A
M94 LEFT EFIS CONTROL PANEL									
(LT PL)	D469	1	LF3	2	—	—	LIGHT PLATE	—	A
P11-3	L499 L500 L501 L502 L503 L504 L505	—	= P = P = P = P = P = P	LM1 LM1 LM1 LM1 LM1 LM1	= G = G = G = G = G = G	— — — — — —	ROW 1 L LIGHT PLATE ROW 2 L LIGHT PLATE ROW 3 L LIGHT PLATE ROW 4 L LIGHT PLATE ROW 5 L LIGHT PLATE ROW 6 L LIGHT PLATE ROW 7 L LIGHT PLATE	— — — — — — —	B B B B B B B
P11-2	L506 L507 L508 L509 L510 L511 L512	—	= P = P = P = P = P = P	LL1 LL1 LL1 LL1 LL1 LN2 LN2	= G = G = G = G = G = G = G	— — — — — — —	ROW 8 L LIGHT PLATE ROW 9 L LIGHT PLATE ROW 10 L LIGHT PLATE ROW 11 L LIGHT PLATE ROW 12 L LIGHT PLATE ROW 13 L LIGHT PLATE ROW 14 L LIGHT PLATE	— — — — — — —	B B B B B B B
P11-1	L513 L514 L515 L516 L517 L518 L519	—	= P = P = P = P = P = P	LK1 LK1 LK1 LK1 LK1 LN3 LN3	= G = G = G = G = G = G = G	— — — — — — —	ROW 15 L LIGHT PLATE ROW 16 L LIGHT PLATE ROW 17 L LIGHT PLATE ROW 18 L LIGHT PLATE ROW 19 L LIGHT PLATE ROW 20 L LIGHT PLATE ROW 21 L LIGHT PLATE	— — — — — — —	B B B B B B B
P11-6	L520 L521 L522 L523 L524 L525 L526	—	= P = P = P = P = P = P	LM3 LM3 LM3 LM3 LM3 LN1 LN1	= G = G = G = G = G = G = G	— — — — — — —	ROW 1 R LIGHT PLATE ROW 2 R LIGHT PLATE ROW 3 R LIGHT PLATE ROW 4 R LIGHT PLATE ROW 5 R LIGHT PLATE ROW 6 R LIGHT PLATE ROW 7 R LIGHT PLATE	— — — — — — —	B B B B B B B
P11-5	L527 L528 L529 L530 L531 L532 L533	—	= P = P = P = P = P = P	LL3 LL3 LL3 LL3 LN2 LN2 LN2	= G = G = G = G = G = G = G	— — — — — — —	ROW 8 R LIGHT PLATE ROW 9 R LIGHT PLATE ROW 10 R LIGHT PLATE ROW 11 R LIGHT PLATE ROW 12 R LIGHT PLATE ROW 13 R LIGHT PLATE ROW 14 R LIGHT PLATE	— — — — — — —	B B B B B B B
P11-4	L534 L535 L536 L537 L538 L539 L540	—	= P = P = P = P = P = P	LK3 LK3 LK3 LK3 LN3 LN3 LN3	= G = G = G = G = G = G = G	— — — — — — —	ROW 15 R LIGHT PLATE ROW 16 R LIGHT PLATE ROW 17 R LIGHT PLATE ROW 18 R LIGHT PLATE ROW 19 R LIGHT PLATE ROW 20 R LIGHT PLATE ROW 21 R LIGHT PLATE	— — — — — — —	B B B B B B B

**INSTRUMENT AND PANEL LIGHTS**

 Incorporates  
 ▶ MTO-230607  
 ▶ MTO-340961

D280T232

PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H T
		PIN	REF	PT	PIN					
P5	M1	APU CONTROL PANEL								
(LT PL)	D1394	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
	M10(YC)	HYDRAULICS SYSTEMS CONTROL PANEL								
(LT PL)	D1312	1	LV1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	L ENG PRIMARY PUMP	29-00-02 1	---
S2	---	13	15	ON	---	---	---	C ELEC 1 PRIMARY PUMP	29-00-04 1	---
S3	---	13	15	ON	---	---	---	C ELEC 2 PRIMARY PUMP	29-00-04 3	---
S4	---	13	15	ON	---	---	---	R ENG PRIMARY PUMP	29-00-03 1	---
	M13	CABIN PRESSURE SELECT PANEL								
(LT PL)	D1324	1	LS1	2	---	---	---	LIGHT PLATE	---	-A
N1	---	1	2	---	---	---	---	VALVE POSITION IND	---	---
N2	---	1	2	---	---	---	---	LDG ALTITUDE	---	---
	M14(YBF)	TEMPERATURE CONTROL PANEL								
(LT PL)	D1302	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
N1	---	1	2	---	---	---	---	TEMP CONT VALVE POS	---	---
S1	---	13	15	ON	---	---	---	TRIM AIR	21-60-01 1	---
S2	---	13	15	ON	---	---	---	L RECIRC FAN	21-25-01 1	---
S3	---	13	15	ON	---	---	---	R RECIRC FAN	21-25-02 1	---
	M15(YC2)	BLEED AIR SUPPLY PANEL								
(LT PL)	D1348	1	LP1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	(OPEN)	---	---	---	L ISLN VALVE	36-11-01 1	---
S2	---	13	15	(OPEN)	---	---	---	C ISLN VALVE	36-11-03 1	---
S3	---	13	15	(OPEN)	---	---	---	R ISLN VALVE	36-11-02 1	---
S4	---	13	15	(ON)	---	---	---	L ENG VALVE	36-11-05 1	---
S5	---	13	15	(OPEN)	---	---	---	APU VALVE	36-11-04 1	---
S6	---	13	15	(ON)	---	---	---	R ENG VALVE	36-11-06 2	---
	N122	D3892	1	LP1	2	---	---	DUAL DUCT PRESSURE IND	---	-C
	M17	EQUIPMENT COOLING CONTROL PANEL								
(LT PL)	D1366	1	LS6	2	---	---	---	LIGHT PLATE	---	-A
	M19	CABIN PRESSURE GAUGES PANEL								
(LT PL)	D1776	1	LS1	2	---	---	---	LIGHT PLATE	---	-A
	M29(YDB)	CARGO HEAT CONTROL PANEL								
(LT PL)	D3842	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	FWD CARGO HEAT	21-43-01 1	---
S2	---	13	15	ON	---	---	---	AFT CARGO HEAT	21-44-01 1	---
S3	---	13	15	ON	---	---	---	BULK CARGO HEAT	21-44-02 1	---
	M43	EMERGENCY LIGHTS CONTROL PANEL								
(LT PL)	D838	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
	M49	ENGINE IGNITION AND START CONTROL PANEL								
(LT PL)	D848	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M50	VOICE RECORDER CONTROL PANEL								
(LT PL)	D731	Y	LR3	2	---	---	---	LIGHT PLATE	---	-A
	M51	PILOTS CALL PANEL								
(LT PL)	D735	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
	M52	PASSENGER SIGNS CONTROL PANEL								
(LT PL)	D854	1	LT1	2	---	---	---	LIGHT PLATE	---	-A

PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H T
		PIN	REF	PT	PIN					
P5	M56(YCT)	ANTI-COLLISION AND LANDING LIGHT CONTROL								
(LT PL)	D856	1	LR1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	POSITION LIGHTS	33-43-01 1	---
S5	---	13	15	ON	---	---	---	WHITE ANTI-COLLISION	33-44-01 1	---
S6	---	13	15	ON	---	---	---	WING LIGHTS	33-41-01 1	---
S7	---	13	15	ON	---	---	---	RED ANTI-COLLISION LTS	33-44-01 1	---
	M59	INERTIAL REFERENCE MODE PANEL								
(LT PL)	D739	1	LP1	2	---	---	---	LIGHT PLATE	---	-A
D741	---	1	LP1	2	---	---	---	(INPUTS COMMONED)	---	---
D743	---	1	LP1	2	---	---	---	---	---	---
	M61	EMERGENCY EVACUATION CONTROL PANEL								
(LT PL)	D636	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M82	L HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D733	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M83	R HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D737	1	LR3	2	---	---	---	LIGHT PLATE	---	-A
	M111(YDG)	ENTERTAINMENT PNL								
(LT PL)	D1655	1	LR1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	VIDEO POWER	23-32-01 1	---
	M1619	FWD CARGO TEMP CONTROL								
(LT PL)	D13534	1	LT2	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	FWD CAR. FAULT	21-61-81 1	---
	M1798	HF/SAT AUDIO XFER AND SAT/CALL RST PNL								
(LT PL)	D2695	1	LP2	2	---	---	---	LIGHT PLATE	23-25-02 1	-A
	M10023	WINDSHIELD WIPER/RAIN REPELLANT CONTROL PANEL								
(LT PL)	D884	1	LR1	2	---	---	---	LIGHT PLATE	---	-A
	M10054	FUEL QUANTITY PANEL								
(LT PL)	D3896	1	LS2	2	---	---	---	LIGHT PLATE	---	-A
	M10055(YCL)	FUEL MANAGEMENT PANEL								
(LT PL)	D1374	1	LS6	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	R PUMP - AFT	28-22-01 2	---
S2	---	13	15	ON	---	---	---	L PUMP - FWD	28-22-01 1	---
S3	---	13	15	ON	---	---	---	C PUMP - RIGHT	28-22-01 3	---
S4	---	13	15	ON	---	---	---	L PUMP - AFT	28-22-01 1	---
S5	---	13	15	ON	---	---	---	R PUMP - FWD	28-22-01 2	---
S6	---	13	15	ON	---	---	---	C PUMP - LEFT	28-22-01 3	---
S7	---	13	15	(OPEN)	---	---	---	FUEL CROSSFEED VALVE	28-22-01 4	---
	M10056(YCW)	LEFT LIGHTING CONTROL PANEL								
(LT PL)	D840	1	LS4	2	---	---	---	LIGHT PLATE	---	-A
S3	---	13	15	ON	---	---	---	LT OVRD	33-11-01 1	---
	M10057(YCX)	RIGHT OVERHEAD LIGHTING CONTROL PANEL								
(LT PL)	D860	1	LS4	2	---	---	---	LIGHT PLATE	---	-A
S4	---	13	15	---	---	---	---	LOGO LT	33-45-01 1	---
	M10062(YDI)	STANDBY POWER PANEL								
(LT PL)	D10216	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
S2	---	13	15	ON	---	---	---	BAT	24-33-01 1	---

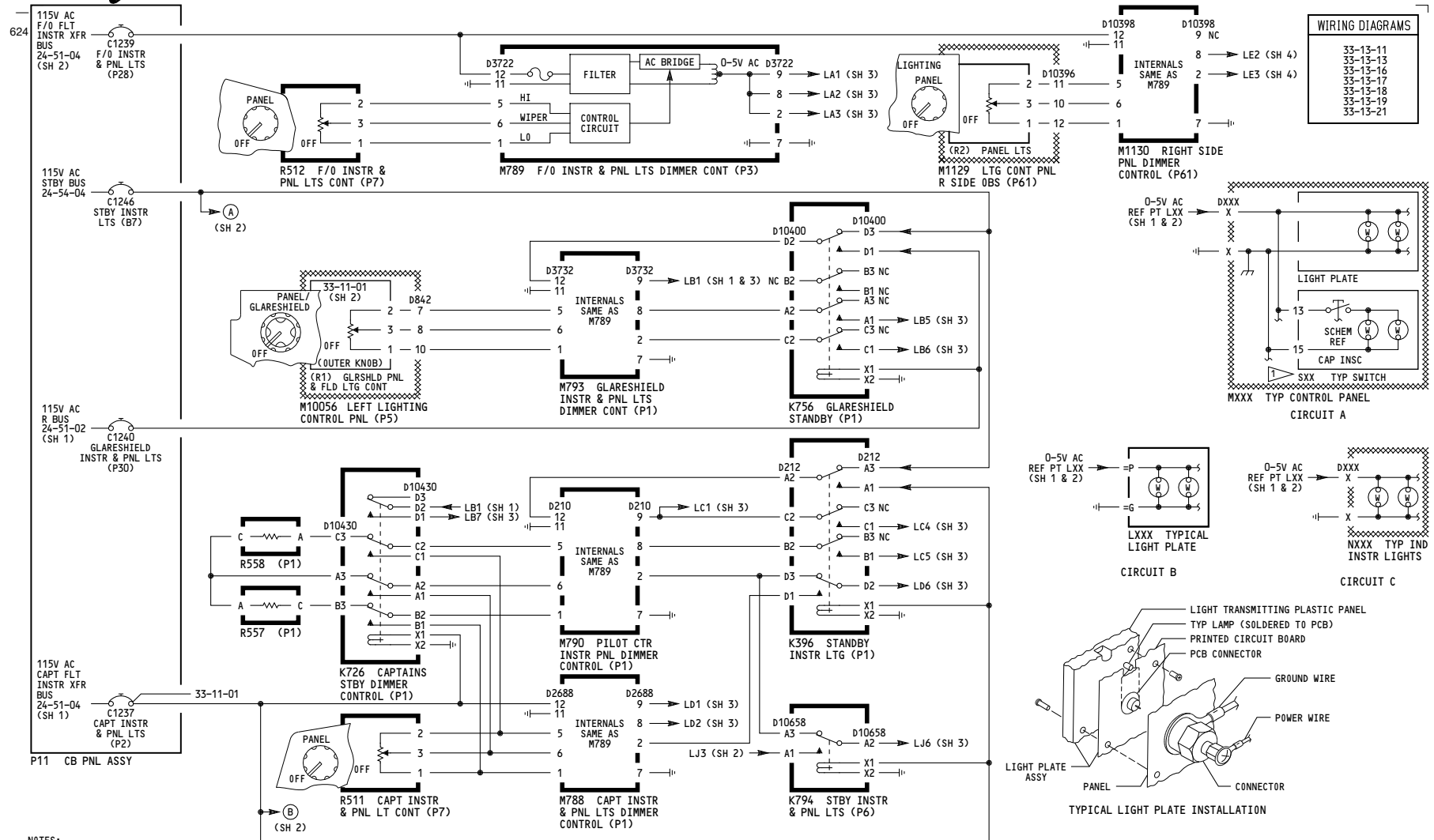
PILOTS OVERHEAD AND RIGHT SIDE PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H T
		PIN	REF	PT	PIN					
P5	M10063(YDJ)	ELECTRICAL SYSTEMS PANEL								
(LT PL)	D1382	1	LV3	2	---	---	---	LIGHT PLATE	---	-A
S3	---	13	15	ON	---	---	---	L GEN CONT	24-20-01 1	---
S4	---	13	15	ON	---	---	---	R GEN CONT	24-20-02 1	---
S7	---	13	15	ON	---	---	---	L UTILITY BUS	24-51-01 3	---
S8	---	13	15	ON	---	---	---	R UTILITY BUS	24-51-02 3	---
S9	---	13	15	AUTO	---	---	---	L TIE BUS	24-20-01 1	---
S10	---	13	15	AUTO	---	---	---	R TIE BUS	24-20-02 1	---
S11	---	13	15	ON	---	---	---	APU GEN	24-20-03 1	---
	M10078	COMPARTMENT TEMPERATURE PANEL								
(LT PL)	D1358	1	LT2	2	---	---	---	LIGHT PLATE	---	-A
	M10250(YAL)	YAW DAMPER PANEL								
(LT PL)	D723	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	L YAW DAMPER	22-21-01 1	---
S2	---	13	15	ON	---	---	---	R YAW DAMPER	22-21-02 1	---
	M10395(YDM)	WINDOW HEAT CONTROL PANEL								
(LT PL)	D876	1	LT1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	R SIDE WINDOW HEAT	30-41-01 1	---
S2	---	13	15	ON	---	---	---	R FWD WINDOW HEAT	30-41-02 1	---
S3	---	13	15	ON	---	---	---	L FWD WINDOW HEAT	30-41-01 1	---
S4	---	13	15	ON	---	---	---	L SIDE WINDOW HEAT	30-41-02 1	---
	M10397(YDN)	WING AND ENGINE ANTI-ICE CONTROL PANEL								
(LT PL)	D890	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	L ENG ANTI-ICE VALVE	30-21-01 1	---
S2	---	13	15	ON	---	---	---	R ENG ANTI-ICE VALVE	30-21-01 1	---
S3	---	13	15	ON	---	---	---	WING ANTI-ICE VALVE	30-11-01 1	---
	M10761(YHW)	EEC CONTROL MODULE								
(LT PL)	D2083	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	L EEC CONT	73-21-01 1	---
S2	---	13	15	ON	---	---	---	R EEC CONT	73-21-01 1	---
	P61	FIRST OBSERVERS AUDIO SELECT PANEL								
(LT PL)	D551	1	LE2	2	---	---	---	LIGHT PLATE	---	-A
	M1129	RIGHT SIDE OBSERVERS LIGHTING CONTROL PANEL								
(LT PL)	D10396	1	LE3	2	---	---	---	LIGHT PLATE	---	-A
	M1254	CONTROL DISPLAY UNIT								
(LT PL)	D1833	F-	LE2	G-	---	---	---	LIGHT PLATE	---	-A

### INSTRUMENT AND PANEL LIGHTS

- ▶ Incorporates 25-0325
- ▶ MTO 230593

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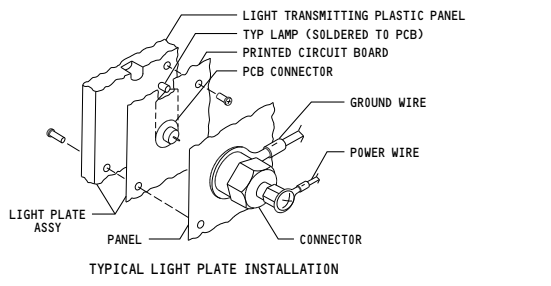
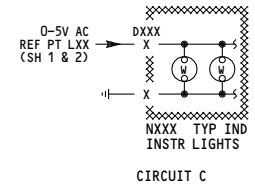
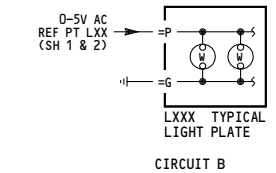
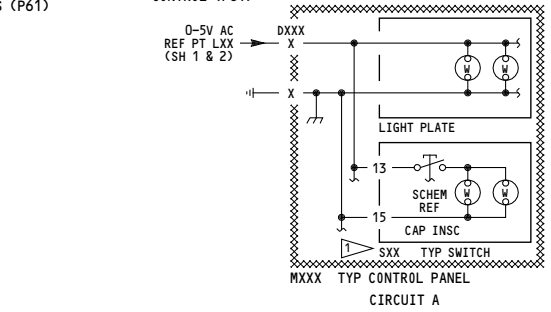
WIRING DIAGRAMS	
33-13-11	
33-13-13	
33-13-16	
33-13-17	
33-13-18	
33-13-19	
33-13-21	

NOTES:  
 1 SWITCH INTERNALS ARE NOT PART OF PANEL LIGHTS AND ARE SHOWN FOR REFERENCE ONLY.

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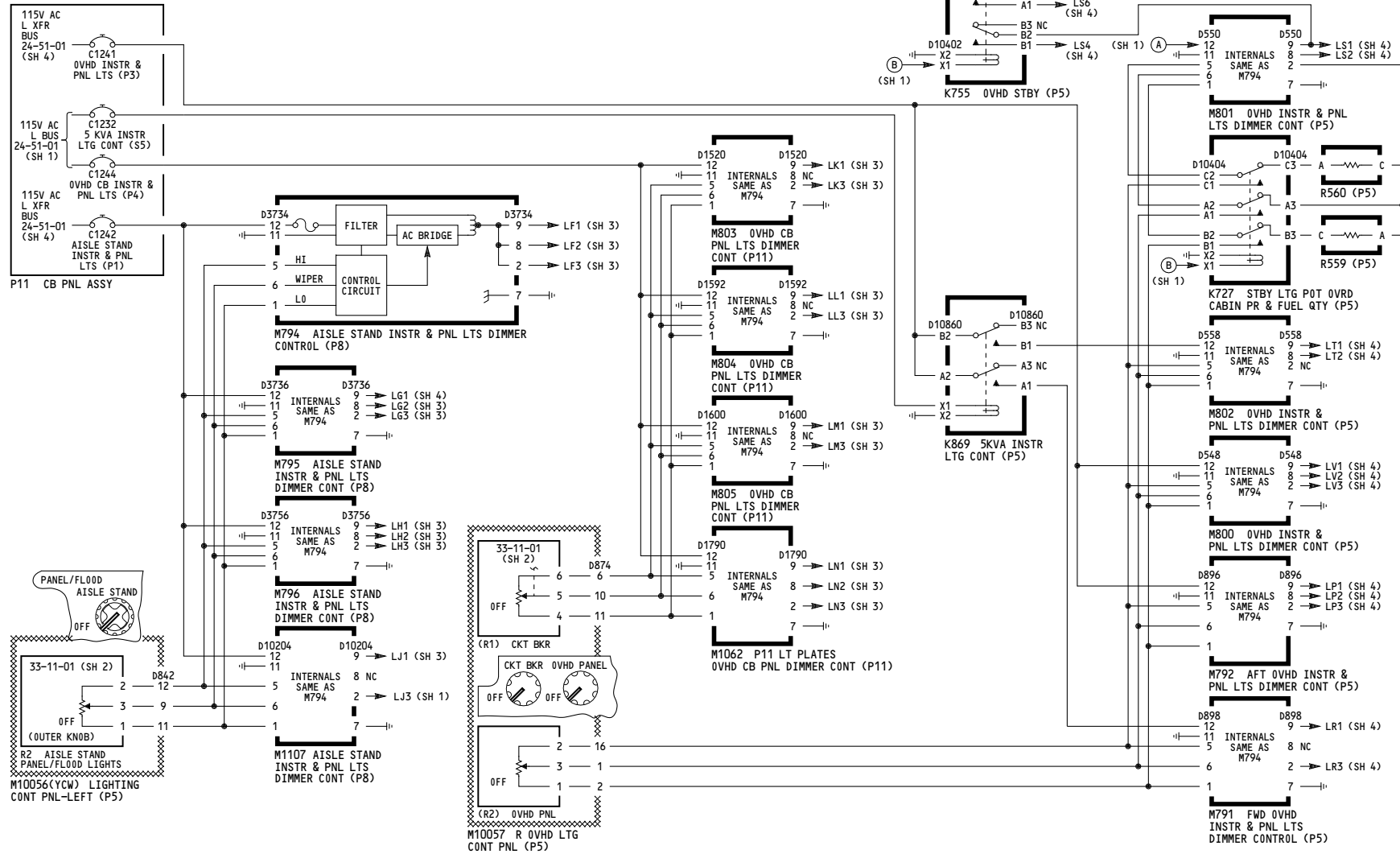
**INSTRUMENT AND PANEL LIGHTS**

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FORWARD PANEL INSTRUMENT AND PANEL LIGHTS											
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H T	C K T	
			PIN	REF PT							
—	N99	D642	=A1	LC1	=C1	—	PILOT STBY MAGNETIC COMPASS	—	—	C	
P1-1	L481	—	= P	LD2	= G	—	CAPT INSTR SOURCE SEL LT PL	—	—	B	
	N1	D101	= P	LD2	= G	—	CAPT MACH AIRSPEED INDICATOR	—	—	C	
	N3	D645	= P	LD6	= G	—	L RADIO DIST MAG INDICATOR	—	—	C	
	N126	D1819	= P	LD2	= G	—	L METRIC ALT (PROV)	—	—	C	
	N128	D1839	= P	LD2	= G	—	L METRIC SEL ALT DISPLAY (PROV)	—	—	C	
	S2	—	= P	LD2	= G	ALTN	L FMC INSTR SOURCE SEL SW	34-22-09	1	A	
	S3	—	= P	LD2	= G	ALTN	L EFI INSTR SOURCE SEL SW	34-22-09	1	A	
	S4	—	= P	LD2	= G	ALTN	L IRS INSTR SOURCE SEL SW	34-22-09	2	A	
	S482	—	= P	LD2	= G	ALTN	CAPT ADC INSTR SOURCE SEL SW	34-12-01	1	A	
	M9053 CAPTAINS EGPWS SW PNL										
	L9009	D9131P	22	LD2	23	—	LIGHT PLATE	33-13-11	2	A	
	P1-3	L494	—	= P	LC5	= G	—	AUTO BRAKES LIGHT PLATE	—	—	B
		L609	—	= P	LC5	= G	—	RESERVE BKS & STRG LIGHT PL	—	—	B
L662		—	= P	LC5	= G	—	CAUTION CANCEL/RCL LIGHT PL	—	—	B	
N4		D10886	= P	LD1	= G	—	CAPTAINS CLOCK	—	—	C	
N8		D111	= P	LD1	= G	—	CAPTAINS ALTIMETER	—	—	C	
N9		D113	= P	LD1	= G	—	L VERTICAL SPEED INDICATOR	—	—	C	
N20		D216	= P	LC1	= G	—	STANDBY ATTITUDE/ILS IND	—	—	C	
N22		D218	= P	LC1	= G	—	STANDBY AIRSPEED INDICATOR	—	—	C	
N23		D220	= P	LC1	= G	—	STANDBY ALTIMETER INDICATOR	—	—	C	
N70		D1363	= P	LD1	= G	—	CAPT AUTOLAND STATUS ANN	—	—	C	
N10016		D10122	= P	LD6	= G	—	STANDBY ENGINE INDICATOR	—	—	C	
S547		—	= P	LD1	= G	0N	RESERVE BKS & STRG SEL SW	29-00-04	1	A	
P3-1		L491	—	= P	LC4	= G	—	GEAR LEVER LIGHT PLATE	—	—	B
		L698	—	= P	LC4	= G	—	HSI HDG REFERENCE LIGHT PLATE	—	—	B
		M10258	D1669	= P	LC4	= G	—	THRUST MODE SELECT PANEL	—	—	B
		N10	D238	= P	LA2	= G	—	BRAKE PRESSURE INDICATOR	—	—	C
		N15	D240	= P	LA2	= G	—	FLAPS POSITION INDICATOR	—	—	C
	N41	D711	= P	LA2	= G	—	F/O MACH AIRSPEED IND (PROV)	—	—	C	
	N43	D647	= P	LA2	= G	—	R RADIO DIST MAG INDICATOR	—	—	C	
	N71	D1365	= P	LA2	= G	—	F/O AUTOLAND STATUS ANN	—	—	C	
	S601	—	= P	LC4	= G	ALTN	ALTN TE FLAPS ARM SWITCH	27-51-04	1	A	
	S602	—	= P	LC4	= G	ALTN	ALTN LE FLAPS ARM SWITCH	27-81-03	1	A	
	S605	—	= P	LC5	= G	0VRD	GND PROX FLAP OVRD SWITCH	34-44-01	2	A	
	S604	—	= P	LC5	= G	0VRD	GND PROX/CONFIG GEAR OVRD SW	31-51-05	1	A	
	M9054 F/O EGPWS SW PNL										
	L9010	D9124P	22	LA2	23	—	LIGHT PLATE	33-13-13	1	A	
P3-3	L489	—	= P	LA1	= G	—	F/O INSTR SOURCE SEL LIGHT PL	—	—	B	
	N42	D719	= P	LA1	= G	—	F/O CLOCK	—	—	C	
	N48	D715	= P	LA1	= G	—	F/O ALTIMETER	—	—	C	
	N49	D717	= P	LA1	= G	—	R VERTICAL SPEED INDICATOR	—	—	C	
	N127	D1821	= P	LA1	= G	—	R METRIC ALT (PROV)	—	—	C	
	N129	D1843	= P	LA1	= G	—	R METRIC SEL ALT DISPLAY (PROV)	—	—	C	
	S10	—	= P	LA1	= G	ALTN	R FMC INSTR SOURCE SEL SW	34-22-09	1	A	
	S11	—	= P	LA1	= G	ALTN	R EFI INSTR SOURCE SEL SW	34-22-09	1	A	
	S12	—	= P	LA1	= G	ALTN	R IRS INSTR SOURCE SEL SW	34-22-09	2	A	
	S483	—	= P	LA1	= G	ALTN	F/O ADC INSTR SOURCE SEL SW	34-12-01	1	A	
	P7	L482	—	= P	LB7	= G	—	CAPT LIGHTING CONTROL LT PL	—	—	B
L483		—	= P	LB5	= G	—	F/O LIGHTING CONTROL LT PL	—	—	B	
P13	M901 CAPTAINS HEATER CONTROL PANEL										
	(LT PL)	D3780	1	LD2	2	—	LIGHT PLATE	—	—	A	
P14	M902 F/O HEATER CONTROL PANEL										
	(LT PL)	D3762	1	LA3	2	—	LIGHT PLATE	—	—	A	
P55	M90 AFCS MODE CONTROL PANEL										
	(LT PL)	D479	1	LB6	2	—	LIGHT PLATE	—	—	A	
	M91 L VOR CONTROL PANEL										
	(LT PL)	D869	1	LB1	2	—	LIGHT PLATE	—	—	A	
	M92 R VOR CONTROL PANEL										
(LT PL)	D871	1	LB5	2	—	LIGHT PLATE	—	—	A		

CONTROL STAND INSTRUMENT AND PANEL LIGHTS											
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H T	C K T	
			PIN	REF PT							
P8	M70 CAPTAINS AUDIO SELECT PANEL										
	(LT PL)	D257	1	LJ6	2	—	LIGHT PLATE	—	—	A	
	M71 FIRST OFFICER AUDIO SELECT PANEL										
	(LT PL)	D259	1	LH1	2	—	LIGHT PLATE	—	—	A	
	M74 AILERON RUDDER TRIM CONTROL PANEL										
	(LT PL)	D1830	1	LG2	2	—	LIGHT PLATE	—	—	A	
	N83	D1832	1	LG2	2	—	—	RUDDER TRIM INDICATOR	—	—	C
		M75 WEATHER RADAR CONTROL PANEL									
	(LT PL)	D395	P	LJ1	E	—	LIGHT PLATE	—	—	A	
	M78 L VHF COMMUNICATIONS CONTROL PANEL										
	(LT PL)	D407	1	LJ6	2	—	LIGHT PLATE	—	—	A	
	M79 R VHF COMMUNICATIONS CONTROL PANEL										
	(LT PL)	D409	1	LH1	2	—	LIGHT PLATE	—	—	A	
	M80 CENTER VHF COMMUNICATIONS CONTROL PANEL										
	(LT PL)	D411	1	LG3	2	—	LIGHT PLATE	—	—	A	
	M81 DUAL AIR TRAFFIC CONTROL PANEL										
	(LT PL)	D303	1	LG2	2	—	LIGHT PLATE	—	—	A	
	M87 ILS CONTROL PANEL										
	(LT PL)	D603	1	LJ6	2	—	LIGHT PLATE	—	—	A	
	M939 ACARS PRINTER (PROVISIONS)										
	(LT PL)	D637	1	LG2	2	—	LIGHT PLATE	—	—	A	
	M1046 DUAL ADF CONTROL PANEL										
	(LT PL)	D1629	1	LJ6	2	—	LIGHT PLATE	—	—	A	
M1169 MULT-INPUT PRINTER											
(LT PL)	D1729	M	LG3	E-	—	LIGHT PLATE	—	—	A		
M9048 ACARS VOICE/DATA SELECT											
(LT PL)	D9090	1	LJ1	2	—	LIGHT PLATE	—	—	A		
M1044(YD0) APU/CARGO FIRE CONTROL PANEL											
(LT PL)	D864	1	LH2	2	—	LIGHT PLATE	—	—	A		
S1	—	= P	13	15	—	ARMED	FWD CARGO FIRE SWITCH	26-23-01	1	A	
S2	—	= P	13	15	—	ARMED	AFT CARGO FIRE SWITCH	26-23-01	1	A	
M10445 FIRE/OVERHEAT TEST PANEL											
(LT PL)	D10104	1	LJ1	2	—	LIGHT PLATE	—	—	A		
P9	M76 L FMC CONTROL DISPLAY UNIT										
	(LT PL)	D465	28	LF2	29	—	LIGHT PLATE	—	—	A	
	M77 R FMC CONTROL DISPLAY UNIT										
	(LT PL)	D467	28	LH2	29	—	LIGHT PLATE	—	—	A	
	M10195 EICAS DISPLAY SELECT PANEL										
(LT PL)	D209	40	LF1	41	—	LIGHT PLATE	—	—	A		

INSTRUMENT AND PANEL LIGHTS											
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H T	C K T	
			PIN	REF PT							
P10	L496	—	= P	LG3	= G	—	STAB. TRIM C/O CONT LT PL	—	—	B	
	L576	—	= P	LF3	= G	—	FLAP SETTING LT PL	—	—	B	
	L577	—	= P	LF3	= G	—	SPEED BRAKE LT PL	—	—	B	
	L604	—	= P	LG3	= G	—	FUEL CONTROL LT PL	—	—	B	
	M68	D2236	= P	1	LF3	= G	—	CAPT STAB. POSITION IND	—	—	B
	M69	D2238	= P	1	LH3	= G	—	F/O STAB. POSITION IND	—	—	B
	M93 RIGHT EFIS CONTROL PANEL										
	(LT PL)	D471	1	LH3	2	—	LIGHT PLATE	—	—	A	
	M94 LEFT EFIS CONTROL PANEL										
	(LT PL)	D469	1	LF3	2	—	LIGHT PLATE	—	—	A	
P11-3	L499	—	= P	LM1	= G	—	ROW 1 L LIGHT PLATE	—	—	B	
	L500	—	= P	LM1	= G	—	ROW 2 L LIGHT PLATE	—	—	B	
	L501	—	= P	LM1	= G	—	ROW 3 L LIGHT PLATE	—	—	B	
	L502	—	= P	LM1	= G	—	ROW 4 L LIGHT PLATE	—	—	B	
	L503	—	= P	LM1	= G	—	ROW 5 L LIGHT PLATE	—	—	B	
P11-2	L504	—	= P	LM1	= G	—	ROW 6 L LIGHT PLATE	—	—	B	
	L505	—	= P	LM1	= G	—	ROW 7 L LIGHT PLATE	—	—	B	
	L506	—	= P	LL1	= G	—	ROW 8 L LIGHT PLATE	—	—	B	
	L507	—	= P	LL1	= G	—	ROW 9 L LIGHT PLATE	—	—	B	
	L508	—	= P	LL1	= G	—	ROW 10 L LIGHT PLATE	—	—	B	
P11-1	L509	—	= P	LL1	= G	—	ROW 11 L LIGHT PLATE	—	—	B	
	L510	—	= P	LL1	= G	—	ROW 12 L LIGHT PLATE	—	—	B	
	L511	—	= P	LN2	= G	—	ROW 13 L LIGHT PLATE	—	—	B	
	L512	—	= P	LN2	= G	—	ROW 14 L LIGHT PLATE	—	—	B	
	L513	—	= P	LK1	= G	—	ROW 15 L LIGHT PLATE	—	—	B	
P11-6	L514	—	= P	LK1	= G	—	ROW 16 L LIGHT PLATE	—	—	B	
	L515	—	= P	LK1	= G	—	ROW 17 L LIGHT PLATE	—	—	B	
	L516	—	= P	LK1	= G	—	ROW 18 L LIGHT PLATE	—	—	B	
	L517	—	= P	LK1	= G	—	ROW 19 L LIGHT PLATE	—	—	B	
	L518	—	= P	LN3	= G	—	ROW 20 L LIGHT PLATE	—	—	B	
	L519	—	= P	LN3	= G	—	ROW 21 L LIGHT PLATE	—	—	B	
	L520	—	= P	LM3	= G	—	ROW 1 R LIGHT PLATE	—	—	B	
	L521	—	= P	LM3	= G	—	ROW 2 R LIGHT PLATE	—	—	B	
P11-5	L522	—	= P	LM3	= G	—	ROW 3 R LIGHT PLATE	—	—	B	
	L523	—	= P	LM3	= G	—	ROW 4 R LIGHT PLATE	—	—	B	
	L524	—	= P	LM3	= G	—	ROW 5 R LIGHT PLATE	—	—	B	
	L525	—	= P	LN1	= G	—	ROW 6 R LIGHT PLATE	—	—	B	
	L526	—	= P	LN1	= G	—	ROW 7 R LIGHT PLATE	—	—	B	
P11-4	L527	—	= P	LL3	= G	—	ROW 8 R LIGHT PLATE	—	—	B	
	L528	—	= P	LL3	= G	—	ROW 9 R LIGHT PLATE	—	—	B	
	L529	—	= P	LL3	= G	—	ROW 10 R LIGHT PLATE	—	—	B	
	L530	—	= P	LL3	= G	—	ROW 11 R LIGHT PLATE	—	—	B	
	L531	—	= P	LL3	= G	—	ROW 12 R LIGHT PLATE	—	—	B	
P11-4	L532	—	= P	LN2	= G	—	ROW 13 R LIGHT PLATE	—	—	B	
	L533	—	= P	LN2	= G	—	ROW 14 R LIGHT PLATE	—	—	B	
	L534	—	= P	LK3	= G	—	ROW 15 R LIGHT PLATE	—	—	B	
	L535	—	= P	LK3	= G	—	ROW 16 R LIGHT PLATE	—	—	B	
	L536	—	= P	LK3	= G	—	ROW 17 R LIGHT PLATE	—	—	B	
	L537	—	= P	LK3	= G	—	ROW 18 R LIGHT PLATE	—	—	B	
	L538	—	= P	LK3	= G	—	ROW 19 R LIGHT PLATE	—	—	B	
	L539	—	= P	LN3	= G	—					



# 767-200/300 SYSTEM SCHEMATIC MANUAL

PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/SW/IND	CONN		POWER		GND PIN	SWITCH CAP INSC	SYSTEM	SCHEM	S H K T
		PIN	REF PT	PIN	REF PT					
P5	M1	APU CONTROL PANEL								
(LT PL)	D1394	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
	M10(YC)	HYDRAULICS SYSTEMS CONTROL PANEL								
(LT PL)	D1312	1	LV1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	---	15	ON	---	---	L ENG PRIMARY PUMP	29-00-02 1	---
S2	---	13	---	15	ON	---	---	C ELEC 1 PRIMARY PUMP	29-00-04 1	---
S3	---	13	---	15	ON	---	---	C ELEC 2 PRIMARY PUMP	29-00-04 3	---
S4	---	13	---	15	ON	---	---	R ENG PRIMARY PUMP	29-00-03 1	---
	M13	CABIN PRESSURE SELECT PANEL								
(LT PL)	D1324	1	LS1	2	---	---	---	LIGHT PLATE	---	-A
N1	---	1	---	2	---	---	---	VALVE POSITION IND	---	---
N2	---	1	---	2	---	---	---	LDG ALTITUDE	---	---
	M14(YBF)	TEMPERATURE CONTROL PANEL								
(LT PL)	D1302	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
N1	---	1	---	2	---	---	---	TEMP CONT VALVE POS	---	---
S1	---	13	---	15	ON	---	---	TRIM AIR	21-60-01 1	---
S2	---	13	---	15	ON	---	---	L RECIRC FAN	21-25-01 1	---
S3	---	13	---	15	ON	---	---	R RECIRC FAN	21-25-02 1	---
	M15(YC2)	BLEED AIR SUPPLY PANEL								
(LT PL)	D1348	1	LP1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	---	15	(OPEN)	---	---	L ISLN VALVE	36-11-01 1	---
S2	---	13	---	15	(OPEN)	---	---	C ISLN VALVE	36-11-03 1	---
S3	---	13	---	15	(OPEN)	---	---	R ISLN VALVE	36-11-02 1	---
S4	---	13	---	15	(ON)	---	---	L ENG VALVE	36-11-05 1	---
S5	---	13	---	15	(OPEN)	---	---	APU VALVE	36-11-04 2	---
S6	---	13	---	15	(ON)	---	---	R ENG VALVE	36-11-06 2	---
	N122	D3892	1	LP1	2	---	---	DUAL DUCT PRESSURE IND (LOC ON M15 PNL)	---	-C
	M17	EQUIPMENT COOLING CONTROL PANEL								
(LT PL)	D1366	1	LS6	2	---	---	---	LIGHT PLATE	---	-A
	M19	CABIN PRESSURE GAUGES PANEL								
(LT PL)	D1776	1	LS1	2	---	---	---	LIGHT PLATE	---	-A
	M29(YDB)	CARGO HEAT CONTROL PANEL								
(LT PL)	D3842	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	---	15	ON	---	---	FWD CARGO HEAT	21-43-01 1	---
S2	---	13	---	15	ON	---	---	AFT CARGO HEAT	21-44-01 1	---
S3	---	13	---	15	ON	---	---	BULK CARGO HEAT	21-44-02 1	---
	M43	EMERGENCY LIGHTS CONTROL PANEL								
(LT PL)	D838	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
	M49	ENGINE IGNITION AND START CONTROL PANEL								
(LT PL)	D848	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M50	VOICE RECORDER CONTROL PANEL								
(LT PL)	D731	Y	LR3	2	---	---	---	LIGHT PLATE	---	-A
	M51	PILOTS CALL PANEL								
(LT PL)	D735	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
	M52	PASSENGER SIGNS CONTROL PANEL								
(LT PL)	D854	1	LT1	2	---	---	---	LIGHT PLATE	---	-A

PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/SW/IND	CONN		POWER		GND PIN	SWITCH CAP INSC	SYSTEM	SCHEM	S H K T
		PIN	REF PT	PIN	REF PT					
P5	M56(YCT)	ANTI-COLLISION AND LANDING LIGHT CONTROL								
(LT PL)	D856	1	LR1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	---	15	ON	---	---	POSITION LIGHTS	33-43-01 1	---
S5	---	13	---	15	ON	---	---	WHITE ANTI-COLLISION	33-44-01 1	---
S6	---	13	---	15	ON	---	---	WING LIGHTS	33-41-01 1	---
S7	---	13	---	15	ON	---	---	RED ANTI-COLLISION LTS	33-44-01 1	---
	M59	INERTIAL REFERENCE MODE PANEL								
(LT PL)	D739	1	LP1	2	---	---	---	LIGHT PLATE	---	-A
D741	---	1	LP1	2	---	---	---	(INPUTS COMMONED)	---	---
D743	---	1	LP1	2	---	---	---	---	---	---
	M61	EMERGENCY EVACUATION CONTROL PANEL								
(LT PL)	D636	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M82	L HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D733	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M83	R HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D737	1	LR3	2	---	---	---	LIGHT PLATE	---	-A
	M111(YDG)	ENTERTAINMENT PNL								
(LT PL)	D1655	1	LR1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	---	15	ON	---	---	VIDEO POWER	23-32-01 1	---
	M1619	FWD CARGO TEMP CONTROL								
(LT PL)	D13534	1	LT2	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	---	15	ON	---	---	FWD CAR. FAULT	21-61-81 1	---
	M1798	HF/SAT AUDIO XFER & SAT/CALL RST PNL								
(LT PL)	D2695	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
	M10023	WINDSHIELD WIPER/RAIN REPELLANT CONTROL PANEL								
(LT PL)	D884	1	LR1	2	---	---	---	LIGHT PLATE	---	-A
	M10054	FUEL QUANTITY PANEL								
(LT PL)	D3896	1	LS2	2	---	---	---	LIGHT PLATE	---	-A
	M10055(YCL)	FUEL MANAGEMENT PANEL								
(LT PL)	D1374	1	LS6	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	---	15	ON	---	---	R PUMP - AFT	28-22-01 2	---
S2	---	13	---	15	ON	---	---	L PUMP - FWD	28-22-01 1	---
S3	---	13	---	15	ON	---	---	C PUMP - RIGHT	28-22-01 3	---
S4	---	13	---	15	ON	---	---	L PUMP - AFT	28-22-01 1	---
S5	---	13	---	15	ON	---	---	R PUMP - FWD	28-22-01 2	---
S6	---	13	---	15	ON	---	---	C PUMP - LEFT	28-22-01 3	---
S7	---	13	---	15	(OPEN)	---	---	FUEL CROSSFEED VALVE	28-22-01 4	---
	M10056(YCW)	LEFT LIGHTING CONTROL PANEL								
(LT PL)	D840	1	LS4	2	---	---	---	LIGHT PLATE	---	-A
S3	---	13	---	15	ON	---	---	LT OVRD	33-11-01 1	---
	M10057(YCX)	RIGHT OVERHEAD LIGHTING CONTROL PANEL								
(LT PL)	D860	1	LS4	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	---	15	UNLKD	---	---	FLIGHT DECK DOOR	52-51-01 1	---
	M10062(YDI)	STANDBY POWER PANEL								
(LT PL)	D10216	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
S2	---	13	---	15	ON	---	---	BAT	24-33-01 1	---

PILOTS OVERHEAD AND RIGHT SIDE PANEL LIGHTS										
PNL	LIGHT/SW/IND	CONN		POWER		GND PIN	SWITCH CAP INSC	SYSTEM	SCHEM	S H K T
		PIN	REF PT	PIN	REF PT					
P5	M10063(YDJ)	ELECTRICAL SYSTEMS PANEL								
(LT PL)	D1382	1	LV3	2	---	---	---	LIGHT PLATE	---	-A
S3	---	13	---	15	ON	---	---	L GEN CONT	24-20-01 1	---
S4	---	13	---	15	ON	---	---	R GEN CONT	24-20-02 1	---
S7	---	13	---	15	ON	---	---	L UTILITY BUS	24-51-01 3	---
S8	---	13	---	15	ON	---	---	R UTILITY BUS	24-51-02 3	---
S9	---	13	---	15	AUTO	---	---	L TIE BUS	24-20-01 1	---
S10	---	13	---	15	AUTO	---	---	R TIE BUS	24-20-02 1	---
S11	---	13	---	15	ON	---	---	APU GEN	24-20-03 1	---
	M10078	COMPARTMENT TEMPERATURE PANEL								
(LT PL)	D1358	1	LT2	2	---	---	---	LIGHT PLATE	---	-A
	M10250(YAL)	YAW DAMPER PANEL								
(LT PL)	D723	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	---	15	ON	---	---	L YAW DAMPER	22-21-01 1	---
S2	---	13	---	15	ON	---	---	R YAW DAMPER	22-21-02 1	---
	M10395(YDM)	WINDOW HEAT CONTROL PANEL								
(LT PL)	D876	1	LT1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	---	15	ON	---	---	R SIDE WINDOW HEAT	30-41-01 1	---
S2	---	13	---	15	ON	---	---	R FWD WINDOW HEAT	30-41-02 1	---
S3	---	13	---	15	ON	---	---	L FWD WINDOW HEAT	30-41-01 1	---
S4	---	13	---	15	ON	---	---	L SIDE WINDOW HEAT	30-41-02 1	---
	M10397(YDN)	WING AND ENGINE ANTI-ICE CONTROL PANEL								
(LT PL)	D890	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	---	15	ON	---	---	L ENG ANTI-ICE VALVE	30-21-01 1	---
S2	---	13	---	15	ON	---	---	R ENG ANTI-ICE VALVE	30-21-01 1	---
S3	---	13	---	15	ON	---	---	WING ANTI-ICE VALVE	30-11-01 1	---
	M10761(YHW)	EEC CONTROL MODULE								
(LT PL)	D2083	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	---	15	ON	---	---	L EEC CONT	73-21-01 1	---
S2	---	13	---	15	ON	---	---	R EEC CONT	73-21-01 1	---
	M98	FIRST OBSERVERS AUDIO SELECT PANEL								
(LT PL)	D551	1	LE2	2	---	---	---	LIGHT PLATE	---	-A
	M1129	RIGHT SIDE OBSERVERS LIGHTING CONTROL PANEL								
(LT PL)	D10396	1	LE3	2	---	---	---	LIGHT PLATE	---	-A
	M1254	CONTROL DISPLAY UNIT								
(LT PL)	D1833	F-	LE2	G-	---	---	---	LIGHT PLATE	---	-A

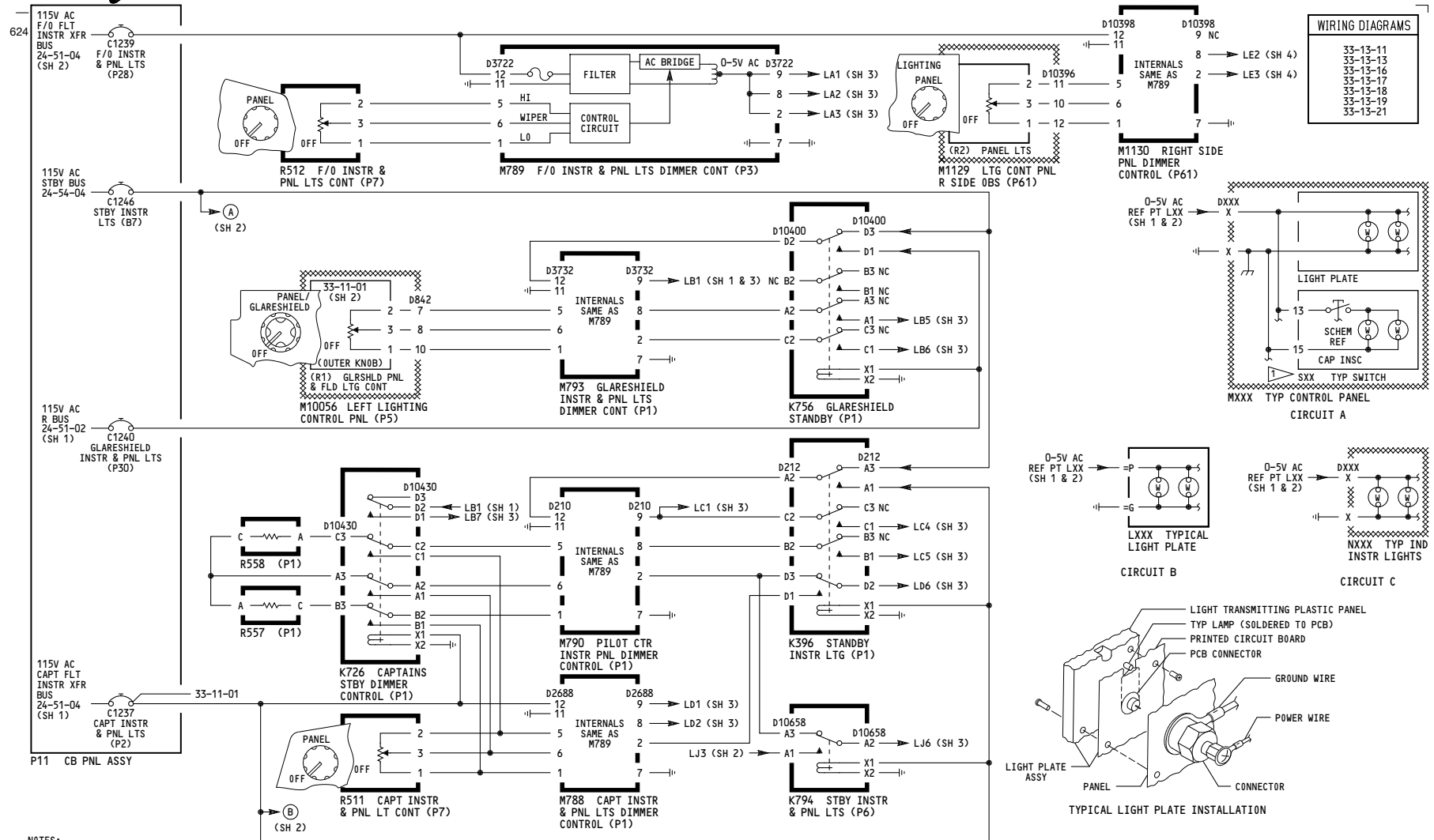
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WIRING DIAGRAMS	
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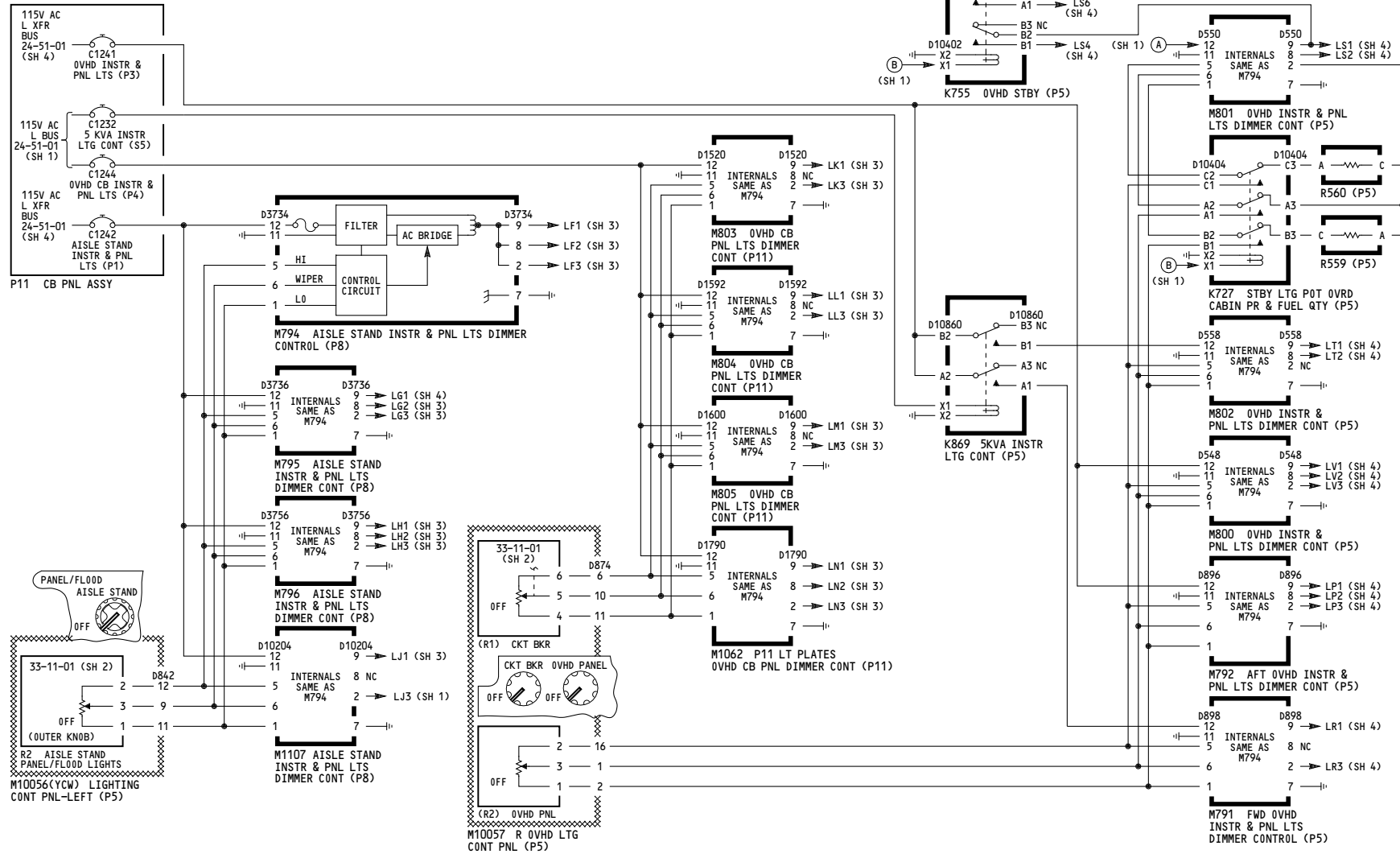
NOTES:  
 1 SWITCH INTERNALS ARE NOT PART OF PANEL LIGHTS AND ARE SHOWN FOR REFERENCE ONLY.

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FORWARD PANEL INSTRUMENT AND PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H T	C K T
			PIN	REF PT						
—	N99	D642	=A1	LC1	=C1	—	PILOT STBY MAGNETIC COMPASS	—	—	C
P1-1	L481 N1 N3 N126 N128 S2 S3 S4 S482	D101 D645 D1819 D1839	= P = P = P = P	LD2 LD6 LD2 LD2	= G = G = G = G	—	CAPT INSTR SOURCE SEL LT PL CAPT MACH AIRSPEED INDICATOR L RADIO DIST MAG INDICATOR L METRIC ALT (PROV) L METRIC SEL ALT DISPLAY (PROV) L FMC INSTR SOURCE SEL SW L EFI INSTR SOURCE SEL SW L IRS INSTR SOURCE SEL SW CAPT ADC INSTR SOURCE SEL SW	— — — — — 34-22-09 34-22-09 34-22-09 34-12-01	1 1 1 1 1 1 1 1 1 1	A A A A A A A A A A
M9053 CAPTAINS EGPWS SW PNL										
	L9009	D9131P	22	LD2	23	—	LIGHT PLATE	33-13-11	2	A
P1-3	L494 L609 L662 N2 N8 N9 N20 N22 N23 N70 N10016 S547	D10886 D111 D113 D216 D218 D220 D1363 D10122 D13	= P = P = P = P = P = P = P = P = P = P	LC5 LD1 LC5 LD1 LD1 LD1 LC1 LC1 LD1 LD6 LD1	= G = G = G = G = G = G = G = G = G = G = G	—	AUTO BRAKES LIGHT PLATE RESERVE BKS & STRG LIGHT PL CAUTION CANCEL/RCL LIGHT PL CAPTAINS CLOCK CAPTAINS ALTIMETER L VERTICAL SPEED INDICATOR STANDBY ATTITUDE/ILS IND STANDBY AIRSPEED INDICATOR STANDBY ALTIMETER INDICATOR CAPT AUTOLAND STATUS ANN STANDBY ENGINE INDICATOR RESERVE BKS & STRG SEL SW	— — — — — — — — — — — 29-00-04	1 1 1 1 1 1 1 1 1 1 1 1	B B B B B B B B B B B B B
P3-1	L491 L698 M10258 N10 N15 N41 N43 N71 S601 S602 S605 S604	D1669 D238 D240 D711 D647 D1365	= P = P = P = P = P = P = P = P	LC4 LC4 LC4 LA2 LA2 LA2 LA2 LA2	= G = G = G = G = G = G = G = G	—	GEAR LEVER LIGHT PLATE HSI HDG REFERENCE LIGHT PLATE THRUST MODE SELECT PANEL BRAKE PRESSURE INDICATOR FLAPS POSITION INDICATOR F/O MACH AIRSPEED IND (PROV) R RADIO DIST MAG INDICATOR F/O AUTOLAND STATUS ANN ALTN TE FLAPS ARM SWITCH ALTN LE FLAPS ARM SWITCH OVRD GND PROX/CONFIG GEAR OVRD SW	— — — — — — — — — 27-51-04 27-81-03 34-4-01 31-51-05	1 1 1 1 1 1 1 1 1 1 1 1 1 1 1	A A A A A A A A A A A A A A
M9054 F/O EGPWS SW PNL										
	L9010	D9124P	22	LA2	23	—	LIGHT PLATE	33-13-13	1	A
P3-3	L489 N42 N48 N49 N127 N129 S10 S11 S12 S483	D719 D715 D717 D1821 D1843	= P = P = P = P = P	LA1 LA1 LA1 LA1 LA1	= G = G = G = G = G	—	F/O INSTR SOURCE SEL LIGHT PL F/O CLOCK F/O ALTIMETER R VERTICAL SPEED INDICATOR R METRIC ALT (PROV) R METRIC SEL ALT DISPLAY (PROV) R FMC INSTR SOURCE SEL SW R EFI INSTR SOURCE SEL SW L IRS INSTR SOURCE SEL SW F/O ADC INSTR SOURCE SEL SW	— — — — — — 34-22-09 34-22-09 34-22-09 34-12-01	1 1 1 1 1 1 1 1 1 1 1	B B B B B B B B B B B
P7	L482 L483	—	= P = P	LB7 LB5	= G = G	—	CAPT LIGHTING CONTROL LT PL F/O LIGHTING CONTROL LT PL	— —	— —	B B
P13	M901 CAPTAINS HEATER CONTROL PANEL									
	(LT PL)	D3780	1	LD2	2	—	LIGHT PLATE	—	—	A
P14	M902 F/O HEATER CONTROL PANEL									
	(LT PL)	D3762	1	LA3	2	—	LIGHT PLATE	—	—	A
P55	M90 AFCS MODE CONTROL PANEL									
	(LT PL)	D479	1	LB6	2	—	LIGHT PLATE	—	—	A
M91 L VOR CONTROL PANEL										
	(LT PL)	D869	1	LB1	2	—	LIGHT PLATE	—	—	A
M92 R VOR CONTROL PANEL										
	(LT PL)	D871	1	LB5	2	—	LIGHT PLATE	—	—	A

CONTROL STAND INSTRUMENT AND PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H T	C K T
			PIN	REF PT						
P8	M70 CAPTAINS AUDIO SELECT PANEL									
	(LT PL)	D257	1	LJ6	2	—	LIGHT PLATE	—	—	A
M71 FIRST OFFICER AUDIO SELECT PANEL										
	(LT PL)	D259	1	LH1	2	—	LIGHT PLATE	—	—	A
M74 AILERON RUDDER TRIM CONTROL PANEL										
	(LT PL)	D1830	1	LG2	2	—	LIGHT PLATE	—	—	A
	N83	D1832	1	LG2	2	—	RUDDER TRIM INDICATOR	—	—	C
M75 WEATHER RADAR CONTROL PANEL										
	(LT PL)	D395	P	LJ1	E	—	LIGHT PLATE	—	—	A
M78 L VHF COMMUNICATIONS CONTROL PANEL										
	(LT PL)	D407	1	LJ6	2	—	LIGHT PLATE	—	—	A
M79 R VHF COMMUNICATIONS CONTROL PANEL										
	(LT PL)	D409	1	LH1	2	—	LIGHT PLATE	—	—	A
M80 CENTER VHF COMMUNICATIONS CONTROL PANEL										
	(LT PL)	D411	1	LG3	2	—	LIGHT PLATE	—	—	A
M81 DUAL AIR TRAFFIC CONTROL PANEL										
	(LT PL)	D303	1	LG2	2	—	LIGHT PLATE	—	—	A
M87 ILS CONTROL PANEL										
	(LT PL)	D603	1	LJ6	2	—	LIGHT PLATE	—	—	A
M939 ACARS PRINTER (PROVISIONS)										
	(LT PL)	D637	1	LG2	2	—	LIGHT PLATE	—	—	A
M1046 DUAL ADF CONTROL PANEL										
	(LT PL)	D1629	1	LJ6	2	—	LIGHT PLATE	—	—	A
M1169 MULT-INPUT PRINTER										
	(LT PL)	D1729	M	LG3	E-	—	LIGHT PLATE	—	—	A
M9048 ACARS VOICE/DATA SELECT										
	(LT PL)	D9090	1	LJ1	2	—	LIGHT PLATE	—	—	A
M10444(YD0) APU/CARGO FIRE CONTROL PANEL										
	(LT PL)	D864	1	LH2	2	—	LIGHT PLATE	—	—	A
	S1	—	13	15	ARMED	—	FWD CARGO FIRE SWITCH	26-23-01	1	B
	S2	—	13	15	ARMED	—	AFT CARGO FIRE SWITCH	26-23-01	1	B
M10445 FIRE/OVERHEAT TEST PANEL										
	(LT PL)	D10104	1	LJ1	2	—	LIGHT PLATE	—	—	A
P9	M76 L FMC CONTROL DISPLAY UNIT									
	(LT PL)	D465	28	LF2	29	—	LIGHT PLATE	—	—	A
M77 R FMC CONTROL DISPLAY UNIT										
	(LT PL)	D467	28	LH2	29	—	LIGHT PLATE	—	—	A
M10195 EICAS DISPLAY SELECT PANEL										
	(LT PL)	D209	40	LF1	41	—	LIGHT PLATE	—	—	A

INSTRUMENT AND PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H T	C K T
			PIN	REF PT						
P10	L496 L576 L577 L604 M68 M69	—	= P = P = P = P	LG3 LF3 LF3 LF3	= G = G = G = G	—	STAB. TRIM C/O CONT LT PL FLAP SETTING LT PL SPEED BRAKE LT PL FUEL CONTROL LT PL CAPT STAB. POSITION IND F/O STAB. POSITION IND	— — — — — —	— — — — — —	B B B B B B
M93 RIGHT EFIS CONTROL PANEL										
	(LT PL)	D471	1	LH3	2	—	LIGHT PLATE	—	—	A
M94 LEFT EFIS CONTROL PANEL										
	(LT PL)	D469	1	LF3	2	—	LIGHT PLATE	—	—	A
P11-3	L499 L500 L501 L502 L503 L504 L505	—	= P = P = P = P = P = P	LM1 LM1 LM1 LM1 LM1 LM1	= G = G = G = G = G = G	—	ROW 1 L LIGHT PLATE ROW 2 L LIGHT PLATE ROW 3 L LIGHT PLATE ROW 4 L LIGHT PLATE ROW 5 L LIGHT PLATE ROW 6 L LIGHT PLATE ROW 7 L LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-2	L506 L507 L508 L509 L510 L511 L512	—	= P = P = P = P = P = P	LL1 LL1 LL1 LL1 LL1 LN2 LN2	= G = G = G = G = G = G = G	—	ROW 8 L LIGHT PLATE ROW 9 L LIGHT PLATE ROW 10 L LIGHT PLATE ROW 11 L LIGHT PLATE ROW 12 L LIGHT PLATE ROW 13 L LIGHT PLATE ROW 14 L LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-1	L513 L514 L515 L516 L517 L518 L519	—	= P = P = P = P = P = P	LK1 LK1 LK1 LK1 LN3 LN3	= G = G = G = G = G = G	—	ROW 15 L LIGHT PLATE ROW 16 L LIGHT PLATE ROW 17 L LIGHT PLATE ROW 18 L LIGHT PLATE ROW 19 L LIGHT PLATE ROW 20 L LIGHT PLATE ROW 21 L LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-6	L520 L521 L522 L523 L524 L525 L526	—	= P = P = P = P = P = P	LM3 LM3 LM3 LM3 LN1 LN1	= G = G = G = G = G = G	—	ROW 1 R LIGHT PLATE ROW 2 R LIGHT PLATE ROW 3 R LIGHT PLATE ROW 4 R LIGHT PLATE ROW 5 R LIGHT PLATE ROW 6 R LIGHT PLATE ROW 7 R LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-5	L527 L528 L529 L530 L531 L532 L533	—	= P = P = P = P = P = P	LL3 LL3 LL3 LL3 LN2 LN2	= G = G = G = G = G = G	—	ROW 8 R LIGHT PLATE ROW 9 R LIGHT PLATE ROW 10 R LIGHT PLATE ROW 11 R LIGHT PLATE ROW 12 R LIGHT PLATE ROW 13 R LIGHT PLATE ROW 14 R LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-4	L534 L535 L536 L537 L538 L539 L540	—	= P = P = P = P = P = P	LK3 LK3 LK3 LK3 LN3 LN3	= G = G = G = G = G = G	—	ROW 15 R LIGHT PLATE ROW 16 R LIGHT PLATE ROW 17 R LIGHT PLATE ROW 18 R LIGHT PLATE ROW 19 R LIGHT PLATE ROW 20 R LIGHT PLATE ROW 21 R LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B

**INSTRUMENT AND PANEL LIGHTS**

Incorporates  
 ▶ MTO-230607  
 ▶ MTO-340961

D280T232

**33-13-01**

PNL	LIGHT/ SW/ IND	PILOTS OVERHEAD PANEL LIGHTS				SYSTEM	SCHEM	S	C	K	T
		CONN	POWER	GND	SWITCH						
P5	M1	APU CONTROL PANEL									
(LT PL)	D1394	1	LV2	2	---	LIGHT PLATE	---				A
	M10(YC)	HYDRAULICS SYSTEMS CONTROL PANEL									
(LT PL)	D1312	1	LV1	2	---	LIGHT PLATE					A
S1	---	13	15	ON	---	L ENG PRIMARY PUMP	29-00-02	1			
S2	---	13	15	ON	---	C ELEC 1 PRIMARY PUMP	29-00-04	1			
S3	---	13	15	ON	---	C ELEC 2 PRIMARY PUMP	29-00-04	3			
S4	---	13	15	ON	---	R ENG PRIMARY PUMP	29-00-03	1			
	M13	CABIN PRESSURE SELECT PANEL									
(LT PL)	D1324	1	LS1	2	---	LIGHT PLATE					A
N1	---	1	2	---	---	VALVE POSITION IND					
N2	---	1	2	---	---	LDG ALTITUDE					
	M14(YB)	TEMPERATURE CONTROL PANEL									
(LT PL)	D1302	1	LV2	2	---	LIGHT PLATE					A
N1	---	1	2	---	---	TEMP CONT VALVE POS					
S1	---	13	15	ON	---	TRIM AIR	21-60-01	1			
S2	---	13	15	ON	---	L RECIRC FAN	21-25-01	1			
S3	---	13	15	ON	---	R RECIRC FAN	21-25-02	1			
	M15(YC2)	BLEED AIR SUPPLY PANEL									
(LT PL)	D1348	1	LP1	2	---	LIGHT PLATE					A
S1	---	13	15	(OPEN)	---	L ISLN VALVE	36-11-01	1			
S2	---	13	15	(OPEN)	---	C ISLN VALVE	36-11-03	1			
S3	---	13	15	(OPEN)	---	R ISLN VALVE	36-11-02	1			
S4	---	13	15	(ON)	---	L ENG VALVE	36-11-05	1			
S5	---	13	15	(OPEN)	---	APU VALVE	36-11-04	1			
S6	---	13	15	(ON)	---	R ENG VALVE	36-11-06	1			
	N122	D3892	1	LP1	2	---	DUAL DUCT PRESSURE IND				C
	M17	EQUIPMENT COOLING CONTROL PANEL									
(LT PL)	D1366	1	LS6	2	---	LIGHT PLATE					A
	M19	CABIN PRESSURE GAUGES PANEL									
(LT PL)	D1776	1	LS1	2	---	LIGHT PLATE					A
	M29(YDB)	CARGO HEAT CONTROL PANEL									
(LT PL)	D3842	1	LP3	2	---	LIGHT PLATE					A
S1	---	13	15	ON	---	FWD CARGO HEAT	21-43-01	1			
S2	---	13	15	ON	---	AFT CARGO HEAT	21-44-01	1			
S3	---	13	15	ON	---	BULK CARGO HEAT	21-44-02	1			
	M43	EMERGENCY LIGHTS CONTROL PANEL									
(LT PL)	D838	1	LP2	2	---	LIGHT PLATE					A
	M49	ENGINE IGNITION AND START CONTROL PANEL									
(LT PL)	D848	1	LP3	2	---	LIGHT PLATE					A
	M50	VOICE RECORDER CONTROL PANEL									
(LT PL)	D731	Y	LR3	2	---	LIGHT PLATE					A
	M51	PILOTS CALL PANEL									
(LT PL)	D735	1	LP2	2	---	LIGHT PLATE					A
	M52	PASSENGER SIGNS CONTROL PANEL									
(LT PL)	D854	1	LT1	2	---	LIGHT PLATE					A

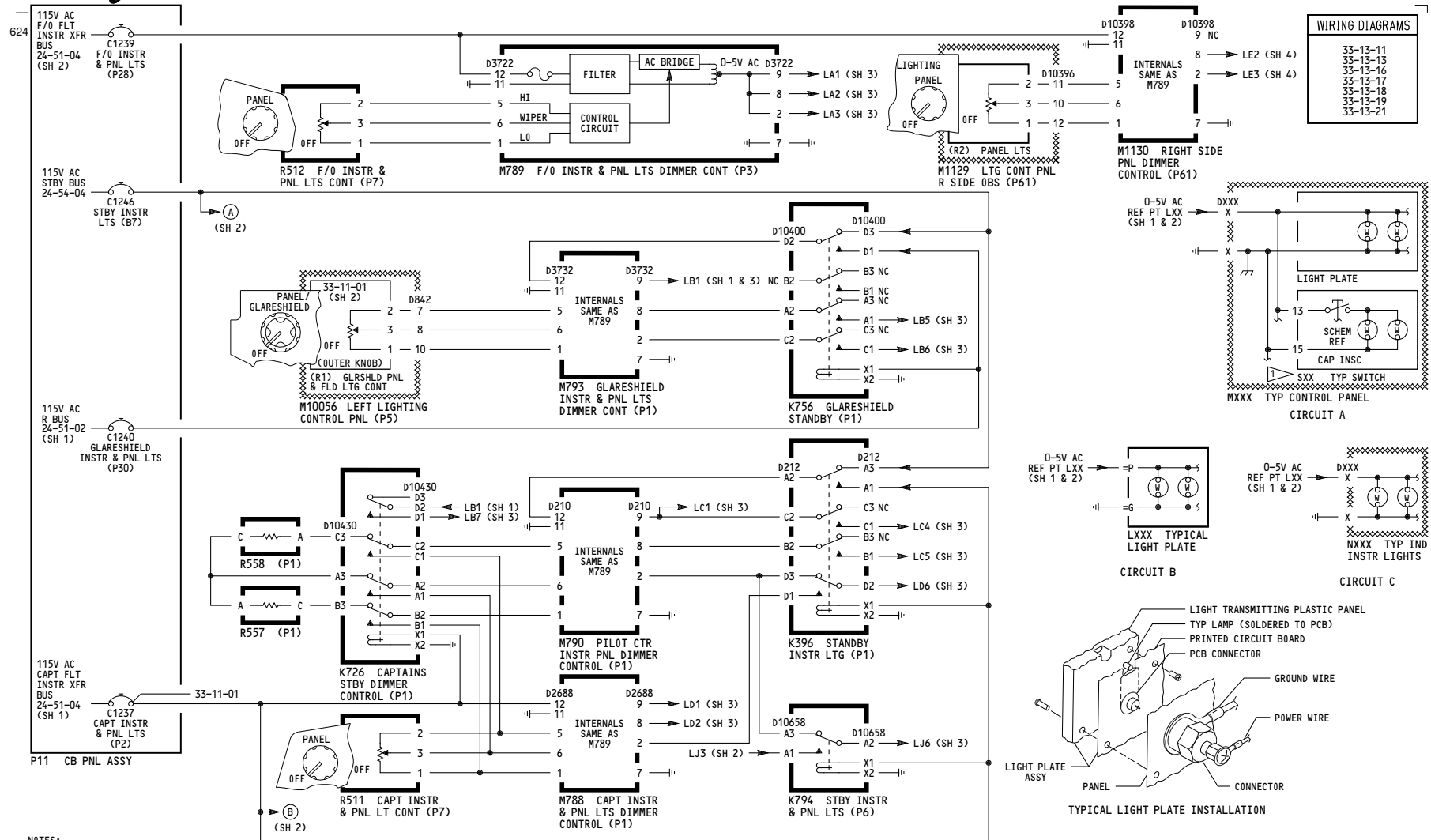
PNL	LIGHT/ SW/ IND	PILOTS OVERHEAD PANEL LIGHTS				SYSTEM	SCHEM	S	C	K	T
		CONN	POWER	GND	SWITCH						
P5	M56(YCT)	ANTI-COLLISION AND LANDING LIGHT CONTROL									
(LT PL)	D856	1	LR1	2	---	LIGHT PLATE					A
S1	---	13	15	ON	---	POSITION LIGHTS	33-43-01	1			
S5	---	13	15	ON	---	WHITE ANTI-COLLISION	33-44-01	1			
S6	---	13	15	ON	---	WING LIGHTS	33-41-01	1			
S7	---	13	15	ON	---	RED ANTI-COLLISION LTS	33-44-01	1			
	M59	INERTIAL REFERENCE MODE PANEL									
(LT PL)	D739	1	LP1	2	---	LIGHT PLATE					A
D741	---	1	LP1	2	---	(INPUTS COMMONED)					
D743	---	1	LP1	2	---						
	M61	EMERGENCY EVACUATION CONTROL PANEL									
(LT PL)	D636	1	LP3	2	---	LIGHT PLATE					A
	M82	L HF COMMUNICATIONS CONTROL PANEL									
(LT PL)	D733	1	LP3	2	---	LIGHT PLATE					A
	M83	R HF COMMUNICATIONS CONTROL PANEL									
(LT PL)	D737	1	LR3	2	---	LIGHT PLATE					A
	M111(YDG)	ENTERTAINMENT PNL									
(LT PL)	D1655	1	LR1	2	---	LIGHT PLATE					A
S1	---	13	15	ON	---	VIDEO POWER	23-32-01	1			
	M1619	FWD CARGO TEMP CONTROL									
(LT PL)	D13534	1	LT2	2	---	LIGHT PLATE					A
S1	---	13	15	ON	---	FWD CAR. FAULT	21-61-81	1			
	M1798	HF/SAT AUDIO XFER & SAT/CALL RST PNL									
(LT PL)	D2695	1	LP2	2	---	LIGHT PLATE					A
	M10023	WINDSHIELD WIPER/RAIN REPELLANT CONTROL PANEL									
(LT PL)	D884	1	LR1	2	---	LIGHT PLATE					A
	M10054	FUEL QUANTITY PANEL									
(LT PL)	D3896	1	LS2	2	---	LIGHT PLATE					A
	M10055(YCL)	FUEL MANAGEMENT PANEL									
(LT PL)	D1374	1	LS6	2	---	LIGHT PLATE					A
S1	---	13	15	ON	---	R PUMP - AFT	28-22-01	2			
S2	---	13	15	ON	---	L PUMP - FWD	28-22-01	1			
S3	---	13	15	ON	---	C PUMP - RIGHT	28-22-01	3			
S4	---	13	15	ON	---	L PUMP - AFT	28-22-01	1			
S5	---	13	15	ON	---	R PUMP - FWD	28-22-01	2			
S6	---	13	15	ON	---	C PUMP - LEFT	28-22-01	3			
S7	---	13	15	(OPEN)	---	FUEL CROSSFEED VALVE	28-22-01	4			
	M10056(YCW)	LEFT LIGHTING CONTROL PANEL									
(LT PL)	D840	1	LS4	2	---	LIGHT PLATE					A
S3	---	13	15	ON	---	LT OVRD	33-11-01	1			
	M10057(YCX)	RIGHT OVERHEAD LIGHTING CONTROL PANEL									
(LT PL)	D860	1	LS4	2	---	LIGHT PLATE					A
	M10062(YDI)	STANDBY POWER PANEL									
(LT PL)	D10216	1	LV2	2	---	LIGHT PLATE					A
S2	---	13	15	ON	---	BAT	24-33-01	1			

PNL	LIGHT/ SW/ IND	PILOTS OVERHEAD AND RIGHT SIDE PANEL LIGHTS				SYSTEM	SCHEM	S	C	K	T
		CONN	POWER	GND	SWITCH						
P5	M10063(YDJ)	ELECTRICAL SYSTEMS PANEL									
(LT PL)	D1382	1	LV3	2	---	LIGHT PLATE					A
S3	---	13	15	ON	---	L GEN CONT	24-20-01	1			
S4	---	13	15	ON	---	R GEN CONT	24-20-02	1			
S7	---	13	15	ON	---	L UTILITY BUS	24-51-01	3			
S8	---	13	15	ON	---	R UTILITY BUS	24-51-02	3			
S9	---	13	15	AUTO	---	L TIE BUS	24-20-01	1			
S10	---	13	15	AUTO	---	R TIE BUS	24-20-02	1			
S11	---	13	15	ON	---	APU GEN	24-20-03	1			
	M10078	COMPARTMENT TEMPERATURE PANEL									
(LT PL)	D1358	1	LT2	2	---	LIGHT PLATE					A
	M10250(YAL)	YAW DAMPER PANEL									
(LT PL)	D723	1	LP2	2	---	LIGHT PLATE					A
S1	---	13	15	ON	---	L YAW DAMPER	22-21-01	1			
S2	---	13	15	ON	---	R YAW DAMPER	22-21-02	1			
	M10395(YDM)	WINDOW HEAT CONTROL PANEL									
(LT PL)	D876	1	LT1	2	---	LIGHT PLATE					A
S1	---	13	15	ON	---	R SIDE WINDOW HEAT	30-41-01	1			
S2	---	13	15	ON	---	R FWD WINDOW HEAT	30-41-02	1			
S3	---	13	15	ON	---	L FWD WINDOW HEAT	30-41-01	1			
S4	---	13	15	ON	---	L SIDE WINDOW HEAT	30-41-02	1			
	M10397(YDN)	WING AND ENGINE ANTI-ICE CONTROL PANEL									
(LT PL)	D890	1	LV2	2	---	LIGHT PLATE					A
S1	---	13	15	ON	---	L ENG ANTI-ICE VALVE	30-21-01	1			
S2	---	13	15	ON	---	R ENG ANTI-ICE VALVE	30-21-01	1			
S3	---	13	15	ON	---	WING ANTI-ICE VALVE	30-11-01	1			
	M10761(YHW)	EEC CONTROL MODULE									
(LT PL)	D2083	1	LV2	2	---	LIGHTPLATE					A
S1	---	13	15	ON	---	L EEC CONT	73-21-01	1			
S2	---	13	15	ON	---	R EEC CONT	73-21-01	1			
	P61	M98 FIRST OBSERVERS AUDIO SELECT PANEL									
(LT PL)	D551	1	LE2	2	---	LIGHT PLATE					A
	M1129	RIGHT SIDE OBSERVERS LIGHTING CONTROL PANEL									
(LT PL)	D10396	1	LE3	2	---	LIGHT PLATE					A
	M1254	CONTROL DISPLAY UNIT									
(LT PL)	D1833	F-	LE2	G-	---	LIGHT PLATE					A

**INSTRUMENT AND PANEL LIGHTS**

Incorporates  
25-0325 R07





NOTES:  
 1 SWITCH INTERNALS ARE NOT PART OF PANEL LIGHTS AND ARE SHOWN FOR REFERENCE ONLY.

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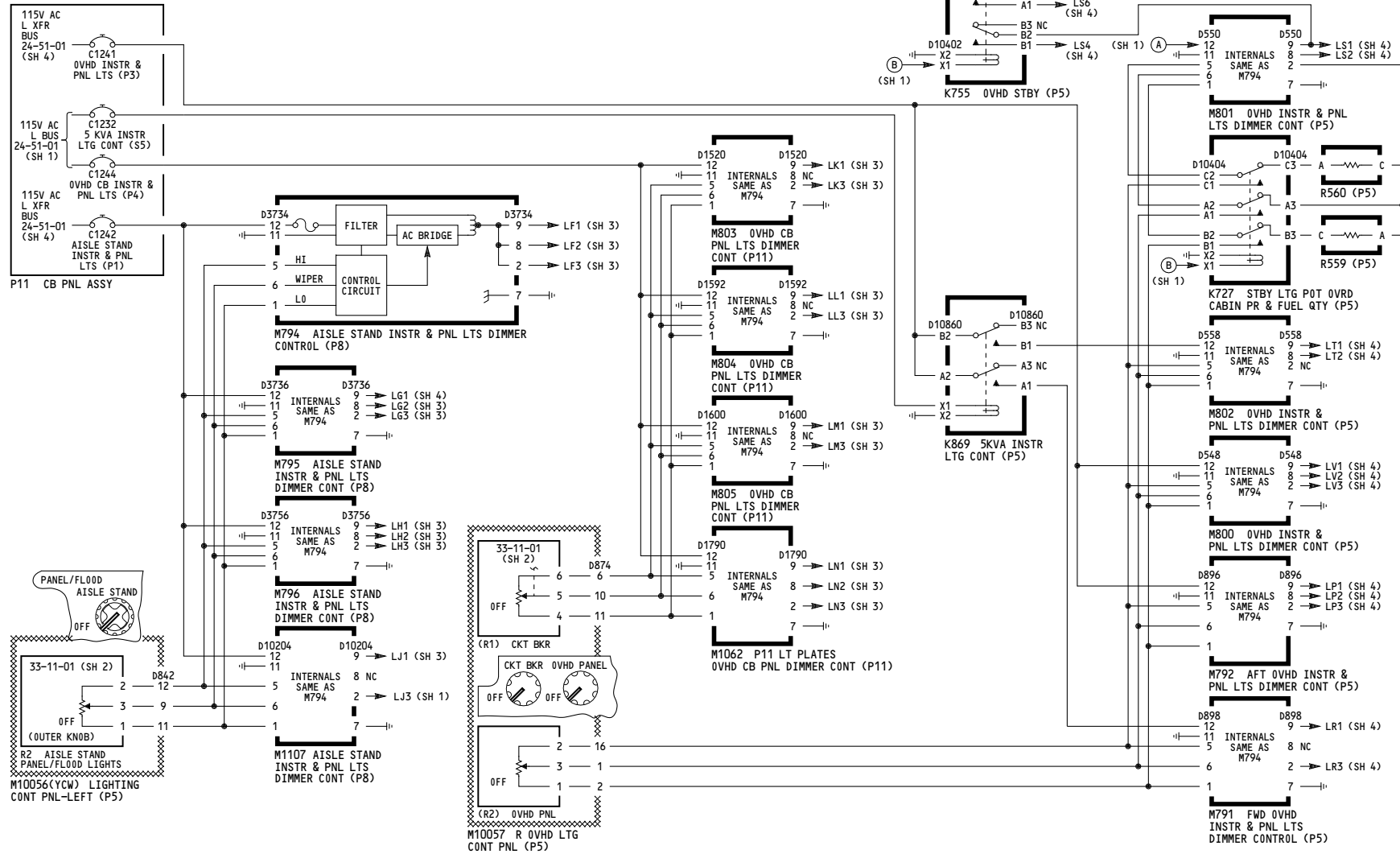
**INSTRUMENT AND PANEL LIGHTS**

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**INSTRUMENT AND PANEL LIGHTS**

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FORWARD PANEL INSTRUMENT AND PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H T	C K T
			PIN	REF PT						
—	N99	D642	=A1	LC1	=C1	—	PILOT STBY MAGNETIC COMPASS	—	—	C
P1-1	L481 N1 N3 N126 N128 S2 S3 S4 S482	D101 D645 D1819 D1839	=P =P =P =P	LD2 LD6 LD2 LD2	=G =G =G =G	—	CAPT INSTR SOURCE SEL LT PL CAPT MACH AIRSPEED INDICATOR L RADIO DIST MAG INDICATOR L METRIC ALT (PROV) L METRIC SEL ALT DISPLAY (PROV) L FMC INSTR SOURCE SEL SW L EFI INSTR SOURCE SEL SW L IRS INSTR SOURCE SEL SW CAPT ADC INSTR SOURCE SEL SW	— — — — — 34-22-09 34-22-09 34-22-09 34-12-01	1 1 1 1 1 1 1 1 1 1	A A A A A A A A A A
M9053 CAPTAINS EGPWS SW PNL										
—	L9009	D9131P	22	LD2	23	—	LIGHT PLATE	33-13-11	2	A
P1-3	L494 L609 L662 N2 N8 N9 N20 N22 N23 N70 N10016 S547	D10886 D111 D113 D216 D218 D220 D1363 D10122 S547	=P =P =P =P =P =P =P =P =P	LC5 LD1 LC5 LD1 LD1 LC1 LC1 LD1 LD6 LD1	=G =G =G =G =G =G =G =G =G =G	—	AUTO BRAKES LIGHT PLATE RESERVE BKS & STRG LIGHT PL CAUTION CANCEL/RCL LIGHT PL CAPTAINS CLOCK CAPTAINS ALTIMETER L VERTICAL SPEED INDICATOR STANDBY ATTITUDE/ILS IND STANDBY AIRSPEED INDICATOR STANDBY ALTIMETER INDICATOR CAPT AUTOLAND STATUS ANN STANDBY ENGINE INDICATOR RESERVE BKS & STRG SEL SW	— — — — — — — — — — 29-00-04	1 1 1 1 1 1 1 1 1 1 1 1	B B B B B B B B B B B B
P3-1	L491 L698 M10258 N10 N15 N41 N43 N71 S601 S602 S605 S604	D1669 D238 D240 D711 D647 D1365	=P =P =P =P =P =P =P	LC4 LC4 LC4 LA2 LA2 LA2 LA2 LA2 LC4 LC4 LC5 LC5	=G =G =G =G =G =G =G =G =G =G =G =G =G	—	GEAR LEVER LIGHT PLATE HSI HDG REFERENCE LIGHT PLATE THRUST MODE SELECT PANEL BRAKE PRESSURE INDICATOR FLAPS POSITION INDICATOR F/O MACH AIRSPEED IND (PROV) R RADIO DIST MAG INDICATOR F/O AUTOLAND STATUS ANN ALTN TE FLAPS ARM SWITCH ALTN LE FLAPS ARM SWITCH OVRD GND PROX CONFIG SW OVRD GND PROX/CONFIG GEAR OVRD SW	— — — — — — — — — 27-51-04 27-81-03 34-4-01 31-51-05	1 1 1 1 1 1 1 1 1 1 1 1 1 1	A A A A A A A A A A A A A
M9054 F/O EGPWS SW PNL										
—	L9010	D9124P	22	LA2	23	—	LIGHT PLATE	33-13-13	1	A
P3-3	L489 N42 N48 N49 N127 N129 S10 S11 S12 S483	D719 D715 D717 D1821 D1843	=P =P =P =P =P	LA1 LA1 LA1 LA1 LA1	=G =G =G =G =G	—	F/O INSTR SOURCE SEL LIGHT PL F/O CLOCK F/O ALTIMETER R VERTICAL SPEED INDICATOR R METRIC ALT (PROV) R METRIC SEL ALT DISPLAY (PROV) R FMC INSTR SOURCE SEL SW R EFI INSTR SOURCE SEL SW R IRS INSTR SOURCE SEL SW F/O ADC INSTR SOURCE SEL SW	— — — — — — 34-22-09 34-22-09 34-22-09 34-12-01	1 1 1 1 1 1 1 1 1 1 1 1	B B B B B B B B B B B B
P7	L482 L483	—	=P =P	LB7 LB5	=G =G	—	CAPT LIGHTING CONTROL LT PL F/O LIGHTING CONTROL LT PL	— —	— —	B B
P13	M901 CAPTAINS HEATER CONTROL PANEL									
(LT PL)	D3780	1	LD2	2	—	—	LIGHT PLATE	—	—	A
P14	M902 F/O HEATER CONTROL PANEL									
(LT PL)	D3762	1	LA3	2	—	—	LIGHT PLATE	—	—	A
P55	M90 AFCS MODE CONTROL PANEL									
(LT PL)	D479	1	LB6	2	—	—	LIGHT PLATE	—	—	A
M91 L VOR CONTROL PANEL										
(LT PL)	D869	1	LB1	2	—	—	LIGHT PLATE	—	—	A
M92 R VOR CONTROL PANEL										
(LT PL)	D871	1	LB5	2	—	—	LIGHT PLATE	—	—	A

CONTROL STAND INSTRUMENT AND PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H T	C K T
			PIN	REF PT						
P8	M70 CAPTAINS AUDIO SELECT PANEL									
(LT PL)	D257	1	LJ6	2	—	—	LIGHT PLATE	—	—	A
M71 FIRST OFFICER AUDIO SELECT PANEL										
(LT PL)	D259	1	LH1	2	—	—	LIGHT PLATE	—	—	A
M74 AILERON RUDDER TRIM CONTROL PANEL										
(LT PL)	D1830	1	LG2	2	—	—	LIGHT PLATE	—	—	A
N83 D1832 1 LG2 2 — RUDDER TRIM INDICATOR										
M75 WEATHER RADAR CONTROL PANEL										
(LT PL)	D395	P	LJ1	E	—	—	LIGHT PLATE	—	—	A
M78 L VHF COMMUNICATIONS CONTROL PANEL										
(LT PL)	D407	1	LJ6	2	—	—	LIGHT PLATE	—	—	A
M79 R VHF COMMUNICATIONS CONTROL PANEL										
(LT PL)	D409	1	LH1	2	—	—	LIGHT PLATE	—	—	A
M80 CENTER VHF COMMUNICATIONS CONTROL PANEL										
(LT PL)	D411	1	LG3	2	—	—	LIGHT PLATE	—	—	A
M81 DUAL AIR TRAFFIC CONTROL PANEL										
(LT PL)	D303	1	LG2	2	—	—	LIGHT PLATE	—	—	A
M87 ILS CONTROL PANEL										
(LT PL)	D603	1	LJ6	2	—	—	LIGHT PLATE	—	—	A
M939 ACARS PRINTER (PROVISIONS)										
(LT PL)	D637	1	LG2	2	—	—	LIGHT PLATE	—	—	A
M1046 DUAL ADF CONTROL PANEL										
(LT PL)	D1629	1	LJ6	2	—	—	LIGHT PLATE	—	—	A
M1169 MULT-INPUT PRINTER										
(LT PL)	D1729	M	LG3	E-	—	—	LIGHT PLATE	—	—	A
M9048 ACARS VOICE/DATA SELECT										
(LT PL)	D9090	1	LJ1	2	—	—	LIGHT PLATE	—	—	A
M10444(YD0) APU/CARGO FIRE CONTROL PANEL										
(LT PL)	D864	1	LH2	2	—	—	LIGHT PLATE	—	—	A
S1	—	13	15	ARMED	—	—	FWD CARGO FIRE SWITCH	26-23-01	1	B
S2	—	13	15	ARMED	—	—	AFT CARGO FIRE SWITCH	26-23-01	1	B
M10445 FIRE/OVERHEAT TEST PANEL										
(LT PL)	D10104	1	LJ1	2	—	—	LIGHT PLATE	—	—	A
P9	M76 L FMC CONTROL DISPLAY UNIT									
(LT PL)	D465	28	LF2	29	—	—	LIGHT PLATE	—	—	A
M77 R FMC CONTROL DISPLAY UNIT										
(LT PL)	D467	28	LH2	29	—	—	LIGHT PLATE	—	—	A
M10195 EICAS DISPLAY SELECT PANEL										
(LT PL)	D209	40	LF1	41	—	—	LIGHT PLATE	—	—	A

INSTRUMENT AND PANEL LIGHTS										
PANEL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H T	C K T
			PIN	REF PT						
P10	L496 L576 L577 L604 M68 M69	—	=P =P =P =P	LG3 LF3 LF3 LF3	=G =G =G =G	—	STAB. TRIM C/O CONT LT PL FLAP SETTING LT PL SPEED BRAKE LT PL FUEL CONTROL LT PL CAPT STAB. POSITION IND F/O STAB. POSITION IND	— — — — — —	— — — — — —	B B B B B B
M93 RIGHT EFIS CONTROL PANEL										
(LT PL)	D471	1	LH3	2	—	—	LIGHT PLATE	—	—	A
M94 LEFT EFIS CONTROL PANEL										
(LT PL)	D469	1	LF3	2	—	—	LIGHT PLATE	—	—	A
P11-3	L499 L500 L501 L502 L503 L504 L505	—	=P =P =P =P =P =P	LM1 LM1 LM1 LM1 LM1 LM1	=G =G =G =G =G =G	—	ROW 1 L LIGHT PLATE ROW 2 L LIGHT PLATE ROW 3 L LIGHT PLATE ROW 4 L LIGHT PLATE ROW 5 L LIGHT PLATE ROW 6 L LIGHT PLATE ROW 7 L LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-2	L506 L507 L508 L509 L510 L511 L512	—	=P =P =P =P =P =P	LL1 LL1 LL1 LL1 LL1 LN2 LN2	=G =G =G =G =G =G =G	—	ROW 8 L LIGHT PLATE ROW 9 L LIGHT PLATE ROW 10 L LIGHT PLATE ROW 11 L LIGHT PLATE ROW 12 L LIGHT PLATE ROW 13 L LIGHT PLATE ROW 14 L LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-1	L513 L514 L515 L516 L517 L518 L519	—	=P =P =P =P =P =P	LK1 LK1 LK1 LK1 LN3 LN3	=G =G =G =G =G =G	—	ROW 15 L LIGHT PLATE ROW 16 L LIGHT PLATE ROW 17 L LIGHT PLATE ROW 18 L LIGHT PLATE ROW 19 L LIGHT PLATE ROW 20 L LIGHT PLATE ROW 21 L LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-6	L520 L521 L522 L523 L524 L525 L526	—	=P =P =P =P =P =P	LM3 LM3 LM3 LM3 LN1 LN1	=G =G =G =G =G =G	—	ROW 1 R LIGHT PLATE ROW 2 R LIGHT PLATE ROW 3 R LIGHT PLATE ROW 4 R LIGHT PLATE ROW 5 R LIGHT PLATE ROW 6 R LIGHT PLATE ROW 7 R LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-5	L527 L528 L529 L530 L531 L532 L533	—	=P =P =P =P =P =P	LL3 LL3 LL3 LL3 LN2 LN2	=G =G =G =G =G =G	—	ROW 8 R LIGHT PLATE ROW 9 R LIGHT PLATE ROW 10 R LIGHT PLATE ROW 11 R LIGHT PLATE ROW 12 R LIGHT PLATE ROW 13 R LIGHT PLATE ROW 14 R LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-4	L534 L535 L536 L537 L538 L539 L540	—	=P =P =P =P =P =P	LK3 LK3 LK3 LK3 LN3 LN3	=G =G =G =G =G =G	—	ROW 15 R LIGHT PLATE ROW 16 R LIGHT PLATE ROW 17 R LIGHT PLATE ROW 18 R LIGHT PLATE ROW 19 R LIGHT PLATE ROW 20 R LIGHT PLATE ROW 21 R LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B

**INSTRUMENT AND PANEL LIGHTS**

 Incorporates  
 ▶ MTO-230607  
 ▶ MTO-340961

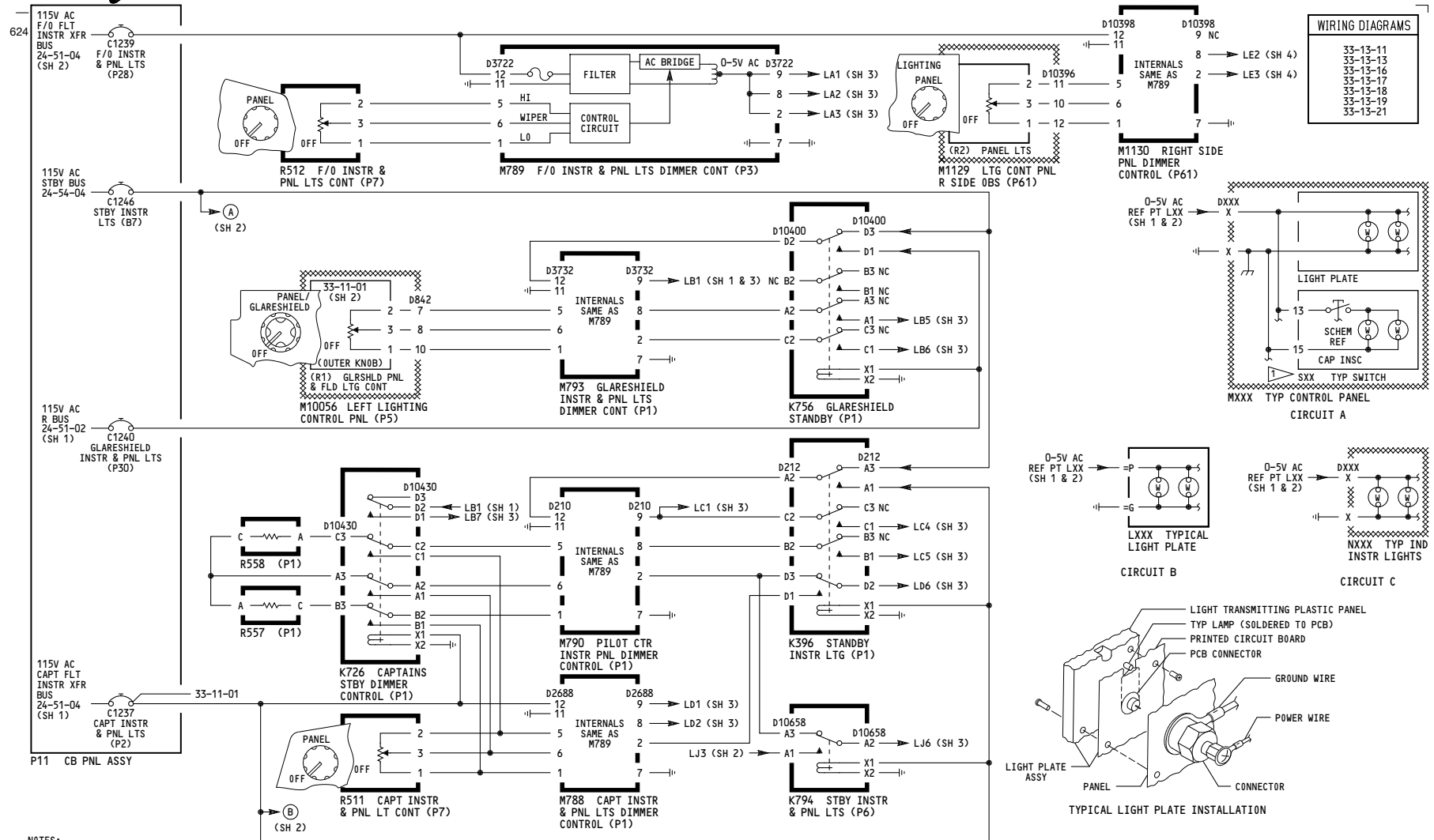
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PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H K T
		PIN	REF	PT	PIN					
P5	M1	APU CONTROL PANEL								
(LT PL)	D1394	1	LV2	2	—	—	—	LIGHT PLATE	—	-A
	M10(YC)	HYDRALICS SYSTEMS CONTROL PANEL								
(LT PL)	D1312	1	LV1	2	—	—	—	LIGHT PLATE	—	-A
S1	—	13	15	ON	—	—	—	L ENG PRIMARY PUMP	29-00-02 1	—
S2	—	13	15	ON	—	—	—	C ELEC 1 PRIMARY PUMP	29-00-04 1	—
S3	—	13	15	ON	—	—	—	C ELEC 2 PRIMARY PUMP	29-00-04 3	—
S4	—	13	15	ON	—	—	—	R ENG PRIMARY PUMP	29-00-03 1	—
	M13	CABIN PRESSURE SELECT PANEL								
(LT PL)	D1324	1	LS1	2	—	—	—	LIGHT PLATE	—	-A
N1	—	1	2	—	—	—	—	VALVE POSITION IND	—	—
N2	—	1	2	—	—	—	—	LDG ALTITUDE	—	—
	M14(YBF)	TEMPERATURE CONTROL PANEL								
(LT PL)	D1302	1	LV2	2	—	—	—	LIGHT PLATE	—	-A
N1	—	13	15	ON	—	—	—	TEMP CONT VALVE POS	21-60-01 1	—
S2	—	13	15	ON	—	—	—	TRIM AIR	21-25-01 1	—
S3	—	13	15	ON	—	—	—	L RECIRC FAN	21-25-02 1	—
	M15(YC2)	BLEED AIR SUPPLY PANEL								
(LT PL)	D1348	1	LP1	2	—	—	—	LIGHT PLATE	—	-A
S1	—	13	15	(OPEN)	—	—	—	L ISLN VALVE	36-11-01 1	—
S2	—	13	15	(OPEN)	—	—	—	C ISLN VALVE	36-11-03 1	—
S3	—	13	15	(OPEN)	—	—	—	R ISLN VALVE	36-11-02 1	—
S4	—	13	15	(ON)	—	—	—	L ENG VALVE	36-11-05 1	—
S5	—	13	15	(OPEN)	—	—	—	APU VALVE	36-11-04 2	—
S6	—	13	15	(ON)	—	—	—	R ENG VALVE	36-11-06 2	—
	N122	D3892	1	LP1	2	—	—	DUAL DUCT PRESSURE IND	—	-C
	M17	EQUIPMENT COOLING CONTROL PANEL								
(LT PL)	D1366	1	LS6	2	—	—	—	LIGHT PLATE	—	-A
	M19	CABIN PRESSURE GAUGES PANEL								
(LT PL)	D1776	1	LS1	2	—	—	—	LIGHT PLATE	—	-A
	M29(YDB)	CARGO HEAT CONTROL PANEL								
(LT PL)	D3842	1	LP3	2	—	—	—	LIGHT PLATE	—	-A
S1	—	13	15	ON	—	—	—	FWD CARGO HEAT	21-43-01 1	—
S2	—	13	15	ON	—	—	—	AFT CARGO HEAT	21-44-01 1	—
S3	—	13	15	ON	—	—	—	BULK CARGO HEAT	21-44-02 1	—
	M43	EMERGENCY LIGHTS CONTROL PANEL								
(LT PL)	D838	1	LP2	2	—	—	—	LIGHT PLATE	—	-A
	M49	ENGINE IGNITION AND START CONTROL PANEL								
(LT PL)	D848	1	LP3	2	—	—	—	LIGHT PLATE	—	-A
	M50	VOICE RECORDER CONTROL PANEL								
(LT PL)	D731	Y	LR3	2	—	—	—	LIGHT PLATE	—	-A
	M51	PILOTS CALL PANEL								
(LT PL)	D735	1	LP2	2	—	—	—	LIGHT PLATE	—	-A
	M52	PASSENGER SIGNS CONTROL PANEL								
(LT PL)	D854	1	LT1	2	—	—	—	LIGHT PLATE	—	-A

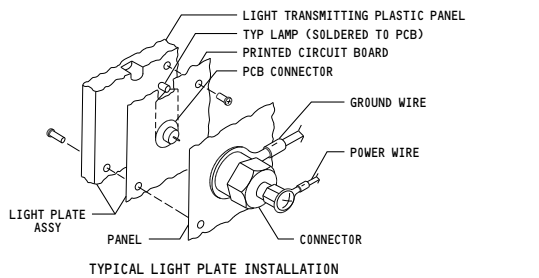
PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H K T
		PIN	REF	PT	PIN					
P5	M56(YCT)	ANTI-COLLISION AND LANDING LIGHT CONTROL								
(LT PL)	D856	1	LR1	2	—	—	—	LIGHT PLATE	—	-A
S1	—	13	15	ON	—	—	—	POSITION LIGHTS	33-43-01 1	—
S5	—	13	15	ON	—	—	—	WHITE ANTI-COLLISION	33-44-01 1	—
S6	—	13	15	ON	—	—	—	WING LIGHTS	33-41-01 1	—
S7	—	13	15	ON	—	—	—	RED ANTI-COLLISION LTS	33-44-01 1	—
	M59	INERTIAL REFERENCE MODE PANEL								
(LT PL)	D739	1	LP1	2	—	—	—	LIGHT PLATE	—	-A
D741	—	1	LP1	2	—	—	—	(INPUTS COMMONED)	—	—
D743	—	1	LP1	2	—	—	—	—	—	—
	M61	EMERGENCY EVACUATION CONTROL PANEL								
(LT PL)	D636	1	LP3	2	—	—	—	LIGHT PLATE	—	-A
	M82	L HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D733	1	LP3	2	—	—	—	LIGHT PLATE	—	-A
	M83	R HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D737	1	LR3	2	—	—	—	LIGHT PLATE	—	-A
	M111(YDG)	ENTERTAINMENT PNL								
(LT PL)	D1655	1	LR1	2	—	—	—	LIGHT PLATE	—	-A
S1	—	13	15	ON	—	—	—	VIDEO POWER	23-32-01 1	—
	M1619	FWD CARGO TEMP CONTROL								
(LT PL)	D1354	1	LT2	2	—	—	—	LIGHT PLATE	—	-A
S1	—	13	15	ON	—	—	—	FWD CAR. FAULT	21-61-81 1	—
	M1798	HF/SAT AUDIO XFER & SAT/CALL RST PNL								
(LT PL)	D2695	1	LP2	2	—	—	—	LIGHT PLATE	23-25-02 1	-A
	M10023	WINDSHIELD WIPER/RAIN REPELLANT CONTROL PANEL								
(LT PL)	D884	1	LR1	2	—	—	—	LIGHT PLATE	—	-A
	M10054	FUEL QUANTITY PANEL								
(LT PL)	D3896	1	LS2	2	—	—	—	LIGHT PLATE	—	-A
	M10055(YCL)	FUEL MANAGEMENT PANEL								
(LT PL)	D1374	1	LS6	2	—	—	—	LIGHT PLATE	—	-A
S1	—	13	15	ON	—	—	—	R PUMP - AFT	28-22-01 2	—
S2	—	13	15	ON	—	—	—	L PUMP - FWD	28-22-01 1	—
S3	—	13	15	ON	—	—	—	C PUMP - RIGHT	28-22-01 3	—
S4	—	13	15	ON	—	—	—	L PUMP - AFT	28-22-01 1	—
S5	—	13	15	ON	—	—	—	R PUMP - FWD	28-22-01 2	—
S6	—	13	15	ON	—	—	—	C PUMP - LEFT	28-22-01 3	—
S7	—	13	15	(OPEN)	—	—	—	FUEL CROSSFEED VALVE	28-22-01 4	—
	M10056(YCW)	LEFT LIGHTING CONTROL PANEL								
(LT PL)	D840	1	LS4	2	—	—	—	LIGHT PLATE	—	-A
S3	—	13	15	ON	—	—	—	LT OVRD	33-11-01 1	—
	M10057(YCX)	RIGHT OVERHEAD LIGHTING CONTROL PANEL								
(LT PL)	D860	1	LS4	2	—	—	—	LIGHT PLATE	—	-A
	M10062(YDI)	STANDBY POWER PANEL								
(LT PL)	D10216	1	LV2	2	—	—	—	LIGHT PLATE	—	-A
S2	—	13	15	ON	—	—	—	BAT	24-33-01 1	—

PILOTS OVERHEAD AND RIGHT SIDE PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H K T
		PIN	REF	PT	PIN					
P5	M10063(YDJ)	ELECTRICAL SYSTEMS PANEL								
(LT PL)	D1382	1	LV3	2	—	—	—	LIGHT PLATE	—	-A
S3	—	13	15	ON	—	—	—	L GEN CONT	24-20-01 1	—
S4	—	13	15	ON	—	—	—	R GEN CONT	24-20-02 1	—
S7	—	13	15	ON	—	—	—	L UTILITY BUS	24-51-01 3	—
S8	—	13	15	ON	—	—	—	R UTILITY BUS	24-51-02 3	—
S9	—	13	15	AUTO	—	—	—	L TIE BUS	24-20-01 1	—
S10	—	13	15	AUTO	—	—	—	R TIE BUS	24-20-02 1	—
S11	—	13	15	ON	—	—	—	APU GEN	24-20-03 1	—
	M10078	COMPARTMENT TEMPERATURE PANEL								
(LT PL)	D1358	1	LT2	2	—	—	—	LIGHT PLATE	—	-A
	M10250(YAL)	YAW DAMPER PANEL								
(LT PL)	D723	1	LP2	2	—	—	—	LIGHT PLATE	—	-A
S1	—	13	15	ON	—	—	—	L YAW DAMPER	22-21-01 1	—
S2	—	13	15	ON	—	—	—	R YAW DAMPER	22-21-02 1	—
	M10395(YDM)	WINDOW HEAT CONTROL PANEL								
(LT PL)	D876	1	LT1	2	—	—	—	LIGHT PLATE	—	-A
S1	—	13	15	ON	—	—	—	R SIDE WINDOW HEAT	30-41-01 1	—
S2	—	13	15	ON	—	—	—	R FWD WINDOW HEAT	30-41-02 1	—
S3	—	13	15	ON	—	—	—	L FWD WINDOW HEAT	30-41-01 1	—
S4	—	13	15	ON	—	—	—	L SIDE WINDOW HEAT	30-41-02 1	—
	M10397(YDN)	WING AND ENGINE ANTI-ICE CONTROL PANEL								
(LT PL)	D890	1	LV2	2	—	—	—	LIGHT PLATE	—	-A
S1	—	13	15	ON	—	—	—	L ENG ANTI-ICE VALVE	30-21-01 1	—
S2	—	13	15	ON	—	—	—	R ENG ANTI-ICE VALVE	30-21-01 1	—
S3	—	13	15	ON	—	—	—	WING ANTI-ICE VALVE	30-11-01 1	—
	M10761(YHW)	EEC CONTROL MODULE								
(LT PL)	D2083	1	LV2	2	—	—	—	LIGHTPLATE	—	-A
S1	—	13	15	ON	—	—	—	L EEC CONT	73-21-01 1	—
S2	—	13	15	ON	—	—	—	R EEC CONT	73-21-01 1	—
	M98	FIRST OBSERVERS AUDIO SELECT PANEL								
(LT PL)	D551	1	LE2	2	—	—	—	LIGHT PLATE	—	-A
	M1129	RIGHT SIDE OBSERVERS LIGHTING CONTROL PANEL								
(LT PL)	D10396	1	LE3	2	—	—	—	LIGHT PLATE	—	-A
	M1254	CONTROL DISPLAY UNIT								
(LT PL)	D1833	F-	LE2	G-	—	—	—	LIGHT PLATE	—	-A



WIRING DIAGRAMS	
33-13-11	
33-13-13	
33-13-16	
33-13-17	
33-13-18	
33-13-19	
33-13-21	

NOTES:  
 1 SWITCH INTERNALS ARE NOT PART OF PANEL LIGHTS AND ARE SHOWN FOR REFERENCE ONLY.

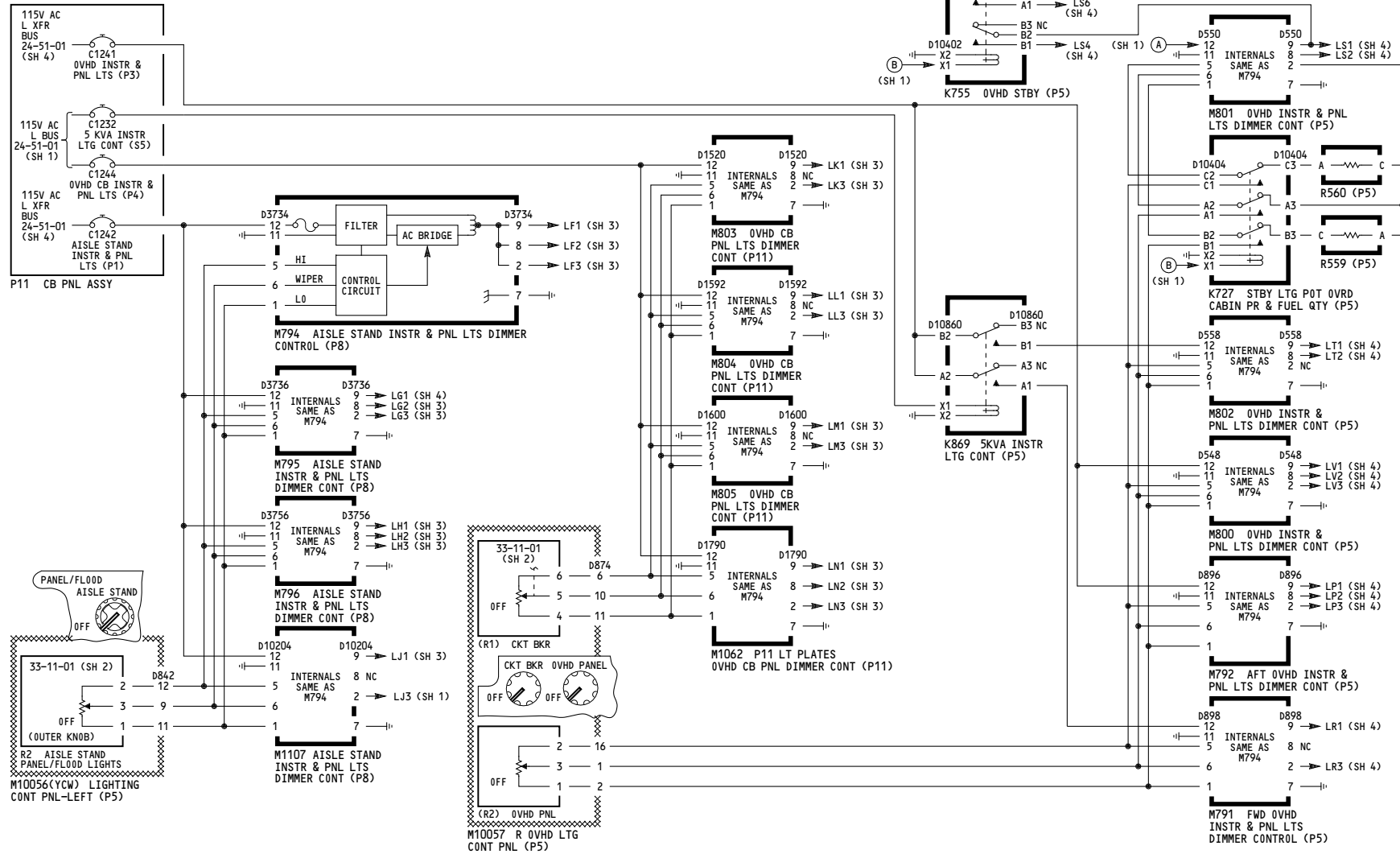


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**INSTRUMENT AND PANEL LIGHTS**

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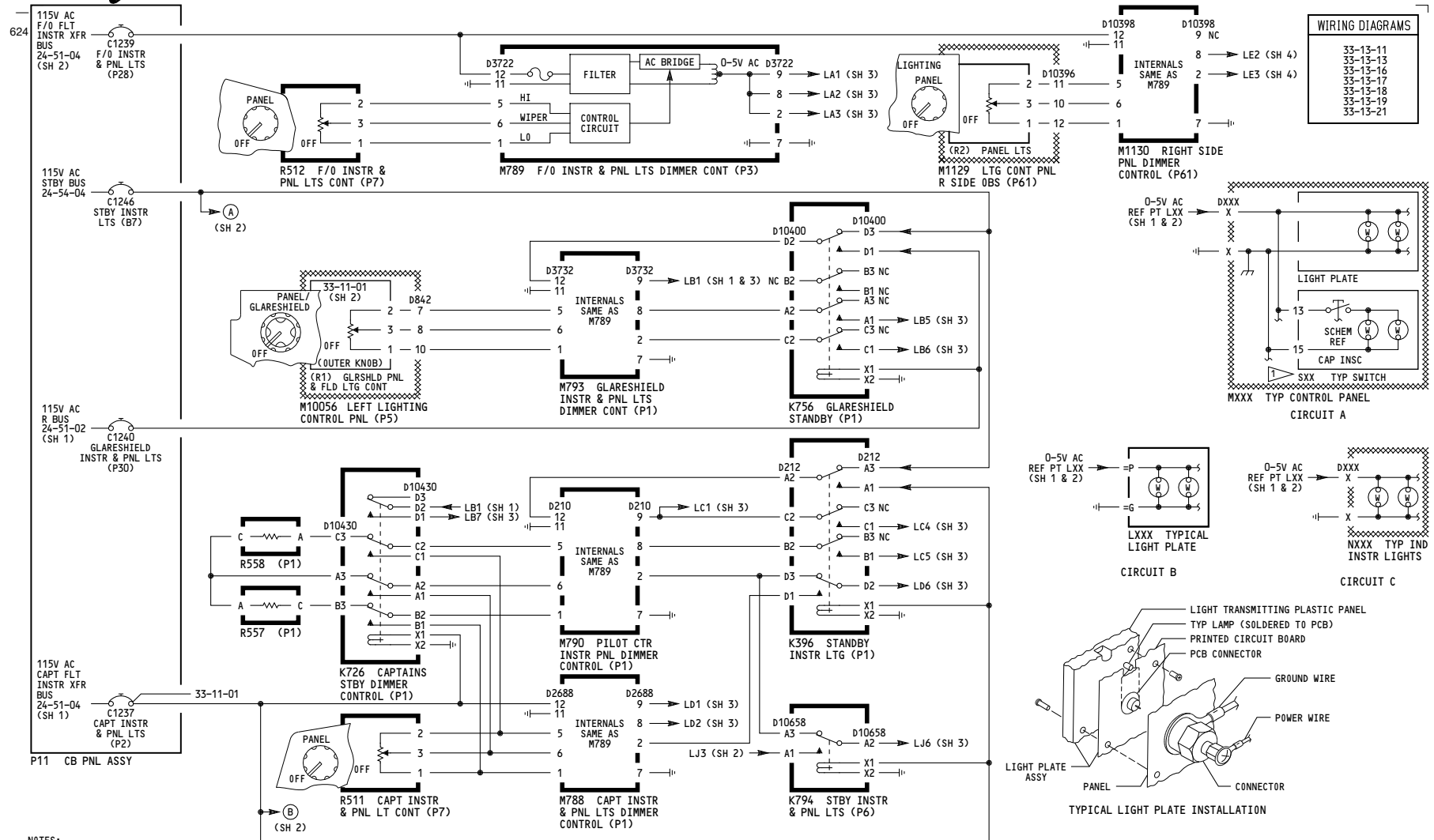


PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER	GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H	C K T
		PIN	REF PT							
P5	M1	APU CONTROL PANEL								
(LT PL)	D1394	1	LV2	2	---	---	LIGHT PLATE	---	---	A
	M10(YC)	HYDRAULICS SYSTEMS CONTROL PANEL								
(LT PL)	D1312	1	LV1	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	---	L ENG PRIMARY PUMP	29-00-02	1	---
S2	---	13	15	ON	---	---	C ELEC 1 PRIMARY PUMP	29-00-04	1	---
S3	---	13	15	ON	---	---	C ELEC 2 PRIMARY PUMP	29-00-04	3	---
S4	---	13	15	ON	---	---	R ENG PRIMARY PUMP	29-00-03	1	---
	M13	CABIN PRESSURE SELECT PANEL								
(LT PL)	D1324	1	LS1	2	---	---	LIGHT PLATE	---	---	A
N1	---	1	2	---	---	---	VALVE POSITION IND	---	---	---
N2	---	1	2	---	---	---	LDG ALTITUDE	---	---	---
	M14(YBF)	TEMPERATURE CONTROL PANEL								
(LT PL)	D1302	1	LV2	2	---	---	LIGHT PLATE	---	---	A
N1	---	1	2	---	---	---	TEMP CONT VALVE POS	---	---	---
S1	---	13	15	ON	---	---	TRIM AIR	21-60-01	1	---
S2	---	13	15	ON	---	---	L RECIRC FAN	21-25-01	1	---
S3	---	13	15	ON	---	---	R RECIRC FAN	21-25-02	1	---
	M15(YC2)	BLEED AIR SUPPLY PANEL								
(LT PL)	D1348	1	LP1	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	(OPEN)	---	---	L ISLN VALVE	36-11-01	1	---
S2	---	13	15	(OPEN)	---	---	C ISLN VALVE	36-11-03	1	---
S3	---	13	15	(OPEN)	---	---	R ISLN VALVE	36-11-02	1	---
S4	---	13	15	(ON)	---	---	L ENG VALVE	36-11-05	1	---
S5	---	13	15	(OPEN)	---	---	APU VALVE	36-11-04	2	---
S6	---	13	15	(ON)	---	---	R ENG VALVE	36-11-06	2	---
	N122	D3892	1	LP1	2	---	DUAL DUCT PRESSURE IND	---	---	C
	M17	EQUIPMENT COOLING CONTROL PANEL								
(LT PL)	D1366	1	LS6	2	---	---	LIGHT PLATE	---	---	A
	M19	CABIN PRESSURE GAUGES PANEL								
(LT PL)	D1776	1	LS1	2	---	---	LIGHT PLATE	---	---	A
	M29(YDB)	CARGO HEAT CONTROL PANEL								
(LT PL)	D3842	1	LP3	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	---	FWD CARGO HEAT	21-43-01	1	---
S2	---	13	15	ON	---	---	AFT CARGO HEAT	21-44-01	1	---
S3	---	13	15	ON	---	---	BULK CARGO HEAT	21-44-02	1	---
	M43	EMERGENCY LIGHTS CONTROL PANEL								
(LT PL)	D838	1	LP2	2	---	---	LIGHT PLATE	---	---	A
	M49	ENGINE IGNITION AND START CONTROL PANEL								
(LT PL)	D848	1	LP3	2	---	---	LIGHT PLATE	---	---	A
	M50	VOICE RECORDER CONTROL PANEL								
(LT PL)	D731	Y	LR3	2	---	---	LIGHT PLATE	---	---	A
	M51	PILOTS CALL PANEL								
(LT PL)	D735	1	LP2	2	---	---	LIGHT PLATE	---	---	A
	M52	PASSENGER SIGNS CONTROL PANEL								
(LT PL)	D854	1	LT1	2	---	---	LIGHT PLATE	---	---	A

PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER	GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H	C K T
		PIN	REF PT							
P5	M56(YCT)	ANTI-COLLISION AND LANDING LIGHT CONTROL								
(LT PL)	D856	1	LR1	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	---	POSITION LIGHTS	33-43-01	1	---
S5	---	13	15	ON	---	---	WHITE ANTI-COLLISION	33-44-01	1	---
S6	---	13	15	ON	---	---	WING LIGHTS	33-41-01	1	---
S7	---	13	15	ON	---	---	RED ANTI-COLLISION LTS	33-44-01	1	---
	M59	INERTIAL REFERENCE MODE PANEL								
(LT PL)	D739	1	LP1	2	---	---	LIGHT PLATE	---	---	A
D741	---	1	LP1	2	---	---	(INPUTS COMMONED)	---	---	---
D743	---	1	LP1	2	---	---	---	---	---	---
	M61	EMERGENCY EVACUATION CONTROL PANEL								
(LT PL)	D636	1	LP3	2	---	---	LIGHT PLATE	---	---	A
	M82	L HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D733	1	LP3	2	---	---	LIGHT PLATE	---	---	A
	M83	R HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D737	1	LR3	2	---	---	LIGHT PLATE	---	---	A
	M111(YDG)	ENTERTAINMENT PNL								
(LT PL)	D1655	1	LR1	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	---	VIDEO POWER	23-32-01	1	---
	M1619	FWD CARGO TEMP CONTROL								
(LT PL)	D13534	1	LT2	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	---	FWD CAR. FAULT	21-61-81	1	---
	M1798	HF/SAT AUDIO XFER & SAT/CALL RST PNL								
(LT PL)	D2695	1	LP2	2	---	---	LIGHT PLATE	---	---	A
	M10023	WINDSHIELD WIPER/RAIN REPELLANT CONTROL PANEL								
(LT PL)	D884	1	LR1	2	---	---	LIGHT PLATE	---	---	A
	M10054	FUEL QUANTITY PANEL								
(LT PL)	D3896	1	LS2	2	---	---	LIGHT PLATE	---	---	A
	M10055(YCL)	FUEL MANAGEMENT PANEL								
(LT PL)	D1374	1	LS6	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	---	R PUMP - AFT	28-22-01	2	---
S2	---	13	15	ON	---	---	L PUMP - FWD	28-22-01	1	---
S3	---	13	15	ON	---	---	C PUMP - RIGHT	28-22-01	3	---
S4	---	13	15	ON	---	---	L PUMP - AFT	28-22-01	1	---
S5	---	13	15	ON	---	---	R PUMP - FWD	28-22-01	2	---
S6	---	13	15	ON	---	---	C PUMP - LEFT	28-22-01	3	---
S7	---	13	15	(OPEN)	---	---	FUEL CROSSFEED VALVE	28-22-01	4	---
	M10056(YCW)	LEFT LIGHTING CONTROL PANEL								
(LT PL)	D840	1	LS4	2	---	---	LIGHT PLATE	---	---	A
S3	---	13	15	ON	---	---	LT OVRD	33-11-01	1	---
	M10057(YCX)	RIGHT OVERHEAD LIGHTING CONTROL PANEL								
(LT PL)	D860	1	LS4	2	---	---	LIGHT PLATE	---	---	A
	M10062(YDI)	STANDBY POWER PANEL								
(LT PL)	D10216	1	LV2	2	---	---	LIGHT PLATE	---	---	A
S2	---	13	15	ON	---	---	BAT	24-33-01	1	---

PILOTS OVERHEAD AND RIGHT SIDE PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER	GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H	C K T
		PIN	REF PT							
P5	M10063(YDJ)	ELECTRICAL SYSTEMS PANEL								
(LT PL)	D1382	1	LV3	2	---	---	LIGHT PLATE	---	---	A
S3	---	13	15	ON	---	---	L GEN CONT	24-20-01	1	---
S4	---	13	15	ON	---	---	R GEN CONT	24-20-02	1	---
S7	---	13	15	ON	---	---	L UTILITY BUS	24-51-01	3	---
S8	---	13	15	ON	---	---	R UTILITY BUS	24-51-02	3	---
S9	---	13	15	AUTO	---	---	L TIE BUS	24-20-01	1	---
S10	---	13	15	AUTO	---	---	R TIE BUS	24-20-02	1	---
S11	---	13	15	ON	---	---	APU GEN	24-20-03	1	---
	M10078	COMPARTMENT TEMPERATURE PANEL								
(LT PL)	D1358	1	LT2	2	---	---	LIGHT PLATE	---	---	A
	M10250(YAL)	YAW DAMPER PANEL								
(LT PL)	D723	1	LP2	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	---	L YAW DAMPER	22-21-01	1	---
S2	---	13	15	ON	---	---	R YAW DAMPER	22-21-02	1	---
	M10395(YDM)	WINDOW HEAT CONTROL PANEL								
(LT PL)	D876	1	LT1	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	---	R SIDE WINDOW HEAT	30-41-01	1	---
S2	---	13	15	ON	---	---	R FWD WINDOW HEAT	30-41-02	1	---
S3	---	13	15	ON	---	---	L FWD WINDOW HEAT	30-41-01	1	---
S4	---	13	15	ON	---	---	L SIDE WINDOW HEAT	30-41-02	1	---
	M10397(YDN)	WING AND ENGINE ANTI-ICE CONTROL PANEL								
(LT PL)	D890	1	LV2	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	---	L ENG ANTI-ICE VALVE	30-21-01	1	---
S2	---	13	15	ON	---	---	R ENG ANTI-ICE VALVE	30-21-01	1	---
S3	---	13	15	ON	---	---	WING ANTI-ICE VALVE	30-11-01	1	---
	M10761(YHW)	EEC CONTROL MODULE								
(LT PL)	D2083	1	LV2	2	---	---	LIGHTPLATE	---	---	A
S1	---	13	15	ON	---	---	L EEC CONT	73-21-01	1	---
S2	---	13	15	ON	---	---	R EEC CONT	73-21-01	1	---
	M98	FIRST OBSERVERS AUDIO SELECT PANEL								
(LT PL)	D551	1	LE2	2	---	---	LIGHT PLATE	---	---	A
	M1129	RIGHT SIDE OBSERVERS LIGHTING CONTROL PANEL								
(LT PL)	D10396	1	LE3	2	---	---	LIGHT PLATE	---	---	A
	M1254	CONTROL DISPLAY UNIT								
(LT PL)	D1833	F-	LE2	G-	---	---	LIGHT PLATE	---	---	A





WIRING DIAGRAMS	
33-13-11	
33-13-13	
33-13-16	
33-13-17	
33-13-18	
33-13-19	
33-13-21	

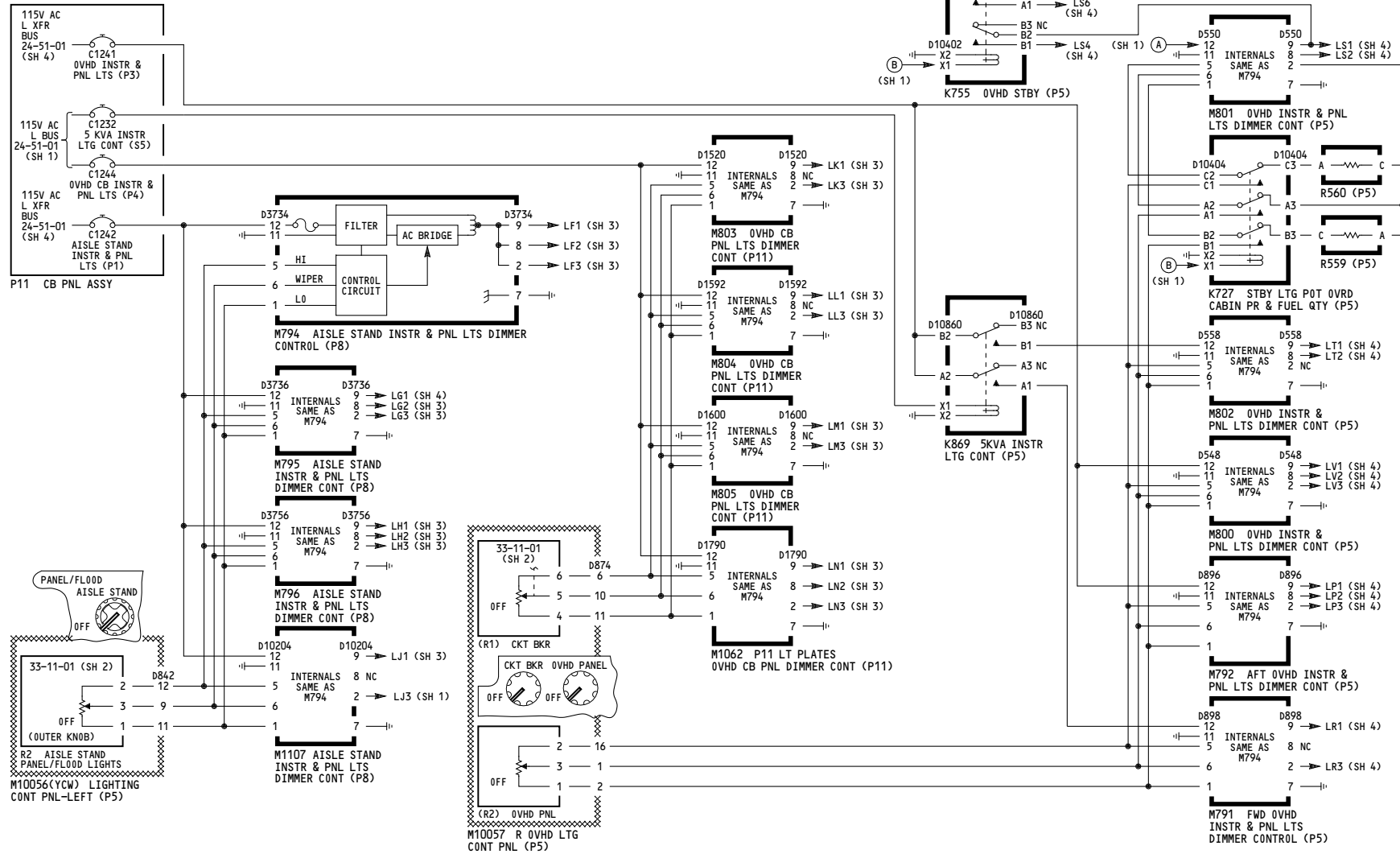
NOTES:  
 1 SWITCH INTERNALS ARE NOT PART OF PANEL LIGHTS AND ARE SHOWN FOR REFERENCE ONLY.

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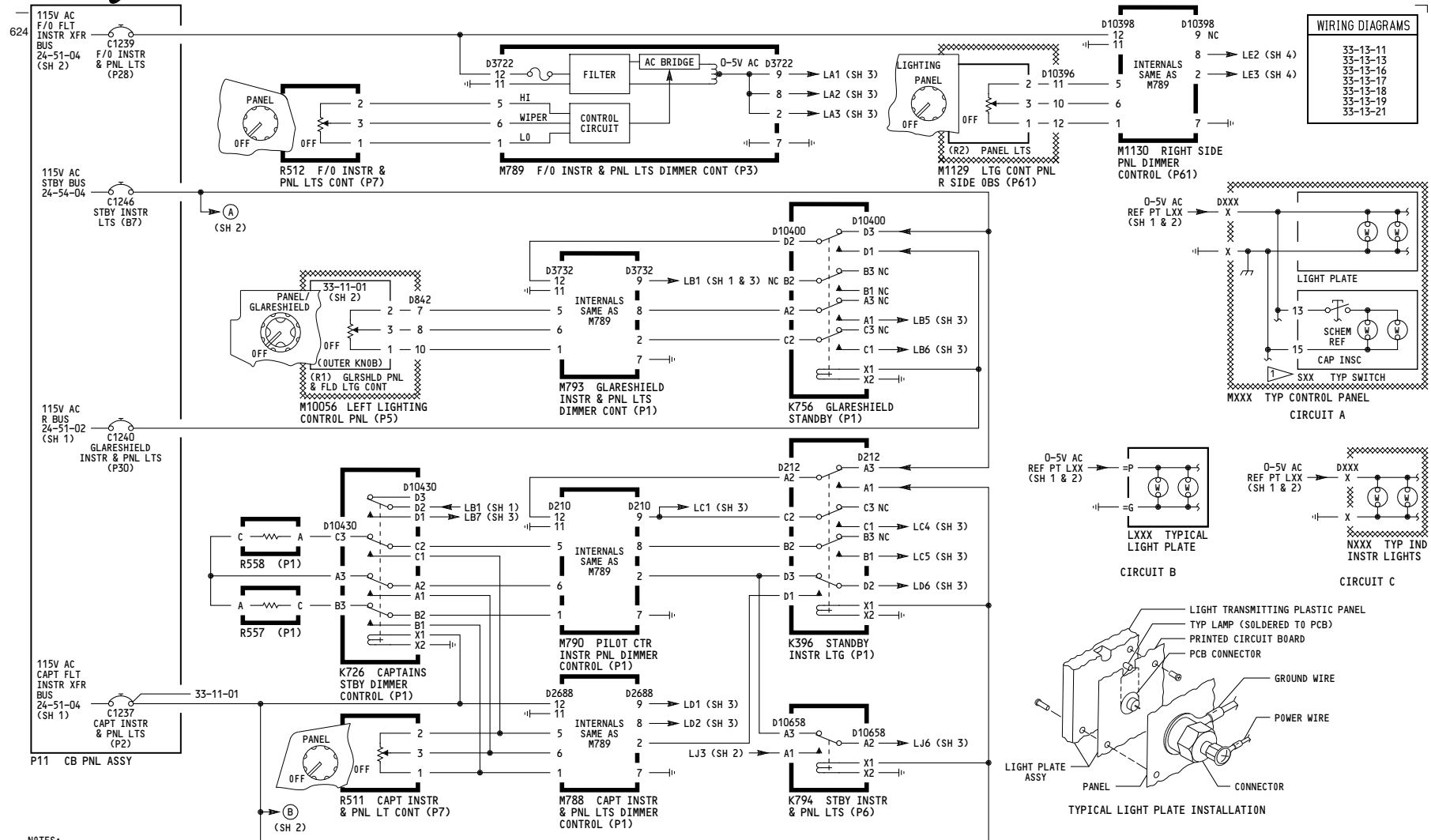
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PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H T
		PIN	REF	PT	PIN					
P5	M1	APU CONTROL PANEL								
(LT PL)	D1394	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
	M10(YC)	HYDRAULICS SYSTEMS CONTROL PANEL								
(LT PL)	D1312	1	LV1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	L ENG PRIMARY PUMP	29-00-02	1
S2	---	13	15	ON	---	---	---	C ELEC 1 PRIMARY PUMP	29-00-04	1
S3	---	13	15	ON	---	---	---	C ELEC 2 PRIMARY PUMP	29-00-04	3
S4	---	13	15	ON	---	---	---	R ENG PRIMARY PUMP	29-00-03	1
	M13	CABIN PRESSURE SELECT PANEL								
(LT PL)	D1324	1	LS1	2	---	---	---	LIGHT PLATE	---	-A
N1	---	1	2	---	---	---	---	VALVE POSITION IND	---	-
N2	---	1	2	---	---	---	---	LDG ALTITUDE	---	-
	M14(YBF)	TEMPERATURE CONTROL PANEL								
(LT PL)	D1302	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
N1	---	1	2	---	---	---	---	TEMP CONT VALVE POS	---	-
S1	---	13	15	ON	---	---	---	TRIM AIR	21-60-01	1
S2	---	13	15	ON	---	---	---	L RECIRC FAN	21-25-01	1
S3	---	13	15	ON	---	---	---	R RECIRC FAN	21-25-02	1
	M15(YC2)	BLEED AIR SUPPLY PANEL								
(LT PL)	D1348	1	LP1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	(OPEN)	---	---	---	L ISLN VALVE	36-11-01	1
S2	---	13	15	(OPEN)	---	---	---	C ISLN VALVE	36-11-03	1
S3	---	13	15	(OPEN)	---	---	---	R ISLN VALVE	36-11-02	1
S4	---	13	15	(ON)	---	---	---	L ENG VALVE	36-11-05	1
S5	---	13	15	(OPEN)	---	---	---	APU VALVE	36-11-04	2
S6	---	13	15	(ON)	---	---	---	R ENG VALVE	36-11-06	2
	N122	D3892	1	LP1	2	---	---	DUAL DUCT PRESSURE IND	---	-C
	M17	EQUIPMENT COOLING CONTROL PANEL								
(LT PL)	D1366	1	LS6	2	---	---	---	LIGHT PLATE	---	-A
	M19	CABIN PRESSURE GAUGES PANEL								
(LT PL)	D1776	1	LS1	2	---	---	---	LIGHT PLATE	---	-A
	M29(YDB)	CARGO HEAT CONTROL PANEL								
(LT PL)	D3842	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	FWD CARGO HEAT	21-43-01	1
S2	---	13	15	ON	---	---	---	AFT CARGO HEAT	21-44-01	1
S3	---	13	15	ON	---	---	---	BULK CARGO HEAT	21-44-02	1
	M43	EMERGENCY LIGHTS CONTROL PANEL								
(LT PL)	D838	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
	M49	ENGINE IGNITION AND START CONTROL PANEL								
(LT PL)	D848	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M50	VOICE RECORDER CONTROL PANEL								
(LT PL)	D731	Y	LR3	2	---	---	---	LIGHT PLATE	---	-A
	M51	PILOTS CALL PANEL								
(LT PL)	D735	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
	M52	PASSENGER SIGNS CONTROL PANEL								
(LT PL)	D854	1	LT1	2	---	---	---	LIGHT PLATE	---	-A

PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H T
		PIN	REF	PT	PIN					
P5	M56(YCT)	ANTI-COLLISION AND LANDING LIGHT CONTROL								
(LT PL)	D856	1	LR1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	POSITION LIGHTS	33-43-01	1
S5	---	13	15	ON	---	---	---	WHITE ANTI-COLLISION	33-44-01	1
S6	---	13	15	ON	---	---	---	WING LIGHTS	33-41-01	1
S7	---	13	15	ON	---	---	---	RED ANTI-COLLISION LTS	33-44-01	1
	M59	INERTIAL REFERENCE MODE PANEL								
(LT PL)	D739	1	LP1	2	---	---	---	LIGHT PLATE	---	-A
D741	---	1	LP1	2	---	---	---	(INPUTS COMMONED)	---	-
D743	---	1	LP1	2	---	---	---		---	-
	M61	EMERGENCY EVACUATION CONTROL PANEL								
(LT PL)	D636	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M82	L HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D733	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M83	R HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D737	1	LR3	2	---	---	---	LIGHT PLATE	---	-A
	M111(YDG)	ENTERTAINMENT PNL								
(LT PL)	D1655	1	LR1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	VIDEO POWER	23-32-01	1
	M1619	FWD CARGO TEMP CONTROL								
(LT PL)	D13534	1	LT2	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	FWD CAR. FAULT	21-61-81	1
	M1798	HF/SAT AUDIO XFER & SAT/CALL RST PNL								
(LT PL)	D2695	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
	M10023	WINDSHIELD WIPER/RAIN REPELLANT CONTROL PANEL								
(LT PL)	D884	1	LR1	2	---	---	---	LIGHT PLATE	---	-A
	M10054	FUEL QUANTITY PANEL								
(LT PL)	D3896	1	LS2	2	---	---	---	LIGHT PLATE	---	-A
	M10055(YCL)	FUEL MANAGEMENT PANEL								
(LT PL)	D1374	1	LS6	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	R PUMP - AFT	28-22-01	2
S2	---	13	15	ON	---	---	---	L PUMP - FWD	28-22-01	1
S3	---	13	15	ON	---	---	---	C PUMP - RIGHT	28-22-01	3
S4	---	13	15	ON	---	---	---	L PUMP - AFT	28-22-01	1
S5	---	13	15	ON	---	---	---	R PUMP - FWD	28-22-01	2
S6	---	13	15	ON	---	---	---	C PUMP - LEFT	28-22-01	3
S7	---	13	15	(OPEN)	---	---	---	FUEL CROSSFEED VALVE	28-22-01	4
	M10056(YCW)	LEFT LIGHTING CONTROL PANEL								
(LT PL)	D840	1	LS4	2	---	---	---	LIGHT PLATE	---	-A
S3	---	13	15	ON	---	---	---	LT OVRD	33-11-01	1
	M10057(YCX)	RIGHT OVERHEAD LIGHTING CONTROL PANEL								
(LT PL)	D860	1	LS4	2	---	---	---	LIGHT PLATE	---	-A
	M10062(YDI)	STANDBY POWER PANEL								
(LT PL)	D10216	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
S2	---	13	15	ON	---	---	---	BAT	24-33-01	1

PILOTS OVERHEAD AND RIGHT SIDE PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H T
		PIN	REF	PT	PIN					
P5	M10063(YDJ)	ELECTRICAL SYSTEMS PANEL								
(LT PL)	D1382	1	LV3	2	---	---	---	LIGHT PLATE	---	-A
S3	---	13	15	ON	---	---	---	L GEN CONT	24-20-01	1
S4	---	13	15	ON	---	---	---	R GEN CONT	24-20-02	1
S7	---	13	15	ON	---	---	---	L UTILITY BUS	24-51-01	3
S8	---	13	15	ON	---	---	---	R UTILITY BUS	24-51-02	3
S9	---	13	15	AUTO	---	---	---	L TIE BUS	24-20-01	1
S10	---	13	15	AUTO	---	---	---	R TIE BUS	24-20-02	1
S11	---	13	15	ON	---	---	---	APU GEN	24-20-03	1
	M10078	COMPARTMENT TEMPERATURE PANEL								
(LT PL)	D1358	1	LT2	2	---	---	---	LIGHT PLATE	---	-A
	M10250(YAL)	YAW DAMPER PANEL								
(LT PL)	D723	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	L YAW DAMPER	22-21-01	1
S2	---	13	15	ON	---	---	---	R YAW DAMPER	22-21-02	1
	M10395(YDM)	WINDOW HEAT CONTROL PANEL								
(LT PL)	D876	1	LT1	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	R SIDE WINDOW HEAT	30-41-01	1
S2	---	13	15	ON	---	---	---	R FWD WINDOW HEAT	30-41-02	1
S3	---	13	15	ON	---	---	---	L FWD WINDOW HEAT	30-41-01	1
S4	---	13	15	ON	---	---	---	L SIDE WINDOW HEAT	30-41-02	1
	M10397(YDN)	WING AND ENGINE ANTI-ICE CONTROL PANEL								
(LT PL)	D890	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
S1	---	13	15	ON	---	---	---	L ENG ANTI-ICE VALVE	30-21-01	1
S2	---	13	15	ON	---	---	---	R ENG ANTI-ICE VALVE	30-21-01	1
S3	---	13	15	ON	---	---	---	WING ANTI-ICE VALVE	30-11-01	1
	M10761(YHW)	EEC CONTROL MODULE								
(LT PL)	D2083	1	LV2	2	---	---	---	LIGHTPLATE	---	-A
S1	---	13	15	ON	---	---	---	L EEC CONT	73-21-01	1
S2	---	13	15	ON	---	---	---	R EEC CONT	73-21-01	1
	M98	FIRST OBSERVERS AUDIO SELECT PANEL								
(LT PL)	D551	1	LE2	2	---	---	---	LIGHT PLATE	---	-A
	M1129	RIGHT SIDE OBSERVERS LIGHTING CONTROL PANEL								
(LT PL)	D10396	1	LE3	2	---	---	---	LIGHT PLATE	---	-A
	M1254	CONTROL DISPLAY UNIT								
(LT PL)	D1833	F-	LE2	G-	---	---	---	LIGHT PLATE	---	-A



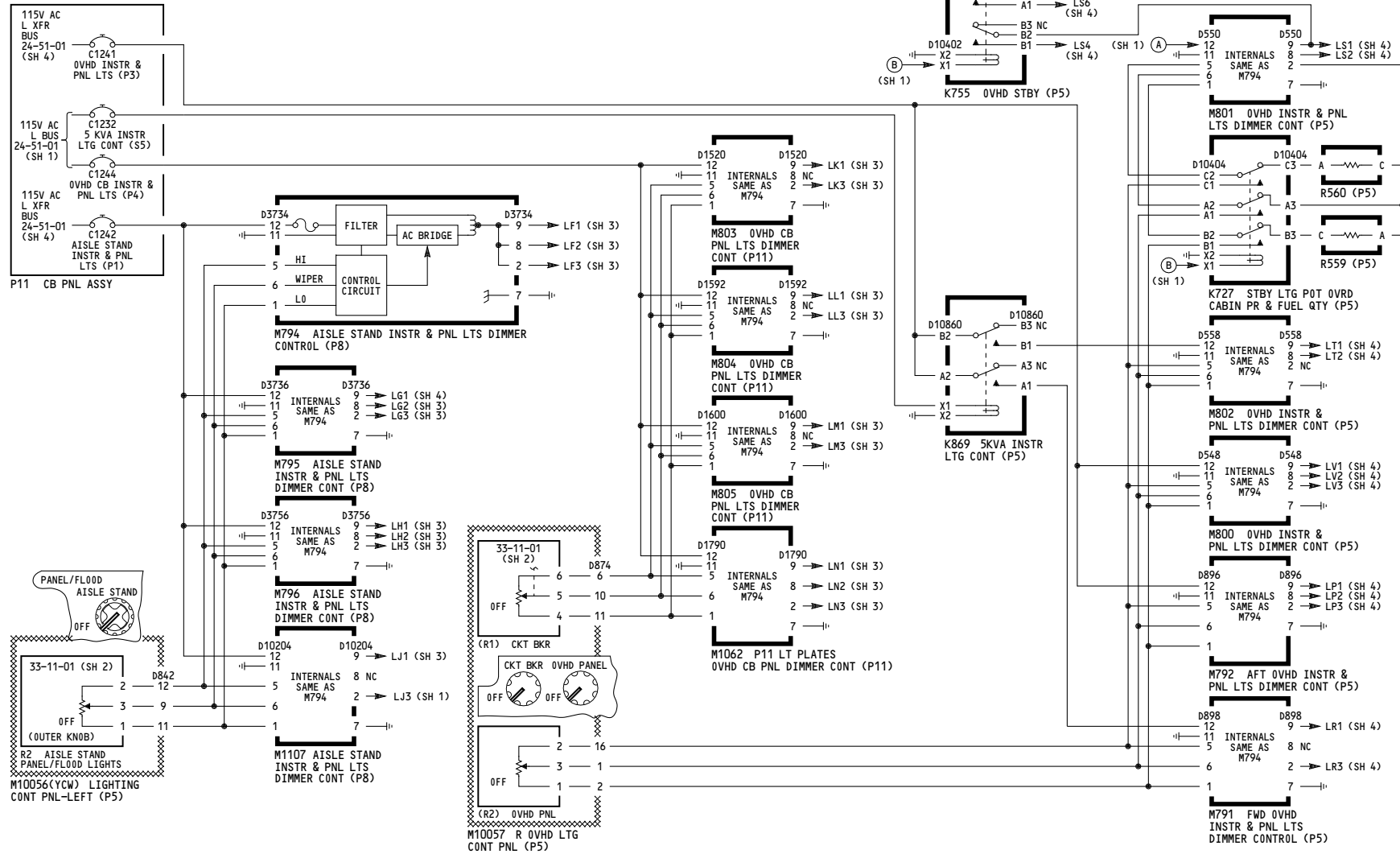
WIRING DIAGRAMS	
33-13-11	
33-13-13	
33-13-16	
33-13-17	
33-13-18	
33-13-19	
33-13-21	

NOTES:  
 1 SWITCH INTERNALS ARE NOT PART OF PANEL LIGHTS AND ARE SHOWN FOR REFERENCE ONLY.

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**INSTRUMENT AND PANEL LIGHTS**

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PNL	LIGHT/ SW/ IND	CONN	POWER			SW CAP INSC	NOMENCLATURE	SCHEM	S H T	
			PIN	REF	PT					
										PIN
—	N99	D642	=A1	LC1	=C1	—	PILOT STBY MAGNETIC COMPASS	—	C	
P1-1	L481 N1 N3 N126 N128 S2 S3 S4 S482	D101 D645 D1819 D1839	= P = P = P = P = P = P = P = P	LD2 LD6 LD2 LD2	= G = G = G = G	— — — — — — — —	CAPT INSTR SOURCE SEL LT PL CAPT MACH AIRSPEED INDICATOR L RADIO DIST MAG INDICATOR L METRIC ALT (PROV) L METRIC SEL ALT DISPLAY (PROV) L FMC INSTR SOURCE SEL SW L EFI INSTR SOURCE SEL SW L IRS INSTR SOURCE SEL SW CAPT ADC INSTR SOURCE SEL SW	— — — — — 34-22-09 34-22-09 34-22-09 34-12-01	B C C C C A A A A	
M9053 CAPTAINS EGPS SW PNL										
	L9009	D9131P	22	LD2	23	—	LIGHT PLATE	33-13-11	2	A
P1-3	L494 L609 L662 N2 N8 N9 N20 N22 N23 N70 N10016 S547	D10886 D111 D113 D216 D218 D220 D1363 D10122 S547	= P = P = P = P = P = P = P = P = P = P	LC5 LD1 LC5 LD1 LD1 LC1 LC1 LD1 LD6 LD1	= G = G = G = G = G = G = G = G = G = G	— — — — — — — — — — — — —	AUTO BRAKES LIGHT PLATE RESERVE BKS & STRG LIGHT PL CAUTION CANCEL/RCL LIGHT PL CAPTAINS CLOCK CAPTAINS ALTIMETER L VERTICAL SPEED INDICATOR STANDBY ATTITUDE/ILS IND STANDBY AIRSPEED INDICATOR STANDBY ALTIMETER INDICATOR CAPT AUTOLAND STATUS ANN STANDBY ENGINE INDICATOR RESERVE BKS & STRG SEL SW	— — — — — — — — — — — — — —	B B B B C C C C C C C C A	
M9054 F/O EGPS SW PNL										
	L9010	D9124P	22	LA2	23	—	LIGHT PLATE	33-13-13	1	A
P3-3	L489 N42 N48 N49 N127 N129 S10 S11 S12 S483	D719 D715 D717 D1821 D1843	= P = P = P = P = P = P	LA1 LA1 LA1 LA1 LA1	= G = G = G = G = G	— — — — — — — — — — — — —	F/O INSTR SOURCE SEL LIGHT PL F/O CLOCK F/O ALTIMETER R VERTICAL SPEED INDICATOR R METRIC ALT (PROV) R METRIC SEL ALT DISPLAY (PROV) R FMC INSTR SOURCE SEL SW R EFI INSTR SOURCE SEL SW R IRS INSTR SOURCE SEL SW F/O ADC INSTR SOURCE SEL SW	— — — — — — 34-22-09 34-22-09 34-22-09 34-12-01	B C C C C C A A A A	
P7	L482 L483	— —	= P = P	LB7 LB5	= G = G	— —	CAPT LIGHTING CONTROL LT PL F/O LIGHTING CONTROL LT PL	— —	— —	B B
M901 CAPTAINS HEATER CONTROL PANEL										
(LT PL)	D3780	1	LD2	2	—	—	LIGHT PLATE	—	—	A
M902 F/O HEATER CONTROL PANEL										
(LT PL)	D3762	1	LA3	2	—	—	LIGHT PLATE	—	—	A
M90 AFCS MODE CONTROL PANEL										
(LT PL)	D479	1	LB6	2	—	—	LIGHT PLATE	—	—	A
M91 L VOR CONTROL PANEL										
(LT PL)	D869	1	LB1	2	—	—	LIGHT PLATE	—	—	A
M92 R VOR CONTROL PANEL										
(LT PL)	D871	1	LB5	2	—	—	LIGHT PLATE	—	—	A

PNL	LIGHT/ SW/ IND	CONN	POWER			SW CAP INSC	NOMENCLATURE	SCHEM	S H T	
			PIN	REF	PT					
										PIN
CONTROL STAND INSTRUMENT AND PANEL LIGHTS										
P8 M70 CAPTAINS AUDIO SELECT PANEL										
(LT PL)	D257	1	LJ6	2	—	—	LIGHT PLATE	—	—	A
M71 FIRST OFFICER AUDIO SELECT PANEL										
(LT PL)	D259	1	LH1	2	—	—	LIGHT PLATE	—	—	A
M74 AILERON RUDDER TRIM CONTROL PANEL										
(LT PL)	D1830	1	LG2	2	—	—	LIGHT PLATE	—	—	A
N83 D1832 1 LG2 2 — RUDDER TRIM INDICATOR										
M75 WEATHER RADAR CONTROL PANEL										
(LT PL)	D395	P	LJ1	E	—	—	LIGHT PLATE	—	—	A
M78 L VHF COMMUNICATIONS CONTROL PANEL										
(LT PL)	D407	1	LJ6	2	—	—	LIGHT PLATE	—	—	A
M79 R VHF COMMUNICATIONS CONTROL PANEL										
(LT PL)	D409	1	LH1	2	—	—	LIGHT PLATE	—	—	A
M80 CENTER VHF COMMUNICATIONS CONTROL PANEL										
(LT PL)	D411	1	LG3	2	—	—	LIGHT PLATE	—	—	A
M81 DUAL AIR TRAFFIC CONTROL PANEL										
(LT PL)	D303	1	LG2	2	—	—	LIGHT PLATE	—	—	A
M87 ILS CONTROL PANEL										
(LT PL)	D603	1	LJ6	2	—	—	LIGHT PLATE	—	—	A
M939 ACARS PRINTER (PROVISIONS)										
(LT PL)	D637	1	LG2	2	—	—	LIGHT PLATE	—	—	A
M1046 DUAL ADF CONTROL PANEL										
(LT PL)	D1629	1	LJ6	2	—	—	LIGHT PLATE	—	—	A
M1169 MULT-INPUT PRINTER										
(LT PL)	D1729	M	LG3	E-	—	—	LIGHT PLATE	—	—	A
M9048 ACARS VOICE/DATA SELECT										
(LT PL)	D9090	1	LJ1	2	—	—	LIGHT PLATE	—	—	A
M1044(YD0) APU/CARGO FIRE CONTROL PANEL										
(LT PL)	D864	1	LH2	2	—	—	LIGHT PLATE	—	—	A
S1	—	13	15	ARMED	—	—	FWD CARGO FIRE SWITCH	26-23-01	1	A
S2	—	13	15	ARMED	—	—	AFT CARGO FIRE SWITCH	26-23-01	1	A
M10445 FIRE/OVERHEAT TEST PANEL										
(LT PL)	D10104	1	LJ1	2	—	—	LIGHT PLATE	—	—	A
P9 M76 L FMC CONTROL DISPLAY UNIT										
(LT PL)	D465	28	LF2	29	—	—	LIGHT PLATE	—	—	A
M77 R FMC CONTROL DISPLAY UNIT										
(LT PL)	D467	28	LH2	29	—	—	LIGHT PLATE	—	—	A
M10195 EICAS DISPLAY SELECT PANEL										
(LT PL)	D209	40	LF1	41	—	—	LIGHT PLATE	—	—	A

PNL	LIGHT/ SW/ IND	CONN	POWER			SW CAP INSC	NOMENCLATURE	SCHEM	S H T	
			PIN	REF	PT					
										PIN
INSTRUMENT AND PANEL LIGHTS										
P10 STAB. TRIM C/O CONT LT PL										
L496	—	= P	LG3	= G	—	—	FLAP SETTING LT PL	—	—	B
L576	—	= P	LF3	= G	—	—	SPEED BRAKE LT PL	—	—	B
L577	—	= P	LF3	= G	—	—	FUEL CONTROL LT PL	—	—	B
L604	—	= P	LG3	= G	—	—	CAPT STAB. POSITION IND	—	—	B
M68	D2236	1	LF3	2	—	—	F/O STAB. POSITION IND	—	—	C
M69	D2238	1	LH3	2	—	—	F/O STAB. POSITION IND	—	—	C
M93 RIGHT EFIS CONTROL PANEL										
(LT PL)	D471	1	LH3	2	—	—	LIGHT PLATE	—	—	A
M94 LEFT EFIS CONTROL PANEL										
(LT PL)	D469	1	LF3	2	—	—	LIGHT PLATE	—	—	A
P11-3 ROW 1 L LIGHT PLATE										
L499	—	= P	LM1	= G	—	—	ROW 1 L LIGHT PLATE	—	—	B
L500	—	= P	LM1	= G	—	—	ROW 2 L LIGHT PLATE	—	—	B
L501	—	= P	LM1	= G	—	—	ROW 3 L LIGHT PLATE	—	—	B
L502	—	= P	LM1	= G	—	—	ROW 4 L LIGHT PLATE	—	—	B
L503	—	= P	LM1	= G	—	—	ROW 5 L LIGHT PLATE	—	—	B
L504	—	= P	LM1	= G	—	—	ROW 6 L LIGHT PLATE	—	—	B
L505	—	= P	LM1	= G	—	—	ROW 7 L LIGHT PLATE	—	—	B
P11-2 ROW 8 L LIGHT PLATE										
L506	—	= P	LL1	= G	—	—	ROW 8 L LIGHT PLATE	—	—	B
L507	—	= P	LL1	= G	—	—	ROW 9 L LIGHT PLATE	—	—	B
L508	—	= P	LL1	= G	—	—	ROW 10 L LIGHT PLATE	—	—	B
L509	—	= P	LL1	= G	—	—	ROW 11 L LIGHT PLATE	—	—	B
L510	—	= P	LL1	= G	—	—	ROW 12 L LIGHT PLATE	—	—	B
L511	—	= P	LN2	= G	—	—	ROW 13 L LIGHT PLATE	—	—	B
L512	—	= P	LN2	= G	—	—	ROW 14 L LIGHT PLATE	—	—	B
P11-1 ROW 15 L LIGHT PLATE										
L513	—	= P	LK1	= G	—	—	ROW 15 L LIGHT PLATE	—	—	B
L514	—	= P	LK1	= G	—	—	ROW 16 L LIGHT PLATE	—	—	B
L515	—	= P	LK1	= G	—	—	ROW 17 L LIGHT PLATE	—	—	B
L516	—	= P	LK1	= G	—	—	ROW 18 L LIGHT PLATE	—	—	B
L517	—	= P	LK1	= G	—	—	ROW 19 L LIGHT PLATE	—	—	B
L518	—	= P	LN3	= G	—	—	ROW 20 L LIGHT PLATE	—	—	B
L519	—	= P	LN3	= G	—	—	ROW 21 L LIGHT PLATE	—	—	B
P11-6 ROW 2 R LIGHT PLATE										
L520	—	= P	LM3	= G	—	—	ROW 2 R LIGHT PLATE	—	—	B
L521	—	= P	LM3	= G	—	—	ROW 3 R LIGHT PLATE	—	—	B
L522	—	= P	LM3	= G	—	—	ROW 4 R LIGHT PLATE	—	—	B
L523	—	= P	LM3	= G	—	—	ROW 5 R LIGHT PLATE	—	—	B
L524	—	= P	LM3	= G	—	—	ROW 6 R LIGHT PLATE	—	—	B
L525	—	= P	LN1	= G	—	—	ROW 7 R LIGHT PLATE	—	—	B
L526	—	= P	LN1	= G	—	—	ROW 8 R LIGHT PLATE	—	—	B
P11-5 ROW 9 R LIGHT PLATE										
L527	—	= P	LL3	= G	—	—	ROW 9 R LIGHT PLATE	—	—	B
L528	—	= P	LL3	= G	—	—	ROW 10 R LIGHT PLATE	—	—	B
L529	—	= P	LL3	= G	—	—	ROW 11 R LIGHT PLATE	—	—	B
L530	—	= P	LL3	= G	—	—	ROW 12 R LIGHT PLATE	—	—	B
L531	—	= P	LN2	= G	—	—	ROW 13 R LIGHT PLATE	—	—	B
L532	—	= P	LN2	= G	—	—	ROW 14 R LIGHT PLATE	—	—	B
L533	—	= P	LN2	= G	—	—	ROW 15 R LIGHT PLATE	—	—	B
P11-4 ROW 16 R LIGHT PLATE										
L534	—	= P	LK3	= G	—	—	ROW 16 R LIGHT PLATE	—	—	B
L535	—	= P	LK3	= G	—	—	ROW 17 R LIGHT PLATE	—	—	B
L536	—	= P	LK3	= G	—	—	ROW 18 R LIGHT PLATE	—	—	B
L537	—	= P	LK3	= G	—	—	ROW 19 R LIGHT PLATE	—	—	B
L538	—	= P	LN3	= G	—	—	ROW 20 R LIGHT PLATE	—	—	B
L539	—	= P	LN3	= G	—	—	ROW 21 R LIGHT PLATE	—	—	B
L540	—	= P	LN3	= G	—	—	ROW 21 R LIGHT PLATE	—	—	B

**INSTRUMENT AND PANEL LIGHTS**

- Incorporates
- ▶ MTO-230607
- ▶ MTO-340961

**33-13-01**

D280T232

PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER	GND	SWITCH CAP INSC	SYSTEM	SCHEM	S	C H T
		PIN	REF PT							
P5	M1	APU CONTROL PANEL								
(LT PL)	D1394	1	LV2	2	---	---	LIGHT PLATE	---	---	A
	M10(YC)	HYDRAULICS SYSTEMS CONTROL PANEL								
(LT PL)	D1312	1	LV1	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	---	L ENG PRIMARY PUMP	29-00-02	1	---
S2	---	13	15	ON	---	---	C ELEC 1 PRIMARY PUMP	29-00-04	1	---
S3	---	13	15	ON	---	---	C ELEC 2 PRIMARY PUMP	29-00-04	3	---
S4	---	13	15	ON	---	---	R ENG PRIMARY PUMP	29-00-03	1	---
	M13	CABIN PRESSURE SELECT PANEL								
(LT PL)	D1324	1	LS1	2	---	---	LIGHT PLATE	---	---	A
N1	---	1	2	---	---	---	VALVE POSITION IND	---	---	---
N2	---	1	2	---	---	---	LDG ALTITUDE	---	---	---
	M14(YB)	TEMPERATURE CONTROL PANEL								
(LT PL)	D1302	1	LV2	2	---	---	LIGHT PLATE	---	---	A
N1	---	1	2	---	---	---	TEMP CONT VALVE POS	---	---	---
S1	---	13	15	ON	---	---	TRIM AIR	21-60-01	1	---
S2	---	13	15	ON	---	---	L RECIRC FAN	21-25-01	1	---
S3	---	13	15	ON	---	---	R RECIRC FAN	21-25-02	1	---
	M15(YC2)	BLEED AIR SUPPLY PANEL								
(LT PL)	D1348	1	LP1	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	(OPEN)	---	---	L ISLN VALVE	36-11-01	1	---
S2	---	13	15	(OPEN)	---	---	C ISLN VALVE	36-11-03	1	---
S3	---	13	15	(OPEN)	---	---	R ISLN VALVE	36-11-02	1	---
S4	---	13	15	(ON)	---	---	L ENG VALVE	36-11-05	1	---
S5	---	13	15	(OPEN)	---	---	APU VALVE	36-11-04	2	---
S6	---	13	15	(ON)	---	---	R ENG VALVE	36-11-06	2	---
	N122	D3892	1	LP1	2	---	DUAL DUCT PRESSURE IND	---	---	C
	M17	EQUIPMENT COOLING CONTROL PANEL								
(LT PL)	D1366	1	LS6	2	---	---	LIGHT PLATE	---	---	A
	M19	CABIN PRESSURE GAUGES PANEL								
(LT PL)	D1776	1	LS1	2	---	---	LIGHT PLATE	---	---	A
	M29(YDB)	CARGO HEAT CONTROL PANEL								
(LT PL)	D3842	1	LP3	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	---	FWD CARGO HEAT	21-43-01	1	---
S2	---	13	15	ON	---	---	AFT CARGO HEAT	21-44-01	1	---
S3	---	13	15	ON	---	---	BULK CARGO HEAT	21-44-02	1	---
	M43	EMERGENCY LIGHTS CONTROL PANEL								
(LT PL)	D838	1	LP2	2	---	---	LIGHT PLATE	---	---	A
	M49	ENGINE IGNITION AND START CONTROL PANEL								
(LT PL)	D848	1	LP3	2	---	---	LIGHT PLATE	---	---	A
	M50	VOICE RECORDER CONTROL PANEL								
(LT PL)	D731	Y	LR3	2	---	---	LIGHT PLATE	---	---	A
	M51	PILOTS CALL PANEL								
(LT PL)	D735	1	LP2	2	---	---	LIGHT PLATE	---	---	A
	M52	PASSENGER SIGNS CONTROL PANEL								
(LT PL)	D854	1	LT1	2	---	---	LIGHT PLATE	---	---	A

PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER	GND	SWITCH CAP INSC	SYSTEM	SCHEM	S	C H T
		PIN	REF PT							
P5	M56(YCT)	ANTI-COLLISION AND LANDING LIGHT CONTROL								
(LT PL)	D856	1	LR1	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	---	POSITION LIGHTS	33-43-01	1	---
S5	---	13	15	ON	---	---	WHITE ANTI-COLLISION	33-44-01	1	---
S6	---	13	15	ON	---	---	WING LIGHTS	33-41-01	1	---
S7	---	13	15	ON	---	---	RED ANTI-COLLISION LTS	33-44-01	1	---
	M59	INERTIAL REFERENCE MODE PANEL								
(LT PL)	D739	1	LP1	2	---	---	LIGHT PLATE	---	---	A
D741	---	1	LP1	2	---	---	(INPUTS COMMONED)	---	---	---
D743	---	1	LP1	2	---	---	---	---	---	---
	M61	EMERGENCY EVACUATION CONTROL PANEL								
(LT PL)	D636	1	LP3	2	---	---	LIGHT PLATE	---	---	A
	M82	L HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D733	1	LP3	2	---	---	LIGHT PLATE	---	---	A
	M83	R HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D737	1	LR3	2	---	---	LIGHT PLATE	---	---	A
	M111(YDG)	ENTERTAINMENT PNL								
(LT PL)	D1655	1	LR1	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	---	VIDEO POWER	23-32-01	1	---
	M1619	FWD CARGO TEMP CONTROL								
(LT PL)	D13534	1	LT2	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	---	FWD CAR. FAULT	21-61-81	1	---
	M1798	HF/SAT AUDIO XFER AND SAT/CALL RST PNL								
(LT PL)	D2695	1	LP2	2	---	---	LIGHT PLATE	---	---	A
	M10023	WINDSHIELD WIPER/RAIN REPELLANT CONTROL PANEL								
(LT PL)	D884	1	LR1	2	---	---	LIGHT PLATE	---	---	A
	M10054	FUEL QUANTITY PANEL								
(LT PL)	D3896	1	LS2	2	---	---	LIGHT PLATE	---	---	A
	M10055(YCL)	FUEL MANAGEMENT PANEL								
(LT PL)	D1374	1	LS6	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	---	R PUMP - AFT	28-22-01	2	---
S2	---	13	15	ON	---	---	L PUMP - FWD	28-22-01	1	---
S3	---	13	15	ON	---	---	C PUMP - RIGHT	28-22-01	3	---
S4	---	13	15	ON	---	---	L PUMP - AFT	28-22-01	1	---
S5	---	13	15	ON	---	---	R PUMP - FWD	28-22-01	2	---
S6	---	13	15	ON	---	---	C PUMP - LEFT	28-22-01	3	---
S7	---	13	15	(OPEN)	---	---	FUEL CROSSFEED VALVE	28-22-01	4	---
	M10056(YCW)	LEFT LIGHTING CONTROL PANEL								
(LT PL)	D840	1	LS4	2	---	---	LIGHT PLATE	---	---	A
S3	---	13	15	ON	---	---	LT OVRD	33-11-01	1	---
	M10057(YCX)	RIGHT OVERHEAD LIGHTING CONTROL PANEL								
(LT PL)	D860	1	LS4	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	UNLKD	---	---	FLIGHT DECK D00R	52-51-01	1	---
	M10062(YDI)	STANDBY POWER PANEL								
(LT PL)	D10216	1	LV2	2	---	---	LIGHT PLATE	---	---	A
S2	---	13	15	ON	---	---	BAT	24-33-01	1	---

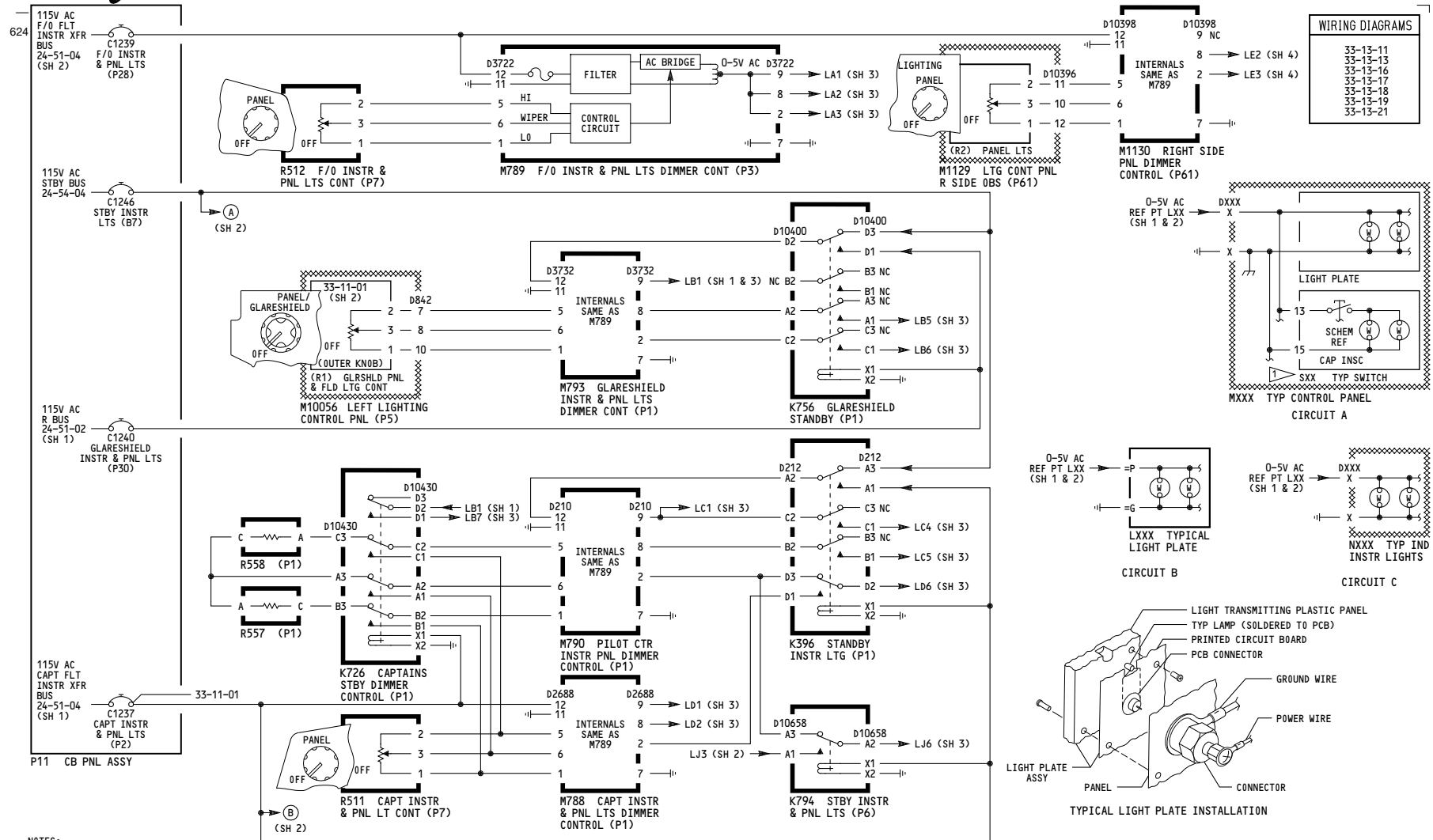
PILOTS OVERHEAD AND RIGHT SIDE PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN		POWER	GND	SWITCH CAP INSC	SYSTEM	SCHEM	S	C H T
		PIN	REF PT							
P5	M10063(YDJ)	ELECTRICAL SYSTEMS PANEL								
(LT PL)	D1382	1	LV3	2	---	---	LIGHT PLATE	---	---	A
S3	---	13	15	ON	---	---	L GEN CONT	24-20-01	1	---
S4	---	13	15	ON	---	---	R GEN CONT	24-20-02	1	---
S7	---	13	15	ON	---	---	L UTILITY BUS	24-51-01	3	---
S8	---	13	15	ON	---	---	R UTILITY BUS	24-51-02	3	---
S9	---	13	15	AUTO	---	---	L TIE BUS	24-20-01	1	---
S10	---	13	15	AUTO	---	---	R TIE BUS	24-20-02	1	---
S11	---	13	15	ON	---	---	APU GEN	24-20-03	1	---
	M10078	COMPARTMENT TEMPERATURE PANEL								
(LT PL)	D1358	1	LT2	2	---	---	LIGHT PLATE	---	---	A
	M10250(YAL)	YAW DAMPER PANEL								
(LT PL)	D723	1	LP2	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	---	L YAW DAMPER	22-21-01	1	---
S2	---	13	15	ON	---	---	R YAW DAMPER	22-21-02	1	---
	M10395(YDM)	WINDOW HEAT CONTROL PANEL								
(LT PL)	D876	1	LT1	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	---	R SIDE WINDOW HEAT	30-41-01	1	---
S2	---	13	15	ON	---	---	R FWD WINDOW HEAT	30-41-02	1	---
S3	---	13	15	ON	---	---	L FWD WINDOW HEAT	30-41-01	1	---
S4	---	13	15	ON	---	---	L SIDE WINDOW HEAT	30-41-02	1	---
	M10397(YDN)	WING AND ENGINE ANTI-ICE CONTROL PANEL								
(LT PL)	D890	1	LV2	2	---	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	---	L ENG ANTI-ICE VALVE	30-21-01	1	---
S2	---	13	15	ON	---	---	R ENG ANTI-ICE VALVE	30-21-01	1	---
S3	---	13	15	ON	---	---	WING ANTI-ICE VALVE	30-11-01	1	---
	M10761(YHW)	EEC CONTROL MODULE								
(LT PL)	D2083	1	LV2	2	---	---	LIGHTPLATE	---	---	A
S1	---	13	15	ON	---	---	L EEC CONT	73-21-01	1	---
S2	---	13	15	ON	---	---	R EEC CONT	73-21-01	1	---
	P61	M98 FIRST OBSERVERS AUDIO SELECT PANEL								
(LT PL)	D551	1	LE2	2	---	---	LIGHT PLATE	---	---	A
	M1129	RIGHT SIDE OBSERVERS LIGHTING CONTROL PANEL								
(LT PL)	D10396	1	LE3	2	---	---	LIGHT PLATE	---	---	A
	M1254	CONTROL DISPLAY UNIT								
(LT PL)	D1833	F-	LE2	G-	---	---	LIGHT PLATE	---	---	A

**INSTRUMENT AND PANEL LIGHTS**

Incorporates  
MTO 230592

D280T232





WIRING DIAGRAMS	
33-13-11	
33-13-13	
33-13-16	
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33-13-18	
33-13-19	
33-13-21	

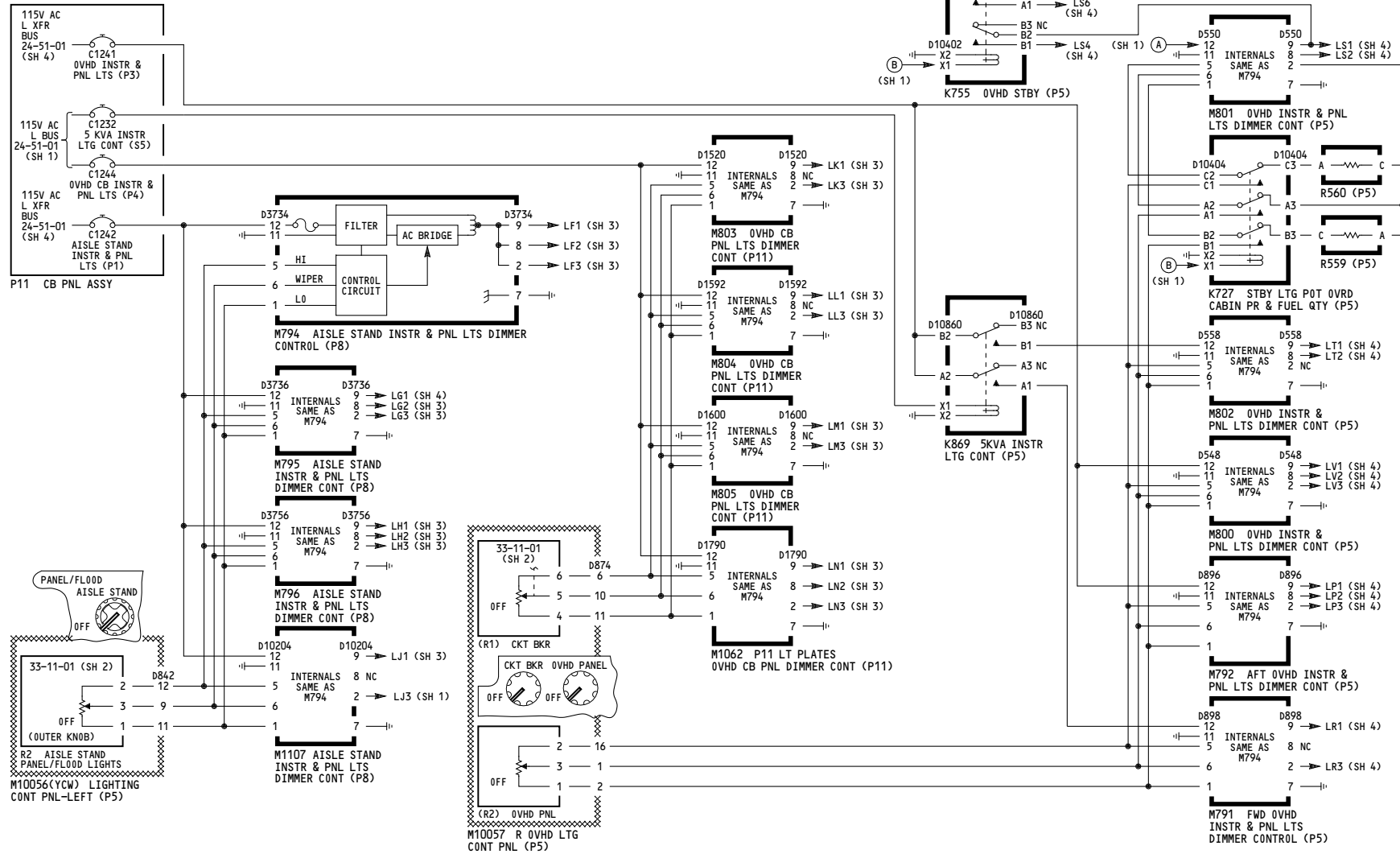
NOTES:  
 1 SWITCH INTERNALS ARE NOT PART OF PANEL LIGHTS AND ARE SHOWN FOR REFERENCE ONLY.

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**INSTRUMENT AND PANEL LIGHTS**

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Sheet 2  
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FORWARD PANEL INSTRUMENT AND PANEL LIGHTS										
PNL	LIGHT/SW/IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H T	C K T
			PIN	REF PT						
—	N99	D642	=A1	LC1	=C1	—	PILOT STBY MAGNETIC COMPASS	—	—	C
P1-1	L481 N1 N3 N126 N128 S2 S3 S4 S482	D101 D645 D1819 D1839	=P =P =P =P	LD2 LD6 LD2 LD2	=G =G =G =G	—	CAPT INSTR SOURCE SEL LT PL CAPT MACH AIRSPEED INDICATOR L RADIO DIST MAG INDICATOR L METRIC ALT (PROV) L METRIC SEL ALT DISPLAY (PROV) L FMC INSTR SOURCE SEL SW L EFI INSTR SOURCE SEL SW L IRS INSTR SOURCE SEL SW CAPT ADC INSTR SOURCE SEL SW	— — — — — 34-22-09 34-22-09 34-22-09 34-12-01	1 1 1 1 1 1 1 1 1 1	A A A A A A A A A A
M9053 CAPTAINS EGPWS SW PNL										
—	L9009	D9131P	22	LD2	23	—	LIGHT PLATE	33-13-11	—	2 A
P1-3	L494 L609 L662 N2 N8 N9 N20 N22 N23 N70 N10016 S547	D10886 D111 D113 D216 D218 D220 D1363 D10122 LD1	=P =P =P =P =P =P =P =P =P	LC5 LD1 LC5 LD1 LD1 LC1 LC1 LD1 LD6 LD1	=G =G =G =G =G =G =G =G =G	—	AUTO BRAKES LIGHT PLATE RESERVE BKS & STRG LIGHT PL CAUTION CANCEL/RCL LIGHT PL CAPTAINS CLOCK CAPTAINS ALTIMETER L VERTICAL SPEED INDICATOR STANDBY ATTITUDE/ILS IND STANDBY AIRSPEED INDICATOR STANDBY ALTIMETER INDICATOR CAPT AUTOLAND STATUS ANN STANDBY ENGINE INDICATOR RESERVE BKS & STRG SEL SW	— — — — — — — — — — — 29-00-04	1 1 1 1 1 1 1 1 1 1 1 1	A A A A A A A A A A A A
P3-1	L491 L698 M10258 N10 N15 N41 N43 N71 S601 S602 S605 S604	D1669 D238 D240 D711 D647 D1365	=P =P =P =P =P =P =P	LC4 LC4 LC4 LA2 LA2 LA2 LA2 LA2	=G =G =G =G =G =G =G	—	GEAR LEVER LIGHT PLATE HSI HDG REFERENCE LIGHT PLATE THRUST MODE SELECT PANEL BRAKE PRESSURE INDICATOR FLAPS POSITION INDICATOR F/O MACH AIRSPEED IND (PROV) R RADIO DIST MAG INDICATOR F/O AUTOLAND STATUS ANN ALTN TE FLAPS ARM SWITCH ALTN LE FLAPS ARM SWITCH OVRD GND PROX CONFIG SW OVRD GND PROX/CONFIG GEAR OVRD SW	— — — — — — — — — 27-51-04 27-81-03 34-4-01 31-51-05	1 1 1 1 1 1 1 1 1 1 1 1 1 1	A A A A A A A A A A A A A
M9054 F/O EGPWS SW PNL										
—	L9010	D9124P	22	LA2	23	—	LIGHT PLATE	33-13-13	—	1 A
P3-3	L489 N42 N48 N49 N127 N129 S10 S11 S12 S483	D719 D715 D717 D1821 D1843	=P =P =P =P =P	LA1 LA1 LA1 LA1 LA1	=G =G =G =G =G	—	F/O INSTR SOURCE SEL LIGHT PL F/O CLOCK F/O ALTIMETER R VERTICAL SPEED INDICATOR R METRIC ALT (PROV) R METRIC SEL ALT DISPLAY (PROV) R FMC INSTR SOURCE SEL SW R EFI INSTR SOURCE SEL SW R IRS INSTR SOURCE SEL SW F/O ADC INSTR SOURCE SEL SW	— — — — — — 34-22-09 34-22-09 34-22-09 34-12-01	1 1 1 1 1 1 1 1 1 1 1	A A A A A A A A A A A
P7	L482 L483	—	=P =P	LB7 LB5	=G =G	—	CAPT LIGHTING CONTROL LT PL F/O LIGHTING CONTROL LT PL	— —	— —	B B
P13	M901 CAPTAINS HEATER CONTROL PANEL									
(LT PL)	D3780	1	LD2	2	—	—	LIGHT PLATE	—	—	A
P14	M902 F/O HEATER CONTROL PANEL									
(LT PL)	D3762	1	LA3	2	—	—	LIGHT PLATE	—	—	A
P55	M90 AFCS MODE CONTROL PANEL									
(LT PL)	D479	1	LB6	2	—	—	LIGHT PLATE	—	—	A
M91 L VOR CONTROL PANEL										
(LT PL)	D869	1	LB1	2	—	—	LIGHT PLATE	—	—	A
M92 R VOR CONTROL PANEL										
(LT PL)	D871	1	LB5	2	—	—	LIGHT PLATE	—	—	A

CONTROL STAND INSTRUMENT AND PANEL LIGHTS										
PNL	LIGHT/SW/IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H T	C K T
			PIN	REF PT						
P8	M70 CAPTAINS AUDIO SELECT PANEL									
(LT PL)	D257	1	LJ6	2	—	—	LIGHT PLATE	—	—	A
M71 FIRST OFFICER AUDIO SELECT PANEL										
(LT PL)	D259	1	LH1	2	—	—	LIGHT PLATE	—	—	A
M74 AILERON RUDDER TRIM CONTROL PANEL										
(LT PL)	D1830	1	LG2	2	—	—	LIGHT PLATE	—	—	A
N83 D1832 1 LG2 2 — RUDDER TRIM INDICATOR										
M75 WEATHER RADAR CONTROL PANEL										
(LT PL)	D395	P	LJ1	E	—	—	LIGHT PLATE	—	—	A
M78 L VHF COMMUNICATIONS CONTROL PANEL										
(LT PL)	D407	1	LJ6	2	—	—	LIGHT PLATE	—	—	A
M79 R VHF COMMUNICATIONS CONTROL PANEL										
(LT PL)	D409	1	LH1	2	—	—	LIGHT PLATE	—	—	A
M80 CENTER VHF COMMUNICATIONS CONTROL PANEL										
(LT PL)	D411	1	LG3	2	—	—	LIGHT PLATE	—	—	A
M81 DUAL AIR TRAFFIC CONTROL PANEL										
(LT PL)	D303	1	LG2	2	—	—	LIGHT PLATE	—	—	A
M87 ILS CONTROL PANEL										
(LT PL)	D603	1	LJ6	2	—	—	LIGHT PLATE	—	—	A
M939 ACARS PRINTER (PROVISIONS)										
(LT PL)	D637	1	LG2	2	—	—	LIGHT PLATE	—	—	A
M1046 DUAL ADF CONTROL PANEL										
(LT PL)	D1629	1	LJ6	2	—	—	LIGHT PLATE	—	—	A
M1169 MULT-INPUT PRINTER										
(LT PL)	D1729	M	LG3	E-	—	—	LIGHT PLATE	—	—	A
M9048 ACARS VOICE/DATA SELECT										
(LT PL)	D9090	1	LJ1	2	—	—	LIGHT PLATE	—	—	A
M1044(YD0) APU/CARGO FIRE CONTROL PANEL										
(LT PL)	D864	1	LH2	2	—	—	LIGHT PLATE	—	—	A
S1	—	13	15	ARMED	—	—	FWD CARGO FIRE SWITCH	26-23-01	—	1
S2	—	13	15	ARMED	—	—	AFT CARGO FIRE SWITCH	26-23-01	—	1
M10445 FIRE/OVERHEAT TEST PANEL										
(LT PL)	D10104	1	LJ1	2	—	—	LIGHT PLATE	—	—	A
P9	M76 L FMC CONTROL DISPLAY UNIT									
(LT PL)	D465	28	LF2	29	—	—	LIGHT PLATE	—	—	A
M77 R FMC CONTROL DISPLAY UNIT										
(LT PL)	D467	28	LH2	29	—	—	LIGHT PLATE	—	—	A
M10195 EICAS DISPLAY SELECT PANEL										
(LT PL)	D209	40	LF1	41	—	—	LIGHT PLATE	—	—	A

INSTRUMENT AND PANEL LIGHTS										
PANEL	LIGHT/SW/IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H T	C K T
			PIN	REF PT						
P10	L496 L576 L577 L604 M68 M69	—	=P =P =P =P	LG3 LF3 LF3 LF3	=G =G =G =G	—	STAB. TRIM C/O CONT LT PL FLAP SETTING LT PL SPEED BRAKE LT PL FUEL CONTROL LT PL CAPT STAB. POSITION IND F/O STAB. POSITION IND	— — — — — —	— — — — — —	B B B B B B
M93 RIGHT EFIS CONTROL PANEL										
(LT PL)	D471	1	LH3	2	—	—	LIGHT PLATE	—	—	A
M94 LEFT EFIS CONTROL PANEL										
(LT PL)	D469	1	LF3	2	—	—	LIGHT PLATE	—	—	A
P11-3	L499 L500 L501 L502 L503 L504 L505	—	=P =P =P =P =P =P	LM1 LM1 LM1 LM1 LM1 LM1	=G =G =G =G =G =G	—	ROW 1 L LIGHT PLATE ROW 2 L LIGHT PLATE ROW 3 L LIGHT PLATE ROW 4 L LIGHT PLATE ROW 5 L LIGHT PLATE ROW 6 L LIGHT PLATE ROW 7 L LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-2	L506 L507 L508 L509 L510 L511 L512	—	=P =P =P =P =P =P	LL1 LL1 LL1 LL1 LL1 LN2 LN2	=G =G =G =G =G =G =G	—	ROW 8 L LIGHT PLATE ROW 9 L LIGHT PLATE ROW 10 L LIGHT PLATE ROW 11 L LIGHT PLATE ROW 12 L LIGHT PLATE ROW 13 L LIGHT PLATE ROW 14 L LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-1	L513 L514 L515 L516 L517 L518 L519	—	=P =P =P =P =P =P	LK1 LK1 LK1 LK1 LN3 LN3	=G =G =G =G =G =G	—	ROW 15 L LIGHT PLATE ROW 16 L LIGHT PLATE ROW 17 L LIGHT PLATE ROW 18 L LIGHT PLATE ROW 19 L LIGHT PLATE ROW 20 L LIGHT PLATE ROW 21 L LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-6	L520 L521 L522 L523 L524 L525 L526	—	=P =P =P =P =P =P	LM3 LM3 LM3 LM3 LN1 LN1	=G =G =G =G =G =G	—	ROW 1 R LIGHT PLATE ROW 2 R LIGHT PLATE ROW 3 R LIGHT PLATE ROW 4 R LIGHT PLATE ROW 5 R LIGHT PLATE ROW 6 R LIGHT PLATE ROW 7 R LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-5	L527 L528 L529 L530 L531 L532 L533	—	=P =P =P =P =P =P	LL3 LL3 LL3 LL3 LN2 LN2	=G =G =G =G =G =G	—	ROW 8 R LIGHT PLATE ROW 9 R LIGHT PLATE ROW 10 R LIGHT PLATE ROW 11 R LIGHT PLATE ROW 12 R LIGHT PLATE ROW 13 R LIGHT PLATE ROW 14 R LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-4	L534 L535 L536 L537 L538 L539 L540	—	=P =P =P =P =P =P	LK3 LK3 LK3 LK3 LN3 LN3	=G =G =G =G =G =G	—	ROW 15 R LIGHT PLATE ROW 16 R LIGHT PLATE ROW 17 R LIGHT PLATE ROW 18 R LIGHT PLATE ROW 19 R LIGHT PLATE ROW 20 R LIGHT PLATE ROW 21 R LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B

**INSTRUMENT AND PANEL LIGHTS**

- ▶ Incorporates MTO-230607
- ▶ MTO-340961

D280T232

**33-13-01**

PNL	LIGHT/ SW/ IND	PILOTS OVERHEAD PANEL LIGHTS					SCHEM	S H T	C K T
		CONN	POWER	GND	SWITCH CAP INSC	SYSTEM			
P5	M1	APU CONTROL PANEL							
(LT PL)	D1394	1	LV2	2	---	LIGHT PLATE	---	-A	
	M10(YC)	HYDRAULICS SYSTEMS CONTROL PANEL							
(LT PL)	D1312	1	LV1	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	L ENG PRIMARY PUMP	29-00-02	1	
S2	---	13	15	ON	---	C ELEC 1 PRIMARY PUMP	29-00-04	1	
S3	---	13	15	ON	---	C ELEC 2 PRIMARY PUMP	29-00-04	3	
S4	---	13	15	ON	---	R ENG PRIMARY PUMP	29-00-03	1	
	M13	CABIN PRESSURE SELECT PANEL							
(LT PL)	D1324	1	LS1	2	---	LIGHT PLATE	---	-A	
N1	---	1	2	---	---	VALVE POSITION IND	---	-	
N2	---	1	2	---	---	LDG ALTITUDE	---	-	
	M14(YBF)	TEMPERATURE CONTROL PANEL							
(LT PL)	D1302	1	LV2	2	---	LIGHT PLATE	---	-A	
N1	---	1	2	---	---	TEMP CONT VALVE POS	---	-	
S1	---	13	15	ON	---	TRIM AIR	21-60-01	1	
S2	---	13	15	ON	---	L RECIRC FAN	21-25-01	1	
S3	---	13	15	ON	---	R RECIRC FAN	21-25-02	1	
	M15(YCZ)	BLEED AIR SUPPLY PANEL							
(LT PL)	D1348	1	LP1	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	(OPEN)	---	L ISLN VALVE	36-11-01	1	
S2	---	13	15	(OPEN)	---	C ISLN VALVE	36-11-03	1	
S3	---	13	15	(OPEN)	---	R ISLN VALVE	36-11-02	1	
S4	---	13	15	(ON)	---	L ENG VALVE	36-11-05	1	
S5	---	13	15	(OPEN)	---	APU VALVE	36-11-04	2	
S6	---	13	15	(ON)	---	R ENG VALVE	36-11-06	2	
	N122	D3892	1	LP1	2	DUAL DUCT PRESSURE IND (LOC ON M15 PNL)	---	-C	
	M17	EQUIPMENT COOLING CONTROL PANEL							
(LT PL)	D1366	1	LS6	2	---	LIGHT PLATE	---	-A	
	M19	CABIN PRESSURE GAUGES PANEL							
(LT PL)	D1776	1	LS1	2	---	LIGHT PLATE	---	-A	
	M29(YDB)	CARGO HEAT CONTROL PANEL							
(LT PL)	D3842	1	LP3	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	FWD CARGO HEAT	21-43-01	1	
S2	---	13	15	ON	---	AFT CARGO HEAT	21-44-01	1	
S3	---	13	15	ON	---	BULK CARGO HEAT	21-44-02	1	
	M43	EMERGENCY LIGHTS CONTROL PANEL							
(LT PL)	D838	1	LP2	2	---	LIGHT PLATE	---	-A	
	M49	ENGINE IGNITION AND START CONTROL PANEL							
(LT PL)	D848	1	LP3	2	---	LIGHT PLATE	---	-A	
	M50	VOICE RECORDER CONTROL PANEL							
(LT PL)	D731	Y	LR3	2	---	LIGHT PLATE	---	-A	
	M51	PILOTS CALL PANEL							
(LT PL)	D735	1	LP2	2	---	LIGHT PLATE	---	-A	
	M52	PASSENGER SIGNS CONTROL PANEL							
(LT PL)	D854	1	LT1	2	---	LIGHT PLATE	---	-A	

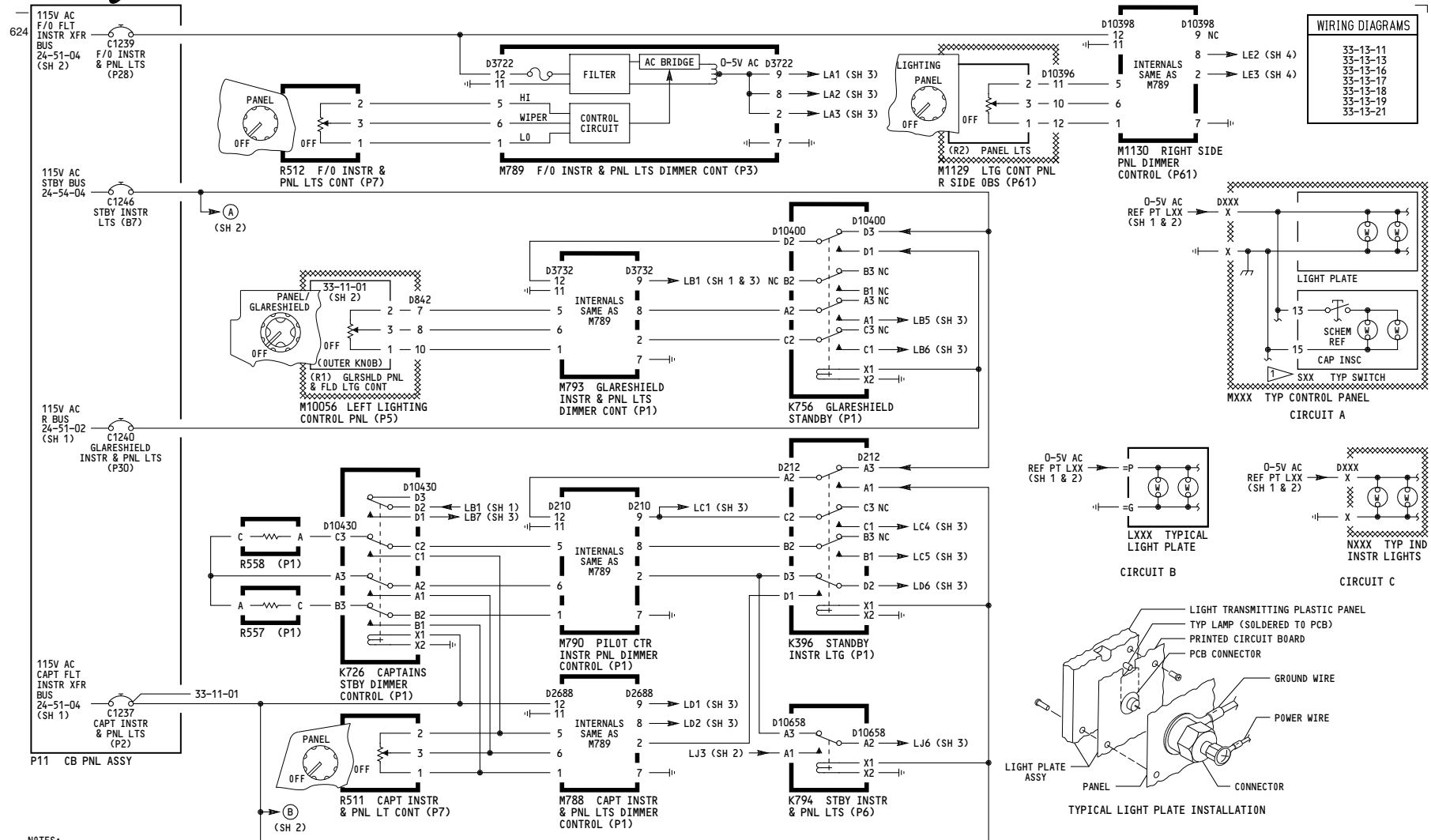
PNL	LIGHT/ SW/ IND	PILOTS OVERHEAD PANEL LIGHTS					SCHEM	S H T	C K T
		CONN	POWER	GND	SWITCH CAP INSC	SYSTEM			
P5	M56(YCT)	ANTI-COLLISION AND LANDING LIGHT CONTROL							
(LT PL)	D856	1	LR1	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	POSITION LIGHTS	33-43-01	1	
S5	---	13	15	ON	---	WHITE ANTI-COLLISION	33-44-01	1	
S6	---	13	15	ON	---	WING LIGHTS	33-41-01	1	
S7	---	13	15	ON	---	RED ANTI-COLLISION LTS	33-44-01	1	
	M59	INERTIAL REFERENCE MODE PANEL							
(LT PL)	D739	1	LP1	2	---	LIGHT PLATE	---	-A	
D741	---	1	LP1	2	---	(INPUTS COMMONED)	---	-	
D743	---	1	LP1	2	---		---	-	
	M61	EMERGENCY EVACUATION CONTROL PANEL							
(LT PL)	D636	1	LP3	2	---	LIGHT PLATE	---	-A	
	M82	L HF COMMUNICATIONS CONTROL PANEL							
(LT PL)	D733	1	LP3	2	---	LIGHT PLATE	---	-A	
	M83	R HF COMMUNICATIONS CONTROL PANEL							
(LT PL)	D737	1	LR3	2	---	LIGHT PLATE	---	-A	
	M1111(YDG)	ENTERTAINMENT PNL							
(LT PL)	D1655	1	LR1	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	VIDEO POWER	23-32-01	1	
	M1619	FWD CARGO TEMP CONTROL							
(LT PL)	D13534	1	LT2	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	FWD CAR. FAULT	21-61-81	1	
	M1798	HF/SAT AUDIO XFER AND SAT/CALL RST PNL							
(LT PL)	D2695	1	LP2	2	---	LIGHT PLATE	---	-A	
	M10023	WINDSHIELD WIPER/RAIN REPELLANT CONTROL PANEL							
(LT PL)	D884	1	LR1	2	---	LIGHT PLATE	---	-A	
	M10054	FUEL QUANTITY PANEL							
(LT PL)	D3896	1	LS2	2	---	LIGHT PLATE	---	-A	
	M10055(YCL)	FUEL MANAGEMENT PANEL							
(LT PL)	D1374	1	LS6	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	R PUMP - AFT	28-22-01	2	
S2	---	13	15	ON	---	L PUMP - FWD	28-22-01	1	
S3	---	13	15	ON	---	C PUMP - RIGHT	28-22-01	3	
S4	---	13	15	ON	---	L PUMP - AFT	28-22-01	1	
S5	---	13	15	ON	---	R PUMP - FWD	28-22-01	2	
S6	---	13	15	ON	---	C PUMP - LEFT	28-22-01	3	
S7	---	13	15	(OPEN)	---	FUEL CROSSFEED VALVE	28-22-01	4	
	M10056(YCW)	LEFT LIGHTING CONTROL PANEL							
(LT PL)	D840	1	LS4	2	---	LIGHT PLATE	---	-A	
S3	---	13	15	ON	---	LT OVRD	33-11-01	1	
	M10057(YCX)	RIGHT OVERHEAD LIGHTING CONTROL PANEL							
(LT PL)	D860	1	LS4	2	---	LIGHT PLATE	---	-A	
S4	---	13	15	---	---	LOGO LT	33-45-01	1	
	M10062(YDI)	STANDBY POWER PANEL							
(LT PL)	D10216	1	LV2	2	---	LIGHT PLATE	---	-A	
S2	---	13	15	ON	---	BAT	24-33-01	1	

PNL	LIGHT/ SW/ IND	PILOTS OVERHEAD AND RIGHT SIDE PANEL LIGHTS					SCHEM	S H T	C K T
		CONN	POWER	GND	SWITCH CAP INSC	SYSTEM			
P5	M10063(YDJ)	ELECTRICAL SYSTEMS PANEL							
(LT PL)	D1382	1	LV3	2	---	LIGHT PLATE	---	-A	
S3	---	13	15	ON	---	L GEN CONT	24-20-01	1	
S4	---	13	15	ON	---	R GEN CONT	24-20-02	1	
S7	---	13	15	ON	---	L UTILITY BUS	24-51-01	3	
S8	---	13	15	ON	---	R UTILITY BUS	24-51-02	3	
S9	---	13	15	AUTO	---	L TIE BUS	24-20-01	1	
S10	---	13	15	AUTO	---	R TIE BUS	24-20-02	1	
S11	---	13	15	ON	---	APU GEN	24-20-03	1	
	M10078	COMPARTMENT TEMPERATURE PANEL							
(LT PL)	D1358	1	LT2	2	---	LIGHT PLATE	---	-A	
	M10250(YAL)	YAW DAMPER PANEL							
(LT PL)	D723	1	LP2	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	L YAW DAMPER	22-21-01	1	
S2	---	13	15	ON	---	R YAW DAMPER	22-21-02	1	
	M10395(YDM)	WINDOW HEAT CONTROL PANEL							
(LT PL)	D876	1	LT1	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	R SIDE WINDOW HEAT	30-41-01	1	
S2	---	13	15	ON	---	R FWD WINDOW HEAT	30-41-02	1	
S3	---	13	15	ON	---	L FWD WINDOW HEAT	30-41-01	1	
S4	---	13	15	ON	---	L SIDE WINDOW HEAT	30-41-02	1	
	M10397(YDN)	WING AND ENGINE ANTI-ICE CONTROL PANEL							
(LT PL)	D890	1	LV2	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	L ENG ANTI-ICE VALVE	30-21-01	1	
S2	---	13	15	ON	---	R ENG ANTI-ICE VALVE	30-21-01	1	
S3	---	13	15	ON	---	WING ANTI-ICE VALVE	30-11-01	1	
	M10761(YHW)	EEC CONTROL MODULE							
(LT PL)	D2083	1	LV2	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	L EEC CONT	73-21-01	1	
S2	---	13	15	ON	---	R EEC CONT	73-21-01	1	
	M98	FIRST OBSERVERS AUDIO SELECT PANEL							
(LT PL)	D551	1	LE2	2	---	LIGHT PLATE	---	-A	
	M1129	RIGHT SIDE OBSERVERS LIGHTING CONTROL PANEL							
(LT PL)	D10396	1	LE3	2	---	LIGHT PLATE	---	-A	
	M1254	CONTROL DISPLAY UNIT							
(LT PL)	D1833	F-	LE2	G-	---	LIGHT PLATE	---	-A	

### INSTRUMENT AND PANEL LIGHTS

- ▶ Incorporates 25-0325 R03
- ▶ MTO 230592

D280T232



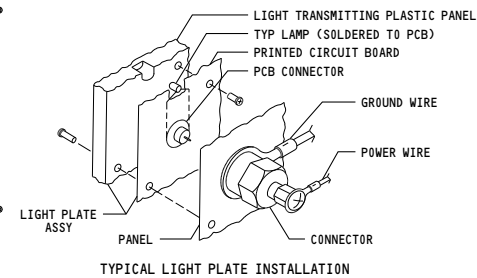
WIRING DIAGRAMS	
33-13-11	
33-13-13	
33-13-16	
33-13-17	
33-13-18	
33-13-19	
33-13-21	

NOTES:  
 1 SWITCH INTERNALS ARE NOT PART OF PANEL LIGHTS AND ARE SHOWN FOR REFERENCE ONLY.

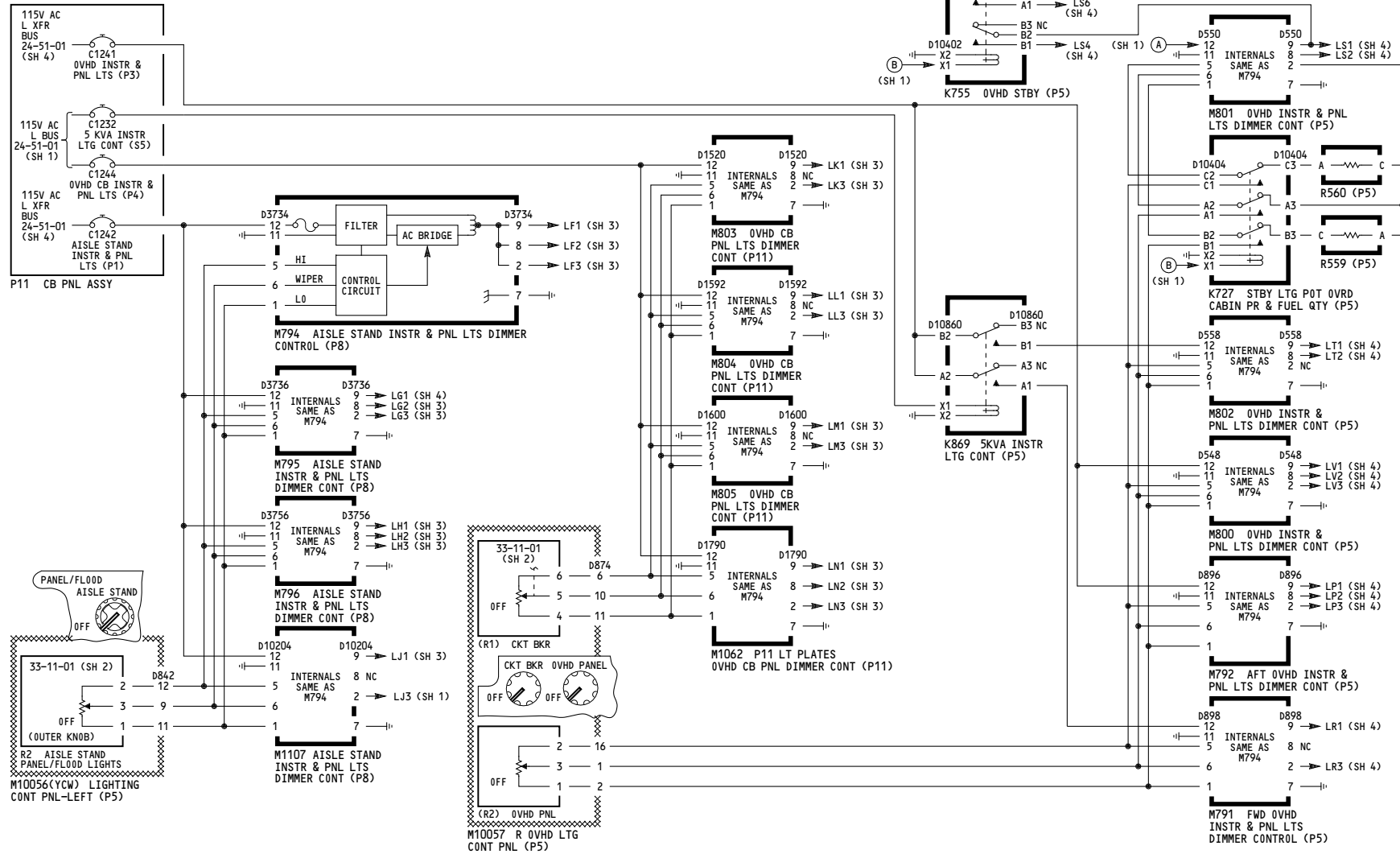
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**INSTRUMENT AND PANEL LIGHTS**

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FORWARD PANEL INSTRUMENT AND PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S	C H T
			PIN	REF PT						
—	N99	D642	=A1	LC1	=C1	—	PILOT STBY MAGNETIC COMPASS	—	—	C
P1-1	L481 N1 N3 N126 N128 S2 S3 S4 S482	D101 D645 D1819 D1839	= P = P = P = P = P = P = P = P	LD2 LD2 LD2 LD2 LD2 LD2 LD2 LD2	= G = G = G = G = G = G = G = G	— — — — — ALTN ALTN ALTN ALTN	CAPT INSTR SOURCE SEL LT PL CAPT MACH AIRSPEED INDICATOR L RADIO DIST MAG INDICATOR L METRIC ALT (PROV) L METRIC SEL ALT DISPLAY (PROV) L FMC INSTR SOURCE SEL SW L EFI INSTR SOURCE SEL SW L IRS INSTR SOURCE SEL SW CAPT ADC INSTR SOURCE SEL SW	— — — — — 34-22-09 34-22-09 34-22-09 34-12-01	1 1 1 1 1 1 2 1	B C C C C A A A A
M9053 CAPTAINS EGWS SW PNL										
—	L9009	D9131P	22	LD2	23	—	LIGHT PLATE	33-13-11	2	A
P1-3	L494 L609 L662 N2 N8 N9 N20 N22 N28 N70 N10016 S547	D10886 D111 D113 D216 D218 D220 D1363 D10122 D13	= P = P = P = P = P = P = P = P = P = P = P	LC5 LD1 LC5 LD1 LD1 LD1 LC1 LC1 LD1 LD6 LD1	= G = G = G = G = G = G = G = G = G = G = G	— — — — — — — — — — 0N	AUTO BRAKES LIGHT PLATE RESERVE BKS & STRG LIGHT PL CAUTION CANCEL/RCL LIGHT PL CAPTAINS CLOCK CAPTAINS ALTIMETER L VERTICAL SPEED INDICATOR STANDBY ATTITUDE/ILS IND STANDBY AIRSPEED INDICATOR STANDBY ALTIMETER INDICATOR CAPT AUTOLAND STATUS ANN STANDBY ENGINE INDICATOR RESERVE BKS & STRG SEL SW	— — — — — — — — — — 29-00-04	1 1 1 1 1 1 1 1 1 1 1	B B B C C C C C C A
P3-1	L491 L698 M10258 N10 N15 N41 N43 N71 S601 S602 S605 S604	D1669 D238 D240 D711 D647 D1365 — — — — — — — —	= P = P = P = P = P = P = P = P = P = P = P = P = P = P	LC4 LC4 LC4 LA2 LC4 LA2 LA2 LA2 LA2 LC4 LC4 LC5 LC5	= G = G = G = G = G = G = G = G = G = G = G = G = G = G	— — — — — — — — — ALTN ALTN OVRD OVRD	GEAR LEVER LIGHT PLATE HSI HDG REFERENCE LIGHT PLATE THRUST MODE SELECT PANEL BRAKE PRESSURE INDICATOR FLAPS POSITION INDICATOR F/O MACH AIRSPEED IND (PROV) R RADIO DIST MAG INDICATOR F/O AUTOLAND STATUS ANN ALTN TE FLAPS ARM SWITCH ALTN LE FLAPS ARM SWITCH OVRD GND PROX/CONFIG GEAR OVRD SW	— — — — — — — — — 27-51-04 27-81-03 34-4-01 31-51-05	1 1 1 1 1 1 1 1 1 1 1 1 1 1	B B B C C C C C C A A A A
M9054 F/O EGWS SW PNL										
—	L9010	D9124P	22	LA2	23	—	LIGHT PLATE	33-13-13	1	A
P3-3	L489 N42 N48 N49 N127 N129 S10 S11 S12 S483	D719 D715 D717 D1821 D1843 — — — — — —	= P = P = P = P = P = P = P = P = P = P	LA1 LA1 LA1 LA1 LA1 LA1 LA1 LA1 LA1 LA1 LA1	= G = G = G = G = G = G = G = G = G = G = G	— — — — — — ALTN ALTN ALTN ALTN	F/O INSTR SOURCE SEL LIGHT PL F/O CLOCK F/O ALTIMETER R VERTICAL SPEED INDICATOR R METRIC ALT (PROV) R METRIC SEL ALT DISPLAY (PROV) R FMC INSTR SOURCE SEL SW R EFI INSTR SOURCE SEL SW R IRS INSTR SOURCE SEL SW F/O ADC INSTR SOURCE SEL SW	— — — — — — 34-22-09 34-22-09 34-22-09 34-12-01	1 1 1 1 1 1 1 1 1 1	B C C C C C A A A A
P7	L482 L483	—	= P = P	LB7 LB5	= G = G	—	CAPT LIGHTING CONTROL LT PL F/O LIGHTING CONTROL LT PL	—	—	B B
P13	M901 CAPTAINS HEATER CONTROL PANEL									
(LT PL)	D3780	1	LD2	2	—	—	LIGHT PLATE	—	—	A
P14	M902 F/O HEATER CONTROL PANEL									
(LT PL)	D3762	1	LA3	2	—	—	LIGHT PLATE	—	—	A
P55	M90 AFCS MODE CONTROL PANEL									
(LT PL)	D479	1	LB6	2	—	—	LIGHT PLATE	—	—	A
M91 L VOR CONTROL PANEL										
(LT PL)	D869	1	LB1	2	—	—	LIGHT PLATE	—	—	A
M92 R VOR CONTROL PANEL										
(LT PL)	D871	1	LB5	2	—	—	LIGHT PLATE	—	—	A

CONTROL STAND INSTRUMENT AND PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S	C H T
			PIN	REF PT						
P8	M70 CAPTAINS AUDIO SELECT PANEL									
(LT PL)	D257	1	LJ6	2	—	—	LIGHT PLATE	—	—	A
M71 FIRST OFFICER AUDIO SELECT PANEL										
(LT PL)	D259	1	LH1	2	—	—	LIGHT PLATE	—	—	A
M74 AILERON RUDDER TRIM CONTROL PANEL										
(LT PL)	D1830	1	LG2	2	—	—	LIGHT PLATE	—	—	A
N83 D1832 1 LG2 2 — RUDDER TRIM INDICATOR										
M75 WEATHER RADAR CONTROL PANEL										
(LT PL)	D395	P	LJ1	E	—	—	LIGHT PLATE	—	—	A
M78 L VHF COMMUNICATIONS CONTROL PANEL										
(LT PL)	D407	1	LJ6	2	—	—	LIGHT PLATE	—	—	A
M79 R VHF COMMUNICATIONS CONTROL PANEL										
(LT PL)	D409	1	LH1	2	—	—	LIGHT PLATE	—	—	A
M80 CENTER VHF COMMUNICATIONS CONTROL PANEL										
(LT PL)	D411	1	LG3	2	—	—	LIGHT PLATE	—	—	A
M81 DUAL AIR TRAFFIC CONTROL PANEL										
(LT PL)	D303	1	LG2	2	—	—	LIGHT PLATE	—	—	A
M87 ILS CONTROL PANEL										
(LT PL)	D603	1	LJ6	2	—	—	LIGHT PLATE	—	—	A
M939 ACARS PRINTER (PROVISIONS)										
(LT PL)	D637	1	LG2	2	—	—	LIGHT PLATE	—	—	A
M1046 DUAL ADF CONTROL PANEL										
(LT PL)	D1629	1	LJ6	2	—	—	LIGHT PLATE	—	—	A
M1169 MULT-INPUT PRINTER										
(LT PL)	D1729	M	LG3	E-	—	—	LIGHT PLATE	—	—	A
M9048 ACARS VOICE/DATA SELECT										
(LT PL)	D9090	1	LJ1	2	—	—	LIGHT PLATE	—	—	A
M10444(YD0) APU/CARGO FIRE CONTROL PANEL										
(LT PL)	D864	1	LH2	2	—	—	LIGHT PLATE	—	—	A
S1	—	13	15	ARMED	—	—	FWD CARGO FIRE SWITCH	26-23-01	1	
S2	—	13	15	ARMED	—	—	AFT CARGO FIRE SWITCH	26-23-01	1	
M10445 FIRE/OVERHEAT TEST PANEL										
(LT PL)	D10104	1	LJ1	2	—	—	LIGHT PLATE	—	—	A
P9	M76 L FMC CONTROL DISPLAY UNIT									
(LT PL)	D465	28	LF2	29	—	—	LIGHT PLATE	—	—	A
M77 R FMC CONTROL DISPLAY UNIT										
(LT PL)	D467	28	LH2	29	—	—	LIGHT PLATE	—	—	A
M10195 EICAS DISPLAY SELECT PANEL										
(LT PL)	D209	40	LF1	41	—	—	LIGHT PLATE	—	—	A

INSTRUMENT AND PANEL LIGHTS										
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S	C H T
			PIN	REF PT						
P10	L496 L576 L577 L604 N68 N69	—	= P = P = P = P = P = P	LG3 LF3 LF3 LF3 LF3 LF3	= G = G = G = G = G = G	— — — — — —	STAB. TRIM C/O CONT LT PL FLAP SETTING LT PL SPEED BRAKE LT PL FUEL CONTROL LT PL CAPT STAB. POSITION IND F/O STAB. POSITION IND	— — — — — —	— — — — — —	B B B B C C
M93 RIGHT EFIS CONTROL PANEL										
(LT PL)	D471	1	LH3	2	—	—	LIGHT PLATE	—	—	A
M94 LEFT EFIS CONTROL PANEL										
(LT PL)	D469	1	LF3	2	—	—	LIGHT PLATE	—	—	A
P11-3	L499 L500 L501 L502 L503 L504 L505	—	= P = P = P = P = P = P = P	LM1 LM1 LM1 LM1 LM1 LM1 LM1	= G = G = G = G = G = G = G	— — — — — — —	ROW 1 L LIGHT PLATE ROW 2 L LIGHT PLATE ROW 3 L LIGHT PLATE ROW 4 L LIGHT PLATE ROW 5 L LIGHT PLATE ROW 6 L LIGHT PLATE ROW 7 L LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-2	L506 L507 L508 L509 L510 L511 L512	—	= P = P = P = P = P = P = P	LL1 LL1 LL1 LL1 LL1 LN2 LN2	= G = G = G = G = G = G = G	— — — — — — —	ROW 8 L LIGHT PLATE ROW 9 L LIGHT PLATE ROW 10 L LIGHT PLATE ROW 11 L LIGHT PLATE ROW 12 L LIGHT PLATE ROW 13 L LIGHT PLATE ROW 14 L LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-1	L513 L514 L515 L516 L517 L518 L519	—	= P = P = P = P = P = P = P	LK1 LK1 LK1 LK1 LK1 LN3 LN3	= G = G = G = G = G = G = G	— — — — — — —	ROW 15 L LIGHT PLATE ROW 16 L LIGHT PLATE ROW 17 L LIGHT PLATE ROW 18 L LIGHT PLATE ROW 19 L LIGHT PLATE ROW 20 L LIGHT PLATE ROW 21 L LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-6	L520 L521 L522 L523 L524 L525 L526	—	= P = P = P = P = P = P = P	LM3 LM3 LM3 LM3 LM1 LM1	= G = G = G = G = G = G = G	— — — — — — —	ROW 1 R LIGHT PLATE ROW 2 R LIGHT PLATE ROW 3 R LIGHT PLATE ROW 4 R LIGHT PLATE ROW 5 R LIGHT PLATE ROW 6 R LIGHT PLATE ROW 7 R LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-5	L527 L528 L529 L530 L531 L532 L533	—	= P = P = P = P = P = P = P	LL3 LL3 LL3 LL3 LN2 LN2	= G = G = G = G = G = G = G	— — — — — — —	ROW 8 R LIGHT PLATE ROW 9 R LIGHT PLATE ROW 10 R LIGHT PLATE ROW 11 R LIGHT PLATE ROW 12 R LIGHT PLATE ROW 13 R LIGHT PLATE ROW 14 R LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-4	L534 L535 L536 L537 L538 L539 L540	—	= P = P = P = P = P = P = P	LK3 LK3 LK3 LK3 LN3 LN3	= G = G = G = G = G = G = G	— — — — — — —	ROW 15 R LIGHT PLATE ROW 16 R LIGHT PLATE ROW 17 R LIGHT PLATE ROW 18 R LIGHT PLATE ROW 19 R LIGHT PLATE ROW 20 R LIGHT PLATE ROW 21 R LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B

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### INSTRUMENT AND PANEL LIGHTS

- ▶ Incorporates MTO-230607
- ▶ MTO-340961

D280T232

33-13-01

PNL	LIGHT/ SW/ IND	PILOTS OVERHEAD PANEL LIGHTS					SCHEM	S H T	C K T
		CONN	POWER	GND	SWITCH CAP INSC	SYSTEM			
P5	M1	APU CONTROL PANEL							
(LT PL)	D1394	1	LV2	2	---	LIGHT PLATE	---	-A	
	M10(YC)	HYDRAULICS SYSTEMS CONTROL PANEL							
(LT PL)	D1312	1	LV1	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	L ENG PRIMARY PUMP	29-00-02 1		
S2	---	13	15	ON	---	C ELEC 1 PRIMARY PUMP	29-00-04 1		
S3	---	13	15	ON	---	C ELEC 2 PRIMARY PUMP	29-00-04 3		
S4	---	13	15	ON	---	R ENG PRIMARY PUMP	29-00-03 1		
	M13	CABIN PRESSURE SELECT PANEL							
(LT PL)	D1324	1	LS1	2	---	LIGHT PLATE	---	-A	
N1	---	1	2	---	---	VALVE POSITION IND	---		
N2	---	1	2	---	---	LDG ALTITUDE	---		
	M14(YBF)	TEMPERATURE CONTROL PANEL							
(LT PL)	D1302	1	LV2	2	---	LIGHT PLATE	---	-A	
N1	---	1	2	---	---	TEMP CONT VALVE POS	---		
S1	---	13	15	ON	---	TRIM AIR	21-60-01 1		
S2	---	13	15	ON	---	L RECIRC FAN	21-25-01 1		
S3	---	13	15	ON	---	R RECIRC FAN	21-25-02 1		
	M15(YC2)	BLEED AIR SUPPLY PANEL							
(LT PL)	D1348	1	LP1	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	(OPEN)	---	L ISLN VALVE	36-11-01 1		
S2	---	13	15	(OPEN)	---	C ISLN VALVE	36-11-03 1		
S3	---	13	15	(OPEN)	---	R ISLN VALVE	36-11-02 1		
S4	---	13	15	(ON)	---	L ENG VALVE	36-11-05 1		
S5	---	13	15	(OPEN)	---	APU VALVE	36-11-04 2		
S6	---	13	15	(ON)	---	R ENG VALVE	36-11-06 2		
	N122	D3892	1	LP1	2	DUAL DUCT PRESSURE IND (LOC ON M15 PNL)	---	-C	
	M17	EQUIPMENT COOLING CONTROL PANEL							
(LT PL)	D1366	1	LS6	2	---	LIGHT PLATE	---	-A	
	M19	CABIN PRESSURE GAUGES PANEL							
(LT PL)	D1776	1	LS1	2	---	LIGHT PLATE	---	-A	
	M29(YDB)	CARGO HEAT CONTROL PANEL							
(LT PL)	D3842	1	LP3	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	FWD CARGO HEAT	21-43-01 1		
S2	---	13	15	ON	---	AFT CARGO HEAT	21-44-01 1		
S3	---	13	15	ON	---	BULK CARGO HEAT	21-44-02 1		
	M43	EMERGENCY LIGHTS CONTROL PANEL							
(LT PL)	D838	1	LP2	2	---	LIGHT PLATE	---	-A	
	M49	ENGINE IGNITION AND START CONTROL PANEL							
(LT PL)	D848	1	LP3	2	---	LIGHT PLATE	---	-A	
	M50	VOICE RECORDER CONTROL PANEL							
(LT PL)	D731	Y	LR3	2	---	LIGHT PLATE	---	-A	
	M51	PILOTS CALL PANEL							
(LT PL)	D735	1	LP2	2	---	LIGHT PLATE	---	-A	
	M52	PASSENGER SIGNS CONTROL PANEL							
(LT PL)	D854	1	LT1	2	---	LIGHT PLATE	---	-A	

PNL	LIGHT/ SW/ IND	PILOTS OVERHEAD PANEL LIGHTS					SCHEM	S H T	C K T
		CONN	POWER	GND	SWITCH CAP INSC	SYSTEM			
P5	M56(YCT)	ANTI-COLLISION AND LANDING LIGHT CONTROL							
(LT PL)	D856	1	LR1	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	POSITION LIGHTS	33-43-01 1		
S5	---	13	15	ON	---	WHITE ANTI-COLLISION	33-44-01 1		
S6	---	13	15	ON	---	WING LIGHTS	33-41-01 1		
S7	---	13	15	ON	---	RED ANTI-COLLISION LTS	33-44-01 1		
	M59	INERTIAL REFERENCE MODE PANEL							
(LT PL)	D739	1	LP1	2	---	LIGHT PLATE	---	-A	
D741	---	1	LP1	2	---	(INPUTS COMMONED)	---		
D743	---	1	LP1	2	---		---		
	M61	EMERGENCY EVACUATION CONTROL PANEL							
(LT PL)	D636	1	LP3	2	---	LIGHT PLATE	---	-A	
	M82	L HF COMMUNICATIONS CONTROL PANEL							
(LT PL)	D733	1	LP3	2	---	LIGHT PLATE	---	-A	
	M83	R HF COMMUNICATIONS CONTROL PANEL							
(LT PL)	D737	1	LR3	2	---	LIGHT PLATE	---	-A	
	M1111(YDG)	ENTERTAINMENT PNL							
(LT PL)	D1655	1	LR1	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	VIDEO POWER	23-32-01 1		
	M1619	FWD CARGO TEMP CONTROL							
(LT PL)	D13534	1	LT2	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	FWD CAR. FAULT	21-61-81 1		
	M1798	HF/SAT AUDIO XFER AND SAT/CALL RST PNL							
(LT PL)	D2695	1	LP2	2	---	LIGHT PLATE	---	-A	
	M10023	WINDSHIELD WIPER/RAIN REPELLANT CONTROL PANEL							
(LT PL)	D884	1	LR1	2	---	LIGHT PLATE	---	-A	
	M10054	FUEL QUANTITY PANEL							
(LT PL)	D3896	1	LS2	2	---	LIGHT PLATE	---	-A	
	M10055(YCL)	FUEL MANAGEMENT PANEL							
(LT PL)	D1374	1	LS6	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	R PUMP - AFT	28-22-01 2		
S2	---	13	15	ON	---	L PUMP - FWD	28-22-01 1		
S3	---	13	15	ON	---	C PUMP - RIGHT	28-22-01 3		
S4	---	13	15	ON	---	L PUMP - AFT	28-22-01 1		
S5	---	13	15	ON	---	R PUMP - FWD	28-22-01 2		
S6	---	13	15	ON	---	C PUMP - LEFT	28-22-01 3		
S7	---	13	15	(OPEN)	---	FUEL CROSSFEED VALVE	28-22-01 4		
	M10056(YCW)	LEFT LIGHTING CONTROL PANEL							
(LT PL)	D840	1	LS4	2	---	LIGHT PLATE	---	-A	
S3	---	13	15	ON	---	LT OVRD	33-11-01 1		
	M10057(YCX)	RIGHT OVERHEAD LIGHTING CONTROL PANEL							
(LT PL)	D860	1	LS4	2	---	LIGHT PLATE	---	-A	
S4	---	13	15	---	---	LOGO LT	33-45-01 1		
	M10062(YDI)	STANDBY POWER PANEL							
(LT PL)	D10216	1	LV2	2	---	LIGHT PLATE	---	-A	
S2	---	13	15	ON	---	BAT	24-33-01 1		

PNL	LIGHT/ SW/ IND	PILOTS OVERHEAD AND RIGHT SIDE PANEL LIGHTS					SCHEM	S H T	C K T
		CONN	POWER	GND	SWITCH CAP INSC	SYSTEM			
P5	M10063(YDJ)	ELECTRICAL SYSTEMS PANEL							
(LT PL)	D1382	1	LV3	2	---	LIGHT PLATE	---	-A	
S3	---	13	15	ON	---	L GEN CONT	24-20-01 1		
S4	---	13	15	ON	---	R GEN CONT	24-20-02 1		
S7	---	13	15	ON	---	L UTILITY BUS	24-51-01 3		
S8	---	13	15	ON	---	R UTILITY BUS	24-51-02 3		
S9	---	13	15	AUTO	---	L TIE BUS	24-20-01 1		
S10	---	13	15	AUTO	---	R TIE BUS	24-20-02 1		
S11	---	13	15	ON	---	APU GEN	24-20-03 1		
	M10078	COMPARTMENT TEMPERATURE PANEL							
(LT PL)	D1358	1	LT2	2	---	LIGHT PLATE	---	-A	
	M10250(YAL)	YAW DAMPER PANEL							
(LT PL)	D723	1	LP2	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	L YAW DAMPER	22-21-01 1		
S2	---	13	15	ON	---	R YAW DAMPER	22-21-02 1		
	M10395(YDM)	WINDOW HEAT CONTROL PANEL							
(LT PL)	D876	1	LT1	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	R SIDE WINDOW HEAT	30-41-01 1		
S2	---	13	15	ON	---	R FWD WINDOW HEAT	30-41-02 1		
S3	---	13	15	ON	---	L FWD WINDOW HEAT	30-41-01 1		
S4	---	13	15	ON	---	L SIDE WINDOW HEAT	30-41-02 1		
	M10397(YDN)	WING AND ENGINE ANTI-ICE CONTROL PANEL							
(LT PL)	D890	1	LV2	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	L ENG ANTI-ICE VALVE	30-21-01 1		
S2	---	13	15	ON	---	R ENG ANTI-ICE VALVE	30-21-01 1		
S3	---	13	15	ON	---	WING ANTI-ICE VALVE	30-11-01 1		
	M10761(YHW)	EEC CONTROL MODULE							
(LT PL)	D2083	1	LV2	2	---	LIGHT PLATE	---	-A	
S1	---	13	15	ON	---	L EEC CONT	73-21-01 1		
S2	---	13	15	ON	---	R EEC CONT	73-21-01 1		
	P61	M98 FIRST OBSERVERS AUDIO SELECT PANEL							
(LT PL)	D551	1	LE2	2	---	LIGHT PLATE	---	-A	
	M1129	RIGHT SIDE OBSERVERS LIGHTING CONTROL PANEL							
(LT PL)	D10396	1	LE3	2	---	LIGHT PLATE	---	-A	
	M1254	CONTROL DISPLAY UNIT							
(LT PL)	D1833	F-	LE2	G-	---	LIGHT PLATE	---	-A	

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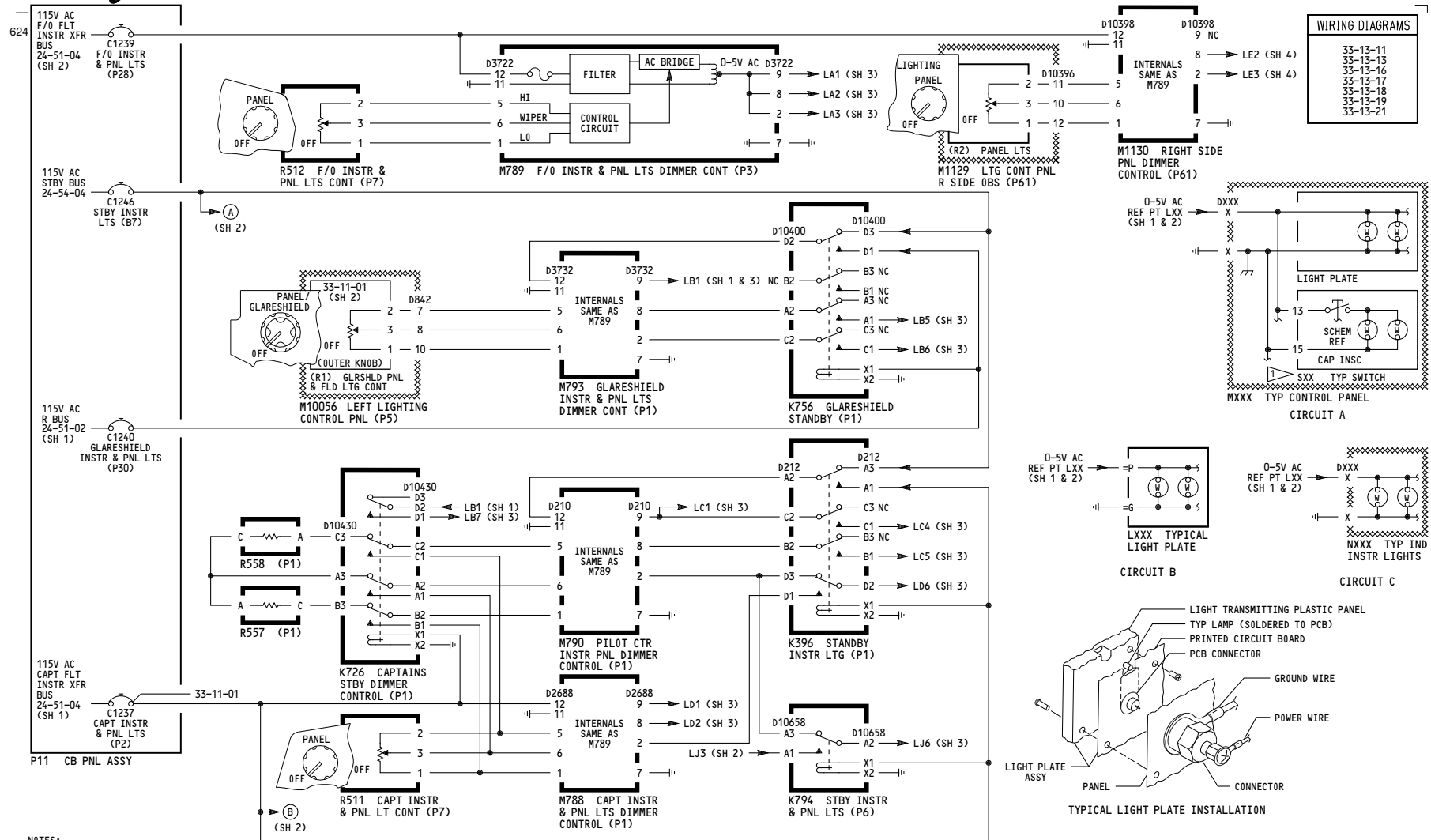
**INSTRUMENT AND PANEL LIGHTS**

Incorporates  
MTO 230592

**33-13-01**

D280T232





WIRING DIAGRAMS	
33-13-11	
33-13-13	
33-13-16	
33-13-17	
33-13-18	
33-13-19	
33-13-21	

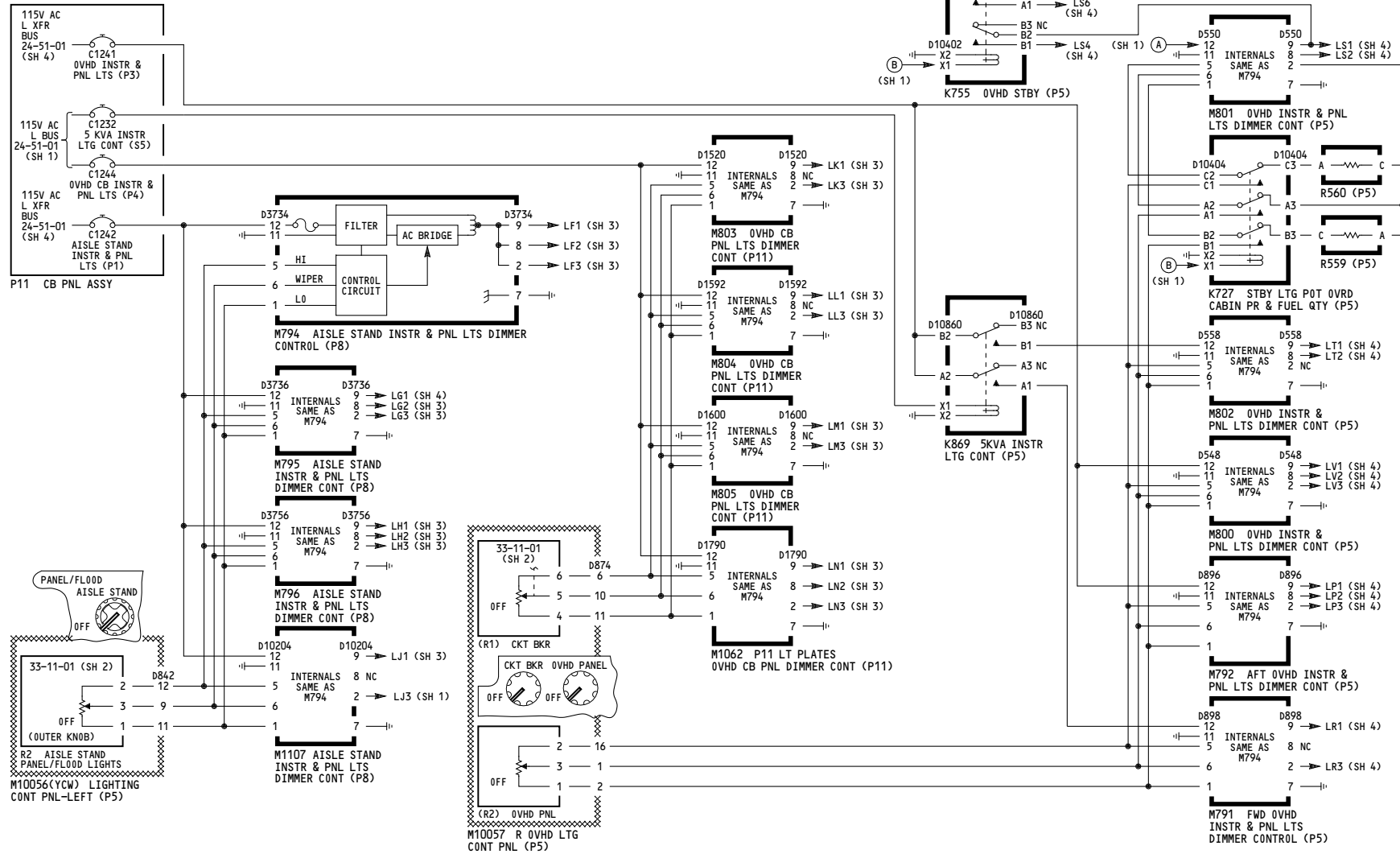
NOTES:  
 1 SWITCH INTERNALS ARE NOT PART OF PANEL LIGHTS AND ARE SHOWN FOR REFERENCE ONLY.

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**INSTRUMENT AND PANEL LIGHTS**

D280T232

**33-13-01**

FORWARD PANEL INSTRUMENT AND PANEL LIGHTS									
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H K T
			PIN	REF PT					
—	N99	D642	=A1	LC1	=C1	—	PILOT STBY MAGNETIC COMPASS	—	C
P1-1	L481 N3 S3 S4 S482	D645	= P — — — —	LD2 LD6 LD2 LD2 LD2	= G — — — —	—	CAPT INSTR SOURCE SEL LT PL L RADIO DIST MAG INDICATOR L EFI INSTR SOURCE SEL SW IRS INSTR SOURCE SEL SW CAPT ADC INSTR SOURCE SEL SW	— — — — —	B C A A A
M9053 CAPTAINS EGPWS SW PNL									
—	L9009	D9131P	22	LD2	23	—	LIGHT PLATE	33-13-11	2 A
P1-3	L494 L609 L662 N2 N8 N9 N20 N22 N23 N70 N10016 S547	— — — D103 D113 D216 D218 D220 D1363 D10122	= P — — = P — — — — — — — — — —	LC5 LD1 LC5 LD6 LD1 LD1 LC1 LC1 LC1 LD1 LD6 LD1	= G — = G — — — — — — — — — — —	—	AUTO BRAKES LIGHT PLATE RESERVE BKS & STRG LIGHT PL CAUTION CANCEL/RCL LIGHT PL CAPTAINS ALTIMETER CAPTAINS ALTIMETER L VERTICAL SPEED INDICATOR STANDBY ATTITUDE/ILS IND STANDBY AIRSPEED INDICATOR STANDBY ALTIMETER INDICATOR CAPT AUTOLAND STATUS ANN STANDBY ENGINE INDICATOR RESERVE BKS & STRG SEL SW	— — — — — — — — — — — — — — —	B B B C C C C C C C C A A
P3-1	L491 L698 M10258 N10 N15 N41 N43 N71 S601 S602 S603 S604	— — D1669 D238 D240 D711 D647 D1365	= P = P — — — — — — — — — — — —	LC4 LC4 LC4 LA2 LA2 LA2 LA2 LA2 LC4 LC4 LC5 LC5	= G = G — — — — — — — — — — — —	—	GEAR LEVER LIGHT PLATE HSI HDG REFERENCE LIGHT PLATE THRUST MODE SELECT PANEL BRAKE PRESSURE INDICATOR FLAPS POSITION INDICATOR F/O MACH AIRSPEED INDICATOR R RADIO DIST MAG INDICATOR F/O AUTOLAND STATUS ANN ALTN ALTN TE FLAPS ARM SWITCH ALTN ALTN LE FLAPS ARM SWITCH OVRD GND PROX FLAP OVRD SWITCH OVRD GND PROX/CONFIG GEAR OVRD SW	— — — — — — — — — — — — — — —	B B B C C C C C C A A A A
M9054 F/O EGPWS SW PNL									
—	L9010	D9124P	22	LA2	23	—	LIGHT PLATE	33-13-13	1 A
P3-3	L489 N42 N48 N49 N127 N129 S11 S12 S483	— D719 D715 D717 D1821 D1843	= P — — — — — — — —	LA1 LA1 LA1 LA1 LA1 LA1 LA1 LA1 LA1	= G — — — — — — — —	—	F/O INSTR SOURCE SEL LIGHT PL F/O CLOCK F/O ALTIMETER R VERTICAL SPEED INDICATOR R METRIC ALT (PROV) R METRIC SEL ALT DISPLAY (PROV) R EFI INSTR SOURCE SEL SW R IRS INSTR SOURCE SEL SW F/O ADC INSTR SOURCE SEL SW	— — — — — — — — —	B C C C C C A A A
P7	L482 L483	— —	= P = P	LB7 LB5	= G = G	—	CAPT LIGHTING CONTROL LT PL F/O LIGHTING CONTROL LT PL	— —	B B
P13	M901 CAPTAINS HEATER CONTROL PANEL								
—	(LT PL)	D3780	1	LD2	2	—	LIGHT PLATE	—	A
P14	M902 F/O HEATER CONTROL PANEL								
—	(LT PL)	D3762	1	LA3	2	—	LIGHT PLATE	—	A
P15	M889 CAPT BOOM MIC JACK PANEL								
—	(LT PL)	D1353	1	LD2	2	—	LIGHT PLATE	—	A
P16	M890 F/O BOOM MIC JACK PANEL								
—	(LT PL)	D1355	1	LA2	2	—	LIGHT PLATE	—	A
P55	M90 AFCS MODE CONTROL PANEL								
—	(LT PL)	D479	1	LB6	2	—	LIGHT PLATE	—	A
M91 L VOR CONTROL PANEL									
—	(LT PL)	D869	1	LB1	2	—	LIGHT PLATE	—	A
M92 R VOR CONTROL PANEL									
—	(LT PL)	D871	1	LB5	2	—	LIGHT PLATE	—	A

CONTROL STAND INSTRUMENT AND PANEL LIGHTS									
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H K T
			PIN	REF PT					
P8	M70 CAPTAINS AUDIO SELECT PANEL								
—	(LT PL)	D257	1	LJ6	2	—	LIGHT PLATE	—	A
M71 FIRST OFFICER AUDIO SELECT PANEL									
—	(LT PL)	D259	1	LH1	2	—	LIGHT PLATE	—	A
M74 ALLECON RUDDER TRIM CONTROL PANEL									
—	(LT PL)	D1830	1	LG2	2	—	LIGHT PLATE	—	A
—	N83	D1832	1	LG2	2	—	RUDDER TRIM INDICATOR	—	C
M75 WEATHER RADAR CONTROL PANEL									
—	(LT PL)	D395	P	LJ1	E	—	LIGHT PLATE	—	A
M78 L VHF COMMUNICATIONS CONTROL PANEL									
—	(LT PL)	D407	1	LJ6	2	—	LIGHT PLATE	—	A
M79 R VHF COMMUNICATIONS CONTROL PANEL									
—	(LT PL)	D409	1	LH1	2	—	LIGHT PLATE	—	A
M80 CENTER VHF COMMUNICATIONS CONTROL PANEL									
—	(LT PL)	D411	1	LG3	2	—	LIGHT PLATE	—	A
M81 DUAL AIR TRAFFIC CONTROL PANEL									
—	(LT PL)	D303	1	LG2	2	—	LIGHT PLATE	—	A
M87 ILS CONTROL PANEL									
—	(LT PL)	D603	1	LJ6	2	—	LIGHT PLATE	—	A
M1046 DUAL ADF CONTROL PANEL									
—	(LT PL)	D249	1	LJ6	2	—	LIGHT PLATE	—	A
M1631 MULT-INPUT PRINTER									
—	(LT PL)	D2307	E-	LG3	M	—	LIGHT PLATE	—	A
M10444(YD0) APU/CARGO FIRE CONTROL PANEL									
—	(LT PL)	D864	—	1	LH2	2	LIGHT PLATE	—	A
—	S1	—	13	—	15	ARMED	FWD CARGO FIRE SWITCH	26-23-01	1
—	S2	—	13	—	15	ARMED	AFT CARGO FIRE SWITCH	26-23-01	1
M10445 FIRE/OVERHEAT TEST PANEL									
—	(LT PL)	D10104	1	LJ1	2	—	LIGHT PLATE	—	A
P9	M76 L FMC CONTROL DISPLAY UNIT								
—	(LT PL)	D465	28	LF2	29	—	LIGHT PLATE	—	A
M77 R FMC CONTROL DISPLAY UNIT									
—	(LT PL)	D467	28	LH2	29	—	LIGHT PLATE	—	A
M10195 EICAS DISPLAY SELECT PANEL									
—	(LT PL)	D209	40	LF1	41	—	LIGHT PLATE	—	A

NOTES:  
 1 INSTRUMENT NOT INSTALLED, WIRES CAPPED AND STOWED

INSTRUMENT AND PANEL LIGHTS									
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H K T
			PIN	REF PT					
P10	L496 L576 L577 L604 M68 M69	— — — — D2236 D2238	= P — — — — —	LG3 LF3 LF3 LG3 LF3 LH3	= G — = G = G = G = G	—	STAB. TRIM C/O CONT LT PL FLAP SETTING LT PL SPEED BRAKE LT PL FUEL CONTROL LT PL CAPT STAB. POSITION IND F/O STAB. POSITION IND	— — — — — —	B B B B C C
M93 RIGHT EFIS CONTROL PANEL									
—	(LT PL)	D471	1	LH3	2	—	LIGHT PLATE	—	A
M94 LEFT EFIS CONTROL PANEL									
—	(LT PL)	D469	1	LF3	2	—	LIGHT PLATE	—	A
P11-3	L499 L500 L501 L502 L503 L504 L505	— — — — — — —	= P = P = P = P = P = P = P	LM1 LM1 LM1 LM1 LM1 LM1 LM1	= G — = G = G = G = G = G	—	ROW 1 L LIGHT PLATE ROW 2 L LIGHT PLATE ROW 3 L LIGHT PLATE ROW 4 L LIGHT PLATE ROW 5 L LIGHT PLATE ROW 6 L LIGHT PLATE ROW 7 L LIGHT PLATE	— — — — — — —	B B B B B B B
P11-2	L506 L507 L508 L509 L510 L511 L512	— — — — — — —	= P = P = P = P = P = P = P	LL1 LL1 LL1 LL1 LL1 LN2 LN2	= G = G = G = G = G = G = G	—	ROW 8 L LIGHT PLATE ROW 9 L LIGHT PLATE ROW 10 L LIGHT PLATE ROW 11 L LIGHT PLATE ROW 12 L LIGHT PLATE ROW 13 L LIGHT PLATE ROW 14 L LIGHT PLATE	— — — — — — —	B B B B B B B
P11-1	L513 L514 L515 L516 L517 L518 L519	— — — — — — —	= P = P = P = P = P = P = P	LK1 LK1 LK1 LK1 LK1 LN3 LN3	= G = G = G = G = G = G = G	—	ROW 15 L LIGHT PLATE ROW 16 L LIGHT PLATE ROW 17 L LIGHT PLATE ROW 18 L LIGHT PLATE ROW 19 L LIGHT PLATE ROW 20 L LIGHT PLATE ROW 21 L LIGHT PLATE	— — — — — — —	B B B B B B B
P11-6	L520 L521 L522 L523 L524 L525 L526	— — — — — — —	= P = P = P = P = P = P = P	LM3 LM3 LM3 LM3 LM3 LN1 LN1	= G = G = G = G = G = G = G	—	ROW 1 R LIGHT PLATE ROW 2 R LIGHT PLATE ROW 3 R LIGHT PLATE ROW 4 R LIGHT PLATE ROW 5 R LIGHT PLATE ROW 6 R LIGHT PLATE ROW 7 R LIGHT PLATE	— — — — — — —	B B B B B B B
P11-5	L527 L528 L529 L530 L531 L532 L533	— — — — — — —	= P = P = P = P = P = P = P	LL3 LL3 LL3 LL3 LL3 LN2 LN2	= G = G = G = G = G = G = G	—	ROW 8 R LIGHT PLATE ROW 9 R LIGHT PLATE ROW 10 R LIGHT PLATE ROW 11 R LIGHT PLATE ROW 12 R LIGHT PLATE ROW 13 R LIGHT PLATE ROW 14 R LIGHT PLATE	— — — — — — —	B B B B B B B
P11-4	L534 L535 L536 L537 L538 L539 L540	— — — — — — —	= P = P = P = P = P = P = P	LK3 LK3 LK3 LK3 LK3 LN3 LN3	= G = G = G = G = G = G = G	—	ROW 15 R LIGHT PLATE ROW 16 R LIGHT PLATE ROW 17 R LIGHT PLATE ROW 18 R LIGHT PLATE ROW 19 R LIGHT PLATE ROW 20 R LIGHT PLATE ROW 21 R LIGHT PLATE	— — — — — — —	B B B B B B B

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**INSTRUMENT AND PANEL LIGHTS**

Incorporates  
 MTO-340961

**33-13-01**

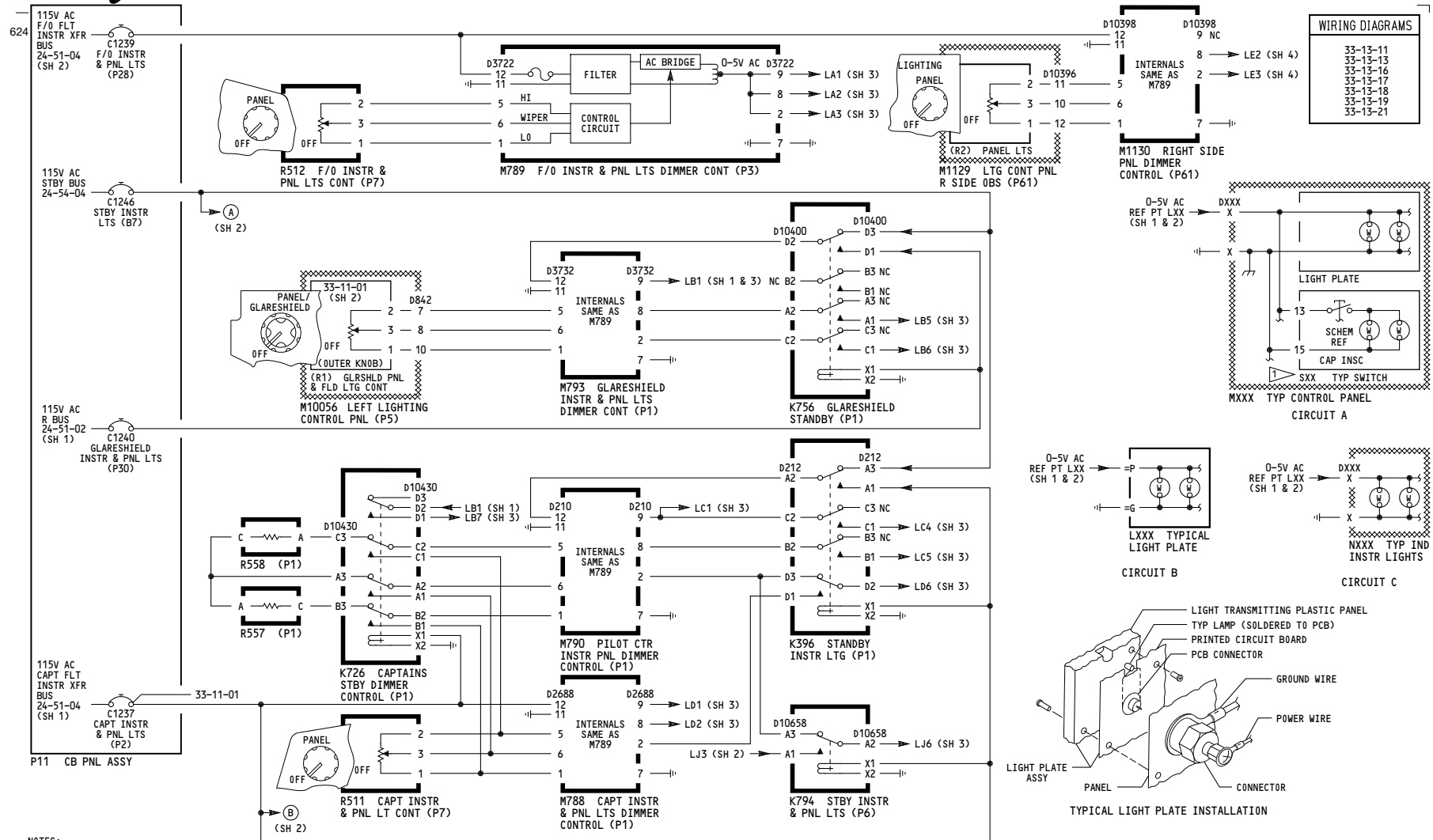
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D280T232

PNL	LIGHT/ SW/ IND	CONN		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H	C K T
		PIN	REF PT						
PILOTS OVERHEAD PANEL LIGHTS									
P5	M1	APU CONTROL PANEL							
(LT PL)	D1394	1	LV2	2	---	LIGHT PLATE	---	---	A
M10(YCY) HYDRAULICS SYSTEMS CONTROL PANEL									
(LT PL)	D1312	1	LV1	2	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	L ENG PRIMARY PUMP	29-00-02	1	---
S2	---	13	15	ON	---	C ELEC 1 PRIMARY PUMP	29-00-04	1	---
S3	---	13	15	ON	---	C ELEC 2 PRIMARY PUMP	29-00-04	3	---
S4	---	13	15	ON	---	R ENG PRIMARY PUMP	29-00-03	1	---
M13 CABIN PRESSURE SELECT PANEL									
(LT PL)	D1324	1	LS1	2	---	LIGHT PLATE	---	---	A
N1	---	1	2	---	---	VALVE POSITION IND	---	---	---
N2	---	1	2	---	---	LDG ALTITUDE	---	---	---
M14(YBF) TEMPERATURE CONTROL PANEL									
(LT PL)	D1302	1	LV2	2	---	LIGHT PLATE	---	---	A
N1	---	1	2	---	---	TEMP CONT VALVE POS	---	---	---
S1	---	13	15	ON	---	TRIM AIR	21-60-01	1	---
S2	---	13	15	ON	---	L RECIRC FAN	21-25-01	1	---
S3	---	13	15	ON	---	R RECIRC FAN	21-25-02	1	---
M15(YCZ) BLEED AIR SUPPLY PANEL									
(LT PL)	D1348	1	LP1	2	---	LIGHT PLATE	---	---	A
S1	---	13	15	(OPEN)	---	L ISLN VALVE	36-11-01	1	---
S2	---	13	15	(OPEN)	---	C ISLN VALVE	36-11-03	1	---
S3	---	13	15	(OPEN)	---	R ISLN VALVE	36-11-02	1	---
S4	---	13	15	(ON)	---	L ENG VALVE	36-11-05	1	---
S5	---	13	15	(ON)	---	APU VALVE	36-11-04	2	---
S6	---	13	15	(ON)	---	R ENG VALVE	36-11-06	2	---
N122	D3892	1	LP1	2	---	DUAL DUCT PRESSURE IND	---	---	C
M17 EQUIPMENT COOLING CONTROL PANEL									
(LT PL)	D1366	1	LS6	2	---	LIGHT PLATE	---	---	A
M19 CABIN PRESSURE GAUGES PANEL									
(LT PL)	D1776	1	LS1	2	---	LIGHT PLATE	---	---	A
M29(YDB) CARGO HEAT CONTROL PANEL									
(LT PL)	D3842	1	LP3	2	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	FWD CARGO HEAT	21-43-01	1	---
S2	---	13	15	ON	---	AFT CARGO HEAT	21-44-01	1	---
S3	---	13	15	ON	---	BULK CARGO HEAT	21-44-02	1	---
M43 EMERGENCY LIGHTS CONTROL PANEL									
(LT PL)	D838	1	LP2	2	---	LIGHT PLATE	---	---	A
M49 ENGINE IGNITION AND START CONTROL PANEL									
(LT PL)	D848	1	LP3	2	---	LIGHT PLATE	---	---	A
M50 VOICE RECORDER CONTROL PANEL									
(LT PL)	D731	Y	LR3	2	---	LIGHT PLATE	---	---	A
M51 PILOTS CALL PANEL									
(LT PL)	D735	1	LP2	2	---	LIGHT PLATE	---	---	A
M52 PASSENGER SIGNS CONTROL PANEL									
(LT PL)	D854	1	LT1	2	---	LIGHT PLATE	---	---	A

PNL	LIGHT/ SW/ IND	CONN		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H	C K T
		PIN	REF PT						
PILOTS OVERHEAD PANEL LIGHTS									
P5	M56(YCT)	ANTI-COLLISION AND LANDING LIGHT CONTROL							
(LT PL)	D856	1	LR1	2	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	POSITION LIGHTS	33-43-01	1	---
S5	---	13	15	ON	---	WHITE ANTI-COLLISION	33-44-01	1	---
S6	---	13	15	ON	---	WING LIGHTS	33-41-01	1	---
S7	---	13	15	ON	---	RED ANTI-COLLISION LTS	33-44-01	1	---
M59 INERTIAL REFERENCE MODE PANEL									
(LT PL)	D739	1	LP1	2	---	LIGHT PLATE	---	---	A
D741	---	1	LP1	2	---	(INPUTS COMMONED)	---	---	---
D743	---	1	LP1	2	---	---	---	---	---
M61 EMERGENCY EVACUATION CONTROL PANEL									
(LT PL)	D636	1	LP3	2	---	LIGHT PLATE	---	---	A
M82 L HF COMMUNICATIONS CONTROL PANEL									
(LT PL)	D733	1	LP3	2	---	LIGHT PLATE	---	---	A
M83 R HF COMMUNICATIONS CONTROL PANEL									
(LT PL)	D737	1	LR3	2	---	LIGHT PLATE	---	---	A
M10023 WINDSHIELD WIPER/RAIN REPELLANT CONTROL PANEL									
(LT PL)	D884	1	LR1	2	---	LIGHT PLATE	---	---	A
M10054 FUEL QUANTITY PANEL									
(LT PL)	D3896	1	LS2	2	---	LIGHT PLATE	---	---	A
M10055(YCL) FUEL MANAGEMENT PANEL									
(LT PL)	D1374	1	LS6	2	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	R PUMP - AFT	28-22-01	2	---
S2	---	13	15	ON	---	L PUMP - FWD	28-22-01	1	---
S3	---	13	15	ON	---	C PUMP - RIGHT	28-22-01	3	---
S4	---	13	15	ON	---	L PUMP - AFT	28-22-01	2	---
S5	---	13	15	ON	---	R PUMP - FWD	28-22-01	2	---
S6	---	13	15	ON	---	C PUMP - LEFT	28-22-01	3	---
S7	---	13	15	(OPEN)	---	FUEL CROSSFEED VALVE	28-22-01	4	---
M10056(YCW) LEFT LIGHTING CONTROL PANEL									
(LT PL)	D840	1	LS4	2	---	LIGHT PLATE	---	---	A
S3	---	13	15	ON	---	LT OVRD	33-11-01	1	---
M10057(YCX) RIGHT OVERHEAD LIGHTING CONTROL PANEL									
(LT PL)	D860	1	LS4	2	---	LIGHT PLATE	---	---	A
S1	---	13	15	UNLKD	---	FLIGHT DECK DOOR	52-51-01	1	---
M10062(YDI) STANDBY POWER PANEL									
(LT PL)	D10216	1	LV2	2	---	LIGHT PLATE	---	---	A
S2	---	13	15	ON	---	BAT	24-33-01	1	---

PNL	LIGHT/ SW/ IND	CONN		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H	C K T
		PIN	REF PT						
PILOTS OVERHEAD AND RIGHT SIDE PANEL LIGHTS									
P5	M10063(YDJ)	ELECTRICAL SYSTEMS PANEL							
(LT PL)	D1382	1	LV3	2	---	LIGHT PLATE	---	---	A
S3	---	13	15	ON	---	L GEN CONT	24-20-01	1	---
S4	---	13	15	ON	---	R GEN CONT	24-20-02	1	---
S7	---	13	15	ON	---	L UTILITY BUS	24-51-01	3	---
S8	---	13	15	ON	---	R UTILITY BUS	24-51-02	3	---
S9	---	13	15	AUTO	---	L TIE BUS	24-20-01	1	---
S10	---	13	15	AUTO	---	R TIE BUS	24-20-02	1	---
S11	---	13	15	ON	---	APU GEN	24-20-03	1	---
M10078 COMPARTMENT TEMPERATURE PANEL									
(LT PL)	D1358	1	LT2	2	---	LIGHT PLATE	---	---	A
M10250(YAL) YAW DAMPER PANEL									
(LT PL)	D723	1	LP2	2	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	L YAW DAMPER	22-21-01	1	---
S2	---	13	15	ON	---	R YAW DAMPER	22-21-02	1	---
M10395(YDM) WINDOW HEAT CONTROL PANEL									
(LT PL)	D876	1	LT1	2	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	R SIDE WINDOW HEAT	30-41-01	1	---
S2	---	13	15	ON	---	R FWD WINDOW HEAT	30-41-02	1	---
S3	---	13	15	ON	---	L FWD WINDOW HEAT	30-41-01	1	---
S4	---	13	15	ON	---	L SIDE WINDOW HEAT	30-41-02	1	---
M10397(YDN) WING AND ENGINE ANTI-ICE CONTROL PANEL									
(LT PL)	D890	1	LV2	2	---	LIGHT PLATE	---	---	A
S1	---	13	15	ON	---	L ENG ANTI-ICE VALVE	30-21-01	1	---
S2	---	13	15	ON	---	R ENG ANTI-ICE VALVE	30-21-01	1	---
S3	---	13	15	ON	---	WING ANTI-ICE VALVE	30-11-01	1	---
M10761(YHW) EEC CONTROL MODULE									
(LT PL)	D2083	1	LV2	2	---	LIGHTPLATE	---	---	A
S1	---	13	15	ON	---	L EEC CONT	73-21-01	1	---
S2	D2085	13	15	ON	---	R EEC CONT	73-21-01	1	---
P61	M98	FIRST OBSERVERS AUDIO SELECT PANEL							
(LT PL)	D551	1	LE2	2	---	LIGHT PLATE	---	---	A
M133 FIRST OBS BOOM MIC JACK PNL									
(LT PL)	D557	1	LE2	2	---	LIGHT PLATE	---	---	A
M1129 RIGHT SIDE OBSERVERS LIGHTING CONTROL PANEL									
(LT PL)	D10396	1	LE3	2	---	LIGHT PLATE	---	---	A



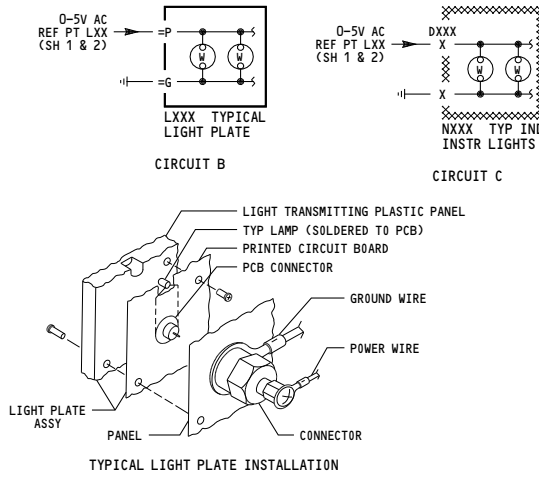
WIRING DIAGRAMS	
33-13-11	
33-13-13	
33-13-16	
33-13-17	
33-13-18	
33-13-19	
33-13-21	

NOTES:  
 1 SWITCH INTERNALS ARE NOT PART OF PANEL LIGHTS AND ARE SHOWN FOR REFERENCE ONLY.

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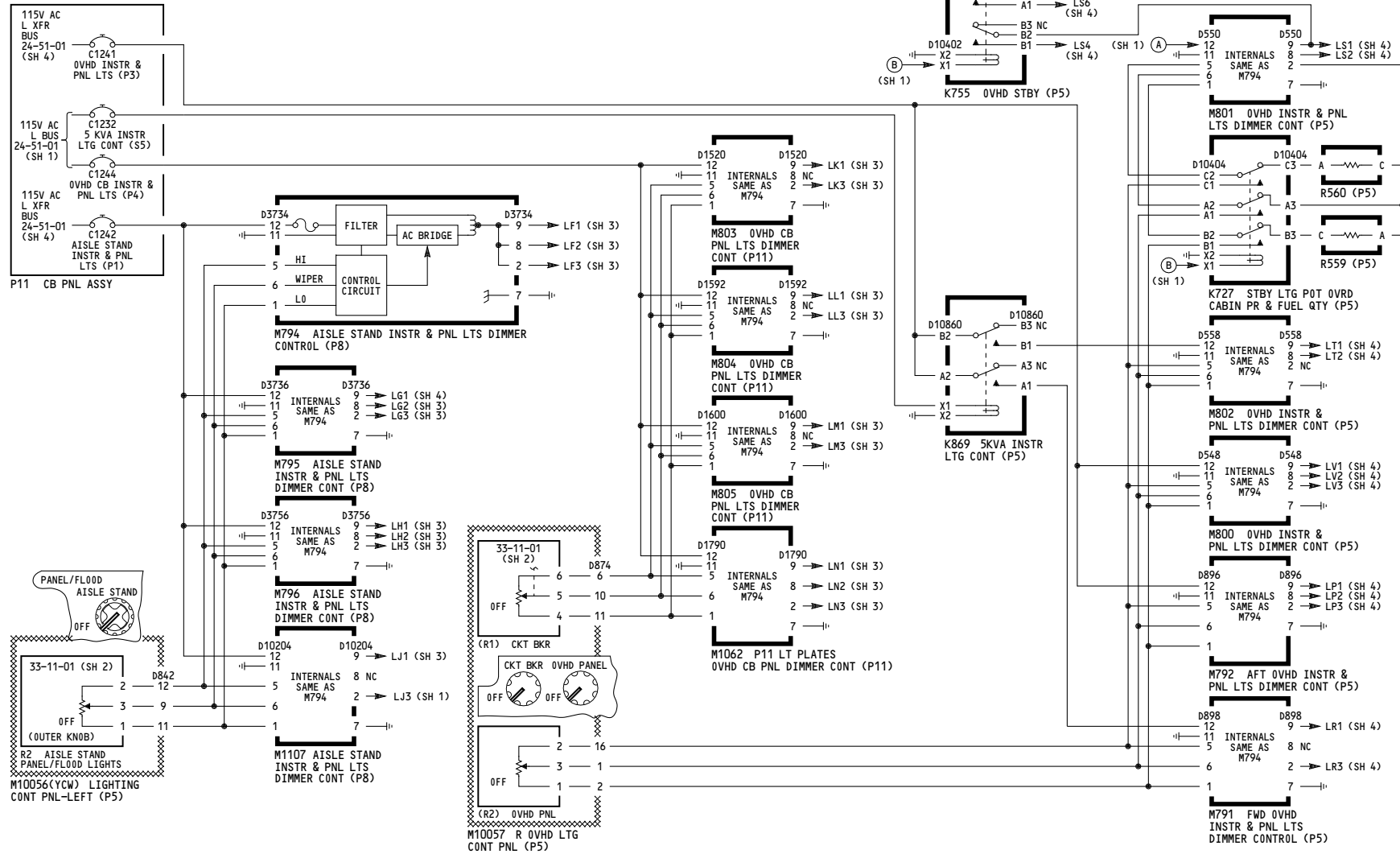
**INSTRUMENT AND PANEL LIGHTS**

D280T232



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FORWARD PANEL INSTRUMENT AND PANEL LIGHTS													
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S	H	C K T		
			PIN	REF PT									
—	N99	D642	=A1	LC1	=C1	—	PILOT STBY MAGNETIC COMPASS	—	—	—	C		
P1-1 1	L481 N3 S3 S2 S482	D645	=P =P =P =P =P	LD2 LD6 LD2 LD2 LD2	=G =G =G =G =G	—	CAPT INSTR SOURCE SEL LT PL L RADIO DIST MAG INDICATOR L EFI INSTR SOURCE SEL SW L IRS INSTR SOURCE SEL SW CAPT ADC INSTR SOURCE SEL SW	— — 34-22-09 34-22-09 34-12-01	—	—	B C A A A		
	M9053 CAPTAINS EGPWS SW PNL												
	L9009	D9131P	22	LD2	23	—	LIGHT PLATE	33-13-11	2	—	A		
P1-3	L496 L609 L662	—	=P =P =P	LC5 LD1 LC5	=G =G =G	—	AUTO BRAKES LIGHT PLATE RESERVE BKS & STRG LIGHT PL CAUTION CANCEL/RCL LIGHT PL	— — —	—	—	B B C		
	N8 N9 N20 N22 N23 N70 N10016 S547	D103 D113 D216 D218 D220 D1363 D10122	1 1 1 1 1 1 1 13	LD6 LD1 LD1 LC1 LC1 LD1 LD6 LD1	2 2 2 2 2 3 2 15	—	CAPTAINS ALTIMETER L VERTICAL SPEED INDICATOR STANDBY ATTITUDE/ILS IND STANDBY AIRSPEED INDICATOR STANDBY ALTIMETER INDICATOR CAPT AUTOLAND STATUS ANN STANDBY ENGINE INDICATOR RESERVE BKS & STRG SEL SW	— — — — — — — 29-00-04	—	—	B C C C C C C A		
	P3-1 1	L491 L698 M10258 N10 N15 N41 N43 N71 S601 S602 S603 S604	— — D1669 D238 D240 D711 D647 D1365	=P =P =P 1 1 1 1 3 13 13 13	LC4 LC4 LC4 LA2 LA2 LA2 LA2 LC4 LC4 LC5 LC5	=G =G 2 2 2 2 2 15 15 15 15	—	GEAR LEVER LIGHT PLATE HSI HDG REFERENCE LIGHT PLATE THRUST MODE SELECT PANEL BRAKE PRESSURE INDICATOR FLAPS POSITION INDICATOR F/O MACH AIRSPEED INDICATOR R RADIO DIST MAG INDICATOR F/O AUTOLAND STATUS ANN ALTN ALTN TE FLAPS ARM SWITCH ALTN ALTN LE FLAPS ARM SWITCH OVRD GND PROX FLAP OVRD SWITCH OVRD GND PROX/CONFIG GEAR OVRD SW	— — — — — — — — 27-51-04 27-81-03 34-46-01 31-51-05	—	—	B B A C C C C C A A A A	
		M9054 F/O EGPWS SW PNL											
		L9010	D9124P	22	LA2	23	—	LIGHT PLATE	33-13-13	1	—	A	
		P3-3 1	L489 N42 N48 N49 N127 N129 S11 S12 S483	D719 D715 D717 D1821 D1843	=P 1 1 1 1 1 13 13 13	LA1 LA1 LA1 LA1 LA1 LA1 LA1 LA1 LA1	=G 2 2 2 2 2 15 15 15	—	F/O INSTR SOURCE SEL LIGHT PL F/O CLOCK F/O ALTIMETER R VERTICAL SPEED INDICATOR R METRIC ALT (PROV) R METRIC SEL ALT DISPLAY (PROV) R EFI INSTR SOURCE SEL SW R IRS INSTR SOURCE SEL SW F/O ADC INSTR SOURCE SEL SW	— — — — — — 34-22-09 34-22-09 34-12-01	—	—	B C C C C C A A A
			P7	L482 L483	=P =P	LB7 LB5	=G =G	—	CAPT LIGHTING CONTROL LT PL F/O LIGHTING CONTROL LT PL	— —	—	—	B B
			M901 CAPTAINS HEATER CONTROL PANEL										
			(LT PL)	D3780	1	LD2	2	—	LIGHT PLATE	—	—	—	A
	M902 F/O HEATER CONTROL PANEL												
	(LT PL)		D3762	1	LA3	2	—	LIGHT PLATE	—	—	—	A	
	M889 CAPT BOOM MIC JACK PANEL												
	(LT PL)	D1353	1	LD2	2	—	LIGHT PLATE	—	—	—	A		
M890 F/O BOOM MIC JACK PANEL													
(LT PL)	D1355	1	LA2	2	—	LIGHT PLATE	—	—	—	A			
M90 AFCS MODE CONTROL PANEL													
(LT PL)	D479	1	LB6	2	—	LIGHT PLATE	—	—	—	A			
M91 L VOR CONTROL PANEL													
(LT PL)	D869	1	LB1	2	—	LIGHT PLATE	—	—	—	A			
M92 R VOR CONTROL PANEL													
(LT PL)	D871	1	LB5	2	—	LIGHT PLATE	—	—	—	A			

CONTROL STAND INSTRUMENT AND PANEL LIGHTS											
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S	H	C K T
			PIN	REF PT							
P8	M70 CAPTAINS AUDIO SELECT PANEL										
	(LT PL)	D257	1	LJ6	2	—	LIGHT PLATE	—	—	—	A
	M71 FIRST OFFICER AUDIO SELECT PANEL										
	(LT PL)	D259	1	LH1	2	—	LIGHT PLATE	—	—	—	A
	M74 ALLELON RUDDER TRIM CONTROL PANEL										
	(LT PL)	D1830	1	LG2	2	—	LIGHT PLATE	—	—	—	A
	N83	D1832	1	LG2	2	—	RUDDER TRIM INDICATOR	—	—	—	C
	M75 WEATHER RADAR CONTROL PANEL										
	(LT PL)	D395	P	LJ1	E	—	LIGHT PLATE	—	—	—	A
	M78 L VHF COMMUNICATIONS CONTROL PANEL										
	(LT PL)	D407	1	LJ6	2	—	LIGHT PLATE	—	—	—	A
	M79 R VHF COMMUNICATIONS CONTROL PANEL										
	(LT PL)	D409	1	LH1	2	—	LIGHT PLATE	—	—	—	A
	M80 CENTER VHF COMMUNICATIONS CONTROL PANEL										
	(LT PL)	D411	1	LG3	2	—	LIGHT PLATE	—	—	—	A
M81 DUAL AIR TRAFFIC CONTROL PANEL											
(LT PL)	D303	1	LG2	2	—	LIGHT PLATE	—	—	—	A	
M87 ILS CONTROL PANEL											
(LT PL)	D603	1	LJ6	2	—	LIGHT PLATE	—	—	—	A	
M1046 DUAL ADF CONTROL PANEL											
(LT PL)	D249	1	LJ6	2	—	LIGHT PLATE	—	—	—	A	
M1631 MULT-INPUT PRINTER											
(LT PL)	D2307	E-	LG3	M	—	LIGHT PLATE	—	—	—	A	
M10444(YD0) APU/CARGO FIRE CONTROL PANEL											
(LT PL)	D864	1	LH2	2	ARMED ARMED	LIGHT PLATE FWD CARGO FIRE SWITCH AFT CARGO FIRE SWITCH	26-23-01 26-23-01	1 1	—	—	A
M10445 FIRE/OVERHEAT TEST PANEL											
(LT PL)	D10104	1	LJ1	2	—	LIGHT PLATE	—	—	—	A	
P9	M76 L FMC CONTROL DISPLAY UNIT										
	(LT PL)	D465	28	LF2	29	—	LIGHT PLATE	—	—	—	A
	M77 R FMC CONTROL DISPLAY UNIT										
	(LT PL)	D467	28	LH2	29	—	LIGHT PLATE	—	—	—	A
	M10195 EICAS DISPLAY SELECT PANEL										
(LT PL)	D209	40	LF1	41	—	LIGHT PLATE	—	—	—	A	

NOTES:  
 1 INSTRUMENT NOT INSTALLED, WIRES CAPPED AND STOWED

INSTRUMENT AND PANEL LIGHTS														
PNL	LIGHT/ SW/ IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S	H	C K T			
			PIN	REF PT										
P10	L496 L576 L577 L604 N68 N69	—	=P =P =P =P =P =P	LG3 LF3 LF3 LG3 LF3 LF3	=G =G =G =G =G =G	—	STAB. TRIM C/O CONT LT PL FLAP SETTING LT PL SPEED BRAKE LT PL FUEL CONTROL LT PL CAPT STAB. POSITION IND F/O STAB. POSITION IND	— — — — — —	—	—	B B B B C C			
	M93 RIGHT EFIS CONTROL PANEL													
	(LT PL)	D471	1	LH3	2	—	LIGHT PLATE	—	—	—	A			
	M94 LEFT EFIS CONTROL PANEL													
	(LT PL)	D469	1	LF3	2	—	LIGHT PLATE	—	—	—	A			
P11-3	L499 L500 L501 L502 L503 L504 L505	—	=P =P =P =P =P =P =P	LM1 LM1 LM1 LM1 LM1 LM1 LM1	=G =G =G =G =G =G =G	—	ROW 1 L LIGHT PLATE ROW 2 L LIGHT PLATE ROW 3 L LIGHT PLATE ROW 4 L LIGHT PLATE ROW 5 L LIGHT PLATE ROW 6 L LIGHT PLATE ROW 7 L LIGHT PLATE	— — — — — — —	—	—	B B B B B B B			
	P11-2	L506 L507 L508 L509 L510 L511 L512	—	=P =P =P =P =P =P =P	LL1 LL1 LL1 LL1 LL1 LN2 LN2	=G =G =G =G =G =G =G	—	ROW 8 L LIGHT PLATE ROW 9 L LIGHT PLATE ROW 10 L LIGHT PLATE ROW 11 L LIGHT PLATE ROW 12 L LIGHT PLATE ROW 13 L LIGHT PLATE ROW 14 L LIGHT PLATE	— — — — — — —	—	—	B B B B B B B		
		P11-1	L513 L514 L515 L516 L517 L518 L519	—	=P =P =P =P =P =P =P	LK1 LK1 LK1 LK1 LK1 LN3 LN3	=G =G =G =G =G =G =G	—	ROW 15 L LIGHT PLATE ROW 16 L LIGHT PLATE ROW 17 L LIGHT PLATE ROW 18 L LIGHT PLATE ROW 19 L LIGHT PLATE ROW 20 L LIGHT PLATE ROW 21 L LIGHT PLATE	— — — — — — —	—	—	B B B B B B B	
			P11-6	L520 L521 L522 L523 L524 L525 L526	—	=P =P =P =P =P =P =P	LM3 LM3 LM3 LM3 LM3 LN1 LN1	=G =G =G =G =G =G =G	—	ROW 1 R LIGHT PLATE ROW 2 R LIGHT PLATE ROW 3 R LIGHT PLATE ROW 4 R LIGHT PLATE ROW 5 R LIGHT PLATE ROW 6 R LIGHT PLATE ROW 7 R LIGHT PLATE	— — — — — — —	—	—	B B B B B B B
				P11-5	L527 L528 L529 L530 L531 L532 L533	—	=P =P =P =P =P =P =P	LL3 LL3 LL3 LL3 LN2 LN2	=G =G =G =G =G =G =G	—	ROW 8 R LIGHT PLATE ROW 9 R LIGHT PLATE ROW 10 R LIGHT PLATE ROW 11 R LIGHT PLATE ROW 12 R LIGHT PLATE ROW 13 R LIGHT PLATE ROW 14 R LIGHT PLATE	— — — — — — —	—	—
P11-4					L534 L535 L536 L537 L538 L539 L540	—	=P =P =P =P =P =P =P	LK3 LK3 LK3 LK3 LN3 LN3 LN3	=G =G =G =G =G =G =G	—	ROW 15 R LIGHT PLATE ROW 16 R LIGHT PLATE ROW 17 R LIGHT PLATE ROW 18 R LIGHT PLATE ROW 19 R LIGHT PLATE ROW 20 R LIGHT PLATE ROW 21 R LIGHT PLATE	— — — — — — —	—	—

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## INSTRUMENT AND PANEL LIGHTS

Incorporates  
 MTO-340961

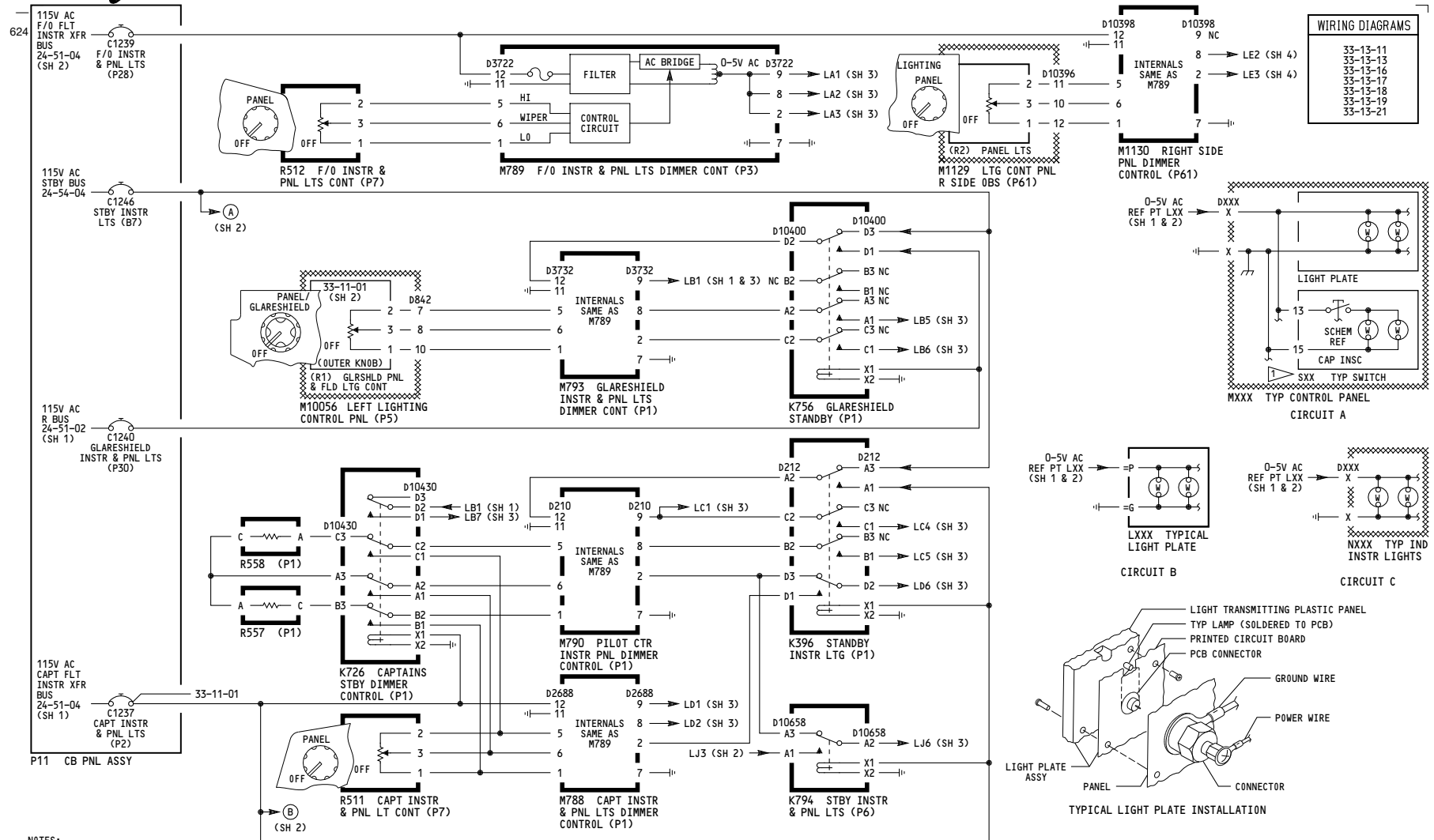
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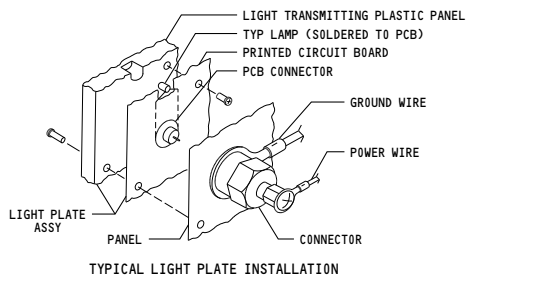
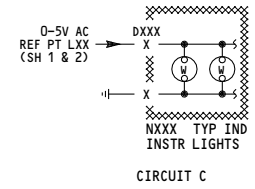
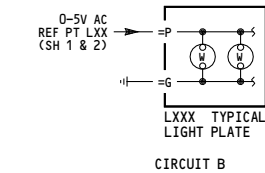
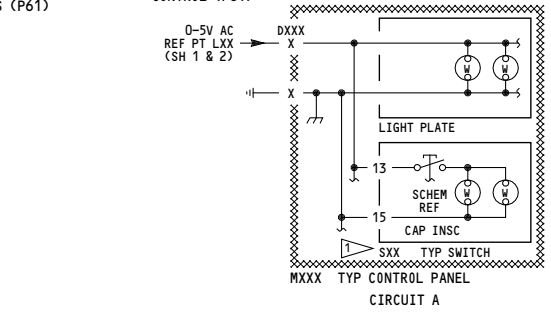






WIRING DIAGRAMS	
33-13-11	
33-13-13	
33-13-16	
33-13-17	
33-13-18	
33-13-19	
33-13-21	

NOTES:  
 1 SWITCH INTERNALS ARE NOT PART OF PANEL LIGHTS AND ARE SHOWN FOR REFERENCE ONLY.

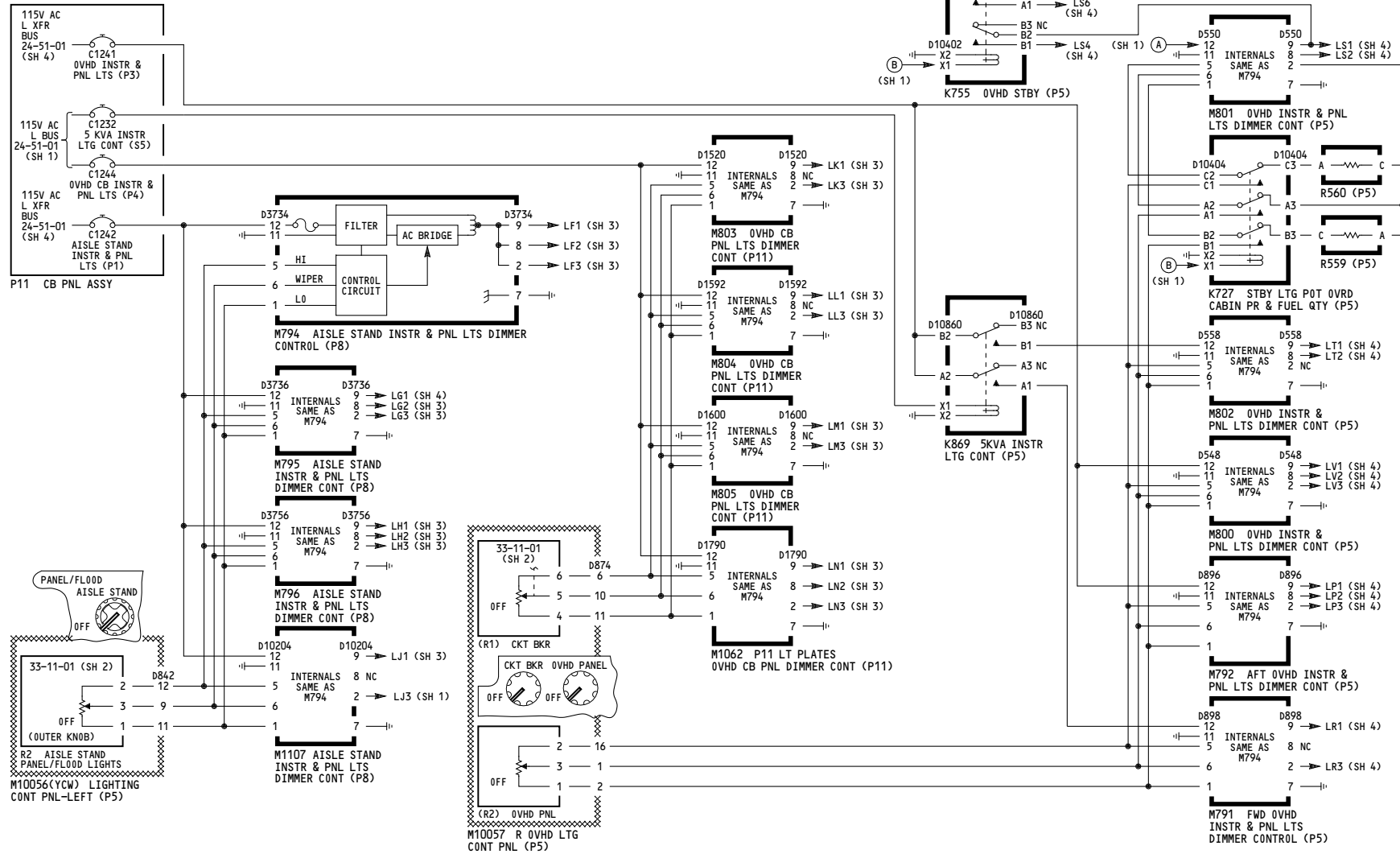


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**INSTRUMENT AND PANEL LIGHTS**

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FORWARD PANEL INSTRUMENT AND PANEL LIGHTS												
PNL	LIGHT/SW/IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H K T			
			PIN	REF PT								
—	N99	D642	=A1	LC1	=C1	—	PILOT STBY MAGNETIC COMPASS	—	—			
P1-1	L481 N3 S3 S482	D645	= P — — —	LD2 LD6 LD2 LD2	= G — — —	—	CAPT INSTR SOURCE SEL LT PL L RADIO DIST MAG INDICATOR L EFI INSTR SOURCE SEL SW IRS INSTR SOURCE SEL SW CAPT ADC INSTR SOURCE SEL SW	— — 34-22-09 34-22-09 34-12-01	— — 1A 1A			
	M9053 CAPTAINS EGPWS SW PNL											
	L9009	D9131P	22	LD2	23	—	LIGHT PLATE	33-13-11	2	A		
P1-3	L494 L609 L662	—	= P — —	LC5 LD1 LC5	= G — = G	—	AUTO BRAKES LIGHT PLATE RESERVE BKS & STRG LIGHT PL CAUTION CANCEL/RCL LIGHT PL	— — —	— — —			
	N8 N9 N20 N22 N23 N70 N10016 S547	D103 D113 D216 D218 D220 D1363 D1022	= P — — — — — — —	LD6 LD1 LD1 LC1 LC1 LD1 LD6 LD1	= G — — — — — — 0N	—	CAPTAINS ALTIMETER CAPTAINS ALTIMETER L VERTICAL SPEED INDICATOR STANDBY ATTITUDE/ILS IND STANDBY AIRSPEED INDICATOR STANDBY ALTIMETER INDICATOR CAPT AUTOLAND STATUS ANN STANDBY ENGINE INDICATOR RESERVE BKS & STRG SEL SW	— — — — — — — 29-00-04	— — — — — — — 1A			
	P3-1	L491 L698 M10258 N10 N15 N41 N43 N71 S601 S602 S605 S604	— — D1669 D238 D240 D711 D647 D1365	= P — — — — — — — — — — — —	LC4 LC4 LC4 LA2 LA2 LA2 LA2 LA2 LC4 LC4 LC5 LC5	= G — — — — — — — — — — — —	—	GEAR LEVER LIGHT PLATE HSI HDG REFERENCE LIGHT PLATE THRUST MODE SELECT PANEL BRAKE PRESSURE INDICATOR FLAPS POSITION INDICATOR F/O MACH AIRSPEED INDICATOR R RADIO DIST MAG INDICATOR F/O AUTOLAND STATUS ANN ALTN ALTN TE FLAPS ARM SWITCH ALTN ALTN LE FLAPS ARM SWITCH OVRD GND PROX FLAP OVRD SWITCH GND PROX/CONFIG GEAR OVRD SW	— — — — — — — — — 27-51-04 27-81-03 34-46-01 31-51-05	— — — — — — — — — 1A 1A 1A 1A		
		M9054 F/O EGPWS SW PNL										
		L9010	D9124P	22	LA2	23	—	LIGHT PLATE	33-13-13	1	A	
		P3-3	L489 N42 N48 N49 N127 N129 S11 S12 S483	D719 D715 D717 D1821 D1843	= P — — — — — — — —	LA1 LA1 LA1 LA1 LA1 LA1 LA1 LA1 LA1	= G — — — — — — — —	—	F/O INSTR SOURCE SEL LIGHT PL F/O CLOCK F/O ALTIMETER R VERTICAL SPEED INDICATOR R METRIC ALT (PROV) R METRIC SEL ALT DISPLAY (PROV) R EFI INSTR SOURCE SEL SW R IRS INSTR SOURCE SEL SW F/O ADC INSTR SOURCE SEL SW	— — — — — — — 34-22-09 34-22-09 34-12-01	— — — — — — — 1A 1A 1A	
			P7	L482 L483	—	= P —	LB7 LB5	= G = G	—	CAPT LIGHTING CONTROL LT PL F/O LIGHTING CONTROL LT PL	— —	— —
				M901 CAPTAINS HEATER CONTROL PANEL								
			P13	(LT PL) D3780	1	LD2	2	—	LIGHT PLATE	—	—	A
			P14	M902 F/O HEATER CONTROL PANEL								
				(LT PL) D3762	1	LA3	2	—	LIGHT PLATE	—	—	A
	P15		M889 CAPT BOOM MIC JACK PANEL									
			(LT PL) D1353	1	LD2	2	—	LIGHT PLATE	—	—	A	
	P16		M890 F/O BOOM MIC JACK PANEL									
		(LT PL) D1355	1	LA2	2	—	LIGHT PLATE	—	—	A		
P55	M90 AFCS MODE CONTROL PANEL											
	(LT PL) D479	1	LB6	2	—	LIGHT PLATE	—	—	A			
	M91 L VOR CONTROL PANEL											
	(LT PL) D869	1	LB1	2	—	LIGHT PLATE	—	—	A			
M92 R VOR CONTROL PANEL												
(LT PL) D871	1	LB5	2	—	LIGHT PLATE	—	—	A				

CONTROL STAND INSTRUMENT AND PANEL LIGHTS										
PNL	LIGHT/SW/IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H K T	
			PIN	REF PT						
P8	M70 CAPTAINS AUDIO SELECT PANEL									
	(LT PL) D257	1	LJ6	2	—	LIGHT PLATE	—	—	A	
	M71 FIRST OFFICER AUDIO SELECT PANEL									
	(LT PL) D259	1	LH1	2	—	LIGHT PLATE	—	—	A	
	M74 AILERON RUDDER TRIM CONTROL PANEL									
	(LT PL) D1830	1	LG2	2	—	LIGHT PLATE	—	—	A	
	N83	D1832	1	LG2	2	—	RUDDER TRIM INDICATOR	—	—	C
	M75 WEATHER RADAR CONTROL PANEL									
	(LT PL) D395	P	LJ1	E	—	LIGHT PLATE	—	—	A	
	M78 L VHF COMMUNICATIONS CONTROL PANEL									
	(LT PL) D407	1	LJ6	2	—	LIGHT PLATE	—	—	A	
	M79 R VHF COMMUNICATIONS CONTROL PANEL									
	(LT PL) D409	1	LH1	2	—	LIGHT PLATE	—	—	A	
	M80 CENTER VHF COMMUNICATIONS CONTROL PANEL									
	(LT PL) D411	1	LG3	2	—	LIGHT PLATE	—	—	A	
M81 DUAL AIR TRAFFIC CONTROL PANEL										
(LT PL) D303	1	LG2	2	—	LIGHT PLATE	—	—	A		
M87 ILS CONTROL PANEL										
(LT PL) D603	1	LJ6	2	—	LIGHT PLATE	—	—	A		
M1046 DUAL ADF CONTROL PANEL										
(LT PL) D249	1	LJ6	2	—	LIGHT PLATE	—	—	A		
M1631 MULT-INPUT PRINTER										
(LT PL) D2307	E-	LG3	M	—	LIGHT PLATE	—	—	A		
M10444(YD0) APU/CARGO FIRE CONTROL PANEL										
(LT PL) D864	—	1	LH2	2	ARMED ARMED	LIGHT PLATE FWD CARGO FIRE SWITCH AFT CARGO FIRE SWITCH	26-23-01 26-23-01	1 1	A A	
M10445 FIRE/OVERHEAT TEST PANEL										
(LT PL) D10104	1	LJ1	2	—	LIGHT PLATE	—	—	—	A	
P9	M76 L FMC CONTROL DISPLAY UNIT									
	(LT PL) D465	28	LF2	29	—	LIGHT PLATE	—	—	A	
	M77 R FMC CONTROL DISPLAY UNIT									
	(LT PL) D467	28	LH2	29	—	LIGHT PLATE	—	—	A	
	M10195 EICAS DISPLAY SELECT PANEL									
(LT PL) D209	40	LF1	41	—	LIGHT PLATE	—	—	—	A	

INSTRUMENT AND PANEL LIGHTS												
PNL	LIGHT/SW/IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H K T			
			PIN	REF PT								
P10	L496 L576 L577 L604 N68 N69	— — — — D2236 D2238	= P — — — — —	LG3 LF3 LF3 LG3 LF3 LH3	= G — = G = G = G = G	—	STAB. TRIM C/O CONT LT PL FLAP SETTING LT PL SPEED BRAKE LT PL FUEL CONTROL LT PL CAPT STAB. POSITION IND F/O STAB. POSITION IND	— — — — — —	— — — — — —			
	M93 RIGHT EFIS CONTROL PANEL											
	(LT PL) D471	1	LH3	2	—	LIGHT PLATE	—	—	A			
	M94 LEFT EFIS CONTROL PANEL											
	(LT PL) D469	1	LF3	2	—	LIGHT PLATE	—	—	A			
P11-3	L499 L500 L501 L502 L503 L504 L505	— — — — — — —	= P — — — — — —	LM1 LM1 LM1 LM1 LM1 LM1 LM1	= G — = G = G = G = G = G	—	ROW 1 L LIGHT PLATE ROW 2 L LIGHT PLATE ROW 3 L LIGHT PLATE ROW 4 L LIGHT PLATE ROW 5 L LIGHT PLATE ROW 6 L LIGHT PLATE ROW 7 L LIGHT PLATE	— — — — — — —	— — — — — — —			
	P11-2	L506 L507 L508 L509 L510 L511 L512	— — — — — — —	= P — — — — — —	LL1 LL1 LL1 LL1 LL1 LN2 LN2	= G — = G = G = G = G = G	—	ROW 8 L LIGHT PLATE ROW 9 L LIGHT PLATE ROW 10 L LIGHT PLATE ROW 11 L LIGHT PLATE ROW 12 L LIGHT PLATE ROW 13 L LIGHT PLATE ROW 14 L LIGHT PLATE	— — — — — — —	— — — — — — —		
		P11-1	L513 L514 L515 L516 L517 L518 L519	— — — — — — —	= P — — — — — —	LK1 LK1 LK1 LK1 LK1 LN3 LN3	= G — = G = G = G = G = G	—	ROW 15 L LIGHT PLATE ROW 16 L LIGHT PLATE ROW 17 L LIGHT PLATE ROW 18 L LIGHT PLATE ROW 19 L LIGHT PLATE ROW 20 L LIGHT PLATE ROW 21 L LIGHT PLATE	— — — — — — —	— — — — — — —	
			P11-6	L520 L521 L522 L523 L524 L525 L526	— — — — — — —	= P — — — — — —	LM3 LM3 LM3 LM3 LM3 LN1 LN1	= G — = G = G = G = G = G	—	ROW 1 R LIGHT PLATE ROW 2 R LIGHT PLATE ROW 3 R LIGHT PLATE ROW 4 R LIGHT PLATE ROW 5 R LIGHT PLATE ROW 6 R LIGHT PLATE ROW 7 R LIGHT PLATE	— — — — — — —	— — — — — — —
				P11-5	L527 L528 L529 L530 L531 L532 L533	— — — — — — —	= P — — — — — —	LL3 LL3 LL3 LL3 LN2 LN2	= G — = G = G = G = G	—	ROW 8 R LIGHT PLATE ROW 9 R LIGHT PLATE ROW 10 R LIGHT PLATE ROW 11 R LIGHT PLATE ROW 12 R LIGHT PLATE ROW 13 R LIGHT PLATE ROW 14 R LIGHT PLATE	— — — — — — —
P11-4					L534 L535 L536 L537 L538 L539 L540	— — — — — — —	= P — — — — — —	LK3 LK3 LK3 LK3 LN3 LN3	= G — = G = G = G = G	—	ROW 15 R LIGHT PLATE ROW 16 R LIGHT PLATE ROW 17 R LIGHT PLATE ROW 18 R LIGHT PLATE ROW 19 R LIGHT PLATE ROW 20 R LIGHT PLATE ROW 21 R LIGHT PLATE	— — — — — — —

NOTES:  
 1 INSTRUMENT NOT INSTALLED, WIRES CAPPED AND STOWED

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**INSTRUMENT AND PANEL LIGHTS**

Incorporates  
 MTO-340961

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PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/SW/IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H K T
		PIN	REF PT	PIN	REF PT					
P5	M1	APU CONTROL PANEL								
(LT PL)	D1394	1	LV2	2	---	---	---	LIGHT PLATE	---	-A
	M10(YCY)	HYDRAULICS SYSTEMS CONTROL PANEL								
(LT PL)	D1312	1	LV1	2	---	---	---	LIGHT PLATE L ENG PRIMARY PUMP C ELEC 1 PRIMARY PUMP C ELEC 2 PRIMARY PUMP R ENG PRIMARY PUMP	29-00-02 1 29-00-04 3 29-00-04 3 29-00-03 1	-A
	M13	CABIN PRESSURE SELECT PANEL								
(LT PL)	D1324	1	LS1	2	---	---	---	LIGHT PLATE VALVE POSITION IND LDG ALTITUDE	---	-A
	M14(YBF)	TEMPERATURE CONTROL PANEL								
(LT PL)	D1302	1	LV2	2	---	---	---	LIGHT PLATE TEMP CONT VALVE POS TRIM AIR L RECIRC FAN R RECIRC FAN	21-60-01 1 21-25-01 1 21-25-02 1	-A
	M15(YCZ)	BLEED AIR SUPPLY PANEL								
(LT PL)	D1348	1	LP1	2	---	---	---	LIGHT PLATE L ISLN VALVE (OPEN) C ISLN VALVE (OPEN) R ISLN VALVE (ON) L ENG VALVE (OPEN) APU VALVE (ON) R ENG VALVE	36-11-01 1 36-11-03 1 36-11-02 1 36-11-05 1 36-11-04 2 36-11-06 2	-A
	N122	D3892	1	LP1	2	---	---	DUAL DUCT PRESSURE IND (LOC ON M15 PNL)	---	-C
	M17	EQUIPMENT COOLING CONTROL PANEL								
(LT PL)	D1366	1	LS6	2	---	---	---	LIGHT PLATE	---	-A
	M19	CABIN PRESSURE GAUGES PANEL								
(LT PL)	D1776	1	LS1	2	---	---	---	LIGHT PLATE	---	-A
	M29(YDB)	CARGO HEAT CONTROL PANEL								
(LT PL)	D3842	1	LP3	2	---	---	---	LIGHT PLATE FWD CARGO HEAT AFT CARGO HEAT BULK CARGO HEAT	21-43-01 1 21-44-01 1 21-44-02 1	-A
	M43	EMERGENCY LIGHTS CONTROL PANEL								
(LT PL)	D838	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
	M49	ENGINE IGNITION AND START CONTROL PANEL								
(LT PL)	D848	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M50	VOICE RECORDER CONTROL PANEL								
(LT PL)	D731	Y	LR3	2	---	---	---	LIGHT PLATE	---	-A
	M51	PILOTS CALL PANEL								
(LT PL)	D735	1	LP2	2	---	---	---	LIGHT PLATE	---	-A
	M52	PASSENGER SIGNS CONTROL PANEL								
(LT PL)	D854	1	LT1	2	---	---	---	LIGHT PLATE	---	-A

PILOTS OVERHEAD PANEL LIGHTS										
PNL	LIGHT/SW/IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H K T
		PIN	REF PT	PIN	REF PT					
P5	M56(YCT)	ANTI-COLLISION AND LANDING LIGHT CONTROL								
(LT PL)	D856	1	LR1	2	---	---	---	LIGHT PLATE POSITION LIGHTS WHITE ANTI-COLLISION WING LIGHTS RED ANTI-COLLISION LTS	33-43-01 1 33-44-01 1 33-41-01 1 33-44-01 1	-A
	M59	INERTIAL REFERENCE MODE PANEL								
(LT PL)	D739 D741 D743	1 1 1	LP1 LP1 LP1	2 2 2	---	---	---	LIGHT PLATE (INPUTS COMMONED)	---	-A
	M61	EMERGENCY EVACUATION CONTROL PANEL								
(LT PL)	D636	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M82	L HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D733	1	LP3	2	---	---	---	LIGHT PLATE	---	-A
	M83	R HF COMMUNICATIONS CONTROL PANEL								
(LT PL)	D737	1	LR3	2	---	---	---	LIGHT PLATE	---	-A
	M10023	WINDSHIELD WIPER/RAIN REPELLANT CONTROL PANEL								
(LT PL)	D884	1	LR1	2	---	---	---	LIGHT PLATE	---	-A
	M10054	FUEL QUANTITY PANEL								
(LT PL)	D3896	1	LS2	2	---	---	---	LIGHT PLATE	---	-A
	M10055(YCL)	FUEL MANAGEMENT PANEL								
(LT PL)	D1374	1	LS6	2	---	---	---	LIGHT PLATE R PUMP - AFT R PUMP - FWD L PUMP - FWD C PUMP - RIGHT L PUMP - AFT R PUMP - FWD R PUMP - AFT C PUMP - LEFT FUEL CROSSFEED VALVE	28-22-01 2 28-22-01 1 28-22-01 1 28-22-01 3 28-22-01 2 28-22-01 1 28-22-01 2 28-22-01 3 28-22-01 4	-A
	M10056(YCW)	LEFT LIGHTING CONTROL PANEL								
(LT PL)	D840	1	LS4	2	---	---	---	LIGHT PLATE LT OVRD	33-11-01 1	-A
	M10057(YCX)	RIGHT OVERHEAD LIGHTING CONTROL PANEL								
(LT PL)	D860	1	LS4	2	---	---	---	LIGHT PLATE	---	-A
	M10062(YDI)	STANDBY POWER PANEL								
(LT PL)	D10216	1	LV2	2	---	---	---	LIGHT PLATE BAT	24-33-01 1	-A

PILOTS OVERHEAD AND RIGHT SIDE PANEL LIGHTS										
PNL	LIGHT/SW/IND	CONN		POWER		GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H K T
		PIN	REF PT	PIN	REF PT					
P5	M10063(YDJ)	ELECTRICAL SYSTEMS PANEL								
(LT PL)	D1382	1	LV3	2	---	---	---	LIGHT PLATE L GEN CONT R GEN CONT L UTILITY BUS R UTILITY BUS L TIE BUS R TIE BUS APU GEN	24-20-01 1 24-20-02 1 24-51-01 3 24-51-02 3 24-20-01 1 24-20-02 1 24-20-03 1	-A
	M10078	COMPARTMENT TEMPERATURE PANEL								
(LT PL)	D1358	1	LT2	2	---	---	---	LIGHT PLATE	---	-A
	M10250(YAL)	YAW DAMPER PANEL								
(LT PL)	D723	1	LP2	2	---	---	---	LIGHT PLATE L YAW DAMPER R YAW DAMPER	22-21-01 1 22-21-02 1	-A
	M10395(YDM)	WINDOW HEAT CONTROL PANEL								
(LT PL)	D876	1	LT1	2	---	---	---	LIGHT PLATE R SIDE WINDOW HEAT R FWD WINDOW HEAT L FWD WINDOW HEAT L SIDE WINDOW HEAT	30-41-01 1 30-41-02 1 30-41-01 1 30-41-02 1	-A
	M10397(YDN)	WING AND ENGINE ANTI-ICE CONTROL PANEL								
(LT PL)	D890	1	LV2	2	---	---	---	LIGHT PLATE L ENG ANTI-ICE VALVE R ENG ANTI-ICE VALVE WING ANTI-ICE VALVE	30-21-01 1 30-21-01 1 30-11-01 1	-A
	M10761(YHW)	EEC CONTROL MODULE								
(LT PL)	D2083 D2085	1 13	LV2	2	---	---	---	LIGHTPLATE L EEC CONT R EEC CONT	73-21-01 1 73-21-01 1	-A
P61	M98	FIRST OBSERVERS AUDIO SELECT PANEL								
(LT PL)	D551	1	LE2	2	---	---	---	LIGHT PLATE	---	-A
	M133	FIRST OBS BOOM MIC JACK PNL								
(LT PL)	D557	1	LE2	2	---	---	---	LIGHT PLATE	---	-A
	M1129	RIGHT SIDE OBSERVERS LIGHTING CONTROL PANEL								
(LT PL)	D10396	1	LE3	2	---	---	---	LIGHT PLATE	---	-A

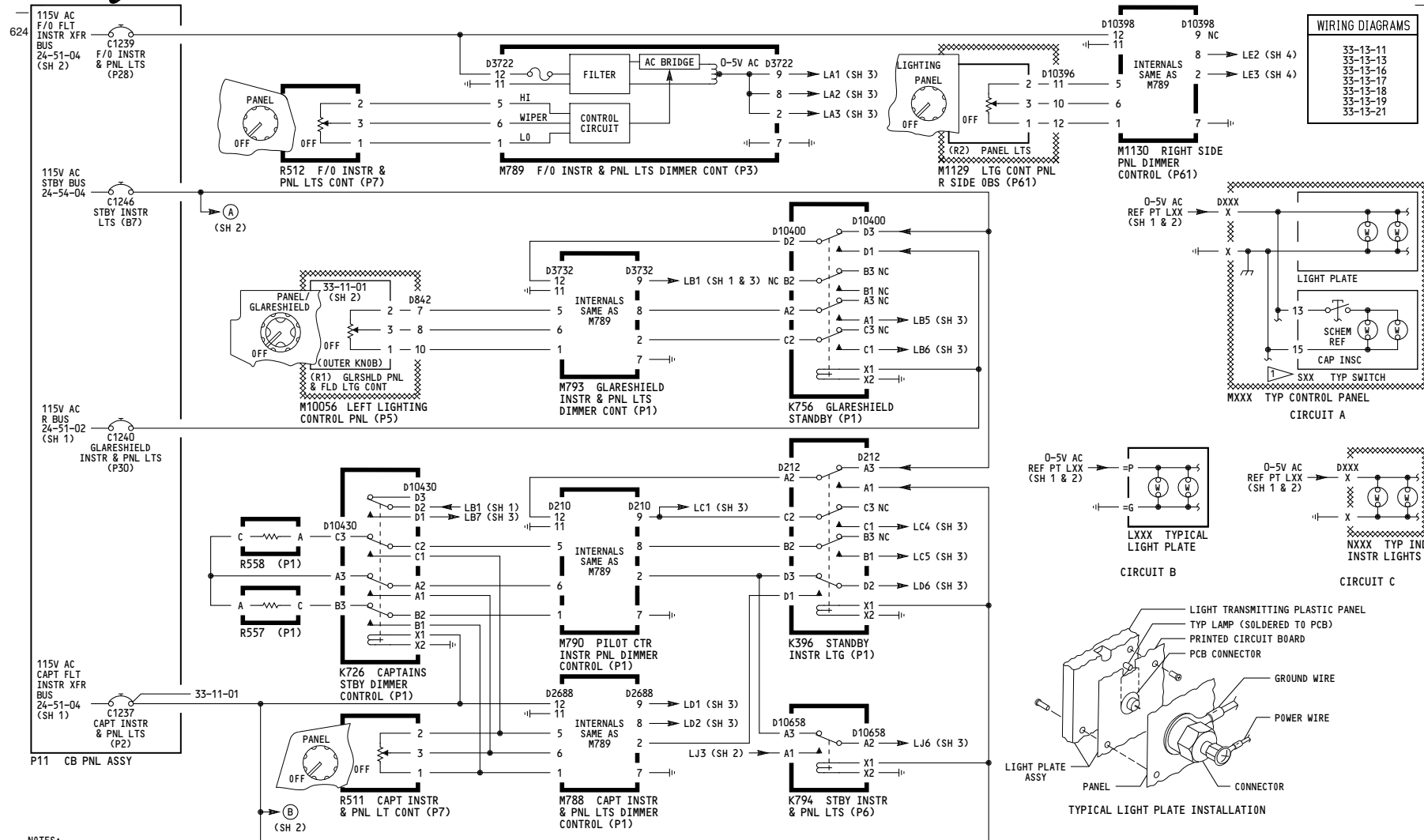
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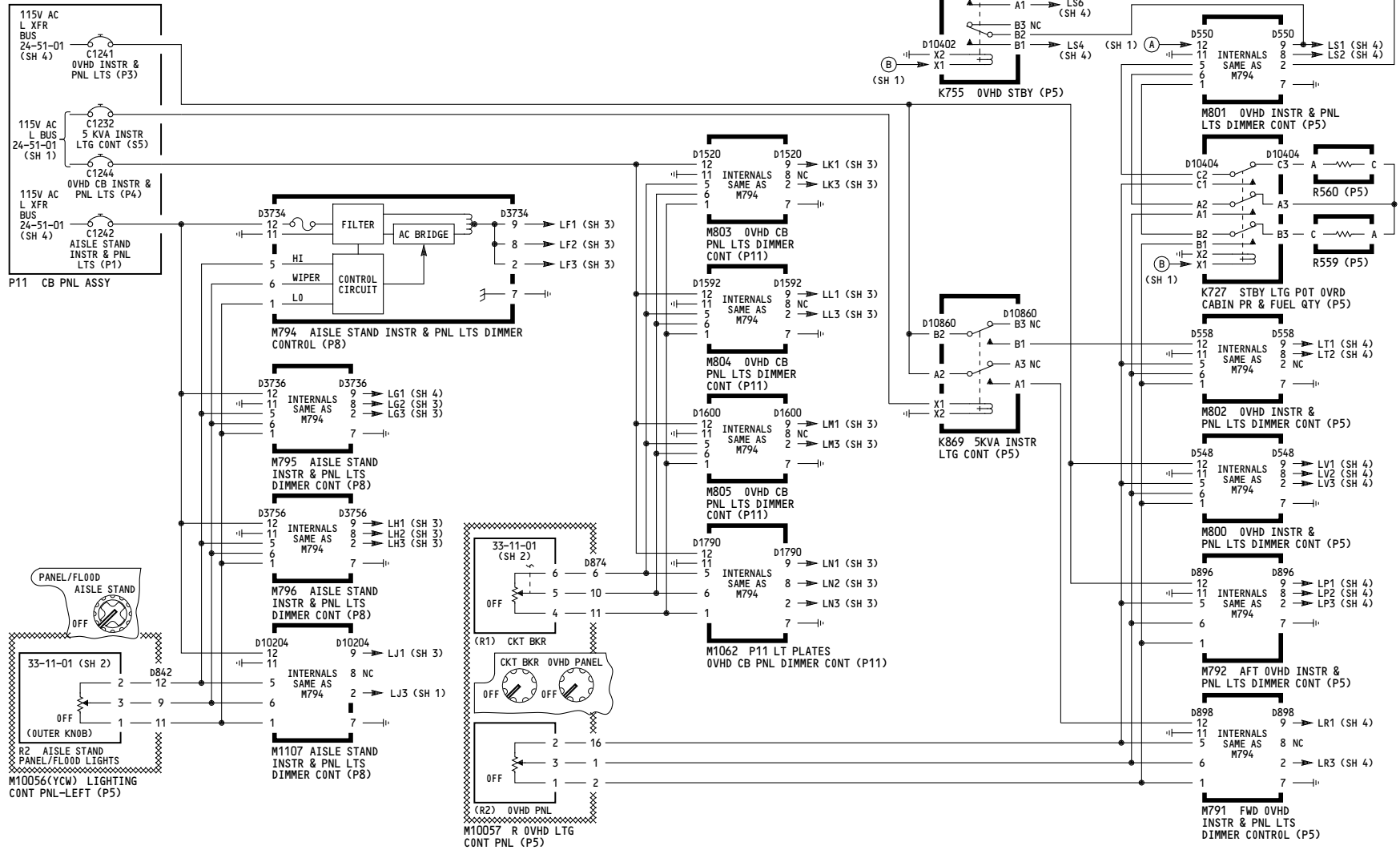
NOTES:  
 1 SWITCH INTERNALS ARE NOT PART OF PANEL LIGHTS AND ARE SHOWN FOR REFERENCE ONLY.

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**INSTRUMENT AND PANEL LIGHTS**

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FORWARD PANEL INSTRUMENT AND PANEL LIGHTS										
PNL	LIGHT/SW/IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H	C K T
			PIN	REF PT						
—	N99	D642	=A1	LC1	=C1	—	PILOT STBY MAGNETIC COMPASS	—	—	C
P1-1	L481 N3 S3 S4 S482	D645	= P — — — —	LD2 LD6 LD2 LD1 LD2	= G — — — —	—	CAPT INSTR SOURCE SEL LT PL L RADIO DIST MAG INDICATOR L EFI INSTR SOURCE SEL SW IRS INSTR SOURCE SEL SW CAPT ADC INSTR SOURCE SEL SW	— — — — —	— — — — —	B A A A A
	M9053 CAPTAINS EGPWS SW PNL									
	L9009	D9131P	22	LD2	23	—	LIGHT PLATE	33-13-11	—	A
P1-3	L494 L609 L662 N2 N8 N9 N20 N22 N23 N70 N10016 S547	— — — D103 D111 D113 D216 D218 D220 D1363 D10122	= P = P = P — — — — — — — — — —	LC5 LD1 LC5 LD6 LD1 LC1 LC1 LC1 LC1 LD1 LD6 LD1	= G — = G — — — — — — — — — —	—	AUTO BRAKES LIGHT PLATE RESERVE BKS & STRG LIGHT PL CAUTION CANCEL/RCL LIGHT PL CAPTAINS CLOCK CAPTAINS ALTIMETER L VERTICAL SPEED INDICATOR STANDBY ATTITUDE/ILS IND STANDBY AIRSPEED INDICATOR STANDBY ALTIMETER INDICATOR CAPT AUTOLAND STATUS ANN STANDBY ENGINE INDICATOR RESERVE BKS & STRG SEL SW	— — — — — — — — — — — — — — —	— — — — — — — — — — — — — —	B B B C C C C C C C C C C C
P3-1	L491 L698 M10258 N10 N15 N43 N71 S601 S602 S603 S604	— — — D238 D240 D647 D1365	= P = P — — — — — — — — — —	LC4 LC4 LC4 LA2 LC4 LA2 LA2 LC4 LC4 LC5 LC5	= G — — — — — — — — — — —	—	GEAR LEVER LIGHT PLATE HSJ HDG REFERENCE LIGHT PLATE THRUST MODE SELECT PANEL BRAKE PRESSURE INDICATOR FLAPS POSITION INDICATOR R RADIO DIST MAG INDICATOR F/O AUTOLAND STATUS ANN ALTN TE FLAPS ARM SWITCH ALTN LE FLAPS ARM SWITCH GND PROX FLAP OVRD SWITCH GND PROX/CONFIG GEAR OVRD SW	— — — — — — — — — — — — — —	— — — — — — — — — — — — —	B B A C C C C C A A A A
	M9054 F/O EGPWS SW PNL									
	L9010	D9124P	22	LA2	23	—	LIGHT PLATE	33-13-13	—	A
P3-3	L489 N42 N48 N49 S11 S12 S483	— D719 D715 D717 — — —	= P — — — — — —	LA1 LA1 LA1 LA1 LA1 LA1 LA1	= G — — — — — —	—	F/O INSTR SOURCE SEL LIGHT PL F/O CLOCK F/O ALTIMETER R VERTICAL SPEED INDICATOR R EFI INSTR SOURCE SEL SW IRS INSTR SOURCE SEL SW F/O ADC INSTR SOURCE SEL SW	— — — — — — —	— — — — — — —	B C C C A A A
P7	L482 L483	— —	= P = P	LB7 LB5	= G = G	—	CAPT LIGHTING CONTROL LT PL F/O LIGHTING CONTROL LT PL	— —	— —	B B
P13	M901 CAPTAINS HEATER CONTROL PANEL									
	(LT PL)	D3780	1	LD2	2	—	LIGHT PLATE	—	—	A
P14	M902 F/O HEATER CONTROL PANEL									
	(LT PL)	D3762	1	LA3	2	—	LIGHT PLATE	—	—	A
P15	M889 CAPT BOOM MIC JACK PANEL									
	(LT PL)	D1353	1	LD2	2	—	LIGHT PLATE	—	—	A
P16	M890 F/O BOOM MIC JACK PANEL									
	(LT PL)	D1355	1	LA2	2	—	LIGHT PLATE	—	—	A
P55	M90 AFCS MODE CONTROL PANEL									
	(LT PL)	D479	1	LB6	2	—	LIGHT PLATE	—	—	A
	M91 L VOR CONTROL PANEL									
	(LT PL)	D869	1	LB1	2	—	LIGHT PLATE	—	—	A
	M92 R VOR CONTROL PANEL									
	(LT PL)	D871	1	LB5	2	—	LIGHT PLATE	—	—	A

CONTROL STAND INSTRUMENT AND PANEL LIGHTS										
PNL	LIGHT/SW/IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H	C K T
			PIN	REF PT						
P8	M70 CAPTAINS AUDIO SELECT PANEL									
	(LT PL)	D257	1	LJ6	2	—	LIGHT PLATE	—	—	A
	M71 FIRST OFFICER AUDIO SELECT PANEL									
	(LT PL)	D259	1	LH1	2	—	LIGHT PLATE	—	—	A
	M74 AILERON RUDDER TRIM CONTROL PANEL									
	(LT PL)	D1830	1	LG2	2	—	LIGHT PLATE	—	—	A
	N83	D1832	1	LG2	2	—	RUDDER TRIM INDICATOR	—	—	C
	M75 WEATHER RADAR CONTROL PANEL									
	(LT PL)	D395	P	LJ1	E	—	LIGHT PLATE	—	—	A
	M78 L VHF COMMUNICATIONS CONTROL PANEL									
	(LT PL)	D407	1	LJ6	2	—	LIGHT PLATE	—	—	A
	M79 R VHF COMMUNICATIONS CONTROL PANEL									
	(LT PL)	D409	1	LH1	2	—	LIGHT PLATE	—	—	A
	M80 CENTER VHF COMMUNICATIONS CONTROL PANEL									
	(LT PL)	D411	1	LG3	2	—	LIGHT PLATE	—	—	A
	M81 DUAL AIR TRAFFIC CONTROL PANEL									
	(LT PL)	D303	1	LG2	2	—	LIGHT PLATE	—	—	A
	M87 ILS CONTROL PANEL									
	(LT PL)	D603	1	LJ6	2	—	LIGHT PLATE	—	—	A
	M1046 DUAL ADF CONTROL PANEL									
	(LT PL)	D249	1	LJ6	2	—	LIGHT PLATE	—	—	A
	M1631 MULT-INPUT PRINTER									
	(LT PL)	D2307	E-	LG3	M	—	LIGHT PLATE	—	—	A
	M10444(YD0) APU/CARGO FIRE CONTROL PANEL									
	(LT PL)	D864	1	LH2	2	—	LIGHT PLATE	—	—	A
	S1	—	13	15	—	ARMED	FWD CARGO FIRE SWITCH	26-23-01	1	A
	S2	—	13	15	—	ARMED	AFT CARGO FIRE SWITCH	26-23-01	1	A
	M10445 FIRE/OVERHEAT TEST PANEL									
	(LT PL)	D10104	1	LJ1	2	—	LIGHT PLATE	—	—	A
P9	M76 L FMC CONTROL DISPLAY UNIT									
	(LT PL)	D465	28	LF2	29	—	LIGHT PLATE	—	—	A
	M77 R FMC CONTROL DISPLAY UNIT									
	(LT PL)	D467	28	LH2	29	—	LIGHT PLATE	—	—	A
	M10195 EICAS DISPLAY SELECT PANEL									
	(LT PL)	D209	40	LF1	41	—	LIGHT PLATE	—	—	A

INSTRUMENT AND PANEL LIGHTS										
PNL	LIGHT/SW/IND	CONN	POWER		GND	SW CAP INSC	NOMENCLATURE	SCHEM	S H	C K T
			PIN	REF PT						
P10	L496 L576 L577 L604 L1165 N68 N69	— — — — — — —	= P = P = P = P = P = P = P	LG3 LF3 LF3 LG3 LG3 LF3 LH5	= G = G = G = G = G = G = G	—	STAB. TRIM C/O CONT LT PL FLAP SETTING LT PL SPEED BRAKE LT PL FUEL CONTROL LT PL STAB. TRIM ALTN CONT LT PL CAPT STAB. POSITION IND F/O STAB. POSITION IND	— — — — — — —	— — — — — — —	B B B B B B B
	M93 RIGHT EFIS CONTROL PANEL									
	(LT PL)	D471	1	LH3	2	—	LIGHT PLATE	—	—	A
	M94 LEFT EFIS CONTROL PANEL									
	(LT PL)	D469	1	LF3	2	—	LIGHT PLATE	—	—	A
P11-3	L499 L500 L501 L502 L503 L504 L505	— — — — — — —	= P = P = P = P = P = P = P	LM1 LM1 LM1 LM1 LM1 LM1 LM1	= G = G = G = G = G = G = G	—	ROW 1 L LIGHT PLATE ROW 2 L LIGHT PLATE ROW 3 L LIGHT PLATE ROW 4 L LIGHT PLATE ROW 5 L LIGHT PLATE ROW 6 L LIGHT PLATE ROW 7 L LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-2	L506 L507 L508 L509 L510 L511 L512	— — — — — — —	= P = P = P = P = P = P = P	LL1 LL1 LL1 LL1 LL1 LN2 LN2	= G = G = G = G = G = G = G	—	ROW 8 L LIGHT PLATE ROW 9 L LIGHT PLATE ROW 10 L LIGHT PLATE ROW 11 L LIGHT PLATE ROW 12 L LIGHT PLATE ROW 13 L LIGHT PLATE ROW 14 L LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-1	L513 L514 L515 L516 L517 L518 L519	— — — — — — —	= P = P = P = P = P = P = P	LK1 LK1 LK1 LK1 LK1 LN3 LN3	= G = G = G = G = G = G = G	—	ROW 15 L LIGHT PLATE ROW 16 L LIGHT PLATE ROW 17 L LIGHT PLATE ROW 18 L LIGHT PLATE ROW 19 L LIGHT PLATE ROW 20 L LIGHT PLATE ROW 21 L LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-6	L520 L521 L522 L523 L524 L525 L526	— — — — — — —	= P = P = P = P = P = P = P	LM3 LM3 LM3 LM3 LM3 LN1 LN1	= G = G = G = G = G = G = G	—	ROW 1 R LIGHT PLATE ROW 2 R LIGHT PLATE ROW 3 R LIGHT PLATE ROW 4 R LIGHT PLATE ROW 5 R LIGHT PLATE ROW 6 R LIGHT PLATE ROW 7 R LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-5	L527 L528 L529 L530 L531 L532 L533	— — — — — — —	= P = P = P = P = P = P = P	LL3 LL3 LL3 LL3 LL3 LN2 LN2	= G = G = G = G = G = G = G	—	ROW 8 R LIGHT PLATE ROW 9 R LIGHT PLATE ROW 10 R LIGHT PLATE ROW 11 R LIGHT PLATE ROW 12 R LIGHT PLATE ROW 13 R LIGHT PLATE ROW 14 R LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B
P11-4	L534 L535 L536 L537 L538 L539 L540	— — — — — — —	= P = P = P = P = P = P = P	LK3 LK3 LK3 LK3 LK3 LN3 LN3	= G = G = G = G = G = G = G	—	ROW 15 R LIGHT PLATE ROW 16 R LIGHT PLATE ROW 17 R LIGHT PLATE ROW 18 R LIGHT PLATE ROW 19 R LIGHT PLATE ROW 20 R LIGHT PLATE ROW 21 R LIGHT PLATE	— — — — — — —	— — — — — — —	B B B B B B B

**INSTRUMENT AND PANEL LIGHTS**

↳ Incorporates MTO-340961



PNL	LIGHT/ SW/ IND	CONN		POWER	GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H K T	
		PIN	REF PT							
		PIN	REF PT	PIN	REF PT					
PILOTS OVERHEAD PANEL LIGHTS										
P5	M1	APU CONTROL PANEL								
	(LT PL)	D1394	1	LV2	2	---	LIGHT PLATE	---	-A	
	M10(YC)	HYDRALICS SYSTEMS CONTROL PANEL								
	(LT PL)	D1312	1	LV1	2	---	LIGHT PLATE L ENG PRIMARY PUMP C ELEC 1 PRIMARY PUMP C ELEC 2 PRIMARY PUMP R ENG PRIMARY PUMP	29-00-02 1 29-00-04 3 29-00-04 3 29-00-03 1	---	-A
	M13	CABIN PRESSURE SELECT PANEL								
	(LT PL)	D1324	1	LS1	2	---	LIGHT PLATE VALVE POSITION IND LDG ALTITUDE	---	---	-A
	M14(YB)	TEMPERATURE CONTROL PANEL								
	(LT PL)	D1302	1	LV2	2	---	LIGHT PLATE TEMP CONT VALVE POS TRIM AIR L RECIRC FAN R RECIRC FAN	21-60-01 1 21-25-01 1 21-25-02 1	---	-A
	M15(YC)	BLEED AIR SUPPLY PANEL								
	(LT PL)	D1348	1	LP1	2	---	LIGHT PLATE L ISLN VALVE C ISLN VALVE (OPEN) R ISLN VALVE (ON) L ENG VALVE (ON) APU VALVE (OPEN) R ENG VALVE (ON)	36-11-01 1 36-11-03 1 36-11-02 1 36-11-05 1 36-11-04 2 36-11-06 2	---	-A
	N122	D3892	1	LP1	2	---	DUAL DUCT PRESSURE IND (LOC ON M15 PNL)	---	---	-C
	M17	EQUIPMENT COOLING CONTROL PANEL								
	(LT PL)	D1366	1	LS6	2	---	LIGHT PLATE	---	---	-A
	M19	CABIN PRESSURE GAUGES PANEL								
	(LT PL)	D1776	1	LS1	2	---	LIGHT PLATE	---	---	-A
	M29(YDB)	CARGO HEAT CONTROL PANEL								
	(LT PL)	D3842	1	LP3	2	---	LIGHT PLATE FWD CARGO HEAT AFT CARGO HEAT BULK CARGO HEAT	21-43-01 1 21-44-01 1 21-44-02 2	---	-A
	M43	EMERGENCY LIGHTS CONTROL PANEL								
	(LT PL)	D838	1	LP2	2	---	LIGHT PLATE	---	---	-A
	M49	ENGINE IGNITION AND START CONTROL PANEL								
	(LT PL)	D848	1	LP3	2	---	LIGHT PLATE	---	---	-A
	M50	VOICE RECORDER CONTROL PANEL								
	(LT PL)	D731	Y	LR3	2	---	LIGHT PLATE	---	---	-A
	M51	PILOTS CALL PANEL								
	(LT PL)	D735	1	LP2	2	---	LIGHT PLATE	---	---	-A
	M52	PASSENGER SIGNS CONTROL PANEL								
	(LT PL)	D854	1	LT1	2	---	LIGHT PLATE	---	---	-A

PNL	LIGHT/ SW/ IND	CONN		POWER	GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H K T	
		PIN	REF PT							
		PIN	REF PT	PIN	REF PT					
PILOTS OVERHEAD PANEL LIGHTS										
P5	M56(YCT)	ANTI-COLLISION AND LANDING LIGHT CONTROL								
	(LT PL)	D856	1	LR1	2	---	LIGHT PLATE POSITION LIGHTS WHITE ANTI-COLLISION WING LIGHTS RED ANTI-COLLISION LTS	33-43-01 1 33-44-01 1 33-41-01 1 33-44-01 1	---	-A
	M59	INERTIAL REFERENCE MODE PANEL								
	(LT PL)	D739 D741 D743	1 1 1	LP1 LP1 LP1	2 2 2	---	LIGHT PLATE (INPUTS COMMONED)	---	---	-A
	M61	EMERGENCY EVACUATION CONTROL PANEL								
	(LT PL)	D636	1	LP3	2	---	LIGHT PLATE	---	---	-A
	M82	L HF COMMUNICATIONS CONTROL PANEL								
	(LT PL)	D733	1	LP3	2	---	LIGHT PLATE	---	---	-A
	M83	R HF COMMUNICATIONS CONTROL PANEL								
	(LT PL)	D737	1	LR3	2	---	LIGHT PLATE	---	---	-A
	M10023	WINDSHIELD WIPER/RAIN REPELLANT CONTROL PANEL								
	(LT PL)	D884	1	LR1	2	---	LIGHT PLATE	---	---	-A
	M10054	FUEL QUANTITY PANEL								
	(LT PL)	D3896	1	LS2	2	---	LIGHT PLATE	---	---	-A
	M10055(YCL)	FUEL MANAGEMENT PANEL								
	(LT PL)	D1374	1	LS6	2	---	LIGHT PLATE R PUMP - AFT L PUMP - FWD C PUMP - RIGHT L PUMP - AFT R PUMP - FWD C PUMP - LEFT FUEL CROSSFEED VALVE	28-22-01 1 28-22-01 1 28-22-01 3 28-22-01 1 28-22-01 2 28-22-01 3 28-22-01 4	---	-A
	M10056(YCW)	LEFT LIGHTING CONTROL PANEL								
	(LT PL)	D840	1	LS4	2	---	LIGHT PLATE LT OVRD	33-11-01 1	---	-A
	M10057(YCX)	RIGHT OVERHEAD LIGHTING CONTROL PANEL								
	(LT PL)	D860	1	LS4	2	---	LIGHT PLATE LOGO	33-45-01 1	---	-A
	M10062(YDI)	STANDBY POWER PANEL								
	(LT PL)	D10216	1	LV2	2	---	LIGHT PLATE BAT	24-33-01 1	---	-A
	M1798	HF SAT AUDIO XFR & SAT CALL/RST PNL								
	(LT PL)	D2695	1	LP2	2	---	LIGHT PLATE	23-25-02 1	---	-A
	M1733	FUEL JTSN CNT PNL								
	(LT PL)	D12172 S1 D12176 S2	1 1 1 1	LS6 2 2	2 2	---	LIGHT PLATE L NOZZLE VALVE R NOZZLE VALVE	28-38-01 1 28-38-02 1	---	-A
	M1619	FWD CARGO TEMP CONTROL								
	(LT PL)	D13534	1	LT2	2	---	LIGHT PLATE FWD CARGO FAULT	21-61-81 1	---	-A

PNL	LIGHT/ SW/ IND	CONN		POWER	GND	SWITCH CAP INSC	SYSTEM	SCHEM	S H K T	
		PIN	REF PT							
		PIN	REF PT	PIN	REF PT					
PILOTS OVERHEAD AND RIGHT SIDE PANEL LIGHTS										
P5	M10063(YDJ)	ELECTRICAL SYSTEMS PANEL								
	(LT PL)	D1382	1	LV3	2	---	LIGHT PLATE L GEN CONT R GEN CONT L UTILITY BUS R UTILITY BUS L TIE BUS R TIE BUS APU GEN	24-20-01 1 24-20-02 1 24-51-01 3 24-51-02 3 24-20-01 1 24-20-02 1 24-20-03 1	---	-A
	M10078	COMPARTMENT TEMPERATURE PANEL								
	(LT PL)	D1358	1	LT2	2	---	LIGHT PLATE	---	---	-A
	M10250(YAL)	YAW DAMPER PANEL								
	(LT PL)	D723	1	LP2	2	---	LIGHT PLATE L YAW DAMPER R YAW DAMPER	22-21-01 1 22-21-02 1	---	-A
	M10395(YDM)	WINDOW HEAT CONTROL PANEL								
	(LT PL)	D876	1	LT1	2	---	LIGHT PLATE R SIDE WINDOW HEAT R FWD WINDOW HEAT L FWD WINDOW HEAT L SIDE WINDOW HEAT	30-41-01 1 30-41-02 1 30-41-01 1 30-41-02 1	---	-A
	M10397(YDN)	WING AND ENGINE ANTI-ICE CONTROL PANEL								
	(LT PL)	D890	1	LV2	2	---	LIGHT PLATE L ENG ANTI-ICE VALVE R ENG ANTI-ICE VALVE WING ANTI-ICE VALVE	30-21-01 1 30-21-01 1 30-11-01 1	---	-A
	M10761(YHW)	EEC CONTROL MODULE								
	(LT PL)	D2083 S1 D2085 S2	1 13 13	LV2 2 2	2 2 2	---	LIGHTPLATE L EEC CONT R EEC CONT	73-21-01 1 73-21-01 1	---	-A
P61	M98	FIRST OBSERVERS AUDIO SELECT PANEL								
	(LT PL)	D551	1	LE2	2	---	LIGHT PLATE	---	---	-A
	M133	FIRST OBS BOOM MIC JACK PNL								
	(LT PL)	D557	1	LE2	2	---	LIGHT PLATE	---	---	-A
	M1129	RIGHT SIDE OBSERVERS LIGHTING CONTROL PANEL								
	(LT PL)	D10396	1	LE3	2	---	LIGHT PLATE	---	---	-A

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### INSTRUMENT AND PANEL LIGHTS

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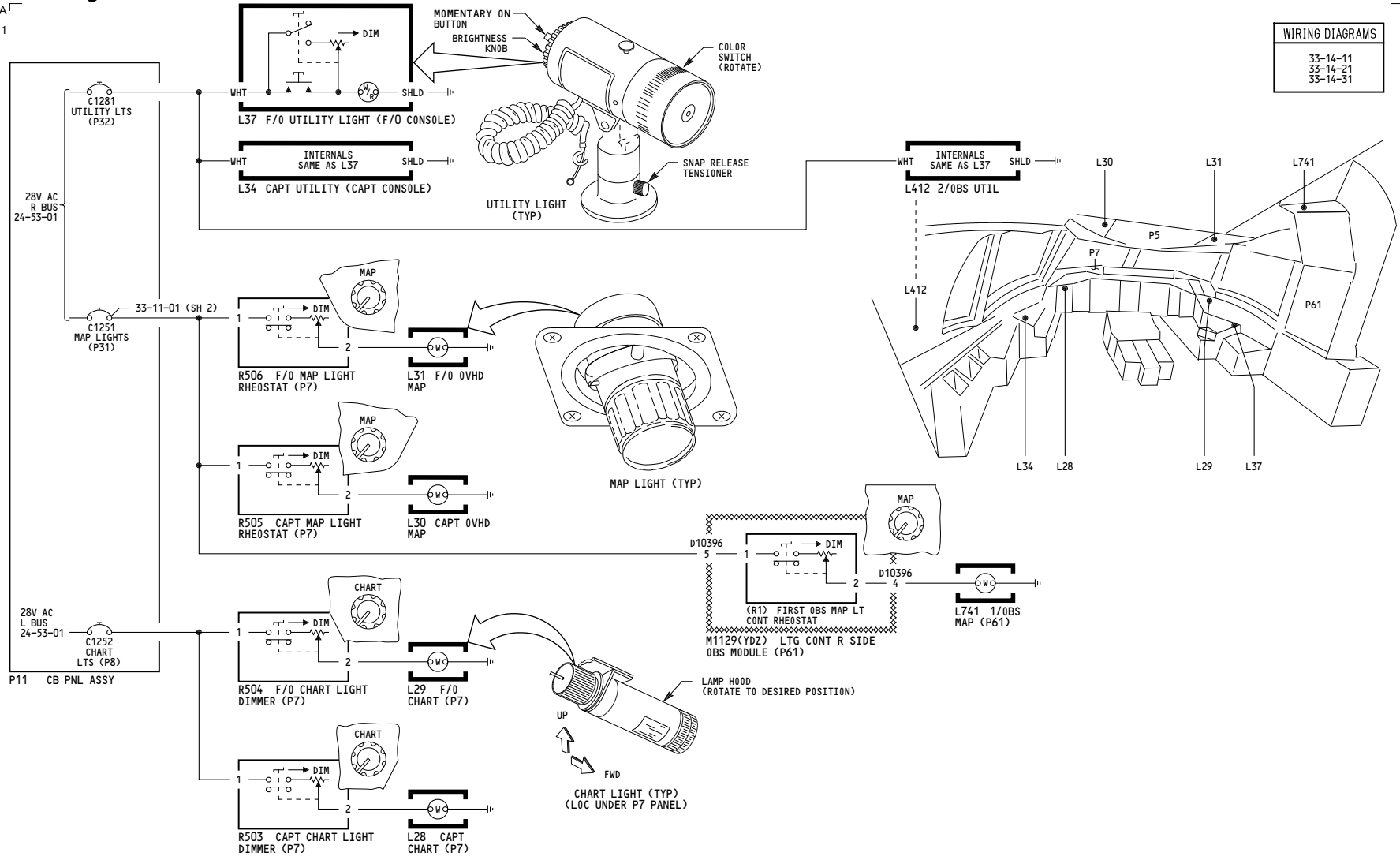
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WIRING DIAGRAMS  
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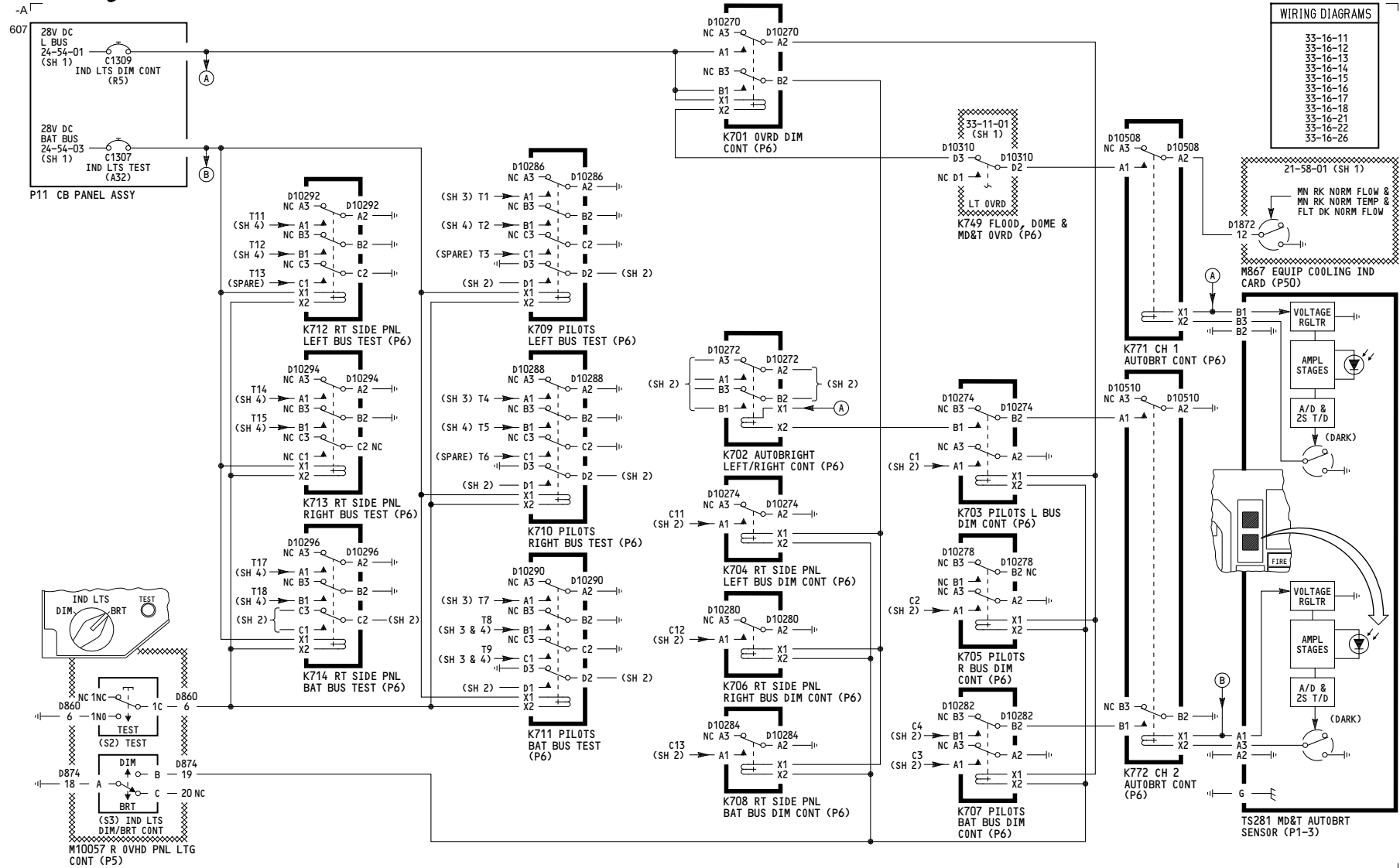
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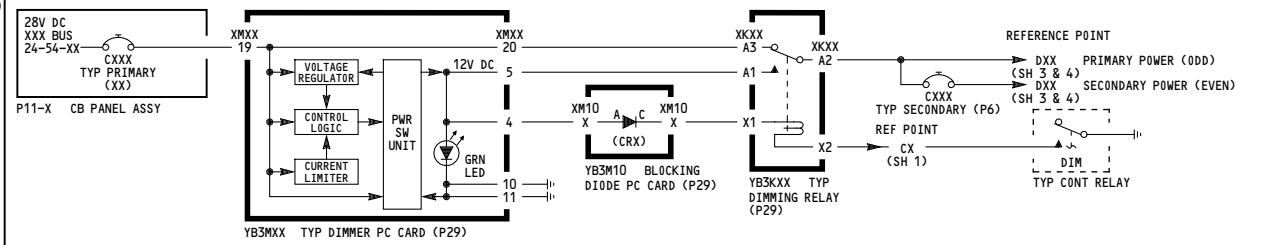
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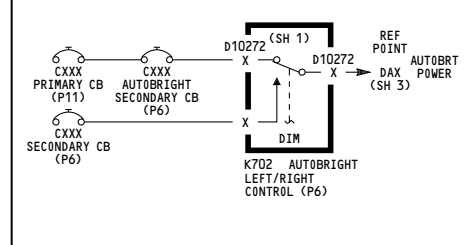
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**TABLE I - TYP ANNUCIATOR BRIGHT/DIM CIRCUIT**



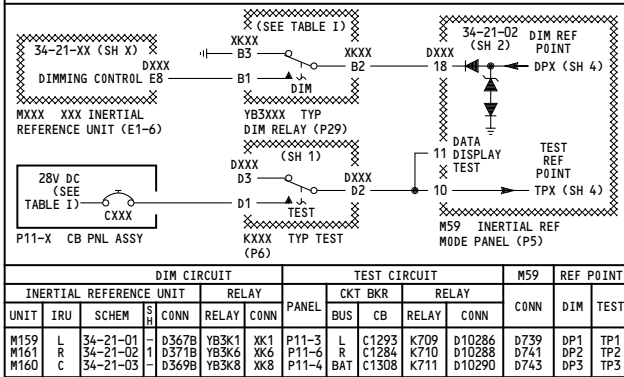
PRIMARY CIRCUIT BREAKER				DIMMER PC CARD				DIODE		DIMMING RELAY				CONT RLY		SECONDARY CIRCUIT BREAKER				REF POINT		
CB	GRID LOC	PNL	NOMENCLATURE	BUS	SCHEM	SH	CARD	CONN	NOMENCLATURE	(CR)	TERM A	TERM C	RELAY	NOMENCLATURE	CONN	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR
C1293	R1	P11-3	IND LTS L1	L	24-54-01		YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1 DL3	NONE DL4
C1297	R2		IND LTS L2				YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5 DL7	DL6 DL8
C1298	R3		IND LTS L3				YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9 DL11	DL10 NONE
C1273	R28	P11-6	IND LTS R1	R	24-54-02		YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13 DR15	NONE DR16
C1274	R29		IND LTS R2				YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 K29	K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR17 DR19	DR18 DR20
C1284	R30		IND LTS R3				YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR21 NONE	DR22 NONE
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03		YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25 DB27	DB26 DB28
C1308	A34		IND LTS 2				YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29 DB31	DB30 DB32
C1200	A35		IND LTS 3				YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33 NONE	DA36 NONE

**TABLE II - TYP ANNUCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT**



(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY			AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT	
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6	
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18	
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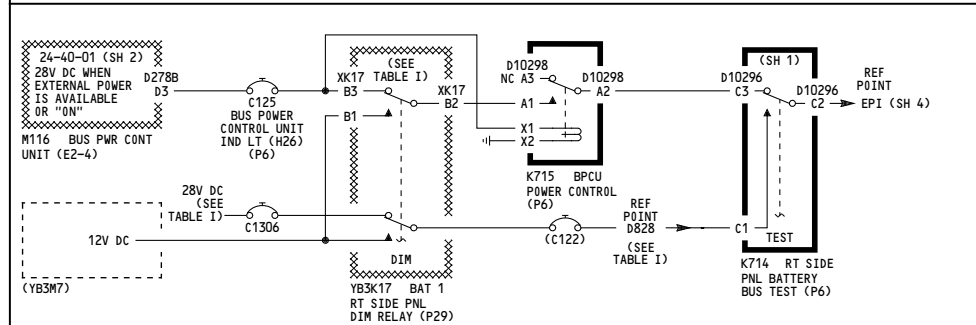
**TABLE III - M59 PANEL ANNUCIATOR DIM/TEST CIRCUITS**



DIM CIRCUIT				TEST CIRCUIT				M59		REF POINT	
UNIT	IRU	SCHEM	SH	CONN	RELAY	CONN	PANEL	CONN	DIM	TEST	
M159	L	34-21-01	1	D367B	YB3K1	XK1	P11-3	L	C1293	D10286	D739
M161	R	34-21-02	1	D371B	YB3K6	XK6	P11-6	R	C1284	D10288	D741
M160	C	34-21-03	1	D369B	YB3K8	XK8	P11-4	BAT	C1308	D10290	D743

BRIGHT/DIM POWER DISTRIBUTION

**TABLE IV - EXTERNAL POWER ANNUCIATOR (AVAIL/ON) POWER/DIM CIRCUIT**



NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

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**MASTER DIM AND TEST**

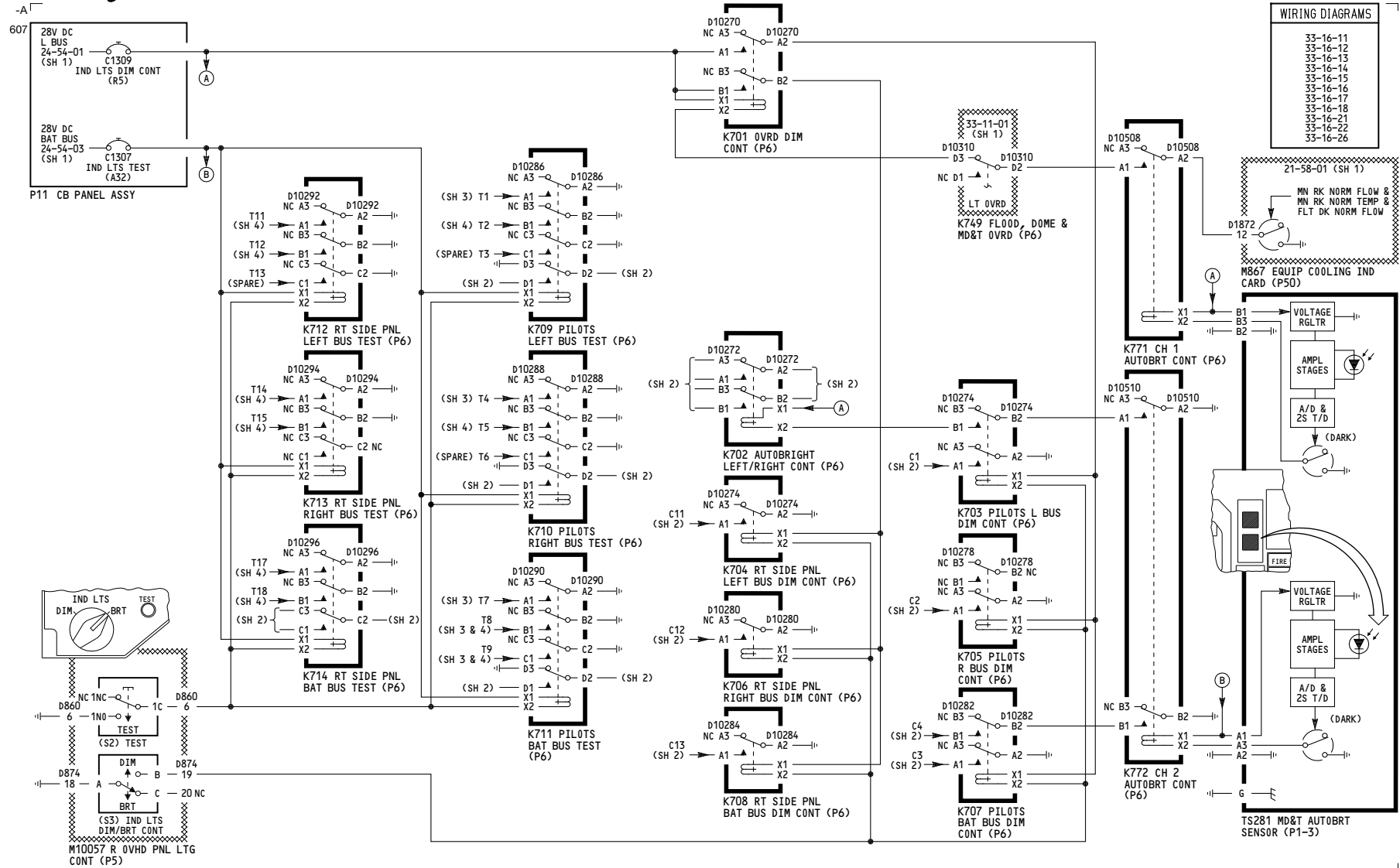
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MASTER DIM AND TEST

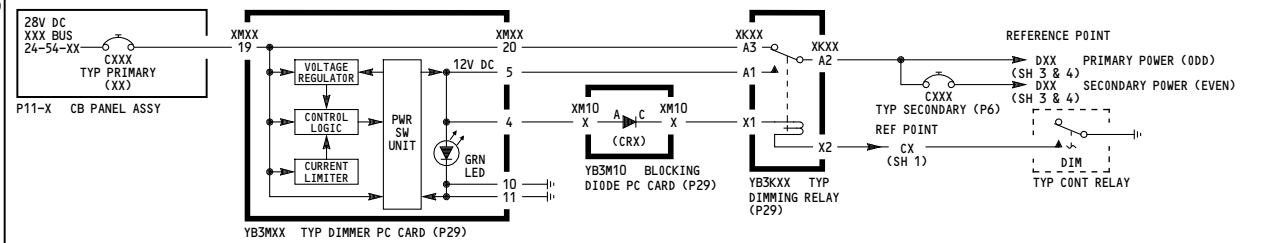
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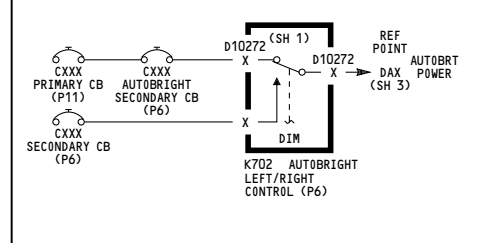
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TABLE I - TYP ANNUCIATOR BRIGHT/DIM CIRCUIT



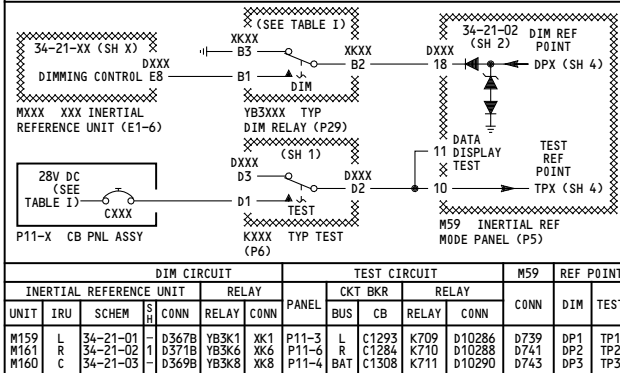
PRIMARY CIRCUIT BREAKER				DIMMER PC CARD				DIODE		DIMMING RELAY				CONT RLY		SECONDARY CIRCUIT BREAKER				REF POINT		
CB	GRID LOC	PNL	NOMENCLATURE	BUS	SCHEM	SH	CARD	CONN	NOMENCLATURE	(CR)	TERM A	TERM C	RELAY	CONN	NOMENCLATURE	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR
C1293	R1	P11-3	IND LTS L1	L	24-54-01		YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1	NONE
C1297	R2		IND LTS L2				YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5	DL6
C1298	R3		IND LTS L3				YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9	DL10
C1273	R28	P11-6	IND LTS R1	R	24-54-02		YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13	NONE
C1274	R29		IND LTS R2				YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 C120	K29 K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR15	DR16
C1284	R30		IND LTS R3				YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR17	DR18
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03		YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25	DB26
C1308	A34		IND LTS 2				YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29	DB30
C1200	A35		IND LTS 3				YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33	NONE

TABLE II - TYP ANNUCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT



(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY			AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT	
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6	
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18	
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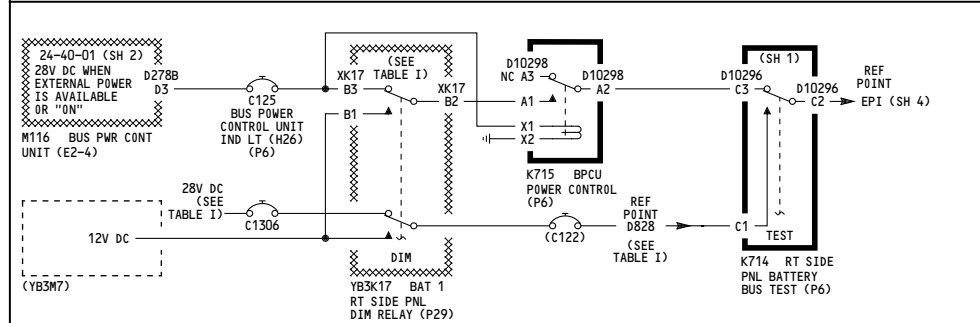
TABLE III - M59 PANEL ANNUCIATOR DIM/TEST CIRCUITS



DIM CIRCUIT				TEST CIRCUIT				M59		REF POINT	
UNIT	IRU	SCHEM	SH	CONN	RELAY	CONN	PANEL	CONN	DIM	TEST	
M159	L	34-21-01	1	D367B	YB3K1	XK1	P11-3	L	C1293	D10286	
M161	R	34-21-02	1	D371B	YB3K6	XK6	P11-6	R	C1284	D10288	
M160	C	34-21-03	1	D369B	YB3K8	XK8	P11-4	BAT	C1308	D10290	

BRIGHT/DIM POWER DISTRIBUTION

TABLE IV - EXTERNAL POWER ANNUCIATOR (AVAIL/ON) POWER/DIM CIRCUIT



NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

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MASTER DIM AND TEST

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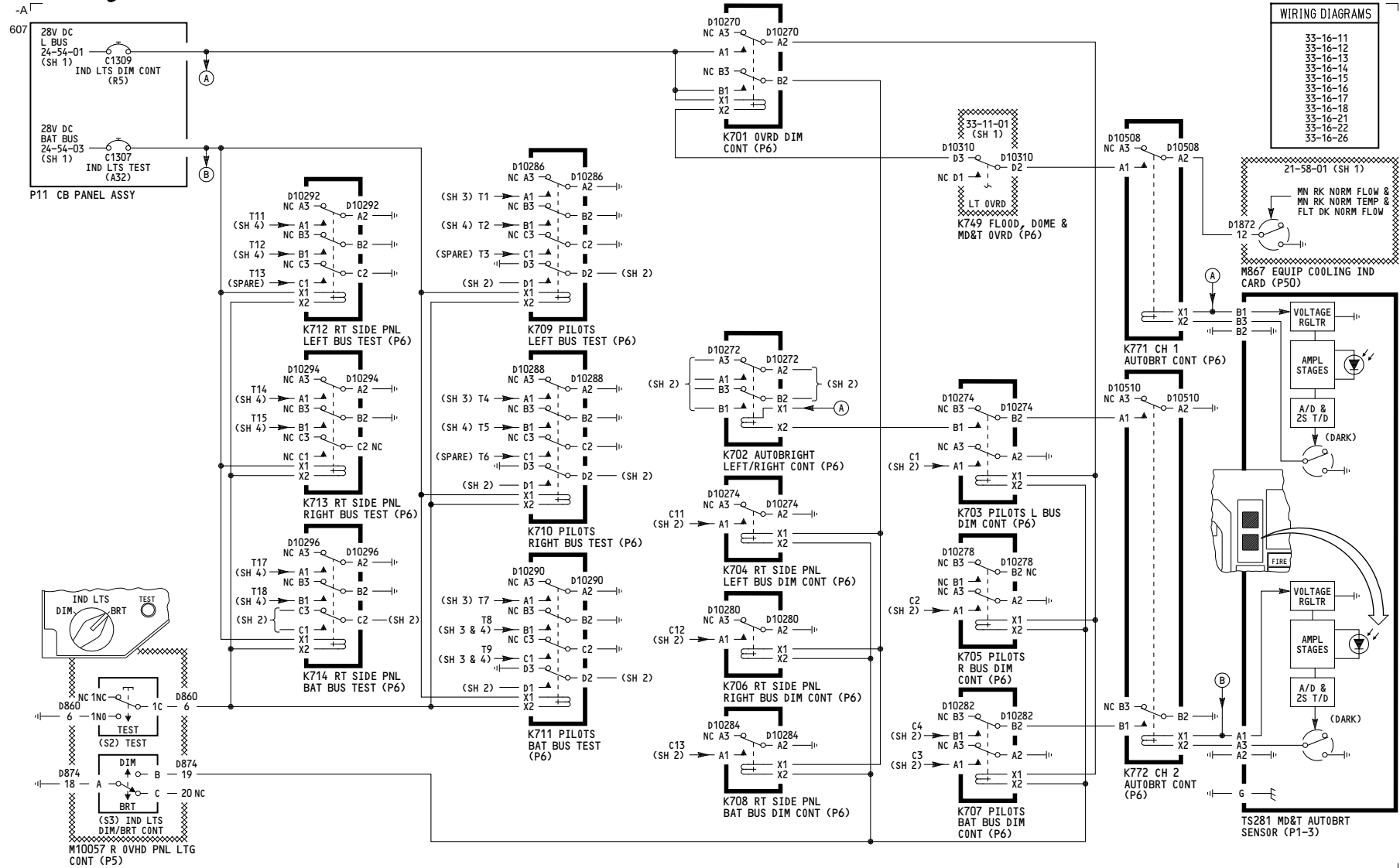
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WIRING DIAGRAMS	
33-16-11	
33-16-12	
33-16-13	
33-16-14	
33-16-15	
33-16-16	
33-16-17	
33-16-18	
33-16-21	
33-16-22	
33-16-26	

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**MASTER DIM AND TEST**

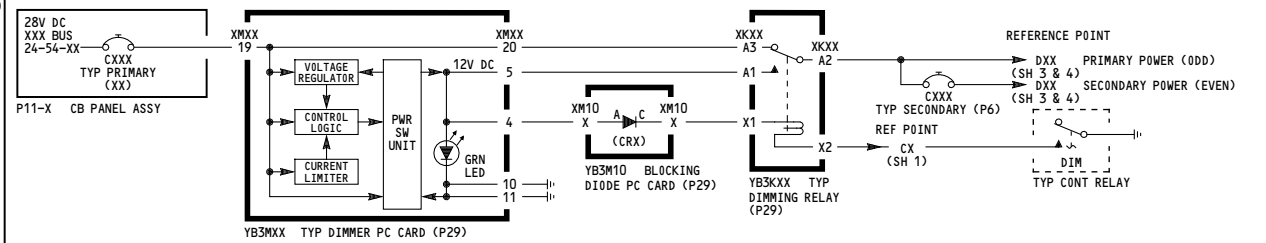
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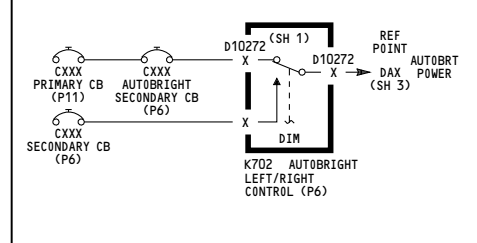
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**TABLE I - TYP ANNUCIATOR BRIGHT/DIM CIRCUIT**



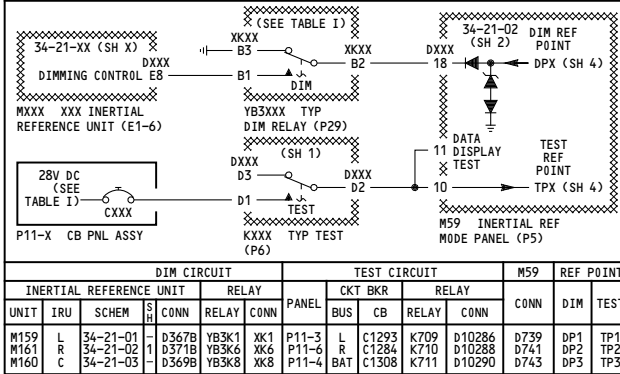
PRIMARY CIRCUIT BREAKER				DIMMER PC CARD				DIODE		DIMMING RELAY				CONT RLY		SECONDARY CIRCUIT BREAKER				REF POINT	
CB	GRID LOC	PNL	NOMENCLATURE	BUS	SCHEM	CARD	CONN	NOMENCLATURE	(CR)	TERM A	TERM C	RELAY	CONN	NOMENCLATURE	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR
C1293	R1	P11-3	IND LTS L1	L	24-54-01	YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1 DL3	NONE DL4
C1297	R2		IND LTS L2			YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5 DL7	DL6 DL8
C1298	R3		IND LTS L3			YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9 DL11	DL10 NONE
C1273	R28	P11-6	IND LTS R1	R	24-54-02	YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13 DR15	NONE DR16
C1274	R29		IND LTS R2			YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 K29	K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR17 DR19	DR18 DR20
C1284	R30		IND LTS R3			YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR21 NONE	DR22 NONE
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03	YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25 DB27	DB26 DB28
C1308	A34		IND LTS 2			YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29 DB31	DB30 DB32
C1200	A35		IND LTS 3			YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33 NONE	DA36 NONE

**TABLE II - TYP ANNUCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT**



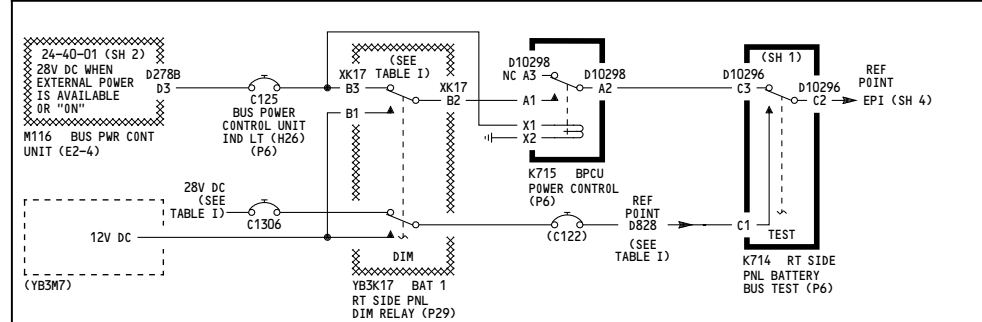
(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY		AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18
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**TABLE III - M59 PANEL ANNUCIATOR DIM/TEST CIRCUITS**



BRIGHT/DIM POWER DISTRIBUTION

**TABLE IV - EXTERNAL POWER ANNUCIATOR (AVAIL/ON) POWER/DIM CIRCUIT**



NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

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**MASTER DIM AND TEST**

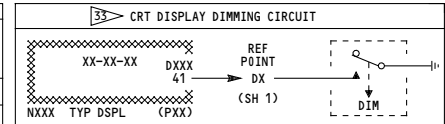
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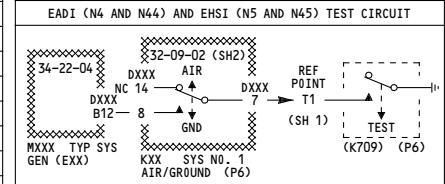
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PNL	IND/ LT/ SW	SYSTEM ANNUNCIATOR LIGHTS										SCHEM	S	CONN	C K T
		ANNUNCIATOR LIGHT					EQUIPMENT NOMENCLATURE	SCHEM	S	CONN	C K T				
		DIM	TEST	CAP	INSC										
REF PIN	REF PIN	REF PIN	REF PIN	X	INSC	EQUIPMENT NOMENCLATURE	SCHEM	S	CONN	C K T					
P1-3	L19 L119 L136	1 DA18 1 DA18 1 DA18	3 T4 3 T4 3 T4	A A A	A/P AUTO BRKES ALT ALERT	A/P CTN LT AUTO. BRK LT ALT ALERT	22-10-02 32-42-03 34-16-01	2 2 1	A A A	A A A					
	L474 L475 L585 L586 L587 L591 L603 L605 L716	1 DL1 1 DR13 1 DB33 1 DB33 1 DB33 1 DA18 1 DA18 1 DB25 1 DL6	3 T1 3 T4 3 T7 3 T7 3 T7 3 T4 3 T4 3 T7 3 T1	L R W A B A A T A	L ENG OIL PRESS. R ENG OIL PRESS. INNER/AIRWAYS MIDDLE OUTER A/T DISC. FMC BRAKE SOURCE SPEED BRAKES	L OIL PRESSURE LT R OIL PRESSURE LT CAPT INNER MKR BCN LT CAPT MIDDLE MKR BCN LT CAPT OUTER MKR BCN LT A/T DISENG LT FMC ANN LT BRK SOURCE PRESS. LT SPEED BRKS LT	79-00-01 79-00-01 34-32-01 34-32-01 34-32-01 22-30-02 34-61-02 32-41-01 31-51-04	1 1 1 1 1 1 1 1 1	A A A A A A A A A	A A A A A A A A A					
	M779	A1 DA36 A4 DA18 B1 DA36 B4 DA18 C1 DA36 C4 DA6 D1 DA36 D4 DA18 E1 DA36 E4 DA6 F1 DA36 F4 DA18	A3 T7 A6 T4 B3 T7 B6 T4 C3 T7 C6 T1 D3 T7 D6 T4 E3 T7 E6 T1 F3 T7 F6 T4	R R R R R R R R R R R R	DISCRETE WARN DISPLAY LIGHT A (RIGHT SIDE) LIGHT B (LEFT SIDE) LIGHT C (RIGHT SIDE) LIGHT D (RIGHT SIDE) LIGHT E (RIGHT SIDE) LIGHT F (LEFT SIDE) LIGHT F (RIGHT SIDE) LIGHT F (LEFT SIDE)	26-11-01 31-51-03 34-46-01 22-10-02 21-33-01 34-12-02	2 2 2 3 1 1	B B B B B B	B B B B B B	B B B B B B					
	N8	11 DL6	9 T1	W	ALT	CAPT ALTM	34-16-01	1	D111	A					
	S16	13 DA6 18 DA6 18 DB25	14 T1 14 T1 17 T7	A A A	GND PROX G/S INHB VALVE	G/S INHIBIT LT GND PROX SW RSV BRKS AND STRG SEL SW	34-46-01 34-46-01 29-00-04	2 2 1	A A A	A A A					
P3-1	L652 L653 L654 L657 L658 L660 L663 L680 L804 L804	1 DB26 4 DR13 1 DB26 4 DR13 4 DB26 4 DR13 1 DR13 1 DR13 1 DL1 1 DB33 1 DL6 1 DL6	3 T7 3 T4 3 T7 3 T7 3 T7 3 T4 3 T4 3 T4 3 T1 3 T7 3 T1 3 T1	G G G A A A A A A A A A	LEFT RIGHT NOSE GEAR DOORS TE LE CONFIG LT BRAKE TEMP WHL WELL FIRE (BLANK) TAIL SKID	L GEAR LT R GEAR LT NOSE GEAR LT GEAR LT DOORS LT TE LT LE CONFIG LT BRK TEMP LT WHL WELL FIRE LT (SPARE)	32-61-01 32-61-01 32-61-01 32-61-01 32-61-01 27-58-03 27-88-01 32-46-01 26-17-01 32-71-01	2 2 2 4 6 2 2 1 1 1 1	B B B B B A A A A A	B B B B B A A A A A					
P3-3	L588 L589 L590 N48	1 DB33 1 DB33 1 DB33 1 DL6	3 T7 3 T7 3 T7 9 T7	W A B W	INNER/AIRWAYS MIDDLE OUTER ALT	F/O INNER MKR BCN LT F/O MIDDLE MKR BCN LT F/O OUTER MKR BCN LT F/O ALTM	34-32-01 34-32-01 34-32-01 34-16-01	1 1 1 1	A A A A	A A A A					
P7	S507 L18 L18 S508 L18 DR21	13 DB26 18 DL9 13 DB30 18 DR21	14 T8 17 T1 14 T8 14 T8 17 T4	R A R R	WARNING CAUTION WARNING CAUTION	CAPT MSTR WARN AND CAUTION LT SW F/O MSTR WARN AND CAUTION LT SW	31-51-02 31-41-06 31-51-02 31-41-06	2 2 2 2	A A A A	A A A A					
P8	S37 S38 S39	1 DB33 1 DB29 1 DB29	— — — — — —	R R R	L R APU	L ENG FIRE SW (LOC ON M10443) R ENG FIRE SW (LOC ON M10443) APU FIRE SW (LOC ON M10444)	26-11-01 26-11-02 26-15-01	2 2 1	D836 D862 D846	C C C					

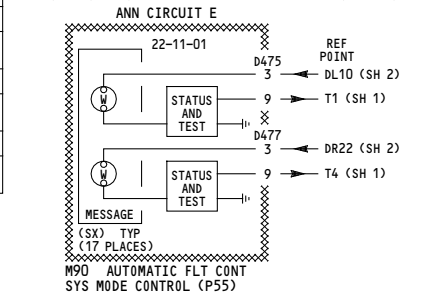
PNL	LT/ SW	SYSTEM ANNUNCIATOR LIGHTS										SCHEM	S	CONN	C K T
		ANNUNCIATOR LIGHT					SYSTEM	SCHEM	S	CONN	C K T				
		DIM	TEST	CAP	INSC										
REF PIN	REF PIN	REF PIN	REF PIN	X	INSC	SYSTEM	SCHEM	S	CONN	DIM	TEST	PIN	PIN	PIN	
P8	M10443(YEG)	L1 DB29 L2 DB29 L3 DB33 L4 DB33	3 T9 3 T9 3 T8 3 T8	A A A A	ENGINE FIRE CONTROL PANEL	L ENG OVHT ENG BTL 1 DISCH ENG BTL 2 DISCH R ENG OVHT	FIRE DET EXT EXT FIRE DET	26-11-01 26-21-01 26-21-01 26-11-02	2 2 2 2	D10100 D10100 D10102 D10102	3 3 3 3	4 4 4 4	A A A A	A A A A	
	M10444(YD0)	L1 DB29 S1 DB33 S2 DB29 S3 DB33	3 T9 3 T8 3 T9 3 T8	A R R A	APU/CARGO FIRE CONTROL PANEL	APU BTL CARGO FIRE CARGO FIRE CAP BTL DISCH	EXT CARGO FIRE CARGO FIRE CAP BTL DISCH	26-22-01 26-16-01 26-16-01 26-23-01	2 2 2 1	D866 D866 D866 D864	3 3 3 3	4 4 4 4	A A A A	A A A A	
	M10445(YEH)	S2 DB26	17 T8	A	FIRE/OVERHEAT TEST PANEL	FAIL P-RESET	SYS FAIL	26-11-01	2	D10104	3	4	A	A	
P9	M76(-)	— DB25	— T7	—	LEFT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT	—	—	34-61-02	2	D465	27	23	—	—	
	M77(-)	— DR21	— T4	—	RIGHT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT	—	—	34-61-04	—	D467	27	23	—	—	
P10	L800	1 DB29	3 T7	W	FUEL CONTROL PANEL	PARK BRAKE SET	—	32-41-01	1	—	—	—	A	A	
	M73(YAZ)	L1 DB33 L2 DB33 L3 DB29 L4 DB29 L5 DB29 S1 DB33 S2 DB29	3 T7 3 T7 3 T7 3 T7 3 T7 3 T7 3 T7	A A A A A A A	FUEL CONTROL PANEL	SPAR VALVE ENG VALVE SPAR VALVE ENG VALVE REV ISLN FUEL FIRE R ENG FIRE	L ENG FUEL CONT L ENG FUEL CONT R ENG FUEL CONT R ENG FUEL CONT FUEL CONT L ENG FIRE R ENG FIRE	28-22-01 76-11-01 28-22-01 28-22-01 78-36-01 26-11-01 26-11-02	4 3 3 3 1 3 3	D1469 D1469 D1471 D1471 D1471 D1469 D1471	3 3 3 3 3 3 3	4 4 4 4 4 4 4	A A A A A D D	A A A A A D D	
P55	M90(-)	(SX) —	DL10 DR22	—	T1 T4	W	(SEE SYS SCHEM FOR INDIVIDUAL SW)	22-10-01 22-10-01	—	D475 D477	3 3	9 9	E E	E E	
	M91(-)	S3 DB25 S3 DB25	14 T8 17 T8	W W	AUTO. MAN.	LEFT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL	—	34-51-01 34-51-01	—	D869 D869	4 4	5 5	A A	A A	
	M92(-)	S3 DB25 S3 DB25	14 T8 17 T8	W W	AUTO. MAN.	RIGHT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL	—	34-51-02 34-51-02	—	D871 D871	4 4	5 5	A A	A A	



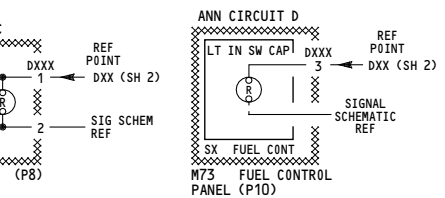
PNL	IND	CONN	NOMENCLATURE	SCHEM	S	REF POINT
P1-2	N4 N5	D107 D109	L ELEX ATTD DIR IND L ELEX HORIZ SITUATION IND	34-22-05 34-22-05	2 2	D2 D2
P2	N10013 N10014	D205 D207	EICAS UPPER DSPL IND EICAS LOWER DSPL IND	31-41-05 31-41-06	2 2	D2 D2
P3-2	N44 N45	D807 D809	R ELEX ATTD DIR IND R ELEX HORIZ SITUATION IND	34-22-05 34-22-05	2 2	D1 D1



SYMBOL GENERATOR	AIR/GND RELAY				
SHELF	GEN	CONN	NOMENCLATURE	RELAY	CONN
E1-2	M148	D425D	L ELEX FLT INSTR SYS SYM GEN	K177	D3534
E1-4	M149	D413D	L ELEX FLT INSTR SYS SYM GEN	K143	D3554
E1-5	M150	D375D	R ELEX FLT INSTR SYS SYM GEN	K149	D3516



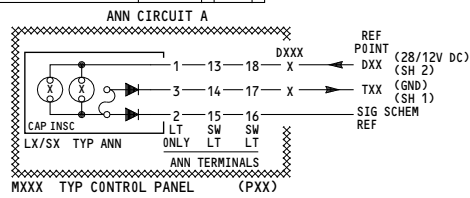
M90 AUTOMATIC FLT CONT SYS MODE CONTROL (P55)



LXXX/M779 TYP ANN (PIN LETTER PREFIX USED WITH M779)  
SXX TYP FIRE SW (P8)  
M73 FUEL CONTROL PANEL (P10)

NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF M&T AND ARE SHOWN FOR REFERENCE ONLY  
 31 VB371-VB400 (231-233)  
 32 VK001-VK030 (234-236, 253-253, 264-269)  
 33 TABLE EFF FOR VB371-VB373 (231-233) ONLY.

32 L474 & L475 DIM REF PNT IS DB25 FOR VB374-VB400, VK009-VK020, VK023-VK030  
 33 L474 & L475 TEST REF PNT IS T7 FOR VB374-VB400, VK009-VK020, VK023-VK030



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### MASTER DIM AND TEST

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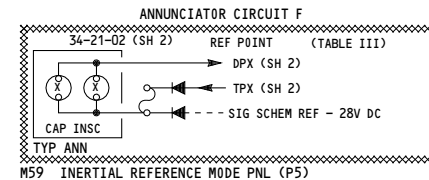
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777

SYSTEM ANNUNCIATOR LIGHTS																										
P N L	L T P IN	D I M	T E S T	C A P	I N S C R I P T I O N	S Y S T E M	S C H E M	S	C O N T R O L																	
									C O N N	D I M	T E S T	P I N														
<b>M1(YAS) APU CONTROL PANEL</b>																										
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	DB27	DB27	T17	T17	A	FAULT RUN	APU	49-00-04	1	D1394	3	4	
<b>M10(YCY) HYDRAULIC SYSTEM CONTROL PANEL</b>																										
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	DR15	DB27	T15	T15	A	SYS PRESS.	L HYD	29-00-02	1	D1360	3	4	
<b>M13(-) CABIN PRESSURE SELECTOR PANEL</b>																										
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	DB31	T14	A	INOP.	INOP. CAB. ALT CONT MODE		21-31-01	1	D1324	3	4		
<b>M14(YBF) TEMPERATURE CONTROL PANEL</b>																										
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	DR19	DR19	T14	T14	A	INOP.	FLT DECK FWD CAB.		21-60-02	1	D1342	3	4
<b>M15(YCZ) BLEED AIR SUPPLY PANEL</b>																										
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	DL3	DR15	T12	T12	A	DUCT LEAK	L ENG	26-18-01	2	D1316	3	4	
<b>M17(YDA) EQUIPMENT COOLING CONTROL PANEL</b>																										
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	DB33	DR19	T8	T8	A	CABIN ALT		21-33-01	2	D1328	3	4	
<b>M29(YDB) CARGO HEAT CONTROL PANEL</b>																										
S1	S2	S3	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	DR20	DR20	T14	T14	A	OVHT	FWD CARGO HEAT	21-43-01	-	D3842	3	4	
<b>M43(YB1) EMERGENCY LIGHTS CONTROL PANEL</b>																										
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	DB25	DB25	T9	T9	A	UNARMED PASS. OXY	EMER LIGHTS	33-51-01	1	D838	3	4	
<b>M49(YAY) ENGINE IGNITION &amp; START CONTROL PANEL</b>																										
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	DB30	DB30	T9	T9	A	VALVE	L ENGINE START	80-11-01	1	D852	3	4	

SYSTEM ANNUNCIATOR LIGHTS																									
P N L	L T P IN	D I M	T E S T	C A P	I N S C R I P T I O N	S Y S T E M	S C H E M	S	C O N T R O L																
									C O N N	D I M	T E S T	P I N													
<b>M51(-) PILOTS CALL PANEL</b>																									
S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	L1	L2	L3	DB33	DB33	T8	T8	B	L VHF SELCAL		23-21-01	-	D735	41	40
<b>M59(-) INERTIAL REFERENCE MODE PANEL (SEE ANN. CIRCUIT F)</b>																									
-	-	-	-	-	-	-	-	-	-	-	-	-	-	DP1	DP1	TP1	TP1	A	ALIGN ON DC	L IRS	34-21-01	-	D739	18	10
<b>M1111(YDG) ENTERTAINMENT PANEL</b>																									
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	DR21	T5	B	VIDEO ON				23-32-01	2	D1655	3	4
<b>M1619 FWD CARGO TEMP CONTROL</b>																									
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	DL3	T11	A	INOP.	FWD CAR. A/C		21-28-XX	-	D13584	3	4	
<b>M1005(YCL) FUEL MANAGEMENT PANEL</b>																									
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	DL3	T12	A	FUEL CONF	R PUMP - AFT		28-41-01	1	D1330	3	4	
<b>M1005(YCX) RIGHT OVERHEAD LIGHTING CONTROL PANEL</b>																									
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	DL9	T2	A	LOCK FAIL	FLT DECK DOOR		52-51-01	-	D874	3	4	
<b>M10062(YD1) STANDBY POWER PANEL</b>																									
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	-	-	T18	A	OFF	STBY PWR		24-33-01	-	D10216	-	4
<b>M10063(YD) ELECTRICAL SYSTEM PANEL</b>																									
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	DB28	T18	A	OFF	DISCH	BAT.		24-33-01	-	D10216	3	4
<b>M10250(YAL) YAW DAMPER PANEL</b>																									
S1	S2	S3	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	DB33	DR13	T8	A	INOP.	L YAW DAMPER		22-21-01	1	D723	3	4

NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF M&T AND ARE SHOWN FOR REF ONLY.  
ALL ANNUNCIATORS ON THIS SHEET ARE PER ANN CIRCUIT A (SEE SH 3) EXCEPT WHERE NOTED.  
M1111 ON SHEET 3 FOR VN151-VN155 (150-154)

SYSTEM ANNUNCIATOR LIGHTS																									
P N L	L T P IN	D I M	T E S T	C A P	I N S C R I P T I O N	S Y S T E M	S C H E M	S	C O N T R O L																
									C O N N	D I M	T E S T	P I N													
<b>M10394(YDL) ANNUNCIATOR PANEL</b>																									
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	DR17	DR17	T5	A	ENTRY DOORS		52-70-01	1	D1678	3	4	
<b>M10395(YDM) WINDOW HEAT CONTROL PANEL</b>																									
S1	S2	S3	S4	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	DL6	DR17	T5	A	INOP.	R SIDE WDO HT		30-41-01	1	D876	3	4
<b>M10397(YDN) WING AND ENGINE ANTI-ICE CONTROL PANEL</b>																									
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	DB30	DB30	T9	A	VALVE	L WING VALVE		30-11-01	1	D10220	3	4
<b>M10761(YHM) EEC CONTROL MODULE</b>																									
S1	S2	L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	DB33	DB31	T8	A	ALTN	L EEC		73-21-01	-	D2083	3	4
<b>M33(YDS) FLIGHT RECORDER CONTROL PANEL</b>																									
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	DL11	T11	W	OFF	FLT REC		31-31-01	1	D493	3	4	
<b>M1087(YDW) HYDRAULICS/GENERATOR FIELD CONTROL PANEL</b>																									
S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11	S12	L1	L2	DR16	DR16	T14	A	OFF	WG R FLT CONT		27-00-01	1	D10114	3	4
<b>M1216(YER) RESERVE BRAKES &amp; STEERING PANEL</b>																									
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	DL8	T11	W	ISLN	C HYD SYS		29-00-04	1	D10732	3	4	
<b>L755 FWD LAV OCCUPIED LT</b>																									
-	-	-	-	-	-	-	-	-	-	-	-	-	-	DL11	T3	TL11	W	FWD LAV OCCUP	FWD LAV		33-26-21	-	---	1	3



M59 INERTIAL REFERENCE MODE PNL (P5)

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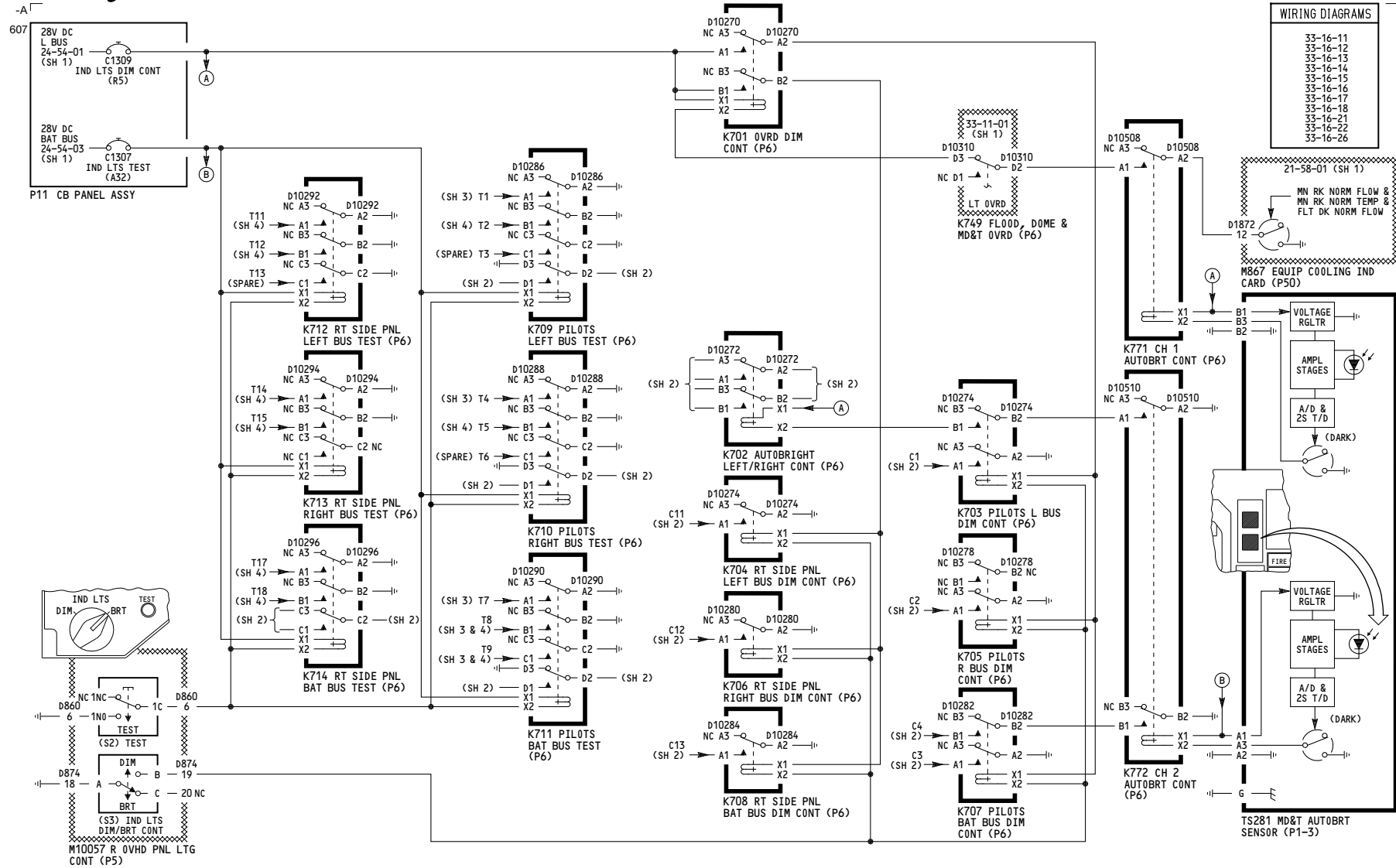
## MASTER DIM AND TEST

Incorporates

- 25-0332
- 30-0017

D280T232

**33-16-01**



WIRING DIAGRAMS	
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33-16-12	
33-16-13	
33-16-14	
33-16-15	
33-16-16	
33-16-17	
33-16-18	
33-16-21	
33-16-22	
33-16-26	

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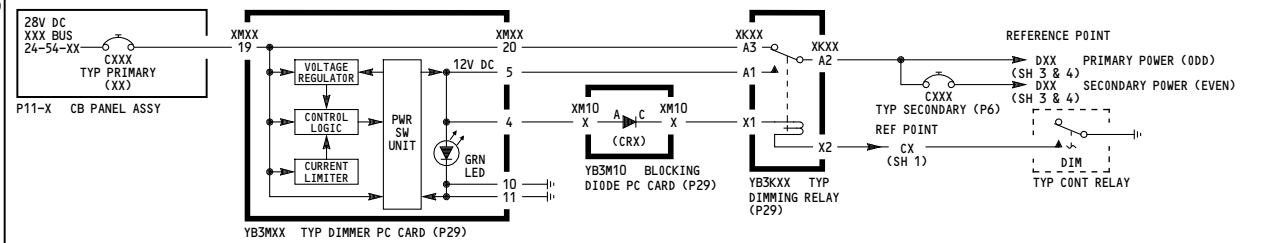
**MASTER DIM AND TEST**

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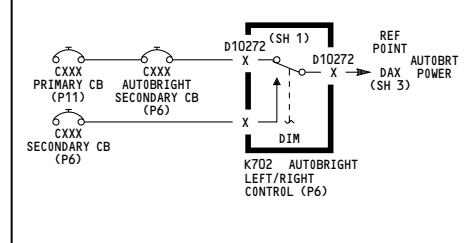
**33-16-01**

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**TABLE I - TYP ANNUCIATOR BRIGHT/DIM CIRCUIT**



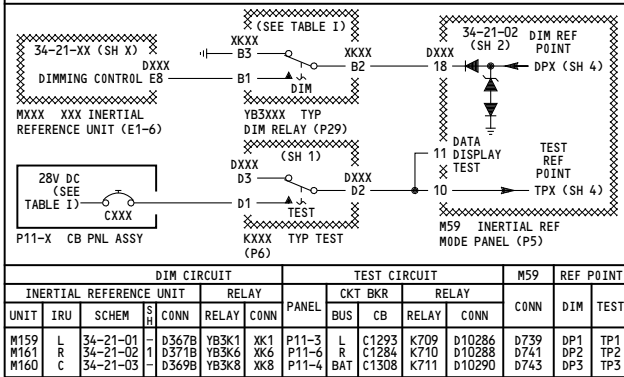
**TABLE II - TYP ANNUCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT**



PRIMARY CIRCUIT BREAKER				DIMMER PC CARD				DIODE		DIMMING RELAY				CONT RLY		SECONDARY CIRCUIT BREAKER				REF POINT		
CB	GRID LOC	PNL	NOMENCLATURE	BUS	SCHEM	SH	CARD	CONN	NOMENCLATURE	(CR)	TERM A	TERM C	RELAY	CONN	NOMENCLATURE	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR
C1293	R1	P11-3	IND LTS L1	L	24-54-01		YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1 DL3	NONE DL4
C1297	R2		IND LTS L2	L			YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5 DL7	DL6 DL8
C1298	R3		IND LTS L3	L			YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9 DL11	DL10 NONE
C1273	R28	P11-6	IND LTS R1	R	24-54-02		YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13 DR15	NONE DR16
C1274	R29		IND LTS R2	R			YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 K29	K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR17 DR19	DR18 DR20
C1284	R30		IND LTS R3	R			YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR21 NONE	DR22 NONE
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03		YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25 DB27	DB26 DB28
C1308	A34		IND LTS 2				YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29 DB31	DB30 DB32
C1200	A35		IND LTS 3				YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33 NONE	DA36 NONE

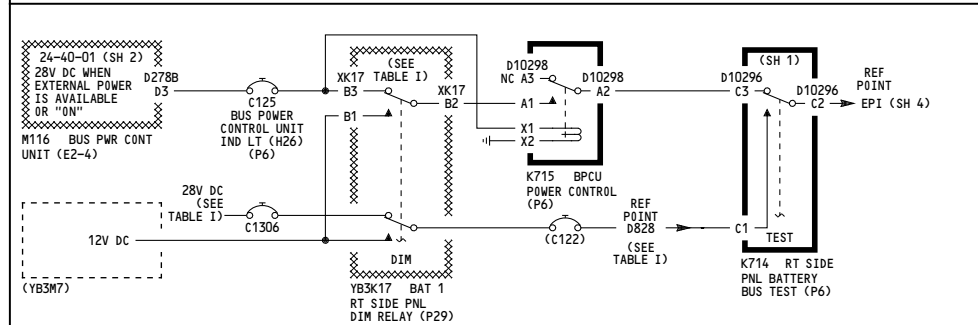
(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY			AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT	
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6	
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18	
---	---	---	---	---	---	---	---	(DA36)	

**TABLE III - M59 PANEL ANNUCIATOR DIM/TEST CIRCUITS**



BRIGHT/DIM POWER DISTRIBUTION

**TABLE IV - EXTERNAL POWER ANNUCIATOR (AVAIL/ON) POWER/DIM CIRCUIT**



NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

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**MASTER DIM AND TEST**

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Sheet 2  
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SYSTEM ANNUNCIATOR LIGHTS table with columns: PNL, IND/LT/SW, DIM, TEST, CAP, EQUIPMENT NOMENCLATURE, SCHEM, S, H, C, K, T.

SYSTEM ANNUNCIATOR LIGHTS table with columns: PNL, L/T/SW, DIM, TEST, CAP, INSC, SYSTEM, SCHEM, S, H, CONN, DIM, TEST, P/N, C, K, T.

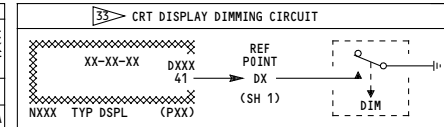
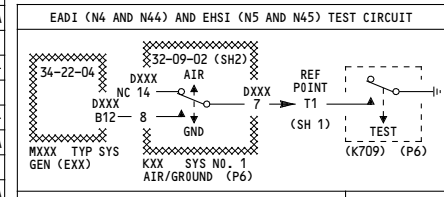
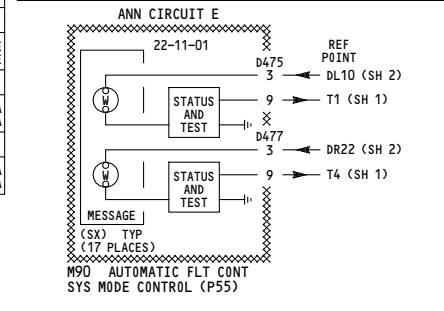


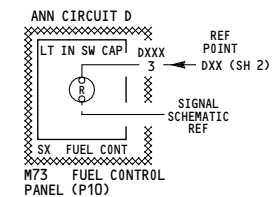
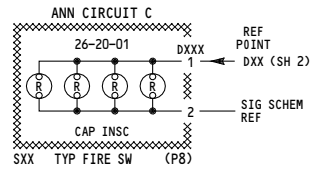
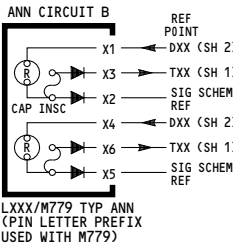
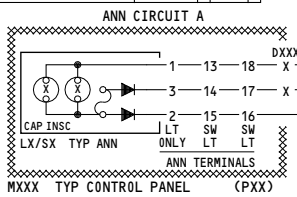
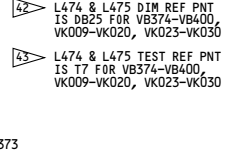
Table listing system annunciator light details: PNL, IND, CONN, NOMENCLATURE, SCHEM, S, H, REF POINT.



SYMBOL GENERATOR table with columns: SHELF, GEN, CONN, NOMENCLATURE, RELAY, CONN.



- NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF M&T AND ARE SHOWN FOR REFERENCE ONLY.
31 VB371-VB400 (231-233)
32 VK001-VK030 (234-236, 253-253, 264-269)
33 TABLE EFF FOR VB371-VB373 (231-233) ONLY.



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SYSTEM ANNUNCIATOR LIGHTS														
P N L	SW	DIM	TEST	CAP			SYSTEM	SCHEM	S	CONTROL PNL				
				LT	REF	PT				CONN	DIM	TEST	PIN	PIN
M1(YAS) APU CONTROL PANEL														
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
M10(YCY) HYDRAULIC SYSTEM CONTROL PANEL	M11(YAG) CABIN PRESSURE SELECTOR PANEL	M12(YAB) TEMPERATURE CONTROL PANEL	M13(YAC) BLEED AIR SUPPLY PANEL	M14(YAD) EQUIPMENT COOLING CONTROL PANEL	M15(YAE) EMERGENCY LIGHTS CONTROL PANEL	M16(YAF) ENGINE IGNITION & START CONTROL PANEL								

SYSTEM ANNUNCIATOR LIGHTS														
P N L	SW	DIM	TEST	CAP			SYSTEM	SCHEM	S	CONTROL PNL				
				LT	REF	PT				CONN	DIM	TEST	PIN	PIN
M51(-) PILOTS CALL PANEL														
S1	S2	S3	S4	S5	S6	S7	S8	S9	S10	S11				
M59(-) INERTIAL REFERENCE MODE PANEL (SEE ANN. CIRCUIT F)														
M1111(YDG) ENTERTAINMENT PANEL														
M1619 FWD CARGO TEMP CONTROL														
M10055(YCL) FUEL MANAGEMENT PANEL														
M10057(YCX) RIGHT OVERHEAD LIGHTING CONTROL PANEL														
M10062(YD1) STANDBY POWER PANEL														
M10063(YD) ELECTRICAL SYSTEM PANEL														
M10250(YAL) YAW DAMPER PANEL														
NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF MD&T AND ARE SHOWN FOR REF ONLY. ALL ANNUNCIATORS ON THIS SHEET ARE PER ANN CIRCUIT A (SEE SH 3) EXCEPT WHERE NOTED.														

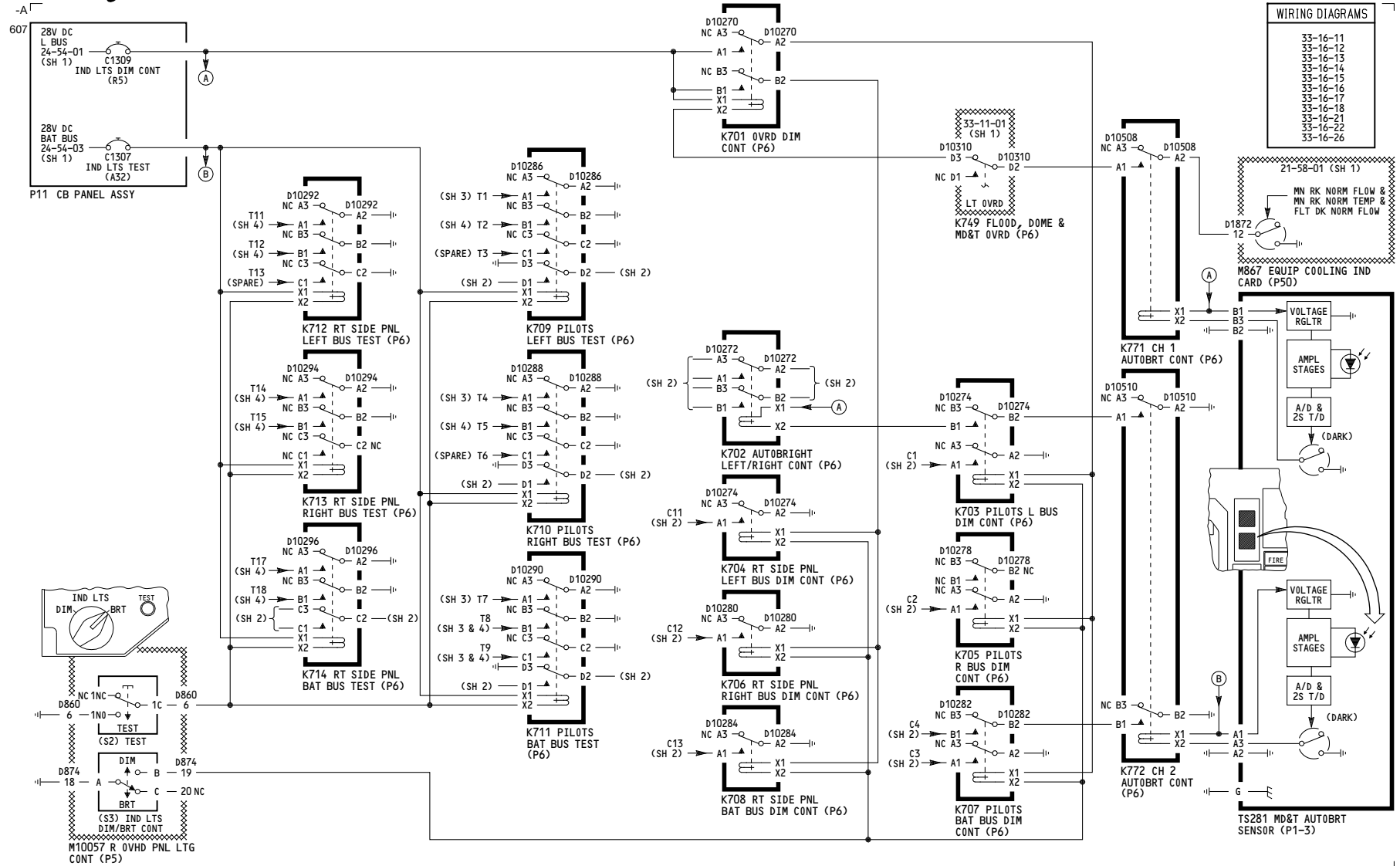
SYSTEM ANNUNCIATOR LIGHTS														
P N L	SW	DIM	TEST	CAP			SYSTEM	SCHEM	S	CONTROL PANEL				
				LT	REF	PT				CONN	DIM	TEST	PIN	PIN
M10394(YDL) ANNUNCIATOR PANEL														
L1	L2	L3	L4	L5	L6	L7	L8	L9	L10	L11	L12	L13	L14	L15
M10395(YDM) WINDOW HEAT CONTROL PANEL														
S1	S2	S3	S4											
M10397(YDN) WING AND ENGINE ANTI-ICE CONTROL PANEL														
L1	L2	L3	L4	L5	L6									
M10761(YHM) EEC CONTROL MODULE														
L1	L2													
M33(YDS) FLIGHT RECORDER CONTROL PANEL														
L1														
M1087(YDW) HYDRAULICS/GENERATOR FIELD CONTROL PANEL														
S1	S2	S3	S4	S5	S6	S7	S8	S9						
M1216(YER) RESERVE BRAKES & STEERING PANEL														
L1														
L755 FWD LAV OCCUPIED LT														
-	L1													
ANNUNCIATOR CIRCUIT F														
34-21-02 (SH 2) REF POINT (TABLE III)														
DPX (SH 2)														
TPX (SH 2)														
SIG SCHEM REF - 28V DC														
CAP INSC														
TYP ANN														
M59 INERTIAL REFERENCE MODE PNL (P5)														

## MASTER DIM AND TEST

- Incorporates
- 25-0332
- 30-0017

D280T232

# 33-16-01



WIRING DIAGRAMS	
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33-16-13	
33-16-14	
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33-16-17	
33-16-18	
33-16-21	
33-16-22	
33-16-26	

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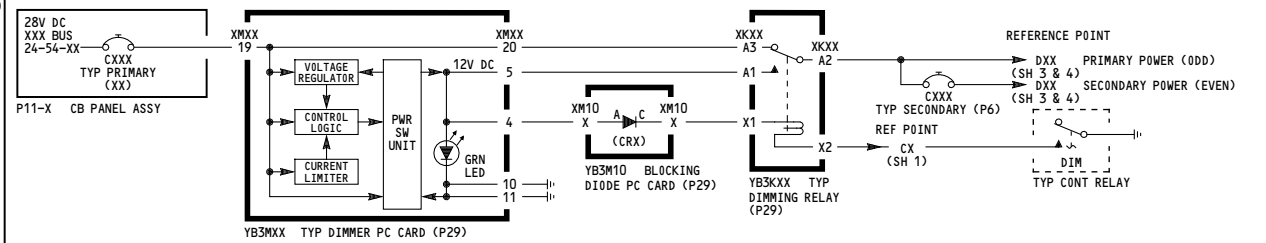
**MASTER DIM AND TEST**

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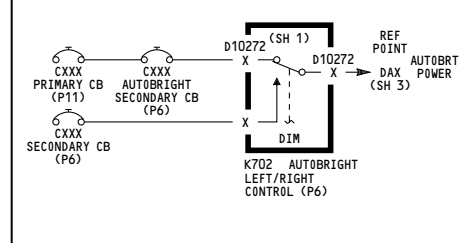
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**TABLE I - TYP ANNUCIATOR BRIGHT/DIM CIRCUIT**



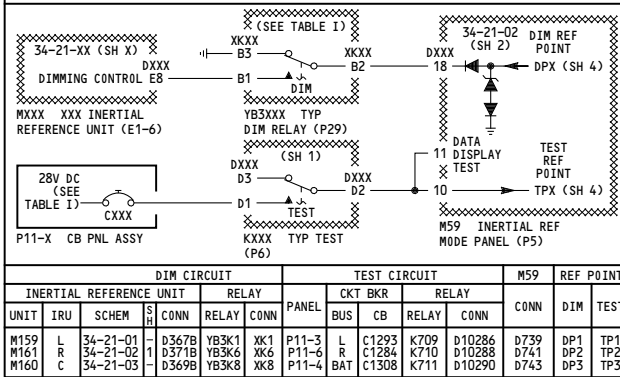
**TABLE II - TYP ANNUCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT**



PRIMARY CIRCUIT BREAKER				DIMMER PC CARD				DIODE		DIMMING RELAY				CONT RLY		SECONDARY CIRCUIT BREAKER				REF POINT				
CB	GRID LOC	P/NL	NOMENCLATURE	BUS	SCHEM	SH	CARD	CONN	NOMENCLATURE	(CR)	TERM A	TERM C	RELAY	NOMENCLATURE	CONN	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR		
C1293	R1	P11-3	IND LTS L1	L	24-54-01		YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1 DL3	NONE DL4		
C1297	R2		IND LTS L2				YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5 DL7	DL6 DL8		
C1298	R3		IND LTS L3				YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9 DL11	DL10 NONE		
C1273	R28	P11-6	IND LTS R1	R	24-54-02		YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13 DR15	NONE DR16		
C1274	R29		IND LTS R2				YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 K29	K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR17 DR19	DR18 DR20		
C1284	R30		IND LTS R3				YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR21 NONE	DR22 NONE		
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03		YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25 DB27	DB26 DB28		
C1308	A34		IND LTS 2				YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29 DB31	DB30 DB32		
C1200	A35		IND LTS 3				YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33 NONE	DA36 NONE		
																							(DA36)	

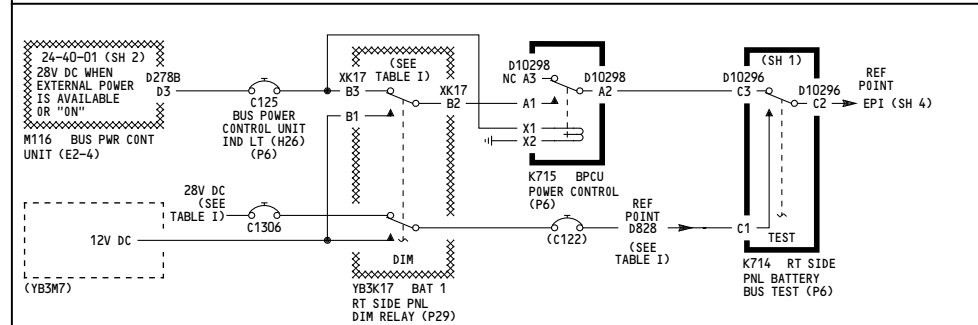
(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY		AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18
(DA36)								

**TABLE III - M59 PANEL ANNUCIATOR DIM/TEST CIRCUITS**



BRIGHT/DIM POWER DISTRIBUTION

**TABLE IV - EXTERNAL POWER ANNUCIATOR (AVAIL/ON) POWER/DIM CIRCUIT**



NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

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**MASTER DIM AND TEST**

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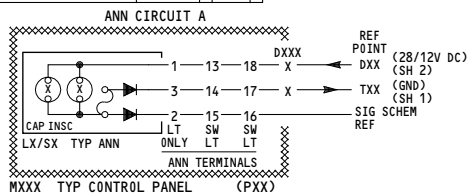
PNL	IND/ LT/ SW	ANNUNCIATOR LIGHT				EQUIPMENT NOMENCLATURE	SCHEM	S	CONN	K	C	T	
		DIM	TEST	CAP	INSC								
P1-3	L19	1	DA18	3	T4	A/A/P	22-10-02	3	—	—	—	A	
	L119	1	DA18	3	T4	A/AUTO BRKES	32-42-03	2	—	—	—	A	
	L136	1	DA18	3	T4	A/ALT ALERT	34-16-01	1	—	—	—	A	
	L474	1	DL1	3	T1	A/L ENG OIL PRESS.	79-00-01	1	—	—	—	A	
	L475	1	DR13	3	T4	A/R ENG OIL PRESS.	79-00-01	1	—	—	—	A	
	L585	1	DB33	3	T7	W/INNER/AIRWAYS	34-32-01	1	—	—	—	A	
	L586	1	DB33	3	T7	A/MIDDLE	34-32-01	1	—	—	—	A	
	L587	1	DB33	3	T7	B/OUTER	34-32-01	1	—	—	—	A	
	L591	1	DA18	3	T4	A/A/T DISC.	22-30-02	1	—	—	—	A	
	L603	1	DA18	3	T4	A/FMC	34-61-02	1	—	—	—	A	
	L605	1	DB25	3	T7	A/BRAKE SOURCE	32-41-01	1	—	—	—	A	
	L716	1	DL6	3	T1	A/SPEED BRAKES	31-51-04	1	—	—	—	A	
	M779	A1	DA36	A3	T7	R	DISCRETE WARN DISPLAY	26-11-01	2	—	—	—	B
A4		DA18	A6	T4	R	LIGHT A (RIGHT SIDE)	31-51-03	—	—	—	—	B	
B1		DA36	B3	T7	R	CONFIG	34-46-01	2	—	—	—	B	
B4		DA18	B6	T4	R	CONFIG	34-46-01	2	—	—	—	B	
C1		DA36	C3	T7	R	PULL UP	22-10-02	3	—	—	—	B	
C4		DA6	C6	T1	R	PULL UP	22-10-02	3	—	—	—	B	
D1		DA36	D3	T7	R	A/P DISC.	21-33-01	—	—	—	—	B	
D4		DA18	D6	T4	R	A/P DISC.	21-33-01	—	—	—	—	B	
D6		DA36	E3	T7	R	CABIN ALT	34-12-02	—	—	—	—	B	
E4		DA6	E6	T1	R	CABIN ALT	34-12-02	—	—	—	—	B	
F1		DA36	F3	T7	R	OVSPD	34-12-02	—	—	—	—	B	
F4		DA18	F6	T4	R	OVSPD	34-12-02	—	—	—	—	B	
N8		11	DL6	9	T1	W	ALT	34-16-01	D111	A	—	A	
S16		13	DA6	14	T1	A	GND	34-46-01	2	—	—	A	
S18		18	DA6	17	T1	A	PROX G/S INHB	34-46-01	2	—	—	A	
S547	18	DB25	17	T7	A	VALVE	29-00-04	1	—	—	A		
P3-1	L652	1	DB26	3	T7	G	LEFT	32-61-01	2	—	—	B	
	L653	1	DB26	3	T7	G	RIGHT	32-61-01	2	—	—	B	
	L654	1	DB26	3	T7	G	NOSE	32-61-01	2	—	—	B	
	L657	1	DB26	3	T7	A	GEAR	32-61-01	4	—	—	B	
	L658	1	DB26	3	T7	A	DOORS	32-61-01	6	—	—	B	
	L660	1	DR13	3	T4	A	TE	27-58-03	—	—	—	A	
	L661	1	DR13	3	T4	A	LE CONFIG LT	27-88-01	2	—	—	A	
	L663	1	DL1	3	T1	W	BRAKE TEMP	32-46-01	—	—	—	A	
	L680	1	DB33	3	T7	R	WHL WELL FIRE	26-17-01	—	—	—	A	
	L804	1	DL6	3	T1	A	(BLANK)	32-71-01	—	—	—	B	
	L804	1	DL6	3	T1	A	TAIL SKID	32-71-01	—	—	—	B	
	P3-3	L588	1	DB33	3	T7	W	INNER/AIRWAYS	34-32-01	—	—	—	A
		L589	1	DB33	3	T7	A	MIDDLE	34-32-01	—	—	—	A
L590		1	DB33	3	T7	B	OUTER	34-32-01	—	—	—	A	
N48		11	DL6	9	T1	W	ALT	34-16-01	D715	A	—	A	
P7	S507	13	DB26	14	T8	R	WARNING	31-51-02	—	—	—	A	
	S508	13	DB30	14	T8	R	CAUTION	31-51-02	—	—	—	A	
	S508	18	DR21	17	T4	R	WARNING	31-51-02	—	—	—	A	
P8	S37	1	DB33	—	—	R	L	26-11-01	D2836	C	—	C	
	S38	1	DB29	—	—	R	R	26-11-02	D862	C	—	C	
	S39	1	DB29	—	—	R	A/P	26-15-01	D846	C	—	C	

NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF MD&T AND ARE SHOWN FOR REFERENCE ONLY.

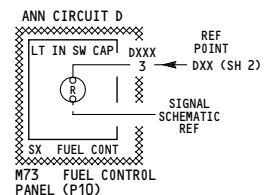
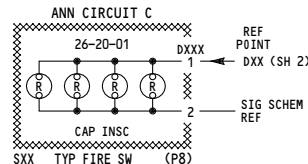
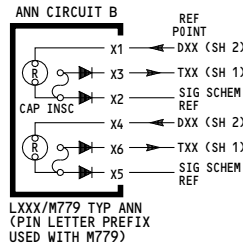
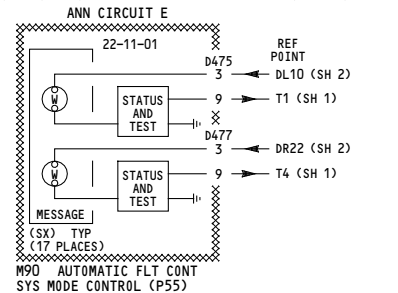
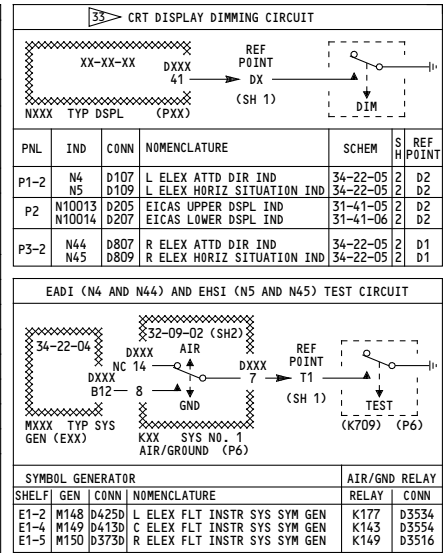
31 VB371-VB400 (231-233)

32 VK001-VK030 (234-236, 253-253, 264-269)

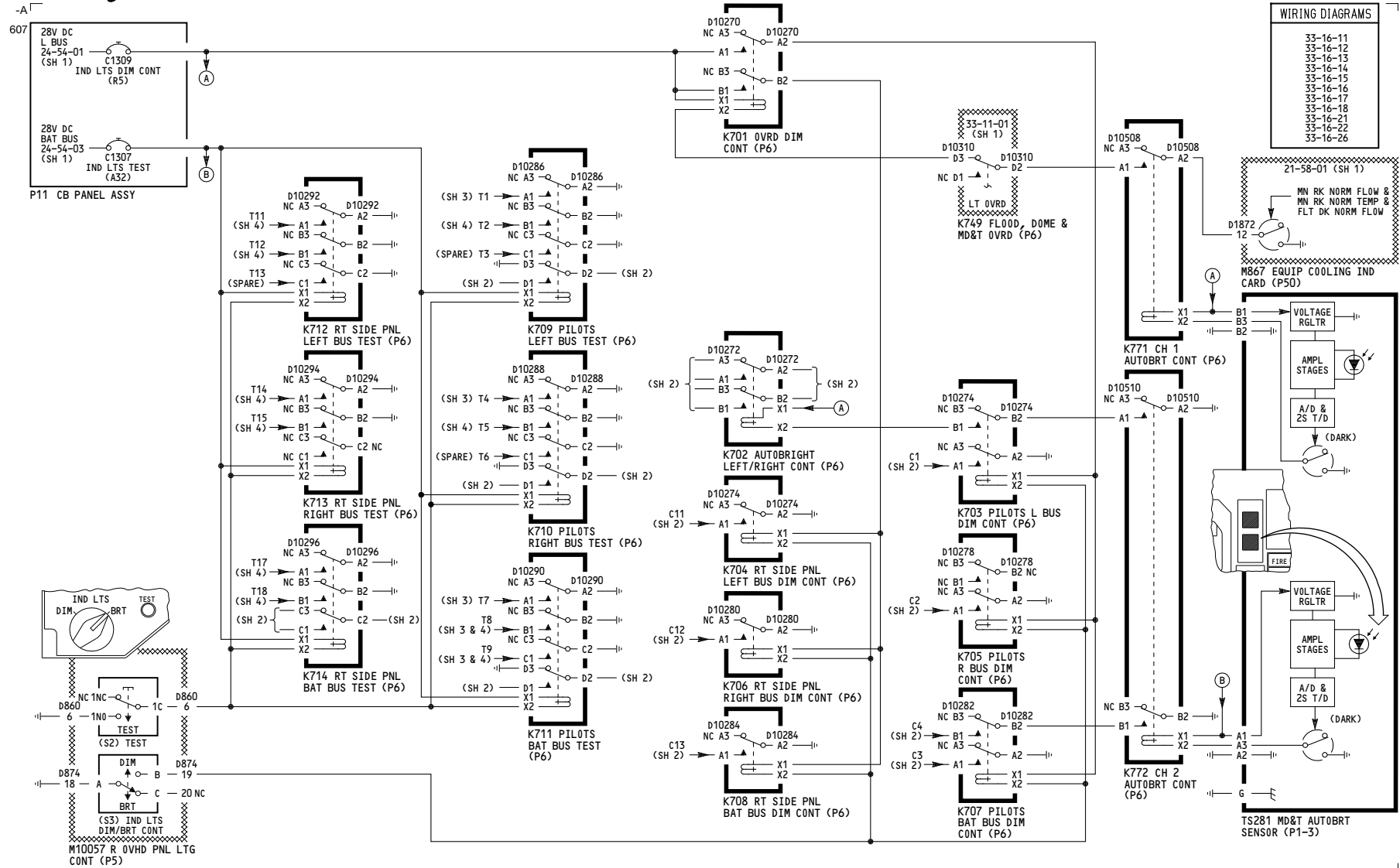
33 TABLE EFF FOR VB371-VB373 (231-233) ONLY.



PNL	LT/ SW	ANNUNCIATOR LIGHT				SYSTEM	SCHEM	S	CONN	K	C	T	
		DIM	TEST	CAP	INSC								
P8	M10443(YEG)	1	DB29	3	T9	A	ENGINE FIRE CONTROL PANEL	26-11-01	2	D10100	3	4	A
	L1	1	DB29	3	T9	A	L ENG OVHT	26-11-01	2	D10100	3	4	A
	L2	1	DB29	3	T9	A	ENG BTL 1 DISCH	26-21-01	—	D10102	3	4	A
	L3	1	DB33	3	T8	A	ENG BTL 2 DISCH	26-21-01	—	D10102	3	4	A
M10444(YD0)	L1	1	DB29	3	T9	A	APU/CARGO FIRE CONTROL PANEL	26-22-01	—	D866	3	4	A
	L2	1	DB29	3	T9	A	APU BTL	26-16-01	2	D864	3	4	A
	L3	1	DB29	3	T9	R	EXT CARGO FIRE	26-16-01	2	D866	3	4	A
	L4	1	DB33	3	T8	A	EXT CARGO FIRE	26-23-01	1	D864	3	4	A
M10445(YEH)	S2	18	DB26	17	T8	A	FIRE/OVERHEAT TEST PANEL	26-11-01	2	D10104	3	4	A
	S2	18	DB26	17	T8	A	FAIL P-RESET	26-11-01	2	D10104	3	4	A
	S2	18	DB26	17	T8	A	SYS FAIL	26-11-01	2	D10104	3	4	A
P9	M76(-)	—	DB25	—	T7	—	LEFT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT	34-61-02	2	D465	27	23	—
	M77(-)	—	DR21	—	T4	—	RIGHT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT	34-61-04	—	D467	27	23	—
P10	L800	1	DB29	3	T7	W	PARK BRAKE SET	32-41-01	1	—	—	—	A
	M73(YAZ)	1	DB33	3	T7	A	FUEL CONTROL PANEL	28-22-01	4	D1469	3	4	A
P55	(SX)	—	DL10	—	T1	W	AUTOMATIC FLIGHT CONTROL SYSTEM MODE CONTROL PANEL	22-10-01	—	D475	3	9	E
	(SX)	—	DR22	—	T4	W	(SEE SYS SCHEM FOR INDIVIDUAL SW)	22-10-01	—	D477	3	9	E
	M91(-)	—	DB25	—	T7	W	LEFT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL	34-51-01	—	D869	4	5	A
	S3	13	DB25	14	T8	W	AUTO. MAN.	34-51-01	—	D869	4	5	A
	M92(-)	—	DR21	—	T4	W	RIGHT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL	34-51-02	—	D871	4	5	A
S3	13	DR21	14	T4	W	AUTO. MAN.	34-51-02	—	D871	4	5	A	







**WIRING DIAGRAMS**

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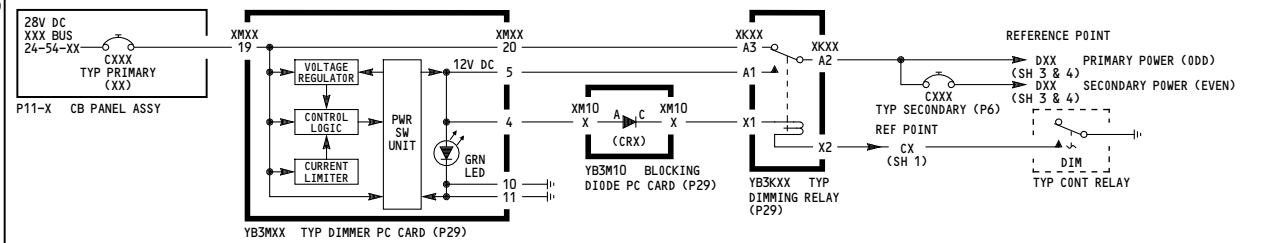
**MASTER DIM AND TEST**

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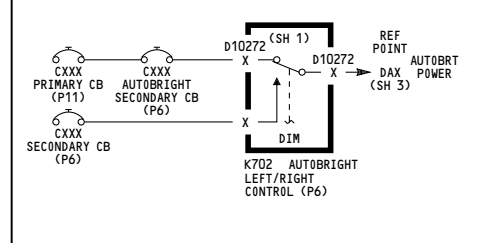
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TABLE I - TYP ANNUCIATOR BRIGHT/DIM CIRCUIT



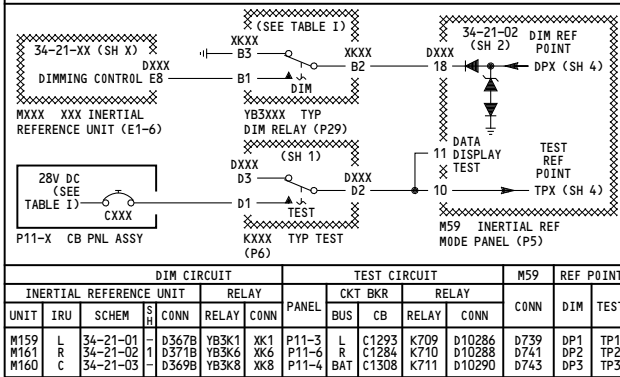
PRIMARY CIRCUIT BREAKER				DIMMER PC CARD				DIODE		DIMMING RELAY				CONT RLY		SECONDARY CIRCUIT BREAKER				REF POINT		
CB	GRID LOC	PNL	NOMENCLATURE	BUS	SCHEM	SH	CARD	CONN	NOMENCLATURE	(CR)	TERM A	TERM C	RELAY	CONN	NOMENCLATURE	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR
C1293	R1	P11-3	IND LTS L1	L	24-54-01		YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1 DL3	NONE DL4
C1297	R2		IND LTS L2				YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5 DL7	DL6 DL8
C1298	R3		IND LTS L3				YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9 DL11	DL10 NONE
C1273	R28	P11-6	IND LTS R1	R	24-54-02		YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13 DR15	NONE DR16
C1274	R29		IND LTS R2				YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 K29	K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR17 DR19	DR18 DR20
C1284	R30		IND LTS R3				YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR21 NONE	DR22 NONE
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03		YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25 DB27	DB26 DB28
C1308	A34		IND LTS 2				YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29 DB31	DB30 DB32
C1200	A35		IND LTS 3				YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33 NONE	DA36 NONE

TABLE II - TYP ANNUCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT



(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY		AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18
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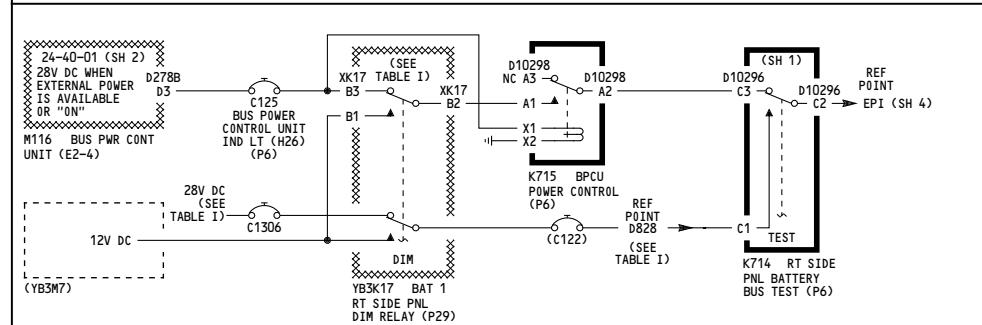
TABLE III - M59 PANEL ANNUCIATOR DIM/TEST CIRCUITS



DIM CIRCUIT				TEST CIRCUIT				M59		REF POINT		
UNIT	IRU	SCHEM	SH	CONN	RELAY	CONN	PANEL	CTK BKR	RELAY	CONN	DIM	TEST
M159	L	34-21-01	1	D367B	YB3K1	XK1	P11-3	L	C1293	K709	D10286	D739
M161	R	34-21-02	1	D371B	YB3K6	XK6	P11-6	R	C1284	K710	D10288	D741
M160	C	34-21-03	1	D369B	YB3K8	XK8	P11-4	BAT	C1308	K711	D10290	D743

BRIGHT/DIM POWER DISTRIBUTION

TABLE IV - EXTERNAL POWER ANNUCIATOR (AVAIL/ON) POWER/DIM CIRCUIT

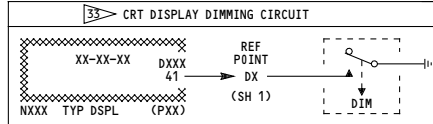


NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

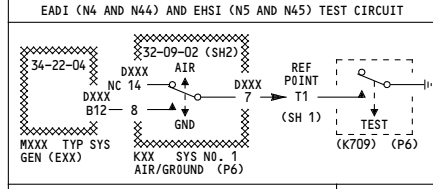


PNL	IND/LT/SW	SYSTEM ANNUNCIATOR LIGHTS										SCHEM	S	CONN	K	C	T			
		ANNUNCIATOR LIGHT					EQUIPMENT NOMENCLATURE	EQUIPMENT NOMENCLATURE	SCHEM	S	CONN							K	C	T
		DIM	TEST	CAP	INSC	INSC														
REF PIN	REF PIN	REF PIN	REF PIN	REF PIN	REF PIN															
P1-3	L19 L119 L136	1 DA18 1 DA18 1 DA18	3 T4 3 T4 3 T4	A A/P A AUTO BRKES A ALT ALERT	A/P CTN LT AUTO. BRK LT ALT ALERT	22-10-02 32-42-03 34-16-01	2 2 1	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —				
	L474 L475 L585 L586 L587 L591 L603 L605 L716	1 DL1 1 DR13 1 DB33 1 DB33 1 DB33 1 DA18 1 DA18 1 DB25 1 DL6	3 T1 3 T4 3 T7 3 T7 3 T7 3 T4 3 T4 3 T7 3 T1	A L ENG OIL PRESS. A R ENG OIL PRESS. W INNER/AIRWAYS A MIDDLE B OUTER A A/T DISC. A FMC A BRAKE SOURCE A SPEED BRKES	L OIL PRESSURE LT R OIL PRESSURE LT CAPT INNER MKR BCN LT CAPT MIDDLE MKR BCN LT CAPT OUTER MKR BCN LT A/T DISCENG LT FMC ANN LT BRK SOURCE PRESS. LT SPEED BRKS LT	79-00-01 79-00-01 34-32-01 34-32-01 34-32-01 22-30-02 34-61-02 32-41-01 31-51-04	1 1 — — — 1 1 1 1	— — — — — — — — —	— — — — — — — — —	— — — — — — — — —	— — — — — — — — —	— — — — — — — — —	— — — — — — — — —	— — — — — — — — —	— — — — — — — — —	— — — — — — — — —				
M779	A1 A4 B1 B4 C1 C4 D1 D4 E4 F1 F4	DA36 DA18 DA36 DA18 DA36 DA6 DA6 DA36 DA18 DA18	A3 T7 A6 T4 B3 T7 B6 T4 C3 T7 C6 T1 D3 T7 D6 T4 E6 T1 F3 T7 F6 T4	R FIRE R FIRE R CONFIG R CONFIG R PULL UP R PULL UP R A/P DISC. R A/P DISC. R CABIN ALT R CABIN ALT R OVSPD R OVSPD	DISCRETE WARN DISPLAY LIGHT A (RIGHT SIDE) LIGHT B (LEFT SIDE) LIGHT C (RIGHT SIDE) LIGHT D (RIGHT SIDE) LIGHT E (RIGHT SIDE) LIGHT F (LEFT SIDE) LIGHT F (RIGHT SIDE) LIGHT F (LEFT SIDE) LIGHT F (RIGHT SIDE) LIGHT F (LEFT SIDE)	26-11-01 31-51-03 34-46-01 22-10-02 21-33-01 34-12-02	2 — 2 3 — — —	— — — — — — —	— — — — — — —	— — — — — — —	— — — — — — —	— — — — — — —	— — — — — — —	— — — — — — —	— — — — — — —	— — — — — — —				
N8	N8	11 DL6	9 T1	W ALT	CAPT ALTM	34-16-01	—	D111	A	—	—	—	—	—	—	—	—			
S16	S16	13 DA6 18 DA6 18 DB25	14 T1 14 T1 17 T7	A GND A PROX G/S INHB A VALVE	G/S INHIBIT LT GND PROX SW RSV BRKS AND STRG SEL SW	34-46-01 34-46-01 29-00-04	2 2 1	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —			
P3-1	L652 L653 L654 L657 L658 L660 L661 L663 L680 L804 L804	1 DB26 4 DR13 1 DB26 4 DR13 1 DB26 4 DR13 1 DB26 4 DR13 1 DR13 1 DR13 1 DL1 1 DB33 1 DL6 1 DL6	3 T7 6 T4 3 T7 6 T4 3 T7 6 T4 3 T7 6 T4 3 T4 3 T4 3 T1 3 T7 3 T1 3 T1	G LEFT G RIGHT G NOSE A GEAR A DOORS A TE LE CONFIG LT W BRAKE TEMP R WHL WELL FIRE (BLANK) A TAIL SKID	L GEAR LT R GEAR LT NOSE GEAR LT GEAR LT DOORS LT TE LT LE CONFIG LT BRK TEMP LT WHL WELL FIRE LT (SPARE)	32-61-01 32-61-01 32-61-01 32-61-01 32-61-01 27-58-03 27-88-01 32-46-01 26-17-01 32-71-01	2 2 2 4 6 — 2 — — — —	— — — — — — — — — — —	— — — — — — — — — — —	— — — — — — — — — — —	— — — — — — — — — — —	— — — — — — — — — — —	— — — — — — — — — — —	— — — — — — — — — — —	— — — — — — — — — — —	— — — — — — — — — — —				
P3-3	L588 L589 L590 N48	1 DB33 1 DB33 1 DB33 1 DL6	3 T7 3 T7 3 T7 9 T7	W INNER/AIRWAYS A MIDDLE B OUTER W ALT	F/O INNER MKR BCN LT F/O MIDDLE MKR BCN LT F/O OUTER MKR BCN LT F/O ALTM	34-32-01 34-32-01 34-32-01 34-16-01	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —			
P7	S507 S508 S508	13 DB26 18 DL9 13 DB30 18 DR21	14 T8 17 T1 14 T8 17 T4	R WARNING A CAUTION R WARNING R CAUTION	CAPT MSTR WARN AND CAUTION LT SW F/O MSTR WARN AND CAUTION LT SW	31-51-02 31-41-06 31-51-02 31-41-06	2 2 2 2	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —			
P8	S37 S38 S39	1 DB33 1 DB29 1 DB29	— — —	R L R R R APU	L ENG FIRE SW (LOC ON M10443) R ENG FIRE SW (LOC ON M10443) APU FIRE SW (LOC ON M10444)	26-11-01 26-11-02 26-15-01	2 2 1	D836 D862 D846	C C C	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —			

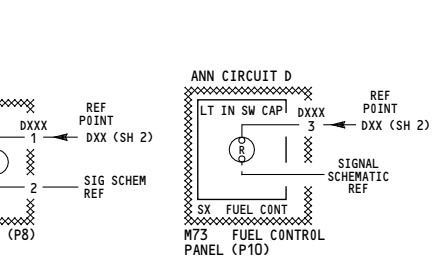
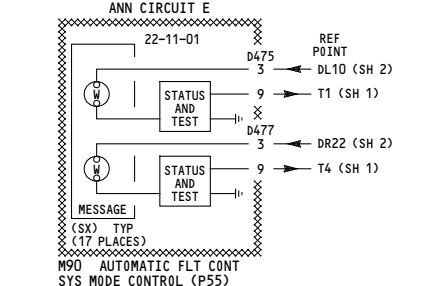
PNL	LT/SW	SYSTEM ANNUNCIATOR LIGHTS										SCHEM	S	CONN	K	C	T				
		ANNUNCIATOR LIGHT					SYSTEM	SCHEM	S	CONN	DIM							TEST	CAP	INSC	CONT PANEL
		DIM	TEST	CAP	INSC	INSC															
REF PIN	REF PIN	REF PIN	REF PIN	REF PIN	REF PIN																
P8	M10443(YEG)	L1 L2 L3 L4	1 DB29 1 DB29 1 DB33 1 DB33	3 T9 3 T9 3 T8 3 T8	A L ENG OVHT A ENG BTL 1 DISCH A ENG BTL 2 DISCH A R ENG OVHT	FIRE DET EXT EXT FIRE DET	26-11-01 26-21-01 26-21-01 26-11-02	2 2 2 2	D10100 D10100 D10102 D10102	3 3 3 3	4 4 4 4	A A A A	— — — —	— — — —	— — — —	— — — —	— — — —				
	M10444(YD0)	L1 L2 L3 S2 S3	1 DB29 18 DB33 18 DB29 18 DB33	3 T9 17 T8 17 T9 17 T8	A APU BTL R CARGO FIRE R CARGO FIRE A DISCH	EXT CARGO FIRE CARGO FIRE CAP BTL DISCH	26-22-01 26-16-01 26-16-01 26-23-01	— 2 2 1	D866 D864 D866 D864	3 3 3 3	4 4 4 4	A A A A	— — — —	— — — —	— — — —	— — — —	— — — —				
	M10445(YEH)	S2	18 DB26	17 T8	A FAIL P-RESET	SYS FAIL	26-11-01	2	D10104	3	4	A	—	—	—	—	—	—			
P9	M76(-)	—	DB25	—	T7	—	—	—	—	—	—	—	—	—	—	—	—	—			
	M77(-)	—	DR21	—	T4	—	—	—	—	—	—	—	—	—	—	—	—	—			
P10	L800	1 DB29	3 T7	W	PARK BRAKE SET	—	32-41-01	1	—	—	—	—	—	—	—	—	—	—			
	M73(YAZ)	L1 L2 L3 L4 L5 S1 S2 S3	1 DB33 1 DB33 1 DB29 1 DB29 1 DB29 1 DB33 1 DB29	3 T7 3 T7 3 T7 3 T7 3 T7 3 T7 3 T7	A SPAR VALVE A ENG VALVE A SPAR VALVE A ENG VALVE A REV ISLN R L ENG FUEL CONT R R ENG FUEL CONT	L ENG FUEL CONT L ENG FUEL CONT R ENG FUEL CONT R ENG FUEL CONT FUEL CONT L ENG FIRE R ENG FIRE	28-22-01 76-11-01 28-22-01 78-11-01 78-36-01 26-11-01 26-11-02	4 3 4 3 1 3 3	D1469 D1469 D1471 D1471 D1471 D1469 D1471	3 3 3 3 3 3 3	4 4 4 4 4 4 4	A A A A A D D	— — — — — — —	— — — — — — —	— — — — — — —	— — — — — — —					
P55	M90(-)	(SX)	DL10 DR22	— —	T1 T4	W (SEE SYS SCHEM FOR INDIVIDUAL SW)	22-10-01 22-10-01	— —	D475 D477	3 3	9 9	E E	— —	— —	— —	— —	— —	— —			
	M91(-)	S3	13 DB25 18 DB25	14 T8 17 T8	W AUTO. MAN.	34-51-01 34-51-01	— —	— —	D869 D869	4 4	5 5	A A	— —	— —	— —	— —	— —	— —			
	M92(-)	S3	13 DR21 18 DR21	14 T4 17 T4	W AUTO. MAN.	34-51-02 34-51-02	— —	— —	D871 D871	4 4	5 5	A A	— —	— —	— —	— —	— —	— —			



PNL	IND	CONN	NOMENCLATURE	SCHEM	S	REF POINT
P1-2	N4 N5	D107 D109	L ELEX ATTD DIR IND L ELEX HORIZ SITUATION IND	34-22-05 34-22-05	2 2	D2 D2
P2	N10013 N10014	D205 D207	EICAS UPPER DSPL IND EICAS LOWER DSPL IND	31-41-05 31-41-06	2 2	D2 D2
P3-2	N44 N45	D807 D809	R ELEX ATTD DIR IND R ELEX HORIZ SITUATION IND	34-22-05 34-22-05	2 2	D1 D1



SYMBOL GENERATOR	AIR/GND RELAY				
SHELF GEN	CONN	NOMENCLATURE	RELAY	CONN	
E1-2	M148	D4250	L ELEX FLT INSTR SYS SYM GEN	K177	D3534
E1-4	M149	D4130	L ELEX FLT INSTR SYS SYM GEN	K143	D3554
E1-5	M150	D3730	R ELEX FLT INSTR SYS SYM GEN	K149	D3516



NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF M&T AND ARE SHOWN FOR REFERENCE ONLY

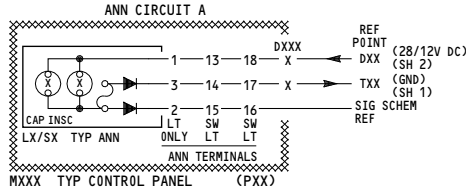
31 VB371-VB400 (231-233)

32 VK001-VK030 (234-236, 253-253, 264-269)

33 TABLE EFF FOR VB371-VB373 (231-233) ONLY.

34 L474 & L475 DIM REF PNT IS DB25 FOR VB374-VB400, VK009-VK020, VK023-VK030

35 L474 & L475 TEST REF PNT IS T7 FOR VB374-VB400, VK009-VK020, VK023-VK030



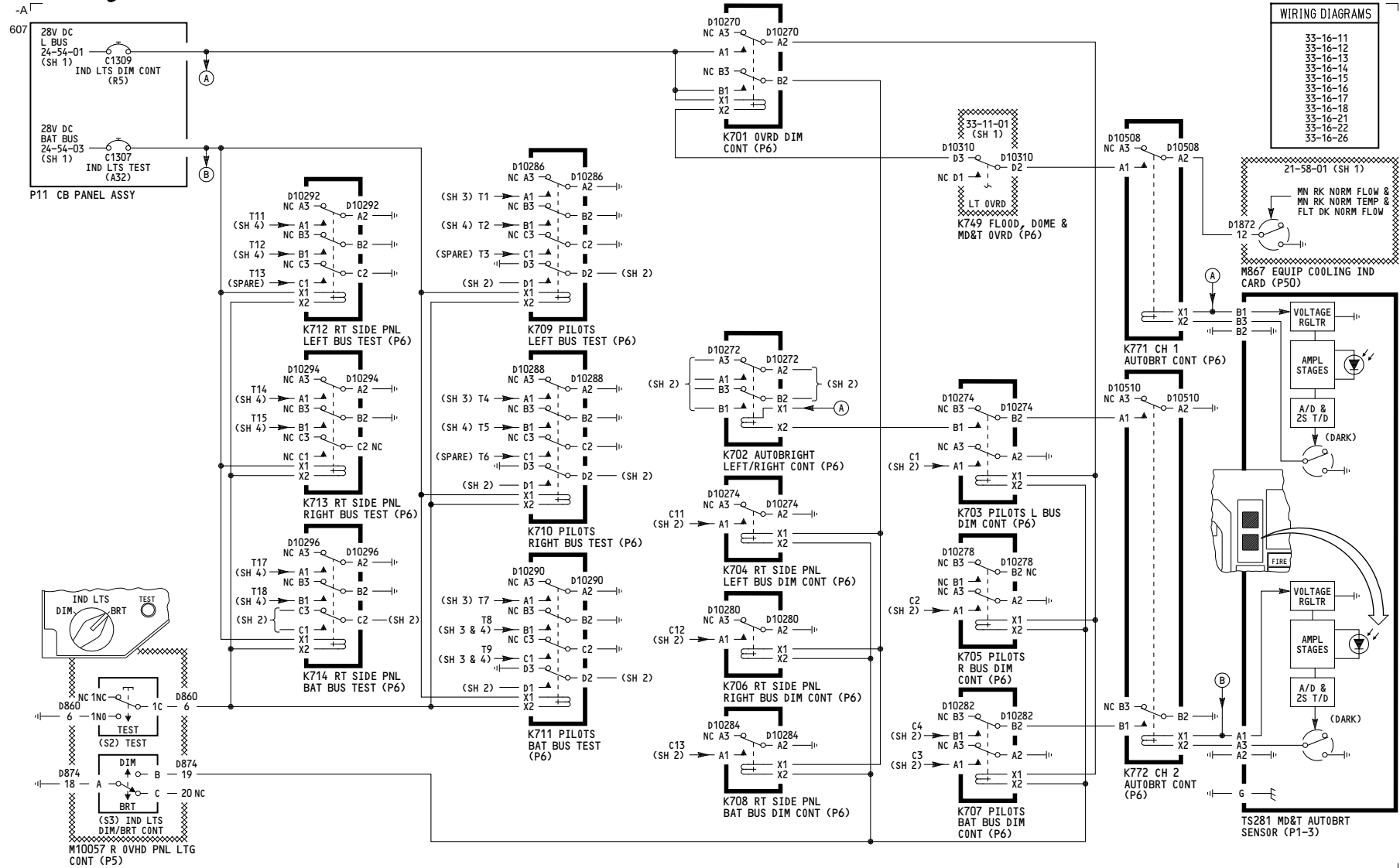
155

### MASTER DIM AND TEST

D280T232

33-16-01



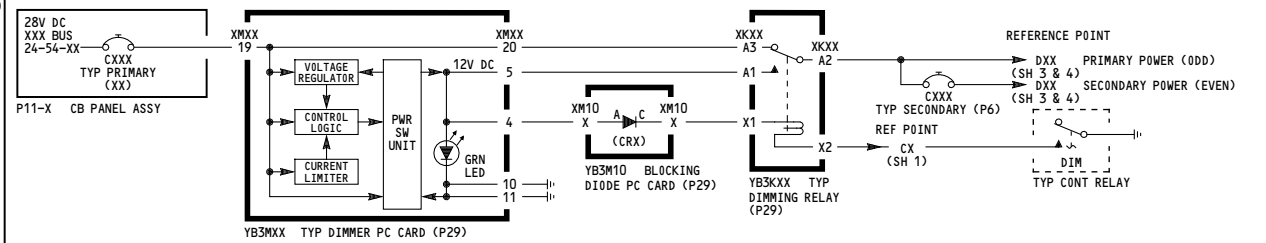


156, 166	<b>MASTER DIM AND TEST</b>
D280T232	

**33-16-01**

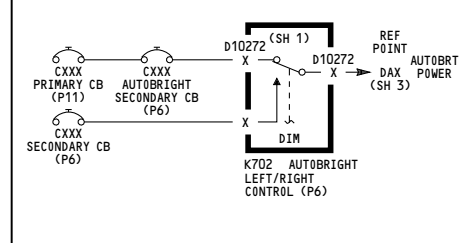
619

TABLE I - TYP ANNUCIATOR BRIGHT/DIM CIRCUIT



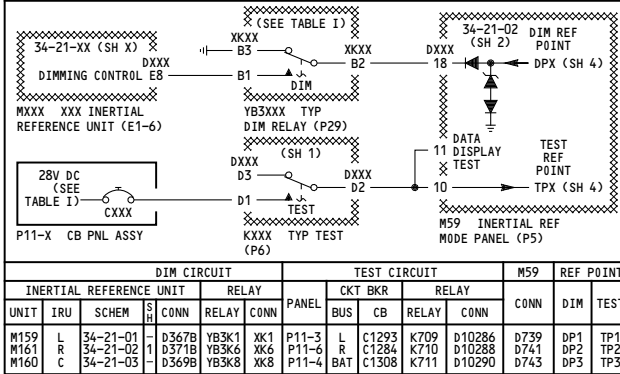
PRIMARY CIRCUIT BREAKER				DIMMER PC CARD				DIODE		DIMMING RELAY				CONT RLY		SECONDARY CIRCUIT BREAKER				REF POINT	
CB	GRID LOC	PNL	NOMENCLATURE	BUS	SCHEM	CARD	CONN	NOMENCLATURE	(CR)	TERM A	TERM C	RELAY	CONN	NOMENCLATURE	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR
C1293	R1	P11-3	IND LTS L1	L	24-54-01	YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1 DL3	NONE DL4
C1297	R2		IND LTS L2			YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5 DL7	DL6 DL8
C1298	R3		IND LTS L3			YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9 DL11	DL10 NONE
C1273	R28	P11-6	IND LTS R1	R	24-54-02	YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13 DR15	NONE DR16
C1274	R29		IND LTS R2			YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 K29	K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR17 DR19	DR18 DR20
C1284	R30		IND LTS R3			YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR21 NONE	DR22 NONE
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03	YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25 DB27	DB26 DB28
C1308	A34		IND LTS 2			YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29 DB31	DB30 DB32
C1200	A35		IND LTS 3			YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33 NONE	DA36 NONE

TABLE II - TYP ANNUCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT



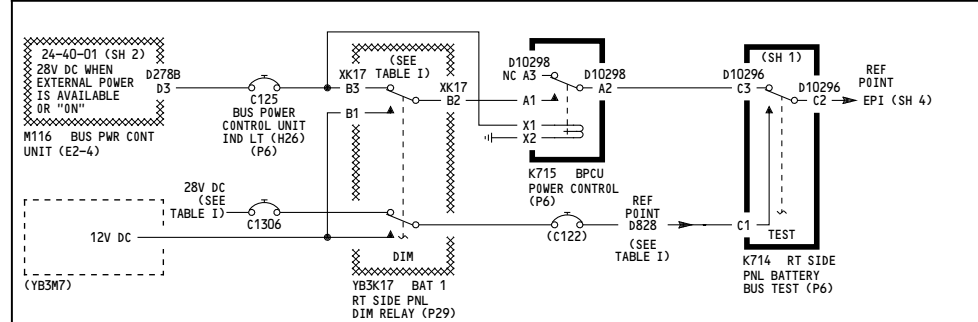
(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY		AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18
---	---	---	---	---	---	---	---	(DA36)

TABLE III - M59 PANEL ANNUCIATOR DIM/TEST CIRCUITS



BRIGHT/DIM POWER DISTRIBUTION

TABLE IV - EXTERNAL POWER ANNUCIATOR (AVAIL/ON) POWER/DIM CIRCUIT



NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

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MASTER DIM AND TEST

D280T232

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		SYSTEM ANNUNCIATOR LIGHTS													
PNL	IND/ LT/ SW	ANNUNCIATOR LIGHT						EQUIPMENT NOMENCLATURE	SCHEM	S	CONN	K	C	T	
		DIM	TEST	CAP	REF PIN	REF PT	INSC								
P1-3	L19 L119 L136	1 DA18 1 DA18 1 DA18	3 T4 3 T4 3 T4	A/A A A	A/P AUTO BRKS ALT ALERT	A/P CTN LT AUTO. BRK LT ALT ALERT	22-10-02 32-42-03 34-16-01	2 2 1	-	-	-	-	A A A		
M779	L474 L475 L585 L586 L587 L591 L603 L605 L716	1 DL1 1 DR13 1 DB33 1 DB33 1 DB33 1 DA18 1 DA18 1 DB25 1 DL6	3 T1 3 T4 3 T7 3 T7 3 T7 3 T4 3 T4 3 T7 3 T1	L/R R W MIDDLE OUTER A/T DISC. FMC BRAKE SOURCE SPEED BRKS	L ENG OIL PRESS. R ENG OIL PRESS. INNER/AIRWAYS MIDDLE CAPT INNER MKR BCN LT CAPT MIDDLE MKR BCN LT CAPT OUTER MKR BCN LT A/T DISENG LT FMC ANN LT BRK SOURCE PRESS. LT SPEED BRKS LT	79-00-01 79-00-01 34-32-01 34-32-01 34-32-01 22-30-02 34-61-02 32-41-01 31-51-04	1 1 - - - 1 1 1 1	-	-	-	-	-	A A A A A A A A A		
	A1 A4 B1 B4 C1 C4 D1 D4 E4 F1 F4	DA36 DA18 DA36 DA18 DA36 DA6 DA6 DA36 DA18	A3 A6 B3 B6 C3 C6 D3 D6 E6 F3 F6	T7 T4 T7 T4 T7 T7 T7 T7 T7 T7 T7	R R R R R R R R R R R	DISCRETE WARN DISPLAY LIGHT A (RIGHT SIDE) LIGHT B (RIGHT SIDE) LIGHT C (RIGHT SIDE) LIGHT D (RIGHT SIDE) LIGHT E (RIGHT SIDE) LIGHT F (RIGHT SIDE) CAPT ALTM G/S INHIBIT LT GND PROX SW RSV BRKS AND STRG SEL SW	26-11-01 31-51-03 34-46-01 22-10-02 21-33-01 34-12-02 34-16-01 34-46-01 29-00-04	2 - 2 3 - - - 1 2 1	-	-	-	-	B B B B B B A A A		
	N8	11	DL6	9	T1	W	ALT	34-16-01	-	-	-	-	-	D11	
	S16	13	DA6	14	T1	A	GND	34-46-01	2	-	-	-	-	A	
	S547	18	DA6 DB25	17 T7	T1 T7	A A	PROX G/S INHB VALVE	34-46-01 29-00-04	2 1	-	-	-	-	A A	
	P3-1	L652 L653 L654 L657 L658 L660 L661 L663 L680 L804 L804	1 DB26 4 DR13 1 DB26 4 DR13 4 DR13 1 DR13 1 DR13 1 DL1 1 DB33 1 DL6 1 DL6	3 T7 6 T4 3 T7 6 T4 6 T4 3 T4 3 T4 3 T1 3 T7 3 T1 3 T1	G G G A A TE LE W WHL WELL FIRE (BLANK) TAIL SKID	L GEAR LT R GEAR LT NOSE GEAR LT GEAR LT DOORS LT TE LT LE CONFIG LT BRK TEMP LT WHL WELL FIRE LT (SPARE)	32-61-01 32-61-01 32-61-01 32-61-01 32-61-01 27-58-03 27-88-01 32-46-01 26-17-01 32-71-01	2 2 2 4 6 2 2 1 1 1	-	-	-	-	-	B B B B B A A A A A B	
		P3-3	L588 L589 L590 N48	1 DB33 1 DB33 1 DB33 1 DL6	3 T7 3 T7 3 T7 9 T7	W A B W	F/O INNER MKR BCN LT F/O MIDDLE MKR BCN LT F/O OUTER MKR BCN LT F/O ALTM	34-32-01 34-32-01 34-32-01 34-16-01	- - - -	-	-	-	-	-	A A A A
		P7	S507 L18 L18 S508 L13 DR21	18 DB26 18 DL9 18 DB30 18 DR21	14 T1 17 T4 14 T8 14 T8	R A R R	WARNING CAUTION WARNING CAUTION	CAPT MSTR WARN AND CAUTION LT SW F/O MSTR WARN AND CAUTION LT SW	31-51-02 31-41-06 31-51-02 31-41-06	2 2 2 2	-	-	-	-	A A A A
		P8	S37 S38 S39	1 DB33 1 DB29 1 DB29	- - -	R R R	L R APU	L ENG FIRE SW (LOC ON M10443) R ENG FIRE SW (LOC ON M10443) APU FIRE SW (LOC ON M10444)	26-11-01 26-11-02 26-15-01	2 D836 D862 D846	C C C	-	-	-	-

NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF MD&T AND ARE SHOWN FOR REFERENCE ONLY

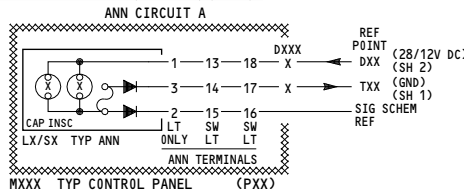
31 VB371-VB400 (231-233)

32 VK001-VK030 (234-236, 253-253, 264-269)

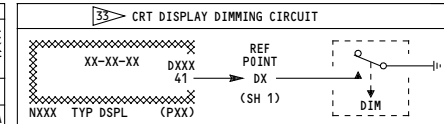
33 TABLE EFF FOR VB371-VB373 (231-233) ONLY.

32 L474 & L475 DIM REF PNT IS DB25 FOR VB374-VB400, VK009-VK020, VK023-VK030

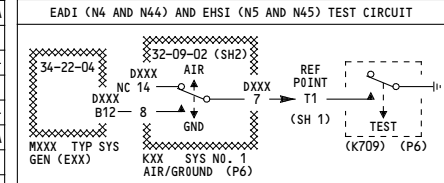
33 L474 & L475 TEST REF PNT IS T7 FOR VB374-VB400, VK009-VK020, VK023-VK030



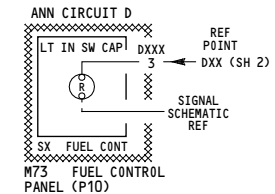
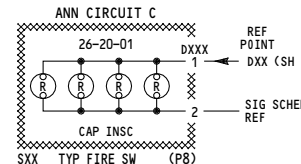
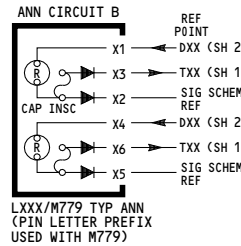
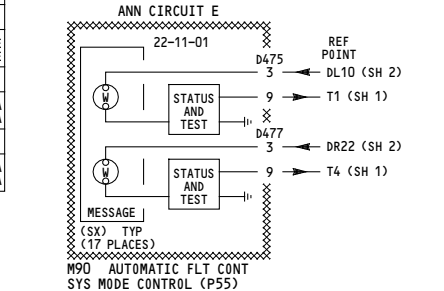
		SYSTEM ANNUNCIATOR LIGHTS														
PNL	LT/ SW	ANNUNCIATOR LIGHT						SYSTEM	SCHEM	S	CONN	DIM	TEST	C	T	
		DIM	TEST	CAP	REF PIN	REF PT	INSC									
P8	M10443(YEG)	ENGINE FIRE CONTROL PANEL						L ENG OVHT ENG BTL 1 DISCH ENG BTL 2 DISCH R ENG OVHT	FIRE DET EXT EXT FIRE DET	26-11-01 26-21-01 26-21-01 26-11-02	2 2 2 2	D10100 D10100 D10102 D10102	3 3 3 3	4 4 4 4	A A A A	
	M10444(YD0)	APU/CARGO FIRE CONTROL PANEL						APU BTL CARGO FIRE CARGO FIRE CAP BTL DISCH	EXT EXT EXT EXT	26-22-01 26-16-01 26-16-01 26-23-01	- 2 2 1	D866 D864 D866 D864	3 3 3 3	4 4 4 4	A A A A	
	M10445(YEH)	FIRE/OVERHEAT TEST PANEL						FAIL P-RESET	SYS FAIL	26-11-01	2	D10104	3	4	A	
P9	M76(-)	LEFT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT														
	M77(-)	RIGHT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT														
P10	L800	1 DB29	3 T7	W	PARK BRAKE SET				32-41-01	1	-	-	-	A		
	M73(YAZ)	FUEL CONTROL PANEL						SPAR VALVE ENG VALVE SPAR VALVE ENG VALVE REV ISLN FUEL CONT L ENG FUEL CONT R ENG FUEL CONT	L ENG FUEL CONT L ENG FUEL CONT R ENG FUEL CONT R ENG FUEL CONT R ENG FUEL CONT R ENG FUEL CONT R ENG FUEL CONT R ENG FUEL CONT	28-22-01 76-11-01 28-22-01 28-22-01 78-36-01 78-36-01 26-11-01 26-11-02	4 3 4 3 1 1 3 2	D1469 D1469 D1471 D1471 D1471 D1469 D1469 D1471	3 3 3 3 3 3 3 3	4 4 4 4 4 4 4 4	A A A A A D D D	
P55	M90(-)	AUTOMATIC FLIGHT CONTROL SYSTEM MODE CONTROL PANEL						(SEE SYS SCHEM FOR INDIVIDUAL SW)		22-10-01 22-10-01	- -	D475 D477	3 3	9 9	E E	
	M91(-)	LEFT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL						W AUTO. MAN.		34-51-01 34-51-01	- -	D869 D869	4 4	5 5	A A	
	M92(-)	RIGHT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL						W AUTO. MAN.		34-51-02 34-51-02	- -	D871 D871	4 4	5 5	A A	



PNL	IND	CONN	NOMENCLATURE	SCHEM	S	REF POINT
P1-2	N4 N5	D107 D109	L ELEX ATTD DIR IND L ELEX HORIZ SITUATION IND	34-22-05 34-22-05	2 2	D2 D2
P2	N10013 N10014	D205 D207	EICAS UPPER DSPL IND EICAS LOWER DSPL IND	31-41-05 31-41-06	2 2	D2 D2
P3-2	N44 N45	D807 D809	R ELEX ATTD DIR IND R ELEX HORIZ SITUATION IND	34-22-05 34-22-05	2 2	D1 D1



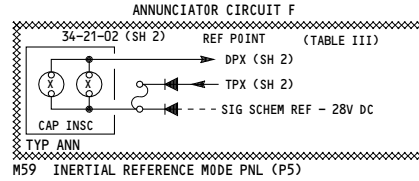
SYMBOL GENERATOR		AIR/GND RELAY			
SHELF	GEN	CONN	NOMENCLATURE	RELAY	CONN
E1-2	M148	D425D	L ELEX FLT INSTR SYS SYM GEN	K177	D3534
E1-4	M149	D413D	L ELEX FLT INSTR SYS SYM GEN	K143	D3554
E1-5	M150	D373D	R ELEX FLT INSTR SYS SYM GEN	K149	D3516





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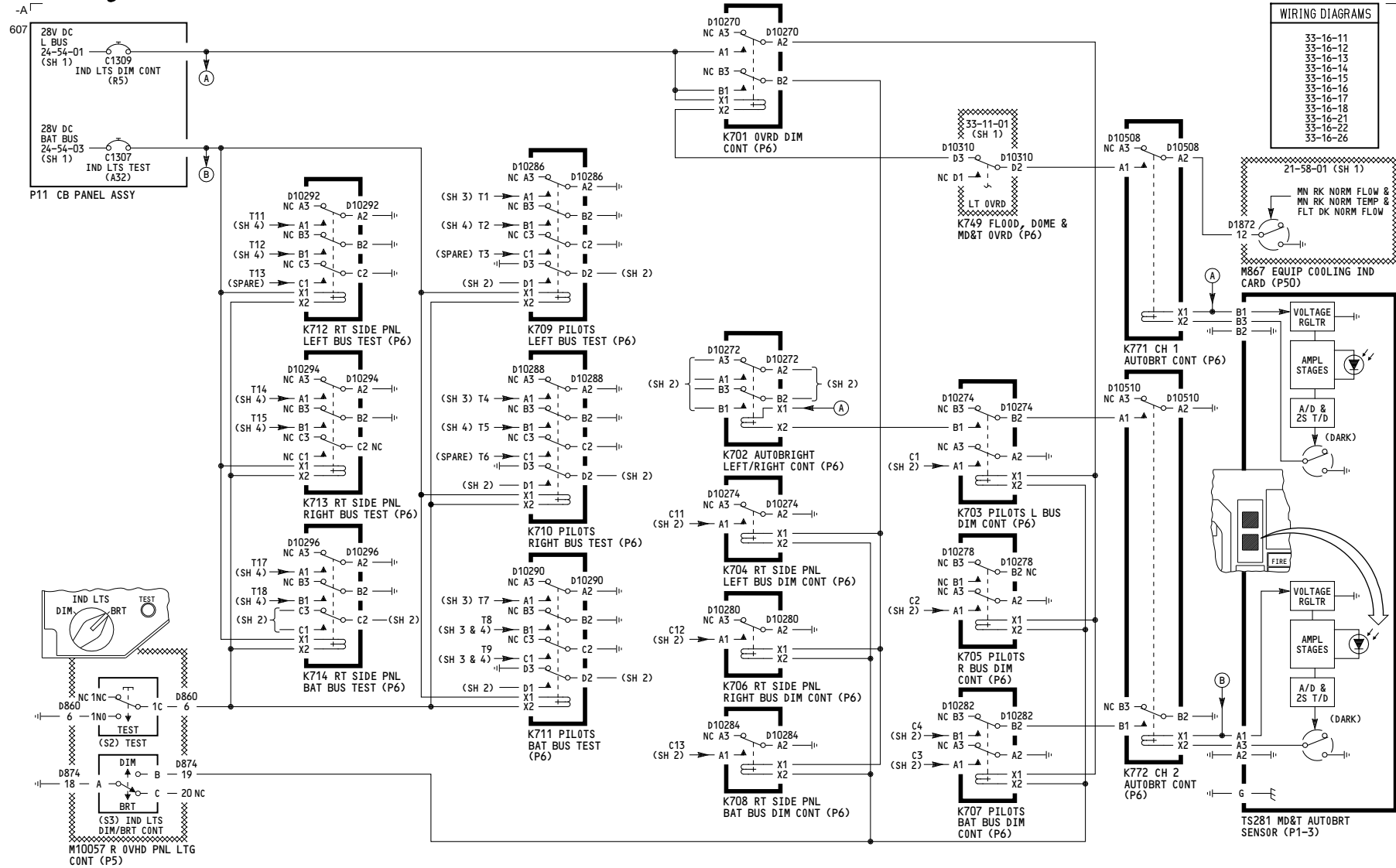
SYSTEM ANNUNCIATOR LIGHTS												
P N L	LT/ SW	DIM		TEST		CAP		SYSTEM	SCHEM	CONTROL PANEL		
		LT PIN	REF PT	LT PIN	REF PT	C L R	INSCRIPTION			S H	CONN	DIM PIN
<b>P5 M10394(YDL) ANNUNCIATOR PANEL</b>												
L1	1	DR17	3	T5	A	ENTRY DOORS		52-70-01	1	D1678	3	4
L2	1	DR17	3	T5	A	EMER DOORS		52-70-01	2	D1678	3	4
L3	1	DR17	3	T5	A	CARGO DOORS		52-70-01	3	D1678	3	4
L4	1	DR17	3	T5	A	ACCESS DOORS		52-70-01	3	D1678	3	4
L5	1	DB33	3	T8	A	CAPT PITOT		30-31-01	1	D2890	3	4
L6	1	DR17	3	T5	A	F/O PITOT		30-31-01	1	D1678	3	4
L7	1	DB33	3	T8	A	L AOA		30-32-01	1	D2890	3	4
L8	1	DR17	3	T5	A	R AOA		30-32-01	1	D1678	3	4
L9	1	DR17	3	T5	A	L AUX PITOT		30-31-01	2	D1678	3	4
L10	1	DB33	3	T8	A	R AUX PITOT		30-31-01	2	D2890	3	4
L11	1	DL1	3	T2	A	TAT		30-33-01	1	D2888	3	4
L12	1	DR17	3	T5	W	---	SPARE	---	---	D1678	3	4
L13	1	DB33	3	T8	A	STAB. TRIM		27-40-01	5	D2890	3	4
L14	1	DB33	3	T8	A	SPOILERS		27-61-01	7	D2890	3	4
L15	1	DR17	3	T5	A	AUTO SPD BRK		27-62-01	2	D1678	3	4
L16	1	DB33	3	T8	W	---	SPARE	---	---	D2890	3	4
L17	1	DB33	3	T8	A	UNSCHEG. TRIM		27-40-01	5	D2890	3	4
L18	1	DB33	3	T8	A	RUDDER RATI0		27-20-02	2	D2890	3	4
L19	1	DB33	3	T8	A	ANTI SKID		52-14-04	2	D2890	3	4
L20	1	DB33	3	T8	A	AIL. LOCK		27-10-02	2	D2890	3	4
L21	1	DB33	3	T8	W	---	SPARE	---	---	D2890	3	4
L22	1	DL1	3	T2	A	PARK BRAKE VALVE		32-41-01	1	D2888	3	4
L23	1	DL1	3	T2	A	---	SPARE	---	---	D2888	3	4
L24	1	DB33	3	T8	A	---	SPARE	---	---	D2890	3	4
L25	1	DL1	3	T2	W	---	SPARE	---	---	D2888	3	4
L26	1	DL1	3	T2	W	---	SPARE	---	---	D2888	3	4
L27	1	DB33	3	T8	W	---	SPARE	---	---	D2890	3	4
L28	1	DR17	3	T5	W	---	SPARE	---	---	D1678	3	4
<b>M10395(YDM) WINDOW HEAT CONTROL PANEL</b>												
S1	18	DL6	17	T2	A	INOP	R SIDE WDO HT	30-41-01	1	D876	3	4
S2	18	DR17	17	T5	A	INOP	R FWD WDO HT	30-41-02	1	D878	3	4
S3	18	DL6	17	T2	A	INOP	L FWD WDO HT	30-41-01	1	D876	3	4
S4	18	DR17	17	T5	A	INOP	L SIDE WDO HT	30-41-02	1	D878	3	4
<b>M10397(YDN) WING AND ENGINE ANTI-ICE CONTROL PANEL</b>												
L1	1	DB25	3	T9	A	VALVE	L WG ANTI-ICE	30-11-01	1	D890	3	4
L2	1	DB30	3	T9	A	VALVE	R WG ANTI-ICE	30-11-01	1	D888	3	4
L3	1	DB30	3	T9	A	ICING	ENGINE	30-81-01	1	D888	3	4
S1	18	DB30	17	T9	A	VALVE	L ENG ANTI-ICE	30-21-01	1	D888	3	4
S2	18	DB25	17	T9	A	VALVE	R ENG ANTI-ICE	30-21-01	1	D890	3	4
<b>M10761 (YHW) EEC CONTROL MODULE</b>												
S1	18	DB33	17	T8	A	ALTN	L EEC	73-21-01	1	D2083	3	4
S2	18	DB31	17	T18	A	ALTN	R EEC	73-21-01	1	D2085	3	4
<b>P6 M1033(YDS) FLIGHT RECORDER CONTROL PANEL</b>												
L1	1	DL11	3	T11	W	OFF	FLIGHT REC	31-31-01	1	D493	3	4
<b>M1087(YDW) HYDRAULICS/GENERATOR FIELD CONTROL PANEL</b>												
S1	18	DR16	17	T14	A	OFF	WG R FLT CONT	27-00-01	1	D10114	3	4
S2	18	DR16	17	T14	A	OFF	TL R FLT CONT	27-00-01	2	D10114	3	4
S3	18	DL8	17	T11	A	OFF	WG C FLT CONT	27-00-01	1	D10112	3	4
S4	18	DL8	17	T11	A	OFF	TL C FLT CONT	27-00-01	2	D10112	3	4
S5	18	DL4	17	T11	A	OFF	WG L FLT CONT	27-00-01	1	D10110	3	4
S6	18	DL4	17	T11	A	OFF	TL L FLT CONT	27-00-01	2	D10110	3	4
S7	18	DB28	17	T18	W	FIELD OFF	R GEN	24-20-02	1	D10112	13	14
S8	18	DB28	17	T18	W	FIELD OFF	APU GEN	24-20-03	1	D10112	13	14
S9	18	DB28	17	T18	W	FIELD OFF	L GEN	24-20-01	1	D10112	13	14
<b>M1216(YER) RESERVE BRAKES &amp; STEERING PANEL</b>												
L1	1	DL8	3	T11	W	ISLN	C HYD SYS	29-00-04	1	D10732	3	4
<b>L755 FWD LAV OCCUPIED LT</b>												
-	1	DL11	3	TL11	W	FWD LAV OCCUP	FWD LAV	33-26-21	-	-	1	3



NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF MD&T AND ARE SHOWN FOR REF ONLY.  
ALL ANNUNCIATORS ON THIS SHEET ARE PER ANN CIRCUIT A (SEE SH 3) EXCEPT WHERE NOTED.

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WIRING DIAGRAMS	
33-16-11	
33-16-12	
33-16-13	
33-16-14	
33-16-15	
33-16-16	
33-16-17	
33-16-18	
33-16-21	
33-16-22	
33-16-26	

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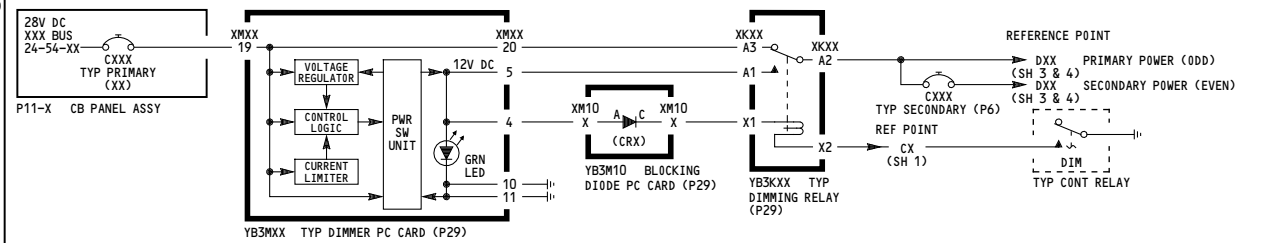
**MASTER DIM AND TEST**

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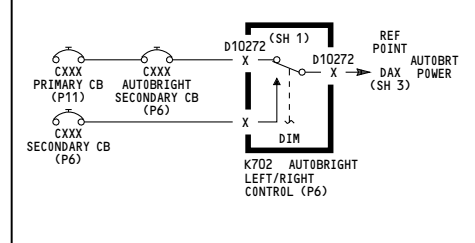
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**TABLE I - TYP ANNUCIATOR BRIGHT/DIM CIRCUIT**



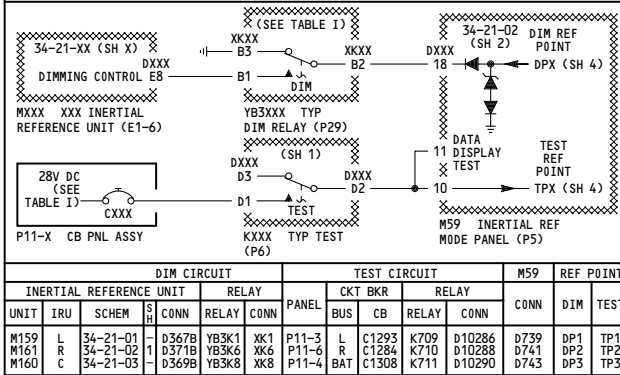
PRIMARY CIRCUIT BREAKER				DIMMER PC CARD				DIODE		DIMMING RELAY				CONT RLY		SECONDARY CIRCUIT BREAKER				REF POINT	
CB	GRID LOC	P/NL	NOMENCLATURE	BUS	SCHEM	CARD	CONN	NOMENCLATURE	(CR)	TERM A	TERM C	RELAY	CONN	NOMENCLATURE	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR
C1293	R1	P11-3	IND LTS L1	L	24-54-01	YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1	NONE
C1297	R2		IND LTS L2			YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5	DL6
C1298	R3		IND LTS L3			YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9	DL10
C1273	R28	P11-6	IND LTS R1	R	24-54-02	YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13	NONE
C1274	R29		IND LTS R2			YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 K29	K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR15	DR16
C1284	R30		IND LTS R3			YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR17	DR18
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03	YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25	DB26
C1308	A34		IND LTS 2			YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29	DB30
C1200	A35		IND LTS 3			YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33	NONE

**TABLE II - TYP ANNUCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT**



(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY			AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT	
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6	
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18	
---	---	---	---	---	---	---	---	(DA36)	

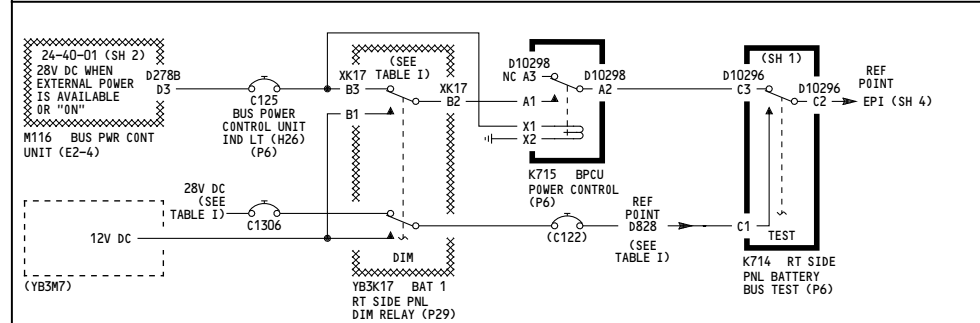
**TABLE III - M59 PANEL ANNUCIATOR DIM/TEST CIRCUITS**



DIM CIRCUIT				TEST CIRCUIT				M59		REF POINT	
UNIT	IRU	SCHEM	CONN	PANEL	CTK BKR	RELAY	CONN	CONN	DIM	TEST	
M159	L	34-21-01	1	D367B	YB3K1	XK1	P11-3	L	C1293	D10286	
M161	R	34-21-02	1	D371B	YB3K6	XK6	P11-6	R	C1284	D10288	
M160	C	34-21-03	1	D369B	YB3K8	XK8	P11-4	BAT	C1308	D10290	

BRIGHT/DIM POWER DISTRIBUTION

**TABLE IV - EXTERNAL POWER ANNUCIATOR (AVAIL/ON) POWER/DIM CIRCUIT**



NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

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**MASTER DIM AND TEST**

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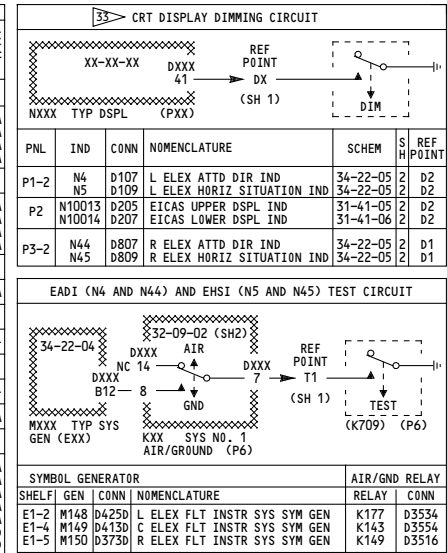
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SYSTEM ANNUNCIATOR LIGHTS														
PNL	IND/ LT/ SW	ANNUNCIATOR LIGHT						EQUIPMENT NOMENCLATURE	SCHEM	S	CONN	K T		
		DIM PIN	REF PT	TEST PIN	REF PT	X	CAP INSC							
P1-3	L19 L119 L136	1 1 1	DA18 DA18 DA18	3 3 3	T4 T4 T4	A A A	A/P AUTO BRKES ALT ALERT	A/P CTN LT AUTO. BRK LT ALT ALERT	22-10-02 32-42-03 34-16-01	2 2 1	- - -	A A A		
M779	L474 L475 L585 L586 L587 L591 L603 L605 L716	1 1 1 1 1 1 1 1 1	DL1 DR13 DB33 DB33 DB33 DA18 DA18 DB25 DL6	3 3 3 3 3 3 3 3 3	T1 T4 T7 T7 T7 T4 T4 T7 T1	L R W MIDDLE B A A A	L ENG OIL PRESS. R ENG OIL PRESS. INNER/AIRWAYS MIDDLE OUTER A/T DISC. FMC BRAKE SOURCE SPEED BRKES	L OIL PRESSURE LT R OIL PRESSURE LT CAPT INNER MKR BCN LT CAPT MIDDLE MKR BCN LT CAPT OUTER MKR BCN LT A/T DISC ENG LT FMC ANN LT BRK SOURCE PRESS. LT SPEED BRKS LT	79-00-01 79-00-01 34-32-01 34-32-01 34-32-01 22-30-02 34-61-02 32-41-01 31-51-04	1 1 - - - 1 1 1 1	- - - - - - - -	A A A A A A A A A		
	A1 A4 B1 B4 C1 C4 D1 D4 E4 F1 F4	DA36 DA18 DA36 DA18 DA36 DA6 DA18 DA36 DA6	A3 A6 B3 B6 C3 C6 D3 D6 E6 F3 F6	T7 T4 T7 T4 T7 T7 T7 T4 T7 T7	R R R R R R R R R R	FIRE CONFIG PULL UP PULL UP A/P DISC. A/P DISC. CABIN ALT CABIN ALT OVSPD OVSPD	RIGHT SIDE LEFT SIDE LEFT SIDE RIGHT SIDE LEFT SIDE LEFT SIDE RIGHT SIDE LEFT SIDE	DISCRETE WARN DISPLAY LIGHT A (RIGHT SIDE) LIGHT B (LEFT SIDE) LIGHT C (RIGHT SIDE) LIGHT D (RIGHT SIDE) LIGHT E (RIGHT SIDE) LIGHT F (RIGHT SIDE) LIGHT F (RIGHT SIDE)	26-11-01 31-51-03 34-46-01 22-10-02 21-33-01 34-12-02	2 - 2 3 - - - -	- - - - - - - -	B B B B B B B B		
	N8 S16 S547	DL6 DA6 DA6 DB25	9 14 14 17	T1 T1 T1 T7	W GND PROX G/S INHB VALVE	ALT G/S INHIBIT LT GND PROX SW RSV BRKS AND STRG SEL SW	CAPT ALTM G/S INHIBIT LT GND PROX SW RSV BRKS AND STRG SEL SW	34-16-01 34-46-01 29-00-04	- 2 1	- - -	- - -	- - -	A A A	
	P3-1	L652 L653 L654 L657 L658 L660 L663 L680 L804 L804	1 4 4 4 4 1 1 1 1 1	DB26 DR13 DB26 DB26 DR13 DR13 DR13 DB33 DL1 DB33 DL6 DL6	3 6 3 6 6 6 6 3 3 3 3 3 3 3	T7 T4 T7 T4 T7 T7 T7 T7 T7 T7 T7 T7 T7 T7 T1 T1 T1	G G G A A A A A A A A A A	LEFT RIGHT NOSE GEAR DOORS TE LE CONFIG LT BRAKE TEMP WHL WELL FIRE (BLANK) TAIL SKID	L GEAR LT R GEAR LT NOSE GEAR LT GEAR LT DOORS LT TE LT LE CONFIG LT BRK TEMP LT WHL WELL FIRE LT (SPARE) TAIL SKID	32-61-01 32-61-01 32-61-01 32-61-01 32-61-01 27-58-03 27-88-01 32-46-01 26-17-01 32-71-01	2 2 2 4 6 2 2 2 2 2 2 2 2	- - - - - - - - - - -	B B B B B A A A A A A A A	
	P3-3	L588 L589 L590 N48	1 1 1 1	DB33 DB33 DB33 DL6	3 3 3 9	T7 T7 T7 T7	W A B W	INNER/AIRWAYS MIDDLE OUTER ALT	F/O INNER MKR BCN LT F/O MIDDLE MKR BCN LT F/O OUTER MKR BCN LT F/O ALTM	34-32-01 34-32-01 34-32-01 34-16-01	- - - - -	- - - -	- - - -	A A A A
	P7	S507 S508 S508	13 18 18	DB26 DL9 DB30 DR21	14 17 14 17	T8 T1 T8 T4	R A R A	WARNING CAUTION WARNING CAUTION	CAPT MSTR WARN AND CAUTION LT SW F/O MSTR WARN AND CAUTION LT SW	31-51-02 31-41-06 31-51-02 31-41-06	2 2 2 2	- - - -	- - - -	A A A A
	P8	S37 S38 S39	1 1 1	DB33 DB29 DB29	- - -	- - -	R R R	L R APU	L ENG FIRE SW (LOC ON M10443) R ENG FIRE SW (LOC ON M10443) APU FIRE SW (LOC ON M10444)	26-11-01 26-11-02 26-15-01	2 2 1	DB836 DB862 DB846	C C C	

SYSTEM ANNUNCIATOR LIGHTS																		
PNL	LT/ SW	ANNUNCIATOR LIGHT						SYSTEM	SCHEM	S	CONN	K T						
		DIM PIN	REF PT	TEST PIN	REF PT	X	CAP INSC											
P8	M10443(YEG)	ENGINE FIRE CONTROL PANEL						FIRE DET	26-11-01	2	D10100	3	4	A				
L1 L2 L3 L4	1 1 1 1	DB29 DB29 DB33	3 3 3	T9 T9 T8	A A A	L R R R	ENG OVHT	EXT	26-11-01	2	D10100	3	4	A				
							ENG BTL 1 DISCH	EXT	26-21-01	-	D10102	3	4	A				
							ENG BTL 2 DISCH	EXT	26-11-02	-	D10102	3	4	A				
M10444(YD0) APU/CARGO FIRE CONTROL PANEL						EXT	26-22-01	-	DB66	3	4	A						
L1 S2 S3	1 18 18	DB29 DB33 DB33	3 17 17	T9 T8 T8	A R A	L R A	APU BTL	CARGO FIRE	26-16-01	2	DB64	3	4	A				
							EXT	CARGO FIRE	26-16-01	2	DB66	3	4	A				
							AFT	DISCH	26-23-01	1	DB64	3	4	A				
M10445(YEH) FIRE/OVERHEAT TEST PANEL						SYS FAIL	26-11-01	2	D10104	3	4	A						
S2	18	DB26	17	T8	A	L	FAIL P-RESET	SYS FAIL	26-11-01	2	D10104	3	4	A				
P9	M76(-)	LEFT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT							34-61-02	2	D465	27	23	-				
M77(-)						RIGHT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT							34-61-04	-	D467	27	23	-
L800	1	DB29	3	T7	W	L	PARK BRAKE SET		32-41-01	1	-	-	-	A				
M73(YAZ) FUEL CONTROL PANEL						L ENG FUEL CONT	28-22-01	4	D1469	3	4	A						
L1 L2 L3 L4 L5 S1 S2 S3	1 1 1 1 1 1 1	DB33	3	T7	A	L	SPAR VALVE	L ENG FUEL CONT	76-11-01	3	D1469	3	4	A				
							ENG VALVE	R ENG FUEL CONT	28-22-01	4	D1471	3	4	A				
							SPAR VALVE	R ENG FUEL CONT	76-11-01	3	D1471	3	4	A				
							ENG VALVE	R ENG FUEL CONT	78-36-01	1	D1471	3	4	A				
							REV ISLN	FUEL CONT	26-11-01	2	D1469	3	4	D				
							L ENG FIRE	26-11-02	-	D1471	3	4	D					
M90(-) AUTOMATIC FLIGHT CONTROL SYSTEM MODE CONTROL PANEL						(SEE SYS SCHEM FOR INDIVIDUAL SW)	22-10-01	-	D475	3	9	9	E					
(SX)	-	DL10 DR22	-	T1 T4	W	L			22-10-01	-	D477	3	9	E				
M91(-) LEFT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL						W AUTO.	34-51-01	-	DB69	4	5	5	A					
S3	13	DB25	14	T8	W	L			34-51-01	-	DB69	4	5	A				
							MAN.											
M92(-) RIGHT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL						W AUTO.	34-51-02	-	DB71	4	5	5	A					
S3	13	DR21	14	T4	W	L			34-51-02	-	DB71	4	5	A				
							MAN.											



NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF M&T AND ARE SHOWN FOR REFERENCE ONLY

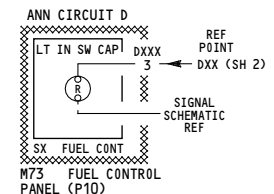
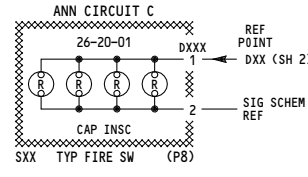
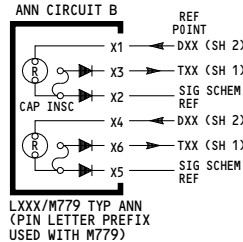
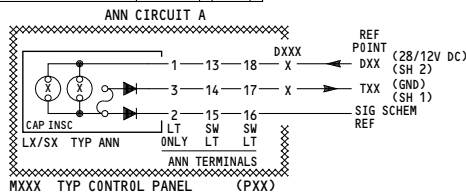
1. VB371-VB400 (231-233)

2. VK001-VK030 (234-236, 253-253, 264-269)

3. TABLE EFF FOR VB371-VB373 (231-233) ONLY.

4. L474 & L475 DIM REF PNT IS DB25 FOR VB374-VB400, VK009-VK020, VK023-VK030

5. L474 & L475 TEST REF PNT IS T7 FOR VB374-VB400, VK009-VK020, VK023-VK030



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767-200/300 SYSTEM SCHEMATIC MANUAL

Table 895: SYSTEM ANNUNCIATOR LIGHTS. Columns include P/N, L/SW, DIM, TEST, CAP, INSCRIPTION, SYSTEM, SCHEM, CONN, DIM, TEST, PIN. Rows include APU CONTROL PANEL, HYDRAULIC SYSTEM CONTROL PANEL, CABIN PRESSURE SELECTOR PANEL, TEMPERATURE CONTROL PANEL, BLEED AIR SUPPLY PANEL, EQUIPMENT COOLING CONTROL PANEL, CARGO HEAT CONTROL PANEL, EMERGENCY LIGHTS CONTROL PANEL, ENGINE IGNITION & START CONTROL PANEL.

Table 896: SYSTEM ANNUNCIATOR LIGHTS. Columns include P/N, L/SW, DIM, TEST, CAP, INSCRIPTION, SYSTEM, SCHEM, CONN, DIM, TEST, PIN. Rows include PILOTS CALL PANEL, INERTIAL REFERENCE MODE PANEL, ENTERTAINMENT PANEL, HF/SAT AUDIO XFER AND SAT/CALL RST PNL, FUEL MANAGEMENT PANEL, RIGHT OVERHEAD LIGHTING CONTROL PANEL, STANDBY POWER PANEL, ELECTRICAL SYSTEM PANEL.

Table 897: SYSTEM ANNUNCIATOR LIGHTS. Columns include P/N, L/SW, DIM, TEST, CAP, INSCRIPTION, SYSTEM, SCHEM, CONN, DIM, TEST, PIN. Rows include YAW DAMPER PANEL, ANNUNCIATOR PANEL, WINDOW HEAT CONTROL PANEL, WING AND ENGINE ANTI-ICE CONTROL PANEL, EEC CONTROL MODULE, FLIGHT RECORDER CONTROL PANEL, HYDRAULICS/GENERATOR FIELD CONTROL PANEL, RESERVE BRAKES & STEERING PANEL, FUEL JETTISON CONTROL PANEL.

NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF MD&T AND ARE SHOWN FOR REF ONLY. ALL ANNUNCIATORS ON THIS SHEET ARE PER ANN CIRCUIT A (SEE SH 3) EXCEPT WHERE NOTED.

41) WK001-VK030 (234-236, 253-253)

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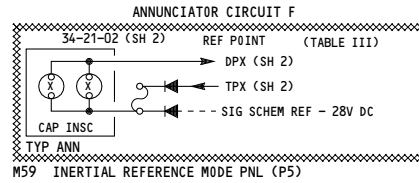
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SYSTEM ANNUNCIATOR LIGHTS												
P N L	LT/ SW	DIM LT PIN	TEST REF PT	CAP LT REF PT	C L R	INSCRIPTION	SYSTEM	SCHEM	S H	CONTROL PANEL		
										CONN	DIM PIN	TEST PIN
<b>P5 M10394(YDL) ANNUNCIATOR PANEL</b>												
L1	1	DR17	3	T5	A	ENTRY DOORS		52-70-01	1	D1678	3	4
L2	1	DR17	3	T5	A	EMER DOORS		52-70-01	2	D1678	3	4
L3	1	DR17	3	T5	A	CARGO DOORS		52-70-01	3	D1678	3	4
L4	1	DR17	3	T5	A	ACCESS DOORS		52-70-01	3	D1678	3	4
L5	1	DB33	3	T8	A	CAPT PITOT		30-31-01	1	D2890	3	4
L6	1	DR17	3	T5	A	F/O PITOT		30-31-01	1	D1678	3	4
L7	1	DB33	3	T8	A	L AOA		30-32-01	1	D2890	3	4
L8	1	DR17	3	T5	A	R AOA		30-32-01	1	D1678	3	4
L9	1	DR17	3	T5	A	L AUX PITOT		30-31-01	2	D1678	3	4
L10	1	DB33	3	T8	A	R AUX PITOT		30-31-01	2	D2890	3	4
L11	1	DL1	3	T2	A	TAT		30-33-01	1	D2888	3	4
L12	1	DR17	3	T5	W	SPARE		---	---	D1678	3	4
L13	1	DB33	3	T8	A	STAB. TRIM		27-40-01	5	D2890	3	4
L14	1	DB33	3	T8	A	SPOILERS		27-61-01	7	D2890	3	4
L15	1	DR17	3	T5	A	AUTO SPD BRK		27-62-01	2	D1678	3	4
L16	1	DB33	3	T8	W	SPARE		---	---	D2890	3	4
L17	1	DB33	3	T8	A	UNSCHEG STAB. TRIM		27-40-01	5	D2890	3	4
L18	1	DB33	3	T8	A	RUDDER RATIO		27-20-02	2	D2890	3	4
L19	1	DB33	3	T8	A	ANTI SKID		52-14-04	2	D2890	3	4
L20	1	DB33	3	T8	A	AIL. LOCK		27-10-02	2	D2890	3	4
L21	1	DB33	3	T8	W	SPARE		---	---	D2890	3	4
L22	1	DL1	3	T2	A	PARK BRAKE VALVE		32-41-01	1	D2888	3	4
L23	1	DL1	3	T2	A	SPARE		---	---	D2888	3	4
L24	1	DB33	3	T8	A	SPARE		---	---	D2890	3	4
L25	1	DL1	3	T2	W	SPARE		---	---	D2888	3	4
L26	1	DL1	3	T2	W	SPARE		---	---	D2888	3	4
L27	1	DB33	3	T8	W	SPARE		---	---	D2890	3	4
L28	1	DR17	3	T5	W	SPARE		---	---	D1678	3	4
<b>M10395(YDM) WINDOW HEAT CONTROL PANEL</b>												
S1	18	DL6	17	T2	A	INOP	R SIDE WDO HT	30-41-01	1	D876	3	4
S2	18	DR17	17	T5	A	INOP	R FWD WDO HT	30-41-02	1	D878	3	4
S3	18	DL6	17	T2	A	INOP	L FWD WDO HT	30-41-01	1	D876	3	4
S4	18	DR17	17	T5	A	INOP	L SIDE WDO HT	30-41-02	1	D878	3	4
<b>M10397(YDN) WING AND ENGINE ANTI-ICE CONTROL PANEL</b>												
L1	1	DB25	3	T9	A	VALVE	L WG ANTI-ICE	30-11-01	1	D890	3	4
L2	1	DB30	3	T9	A	VALVE	R WG ANTI-ICE	30-11-01	1	D888	3	4
L3	1	DB30	3	T9	A	ICING	ENGINE	30-81-01	1	D888	3	4
S1	18	DB30	17	T9	A	VALVE	L ENG ANTI-ICE	30-21-01	1	D888	3	4
S2	18	DB25	17	T9	A	VALVE	R ENG ANTI-ICE	30-21-01	1	D890	3	4
<b>M10761 (YHW) EEC CONTROL MODULE</b>												
S1	18	DB33	17	T8	A	ALTN	L EEC	73-21-01	1	D2083	3	4
S2	18	DB31	17	T18	A	ALTN	R EEC	73-21-01	1	D2085	3	4
<b>P6 M1033(YDS) FLIGHT RECORDER CONTROL PANEL</b>												
L1	1	DL11	3	T11	W	OFF	FLIGHT REC	31-31-01	1	D493	3	4
<b>M1087(YDW) HYDRAULICS/GENERATOR FIELD CONTROL PANEL</b>												
S1	18	DR16	17	T14	A	OFF	WG R FLT CONT	27-00-01	1	D10114	3	4
S2	18	DR16	17	T14	A	OFF	TL R FLT CONT	27-00-01	2	D10114	3	4
S3	18	DL8	17	T11	A	OFF	WG C FLT CONT	27-00-01	1	D10112	3	4
S4	18	DL8	17	T11	A	OFF	TL C FLT CONT	27-00-01	2	D10112	3	4
S5	18	DL4	17	T11	A	OFF	WG L FLT CONT	27-00-01	1	D10110	3	4
S6	18	DL4	17	T11	A	OFF	TL L FLT CONT	27-00-01	2	D10110	3	4
S7	18	DB28	17	T18	W	FIELD OFF	R GEN	24-20-02	1	D10112	13	14
S8	18	DB28	17	T18	W	FIELD OFF	APU GEN	24-20-03	1	D10112	13	14
S9	18	DB28	17	T18	W	FIELD OFF	L GEN	24-20-01	1	D10112	13	14
<b>M1216(YER) RESERVE BRAKES &amp; STEERING PANEL</b>												
L1	1	DL8	3	T11	W	ISLN	C HYD SYS	29-00-04	1	D10732	3	4
<b>L755 FWD LAV OCCUPIED LT</b>												
-	1	DL11	3	TL11	W	FWD LAV OCCUP	FWD LAV	33-26-21	-	-	1	3



NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF MD&T AND ARE SHOWN FOR REF ONLY.  
ALL ANNUNCIATORS ON THIS SHEET ARE PER ANN CIRCUIT A (SEE SH 3) EXCEPT WHERE NOTED.

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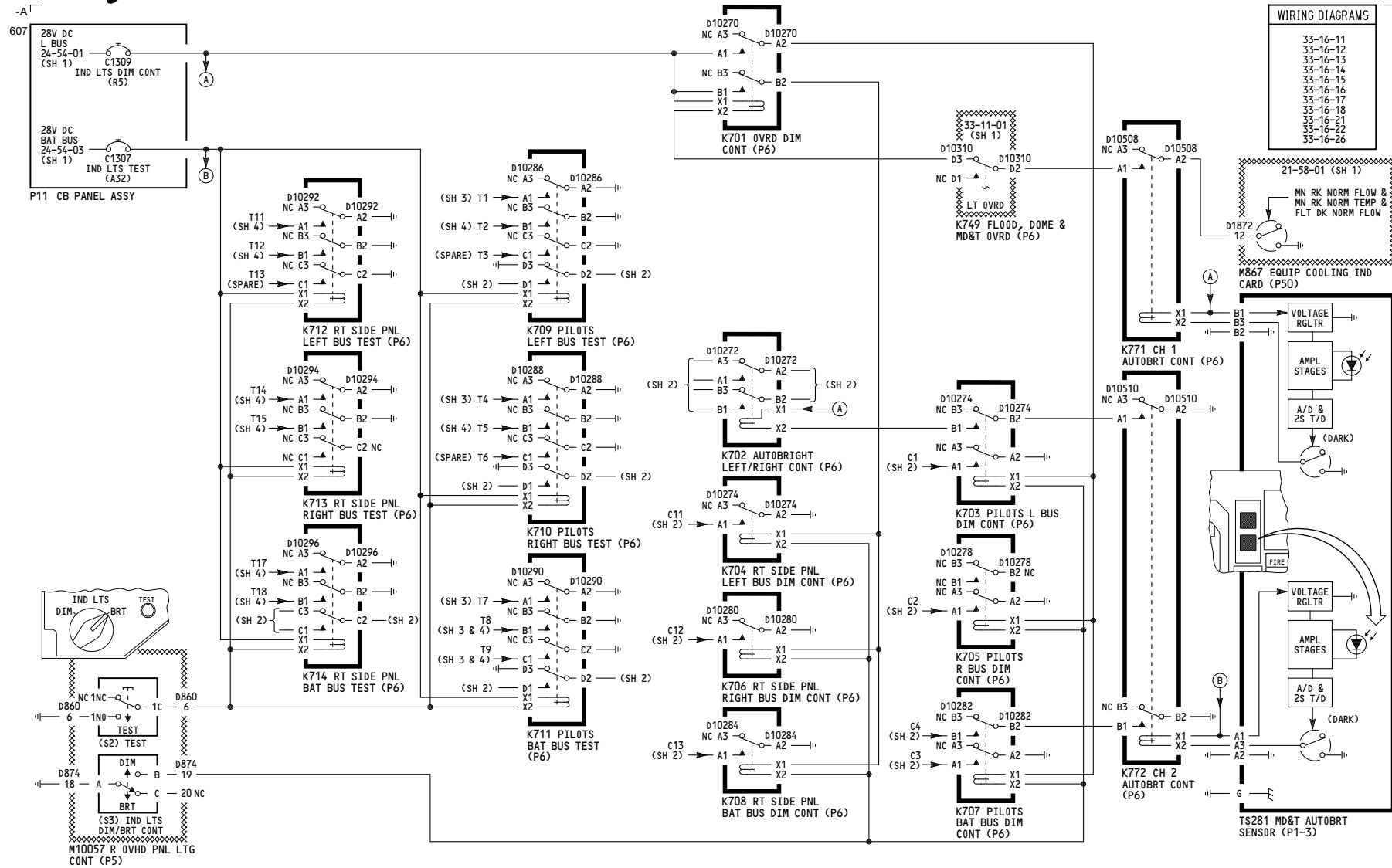
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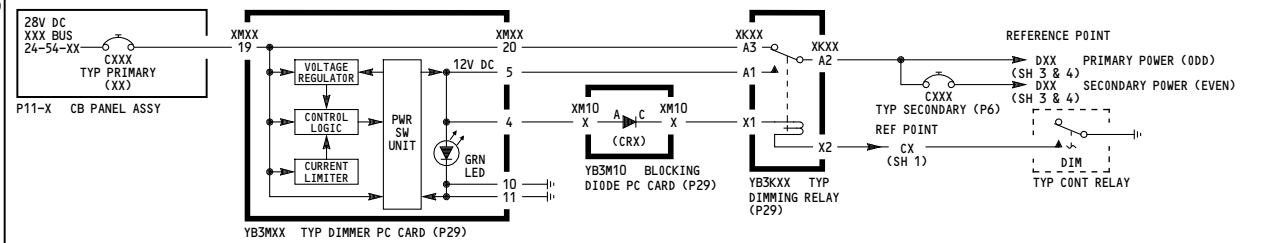
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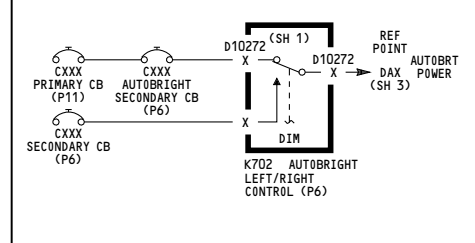
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**TABLE I - TYP ANNUCIATOR BRIGHT/DIM CIRCUIT**



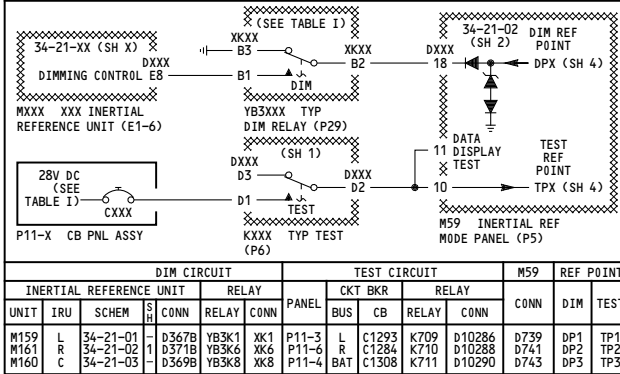
PRIMARY CIRCUIT BREAKER				DIMMER PC CARD				DIODE		DIMMING RELAY				CONT RLY		SECONDARY CIRCUIT BREAKER				REF POINT		
CB	GRID LOC	PNL	NOMENCLATURE	BUS	SCHEM	SH	CARD	CONN	NOMENCLATURE	(CR)	TERM A	TERM C	RELAY	NOMENCLATURE	CONN	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR
C1293	R1	P11-3	IND LTS L1	L	24-54-01		YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1 DL3	NONE DL4
C1297	R2		IND LTS L2				YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5 DL7	DL6 DL8
C1298	R3		IND LTS L3				YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9 DL11	DL10 NONE
C1273	R28	P11-6	IND LTS R1	R	24-54-02		YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13 DR15	NONE DR16
C1274	R29		IND LTS R2				YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 K29	K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR17 DR19	DR18 DR20
C1284	R30		IND LTS R3				YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR21 NONE	DR22 NONE
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03		YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25 DB27	DB26 DB28
C1308	A34		IND LTS 2				YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29 DB31	DB30 DB32
C1200	A35		IND LTS 3				YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33 NONE	DA36 NONE

**TABLE II - TYP ANNUCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT**



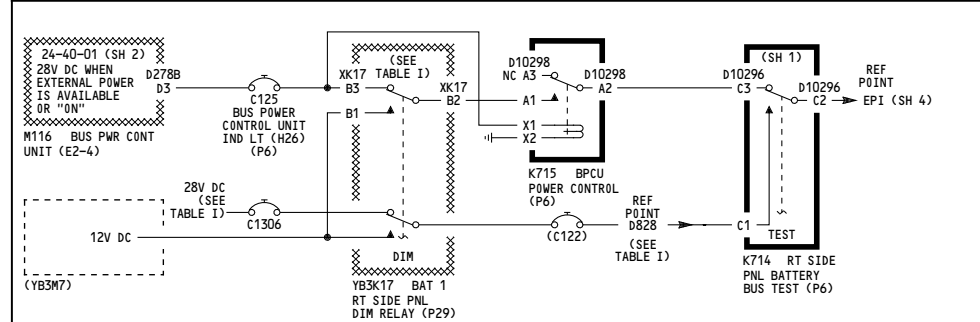
(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY		AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18
---	---	---	---	---	---	---	---	(DA36)

**TABLE III - M59 PANEL ANNUCIATOR DIM/TEST CIRCUITS**



BRIGHT/DIM POWER DISTRIBUTION

**TABLE IV - EXTERNAL POWER ANNUCIATOR (AVAIL/ON) POWER/DIM CIRCUIT**



NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

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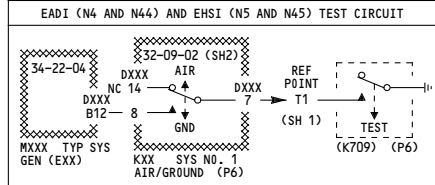
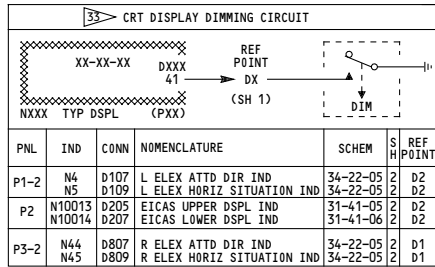




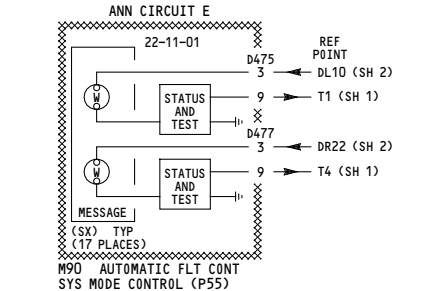
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PNL	IND/ LT/ SW	ANNUNCIATOR LIGHT					EQUIPMENT NOMENCLATURE	SCHEM	S	CONN	K	C	T
		DIM	TEST		CAP								
			REF PIN	REF PIN	REF PIN	REF PIN							
P1-3	L19	1	DA18	3	T4	A	A/P	22-10-02	3	A			
	L119	1	DA18	3	T4	A	AUTO BRKES	32-42-03	2	A			
	L136	1	DA18	3	T4	A	ALT ALERT	34-16-01	1	A			
	L474	1	DL1	3	T1	A	L ENG OIL PRESS.	79-00-01	1	A			
	L475	1	DR13	3	T4	A	R ENG OIL PRESS.	79-00-01	1	A			
	L585	1	DB33	3	T7	A	W INNER/AIRWAYS	34-32-01	1	A			
	L586	1	DB33	3	T7	A	MIDDLE	34-32-01	1	A			
	L587	1	DB33	3	T7	B	OUTER	34-32-01	1	A			
	L591	1	DA18	3	T4	A	A/T DISC.	22-30-02	1	A			
	L603	1	DA18	3	T4	A	FMC	34-61-02	1	A			
	L605	1	DB25	3	T7	A	BRAKE SOURCE	32-41-01	1	A			
	L716	1	DL6	3	T1	A	SPEED BRKES	31-51-04	1	A			
	M779	A1	DA36	A3	T7	R	FIRE	DISCRETE WARN DISPLAY LIGHT A (RIGHT SIDE)	26-11-01	2	B		
A4		DA18	A6	T4	R	FIRE	DISCRETE WARN DISPLAY LIGHT A (LEFT SIDE)	26-11-01	2	B			
B1		DA36	B3	T7	R	CONFIG	DISCRETE WARN DISPLAY LIGHT B (RIGHT SIDE)	31-51-03	1	B			
B4		DA18	B6	T4	R	CONFIG	DISCRETE WARN DISPLAY LIGHT B (LEFT SIDE)	31-51-03	1	B			
C1		DA36	C3	T7	R	PULL UP	DISCRETE WARN DISPLAY LIGHT C (RIGHT SIDE)	34-46-01	2	B			
C4		DA6	C6	T1	R	PULL UP	DISCRETE WARN DISPLAY LIGHT C (LEFT SIDE)	34-46-01	2	B			
D1		DA36	D3	T7	R	A/P DISC.	DISCRETE WARN DISPLAY LIGHT D (RIGHT SIDE)	22-10-02	3	B			
D4		DA18	D6	T4	R	A/P DISC.	DISCRETE WARN DISPLAY LIGHT D (LEFT SIDE)	22-10-02	3	B			
E4		DA6	E6	T1	R	CABIN ALT	DISCRETE WARN DISPLAY LIGHT E (RIGHT SIDE)	21-33-01	1	B			
F1		DA36	F3	T7	R	OVSPD	DISCRETE WARN DISPLAY LIGHT F (RIGHT SIDE)	34-12-02	1	B			
F4		DA18	F6	T4	R	OVSPD	DISCRETE WARN DISPLAY LIGHT F (LEFT SIDE)	34-12-02	1	B			
N8		N1	DL6	9	T1	W	ALT	CAPT ALTM	34-16-01	D111	A		
		S16	13	DA6	14	T1	A	GND	34-46-01	2	A		
S547		S18	DA6	T7	A	GND	G/S INHIBIT LT GND PROX SW	34-46-01	2	A			
		S18	DB25	17	T7	A	VALVE	RSV BRKS AND STRG SEL SW	29-00-04	1	A		
P3-1	L652	4	DB26	3	T7	G	LEFT	32-61-01	2	B			
	L653	4	DB26	3	T7	G	RIGHT	32-61-01	2	B			
	L654	4	DB26	3	T7	G	NOSE	32-61-01	2	B			
	L657	4	DB26	3	T7	A	GEAR	32-61-01	4	B			
	L658	4	DB26	3	T7	A	DOORS	32-61-01	6	B			
	L660	4	DR13	3	T4	A	TE	27-58-03	1	A			
	L661	4	DR13	3	T4	A	LE CONFIG LT	27-88-01	2	A			
	L663	1	DL1	3	T1	W	BRKE TEMP	32-46-01	1	A			
	L680	1	DB33	3	T7	R	WHL WELL FIRE (BLANK)	26-17-01	1	A			
	L804	1	DL6	3	T1	A	TAIL SKID	32-71-01	1	B			
	P3-3	L588	1	DB33	3	T7	W	INNER/AIRWAYS	34-32-01	1	A		
L589		1	DB33	3	T7	A	MIDDLE	34-32-01	1	A			
L590		1	DB33	3	T7	B	OUTER	34-32-01	1	A			
N48		11	DL6	9	T1	W	ALT	34-16-01	D175	A			
P7	S507	13	DB26	14	T8	R	WARNING	31-51-02	1	A			
	S508	18	DR21	17	T4	R	CAUTION	31-41-06	2	A			
	S508	13	DB30	14	T8	R	WARNING	31-51-02	1	A			
P8	S37	1	DB33	3	T7	R	L ENG FIRE SW (LOC ON M10443)	26-11-01	D2	A			
	S38	1	DB29	3	T7	R	R ENG FIRE SW (LOC ON M10443)	26-11-02	D862	C			
	S39	1	DB29	3	T7	R	APU FIRE SW (LOC ON M10444)	26-15-01	D846	C			

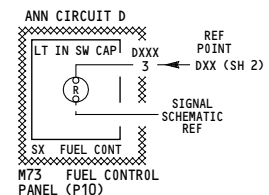
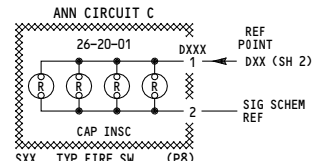
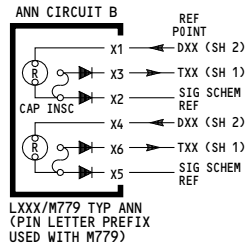
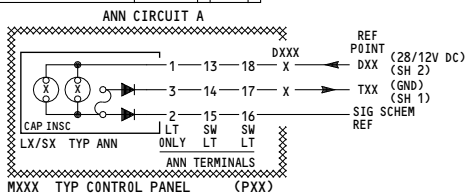
PNL	LT/ SW	ANNUNCIATOR LIGHT					SYSTEM	SCHEM	S	CONN	K	C	T		
		DIM	TEST		CAP										
			REF PIN	REF PIN	REF PIN	REF PIN								INSC	
P8	M10443(YEG)	L1	1	DB29	3	T9	A	L ENG OVHT	FIRE DET	26-11-01	2	D10100	3	4	A
		L2	1	DB29	3	T9	A	ENG BTL 1 DISCH	EXT	26-21-01	1	D10100	3	4	A
		L3	1	DB33	3	T8	A	ENG BTL 2 DISCH	EXT	26-21-01	1	D10102	3	4	A
		L4	1	DB33	3	T8	A	R ENG OVHT	FIRE DET	26-11-02	1	D10102	3	4	A
		M10444(YD0) APU/CARGO FIRE CONTROL PANEL													
		L1	1	DB29	3	T9	A	APU BTL	EXT	26-22-01	1	D866	3	4	A
		S1	18	DB33	17	T8	R	FWD	CARGO FIRE	26-16-01	2	D864	3	4	A
		S2	18	DB29	17	T9	R	AFT	CARGO FIRE	26-16-01	2	D866	3	4	A
		S3	18	DB33	17	T8	A	DISCH	CAP BTL DISCH	26-23-01	1	D864	3	4	A
		M10445(YEH) FIRE/OVERHEAT TEST PANEL													
S2	18	DB26	17	T8	A	FAIL P-RESET	SYS FAIL	26-11-01	2	D10104	3	4	A		
P9	M76(-) LEFT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT														
	M77(-) RIGHT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT														
P10	L800 1 DB29 3 T7 W PARK BRAKE SET 32-41-01 1														
	M73(YAZ) FUEL CONTROL PANEL														
P55	M90(-)	L1	1	DB33	3	T7	A	SPAR VALVE	L ENG FUEL CONT	28-22-01	4	D1469	3	4	A
		L2	1	DB33	3	T7	A	ENG VALVE	L ENG FUEL CONT	76-11-01	3	D1469	3	4	A
		L3	1	DB29	3	T7	A	SPAR VALVE	R ENG FUEL CONT	28-22-01	4	D1471	3	4	A
		L4	1	DB29	3	T7	A	ENG VALVE	R ENG FUEL CONT	76-11-01	3	D1471	3	4	A
		L5	1	DB29	3	T7	A	REV ISLN	FUEL CONT	78-36-01	1	D1471	3	4	A
P55 M90(-) AUTOMATIC FLIGHT CONTROL SYSTEM MODE CONTROL PANEL															
(SX)	DL10	DR22	T1	T4	W		(SEE SYS SCHEM FOR INDIVIDUAL SW)	22-10-01	1	D475	3	9	E		
M91(-) LEFT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL															
S3	13	DB25	14	T8	W	AUTO. MAN.		34-51-01	1	D869	4	5	A		
M92(-) RIGHT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL															
S3	13	DR21	14	T4	W	AUTO. MAN.		34-51-02	1	D871	4	5	A		



SYMBOL	GENERATOR	SHIELD	GEN	CONN	NOMENCLATURE	RELAY	CONN
E1-2	M148	D425D	L	ELEX FLT INSTR SYS	SYM GEN	K177	D3534
E1-4	M149	D413D	L	ELEX FLT INSTR SYS	SYM GEN	K143	D3554
E1-5	M150	D373D	R	ELEX FLT INSTR SYS	SYM GEN	K149	D3516



NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF M&T AND ARE SHOWN FOR REFERENCE ONLY  
 31 VB371-VB400 (231-233)  
 32 VK001-VK030 (234-236, 253-253, 264-269)  
 33 TABLE EFF FOR VB371-VB373 (231-233) ONLY.



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Table with columns: P/N, L/SW, DIM, TEST, CAP, INSCRIPTION, SYSTEM, SCHEM, CONN, DIM, TEST, CONTROL PNL. Includes sub-sections like M1(YAS) APU CONTROL PANEL, M10(YCY) HYDRAULIC SYSTEM CONTROL PANEL, M13(-) CABIN PRESSURE SELECTOR PANEL, etc.

Table with columns: P/N, L/SW, DIM, TEST, CAP, INSCRIPTION, SYSTEM, SCHEM, CONN, DIM, TEST, CONTROL PNL. Includes sub-sections like M51(-) PILOTS CALL PANEL, M59(-) INERTIAL REFERENCE MODE PANEL, M111(YCG) ENTERTAINMENT PANEL, etc.

Table with columns: P/N, L/SW, DIM, TEST, CAP, INSCRIPTION, SYSTEM, SCHEM, CONN, DIM, TEST, CONTROL PNL. Includes sub-sections like M10250(YAL) YAW DAMPER PANEL, M10394(YDL) ANNUNCIATOR PANEL, M10395(YDM) WINDOW HEAT CONTROL PANEL, etc.

NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF MD&T AND ARE SHOWN FOR REF ONLY. ALL ANNUNCIATORS ON THIS SHEET ARE PER ANN CIRCUIT A (SEE SH 3) EXCEPT WHERE NOTED.

41) WK001-VK030 (234-236, 253-253)

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- Incorporates
25-0325 R14
MTO 230591

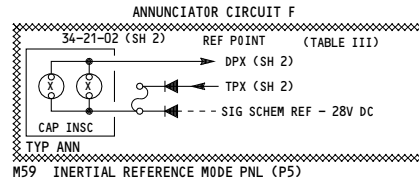
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SYSTEM ANNUNCIATOR LIGHTS												
P N L	LT/ SW	DIM LT PIN	TEST PT	CAP			SYSTEM	SCHEM	CONTROL PANEL			
				REF PT	REF PT	INSCRIPTION			S H	CONN	DIM PIN	TEST PIN
<b>P5 M10394(YDL) ANNUNCIATOR PANEL</b>												
L1	1	DR17	3	T5	A	ENTRY DOORS		52-70-01	1	D1678	3	4
L2	1	DR17	3	T5	A	EMER DOORS		52-70-01	2	D1678	3	4
L3	1	DR17	3	T5	A	CARGO DOORS		52-70-01	3	D1678	3	4
L4	1	DR17	3	T5	A	ACCESS DOORS		52-70-01	3	D1678	3	4
L5	1	DB33	3	T8	A	CAPT PITOT		30-31-01	1	D2890	3	4
L6	1	DR17	3	T5	A	F/O PITOT		30-31-01	1	D1678	3	4
L7	1	DB33	3	T8	A	L AOA		30-32-01	1	D2890	3	4
L8	1	DR17	3	T5	A	R AOA		30-32-01	1	D1678	3	4
L9	1	DR17	3	T5	A	L AUX PITOT		30-31-01	2	D1678	3	4
L10	1	DB33	3	T8	A	R AUX PITOT		30-31-01	2	D2890	3	4
L11	1	DL1	3	T2	A	TAT		30-33-01	1	D2888	3	4
L12	1	DR17	3	T5	W	---	SPARE	---	---	D1678	3	4
L13	1	DB33	3	T8	A	STAB. TRIM		27-40-01	5	D2890	3	4
L14	1	DB33	3	T8	A	SPOILERS		27-61-01	7	D2890	3	4
L15	1	DR17	3	T5	A	AUTO SPD BRK		27-62-01	2	D1678	3	4
L16	1	DB33	3	T8	W	---	SPARE	---	---	D2890	3	4
L17	1	DB33	3	T8	A	UNSCHEG STAB. TRIM		27-40-01	5	D2890	3	4
L18	1	DB33	3	T8	A	RUDDER RATI0		27-20-02	2	D2890	3	4
L19	1	DB33	3	T8	A	ANTI SKID		52-14-04	3	D2890	3	4
L20	1	DB33	3	T8	A	AIL. LOCK		27-10-02	2	D2890	3	4
L21	1	DB33	3	T8	W	---	SPARE	---	---	D2890	3	4
L22	1	DL1	3	T2	A	PARK BRAKE VALVE		32-41-01	1	D2888	3	4
L23	1	DL1	3	T2	A	---	SPARE	---	---	D2888	3	4
L24	1	DB33	3	T8	A	---	SPARE	---	---	D2890	3	4
L25	1	DL1	3	T2	W	---	SPARE	---	---	D2888	3	4
L26	1	DL1	3	T2	W	---	SPARE	---	---	D2888	3	4
L27	1	DB33	3	T8	W	---	SPARE	---	---	D2890	3	4
L28	1	DR17	3	T5	W	---	SPARE	---	---	D1678	3	4
<b>M10395(YDM) WINDOW HEAT CONTROL PANEL</b>												
S1	18	DL6	17	T2	A	INOP	R SIDE WDO HT	30-41-01	1	D876	3	4
S2	18	DR17	17	T5	A	INOP	R FWD WDO HT	30-41-02	1	D878	3	4
S3	18	DL6	17	T2	A	INOP	L FWD WDO HT	30-41-01	1	D876	3	4
S4	18	DR17	17	T5	A	INOP	L SIDE WDO HT	30-41-02	1	D878	3	4
<b>M10397(YDN) WING AND ENGINE ANTI-ICE CONTROL PANEL</b>												
L1	1	DB25	3	T9	A	VALVE	L WG ANTI-ICE	30-11-01	1	D890	3	4
L2	1	DB30	3	T9	A	VALVE	R WG ANTI-ICE	30-11-01	1	D888	3	4
L3	1	DB30	3	T9	A	ICING	ENGINE	30-81-01	1	D888	3	4
S1	18	DB30	17	T9	A	VALVE	L ENG ANTI-ICE	30-21-01	1	D888	3	4
S2	18	DB25	17	T9	A	VALVE	R ENG ANTI-ICE	30-21-01	1	D890	3	4
<b>M10761 (YHW) EEC CONTROL MODULE</b>												
S1	18	DB33	17	T8	A	ALTN	L EEC	73-21-01	1	D2083	3	4
S2	18	DB31	17	T18	A	ALTN	R EEC	73-21-01	1	D2085	3	4
<b>P6 M1033(YDS) FLIGHT RECORDER CONTROL PANEL</b>												
L1	1	DL11	3	T11	W	OFF	FLIGHT REC	31-31-01	1	D493	3	4
<b>M1087(YDW) HYDRAULICS/GENERATOR FIELD CONTROL PANEL</b>												
S1	18	DR16	17	T14	A	OFF	WG R FLT CONT	27-00-01	1	D10114	3	4
S2	18	DR16	17	T14	A	OFF	TL R FLT CONT	27-00-01	2	D10114	3	4
S3	18	DL8	17	T11	A	OFF	WG C FLT CONT	27-00-01	1	D10112	3	4
S4	18	DL8	17	T11	A	OFF	TL C FLT CONT	27-00-01	2	D10112	3	4
S5	18	DL4	17	T11	A	OFF	WG L FLT CONT	27-00-01	1	D10110	3	4
S6	18	DL4	17	T11	A	OFF	TL L FLT CONT	27-00-01	2	D10110	3	4
S7	18	DB28	17	T18	W	FIELD OFF	R GEN	24-20-02	1	D10112	13	14
S8	18	DB28	17	T18	W	FIELD OFF	APU GEN	24-20-03	1	D10112	13	14
S9	18	DB28	17	T18	W	FIELD OFF	L GEN	24-20-01	1	D10112	13	14
<b>M1216(YER) RESERVE BRAKES &amp; STEERING PANEL</b>												
L1	1	DL8	3	T11	W	ISLN	C HYD SYS	29-00-04	1	D10732	3	4
<b>L755 FWD LAV OCCUPIED LT</b>												
-	1	DL11	3	TL11	W	FWD LAV OCCUP	FWD LAV	33-26-21	-	-	1	3



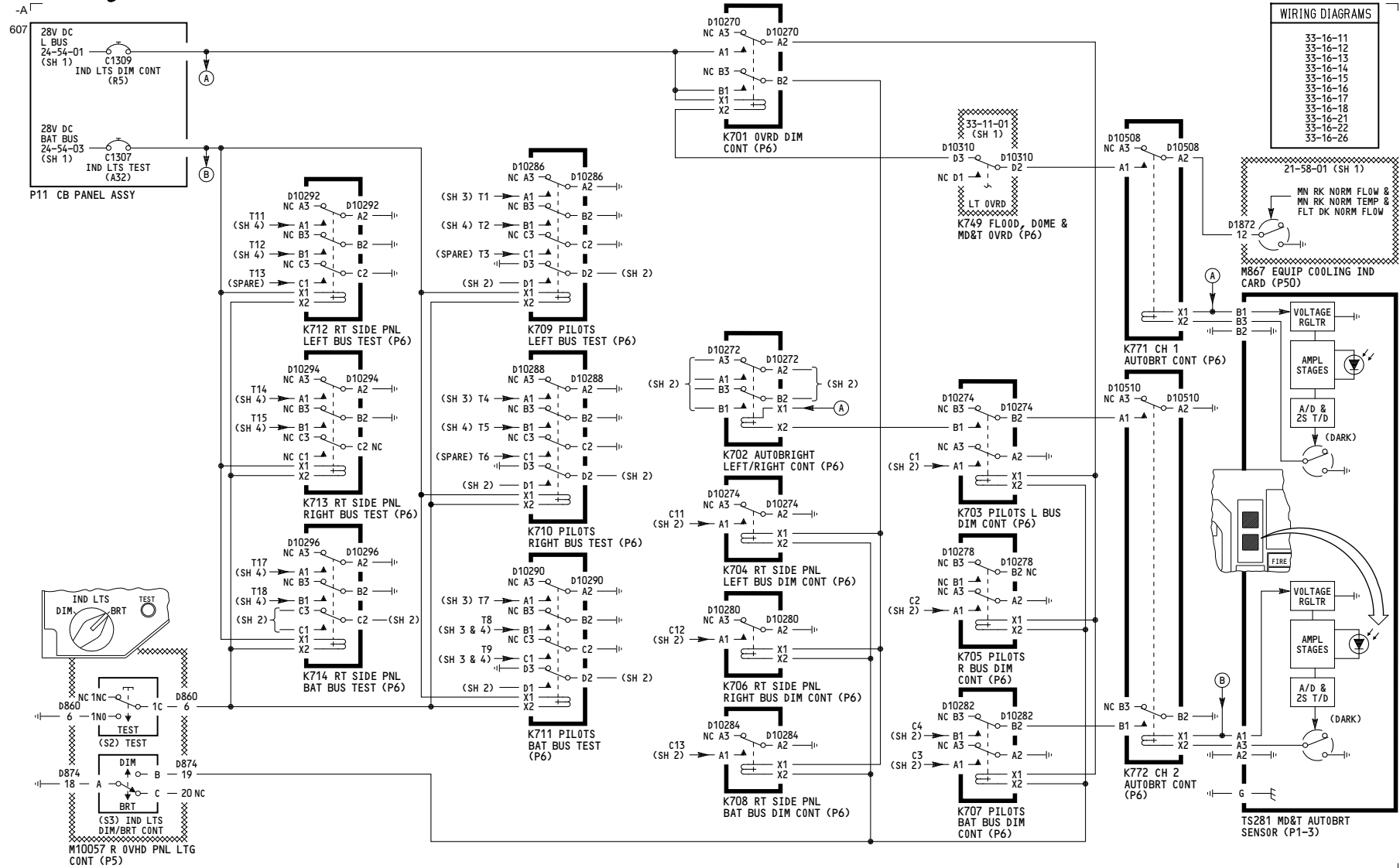
NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF MD&T AND ARE SHOWN FOR REF ONLY.  
ALL ANNUNCIATORS ON THIS SHEET ARE PER ANN CIRCUIT A (SEE SH 3) EXCEPT WHERE NOTED.

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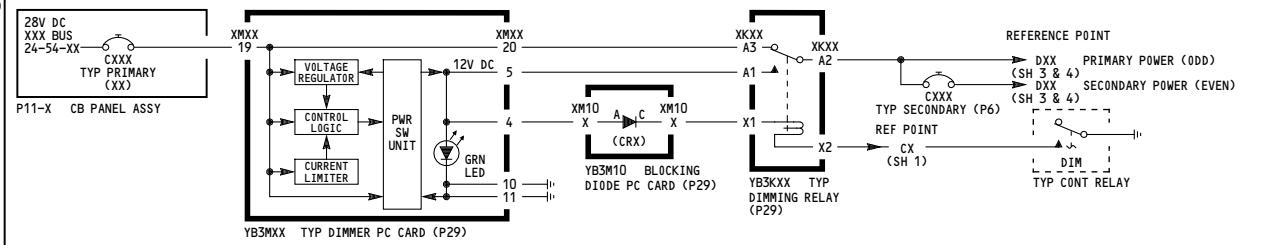
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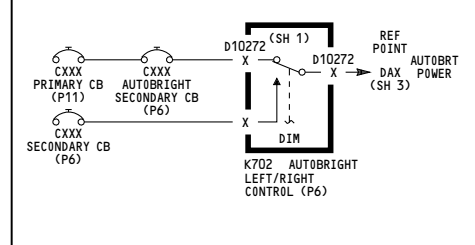
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**TABLE I - TYP ANNUCIATOR BRIGHT/DIM CIRCUIT**



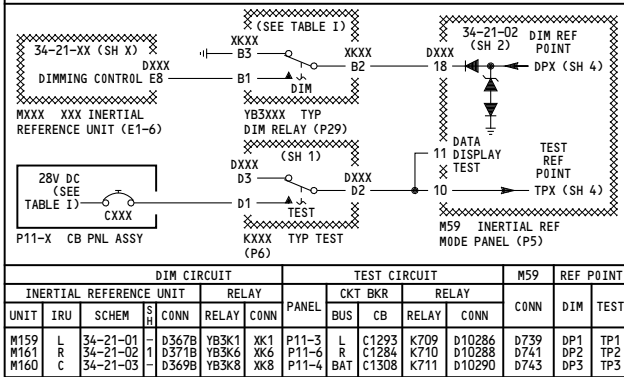
**TABLE II - TYP ANNUCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT**



CB	GRID LOC	PNL	NOMENCLATURE	BUS	SCHEM	S	DIMMER PC CARD		DIODE	DIMMING RELAY		CONT RLY		SECONDARY CIRCUIT BREAKER		REF POINT						
							CARD	CONN		CONN	NOMENCLATURE	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR				
C1293	R1	P11-3	IND LTS L1	L	24-54-01		YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1 DL3	NONE DL4
C1297	R2		IND LTS L2				YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5 DL7	DL6 DL8
C1298	R3		IND LTS L3				YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9 DL11	DL10 NONE
C1273	R2B	P11-6	IND LTS R1	R	24-54-02		YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13 DR15	NONE DR16
C1274	R29		IND LTS R2				YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 C120	K29 K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR17 DR19	DR18 DR20
C1284	R30		IND LTS R3				YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR21 NONE	DR22 NONE
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03		YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25 DB27	DB26 DB28
C1308	A34		IND LTS 2				YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29 DB31	DB30 DB32
C1200	A35		IND LTS 3				YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33 NONE	DA36 NONE

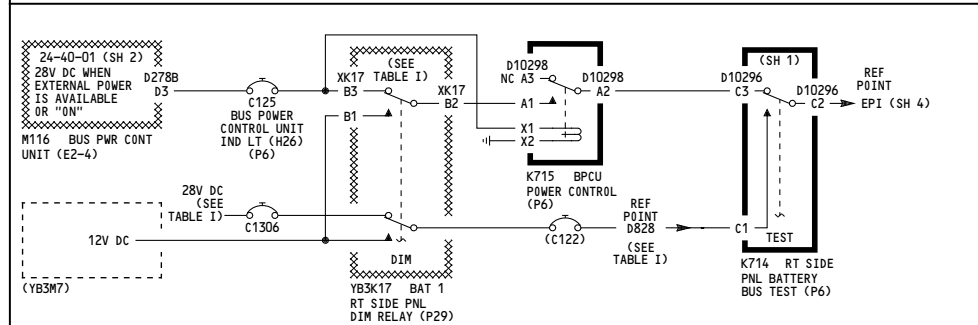
(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY		AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18
---	---	---	---	---	---	---	---	(DA36)

**TABLE III - M59 PANEL ANNUCIATOR DIM/TEST CIRCUITS**



BRIGHT/DIM POWER DISTRIBUTION

**TABLE IV - EXTERNAL POWER ANNUCIATOR (AVAIL/ON) POWER/DIM CIRCUIT**



NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

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**MASTER DIM AND TEST**

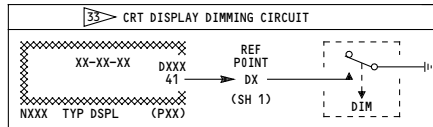
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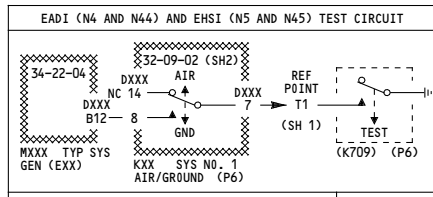
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PNL	IND/LT/SW	ANNUNCIATOR LIGHT							EQUIPMENT NOMENCLATURE	SCHEM	S	CONN	K	C	T
		DIM		TEST		CAP									
		REF PIN	REF PIN	REF PIN	REF PIN	X	INSC								
P1-3	L19	1	DA18	3	T4	A	A/P	A/P CTN LT	22-10-02	3					
	L119	1	DA18	3	T4	A	AUTO BRKES	AUTO. BRK LT	32-42-03	2					
	L136	1	DA18	3	T4	A	ALT ALERT	ALT ALERT	34-16-01	1					
	L474	1	DL1	3	T1	A	L ENG OIL PRESS.	L OIL PRESSURE LT	79-00-01	1					
	L475	1	DR13	3	T4	A	R ENG OIL PRESS.	R OIL PRESSURE LT	79-00-01	1					
	L585	1	DB33	3	T7	W	INNER/AIRWAYS	CAPT INNER MKR BCN LT	34-32-01	1					
	L586	1	DB33	3	T7	A	MIDDLE	CAPT MIDDLE MKR BCN LT	34-32-01	1					
	L587	1	DB33	3	T7	B	OUTER	CAPT OUTER MKR BCN LT	34-32-01	1					
	L591	1	DA18	3	T4	A	A/T DISC.	A/T DISENG LT	22-30-02	1					
	L603	1	DA18	3	T4	A	FMC	FMC ANN LT	34-61-02	1					
	L605	1	DB25	3	T7	A	BRAKE SOURCE	BRK SOURCE PRESS. LT	32-41-01	1					
L716	1	DL6	3	T1	A	SPEED BRKES	SPEED BRKS LT	31-51-04	1						
M779	A1	DA36	A3	T7	R	FIRE	DISCRETE WARN DISPLAY LIGHT A (RIGHT SIDE)	26-11-01	2						
	A4	DA18	A6	T4	R	FIRE	DISCRETE WARN DISPLAY LIGHT A (LEFT SIDE)	26-11-01	2						
	B1	DA36	B3	T7	R	CONFIG	DISCRETE WARN DISPLAY LIGHT B (RIGHT SIDE)	31-51-03	1						
	B4	DA18	B6	T4	R	CONFIG	DISCRETE WARN DISPLAY LIGHT B (LEFT SIDE)	31-51-03	1						
	C1	DA36	C3	T7	R	PULL UP	DISCRETE WARN DISPLAY LIGHT C (RIGHT SIDE)	34-46-01	2						
	C4	DA6	C6	T1	R	PULL UP	DISCRETE WARN DISPLAY LIGHT C (LEFT SIDE)	34-46-01	2						
	D1	DA36	D3	T7	R	A/P DISC.	DISCRETE WARN DISPLAY LIGHT D (RIGHT SIDE)	22-10-02	3						
	D4	DA18	D6	T4	R	A/P DISC.	DISCRETE WARN DISPLAY LIGHT D (LEFT SIDE)	22-10-02	3						
	E4	DA6	E6	T1	R	CABIN ALT	DISCRETE WARN DISPLAY LIGHT E (RIGHT SIDE)	21-33-01	1						
	F1	DA36	F3	T7	R	OVSPD	DISCRETE WARN DISPLAY LIGHT F (RIGHT SIDE)	34-12-02	1						
	F4	DA18	F6	T4	R	OVSPD	DISCRETE WARN DISPLAY LIGHT F (LEFT SIDE)	34-12-02	1						
N8	N8	DL6	9	T1	W	ALT	CAPT ALT	34-16-01	D111	A					
	S16	13	DA6	14	T1	A	GND	G/S INHIBIT LT GND PROX SW	34-46-01	2					
	S547	18	DA6	17	T1	A	PROX G/S INHB VALVE	RSV BRKS AND STRG SEL SW	29-00-04	1					
P3-1	L652	1	DB26	3	T7	G	LEFT	L GEAR LT	32-61-01	2					
	L653	4	DR13	3	T7	G	RIGHT	R GEAR LT	32-61-01	2					
	L654	4	DB26	3	T7	G	NOSE	NOSE GEAR LT	32-61-01	2					
	L657	4	DR13	3	T7	A	GEAR	GEAR LT	32-61-01	4					
	L658	4	DR13	3	T7	A	DOORS	DOORS LT	32-61-01	6					
	L660	1	DR13	3	T7	A	TE	TE LT	27-58-03	1					
	L661	1	DR13	3	T7	A	LE CONFIG LT	LE CONFIG LT	27-88-01	2					
	L663	1	DL1	3	T1	W	BRAKE TEMP	BRK TEMP LT	32-46-01	1					
	L680	1	DB33	3	T7	R	WHL WELL FIRE (BLANK)	WHL WELL FIRE LT (SPARE)	26-17-01	1					
	L804	1	DL6	3	T1	A	TAIL SKID	TAIL SKID	32-71-01	1					
	P3-3	L588	1	DB33	3	T7	W	INNER/AIRWAYS	F/O INNER MKR BCN LT	34-32-01	1				
L589		1	DB33	3	T7	A	MIDDLE	F/O MIDDLE MKR BCN LT	34-32-01	1					
L590		1	DB33	3	T7	B	OUTER	F/O OUTER MKR BCN LT	34-32-01	1					
N48		11	DL6	9	T1	W	ALT	F/O ALT	34-16-01	D715	A				
P7	S507	13	DB26	14	T8	R	WARNING	CAPT MSTR WARN AND CAUTION LT SW	31-51-02	1					
	S508	18	DR21	17	T4	R	CAUTION	CAUTION	31-41-06	2					
	S508	13	DB30	14	T8	R	WARNING	F/O MSTR WARN AND CAUTION LT SW	31-51-02	1					
	S508	18	DR21	17	T4	R	CAUTION	CAUTION	31-41-06	2					
P8	S37	1	DB33	3	T7	R	L	L ENG FIRE SW (LOC ON M10443)	26-11-01	2	D836	C			
	S38	1	DB29	3	T8	R	R	R ENG FIRE SW (LOC ON M10443)	26-11-02	1	D862	C			
	S39	1	DB29	3	T8	R	APU	APU FIRE SW (LOC ON M10444)	26-15-01	1	D846	C			

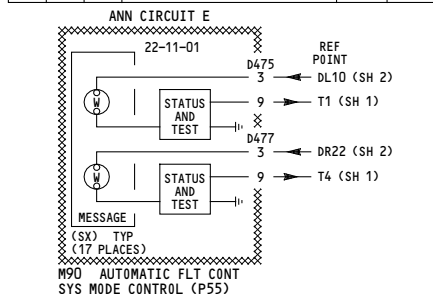
PNL	LT/SW	ANNUNCIATOR LIGHT							SYSTEM	SCHEM	S	CONN	K	C	T
		DIM		TEST		CAP									
		REF PIN	REF PIN	REF PIN	REF PIN	X	INSC								
P8	M10443(YEG)	ENGINE FIRE CONTROL PANEL													
	L1	1	DB29	3	T9	A	L ENG OVHT	FIRE DET	26-11-01	2	D10100	3	4	A	
	L2	1	DB29	3	T9	A	ENG BTL 1 DISCH	EXT	26-21-01	1	D10100	3	4	A	
	L4	1	DB33	3	T8	A	ENG OVHT	FIRE DET	26-11-02	1	D10102	3	4	A	
M10444(YD0)	APU/CARGO FIRE CONTROL PANEL														
	L1	1	DB29	3	T9	A	APU BTL	EXT	26-22-01	-	D866	3	4	A	
	S1	18	DB33	17	T8	R	FWD	CARGO FIRE	26-16-01	2	D864	3	4	A	
	S2	18	DB29	17	T9	R	AFT	CARGO FIRE	26-16-01	2	D866	3	4	A	
M10445(YEH)	FIRE/OVERHEAT TEST PANEL														
	S2	18	DB26	17	T8	A	FAIL P-RESET	SYS FAIL	26-11-01	2	D10104	3	4	A	
	LEFT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT														
	M76(-)	LEFT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT													
P9	RIGHT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT														
	M77(-)	RIGHT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT													
	M77(-)	RIGHT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT													
P10	FUEL CONTROL PANEL														
	L1	1	DB33	3	T7	A	SPAR VALVE	L ENG FUEL CONT	28-22-01	4	D1469	3	4	A	
	L2	1	DB33	3	T7	A	ENG VALVE	L ENG FUEL CONT	76-11-01	3	D1469	3	4	A	
P55	AUTOMATIC FLIGHT CONTROL SYSTEM MODE CONTROL PANEL														
	(SX)	DL10	DR22	T1	T4	W	(SEE SYS SCHEM FOR INDIVIDUAL SW)		22-10-01	-	D475	3	9	E	
	M91(-)	LEFT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL													
	S3	13	DB25	14	T8	W	AUTO. MAN.		34-51-01	-	D869	4	5	A	
	M92(-)	RIGHT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL													
	S3	13	DR21	14	T4	W	AUTO. MAN.		34-51-02	-	D871	4	5	A	



PNL	IND	CONN	NOMENCLATURE	SCHEM	S	REF POINT
P1-2	N4	D107	L ELEX ATTD DIR IND	34-22-05	2	D2
	N5	D109	L ELEX HORIZ SITUATION IND	34-22-05	2	D2
P2	N10013	D205	EICAS UPPER DSPL IND	31-41-05	2	D2
	N10014	D207	EICAS LOWER DSPL IND	31-41-06	2	D2
P3-2	N44	D807	R ELEX ATTD DIR IND	34-22-05	2	D1
	N45	D809	R ELEX HORIZ SITUATION IND	34-22-05	2	D1



SYMBOL GENERATOR				AIR/GND RELAY	
SHELF	GEN	CONN	NOMENCLATURE	RELAY	CONN
E1-2	M148	D425D	L ELEX FLT INSTR SYS SYM GEN	K177	D3534
E1-4	M149	D413D	L ELEX FLT INSTR SYS SYM GEN	K143	D3554
E1-5	M150	D375D	R ELEX FLT INSTR SYS SYM GEN	K149	D3516



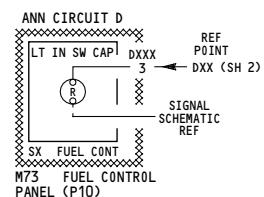
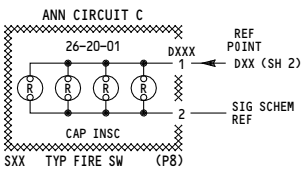
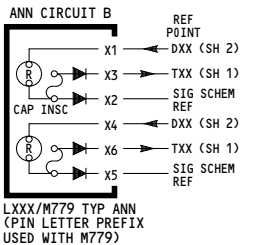
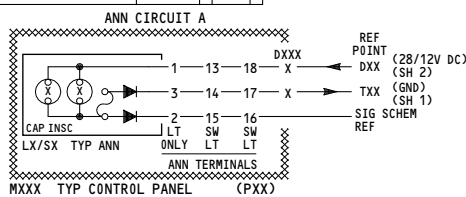
M90 AUTOMATIC FLT CONT SYS MODE CONTROL (P55)

NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF MD&T AND ARE SHOWN FOR REFERENCE ONLY

31 VB371-VB400 (231-233)

32 VK001-VK030 (234-236, 253-253, 264-269)

33 TABLE EFF FOR VB371-VB373 (231-233) ONLY.



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	D280T232

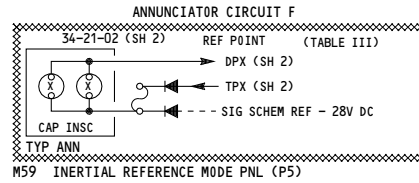
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SYSTEM ANNUNCIATOR LIGHTS												
P N L	LT/ SW	DIM LT PIN	TEST PT	CAP			SYSTEM	SCHEM	CONTROL PANEL			
				REF LT PIN	REF PT	C L R			INSCRIPTION	S H	CONN	DIM PIN
<b>P5 M10394(YDL) ANNUNCIATOR PANEL</b>												
L1	1	DR17	3	T5	A	ENTRY DOORS		52-70-01	1	D1678	3	4
L2	1	DR17	3	T5	A	EMER DOORS		52-70-01	2	D1678	3	4
L3	1	DR17	3	T5	A	CARGO DOORS		52-70-01	3	D1678	3	4
L4	1	DR17	3	T5	A	ACCESS DOORS		52-70-01	3	D1678	3	4
L5	1	DB33	3	T8	A	CAPT PITOT		30-31-01	1	D2890	3	4
L6	1	DR17	3	T5	A	F/O PITOT		30-31-01	1	D1678	3	4
L7	1	DB33	3	T8	A	L AOA		30-32-01	1	D2890	3	4
L8	1	DR17	3	T5	A	R AOA		30-32-01	1	D1678	3	4
L9	1	DR17	3	T5	A	L AUX PITOT		30-31-01	2	D1678	3	4
L10	1	DB33	3	T8	A	R AUX PITOT		30-31-01	2	D2890	3	4
L11	1	DL1	3	T2	A	TAT		30-33-01	1	D2888	3	4
L12	1	DR17	3	T5	W	---	SPARE	---	---	D1678	3	4
L13	1	DB33	3	T8	A	STAB. TRIM		27-40-01	5	D2890	3	4
L14	1	DB33	3	T8	A	SPOILERS		27-61-01	7	D2890	3	4
L15	1	DR17	3	T5	A	AUTO SPD BRK		27-62-01	2	D1678	3	4
L16	1	DB33	3	T8	W	---	SPARE	---	---	D2890	3	4
L17	1	DB33	3	T8	A	UNSCHEG. TRIM		27-40-01	5	D2890	3	4
L18	1	DB33	3	T8	A	RUDDER RATIO		27-20-02	2	D2890	3	4
L19	1	DB33	3	T8	A	ANTI SKID		52-42-04	2	D2890	3	4
L20	1	DB33	3	T8	A	AIL. LOCK		27-10-02	2	D2890	3	4
L21	1	DB33	3	T8	W	---	SPARE	---	---	D2890	3	4
L22	1	DL1	3	T2	A	PARK BRAKE VALVE		32-41-01	1	D2888	3	4
L23	1	DL1	3	T2	A	---	SPARE	---	---	D2888	3	4
L24	1	DB33	3	T8	A	---	SPARE	---	---	D2890	3	4
L25	1	DL1	3	T2	W	---	SPARE	---	---	D2888	3	4
L26	1	DL1	3	T2	W	---	SPARE	---	---	D2888	3	4
L27	1	DB33	3	T8	W	---	SPARE	---	---	D2890	3	4
L28	1	DR17	3	T5	W	---	SPARE	---	---	D1678	3	4
<b>M10395(YDM) WINDOW HEAT CONTROL PANEL</b>												
S1	18	DL6	17	T2	A	INOP	R SIDE WDO HT	30-41-01	1	D876	3	4
S2	18	DR17	17	T5	A	INOP	R FWD WDO HT	30-41-02	1	D878	3	4
S3	18	DL6	17	T2	A	INOP	L FWD WDO HT	30-41-01	1	D876	3	4
S4	18	DR17	17	T5	A	INOP	L SIDE WDO HT	30-41-02	1	D878	3	4
<b>M10397(YDN) WING AND ENGINE ANTI-ICE CONTROL PANEL</b>												
L1	1	DB25	3	T9	A	VALVE	L WG ANTI-ICE	30-11-01	1	D890	3	4
L2	1	DB30	3	T9	A	VALVE	R WG ANTI-ICE	30-11-01	1	D888	3	4
L3	1	DB30	3	T9	A	ICING	ENGINE	30-81-01	1	D888	3	4
S1	18	DB30	17	T9	A	VALVE	L ENG ANTI-ICE	30-21-01	1	D888	3	4
S2	18	DB25	17	T9	A	VALVE	R ENG ANTI-ICE	30-21-01	1	D890	3	4
<b>M10761 (YHW) EEC CONTROL MODULE</b>												
S1	18	DB33	17	T8	A	ALTN	L EEC	73-21-01	1	D2083	3	4
S2	18	DB31	17	T18	A	ALTN	R EEC	73-21-01	1	D2085	3	4
<b>P6 M1033(YDS) FLIGHT RECORDER CONTROL PANEL</b>												
L1	1	DL11	3	T11	W	OFF	FLIGHT REC	31-31-01	1	D493	3	4
<b>M1087(YDW) HYDRAULICS/GENERATOR FIELD CONTROL PANEL</b>												
S1	18	DR16	17	T14	A	OFF	WG R FLT CONT	27-00-01	1	D10114	3	4
S2	18	DR16	17	T14	A	OFF	TL R FLT CONT	27-00-01	2	D10114	3	4
S3	18	DL8	17	T11	A	OFF	WG C FLT CONT	27-00-01	1	D10112	3	4
S4	18	DL8	17	T11	A	OFF	TL C FLT CONT	27-00-01	2	D10112	3	4
S5	18	DL4	17	T11	A	OFF	WG L FLT CONT	27-00-01	1	D10110	3	4
S6	18	DL4	17	T11	A	OFF	TL L FLT CONT	27-00-01	2	D10110	3	4
S7	18	DB28	17	T18	W	FIELD OFF	R GEN	24-20-02	1	D10112	13	14
S8	18	DB28	17	T18	W	FIELD OFF	APU GEN	24-20-03	1	D10112	13	14
S9	18	DB28	17	T18	W	FIELD OFF	L GEN	24-20-01	1	D10112	13	14
<b>M1216(YER) RESERVE BRAKES &amp; STEERING PANEL</b>												
L1	1	DL8	3	T11	W	ISLN	C HYD SYS	29-00-04	1	D10732	3	4
<b>L755 FWD LAV OCCUPIED LT</b>												
-	1	DL11	3	TL11	W	FWD LAV OCCUP	FWD LAV	33-26-21	-	-	1	3



NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF MD&T AND ARE SHOWN FOR REF ONLY.  
ALL ANNUNCIATORS ON THIS SHEET ARE PER ANN CIRCUIT A (SEE SH 3) EXCEPT WHERE NOTED.

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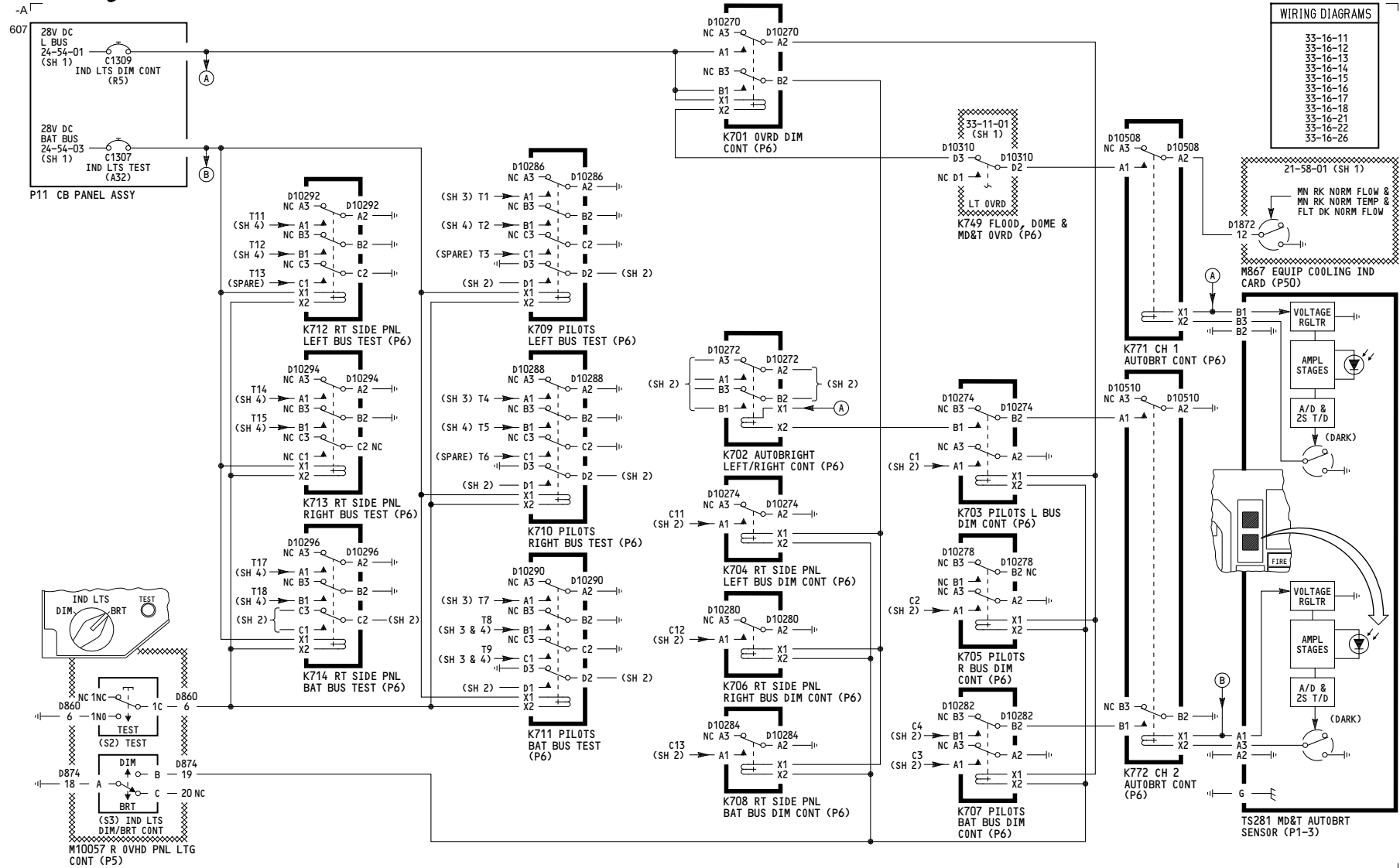
MASTER DIM AND TEST

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WIRING DIAGRAMS	
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33-16-12	
33-16-13	
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33-16-18	
33-16-21	
33-16-22	
33-16-26	

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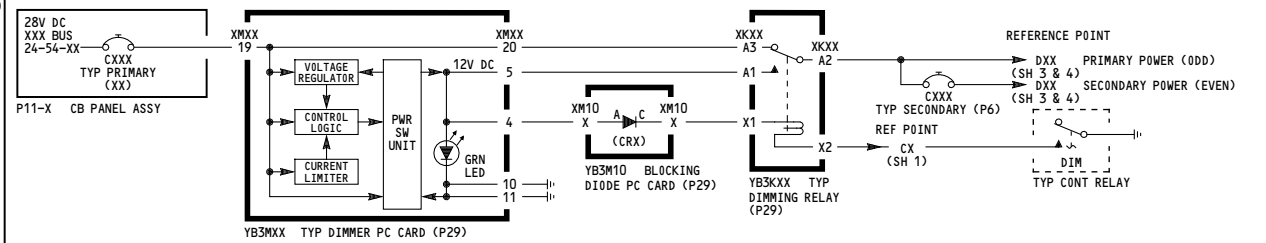
**MASTER DIM AND TEST**

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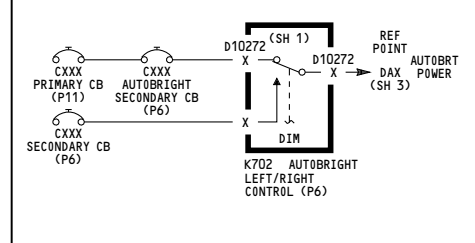
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TABLE I - TYP ANNUCIATOR BRIGHT/DIM CIRCUIT



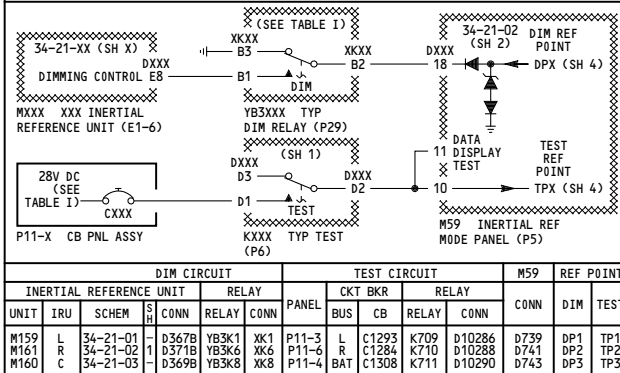
PRIMARY CIRCUIT BREAKER				DIMMER PC CARD				DIODE		DIMMING RELAY				CONT RLY		SECONDARY CIRCUIT BREAKER				REF POINT		
CB	GRID LOC	P/NL	NOMENCLATURE	BUS	SCHEM	SH	CARD	CONN	NOMENCLATURE	(CR)	TERM A	TERM C	RELAY	CONN	NOMENCLATURE	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR
C1293	R1	P11-3	IND LTS L1	L	24-54-01		YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1	NONE
C1297	R2		IND LTS L2				YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5	DL6
C1298	R3		IND LTS L3				YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9	DL10
C1273	R28	P11-6	IND LTS R1	R	24-54-02		YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13	NONE
C1274	R29		IND LTS R2				YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 K29	K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR15	DR16
C1284	R30		IND LTS R3				YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR17	DR18
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03		YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25	DB26
C1308	A34		IND LTS 2				YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29	DB30
C1200	A35		IND LTS 3				YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33	NONE

TABLE II - TYP ANNUCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT



(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY			AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT	
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6	
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18	
---	---	---	---	---	---	---	---	(DA36)	

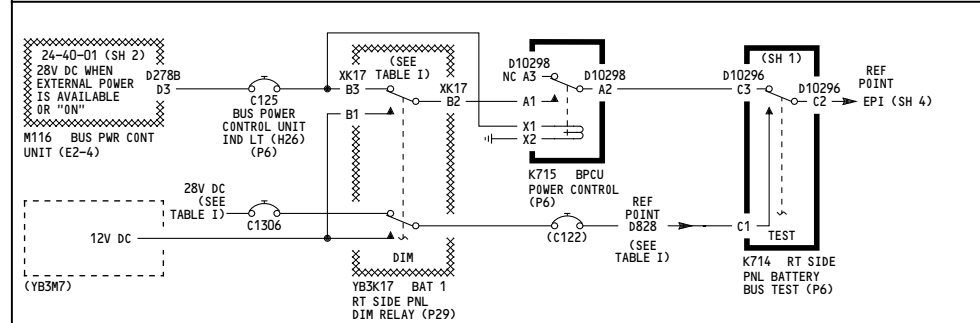
TABLE III - M59 PANEL ANNUCIATOR DIM/TEST CIRCUITS



DIM CIRCUIT				TEST CIRCUIT				M59		REF POINT	
UNIT	IRU	SCHEM	SH	CONN	RELAY	CONN	PANEL	CONN	DIM	TEST	
M159	L	34-21-01	1	D367B	YB3K1	XK1	P11-3	L	C1293	D10286	
M161	R	34-21-02	1	D371B	YB3K6	XK6	P11-6	R	C1284	D10288	
M160	C	34-21-03	1	D369B	YB3K8	XK8	P11-4	BAT	C1308	D10290	

BRIGHT/DIM POWER DISTRIBUTION

TABLE IV - EXTERNAL POWER ANNUCIATOR (AVAIL/ON) POWER/DIM CIRCUIT



NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

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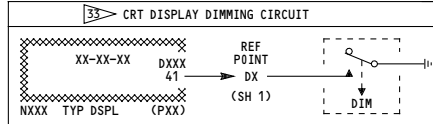
MASTER DIM AND TEST

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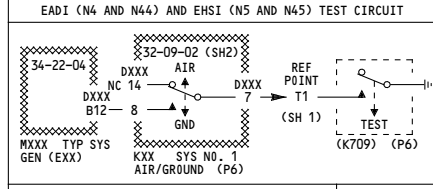
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PNL	IND/ LT/ SW	SYSTEM ANNUNCIATOR LIGHTS										SCHEM	S	CONN	K	C	T		
		ANNUNCIATOR LIGHT					EQUIPMENT NOMENCLATURE	SCHEM	S	CONN	K							C	T
		DIM	TEST	CAP	INSC	INSC													
P1-3	L19 L119 L136	1 DA18 1 DA18 1 DA18	3 T4 3 T4 3 T4	A A A	A/P AUTO BRKES ALT ALERT	A/P CTN LT AUTO. BRK LT ALT ALERT	22-10-02 32-42-03 34-16-01	3 2 1	— — —	— — —	— — —	— — —	— — —	— — —	— — —	— — —			
P1-3	L474 L475 L585 L586 L587 L591 L603 L605 L716 M779	1 DL1 1 DR13 1 DB33 1 DB33 1 DB33 1 DA18 1 DA18 1 DB25 1 DL6	3 T1 3 T4 3 T7 3 T7 3 T7 3 T4 3 T4 3 T7 3 T1	A A A A A A A A A	L ENG OIL PRESS. R ENG OIL PRESS. W INNER/AIRWAYS MIDDLE OUTER A/T DISC. FMC BRAKE SOURCE SPEED BRAKES	L OIL PRESSURE LT R OIL PRESSURE LT CAPT INNER MKR BCN LT CAPT MIDDLE MKR BCN LT CAPT OUTER MKR BCN LT A/T DISCENG LT FMC ANN LT BRK SOURCE PRESS. LT SPEED BRKS LT	79-00-01 79-00-01 34-32-01 34-32-01 34-32-01 22-30-02 34-61-02 32-41-01 31-51-04	1 1 — — — 1 1 1 1	— — — — — — — — —	— — — — — — — — —	— — — — — — — — —	— — — — — — — — —	— — — — — — — — —	— — — — — — — — —	— — — — — — — — —	— — — — — — — — —			
P1-3	A1 A4 B1 B4 C1 C4 D1 D4 E4 F1 F4 N8 S16 S547	DA36 DA18 DA18 DA36 DA6 DA6 DA18 DA6 DA18 DL6	A3 A6 B3 B6 C3 C6 D3 D6 E6 F3 F6 9 14 17	T7 T4 T7 T4 T7 T7 T4 T4 T7 T7 T1 T1 T1 T7	R R R R R R R R R R R W A A	DISCRETE WARN DISPLAY LIGHT A (RIGHT SIDE) LIGHT B (RIGHT SIDE) LIGHT C (RIGHT SIDE) LIGHT D (RIGHT SIDE) LIGHT E (RIGHT SIDE) LIGHT F (RIGHT SIDE) CAPT ALTM G/S INHIBIT LT GND PROX SW RSV BRKS AND STRG SEL SW	26-11-01 31-51-03 34-46-01 22-10-02 21-33-01 34-12-02 34-16-01 34-46-01 29-00-04	2 — 2 3 — — — 1 2 1	— — — — — — — — — — — — — —	— — — — — — — — — — — — — —	— — — — — — — — — — — — — —	— — — — — — — — — — — — — —	— — — — — — — — — — — — — — —	— — — — — — — — — — — — — — —	— — — — — — — — — — — — — — —				
P3-1	L652 L653 L654 L657 L658 L660 L663 L680 L804 L804	1 DB26 4 DR13 1 DB26 4 DR13 1 DB26 4 DR13 1 DB26 4 DR13 1 DR13 L661 1 DL1 1 DB33 1 DL6 1 DL6	3 T7 6 T4 3 T7 6 T4 3 T7 6 T4 3 T7 6 T4 3 T4 T4 T1 T7 T1 T1	G G G A A A A A A A A A A	LEFT RIGHT NOSE GEAR DOORS TE LE CONFIG LT BRAKE TEMP WHL WELL FIRE (BLANK) TAIL SKID	L GEAR LT R GEAR LT NOSE GEAR LT GEAR LT DOORS LT TE LT LE CONFIG LT BRK TEMP LT WHL WELL FIRE LT (SPARE)	32-61-01 32-61-01 32-61-01 32-61-01 32-61-01 27-58-03 27-88-01 32-46-01 26-17-01 32-71-01	2 2 2 4 6 — 2 — — — —	— — — — — — — — — — —	— — — — — — — — — — —	— — — — — — — — — — —	— — — — — — — — — — —	— — — — — — — — — — —	— — — — — — — — — — —	— — — — — — — — — — —	— — — — — — — — — — —			
P3-3	L588 L589 L590 N48	1 DB33 1 DB33 1 DB33 1 DL6	3 T7 3 T7 3 T7 9 T7	W A B W	INNER/AIRWAYS MIDDLE OUTER ALT	F/O INNER MKR BCN LT F/O MIDDLE MKR BCN LT F/O OUTER MKR BCN LT F/O ALTM	34-32-01 34-32-01 34-32-01 34-16-01	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —			
P7	S507 S508 S508	13 DB26 18 DL9 13 DB30 18 DR21	14 T8 17 T1 14 T8 17 T4	R A R A	WARNING CAUTION WARNING CAUTION	CAPT MSTR WARN AND CAUTION LT SW F/O MSTR WARN AND CAUTION LT SW	31-51-02 31-41-06 31-51-02 31-41-06	2 2 2 2	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —	— — — —			
P8	S37 S38 S39	1 DB33 1 DB29 1 DB29	— — —	R R R	L R APU	L ENG FIRE SW (LOC ON M10443) R ENG FIRE SW (LOC ON M10443) APU FIRE SW (LOC ON M10444)	26-11-01 26-11-02 26-15-01	2 2 1	D836 D862 D846	C C C	— — —	— — —	— — —	— — —	— — —	— — —			

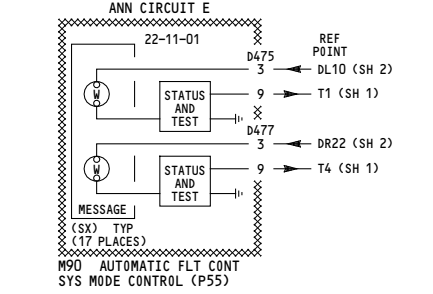
PNL	LT/ SW	SYSTEM ANNUNCIATOR LIGHTS										SCHEM	S	CONN	K	C	T			
		ANNUNCIATOR LIGHT					SYSTEM	SCHEM	S	CONN	DIM							TEST	P	IN
		DIM	TEST	CAP	INSC	INSC														
P8	M10443(YEG)	L1 L2 L3 L4	1 DB29 1 DB29 1 DB33 1 DB33	3 T9 3 T9 3 T8 3 T8	A A A A	ENGINE FIRE CONTROL PANEL L ENG OVHT ENG BTL 1 DISCH ENG BTL 2 DISCH R ENG OVHT	FIRE DET EXT EXT FIRE DET	26-11-01 26-21-01 26-21-01 26-11-02	2 2 2 2	D10100 D10100 D10102 D10102	3 3 3 3	4 4 4 4	A A A A	— — — —	— — — —	— — — —	— — — —			
	M10444(YD0)	L1 L2 L3 S2 S3	1 DB29 18 DB33 18 DB29 18 DB33	3 T9 17 T8 17 T9 17 T8	A R R A	APU/CARGO FIRE CONTROL PANEL APU BTL CARGO FIRE CARGO FIRE CAP BTL DISCH	EXT CARGO FIRE CARGO FIRE CAP BTL DISCH	26-22-01 26-16-01 26-16-01 26-23-01	2 2 2 1	D866 D864 D866 D864	3 3 3 3	4 4 4 4	A A A A	— — — —	— — — —	— — — —	— — — —			
	M10445(YEH)	S2	18 DB26	17 T8	A	FIRE/OVERHEAT TEST PANEL FAIL P-RESET	SYS FAIL	26-11-01	2	D10104	3	4	A	—	—	—	—			
P9	M76(-)	—	DB25	—	T7	LEFT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT	—	34-61-02	2	D465	27	23	—	—	—	—	—			
	M77(-)	—	DR21	—	T4	RIGHT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT	—	34-61-04	—	D467	27	23	—	—	—	—	—			
P10	L800	1 DB29	3 T7	W	PARK BRAKE SET	—	—	32-41-01	1	—	—	—	A	—	—	—	—			
	M73(YAZ)	L1 L2 L3 L4 L5 S1 S2 S3	1 DB33 1 DB33 1 DB29 1 DB29 1 DB29 — — —	3 T7 3 T7 3 T7 3 T7 3 T7 — — —	A A A A A — — —	FUEL CONTROL PANEL SPAR VALVE ENG VALVE SPAR VALVE ENG VALVE REV ISLN L ENG FUEL FIRE R ENG FUEL FIRE	L ENG FUEL CONT L ENG FUEL CONT R ENG FUEL CONT R ENG FUEL CONT FUEL CONT L ENG FUEL FIRE R ENG FUEL FIRE	28-22-01 76-11-01 28-22-01 28-22-01 78-36-01 26-11-01 26-11-02	4 3 3 3 1 3 3	D1469 D1469 D1471 D1471 D1471 D1469 D1471	3 3 3 3 3 3 3	4 4 4 4 4 4 4	A A A A A D D	— — — — — — —	— — — — — — —	— — — — — — —				
P55	M90(-)	(SX)	DL10 DR22	— —	T1 T4	W W	AUTOMATIC FLIGHT CONTROL SYSTEM MODE CONTROL PANEL (SEE SYS SCHEM FOR INDIVIDUAL SW)	22-10-01 22-10-01	— —	D475 D477	3 3	9 9	E E	— —	— —	— —	— —			
	M91(-)	S3	13 DB25 18 DB25	14 T8 17 T8	W W	AUTO. MAN.	LEFT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL	34-51-01 34-51-01	— —	D869 D869	4 4	5 5	A A	— —	— —	— —	— —			
	M92(-)	S3	13 DR21 18 DR21	14 T4 17 T4	W W	AUTO. MAN.	RIGHT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL	34-51-02 34-51-02	— —	D871 D871	4 4	5 5	A A	— —	— —	— —	— —			



PNL	IND	CONN	NOMENCLATURE	SCHEM	S	REF POINT
P1-2	N4 N5	D107 D109	L ELEX ATTD DIR IND L ELEX HORIZ SITUATION IND	34-22-05 34-22-05	2 2	D2 D2
P2	N10013 N10014	D205 D207	EICAS UPPER DSPL IND EICAS LOWER DSPL IND	31-41-05 31-41-06	2 2	D2 D2
P3-2	N44 N45	D807 D809	R ELEX ATTD DIR IND R ELEX HORIZ SITUATION IND	34-22-05 34-22-05	2 2	D1 D1



SYMBOL GENERATOR				AIR/GND RELAY	
SHELF	GEN	CONN	NOMENCLATURE	RELAY	CONN
E1-2	M148	D425D	L ELEX FLT INSTR SYS SYM GEN	K177	D3534
E1-4	M149	D413D	L ELEX FLT INSTR SYS SYM GEN	K143	D3554
E1-5	M150	D373D	R ELEX FLT INSTR SYS SYM GEN	K149	D3516

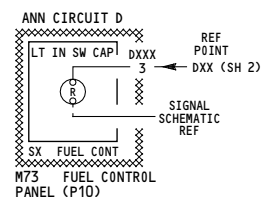
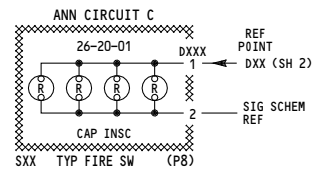
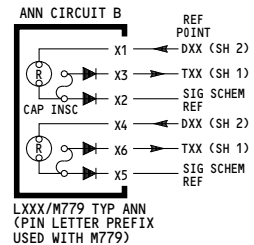
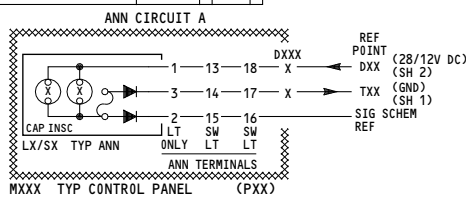


NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF M&T AND ARE SHOWN FOR REFERENCE ONLY

31 VB371-VB400 (231-233)

32 VK001-VK030 (234-236, 253-253, 264-269)

33 TABLE EFF FOR VB371-VB373 (231-233) ONLY.



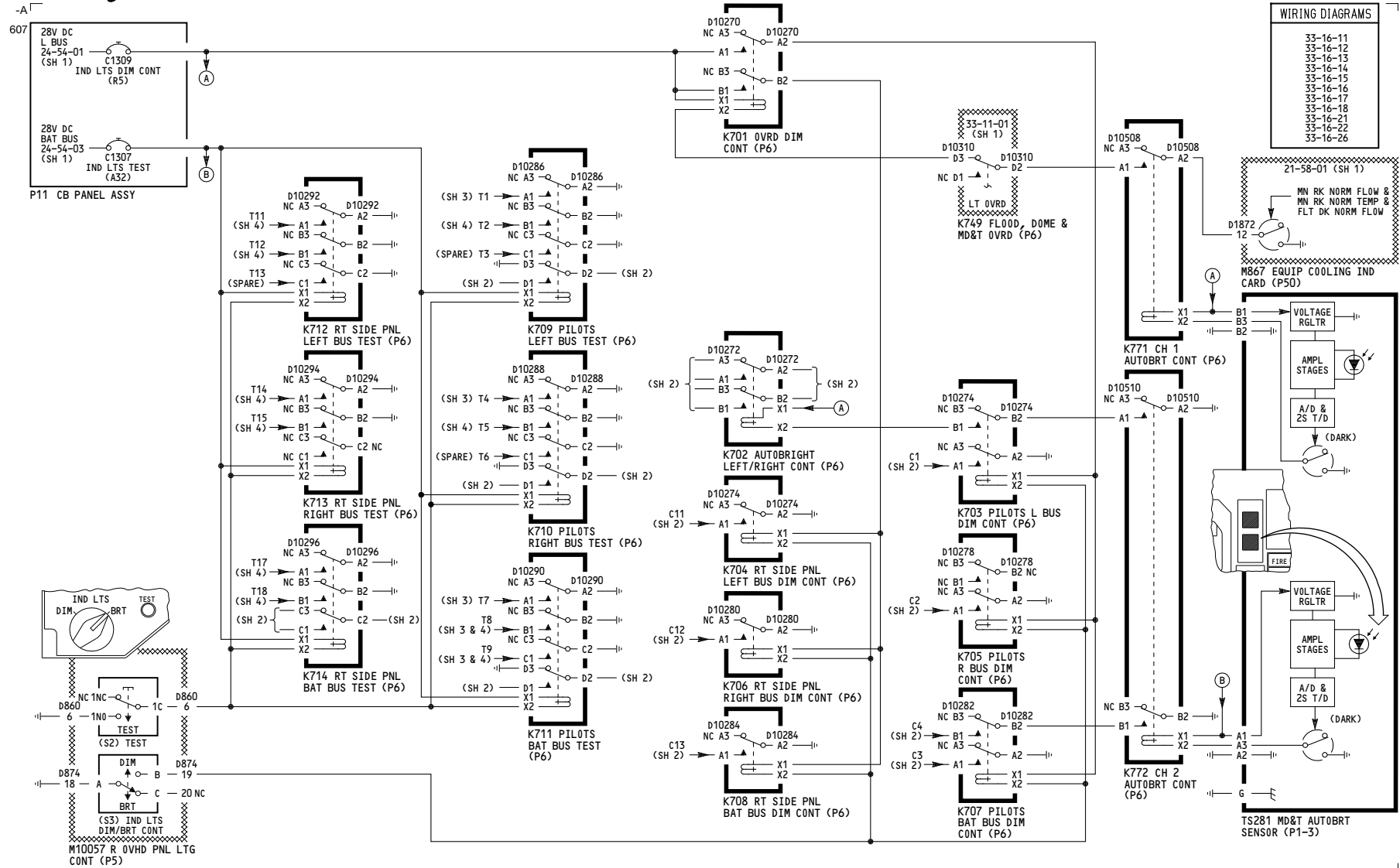
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## MASTER DIM AND TEST

D280T232

**33-16-01**





**WIRING DIAGRAMS**

33-16-11
33-16-12
33-16-13
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33-16-21
33-16-22
33-16-26

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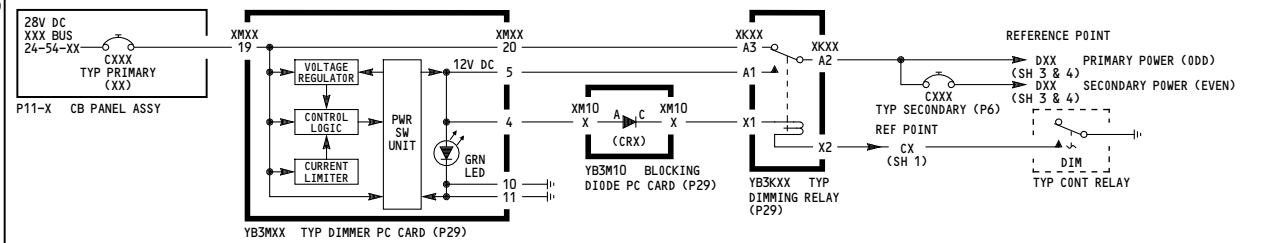
**MASTER DIM AND TEST**

D280T232

**33-16-01**

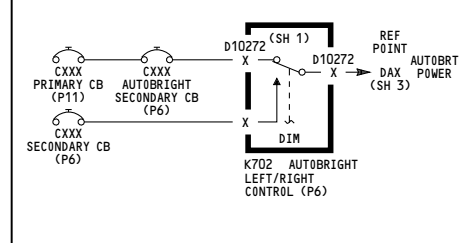
619

**TABLE I - TYP ANNUCIATOR BRIGHT/DIM CIRCUIT**



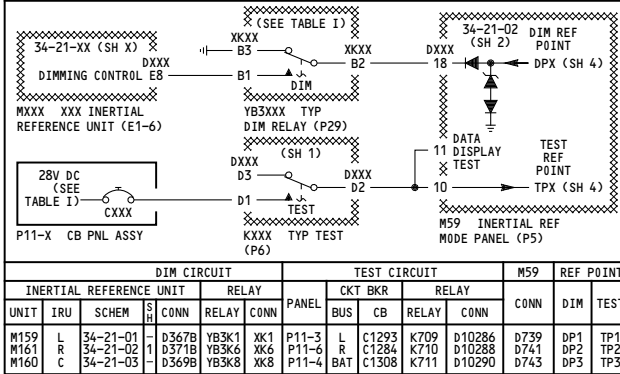
PRIMARY CIRCUIT BREAKER				DIMMER PC CARD				DIODE		DIMMING RELAY				CONT RLY		SECONDARY CIRCUIT BREAKER				REF POINT		
CB	GRID LOC	PNL	NOMENCLATURE	BUS	SCHEM	SH	CARD	CONN	NOMENCLATURE	(CR)	TERM A	TERM C	RELAY	CONN	NOMENCLATURE	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR
C1293	R1	P11-3	IND LTS L1	L	24-54-01		YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1 DL3	NONE DL4
C1297	R2		IND LTS L2				YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5 DL7	DL6 DL8
C1298	R3		IND LTS L3				YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9 DL11	DL10 NONE
C1273	R28	P11-6	IND LTS R1	R	24-54-02		YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13 DR15	NONE DR16
C1274	R29		IND LTS R2				YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 K29	K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR17 DR19	DR18 DR20
C1284	R30		IND LTS R3				YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR21 NONE	DR22 NONE
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03		YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25 DB27	DB26 DB28
C1308	A34		IND LTS 2				YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29 DB31	DB30 DB32
C1200	A35		IND LTS 3				YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33 NONE	DA36 NONE

**TABLE II - TYP ANNUCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT**



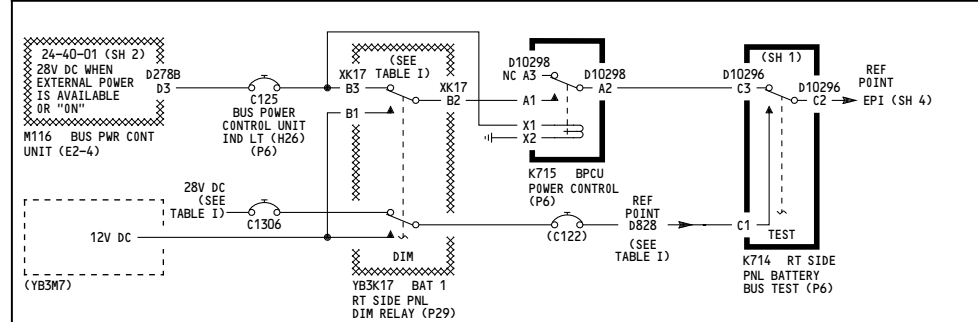
(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY			AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT	
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6	
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18	
---	---	---	---	---	---	---	---	(DA36)	

**TABLE III - M59 PANEL ANNUCIATOR DIM/TEST CIRCUITS**



BRIGHT/DIM POWER DISTRIBUTION

**TABLE IV - EXTERNAL POWER ANNUCIATOR (AVAIL/ON) POWER/DIM CIRCUIT**



NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

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**MASTER DIM AND TEST**

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PNL	IND/ LT/ SW	SYSTEM ANNUNCIATOR LIGHTS										SCHEM	S	CONN	K	C	T			
		ANNUNCIATOR LIGHT					EQUIPMENT NOMENCLATURE	EQUIPMENT NOMENCLATURE	SCHEM	S	CONN							K	C	T
		DIM	TEST	CAP																
P1-3	L19 L119 L136	1 DA18 1 DA18 1 DA18	3 T4 3 T4 3 T4	A A A	A/P AUTO BRKES ALT ALERT	A/P CTN LT AUTO. BRK LT ALT ALERT LT	22-10-02 32-42-03 34-16-01	2 2 1	— — —	A A A										
	L474 L475 L585 L586 L587 L591 L603 L605 L716 M779	1 DL1 1 DR13 1 DB33 1 DB33 1 DB33 1 DA18 1 DA18 1 DB25 1 DL6	3 T1 3 T4 3 T7 3 T7 3 T7 3 T4 3 T4 3 T7 3 T1	A A A A A A A A A	L ENG OIL PRESS. R ENG OIL PRESS. W INNER/AIRWAYS MIDDLE OUTER A/T DISC. FMC BRAKE SOURCE SPEED BRAKES	L OIL PRESSURE LT R OIL PRESSURE LT CAPT INNER MKR BCN LT CAPT MIDDLE MKR BCN LT CAPT OUTER MKR BCN LT A/T DISCENG LT FMC ANN LT BRK SOURCE PRESS. LT SPEED BRKS LT	79-00-01 79-00-01 34-32-01 34-32-01 34-32-01 22-30-02 34-61-02 32-41-01 31-51-04	1 1 — — — 1 1 1 1	— — — — — — — — —	A A A A A A A A A										
	A1 A4 B1 B4 C1 C4 D1 D4 E4 F1 F4 N8 S16 S547	DA36 DA18 DA18 DA36 DA6 DA6 DA18 DA6 DA6 DA18 DL6	A3 A6 B3 B6 C3 C6 D3 D6 E6 F3 F6 9	T7 T4 T7 T4 T7 T7 T7 T4 T4 T7 T1	R R R R R R R R R R R W	DISCRETE WARN DISPLAY LIGHT A (RIGHT SIDE) LIGHT B (LEFT SIDE) LIGHT C (LEFT SIDE) LIGHT C (RIGHT SIDE) LIGHT D (LEFT SIDE) LIGHT E (RIGHT SIDE) LIGHT F (LEFT SIDE) LIGHT F (RIGHT SIDE) CAPT ALTM	26-11-01 31-51-03 34-46-01 22-10-02 21-33-01 34-12-02 34-16-01	2 — 2 3 — — — — 1	— — — — — — — — —	B B B B B B B A										
	P3-1	L652 L653 L654 L657 L658 L660 L663 L680 L804 L804	1 DB26 4 DR13 1 DB26 4 DR13 1 DB26 4 DR13 1 DB26 4 DR13 1 DR13 1 DR13 1 DL1 1 DB33 1 DL6 1 DL6	3 T7 6 T4 3 T7 6 T4 3 T7 6 T4 3 T7 6 T4 3 T4 3 T4 3 T1 3 T7 3 T1 3 T1	G G G A A A A A A A A A A	LEFT RIGHT NOSE GEAR DOORS TE LT LE CONFIG LT BRK TEMP WHL WELL FIRE (BLANK) TAIL SKID	L GEAR LT R GEAR LT NOSE GEAR LT GEAR LT DOORS LT TE LT LE CONFIG LT BRK TEMP LT WHL WELL FIRE LT (SPARE)	32-61-01 32-61-01 32-61-01 32-61-01 32-61-01 27-58-03 27-88-01 32-46-01 26-17-01 32-71-01	2 2 2 4 6 — 2 — — — —	— — — — — — — — — —	B B B B B A A A A A									
	P3-3	L588 L589 L590 N48	1 DB33 1 DB33 1 DB33 1 DL6	3 T7 3 T7 3 T7 9 T7	W A B W	INNER/AIRWAYS MIDDLE OUTER ALT	F/O INNER MKR BCN LT F/O MIDDLE MKR BCN LT F/O OUTER MKR BCN LT F/O ALTM	34-32-01 34-32-01 34-32-01 34-16-01	— — — —	— — — —	A A A A									
	P7	S507 L18 L18 S508 L18 DR21	13 DB26 DL9 DB30 DB30 DR21	14 T8 17 T1 14 T8 14 T8 17 T4	R A R R A	WARNING CAUTION WARNING CAUTION	CAPT MSTR WARN AND CAUTION LT SW F/O MSTR WARN AND CAUTION LT SW	31-51-02 31-41-06 31-51-02 31-41-06	— 2 — 2	— — — —	A A A A									
	P8	S37 S38 S39	1 DB33 1 DB29 1 DB29	— — —	R R R	L R APU	L ENG FIRE SW (LOC ON M10443) R ENG FIRE SW (LOC ON M10443) APU FIRE SW (LOC ON M10444)	26-11-01 26-11-02 26-15-01	2 2 1	DB836 DB862 DB846	C C C									

NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF MD&T AND ARE SHOWN FOR REFERENCE ONLY

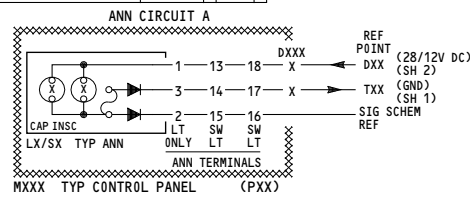
31 VB371-VB400 (231-233)

32 VK001-VK030 (234-236, 253-253, 264-269)

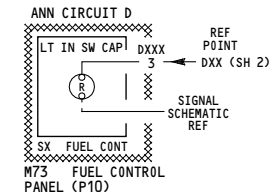
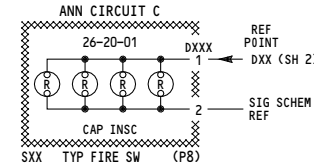
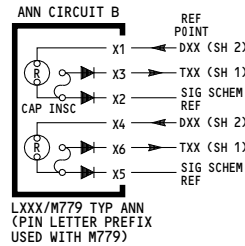
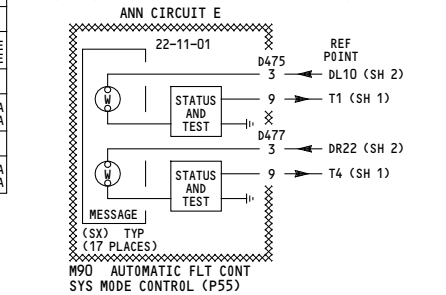
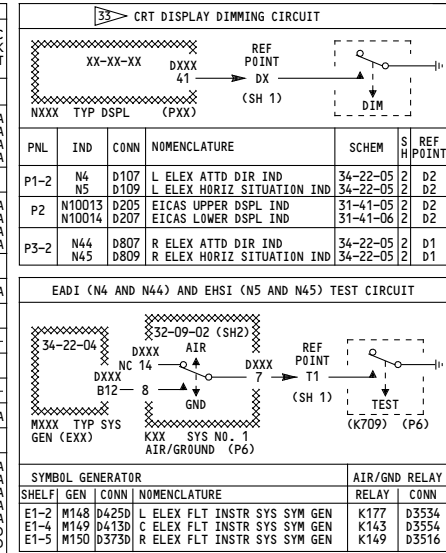
33 TABLE EFF FOR VB371-VB373 (231-233) ONLY.

42 L474 & L475 DIM REF PNT IS DB25 FOR VB374-VB400, VK009-VK020, VK023-VK030

43 L474 & L475 TEST REF PNT IS T7 FOR VB374-VB400, VK009-VK020, VK023-VK030



PNL	LT/ SW	SYSTEM ANNUNCIATOR LIGHTS										SCHEM	S	CONN	K	C	T		
		ANNUNCIATOR LIGHT					SYSTEM	SCHEM	S	CONN	DIM							TEST	CAP
		DIM	TEST	CAP															
P8	M10443(YEG)	L1 L2 L3 L4	1 DB29 1 DB29 1 DB33 1 DB33	3 T9 3 T9 3 T8 3 T8	A A A A	ENGINE FIRE CONTROL PANEL L ENG OVHT ENG BTL 1 DISCH ENG BTL 2 DISCH R ENG OVHT	FIRE DET EXT EXT FIRE DET	26-11-01 26-21-01 26-21-01 26-11-02	2 2 2 2	D10100 D10100 D10102 D10102	3 3 3 3	4 4 4 4	A A A A						
	M10444(YD0)	L1 L2 L3 S2 S3	1 DB29 18 DB33 18 DB29 18 DB33	3 T9 T8 T7 T8	A R R A	APU/CARGO FIRE CONTROL PANEL APU BTL CARGO FIRE CARGO FIRE CAP BTL DISCH	EXT EXT EXT CAP BTL DISCH	26-22-01 26-16-01 26-16-01 26-23-01	— 2 2 1	D866 D864 D866 D864	3 3 3 3	4 4 4 4	A A A A						
	M10445(YEH)	S2	18 DB26	17 T8	A	FAIL P-RESET	SYS FAIL	26-11-01	2	D10104	3	4	A						
P9	M76(-)	LEFT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT										26-11-01	2	D10104	3	4	A		
	M77(-)	RIGHT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT										34-61-02	2	D465	27	23	—		
P10	L800	1 DB29	3 T7	W		PARK BRAKE SET		32-41-01	1	—	—	—	A						
	M73(YAZ)	L1 L2 L3 L4 L5 S1 S2	1 DB33 1 DB33 1 DB29 1 DB29 1 DB29 — —	3 T7 3 T7 3 T7 3 T7 3 T7 — —	A A A A A — —	FUEL CONTROL PANEL SPAR VALVE ENG VALVE SPAR VALVE ENG VALVE REV ISLN FUEL FIRE R ENG FIRE	L ENG FUEL CONT L ENG FUEL CONT R ENG FUEL CONT R ENG FUEL CONT FUEL CONT L ENG FIRE R ENG FIRE	28-22-01 76-11-01 28-22-01 28-22-01 78-36-01 26-11-01 26-11-02	4 3 3 3 1 3 3	D1469 D1469 D1471 D1471 D1471 D1469 D1471	3 3 3 3 3 3 3	4 4 4 4 4 4 4	A A A A A D D						
P55	M90(-)	AUTOMATIC FLIGHT CONTROL SYSTEM MODE CONTROL PANEL										22-10-01	—	D475	3	9	E		
	M91(-)	LEFT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL										22-10-01	—	D477	3	9	E		
	M92(-)	RIGHT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL										34-51-01	—	D869	4	5	A		



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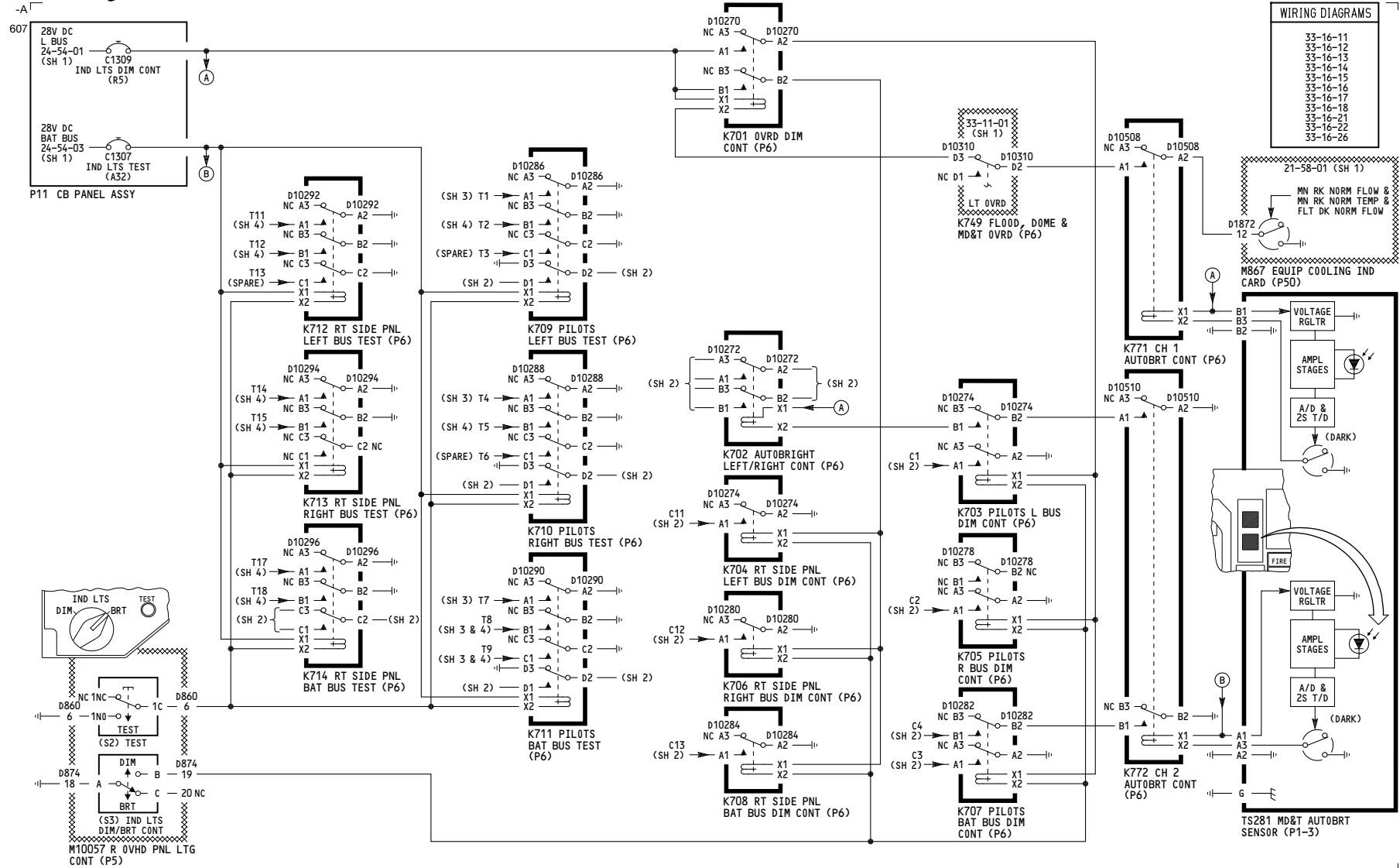
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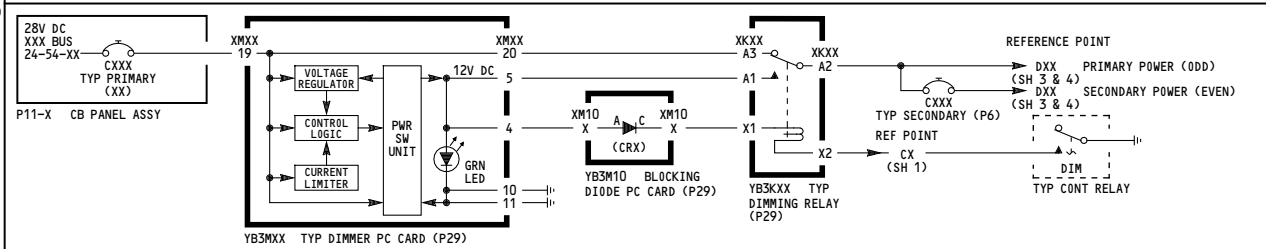
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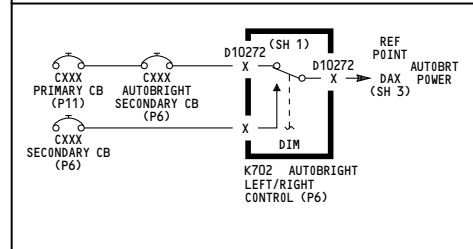
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**TABLE I - TYP ANNUNCIATOR BRIGHT/DIM CIRCUIT**



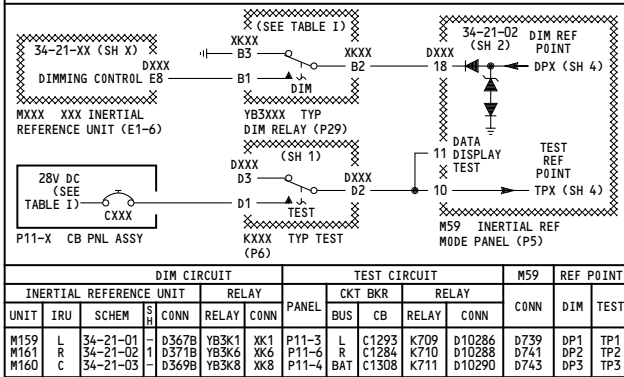
**TABLE II - TYP ANNUNCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT**



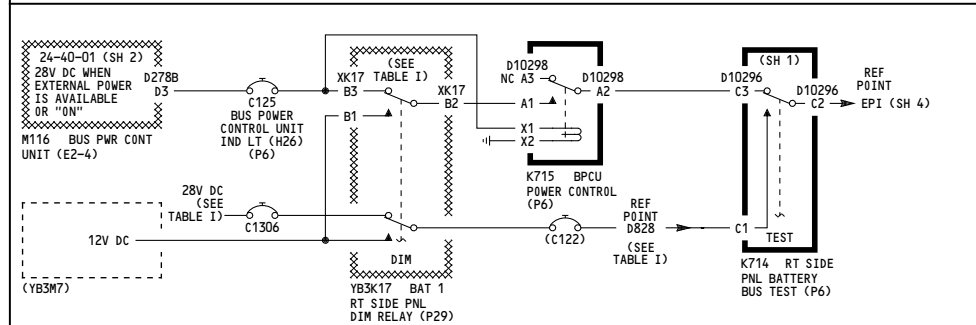
PRIMARY CIRCUIT BREAKER				DIMMER PC CARD				DIODE		DIMMING RELAY				CONT RLY		SECONDARY CIRCUIT BREAKER				REF POINT	
CB	GRID LOC	PNL	NOMENCLATURE	BUS	SCHEM	CARD	CONN	NOMENCLATURE	(CR)	TERM A	TERM C	RELAY	CONN	NOMENCLATURE	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR
C1293	R1	P11-3	IND LTS L1	L	24-54-01	YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1 DL3	NONE DL4
C1297	R2		IND LTS L2			YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5 DL7	DL6 DL8
C1298	R3		IND LTS L3			YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9 DL11	DL10 NONE
C1273	R28	P11-6	IND LTS R1	R	24-54-02	YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13 DR15	NONE DR16
C1274	R29		IND LTS R2			YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 C120	K29 K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR17 DR19	DR18 DR20
C1284	R30		IND LTS R3			YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR21 NONE	DR22 NONE
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03	YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25 DB27	DB26 DB28
C1308	A34		IND LTS 2			YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29 DB31	DB30 DB32
C1200	A35		IND LTS 3			YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33 NONE	DA36 NONE

(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY		AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18
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**TABLE III - M59 PANEL ANNUNCIATOR DIM/TEST CIRCUITS**



**TABLE IV - EXTERNAL POWER ANNUNCIATOR (AVAIL/ON) POWER/DIM CIRCUIT**



NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

BRIGHT/DIM POWER DISTRIBUTION

DIM CIRCUIT		TEST CIRCUIT				M59		REF POINT						
INERTIAL REFERENCE UNIT	RELAY	PANEL	CKT BKR	RELAY	RELAY	CONN	DIM	TEST						
UNIT	IRU	SCHEM	S	CONN	RELAY	CONN								
M159	L	34-21-01	1	D367B	YB3K1	XK1	P11-3	L	C1293	K709	D10286	D739	DP1	TP1
M161	R	34-21-02	1	D371B	YB3K6	XK6	P11-6	R	C1284	K710	D10288	D741	DP2	TP2
M160	C	34-21-03	1	D369B	YB3K8	XK8	P11-4	BAT	C1308	K711	D10290	D743	DP3	TP3

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**MASTER DIM AND TEST**

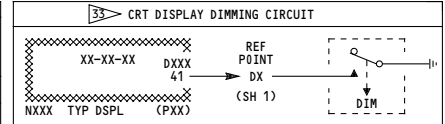
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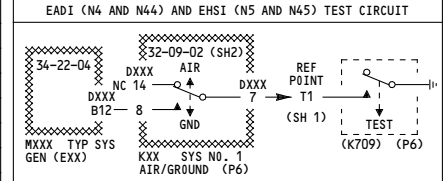
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PNL	IND/ LT/ SW	ANNUNCIATOR LIGHT					EQUIPMENT NOMENCLATURE	SCHEM	S	H	C	K	T
		DIM	TEST	CAP									
				REF PIN	REF PIN	INSC							
P1-3	L19	1	DA18	3	T4	A	A/P	22-10-02	3	—	—	A	
	L119	1	DA18	3	T4	A	AUTO BRAKES	32-42-03	2	—	—	A	
	L136	1	DA18	3	T4	A	ALT ALERT	34-16-01	1	—	—	A	
	L474	1	DL1	3	T1	A	L ENG OIL PRESS.	79-00-01	1	—	—	A	
	L475	1	DR13	3	T4	A	R ENG OIL PRESS.	79-00-01	1	—	—	A	
	L585	1	DB33	3	T7	W	INNER/AIRWAYS	34-32-01	1	—	—	A	
	L586	1	DB33	3	T7	A	MIDDLE	34-32-01	1	—	—	A	
	L587	1	DB33	3	T7	B	OUTER	34-32-01	1	—	—	A	
	L591	1	DA18	3	T4	A	A/T DISC.	22-30-02	1	—	—	A	
	L603	1	DA18	3	T4	A	FMC	34-61-02	1	—	—	A	
M779	L605	1	DB25	3	T7	A	BRAKE SOURCE	32-41-01	1	—	—	A	
	L716	1	DL6	3	T1	A	SPEED BRAKES	31-51-04	1	—	—	A	
	A1	DA36	A3	T7	R	FIRE	DISCRETE WARN DISPLAY LIGHT A (RIGHT SIDE)	26-11-01	2	—	—	B	
	A4	DA18	A6	T4	R	FIRE	LIGHT A (LEFT SIDE)	31-51-03	1	—	—	B	
	B1	DA36	B3	T7	R	CONFIG	LIGHT B (RIGHT SIDE)	31-51-03	1	—	—	B	
	B4	DA18	B6	T4	R	CONFIG	LIGHT B (LEFT SIDE)	31-51-03	1	—	—	B	
	C1	DA36	C3	T7	R	PULL UP	LIGHT C (RIGHT SIDE)	34-46-01	2	—	—	B	
	C4	DA6	C6	T1	R	PULL UP	LIGHT C (LEFT SIDE)	34-46-01	2	—	—	B	
	D1	DA36	D3	T7	R	A/P DISC.	LIGHT D (RIGHT SIDE)	22-10-02	3	—	—	B	
	D4	DA18	D6	T4	R	A/P DISC.	LIGHT D (LEFT SIDE)	22-10-02	3	—	—	B	
P3-1	L652	1	DB26	3	T7	G	LEFT	32-61-01	2	—	—	B	
	L653	1	DB26	3	T7	G	RIGHT	32-61-01	2	—	—	B	
	L654	1	DB26	3	T7	G	NOSE	32-61-01	2	—	—	B	
	L657	1	DB26	3	T7	A	GEAR	32-61-01	4	—	—	B	
	L658	1	DB26	3	T7	A	DOORS	32-61-01	6	—	—	B	
	L660	1	DR13	3	T4	A	TE	27-58-03	1	—	—	A	
	L661	1	DR13	3	T4	A	LE CONFIG LT	27-88-01	2	—	—	A	
	L663	1	DL1	3	T1	W	BRAKE TEMP	32-46-01	1	—	—	A	
	L680	1	DB33	3	T7	R	WHL WELL FIRE (BLANK)	26-17-01	1	—	—	A	
	L804	1	DL6	3	T1	A	TAIL SKID	32-71-01	1	—	—	B	
P3-3	L588	1	DB33	3	T7	W	INNER/AIRWAYS	34-32-01	1	—	—	A	
	L589	1	DB33	3	T7	A	MIDDLE	34-32-01	1	—	—	A	
	L590	1	DB33	3	T7	B	OUTER	34-32-01	1	—	—	A	
	N48	11	DL6	9	T1	W	ALT	34-16-01	1	D715	A		
P7	S507	13	DB26	14	T8	R	WARNING	31-51-02	1	—	—	A	
	S508	13	DB30	14	T8	R	CAUTION	31-41-06	2	—	—	A	
	S508	13	DB30	14	T8	R	WARNING	31-51-02	1	—	—	A	
	S508	13	DR21	17	T4	A	CAUTION	31-41-06	2	—	—	A	
P8	S37	1	DB33	3	T7	R	L ENG FIRE SW (LOC ON M10443)	26-11-02	2	D836	C		
	S38	1	DB29	3	T7	R	R ENG FIRE SW (LOC ON M10443)	26-11-02	2	D862	C		
	S39	1	DB29	3	T7	R	APU FIRE SW (LOC ON M10444)	26-15-01	1	D846	C		

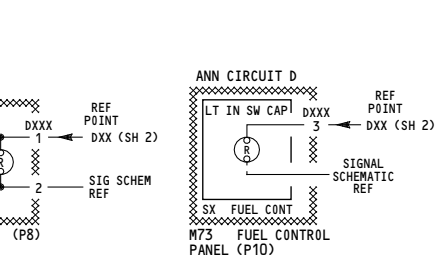
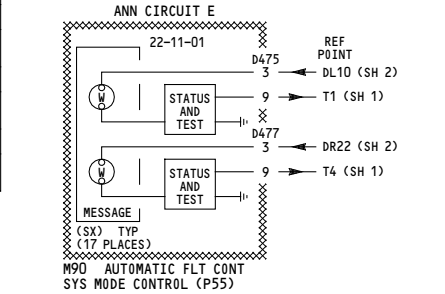
PNL	LT/ SW	ANNUNCIATOR LIGHT					SYSTEM	SCHEM	S	H	C	K	T
		DIM	TEST	CAP									
				REF PIN	REF PIN	INSC							
P8	M10443(YEG)	1	DB29	3	T9	A	ENGINE FIRE CONTROL PANEL	26-11-01	2	D10100	3	4	A
	L1	1	DB29	3	T9	A	L ENG OVHT	26-11-01	2	D10100	3	4	A
	L2	1	DB29	3	T9	A	ENG BTL 1 DISCH	26-21-01	1	D10102	3	4	A
	L3	1	DB33	3	T8	A	ENG BTL 2 DISCH	26-21-01	1	D10102	3	4	A
	L4	1	DB33	3	T8	A	R ENG OVHT	26-11-02	1	D10102	3	4	A
	M10444(YD0)	1	DB29	3	T9	A	APU/CARGO FIRE CONTROL PANEL	26-22-01	2	D866	3	4	A
	L1	1	DB29	3	T9	A	APU BTL	26-22-01	2	D866	3	4	A
	S1	18	DB33	17	T8	R	CARGO FIRE	26-16-01	2	D864	3	4	A
	S2	18	DB29	17	T9	R	AFT CARGO FIRE	26-16-01	2	D866	3	4	A
	S3	18	DB33	17	T8	A	DISCH CAP BTL DISCH	26-23-01	1	D864	3	4	A
P9	M76(-)	1	DB25	3	T7	W	LEFT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT	34-61-02	2	D465	27	23	-
	M77(-)	1	DR21	17	T4	W	RIGHT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT	34-61-04	1	D467	27	23	-
P10	L800	1	DB29	3	T7	W	PARK BRAKE SET	32-41-01	1	—	—	—	A
	M73(YAZ)	1	DB33	3	T7	A	FUEL CONTROL PANEL	28-22-01	4	D1469	3	4	A
	L1	1	DB33	3	T7	A	SPAR VALVE	76-11-01	3	D1469	3	4	A
	L2	1	DB33	3	T7	A	ENG VALVE	28-22-01	3	D1471	3	4	A
	L3	1	DB29	3	T7	A	SPAR VALVE	76-11-01	3	D1471	3	4	A
	L4	1	DB29	3	T7	A	ENG VALVE	28-22-01	3	D1471	3	4	A
	L5	1	DB29	3	T7	A	REV ISLN	78-36-01	1	D1471	3	4	A
	S1	—	DB33	—	—	—	FUEL CONT	26-11-01	2	D1469	3	4	D
	S2	—	DB33	—	—	—	L ENG FUEL CONT	26-11-02	2	D1471	3	4	D
	S3	—	DB29	—	—	—	R ENG FUEL CONT	26-11-02	2	D1471	3	4	D
P55	M90(-)	1	DL10	10	T1	W	AUTOMATIC FLIGHT CONTROL SYSTEM MODE CONTROL PANEL	22-10-01	1	D475	3	9	E
	(SX)	—	DR22	—	—	—	(SEE SYS SCHEM FOR INDIVIDUAL SW)	22-10-01	1	D477	3	9	E
	M91(-)	1	DB25	14	T8	W	LEFT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL	34-51-01	1	D869	4	5	A
	S3	13	DB25	14	T8	W	AUTO. MAN.	34-51-01	1	D869	4	5	A
	M92(-)	1	DR21	14	T4	W	RIGHT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL	34-51-02	1	D871	4	5	A
	S3	13	DR21	14	T4	W	AUTO. MAN.	34-51-02	1	D871	4	5	A



PNL	IND	CONN	NOMENCLATURE	SCHEM	S	H	REF POINT
P1-2	N4	D107	L ELEX ATTD DIR IND	34-22-05	2	—	D2
	N5	D109	L ELEX HORIZ SITUATION IND	34-22-05	2	—	D2
P2	N10013	D205	EICAS UPPER DSPL IND	31-41-05	2	—	D2
	N10014	D207	EICAS LOWER DSPL IND	31-41-06	2	—	D2
P3-2	N44	D807	R ELEX ATTD DIR IND	34-22-05	2	—	D1
	N45	D809	R ELEX HORIZ SITUATION IND	34-22-05	2	—	D1



SYMBOL GENERATOR				AIR/GND RELAY			
SHELF	GEN	CONN	NOMENCLATURE	RELAY	CONN		
E1-2	M148	D425D	L ELEX FLT INSTR SYS SYM GEN	K177	D3534		
E1-4	M149	D413D	L ELEX FLT INSTR SYS SYM GEN	K143	D3554		
E1-5	M150	D375D	R ELEX FLT INSTR SYS SYM GEN	K149	D3516		



NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF M&T AND ARE SHOWN FOR REFERENCE ONLY

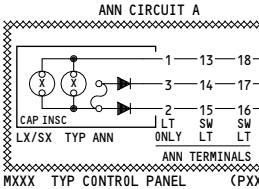
31 VB371-VB400 (231-233)

32 VK001-VK030 (234-236, 253-253, 264-269)

33 TABLE EFF FOR VB371-VB373 (231-233) ONLY.

34 L474 & L475 DIM REF PNT IS DB25 FOR VB374-VB400, VK009-VK020, VK023-VK030

35 L474 & L475 TEST REF PNT IS T7 FOR VB374-VB400, VK009-VK020, VK023-VK030



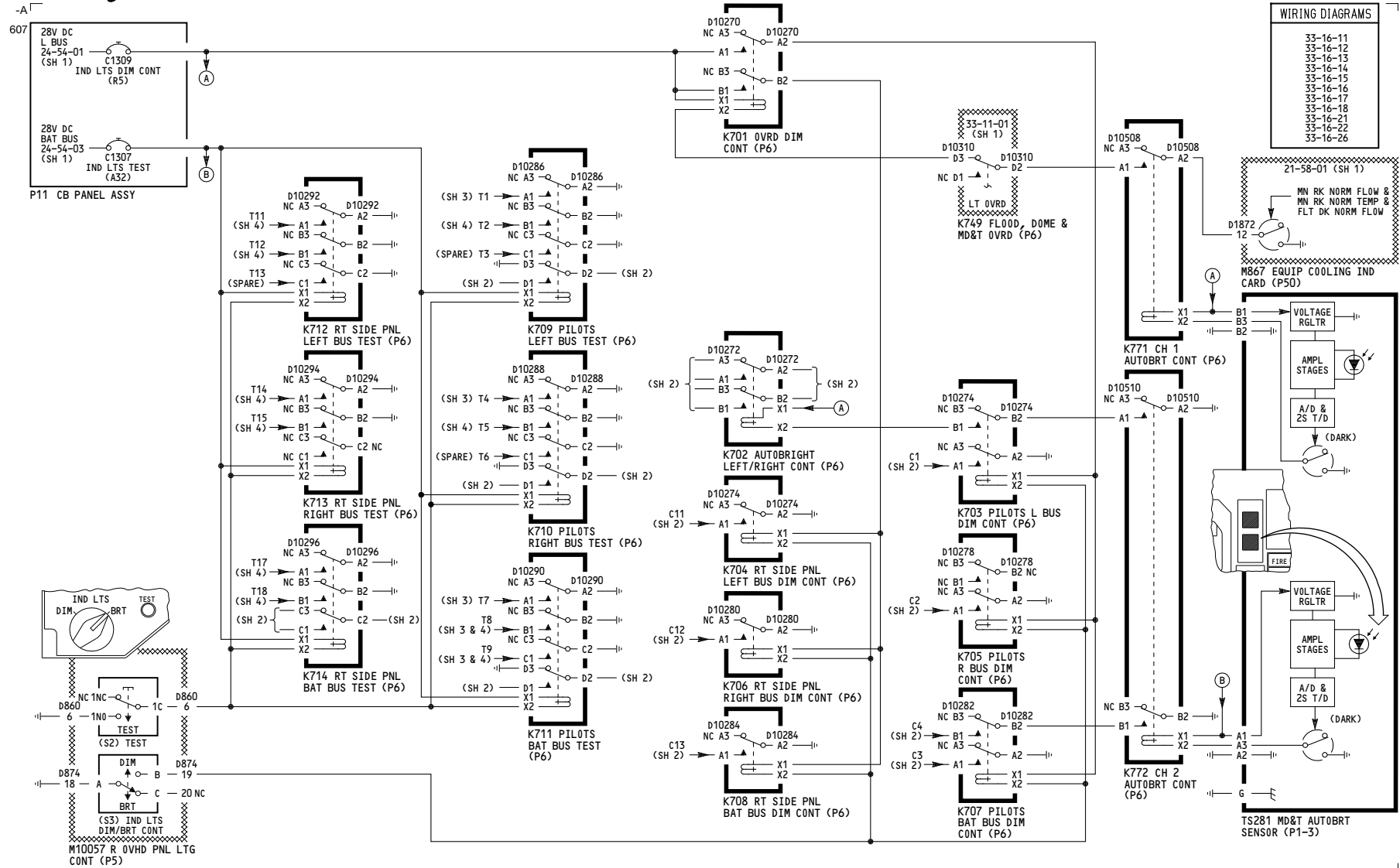
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WIRING DIAGRAMS	
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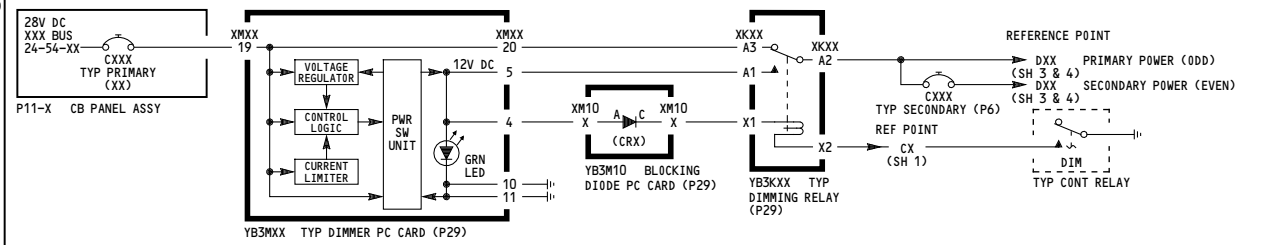
**MASTER DIM AND TEST**

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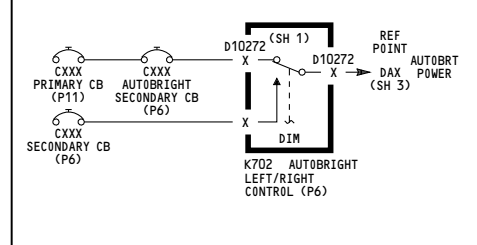
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**TABLE I - TYP ANNUCIATOR BRIGHT/DIM CIRCUIT**



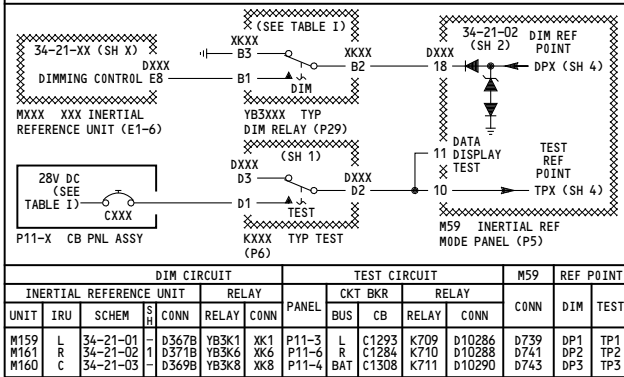
PRIMARY CIRCUIT BREAKER				DIMMER PC CARD				DIODE		DIMMING RELAY				CONT RLY		SECONDARY CIRCUIT BREAKER				REF POINT		
CB	GRID LOC	PNL	NOMENCLATURE	BUS	SCHEM	SH	CARD	CONN	NOMENCLATURE	(CR)	TERM A	TERM C	RELAY	NOMENCLATURE	CONN	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR
C1293	R1	P11-3	IND LTS L1	L	24-54-01		YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1 DL3	NONE DL4
C1297	R2		IND LTS L2				YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5 DL7	DL6 DL8
C1298	R3		IND LTS L3				YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9 DL11	DL10 NONE
C1273	R28	P11-6	IND LTS R1	R	24-54-02		YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13 DR15	NONE DR16
C1274	R29		IND LTS R2				YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 K29	K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR17 DR19	DR18 DR20
C1284	R30		IND LTS R3				YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR21 NONE	DR22 NONE
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03		YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25 DB27	DB26 DB28
C1308	A34		IND LTS 2				YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29 DB31	DB30 DB32
C1200	A35		IND LTS 3				YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33 NONE	DA36 NONE

**TABLE II - TYP ANNUCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT**



(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY			AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT	
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6	
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18	
---	---	---	---	---	---	---	---	(DA36)	

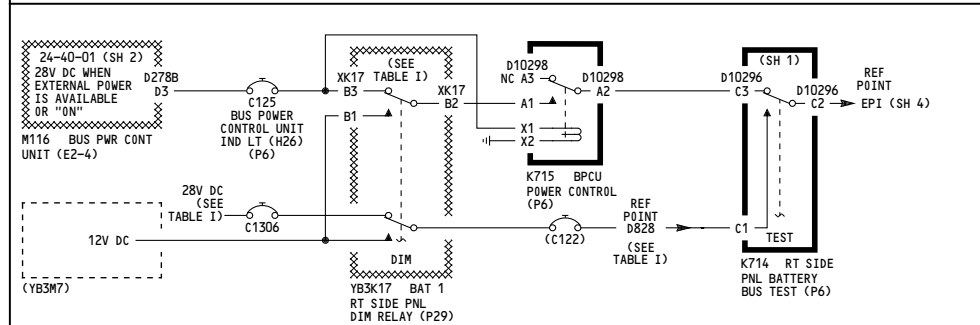
**TABLE III - M59 PANEL ANNUCIATOR DIM/TEST CIRCUITS**



DIM CIRCUIT				TEST CIRCUIT				M59		REF POINT	
UNIT	IRU	SCHEM	SH	CONN	RELAY	CONN	PANEL	CONN	DIM	TEST	
M159	L	34-21-01	1	D367B	YB3K1	XK1	P11-3	L	C1293	D10286	
M161	R	34-21-02	1	D371B	YB3K6	XK6	P11-6	R	C1284	D10288	
M160	C	34-21-03	1	D369B	YB3K8	XK8	P11-4	BAT	C1308	D10290	

BRIGHT/DIM POWER DISTRIBUTION

**TABLE IV - EXTERNAL POWER ANNUCIATOR (AVAIL/ON) POWER/DIM CIRCUIT**



NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

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**MASTER DIM AND TEST**

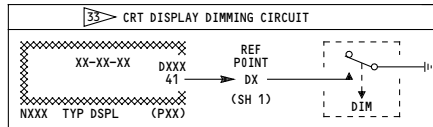
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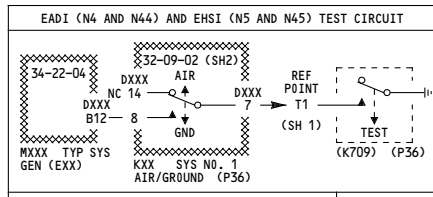


SYSTEM ANNUNCIATOR LIGHTS												
PNL	IND/ LT/ SW	ANNUNCIATOR LIGHT				EQUIPMENT NOMENCLATURE	SCHEM	S	CONN	K	C	T
		DIM	TEST	CAP								
		REF PIN	REF PIN	REF PIN	REF PIN							
P1-3	L19	1	DA18	3	T4	A/P	22-10-02	3	—	—	—	—
	L119	1	DA18	3	T4	AUTO BRKES	32-42-03	2	—	—	—	—
	L136	1	DA18	3	T4	ALT ALERT	34-16-01	1	—	—	—	—
	L474	1	DL1	3	T1	L ENG OIL PRESS.	79-00-01	1	—	—	—	—
	L475	1	DR13	3	T4	R ENG OIL PRESS.	79-00-01	1	—	—	—	—
	L585	1	DB33	3	T7	W INNER/AIRWAYS	34-32-01	—	—	—	—	—
	L586	1	DB33	3	T7	A MIDDLE	34-32-01	—	—	—	—	—
	L587	1	DB33	3	T7	B OUTER	34-32-01	—	—	—	—	—
	L591	1	DA18	3	T4	A/T DISC.	22-30-02	1	—	—	—	—
	L603	1	DA18	3	T4	A FMC	34-61-02	1	—	—	—	—
L605	1	DB25	3	T7	A BRAKE SOURCE	32-41-01	1	—	—	—	—	
L716	1	DL6	3	T1	A SPEED BRKES	31-51-04	—	—	—	—	—	
M779	A1	DA36	A3	T7	R	DISCRETE WARN DISPLAY	26-11-01	2	—	—	—	—
	A4	DA18	A6	T4	R	LIGHT A (RIGHT SIDE)	31-51-03	—	—	—	—	—
	B4	DA18	B6	T4	R	LIGHT B (LEFT SIDE)	34-46-01	2	—	—	—	—
	C1	DA36	C3	T7	R	LIGHT C (RIGHT SIDE)	22-10-02	3	—	—	—	—
	C4	DA6	C6	T1	R	LIGHT D (RIGHT SIDE)	34-46-01	2	—	—	—	—
	D1	DA36	D3	T7	R	LIGHT E (RIGHT SIDE)	22-10-02	3	—	—	—	—
	D4	DA18	D6	T4	R	LIGHT F (RIGHT SIDE)	21-33-01	—	—	—	—	—
	E4	DA6	E6	T1	R	LIGHT G (RIGHT SIDE)	34-12-02	—	—	—	—	—
	F1	DA36	F3	T7	R	LIGHT H (RIGHT SIDE)	34-16-01	—	—	—	—	—
	F4	DA18	F6	T4	R	LIGHT I (LEFT SIDE)	34-46-01	2	—	—	—	—
N8	N8	11	DL6	3	T1	W ALT	34-16-01	—	D11	1	—	—
	S16	13	DA6	14	T1	A GND	34-46-01	2	—	—	—	—
	S18	18	DA6	17	T1	A PROX G/S INHB	34-46-01	2	—	—	—	—
S547	S547	18	DB25	17	T7	A VALVE	29-00-04	1	—	—	—	—
	S547	18	DB25	17	T7	A VALVE	29-00-04	1	—	—	—	—
P3-1	L652	4	DB26	3	T7	G LEFT	32-61-01	2	—	—	—	—
	L653	4	DB26	3	T7	G RIGHT	32-61-01	2	—	—	—	—
	L654	4	DB26	3	T7	G NOSE	32-61-01	2	—	—	—	—
	L657	4	DB26	3	T7	A GEAR	32-61-01	4	—	—	—	—
	L658	4	DB26	3	T7	A DOORS	32-61-01	6	—	—	—	—
	L660	1	DR13	3	T4	A TE	27-58-03	—	—	—	—	—
	L661	1	DR13	3	T4	A LE	27-88-01	2	—	—	—	—
	L663	1	DL1	3	T1	W BRAKE TEMP	32-46-01	—	—	—	—	—
	L680	1	DB33	3	T7	R WHL WELL FIRE	26-17-01	—	—	—	—	—
	L804	1	DL6	3	T1	A (BLANK)	—	—	—	—	—	—
L804	L804	1	DL6	3	T1	A TAIL SKID	32-71-01	—	—	—	—	—
	L804	1	DL6	3	T1	A TAIL SKID	32-71-01	—	—	—	—	—
P3-3	L588	1	DB33	3	T7	W INNER/AIRWAYS	34-32-01	—	—	—	—	—
	L589	1	DB33	3	T7	A MIDDLE	34-32-01	—	—	—	—	—
	L590	1	DB33	3	T7	B OUTER	34-32-01	—	—	—	—	—
	N48	11	DL6	3	T1	W ALT	34-16-01	—	D715	1	—	—
P7	S507	13	DB26	14	T8	R WARNING	31-51-02	—	—	—	—	—
	S508	13	DB30	14	T8	R CAUTION	31-51-02	—	—	—	—	—
	S508	18	DR21	17	T4	R WARNING	31-51-02	—	—	—	—	—
P8	S37	1	DB33	—	—	R L	26-11-01	2	D836	3	—	—
	S38	1	DB29	—	—	R R	26-11-02	—	D862	3	—	—
	S39	1	DB29	—	—	R APU	26-15-01	1	D846	3	—	—

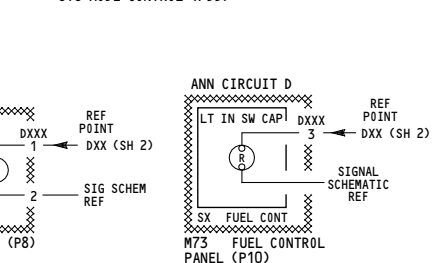
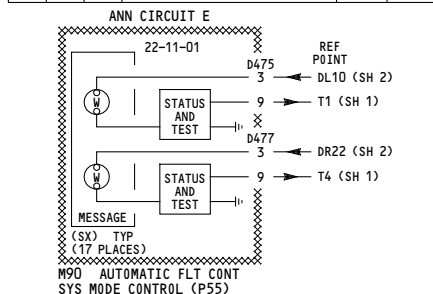
SYSTEM ANNUNCIATOR LIGHTS													
PNL	LT/ SW	ANNUNCIATOR LIGHT				SYSTEM	SCHEM	S	CONN	DIM	TEST	CAP	
		DIM	TEST	CAP									
		LT PIN	REF PIN	REF PIN	REF PIN								
P8	M80	—	DL9	—	T1	VOICE/DATA	—	—	D411	3	4	—	
	M10443(YEG)	—	—	—	—	ENGINE FIRE CONTROL PANEL	—	—	—	—	—	—	
L1	L1	1	DB29	3	T9	A L ENG OVHT	FIRE DET	26-11-01	2	D10100	3	4	A
	L2	1	DB29	3	T9	A ENG BTL 1 DISCH	EXT	26-21-01	—	D10100	3	4	A
	L3	1	DB33	3	T8	A ENG BTL 2 DISCH	EXT	26-21-01	—	D10102	3	4	A
	L4	1	DB33	3	T8	A R ENG OVHT	FIRE DET	26-11-02	—	D10102	3	4	A
M10444(YDO)	M10444	—	—	—	—	APU/CARGO FIRE CONTROL PANEL	—	—	—	—	—	—	—
	S1	18	DB33	17	T8	R APU BTL	CARGO FIRE	26-22-01	—	D866	3	4	A
	S2	18	DB29	17	T9	R FWD	CARGO FIRE	26-16-01	2	D866	3	4	A
	S3	18	DB33	17	T8	A DISCH	CAP BTL DISCH	26-23-01	1	D864	3	4	A
M10445(YEH)	M10445	—	—	—	—	FIRE/OVERHEAT TEST PANEL	—	—	—	—	—	—	—
	S2	18	DB26	17	T8	A FAIL P-RESET	SYS FAIL	26-11-01	2	D10104	3	4	A
P9	M76(-)	—	DB25	—	T7	LEFT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT	—	—	34-61-02	D465	27	23	—
	M77(-)	—	DR21	—	T4	RIGHT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT	—	—	34-61-04	D467	27	23	—
P10	L800	1	DB29	3	T7	W PARK BRAKE SET	—	—	32-41-01	1	—	—	—
	M73(YAZ)	—	—	—	—	FUEL CONTROL PANEL	—	—	—	—	—	—	—
L1	L1	1	DB33	3	T7	A SPAR VALVE	L ENG FUEL CONT	28-22-01	4	D1469	3	4	A
	L2	1	DB33	3	T7	A ENG VALVE	L ENG FUEL CONT	76-11-01	3	D1469	3	4	A
	L3	1	DB29	3	T7	A SPAR VALVE	R ENG FUEL CONT	28-22-01	4	D1471	3	4	A
	L4	1	DB29	3	T7	A ENG VALVE	R ENG FUEL CONT	76-11-01	3	D1471	3	4	A
L5	L5	1	DB29	3	T7	A REV ISLN	FUEL CONT	78-36-01	1	D1471	3	4	A
	S1	—	DB33	—	—	R L ENG FIRE	L ENG FIRE	26-11-01	2	D1469	3	—	D
	S3	—	DB29	—	—	R R ENG FIRE	R ENG FIRE	26-11-02	—	D1471	3	—	D
P55	M90(-)	—	DL10	—	T1	W (SEE SYS SCHEM FOR INDIVIDUAL SW)	—	—	22-10-01	D475	3	9	E
	M91(-)	—	DR22	—	T4	W	—	—	22-10-01	D477	3	9	E
M91(-)	S3	13	DB25	14	T8	W AUTO.	—	—	34-51-01	D869	4	5	A
	S3	18	DB25	17	T8	W MAN.	—	—	34-51-01	D869	4	5	A
M92(-)	S3	13	DR21	14	T4	W AUTO.	—	—	34-51-02	D871	4	5	A
	S3	18	DR21	17	T4	W MAN.	—	—	34-51-02	D871	4	5	A



PNL	IND	CONN	NOMENCLATURE	SCHEM	S	REF POINT
P1-2	N4	D107	L ELEX ATTD DIR IND	34-22-05	2	D2
	N5	D109	L ELEX HORIZ SITUATION IND	34-22-05	2	D2
P2	N10013	D205	EICAS UPPER DSPL IND	31-41-05	2	D2
	N10014	D207	EICAS LOWER DSPL IND	31-41-06	2	D2
P3-2	N44	D807	R ELEX ATTD DIR IND	34-22-05	2	D1
	N45	D809	R ELEX HORIZ SITUATION IND	34-22-05	2	D1



SYMBOL GENERATOR				AIR/GND RELAY	
SHELF	GEN	CONN	NOMENCLATURE	RELAY	CONN
E1-2	M148	D425D	L ELEX FLT INSTR SYS SYM GEN	K177	D3534
E1-4	M149	D413D	L ELEX FLT INSTR SYS SYM GEN	K143	D3554
E1-5	M150	D373D	R ELEX FLT INSTR SYS SYM GEN	K149	D3516



NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF M&T AND ARE SHOWN FOR REFERENCE ONLY

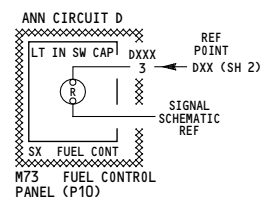
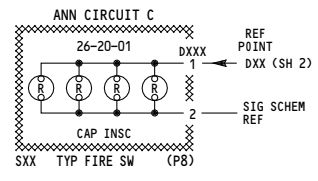
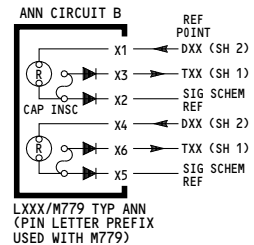
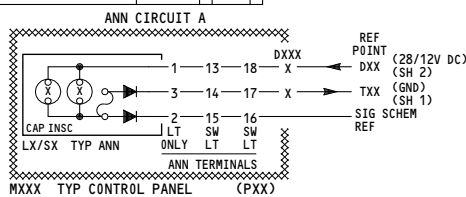
31 VB371-VB400 (231-233)

32 VK001-VK030 (234-236, 253-253, 264-269)

33 TABLE EFF FOR VB371-VB373 (231-233) ONLY.

34 L474 & L475 DIM REF PNT IS DB25 FOR VB374-VB400, VK009-VK020, VK023-VK030

35 L474 & L475 TEST REF PNT IS T7 FOR VB374-VB400, VK009-VK020, VK023-VK030



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## MASTER DIM AND TEST

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Table of system annunciator lights for the left side of the aircraft, including sections for APU Control Panel, Hydraulic System Control Panel, Cabin Pressure Selector Panel, Temperature Control Panel, Bleed Air Supply Panel, Equipment Cooling Control Panel, Cargo Heat Control Panel, Emergency Lights Control Panel, and Engine Ignition & Start Control Panel.

Table of system annunciator lights for the right side of the aircraft, including sections for Pilots Call Panel, Inertial Reference Mode Panel, Entertainment Panel, HF/SAT Audio Xfer and Sat/Call Rst Pnl, Fuel Management Panel, Right Overhead Lighting Control Panel, Standby Power Panel, Electrical System Panel, and Window Heat Control Panel.

Table of system annunciator lights for the rear section of the aircraft, including sections for Yaw Damper Panel, Annunciators Panel, Window Heat Control Panel, Wing and Engine Anti-Ice Control Panel, EEC Control Module, Flight Recorder Control Panel, Hydraulics/Generator Field Control Panel, Reserve Brakes & Steering Panel, and Fuel Jettison Control Panel.

NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF MD&T AND ARE SHOWN FOR REF ONLY. ALL ANNUNCIATORS ON THIS SHEET ARE PER ANN CIRCUIT A (SEE SH 3) EXCEPT WHERE NOTED.

41 VK001-VK030 (234-236, 253-253)

MASTER DIM AND TEST

Incorporates MTO 230591

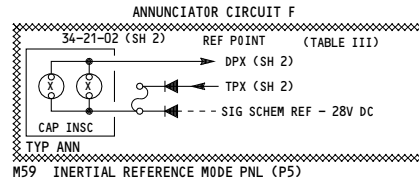
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SYSTEM ANNUNCIATOR LIGHTS													
P N L	LT/ SW	DIM LT PIN	TEST REF PT	CAP LT REF PT	C L R	INSCRIPTION	SYSTEM	SCHEM	S H	CONTROL PANEL			
										CONN	DIM	TEST	PIN
<b>P5 M10394(YDL) ANNUNCIATOR PANEL</b>													
L1	1	DR17	3	T5	A	ENTRY DOORS		52-70-01	1	D1678	3	4	
L2	1	DR17	3	T5	A	EMER DOORS		52-70-01	2	D1678	3	4	
L3	1	DR17	3	T5	A	CARGO DOORS		52-70-01	3	D1678	3	4	
L4	1	DR17	3	T5	A	ACCESS DOORS		52-70-01	3	D1678	3	4	
L5	1	DB33	3	T8	A	CAPT PITOT		30-31-01	1	D2890	3	4	
L6	1	DR17	3	T5	A	F/O PITOT		30-31-01	1	D1678	3	4	
L7	1	DB33	3	T8	A	L AOA		30-32-01	1	D2890	3	4	
L8	1	DR17	3	T5	A	R AOA		30-32-01	1	D1678	3	4	
L9	1	DR17	3	T5	A	L AUX PITOT		30-31-01	2	D1678	3	4	
L10	1	DB33	3	T8	A	R AUX PITOT		30-31-01	2	D2890	3	4	
L11	1	DL1	3	T2	A	TAT		30-33-01	1	D2888	3	4	
L12	1	DR17	3	T5	W	—	SPARE	—	—	D1678	3	4	
L13	1	DB33	3	T8	A	STAB. TRIM		27-40-01	5	D2890	3	4	
L14	1	DB33	3	T8	A	SPOILERS		27-61-01	7	D2890	3	4	
L15	1	DR17	3	T5	A	AUTO SPD BRK		27-62-01	2	D1678	3	4	
L16	1	DB33	3	T8	W	—	SPARE	—	—	D2890	3	4	
L17	1	DB33	3	T8	A	UNSCHEG STAB. TRIM		27-40-01	5	D2890	3	4	
L18	1	DB33	3	T8	A	RUDDER RATI0		27-20-02	2	D2890	3	4	
L19	1	DB33	3	T8	A	ANTI SKID		52-14-04	2	D2890	3	4	
L20	1	DB33	3	T8	A	AIL. LOCK		27-10-02	2	D2890	3	4	
L21	1	DB33	3	T8	W	—	SPARE	—	—	D2890	3	4	
L22	1	DL1	3	T2	A	PARK BRAKE VALVE		32-41-01	1	D2888	3	4	
L23	1	DL1	3	T2	A	—	SPARE	—	—	D2888	3	4	
L24	1	DB33	3	T8	A	—	SPARE	—	—	D2890	3	4	
L25	1	DL1	3	T2	W	—	SPARE	—	—	D2888	3	4	
L26	1	DL1	3	T2	W	—	SPARE	—	—	D2888	3	4	
L27	1	DB33	3	T8	W	—	SPARE	—	—	D2890	3	4	
L28	1	DR17	3	T5	W	—	SPARE	—	—	D1678	3	4	
<b>M10395(YDM) WINDOW HEAT CONTROL PANEL</b>													
S1	18	DL6	17	T2	A	INOP	R SIDE WDO HT	30-41-01	1	D876	3	4	
S2	18	DR17	17	T5	A	INOP	R FWD WDO HT	30-41-02	1	D878	3	4	
S3	18	DL6	17	T2	A	INOP	L FWD WDO HT	30-41-01	1	D876	3	4	
S4	18	DR17	17	T5	A	INOP	L SIDE WDO HT	30-41-02	1	D878	3	4	
<b>M10397(YDN) WING AND ENGINE ANTI-ICE CONTROL PANEL</b>													
L1	1	DB25	3	T9	A	VALVE	L WG ANTI-ICE	30-11-01	1	D890	3	4	
L2	1	DB30	3	T9	A	VALVE	R WG ANTI-ICE	30-11-01	1	D888	3	4	
L3	1	DB30	3	T9	A	ICING	ENGINE	30-81-01	1	D888	3	4	
S1	18	DB30	17	T9	A	VALVE	L ENG ANTI-ICE	30-21-01	1	D888	3	4	
S2	18	DB25	17	T9	A	VALVE	R ENG ANTI-ICE	30-21-01	1	D890	3	4	
<b>M10761 (YHW) EEC CONTROL MODULE</b>													
S1	18	DB33	17	T8	A	ALTN	L EEC	73-21-01	1	D2083	3	4	
S2	18	DB31	17	T18	A	ALTN	R EEC	73-21-01	1	D2085	3	4	
<b>P6 M1087(YDW) FLIGHT RECORDER CONTROL PANEL</b>													
L1	1	DL11	3	T11	W	OFF	FLIGHT REC	31-31-01	1	D493	3	4	
<b>M1087(YDW) HYDRAULICS/GENERATOR FIELD CONTROL PANEL</b>													
S1	18	DR16	17	T14	A	OFF	WG R FLT CONT	27-00-01	1	D10114	3	4	
S2	18	DR16	17	T14	A	OFF	TL R FLT CONT	27-00-01	2	D10114	3	4	
S3	18	DL8	17	T11	A	OFF	WG C FLT CONT	27-00-01	1	D10112	3	4	
S4	18	DL8	17	T11	A	OFF	TL C FLT CONT	27-00-01	2	D10112	3	4	
S5	18	DL4	17	T11	A	OFF	WG L FLT CONT	27-00-01	1	D10110	3	4	
S6	18	DL4	17	T11	A	OFF	TL L FLT CONT	27-00-01	2	D10110	3	4	
S7	18	DB28	17	T18	W	FIELD OFF	R GEN	24-20-02	1	D10112	13	14	
S8	18	DB28	17	T18	W	FIELD OFF	APU GEN	24-20-03	1	D10112	13	14	
S9	18	DB28	17	T18	W	FIELD OFF	L GEN	24-20-01	1	D10112	13	14	
<b>M1216(YER) RESERVE BRAKES &amp; STEERING PANEL</b>													
L1	1	DL8	3	T11	W	ISLN	C HYD SYS	29-00-04	1	D10732	3	4	
<b>L755 FWD LAV OCCUPIED LT</b>													
-	1	DL11	3	TL11	W	FWD LAV OCCUP	FWD LAV	33-26-21	-	-	1	3	



NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF MD&T AND ARE SHOWN FOR REF ONLY.  
ALL ANNUNCIATORS ON THIS SHEET ARE PER ANN CIRCUIT A (SEE SH 3) EXCEPT WHERE NOTED.

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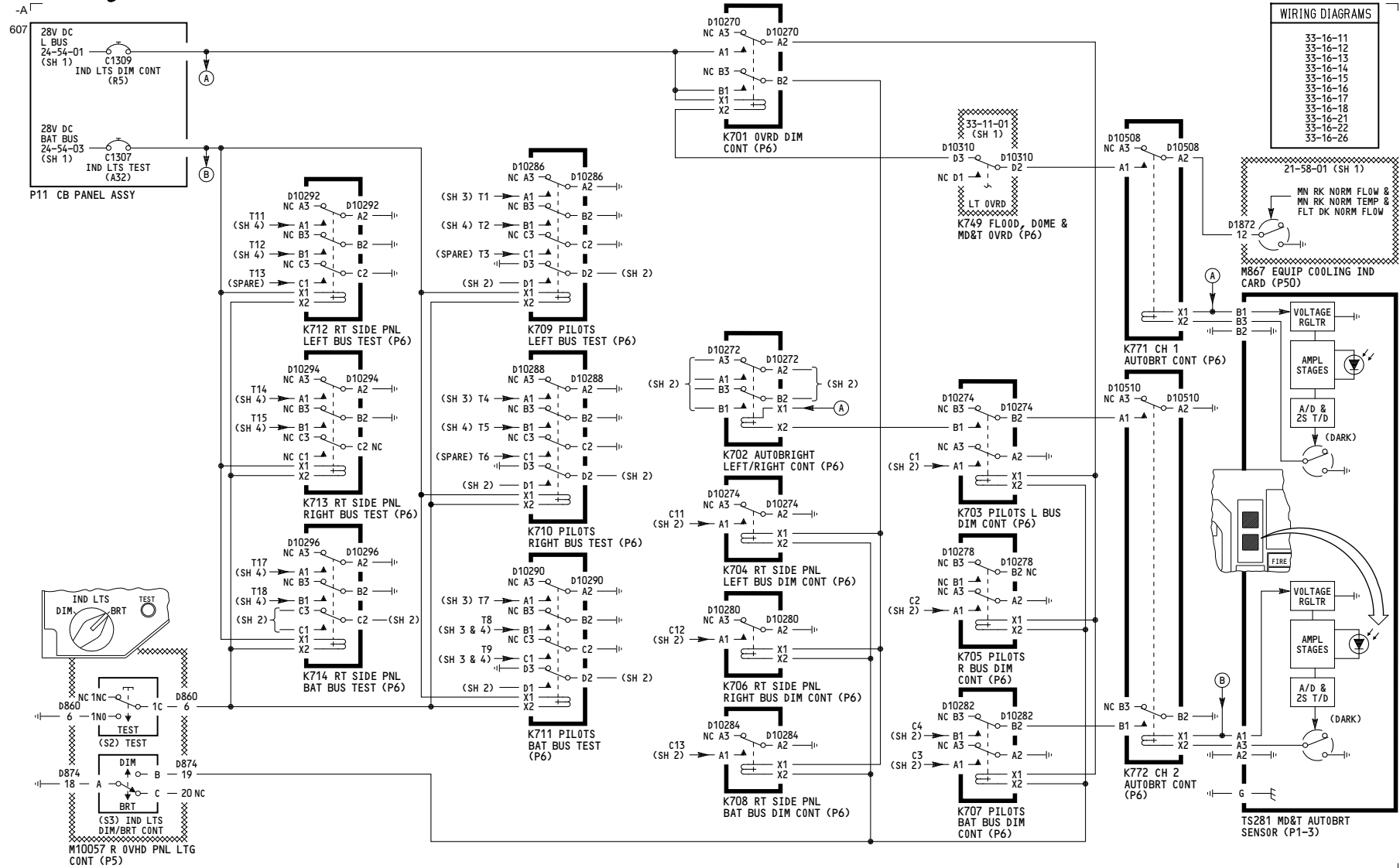
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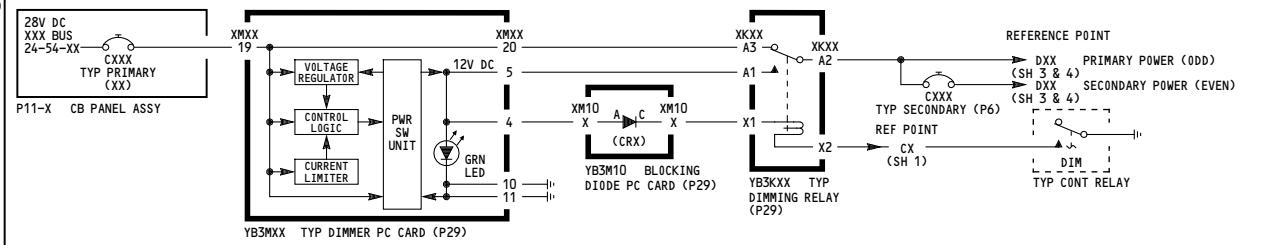
167	<b>MASTER DIM AND TEST</b>
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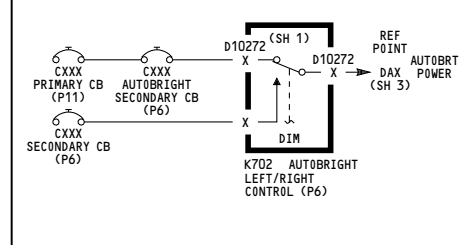
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**TABLE I - TYP ANNUCIATOR BRIGHT/DIM CIRCUIT**



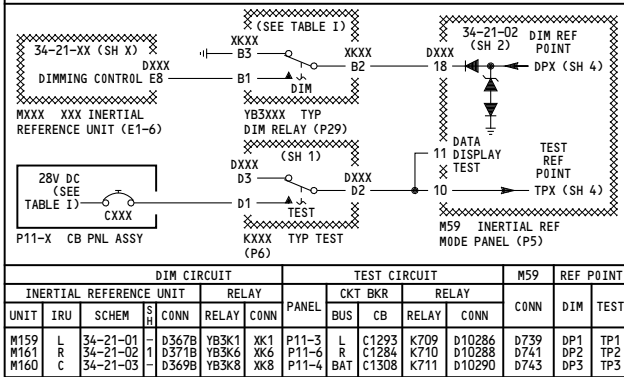
**TABLE II - TYP ANNUCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT**



PRIMARY CIRCUIT BREAKER				DIMMER PC CARD				DIODE		DIMMING RELAY				CONT RLY		SECONDARY CIRCUIT BREAKER				REF POINT		
CB	GRID LOC	PNL	NOMENCLATURE	BUS	SCHEM	SH	CARD	CONN	NOMENCLATURE	(CR)	TERM A	TERM C	RELAY	CONN	NOMENCLATURE	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR
C1293	R1	P11-3	IND LTS L1	L	24-54-01		YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1	NONE
C1297	R2		IND LTS L2				YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5	DL6
C1298	R3		IND LTS L3				YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9	DL10
C1273	R28	P11-6	IND LTS R1	R	24-54-02		YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13	NONE
C1274	R29		IND LTS R2				YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 C120	K29 K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR15	DR16
C1284	R30		IND LTS R3				YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR17	DR18
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03		YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25	DB26
C1308	A34		IND LTS 2				YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29	DB30
C1200	A35		IND LTS 3				YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33	NONE

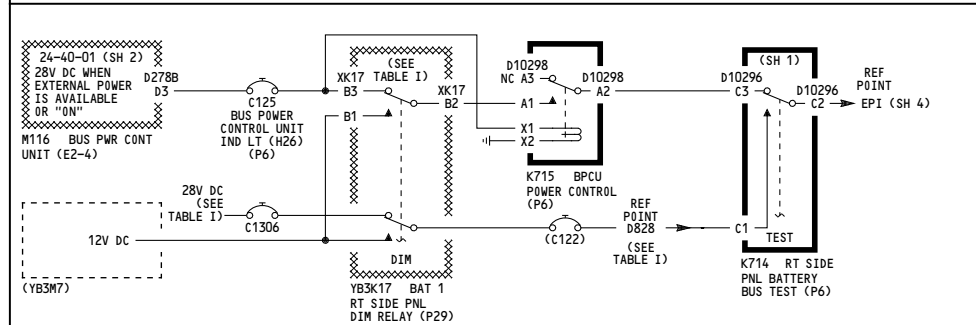
(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY			AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT	
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6	
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18	
								(DA36)	

**TABLE III - M59 PANEL ANNUCIATOR DIM/TEST CIRCUITS**



BRIGHT/DIM POWER DISTRIBUTION

**TABLE IV - EXTERNAL POWER ANNUCIATOR (AVAIL/ON) POWER/DIM CIRCUIT**



NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

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**MASTER DIM AND TEST**

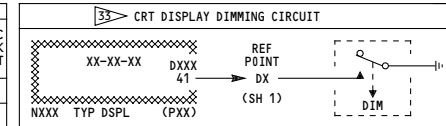
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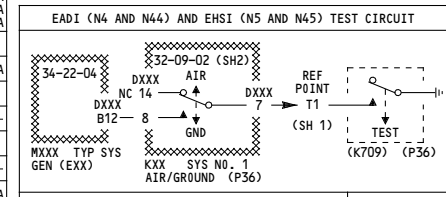
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PNL	IND/LT/SW	ANNUNCIATOR LIGHT					EQUIPMENT NOMENCLATURE	SCHEM	S	CONN	K	C	
		DIM		TEST		CAP							
		REF PIN	REF PIN	REF PIN	REF PIN								INSC
P1-3	L19	1	DA18	3	T4	A	A/P	A/P CTN LT	22-10-02	3	---	A	
	L119	1	DA18	3	T4	A	AUTO BRKES	AUTO. BRK LT	32-42-03	2	---	A	
	L136	1	DA18	3	T4	A	ALT ALERT	ALT ALERT	34-16-01	1	---	A	
	L474	1	DL1	3	T1	A	L ENG OIL PRESS.	L OIL PRESSURE LT	79-00-01	1	---	A	
	L475	1	DR13	3	T4	A	R ENG OIL PRESS.	R OIL PRESSURE LT	79-00-01	1	---	A	
	L585	1	DB33	3	T7	A	W INNER/AIRWAYS	CAPT INNER MKR BCN LT	34-32-01	1	---	A	
	L586	1	DB33	3	T7	A	MIDDLE	CAPT MIDDLE MKR BCN LT	34-32-01	1	---	A	
	L587	1	DB33	3	T7	B	OUTER	CAPT OUTER MKR BCN LT	34-32-01	1	---	A	
	L591	1	DA18	3	T4	A	A/T DISC.	A/T DISENG LT	22-30-02	1	---	A	
	L603	1	DA18	3	T4	A	FMC	FMC ANN LT	34-61-02	1	---	A	
	L605	1	DB25	3	T7	A	BRAKE SOURCE	BRK SOURCE PRESS. LT	32-41-01	1	---	A	
	L716	1	DL6	3	T1	A	SPEED BRKES	SPEED BRKS LT	31-51-04	1	---	A	
	M779	A1	DA36	A3	T7	R	FIRE	DISCRETE WARN DISPLAY LIGHT A (RIGHT SIDE)	26-11-01	2	---	B	
	A4	DA18	A6	T4	R	FIRE	DISCRETE WARN DISPLAY LIGHT A (LEFT SIDE)	26-11-01	2	---	B		
B4	DA18	B6	T4	R	CONFIG	DISCRETE WARN DISPLAY LIGHT B (RIGHT SIDE)	31-51-03	1	---	B			
C1	DA36	C3	T7	R	PULL UP	DISCRETE WARN DISPLAY LIGHT C (RIGHT SIDE)	34-46-01	2	---	B			
C4	DA6	C6	T1	R	PULL UP	DISCRETE WARN DISPLAY LIGHT C (LEFT SIDE)	34-46-01	2	---	B			
D1	DA36	D3	T7	R	A/P DISC.	DISCRETE WARN DISPLAY LIGHT D (RIGHT SIDE)	22-10-02	3	---	B			
D4	DA18	D6	T4	R	A/P DISC.	DISCRETE WARN DISPLAY LIGHT D (LEFT SIDE)	22-10-02	3	---	B			
E4	DA6	E6	T1	R	CABIN ALT	DISCRETE WARN DISPLAY LIGHT E (RIGHT SIDE)	21-33-01	1	---	B			
F1	DA36	F3	T7	R	OVSPD	DISCRETE WARN DISPLAY LIGHT F (RIGHT SIDE)	34-12-02	1	---	B			
F4	DA18	F6	T4	R	OVSPD	DISCRETE WARN DISPLAY LIGHT F (LEFT SIDE)	34-12-02	1	---	B			
N8	11	DL6	9	T1	W	ALT	CAPT ALTM	34-16-01	-	D11	A		
S16	13	DA6	14	T1	A	GND	G/S INHIBIT LT GND PROX SW	34-46-01	2	---	A		
S18	18	DA6	17	T1	A	PROX G/S INHB VALVE	G/S INHIBIT LT GND PROX SW	34-46-01	2	---	A		
S547	18	DB25	17	T7	A	VALVE	RSV BRKS AND STRG SEL SW	29-00-04	1	---	A		
P3-1	L652	4	DB26	3	T7	G	LEFT	L GEAR LT	32-61-01	2	---	B	
	L653	4	DB26	3	T7	G	RIGHT	R GEAR LT	32-61-01	2	---	B	
	L654	4	DB26	3	T7	G	NOSE	NOSE GEAR LT	32-61-01	2	---	B	
	L657	4	DB26	3	T7	A	GEAR	GEAR LT	32-61-01	4	---	B	
	L658	4	DR13	3	T4	A	DOORS	DOORS LT	32-61-01	6	---	B	
	L660	1	DR13	3	T4	A	TE	TE LT	27-58-03	1	---	A	
	L661	1	DR13	3	T4	A	LE	LE CONFIG LT	27-58-03	1	---	A	
	L663	1	DL1	3	T1	W	BRAKE TEMP	BRK TEMP LT	32-46-01	1	---	A	
	L680	1	DB33	3	T7	R	WHL WELL FIRE (BLANK)	WHL WELL FIRE LT	26-17-01	1	---	A	
	L804	1	DL6	3	T1	A	TAIL SKID	TAIL SKID	32-71-01	1	---	B	
	L804	1	DL6	3	T1	A	TAIL SKID	TAIL SKID	32-71-01	1	---	B	
	P3-3	L588	1	DB33	3	T7	W	INNER/AIRWAYS	F/O INNER MKR BCN LT	34-32-01	1	---	A
		L589	1	DB33	3	T7	A	MIDDLE	F/O MIDDLE MKR BCN LT	34-32-01	1	---	A
		L590	1	DB33	3	T7	B	OUTER	F/O OUTER MKR BCN LT	34-32-01	1	---	A
N48		11	DL6	9	T1	W	ALT	F/O ALTM	34-16-01	-	D715	A	
P7	S507	13	DB26	14	T8	R	WARNING	CAPT MSTR WARN AND CAUTION LT SW	31-51-02	2	---	A	
	S508	13	DB30	14	T8	R	CAUTION	CAUTION	31-51-02	2	---	A	
	S508	18	DR21	17	T4	R	WARNING	F/O MSTR WARN AND CAUTION LT SW	31-51-02	2	---	A	
P8	S37	1	DB33	3	---	R	L	L ENG FIRE SW (LOC ON M10443)	26-11-02	2	D836	C	
	S38	1	DB29	3	---	R	R	R ENG FIRE SW (LOC ON M10443)	26-11-02	2	D862	C	
	S39	1	DB29	3	---	R	APU	APU FIRE SW (LOC ON M10444)	26-15-01	1	D846	C	

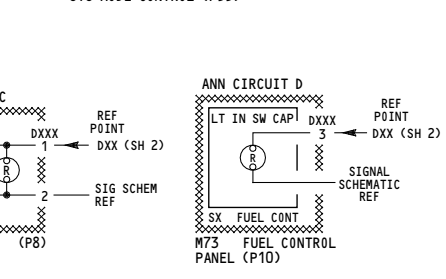
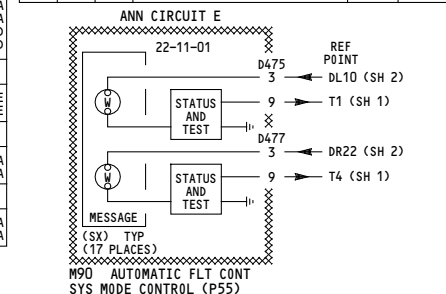
PNL	LT/SW	ANNUNCIATOR LIGHT					SYSTEM	SCHEM	S	CONN	DIM	TEST	P	IN	
		DIM		TEST		CAP									
		LT PIN	REF PIN	LT PIN	REF PIN										INSC
P8	M80	---	DL9	---	T1	W	VOICE/DATA	---	---	D411	3	4	---		
	M10443(YEG)	L1	1	DB29	3	T9	A	L ENG OVHT	FIRE DET	26-11-01	2	D10100	3	4	A
		L2	1	DB29	3	T9	A	ENG BTL 1 DISCH	EXT	26-21-01	1	D10100	3	4	A
		L3	1	DB33	3	T8	A	ENG BTL 2 DISCH	EXT	26-21-01	1	D10102	3	4	A
		L4	1	DB33	3	T8	A	R ENG OVHT	FIRE DET	26-11-02	1	D10102	3	4	A
	M10444(YDO)	S1	18	DB33	17	T8	R	APU BTL	EXT	26-22-01	1	D866	3	4	A
		S2	18	DB29	17	T9	R	FWD	CARGO FIRE	26-16-01	2	D866	3	4	A
		S3	18	DB33	17	T8	A	AFT	CARGO FIRE	26-16-01	2	D866	3	4	A
		S3	18	DB33	17	T8	A	DISCH	CAP BTL DISCH	26-23-01	1	D864	3	4	A
	M10445(YEH)	S2	18	DB26	17	T8	A	FAIL P-RESET	SYS FAIL	26-11-01	2	D10104	3	4	A
	P9	M76(-)	---	DB25	---	T7	---	---	---	---	---	D465	27	23	---
		M77(-)	---	DR21	---	T4	---	---	---	---	---	D467	27	23	---
		L800	1	DB29	3	T7	W	PARK BRAKE SET	---	---	---	---	---	---	A
		M73(YAZ)	L1	1	DB33	3	T7	A	SPAR VALVE	L ENG FUEL CONT	28-22-01	4	D1469	3	4
	L2	1	DB33	3	T7	A	ENG VALVE	L ENG FUEL CONT	76-11-01	3	D1469	3	4	A	
	L3	1	DB29	3	T7	A	SPAR VALVE	R ENG FUEL CONT	28-22-01	4	D1471	3	4	A	
	L4	1	DB29	3	T7	A	ENG VALVE	R ENG FUEL CONT	76-11-01	3	D1471	3	4	A	
	L5	1	DB29	3	T7	A	REV ISLN	FUEL CONT	78-36-01	1	D1471	3	4	A	
	S1	---	DB33	---	---	---	---	L ENG FIRE	26-11-01	2	D1469	3	---	D	
	S3	---	DB29	---	---	---	---	R ENG FIRE	26-11-02	2	D1471	3	---	D	
P55	M90(-)	(SX)	---	DL10	---	T1	W	(SEE SYS SCHEM FOR INDIVIDUAL SW)	---	---	D475	3	9	E	
		(SX)	---	DR22	---	T4	W	---	---	---	D477	3	9	E	
	M91(-)	S3	13	DB25	14	T8	W	AUTO.	---	---	D869	4	5	A	
		S3	18	DB25	17	T8	W	MAN.	---	---	D869	4	5	A	
M92(-)	S3	13	DR21	14	T4	W	AUTO.	---	---	---	D871	4	5	A	
		S3	18	DR21	17	T4	W	MAN.	---	---	---	D871	4	5	A



PNL	IND	CONN	NOMENCLATURE	SCHEM	S	REF POINT
P1-2	N4	D107	L ELEX ATTD DIR IND	34-22-05	2	D2
	N5	D109	L ELEX HORIZ SITUATION IND	34-22-05	2	D2
P2	N10013	D205	EICAS UPPER DSPL IND	31-41-05	2	D2
	N10014	D207	EICAS LOWER DSPL IND	31-41-06	2	D2
P3-2	N44	D807	R ELEX ATTD DIR IND	34-22-05	2	D1
	N45	D809	R ELEX HORIZ SITUATION IND	34-22-05	2	D1



SYMBOL GENERATOR					AIR/GND RELAY	
SHELF	GEN	CONN	NOMENCLATURE	RELAY	CONN	
E1-2	M148	D425D	L ELEX FLT INSTR SYS SYM GEN	K177	D3534	
E1-4	M149	D413D	L ELEX FLT INSTR SYS SYM GEN	K143	D3554	
E1-5	M150	D373D	R ELEX FLT INSTR SYS SYM GEN	K149	D3516	



NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF M&T AND ARE SHOWN FOR REFERENCE ONLY

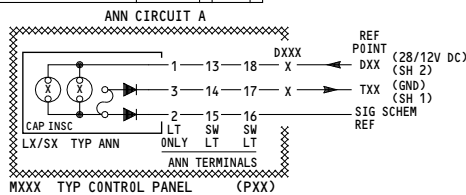
31 VB371-VB400 (231-233)

32 VK001-VK030 (234-236, 253-253, 264-269)

33 TABLE EFF FOR VB371-VB373 (231-233) ONLY.

32 L474 & L475 DIM REF PNT IS DB25 FOR VB374-VB400, VK009-VK020, VK023-VK030

33 L474 & L475 TEST REF PNT IS T7 FOR VB374-VB400, VK009-VK020, VK023-VK030



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SYSTEM ANNUNCIATOR LIGHTS table with columns for P/N, DIM, TEST, CAP, SYSTEM, SCHEM, CONTROL PNL. Includes panels like M1(YAS) APU CONTROL PANEL, M10(YCY) HYDRAULIC SYSTEM CONTROL PANEL, M13(-) CABIN PRESSURE SELECTOR PANEL, etc.

SYSTEM ANNUNCIATOR LIGHTS table with columns for P/N, DIM, TEST, CAP, SYSTEM, SCHEM, CONTROL PNL. Includes panels like M51(-) PILOTS CALL PANEL, M59(-) INERTIAL REFERENCE MODE PANEL, M111(YCG) ENTERTAINMENT PANEL, etc.

SYSTEM ANNUNCIATOR LIGHTS table with columns for P/N, DIM, TEST, CAP, SYSTEM, SCHEM, CONTROL PANEL. Includes panels like M10250(YAL) YAW DAMPER PANEL, M10394(YDL) ANNUNCIATOR PANEL, M10395(YDM) WINDOW HEAT CONTROL PANEL, etc.

NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF MD&T AND ARE SHOWN FOR REF ONLY. ALL ANNUNCIATORS ON THIS SHEET ARE PER ANN CIRCUIT A (SEE SH 3) EXCEPT WHERE NOTED.

41) WK001-VK030 (234-236, 253-253)

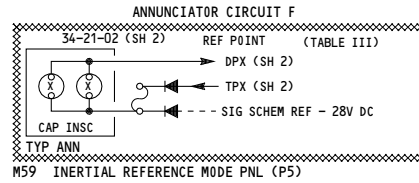
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SYSTEM ANNUNCIATOR LIGHTS												
P N L	LT/ SW	DIM LT PIN	TEST PT	CAP			SYSTEM	SCHEM	CONTROL PANEL			
				REF LT	REF PT	INSCRIPTION			S H	CONN	DIM PIN	TEST PIN
<b>P5 M10394(YDL) ANNUNCIATOR PANEL</b>												
L1	1	DR17	3	T5	A	ENTRY DOORS		52-70-01	1	D1678	3	4
L2	1	DR17	3	T5	A	EMER DOORS		52-70-01	2	D1678	3	4
L3	1	DR17	3	T5	A	CARGO DOORS		52-70-01	3	D1678	3	4
L4	1	DR17	3	T5	A	ACCESS DOORS		52-70-01	3	D1678	3	4
L5	1	DB33	3	T8	A	CAPT PITOT		30-31-01	1	D2890	3	4
L6	1	DR17	3	T5	A	F/O PITOT		30-31-01	1	D1678	3	4
L7	1	DB33	3	T8	A	L AOA		30-32-01	1	D2890	3	4
L8	1	DR17	3	T5	A	R AOA		30-32-01	1	D1678	3	4
L9	1	DR17	3	T5	A	L AUX PITOT		30-31-01	2	D1678	3	4
L10	1	DB33	3	T8	A	R AUX PITOT		30-31-01	2	D2890	3	4
L11	1	DL1	3	T2	A	TAT		30-33-01	1	D2888	3	4
L12	1	DR17	3	T5	W	---	SPARE	---	---	D1678	3	4
L13	1	DB33	3	T8	A	STAB. TRIM		27-40-01	5	D2890	3	4
L14	1	DB33	3	T8	A	SPOILERS		27-61-01	7	D2890	3	4
L15	1	DR17	3	T5	A	AUTO SPD BRK		27-62-01	2	D1678	3	4
L16	1	DB33	3	T8	W	---	SPARE	---	---	D2890	3	4
L17	1	DB33	3	T8	A	UNSCHEG. TRIM		27-40-01	5	D2890	3	4
L18	1	DB33	3	T8	A	RUDDER RATI0		27-20-02	2	D2890	3	4
L19	1	DB33	3	T8	A	ANTI SKID		52-14-04	2	D2890	3	4
L20	1	DB33	3	T8	A	AIL. LOCK		27-10-02	2	D2890	3	4
L21	1	DB33	3	T8	W	---	SPARE	---	---	D2890	3	4
L22	1	DL1	3	T2	A	PARK BRAKE VALVE		32-41-01	1	D2888	3	4
L23	1	DL1	3	T2	A	---	SPARE	---	---	D2888	3	4
L24	1	DB33	3	T8	A	---	SPARE	---	---	D2890	3	4
L25	1	DL1	3	T2	W	---	SPARE	---	---	D2888	3	4
L26	1	DL1	3	T2	W	---	SPARE	---	---	D2888	3	4
L27	1	DB33	3	T8	W	---	SPARE	---	---	D2890	3	4
L28	1	DR17	3	T5	W	---	SPARE	---	---	D1678	3	4
<b>M10395(YDM) WINDOW HEAT CONTROL PANEL</b>												
S1	18	DL6	17	T2	A	INOP	R SIDE WDO HT	30-41-01	1	D876	3	4
S2	18	DR17	17	T5	A	INOP	R FWD WDO HT	30-41-02	1	D878	3	4
S3	18	DL6	17	T2	A	INOP	L FWD WDO HT	30-41-01	1	D876	3	4
S4	18	DR17	17	T5	A	INOP	L SIDE WDO HT	30-41-02	1	D878	3	4
<b>M10397(YDN) WING AND ENGINE ANTI-ICE CONTROL PANEL</b>												
L1	1	DB25	3	T9	A	VALVE	L WG ANTI-ICE	30-11-01	1	D890	3	4
L2	1	DB30	3	T9	A	VALVE	R WG ANTI-ICE	30-11-01	1	D888	3	4
L3	1	DB30	3	T9	A	ICING	ENGINE	30-81-01	1	D888	3	4
S1	18	DB30	17	T9	A	VALVE	L ENG ANTI-ICE	30-21-01	1	D888	3	4
S2	18	DB25	17	T9	A	VALVE	R ENG ANTI-ICE	30-21-01	1	D890	3	4
<b>M10761 (YHW) EEC CONTROL MODULE</b>												
S1	18	DB33	17	T8	A	ALTN	L EEC	73-21-01	1	D2083	3	4
S2	18	DB31	17	T18	A	ALTN	R EEC	73-21-01	1	D2085	3	4
<b>P6 M1033(YDS) FLIGHT RECORDER CONTROL PANEL</b>												
L1	1	DL11	3	T11	W	OFF	FLIGHT REC	31-31-01	1	D493	3	4
<b>M1087(YDW) HYDRAULICS/GENERATOR FIELD CONTROL PANEL</b>												
S1	18	DR16	17	T14	A	OFF	WG R FLT CONT	27-00-01	1	D10114	3	4
S2	18	DR16	17	T14	A	OFF	TL R FLT CONT	27-00-01	2	D10114	3	4
S3	18	DL8	17	T11	A	OFF	WG C FLT CONT	27-00-01	1	D10112	3	4
S4	18	DL8	17	T11	A	OFF	TL C FLT CONT	27-00-01	2	D10112	3	4
S5	18	DL4	17	T11	A	OFF	WG L FLT CONT	27-00-01	1	D10110	3	4
S6	18	DL4	17	T11	A	OFF	TL L FLT CONT	27-00-01	2	D10110	3	4
S7	18	DB28	17	T18	W	FIELD OFF	R GEN	24-20-02	1	D10112	13	14
S8	18	DB28	17	T18	W	FIELD OFF	APU GEN	24-20-03	1	D10112	13	14
S9	18	DB28	17	T18	W	FIELD OFF	L GEN	24-20-01	1	D10112	13	14
<b>M1216(YER) RESERVE BRAKES &amp; STEERING PANEL</b>												
L1	1	DL8	3	T11	W	ISLN	C HYD SYS	29-00-04	1	D10732	3	4
<b>L755 FWD LAV OCCUPIED LT</b>												
-	1	DL11	3	TL11	W	FWD LAV OCCUP	FWD LAV	33-26-21	-	-	1	3



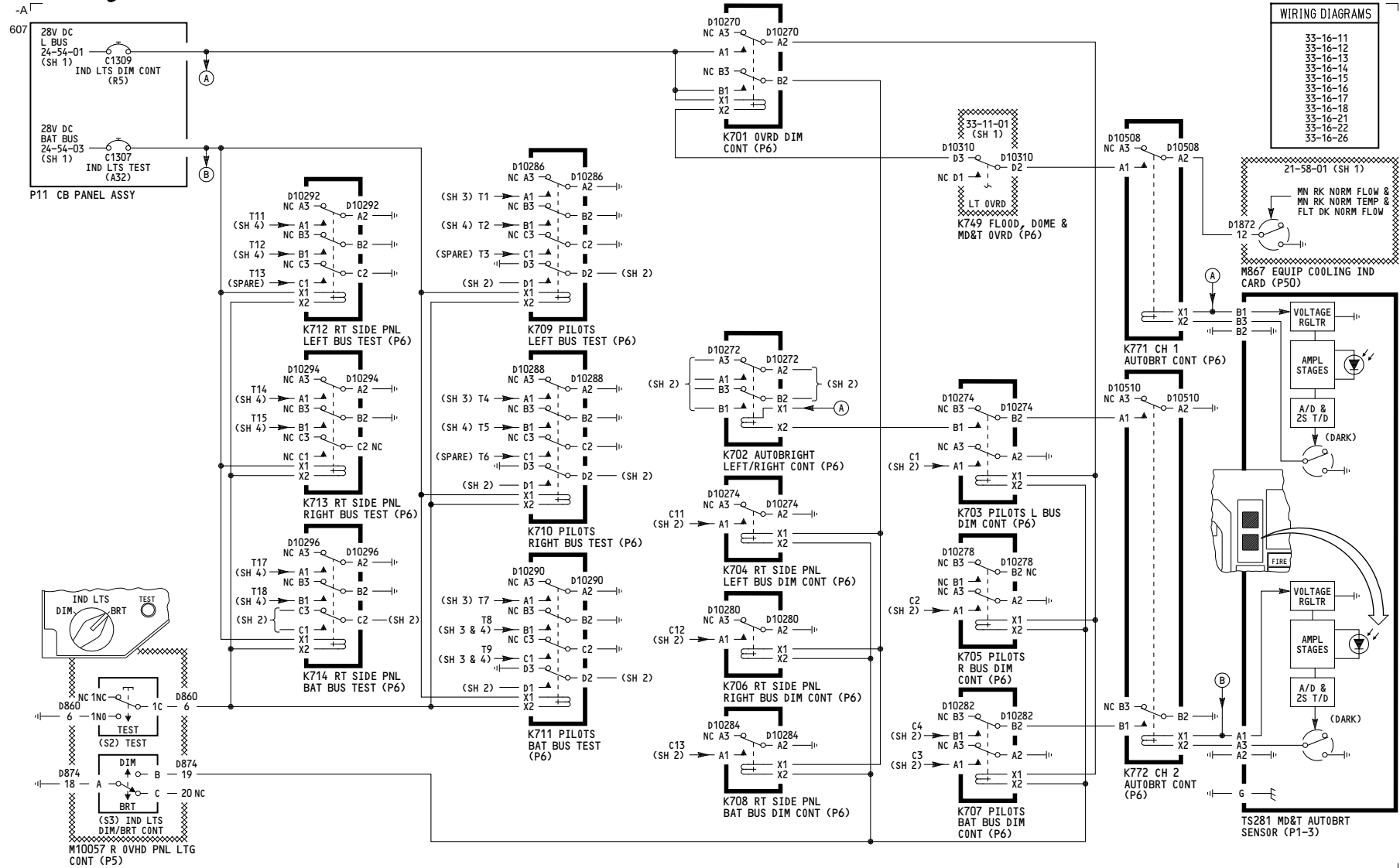
NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF MD&T AND ARE SHOWN FOR REF ONLY.  
ALL ANNUNCIATORS ON THIS SHEET ARE PER ANN CIRCUIT A (SEE SH 3) EXCEPT WHERE NOTED.

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TABLE I - TYP ANNUCIATOR BRIGHT/DIM CIRCUIT

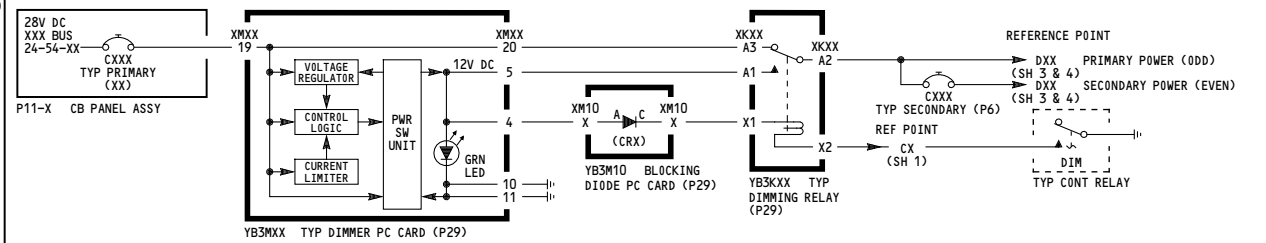
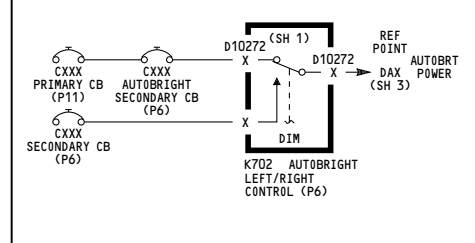


TABLE II - TYP ANNUCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT



PRIMARY CIRCUIT BREAKER				DIMMER PC CARD				DIODE		DIMMING RELAY				CONT RLY		SECONDARY CIRCUIT BREAKER				REF POINT		
CB	GRID LOC	PNL	NOMENCLATURE	BUS	SCHEM	SH	CARD	CONN	NOMENCLATURE	(CR)	TERM A	TERM C	RELAY	CONN	NOMENCLATURE	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR
C1293	R1	P11-3	IND LTS L1	L	24-54-01		YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1	NONE
C1297	R2		IND LTS L2				YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5	DL6
C1298	R3		IND LTS L3				YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9	DL10
C1273	R28	P11-6	IND LTS R1	R	24-54-02		YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13	NONE
C1274	R29		IND LTS R2				YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 K29	K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR15	DR16
C1284	R30		IND LTS R3				YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR17	DR18
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03		YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25	DB26
C1308	A34		IND LTS 2				YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29	DB30
C1200	A35		IND LTS 3				YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33	NONE

(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY			AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT	
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6	
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18	
								(DA36)	

TABLE III - M59 PANEL ANNUCIATOR DIM/TEST CIRCUITS

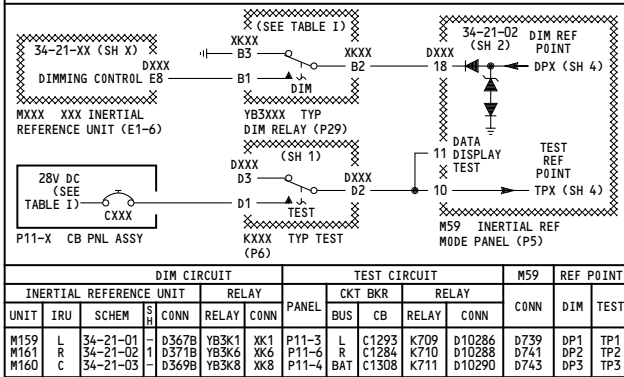
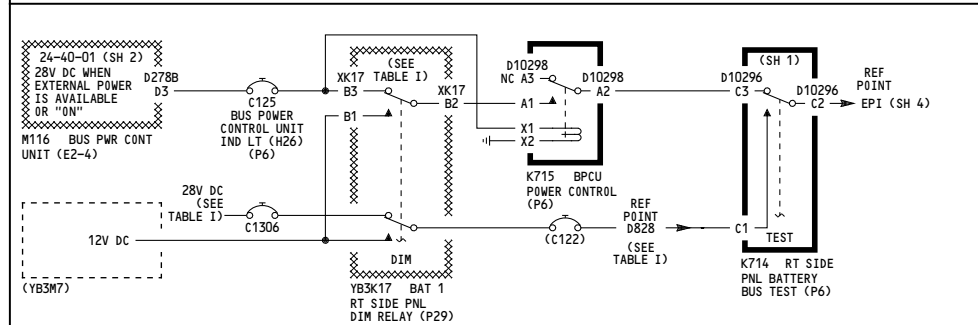


TABLE IV - EXTERNAL POWER ANNUCIATOR (AVAIL/ON) POWER/DIM CIRCUIT



NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

BRIGHT/DIM POWER DISTRIBUTION

UNIT	DIM CIRCUIT			TEST CIRCUIT				M59 CONN	REF POINT					
	IRU	SCHEM	SH	PANEL CONN	RELAY CONN	RELAY CONN	RELAY CONN		DIM	TEST	TEST			
M159	L	34-21-01	1	D367B	YB3K1	XK1	P11-3	L	C1293	K709	D10286	D739	DP1	TP1
M161	R	34-21-02	1	D371B	YB3K6	XK6	P11-6	R	C1284	K710	D10288	D741	DP2	TP2
M160	C	34-21-03	1	D369B	YB3K8	XK8	P11-4	BAT	C1308	K711	D10290	D743	DP3	TP3

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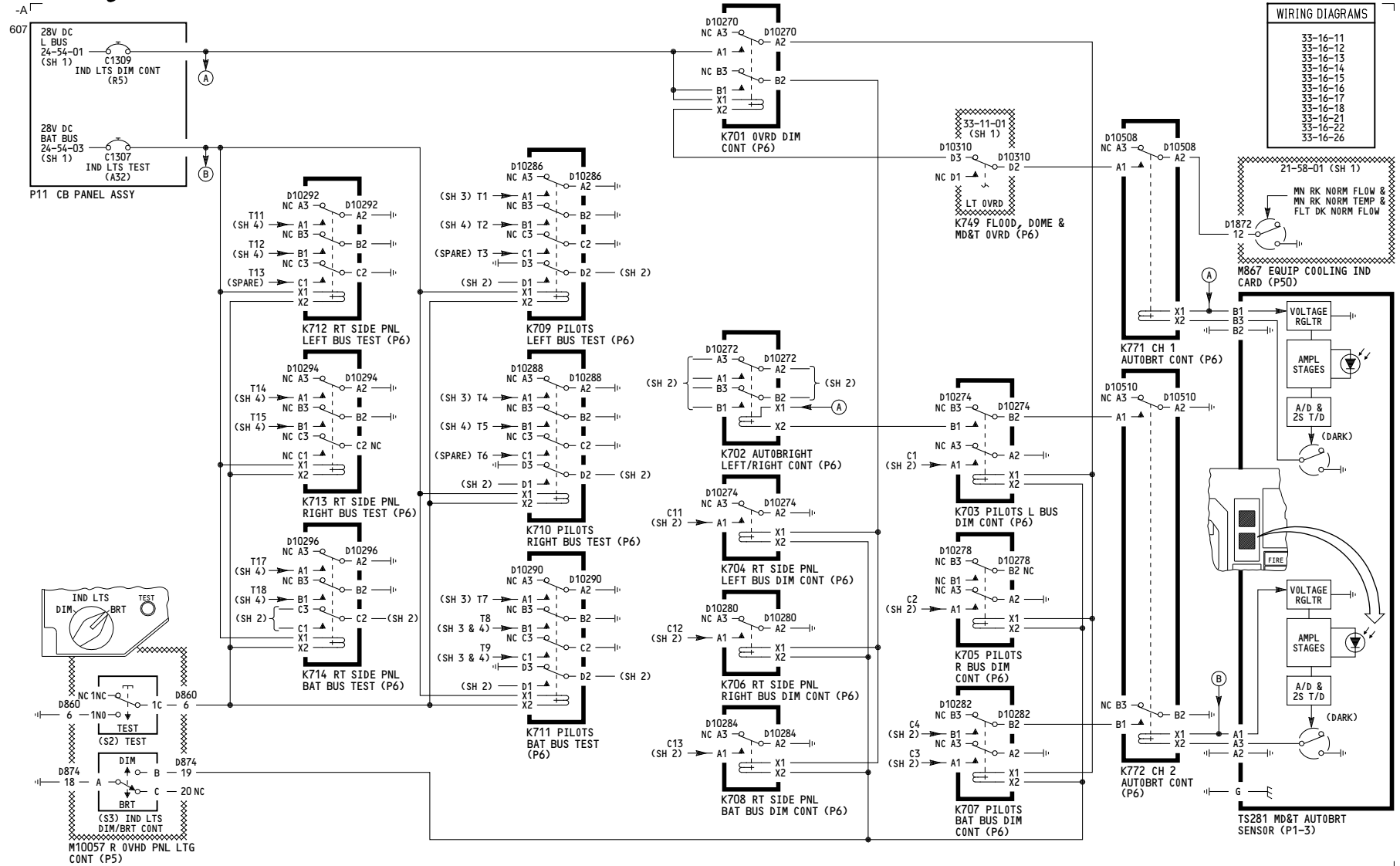
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WIRING DIAGRAMS	
33-16-11	
33-16-12	
33-16-13	
33-16-14	
33-16-15	
33-16-16	
33-16-17	
33-16-18	
33-16-21	
33-16-22	
33-16-26	

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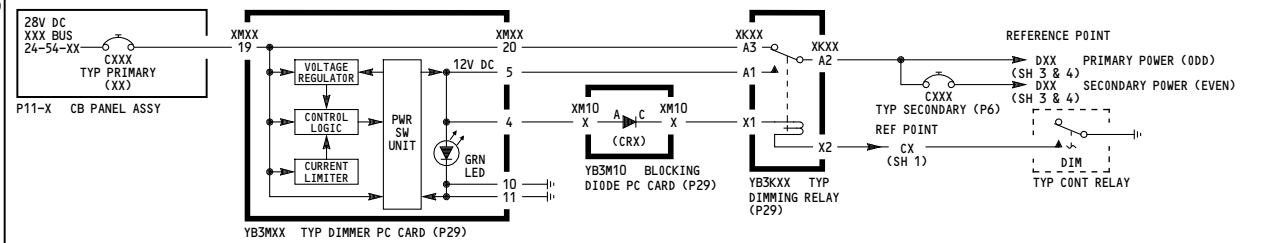
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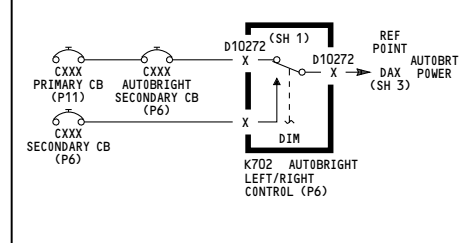
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**TABLE I - TYP ANNUCIATOR BRIGHT/DIM CIRCUIT**



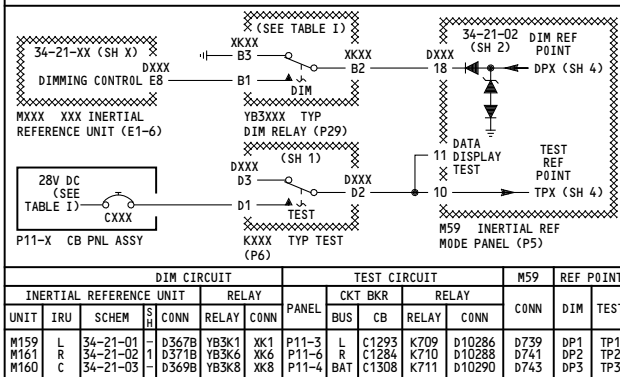
**TABLE II - TYP ANNUCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT**



PRIMARY CIRCUIT BREAKER				DIMMER PC CARD				DIODE		DIMMING RELAY				CONT RLY				SECONDARY CIRCUIT BREAKER				REF POINT	
CB	GRID LOC	PNL	NOMENCLATURE	BUS	SCHEM	SH	CARD	CONN	NOMENCLATURE	(CR)	TERM A	TERM C	RELAY	CONN	NOMENCLATURE	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR	
C1293	R1	P11-3	IND LTS L1	L	24-54-01		YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1	NONE	
C1297	R2		IND LTS L2				YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5	DL6	
C1298	R3		IND LTS L3				YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9	DL10	
C1273	R28	P11-6	IND LTS R1	R	24-54-02		YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13	NONE	
C1274	R29		IND LTS R2				YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 K29	K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR15	DR16	
C1284	R30		IND LTS R3				YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR17	DR18	
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03		YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25	DB26	
C1308	A34		IND LTS 2				YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29	DB30	
C1200	A35		IND LTS 3				YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33	NONE	

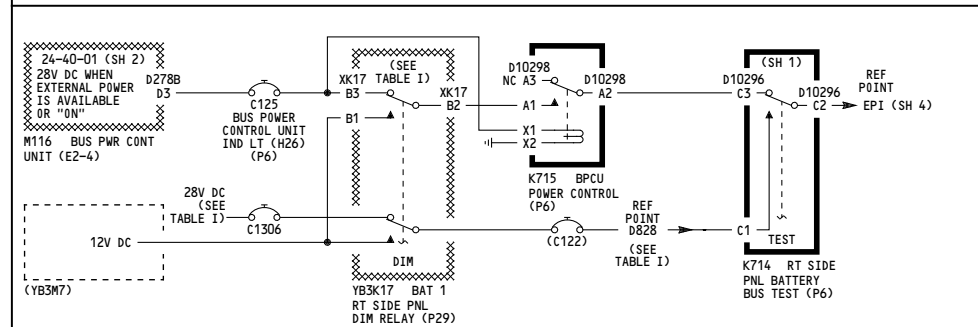
(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY			AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT	
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6	
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18	
								(DA36)	

**TABLE III - M59 PANEL ANNUCIATOR DIM/TEST CIRCUITS**



BRIGHT/DIM POWER DISTRIBUTION

**TABLE IV - EXTERNAL POWER ANNUCIATOR (AVAIL/ON) POWER/DIM CIRCUIT**



NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

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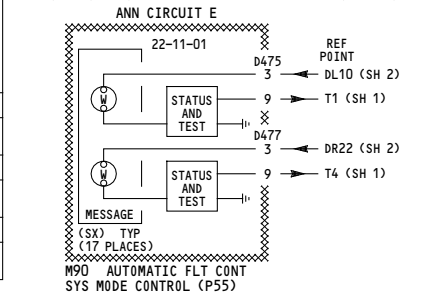
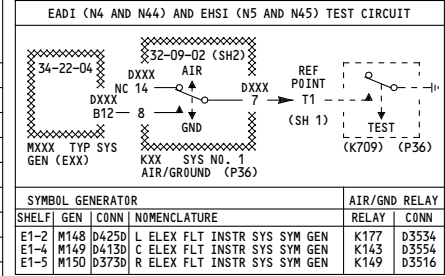
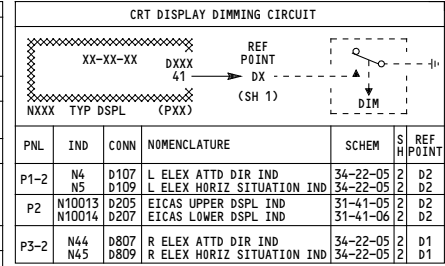
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PNL	IND/ LT/ SW	ANNUNCIATOR LIGHT							EQUIPMENT NOMENCLATURE	SCHEM	CONN	C	K
		DIM		TEST		CAP							
		REF PIN	REF PT	REF PIN	REF PT	X	INSC	INSC					
P1-3	L19 L119 L136 L474 L475 L585 L586 L587 L591 L603 L605 L716 L890 M779	1 DA18 1 DA18 1 DA18 1 DB25 1 DB25 1 DB33 1 DB33 1 DB33 1 DA18 1 DA18 1 DB25 1 DL6 1 DA8	3 T4 3 T4 3 T4 3 T7 3 T7 3 T7 3 T7 3 T4 3 T4 3 T7 3 T1 3 T1	A/A/P A/AUTO BRKES A/ALT ALERT A/L ENG OIL PRESS. A/R ENG OIL PRESS. W/INNER/AIRWAYS MIDDLE B/OUTER A/A/T DISC. A/A/P DISC. A/BRAKE SOURCE A/SPEED BRKES LT R/WINDSHEAR	A/P CTN LT AUTO. BRK LT ALT ALERT LT L OIL PRESSURE LT R OIL PRESSURE LT CAPT INNER MKR BCN LT CAPT MIDDLE MKR BCN LT CAPT OUTER MKR BCN LT A/T DISC. FMC ANN LT BRK SOURCE PRESS. LT SPEED BRKS LT WINDSHEAR LT	22-10-02 32-42-03 34-16-01 79-00-01 79-00-01 34-32-01 34-32-01 22-30-02 34-61-02 32-41-01 31-51-04 34-46-01	3 2 1 1 1 1 1 1 1 1 1 1 1	— A A A A A A A A A A A A A	— A A A A A A A A A A A A	— A A A A A A A A A A A A	— A A A A A A A A A A A	— A A A A A A A A A A A	
A1 A4 B4 C1 C4 D1 D4 E4 F1 F4 N8 S16 S547	DA36 DA18 DA18 DA36 DA6 DA6 DA18 DA6 DA18 DL6	A3 A6 B3 B6 C6 D3 D6 E6 F3 F6	T7 T4 T7 T4 T7 T7 T7 T7 T7 T7	R R R R R R R R R R	FIRE FIRE CONFIG CONFIG PULL UP PULL UP A/P DISC. A/P DISC. CABIN ALT CABIN ALT OVSPD OVSPD	26-11-01 31-51-03 34-46-01 22-10-02 21-33-01 34-12-02 34-16-01 34-46-01 29-00-04	2 — — 3 — — — — — — — —	— B B B B B B B B B B B B	— — — — — — — — — — — — —	— B B B B B B B B B B B	— B B B B B B B B B B B	— B B B B B B B B B B B	
P3-1	L652 L653 L654 L657 L658 L660 L661 L663 L680 L804 L804	1 DB26 4 DR13 1 DB26 4 DR13 4 DB26 4 DR13 4 DR13 1 DL1 1 DB33 1 DL6 1 DL6	3 T7 6 T4 3 T7 6 T4 6 T4 6 T4 6 T4 T1 T7 T1 T1	G G G A A A A W W W A	LEFT RIGHT NOSE GEAR DOORS TE LE BRAKE TEMP WHL WELL FIRE (BLANK) TAIL SKID	32-61-01 32-61-01 32-61-01 32-61-01 32-61-01 27-58-03 27-88-01 32-46-01 26-17-01 32-71-01	2 2 2 4 6 — — — — — —	— B B B B B A A A A A	— B B B B B A A A A A	— B B B B B A A A A A	— B B B B B A A A A A	— B B B B B A A A A A	
P3-3	L588 L589 L590 N48	1 DB33 1 DB33 1 DB33 1 DL6	3 T7 3 T7 3 T7 9 T7	W A B W	INNER/AIRWAYS MIDDLE OUTER ALT	34-32-01 34-32-01 34-32-01 34-16-01	— — — —	— A A A	— A A A	— A A A	— A A A	— A A A	— A A A
P7	S507 L818 S508 DR21	13 DB26 DL9 13 DB30 DR21	14 T8 17 T1 14 T8 17 T4	R A R A	WARNING CAUTION WARNING CAUTION	31-51-02 31-41-06 31-51-02 31-41-06	— — — —	— A A A	— A A A	— A A A	— A A A	— A A A	— A A A
P8	S37 S38 S39	1 DB33 1 DB29 1 DB29	— — —	R R R	L R APU	26-11-01 26-11-02 26-15-01	2 2 1	D836 D862 D846	C C C	— — —	— — —	— — —	— — —

PNL	LT/ SW	ANNUNCIATOR LIGHT							SYSTEM	SCHEM	S	CONT PANEL			C	K	T
		DIM		TEST		CAP											
		REF PIN	REF PT	REF PIN	REF PT	X	INSC	INSC				CONN	DIM	TEST			
P8	M81(-)	DUAL AIR TRAFFIC CONTROL PANEL												D303	18	21	—
NC	M10443(YEG)	ENGINE FIRE CONTROL PANEL												D305	18	—	—
L1 L2 L3 L4	1 DB29 1 DB29 1 DB33 1 DB33	3 T9 3 T9 3 T8 3 T8	A A A A	L ENG OVHT L ENG BTL 1 DISCH R ENG BTL 2 DISCH R ENG OVHT	FIRE DET EXT EXT FIRE DET	26-11-01 26-21-01 26-21-01 26-11-02	2 3 3 3	D10100 D10100 D10102 D10102	3 4 4 4	A A A A	— — — —	— — — —	— — — —	— — — —	— — — —		
L1 L2 S1 S2 S3	1 DB29 1 DB33 18 DB33 18 DB29 18 DB33	3 T9 3 T8 17 T8 17 T9 17 T8	A A R R R	APU BTL 1 DISCH APU BTL 2 DISCH FWD CARGO FIRE R ENG OVHT CAP BTL DISCH	EXT EXT CARGO FIRE CARGO FIRE DISCH	26-22-01 26-22-01 26-16-01 26-16-01 26-23-01	— — 2 2 1	D866 D864 D864 D866 D864	3 3 3 3 3	A A A A A	— — — — —	— — — — —	— — — — —	— — — — —	— — — — —		
S2	18 DB26	17 T8	A	FAIL P-RESET	SYS FAIL	26-11-01	2	D10104	3	4	A	—	—	—	—	—	
P9	M76(-)	LEFT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT															
	DB25	T7				34-61-02	2	D465	27	23	—	—	—	—	—	—	
	M77(-)	RIGHT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT															
	DR21	T4				34-61-04	—	D467	27	23	—	—	—	—	—	—	
P10	L592	1 DB29	3 T7	W	PARK BRAKE SET	32-41-01	1	—	—	—	—	—	—	—	—	—	
	M73(YAZ)	FUEL CONTROL PANEL															
L1 L2 L3 L4 L5 S1 S2 S3	1 DB33 1 DB33 1 DB29 1 DB29 1 DB29 — — —	3 T7 3 T7 3 T7 3 T7 3 T7 — — —	A A A A A R R R	SPAR VALVE ENG VALVE SPAR VALVE ENG VALVE REV ISLN L ENG FIRE R ENG FIRE	L ENG FUEL CONT L ENG FUEL CONT R ENG FUEL CONT R ENG FUEL CONT FUEL CONT L ENG FIRE R ENG FIRE	28-22-01 76-11-01 28-22-01 76-11-01 78-36-01 26-11-01 26-11-02	4 3 4 3 1 2 3	D1469 D1469 D1471 D1471 D1471 D1469 D1471	3 3 3 3 3 3 3	A A A A A D D	— — — — — — —	— — — — — — —	— — — — — — —	— — — — — — —	— — — — — — —		
P55	M90(-)	AUTOMATIC FLIGHT CONTROL SYSTEM MODE CONTROL PANEL															
(SX)	DL10 DR22	— —	T1 T4	W W	(SEE SYS SCHEM FOR INDIVIDUAL SW)	22-10-01 22-10-01	— —	D475 D477	3 3	9 9	E E	— —	— —	— —	— —	— —	
	M91(-)	LEFT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL															
S3	13 DB25 18 DB25	14 T8 17 T8	W W	AUTO. MAN.		34-51-01 34-51-01	— —	D869 D869	4 4	5 5	A A	— —	— —	— —	— —	— —	
	M92(-)	RIGHT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL															
S3	13 DR21 18 DR21	14 T4 17 T4	W W	AUTO. MAN.		34-51-02 34-51-02	— —	D871 D871	4 4	5 5	A A	— —	— —	— —	— —	— —	



NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF MD&T AND ARE SHOWN FOR REFERENCE ONLY

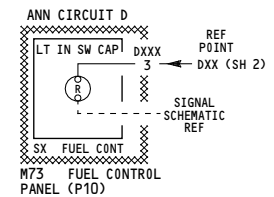
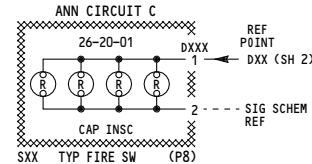
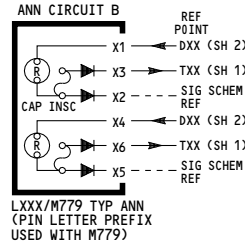
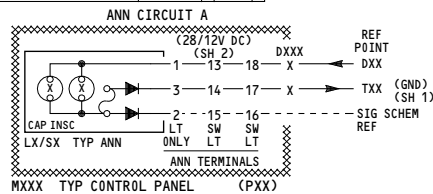
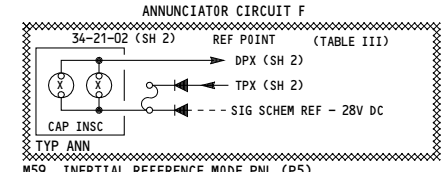


Table with columns: P/N, L/SW, DIM, TEST, CAP, INSCRIPTION, SYSTEM, SCHEM, CONN, DIM, TEST, CONTROL PNL. Includes sub-sections like M1(YAS) APU CONTROL PANEL, M10(CY) HYDRAULIC SYSTEM CONTROL PANEL, M13(-) CABIN PRESSURE SELECTOR PANEL, etc.

Table with columns: P/N, L/SW, DIM, TEST, CAP, INSCRIPTION, SYSTEM, SCHEM, CONN, DIM, TEST, CONTROL PNL. Includes sub-sections like M51(-) PILOTS CALL PANEL, M59(-) INERTIAL REFERENCE MODE PANEL, M111(YDG) ENTERTAINMENT PANEL, etc.

Table with columns: P/N, L/SW, DIM, TEST, CAP, INSCRIPTION, SYSTEM, SCHEM, CONN, DIM, TEST, CONTROL PNL. Includes sub-sections like M10394(YDL) ANNUNCIATOR PANEL, M10395(YDM) WINDOW HEAT CONTROL PANEL, M10397(YDN) WING AND ENGINE ANTI-ICE CONTROL PANEL, etc.

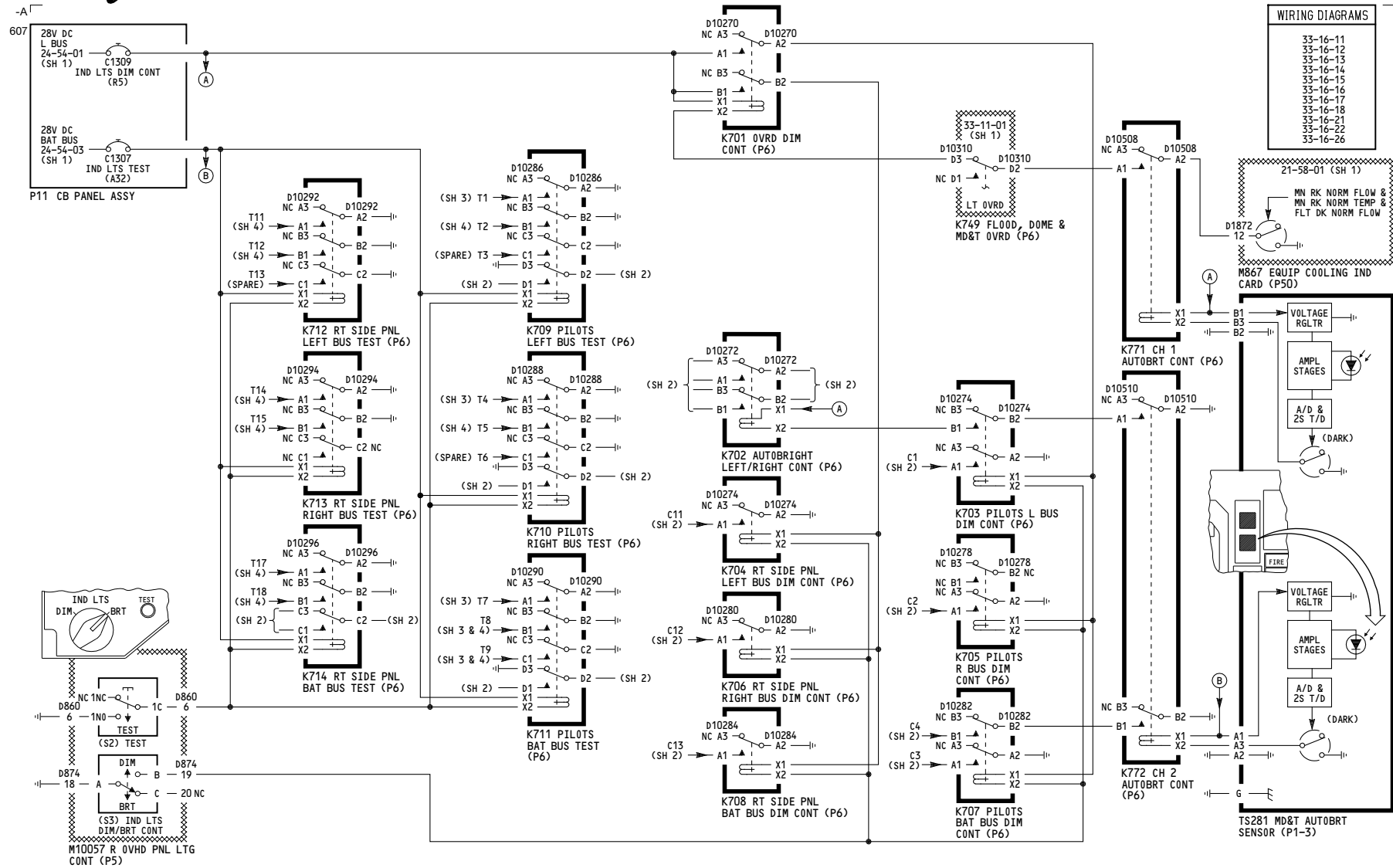


NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF MD&T AND ARE SHOWN FOR REF ONLY. ALL ANNUNCIATORS ON THIS SHEET ARE PER ANN CIRCUIT A (SEE SH 3) EXCEPT WHERE NOTED.

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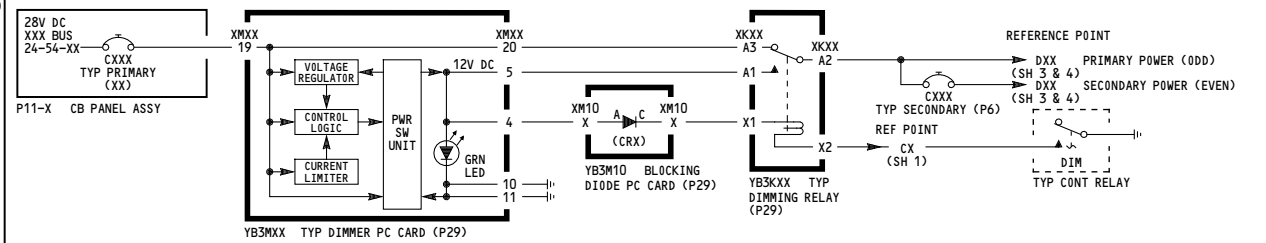
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33-16-15	
33-16-16	
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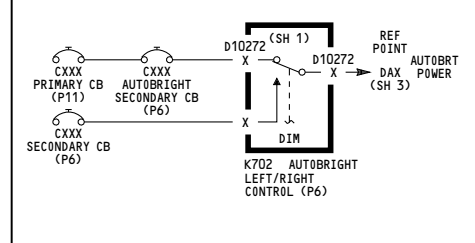
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TABLE I - TYP ANNUCIATOR BRIGHT/DIM CIRCUIT



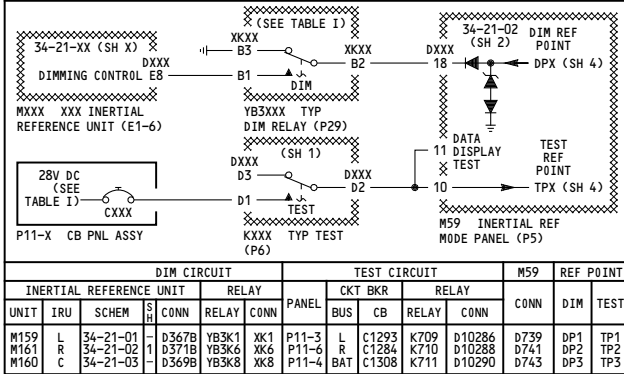
PRIMARY CIRCUIT BREAKER				DIMMER PC CARD				DIODE		DIMMING RELAY				CONT RLY		SECONDARY CIRCUIT BREAKER				REF POINT		
CB	GRID LOC	PNL	NOMENCLATURE	BUS	SCHEM	SH	CARD	CONN	NOMENCLATURE	(CR)	TERM A	TERM C	RELAY	CONN	NOMENCLATURE	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR
C1293	R1	P11-3	IND LTS L1	L	24-54-01		YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1 DL3	NONE DL4
C1297	R2		IND LTS L2				YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5 DL7	DL6 DL8
C1298	R3		IND LTS L3				YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9 DL11	DL10 NONE
C1273	R28	P11-6	IND LTS R1	R	24-54-02		YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13 DR15	NONE DR16
C1274	R29		IND LTS R2				YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 K29	K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR17 DR19	DR18 DR20
C1284	R30		IND LTS R3				YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR21 NONE	DR22 NONE
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03		YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25 DB27	DB26 DB28
C1308	A34		IND LTS 2				YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29 DB31	DB30 DB32
C1200	A35		IND LTS 3				YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33 NONE	DA36 NONE

TABLE II - TYP ANNUCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT



(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY			AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT	
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6	
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18	
---	---	---	---	---	---	---	---	(DA36)	

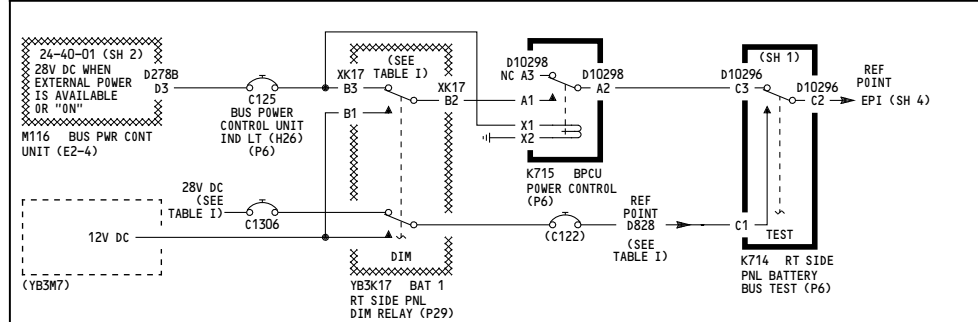
TABLE III - M59 PANEL ANNUCIATOR DIM/TEST CIRCUITS



DIM CIRCUIT				TEST CIRCUIT				M59		REF POINT			
UNIT	IRU	SCHEM	SH	CONN	RELAY	CONN	PANEL	CONN	DIM	TEST			
M159	L	34-21-01	1	D367B	YB3K1	XK1	P11-3	L	C1293	D10286	D739	DP1	TP1
M161	R	34-21-02	1	D371B	YB3K6	XK6	P11-6	R	C1284	D10288	D741	DP2	TP2
M160	C	34-21-03	1	D369B	YB3K8	XK8	P11-4	BAT	C1308	D10290	D743	DP3	TP3

BRIGHT/DIM POWER DISTRIBUTION

TABLE IV - EXTERNAL POWER ANNUCIATOR (AVAIL/ON) POWER/DIM CIRCUIT



NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

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MASTER DIM AND TEST

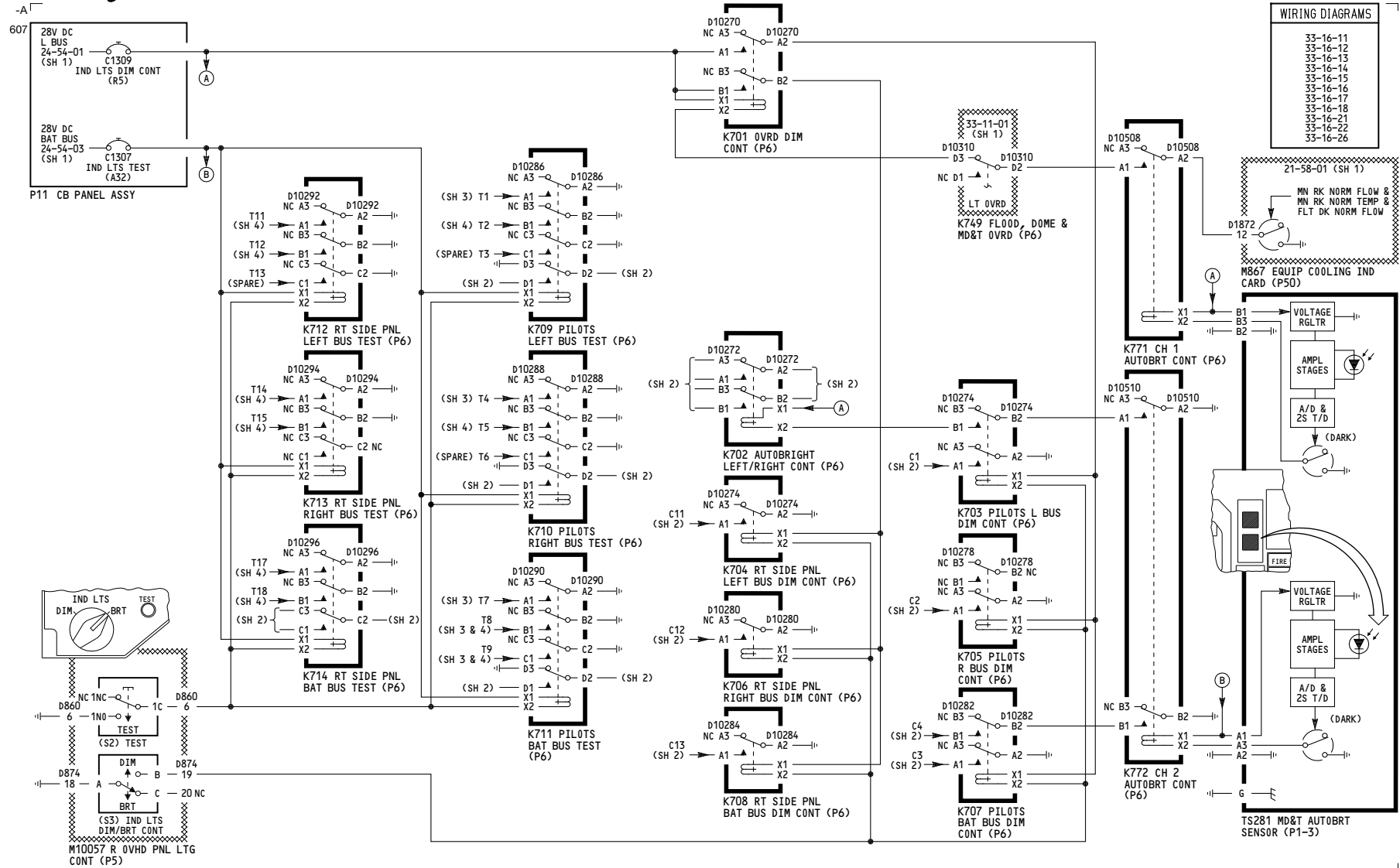
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WIRING DIAGRAMS	
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33-16-16	
33-16-17	
33-16-18	
33-16-21	
33-16-22	
33-16-26	

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**MASTER DIM AND TEST**

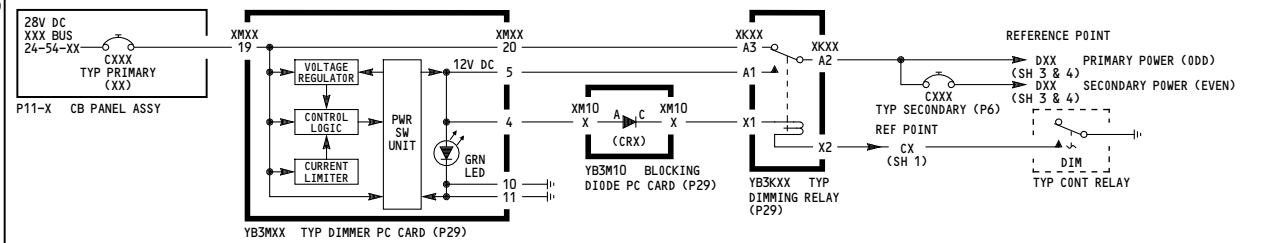
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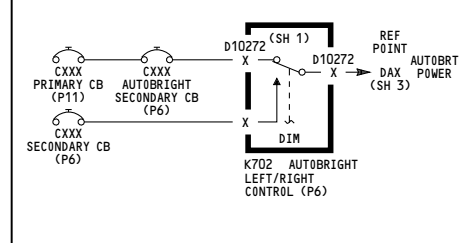
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**TABLE I - TYP ANNUCIATOR BRIGHT/DIM CIRCUIT**



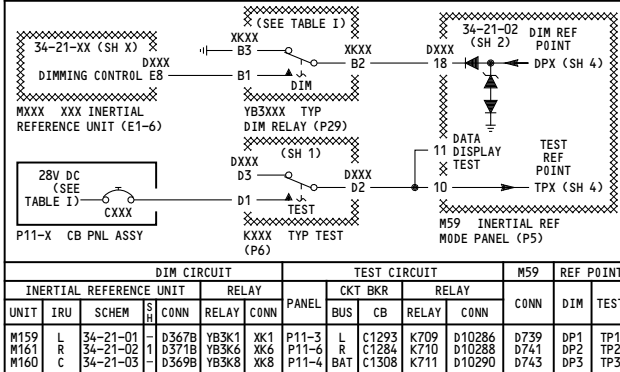
PRIMARY CIRCUIT BREAKER				DIMMER PC CARD				DIODE		DIMMING RELAY				CONT RLY		SECONDARY CIRCUIT BREAKER				REF POINT		
CB	GRID LOC	P/NL	NOMENCLATURE	BUS	SCHEM	SH	CARD	CONN	NOMENCLATURE	(CR)	TERM A	TERM C	RELAY	NOMENCLATURE	CONN	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR
C1293	R1	P11-3	IND LTS L1	L	24-54-01		YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1	NONE
C1297	R2		IND LTS L2				YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5	DL6
C1298	R3		IND LTS L3				YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9	DL10
C1273	R28	P11-6	IND LTS R1	R	24-54-02		YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13	NONE
C1274	R29		IND LTS R2				YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 K29	K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR15	DR16
C1284	R30		IND LTS R3				YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR17	DR18
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03		YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25	DB26
C1308	A34		IND LTS 2				YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29	DB30
C1200	A35		IND LTS 3				YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33	NONE

**TABLE II - TYP ANNUCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT**



(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY		AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18
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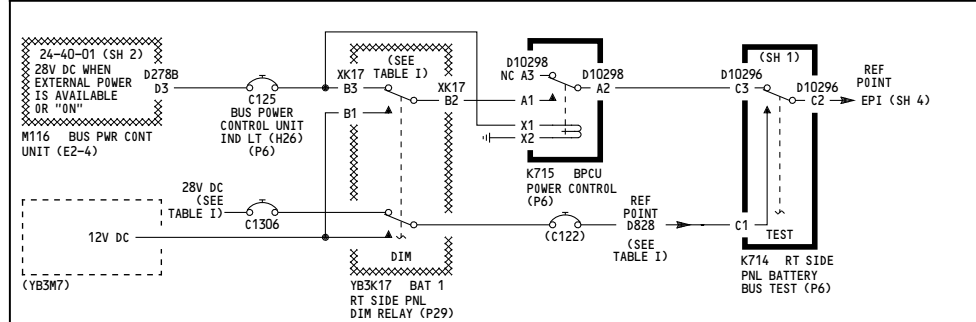
**TABLE III - M59 PANEL ANNUCIATOR DIM/TEST CIRCUITS**



DIM CIRCUIT				TEST CIRCUIT				M59		REF POINT	
UNIT	IRU	SCHEM	SH	PANEL CONN	RELAY CONN	RELAY	RELAY CONN	CONN	DIM	TEST	
M159	L	34-21-01	1	D367B	YB3K1	XK1	P11-3	L	C1293	D10286	
M161	R	34-21-02	1	D371B	YB3K6	XK6	P11-6	R	C1284	D10288	
M160	C	34-21-03	1	D369B	YB3K8	XK8	P11-4	BAT	C1308	D10290	

BRIGHT/DIM POWER DISTRIBUTION

**TABLE IV - EXTERNAL POWER ANNUCIATOR (AVAIL/ON) POWER/DIM CIRCUIT**



NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

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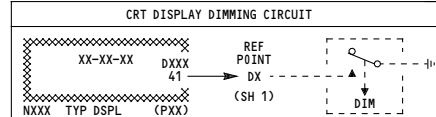




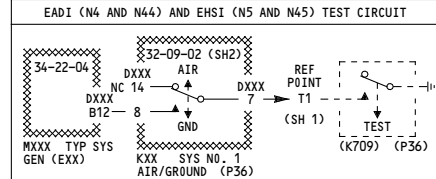
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PNL	IND/ LT/ SW	ANNUNCIATOR LIGHT		EQUIPMENT NOMENCLATURE	SCHEM	CON	K	C
		DIM	TEST					
		REF PIN	REF PIN	INSC				
P1-3	L19 L119 L136 L474 L475 L585 L586 L587 L591 L603 L605 L716 L890	1 DA18 1 DA18 1 DA18 1 DB25 1 DB25 1 DB33 1 DB33 1 DA18 1 DA18 1 DB25 1 DL6 1 DA8	3 T4 3 T4 3 T4 3 T7 3 T7 3 T7 3 T7 3 T4 3 T4 3 T7 3 T1 3 T1	A/A/P A AUTO BRAKES A ALT ALERT L ENG OIL PRESS. R ENG OIL PRESS. W INNER/AIRWAYS MIDDLE B OUTER A/T DISC. FMC ANN LT A BRAKE SOURCE T SPEED BRKES LT R WINDSHEAR	22-10-02 32-42-03 34-16-01 79-00-01 79-00-01 34-32-01 34-32-01 22-30-02 34-61-02 32-41-01 31-51-04 34-46-01	3	A	A
M779	A1 A4 B1 B4 C1 C4 D1 D4 E1 E4 F1 F4	DA36 DA18 DA36 DA18 DA36 DA6 DA18 DA36 DA18 DA18 DA18 DA18	A3 T7 A6 T4 B3 T7 B6 T4 C3 T7 C6 T7 D3 T7 D6 T4 E3 T7 E6 T1 F3 T4 F6 T4	R FIRE R FIRE R CONFIG R CONFIG R PULL UP R PULL UP R A/P DISC. R A/P DISC. R CABIN ALT R CABIN ALT R OVSPD R OVSPD	26-11-01 31-51-03 34-46-01 22-10-02 21-33-01 34-12-02	2	B	B
N8	11	DL6	9 T1	W ALT	34-16-01	1	D11	A
S16	13 14	DA6 DA6	14 T1 17 T1	A GND A PRGX G/S INHB VALVE	34-46-01 34-46-01 29-00-04	2 2 1	A A A	A A A
S547	18	DB25	17 T7	A RSV BRKS AND STRG SEL SW	29-00-04	1	A	A
P3-1	L652 L653 L654 L657 L658 L660 L661 L663 L680 L804 L804	1 DB26 4 DR13 1 DB26 4 DR13 1 DB26 4 DR13 1 DB26 4 DR13 1 DR13 1 DR13 1 DL1 1 DB33 1 DL6 1 DL6	3 T7 6 T4 3 T7 6 T4 3 T7 6 T4 3 T7 6 T4 3 T4 3 T4 1 T1 3 T7 3 T1 3 T1 3 T1	G LEFT G RIGHT G NOSE A GEAR A DOORS TE LE W BRAKE TEMP R WHL WELL FIRE W (BLANK) A TAIL SKID	32-61-01 32-61-01 32-61-01 32-61-01 32-61-01 27-58-03 27-88-01 32-46-01 26-17-01 32-71-01	2 2 2 4 6 1 2 1 1 1 1	B B B B B A A A A A A A A	A A A A A A A A A A A A A
P3-3	L588 L589 L590 N48	1 DB33 1 DB33 1 DB33 1 DL6	3 T7 3 T7 3 T7 9 T7	W INNER/AIRWAYS MIDDLE B OUTER W ALT	34-32-01 34-32-01 34-32-01 34-16-01	1 1 1 1	A A A A	A A A A
P7	S507 L18 L18 S508	13 DB26 DL9 DB30 DR21	14 T8 17 T1 14 T8 17 T4	R WARNING A CAUTION R WARNING A CAUTION	31-51-02 31-41-06 31-51-02 31-41-06	2 2 2 2	A A A A	A A A A
P8	S37 S38 S39	1 DB33 1 DB29 1 DB29	--- --- ---	L R R R R APU	26-11-01 26-11-02 26-15-01	2 2 1	D836 D862 D846	C C C

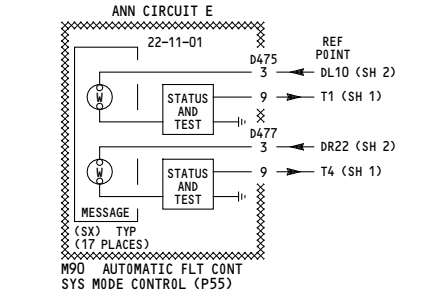
PNL	LT/ SW	ANNUNCIATOR LIGHT				SYSTEM	SCHEM	S	CONT PANEL				
		DIM	TEST	CAP					CONN	DIM	TEST		
		LT PIN	REF PT	LT PIN	REF PT					PIN	PIN	PIN	
P8	M81(-)	DUAL AIR TRAFFIC CONTROL PANEL									D303	18	21
NC	M10443(YEG) ENGINE FIRE CONTROL PANEL									D305	18	18	
L1	1	DB29	3 T9	A	L ENG OVHT	FIRE DET	26-11-01	2	D10100	3	4	A	
L2	1	DB29	3 T9	A	L ENG BTL 1 DISCH	EXT	26-21-01	1	D10100	3	4	A	
L3	1	DB33	3 T8	A	ENG BTL 2 DISCH	EXT	26-21-01	1	D10102	3	4	A	
L4	1	DB33	3 T8	A	R ENG OVHT	FIRE DET	26-11-02	1	D10102	3	4	A	
M10444(YDO) APU/CARGO FIRE CONTROL PANEL													
L1	1	DB29	3 T9	A	APU BTL 1 DISCH	EXT	26-22-01	1	D866	3	4	A	
L2	1	DB33	3 T8	A	APU BTL 2 DISCH	EXT	26-22-01	1	D864	3	4	A	
S1	18	DB33	17 T8	R	FWD	CARGO FIRE	26-16-01	2	D864	3	4	A	
S2	18	DB29	17 T9	R	AFT	CARGO FIRE	26-16-01	2	D866	3	4	A	
S3	18	DB33	17 T8	A	DISCH	CAP BTL DISCH	26-23-01	1	D864	3	4	A	
M10445(YEH) FIRE/OVERHEAT TEST PANEL													
S2	18	DB26	17 T8	A	FAIL P-RESET	SYS FAIL	26-11-01	2	D10104	3	4	A	
P9	M76(-)	LEFT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT											
		DB25	17	T7			34-61-02	2	D465	27	23		
	M77(-)	RIGHT FLIGHT MANAGEMENT COMPUTER CONTROL DISPLAY UNIT											
		DR21	14	T4			34-61-04	1	D467	27	23		
P10	L592	1	DB29	3	T7	W	PARK BRAKE SET	32-41-01	1				
M73(YAZ) FUEL CONTROL PANEL													
L1	1	DB33	3 T7	A	SPAR VALVE	L ENG FUEL CONT	28-22-01	4	D1469	3	4	A	
L2	1	DB33	3 T7	A	ENG VALVE	L ENG FUEL CONT	76-11-01	3	D1469	3	4	A	
L3	1	DB29	3 T7	A	SPAR VALVE	R ENG FUEL CONT	28-22-01	4	D1471	3	4	A	
L4	1	DB29	3 T7	A	ENG VALVE	R ENG FUEL CONT	76-11-01	3	D1471	3	4	A	
L5	1	DB29	3 T7	A	REV ISLN	FUEL CONT	78-36-01	1	D1471	3	4	A	
S1	18	DB33	17 T8	R		L ENG FIRE	26-11-01	2	D1469	3	4	D	
S3	18	DB29	17 T9	R		R ENG FIRE	26-11-02	2	D1471	3	4	D	
M90(-) AUTOMATIC FLIGHT CONTROL SYSTEM MODE CONTROL PANEL													
(SX)		DL10	17	T1	W	(SEE SYS SCHEM FOR INDIVIDUAL SW)	22-10-01	1	D475	3	9	E	
		DR22	14	T4	W		22-10-01	1	D477	3	9	E	
M91(-) LEFT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL													
S3	13	DB25	14 T8	W	AUTO.		34-51-01	1	D869	4	5	A	
	18	DB25	17 T8	W	MAN.		34-51-01	1	D869	4	5	A	
M92(-) RIGHT VHF OMNIDIRECTIONAL AND RADIO RANGE (VOR) CONTROL PANEL													
S3	13	DR21	14 T4	W	AUTO.		34-51-02	1	D871	4	5	A	
	18	DR21	17 T4	W	MAN.		34-51-02	1	D871	4	5	A	



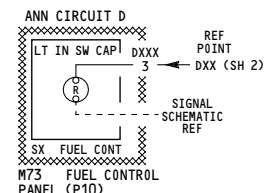
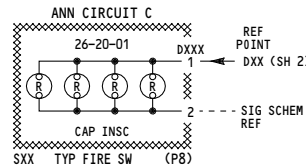
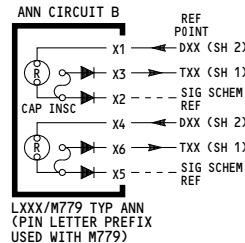
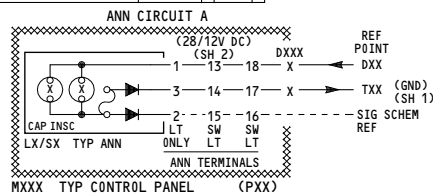
PNL	IND	CONN	NOMENCLATURE	SCHEM	S	H	REF POINT
P1-2	N4 N5	D107 D109	L ELEX ATTD DIR IND L ELEX HORIZ SITUATION IND	34-22-05 34-22-05	2	2	D2 D2
P2	N10013 N10014	D205 D207	EICAS UPPER DSPL IND EICAS LOWER DSPL IND	31-41-05 31-41-06	2	2	D2 D2
P3-2	N44 N45	D807 D809	R ELEX ATTD DIR IND R ELEX HORIZ SITUATION IND	34-22-05 34-22-05	2	2	D1 D1



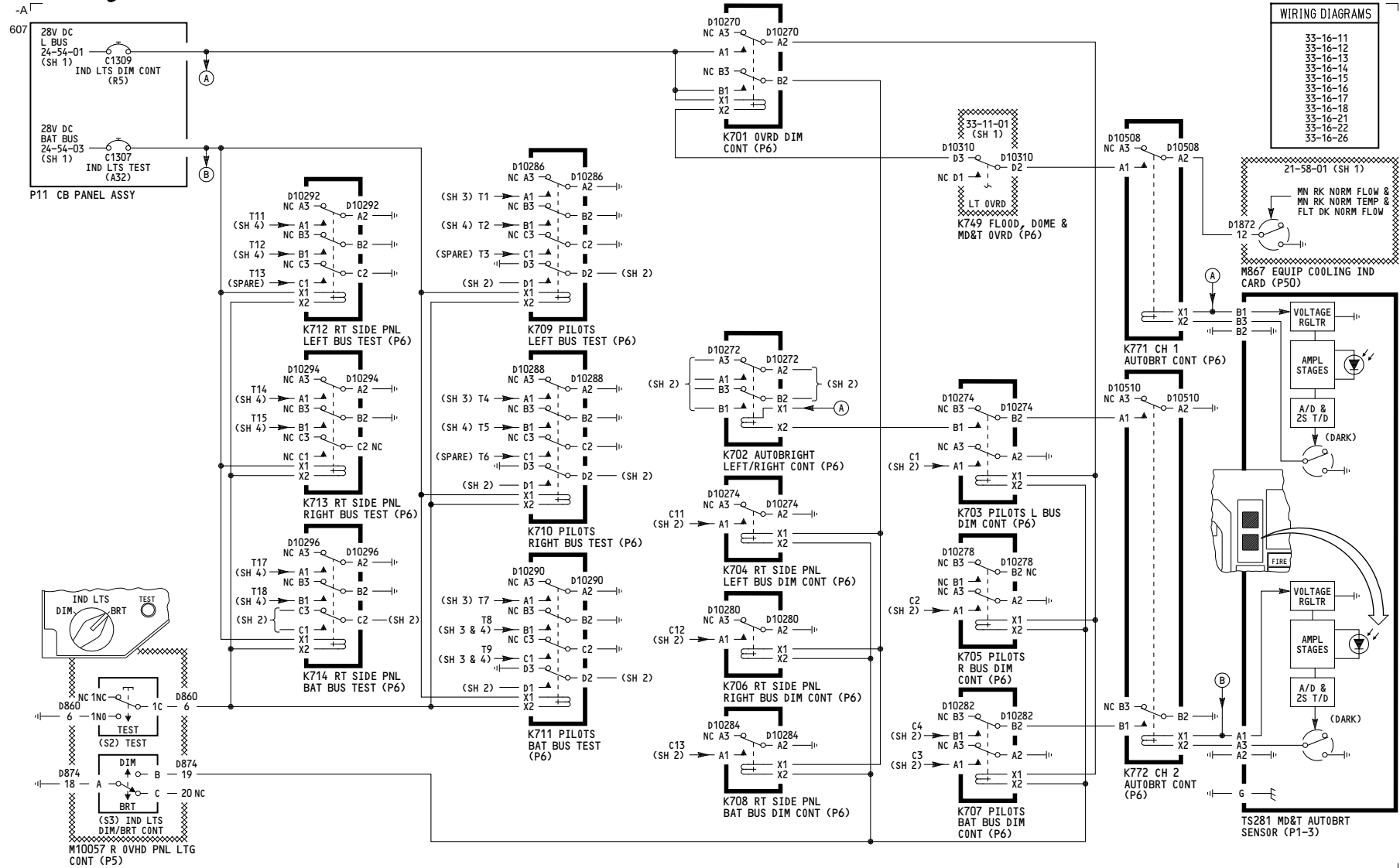
SHELF	GEN	CONN	NOMENCLATURE	RELAY	CONN
E1-2	M148	D425D	L ELEX FLT INSTR SYS SYM GEN	K177	D3534
E1-4	M149	D413D	L ELEX FLT INSTR SYS SYM GEN	K143	D3554
E1-5	M150	D373D	R ELEX FLT INSTR SYS SYM GEN	K149	D3516



NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF MD&T AND ARE SHOWN FOR REFERENCE ONLY







**WIRING DIAGRAMS**

33-16-11
33-16-12
33-16-13
33-16-14
33-16-15
33-16-16
33-16-17
33-16-18
33-16-21
33-16-22
33-16-26

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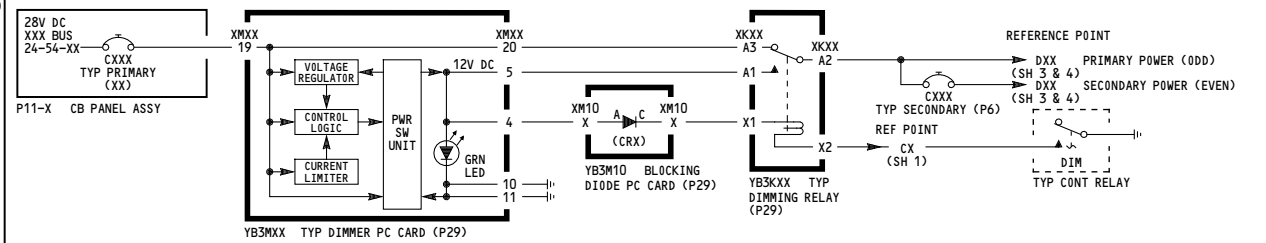
**MASTER DIM AND TEST**

D280T232

**33-16-01**

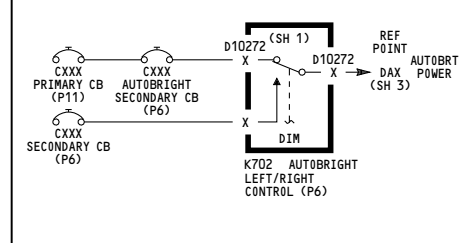
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TABLE I - TYP ANNUCIATOR BRIGHT/DIM CIRCUIT



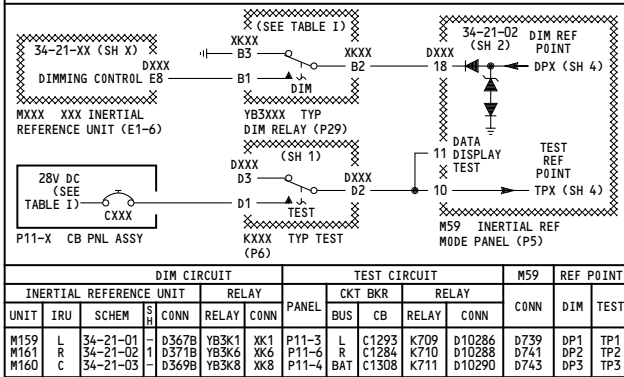
PRIMARY CIRCUIT BREAKER				DIMMER PC CARD				DIODE		DIMMING RELAY				CONT RLY		SECONDARY CIRCUIT BREAKER				REF POINT		
CB	GRID LOC	PNL	NOMENCLATURE	BUS	SCHEM	SH	CARD	CONN	NOMENCLATURE	(CR)	TERM A	TERM C	RELAY	NOMENCLATURE	CONN	REF PT	RELAY	CB	GRID LOC	NOMENCLATURE	PRIM PWR	SEC PWR
C1293	R1	P11-3	IND LTS L1	L	24-54-01		YB3M1	XM1	L1 TYP 1 DIM	CR 1	22	1	YB3K1 YB3K11	XK1 XK11	L1 PILOTS DIM L1 RT SIDE PNL DIM	C1 C11	K703 K704	NONE C116	L28	L1 RT SIDE PNL SEC IND LT	DL1 DL3	NONE DL4
C1297	R2		IND LTS L2				YB3M2	XM2	L2 TYPE 1 DIM	CR 3	24	3	YB3K2 YB3K12	XK2 XK12	L2 PILOTS DIM L2 RT SIDE PNL DIM	C1 C11	K703 K704	C102 C117	L30 L31	L2 PILOTS SEC IND LT L2 RT SIDE PNL SEC IND LT	DL5 DL7	DL6 DL8
C1298	R3		IND LTS L3				YB3M3	XM3	L3 TYPE 1 DIM	CR 5	26	5	YB3K3 YB3K13	XK3 XK13	L3 PILOTS DIM L3 RT SIDE PNL DIM	C1 C11	K703 K704	C103 NONE	L32	L3 PILOTS SEC IND LT	DL9 DL11	DL10 NONE
C1273	R28	P11-6	IND LTS R1	R	24-54-02		YB3M4	XM4	R1 TYPE 1 DIM	CR 7	28	7	YB3K4 YB3K14	XK4 XK14	R1 PILOTS DIM R1 RT SIDE PNL DIM	C2 C12	K705 K706	NONE C119	K27	R1 RT SIDE PNL SEC IND LT	DR13 DR15	NONE DR16
C1274	R29		IND LTS R2				YB3M5	XM5	R2 TYPE 1 DIM	CR 9	30	9	YB3K5 YB3K15	XK5 XK15	R2 PILOTS DIM R2 RT SIDE PNL DIM	C2 C12	K705 K706	C106 K29	K30	R2 PILOTS SEC IND LT R2 RT SIDE PNL SEC IND LT	DR17 DR19	DR18 DR20
C1284	R30		IND LTS R3				YB3M6	XM6	R3 TYPE 1 DIM	CR 11	32	11	YB3K6 YB3K16	XK6 XK16	R3 PILOTS DIM R3 RT SIDE PNL DIM	C2 C12	K705 K706	C107 NONE	K32	R3 PILOTS SEC IND LT	DR21 NONE	DR22 NONE
C1306	A33	P11-4	IND LTS 1	BAT	24-54-03		YB3M7	XM7	BAT 1 TYPE 1 DIM	CR 12	13	33	YB3K7 YB3K17	XK7 XK17	BAT 1 PILOTS DIM BAT 1 RT SIDE PNL DIM	C3 C13	K707 K708	C109 C122	J26 J27	BAT 1 PILOTS SEC IND LT BAT 1 RT SIDE PNL SEC IND LT	DB25 DB27	DB26 DB28
C1308	A34		IND LTS 2				YB3M8	XM8	BAT 2 TYPE 1 DIM	CR 13	37	16	YB3K8 YB3K18	XK8 XK18	BAT 2 PILOTS DIM BAT 2 RT SIDE PNL DIM	C3 C13	K707 K708	C110 C123	J29 J30	BAT 2 PILOTS SEC IND LT BAT 2 RT SIDE PNL SEC IND LT	DB29 DB31	DB30 DB32
C1200	A35		IND LTS 3				YB3M9	XM9	BAT 3 TYPE 1 DIM	CR 15	39	18	YB3K9 YB3K19	XK9 XK19	BAT 3 PILOTS DIM BAT 3 RT SIDE PNL DIM	C3 C13	K707 K708	NONE C112	J31	BAT PILOTS AUTOBRT SEC IND LT	DB33 NONE	DA36 NONE

TABLE II - TYP ANNUCIATOR AUTOBRIGHT BRIGHT/DIM CIRCUIT



(SEE TABLE I)		AUTOBRIGHT SECONDARY CIRCUIT BREAKER				K702 RELAY		AUTO-BRIGHT REF POINT
PRIM CB	SEC CB	A/B CB	GRID LOC	NOMENCLATURE	PWR PIN	SEC PIN	A/B PIN	REF POINT
C1297	C102	C104	L29	L PILOTS AUTOBRIGHT SECONDARY IND LT	A3	A1	A2	DA6
C1274	C106	C108	K28	R PILOTS AUTOBRIGHT SECONDARY IND LT	B3	B1	B2	DA18
---	---	---	---	---	---	---	---	(DA36)

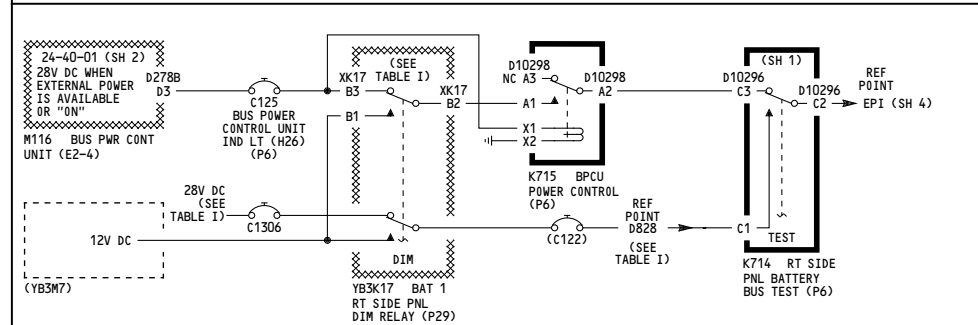
TABLE III - M59 PANEL ANNUCIATOR DIM/TEST CIRCUITS



DIM CIRCUIT				TEST CIRCUIT				M59		REF POINT		
UNIT	IRU	SCHEM	SH	CONN	RELAY	CONN	PANEL	CONN	DIM	TEST		
M159	L	34-21-01	1	D367B	YB3K1	XK1	P11-3	L	C1293	D10286	D739	DP1
M161	R	34-21-02	1	D371B	YB3K6	XK6	P11-6	R	C1284	D10288	D741	DP2
M160	C	34-21-03	1	D369B	YB3K8	XK8	P11-4	BAT	C1308	D10290	D743	DP3

BRIGHT/DIM POWER DISTRIBUTION

TABLE IV - EXTERNAL POWER ANNUCIATOR (AVAIL/ON) POWER/DIM CIRCUIT



NOTES: 1 SHOWN ALSO ON TABLE II 2 SHOWN ALSO ON TABLE III 3 SHOWN ALSO ON TABLE IV

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SYSTEM ANNUNCIATOR LIGHTS table with columns for PNL, IND/LT/SW, DIM, TEST, CAP, EQUIPMENT NOMENCLATURE, SCHEM, CONN, C, K, T.

SYSTEM ANNUNCIATOR LIGHTS table with columns for PNL, LT/SW, DIM, TEST, CAP, SYSTEM, SCHEM, CONN, DIM, TEST, P, IN, T.

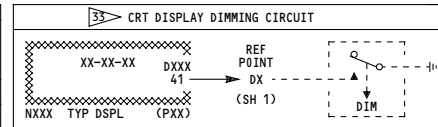


Table listing PNL, IND, CONN, NOMENCLATURE, SCHEM, S, H, REF POINT for CRT display dimming.

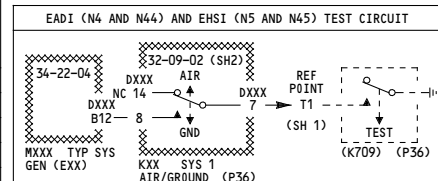
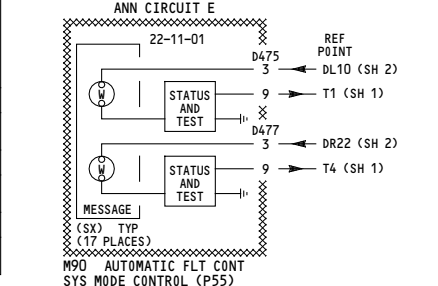
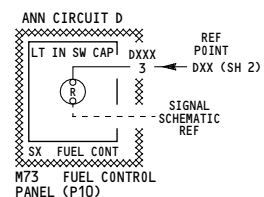
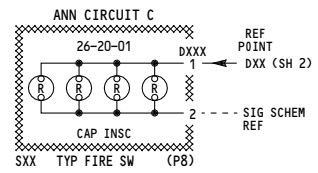
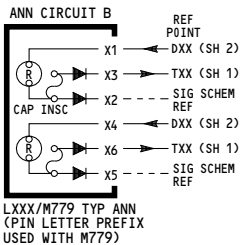
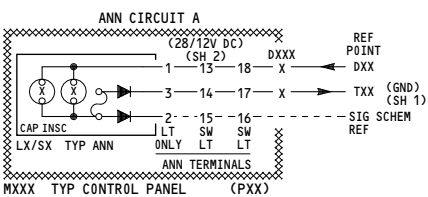


Table listing SYMBOL GENERATOR, SHELF, GEN, CONN, NOMENCLATURE, RELAY, CONN for EADI/EHSI test circuit.



NOTES: THE ANNUNCIATOR INTERNAL CIRCUITS ARE NOT PART OF MD&T AND ARE SHOWN FOR REFERENCE ONLY.



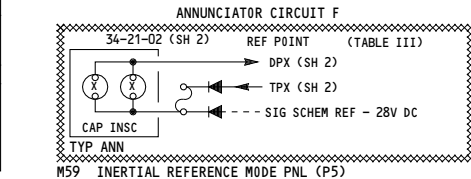
MASTER DIM AND TEST section containing a large empty box and the text D280T232.

33-16-01

SYSTEM ANNUNCIATOR LIGHTS table with columns: P/N, L/SW, DIM, TEST, CAP, INSCRIPTION, SYSTEM, SCHEM, CONN, DIM, TEST, PNL.

SYSTEM ANNUNCIATOR LIGHTS table with columns: P/N, L/SW, DIM, TEST, CAP, INSCRIPTION, SYSTEM, SCHEM, CONN, DIM, TEST, PNL.

SYSTEM ANNUNCIATOR LIGHTS table with columns: P/N, L/SW, DIM, TEST, CAP, INSCRIPTION, SYSTEM, SCHEM, CONN, DIM, TEST, PNL.



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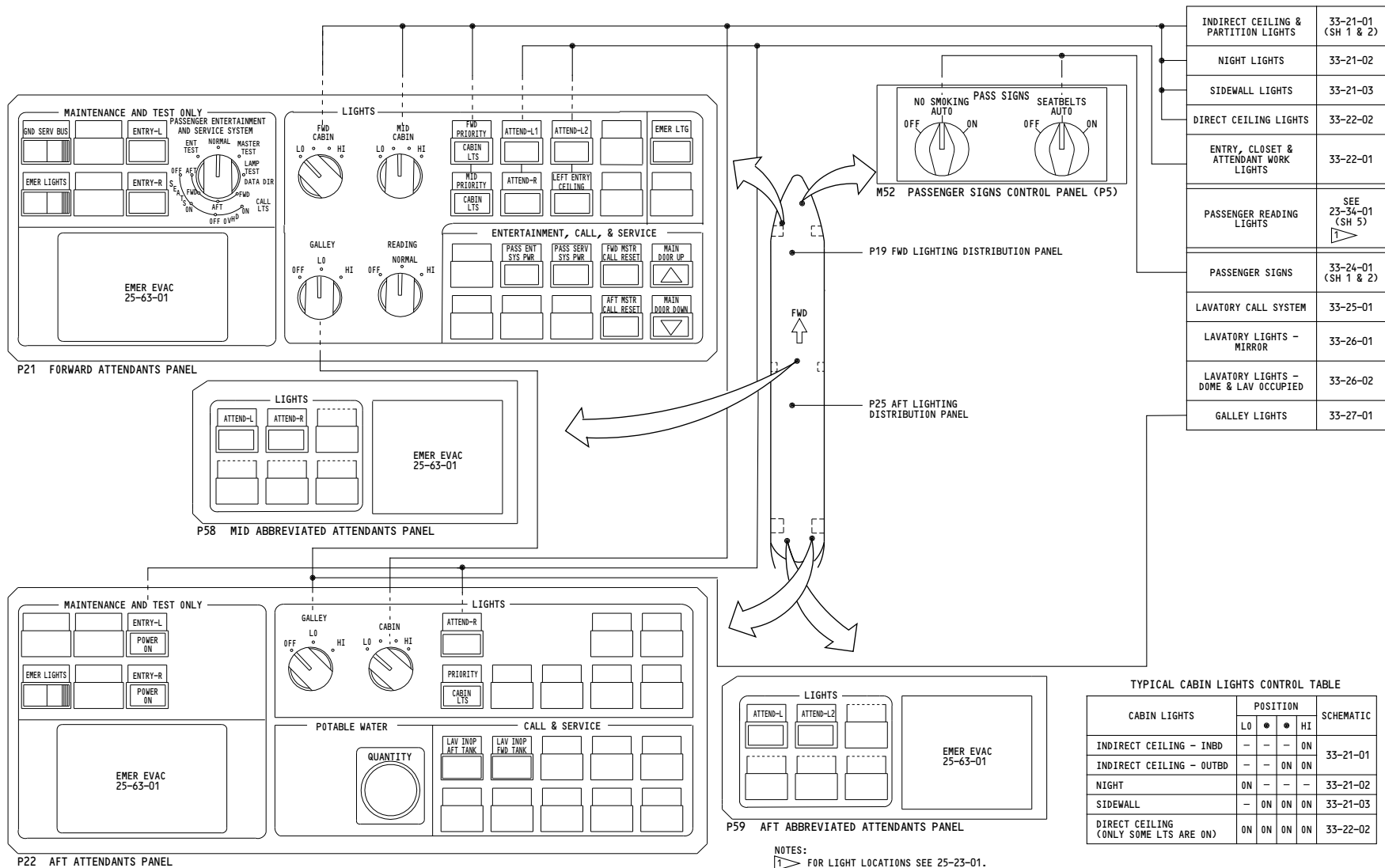
MASTER DIM AND TEST

Incorporates 25-0325

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050-051

**PASSENGER COMPARTMENT LIGHTS-SIMPLIFIED**

D280T232

- Incorporates
- ▶ MTO 230540
  - ▶ MTO 230541A
  - ▶ MTO 330354

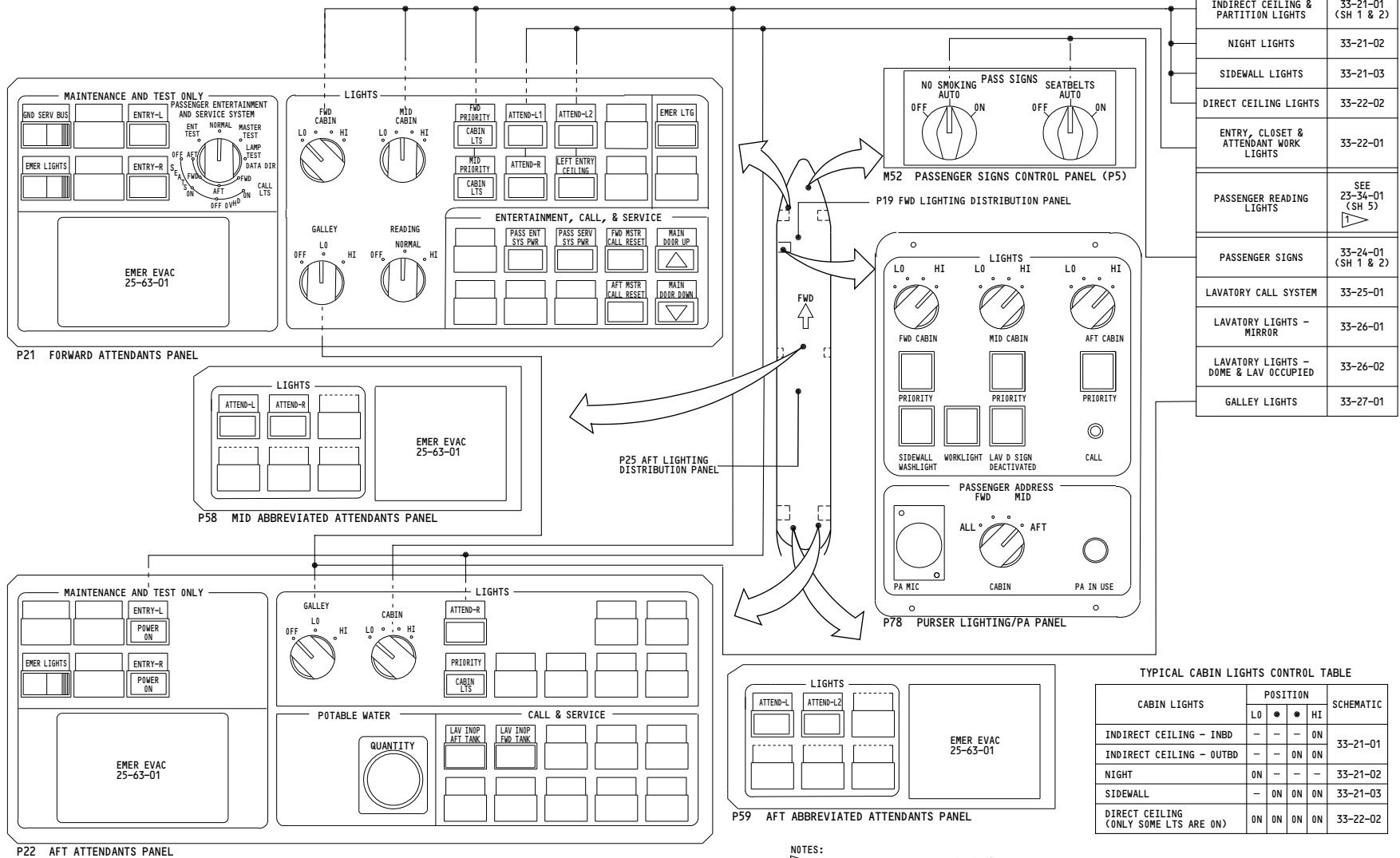
NOTES:  
 1 ▶ FOR LIGHT LOCATIONS SEE 25-23-01.

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**PASSENGER COMPARTMENT LIGHTS-SIMPLIFIED**

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NOTES:  
FOR LIGHT LOCATIONS SEE 25-23-01.

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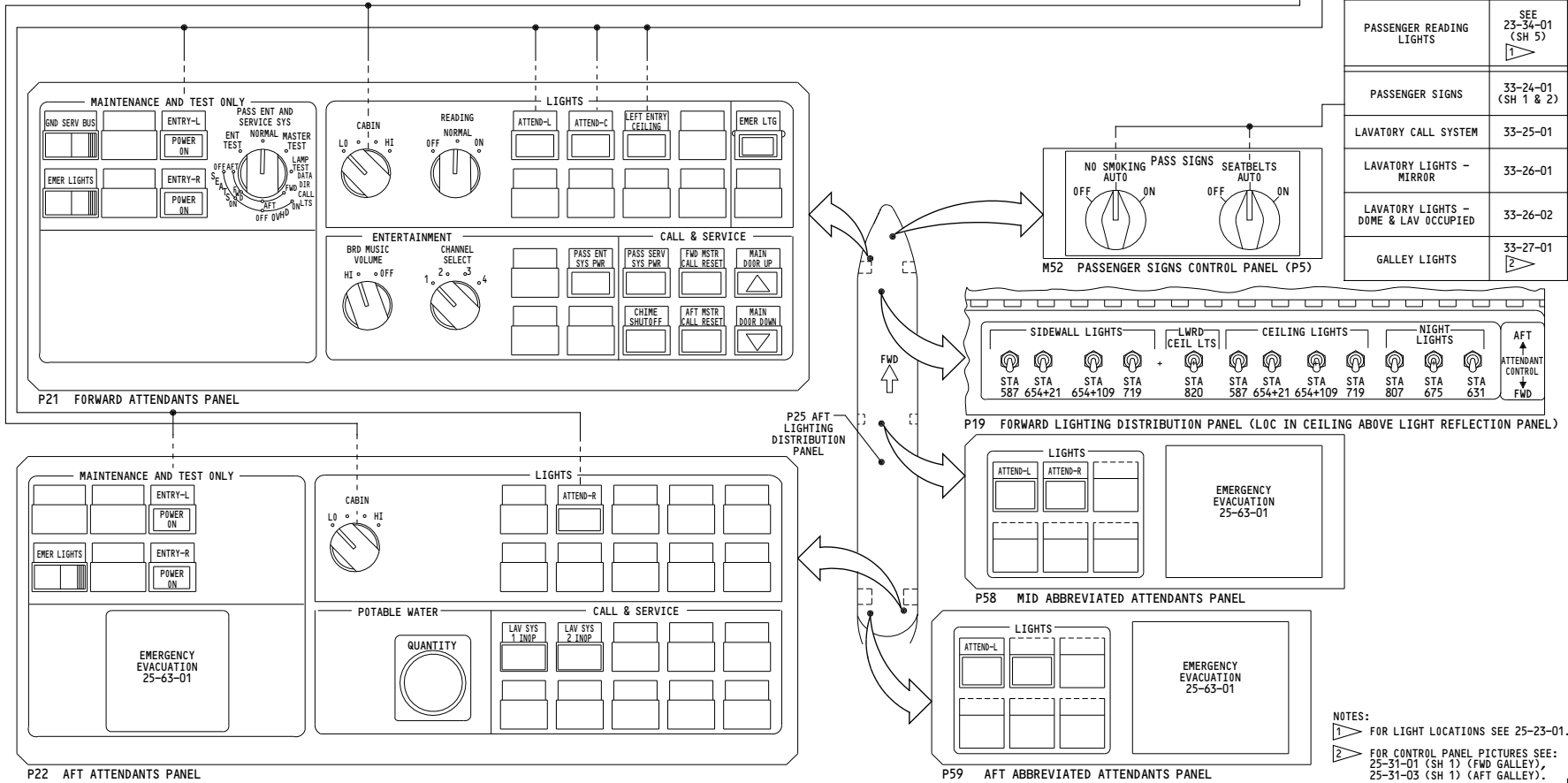
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TYPICAL CABIN LIGHTS CONTROL TABLE

CABIN LIGHTS	POSITION				SCHEMATIC
	LO	●	●	HI	
INDIRECT CEILING - INBD	-	-	-	ON	33-21-01
INDIRECT CEILING - OUTBD	-	-	ON	ON	
NIGHT	ON	-	-	-	33-21-02
SIDEWALL	-	ON	ON	ON	33-21-03
DIRECT CEILING (ONLY SOME LTS ARE ON)	ON	ON	ON	ON	33-22-02



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**PASSENGER COMPARTMENT LIGHTS-SIMPLIFIED**

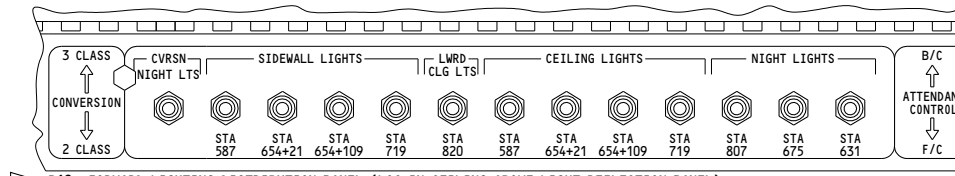
D280T232

**33-20-00**

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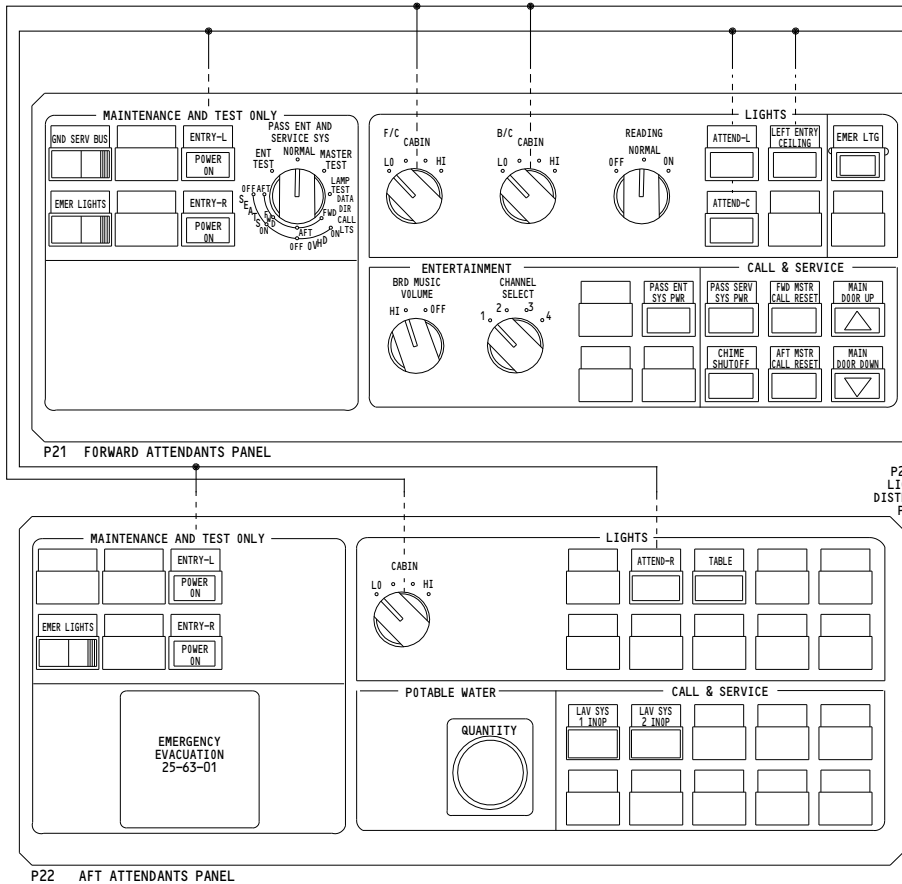
TYPICAL CABIN LIGHTS CONTROL TABLE

CABIN LIGHTS	POSITION			SCHEMATIC
	LO	●	HI	
INDIRECT CEILING - INBD	-	-	ON	33-21-01
INDIRECT CEILING - OUTBD	-	-	ON	
NIGHT	ON	-	-	33-21-02
SIDEWALL	-	ON	ON	33-21-03
DIRECT CEILING (ONLY SOME LTS ARE ON)	ON	ON	ON	33-22-02

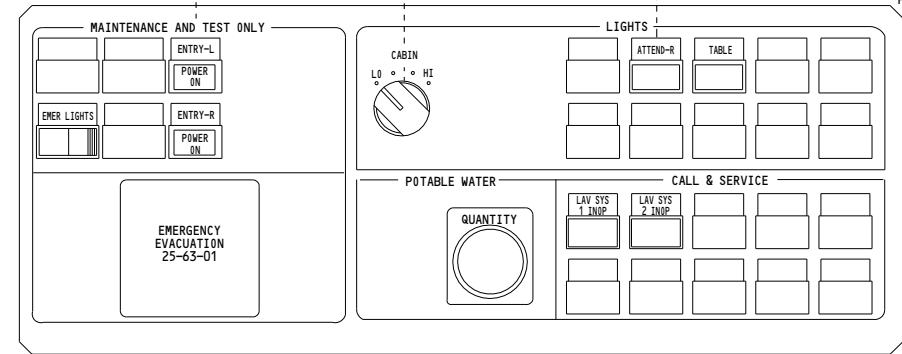


P19 FORWARD LIGHTING DISTRIBUTION PANEL (LOC IN CEILING ABOVE LIGHT REFLECTION PANEL)

INDIRECT CEILING LIGHTS	33-21-01 (SH 1 & 2)
NIGHT LIGHTS	33-21-02
SIDEWALL LIGHTS	33-21-03
DIRECT CEILING LIGHTS	33-22-02
ENTRY, CLOSET & ATTENDANT WORK LIGHTS	33-22-01
PASSENGER READING LIGHTS	SEE 23-34-01 (SH 5)
PASSENGER SIGNS	33-24-01 (SH 1 & 2)
LAVATORY CALL SYSTEM	33-25-01
LAVATORY LIGHTS - MIRROR	33-26-01
LAVATORY LIGHTS - DOME & LAV OCCUPIED	33-26-02
GALLEY LIGHTS	33-27-01



P21 FORWARD ATTENDANTS PANEL

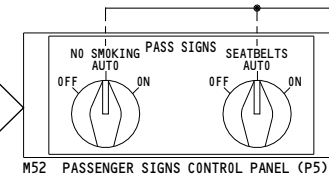


P22 AFT ATTENDANTS PANEL

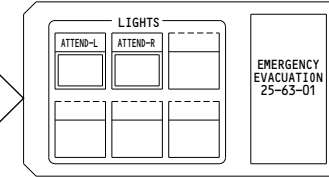
280-299

**PASSENGER COMPARTMENT LIGHTS-SIMPLIFIED**

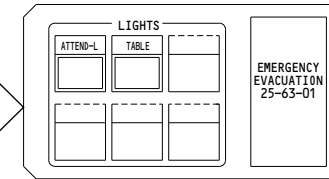
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M52 PASSENGER SIGNS CONTROL PANEL (P5)



P58 MID ABBREVIATED ATTENDANTS PANEL



P59 AFT ABBREVIATED ATTENDANTS PANEL

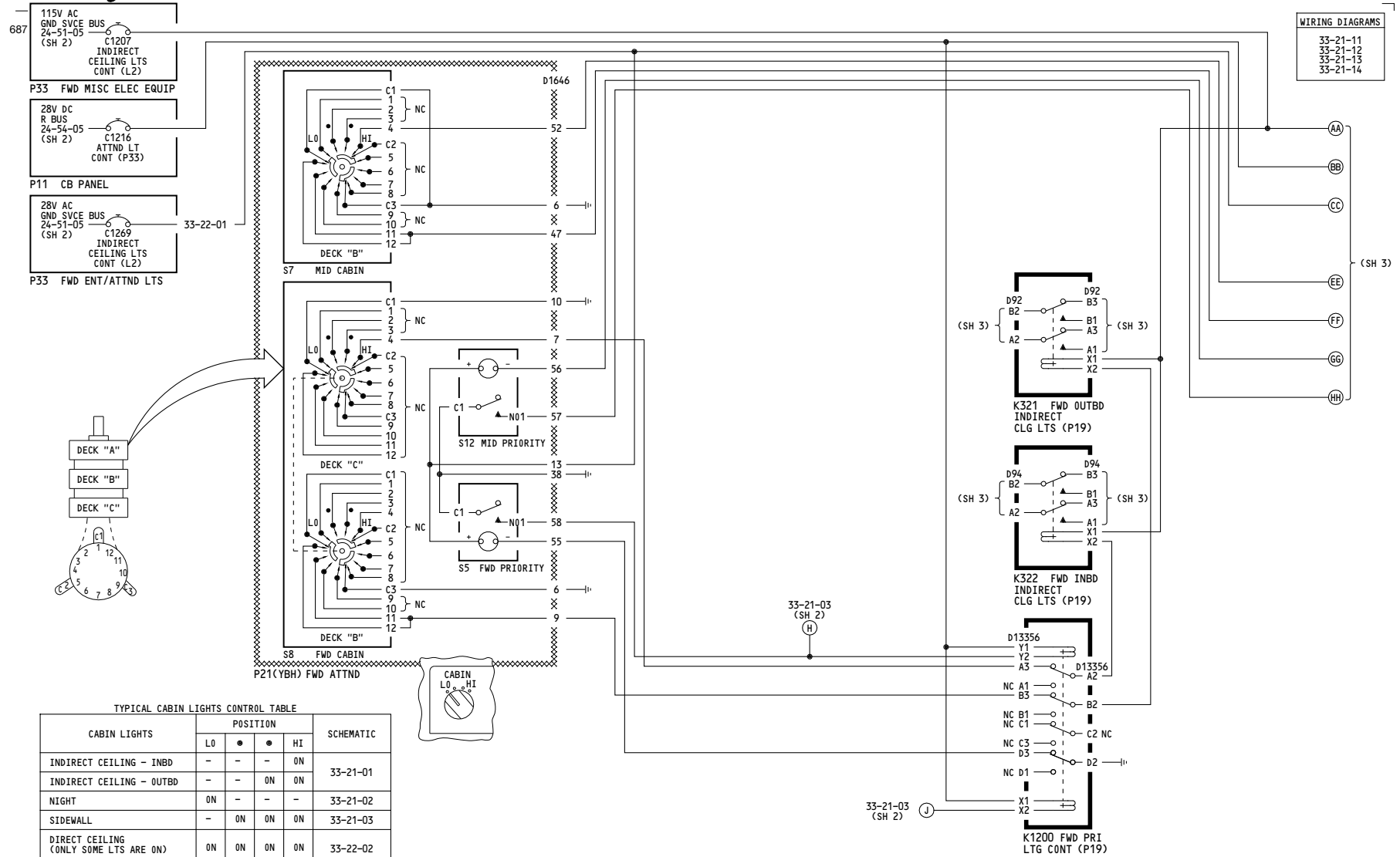
P25 AFT LIGHTING DISTRIBUTION PANEL

NOTES:

- 1 FOR LIGHT LOCATIONS SEE 25-23-01.
- 2 FOR CONTROL PANEL PICTURES SEE: 25-31-01 (SH 1) (FWD GALLEY), 25-31-05 (SH 1) (AFT GALLEY).

3 A CONCEALED PANEL (P19) CONTAINING FLEXIBILITY SWITCHES IS LOCATED IN THE PASSENGER COMPARTMENT OVERHEAD AREA TO ALLOW FLEXIBLE CONTROL OF THE CABIN LIGHTING. THE CAPABILITY EXISTS TO TRANSFER CONTROL OF THE LIGHTS INCREMENTALLY BY LIGHTING SECTION BETWEEN THE F/C AND B/C CONTROL SWITCHES BOTH OF WHICH ARE LOCATED ON THE FWD ATTEND PANEL. THIS FLEX ZONE IS FROM STA 543 THROUGH 807.

**33-20-00**



050-051

**INDIRECT CEILING AND PARTITION LIGHTS**

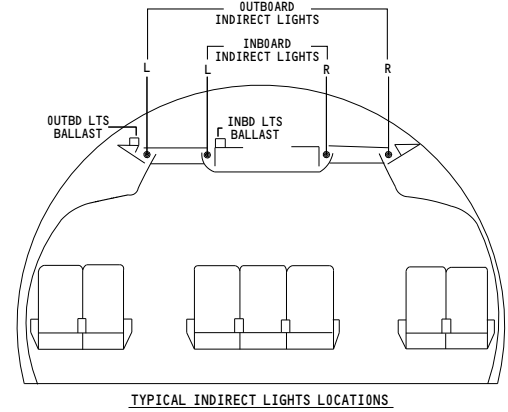
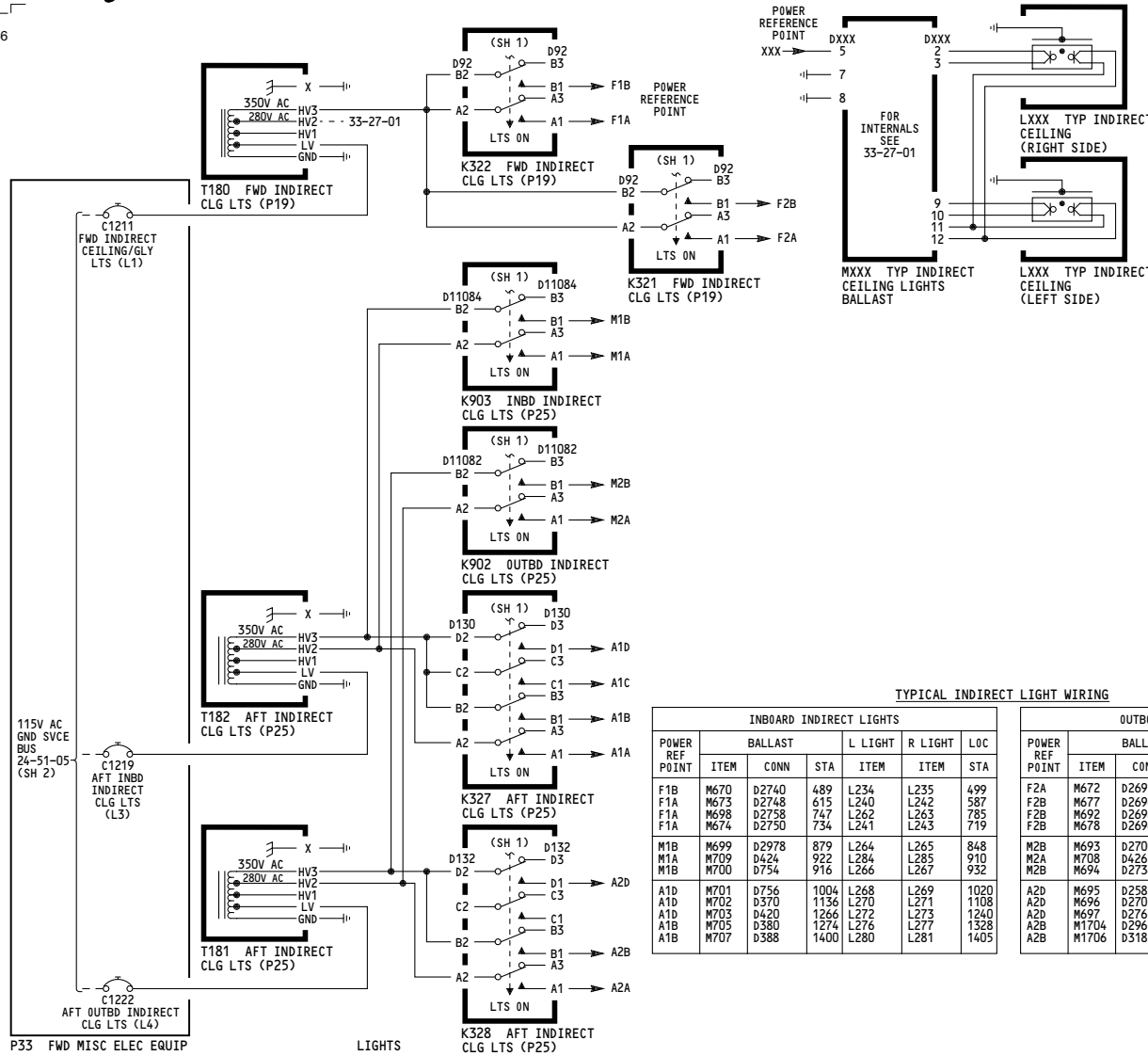
- Incorporates
- ▶ MTO 230540
  - ▶ MTO 230541A
  - ▶ MTO 330354

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**33-21-01**

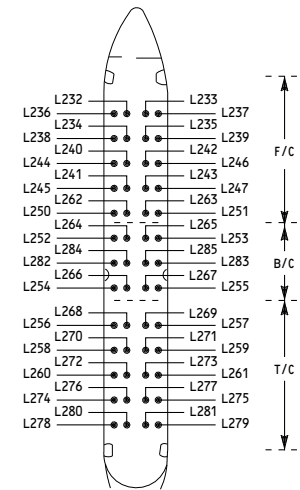
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**TYPICAL INDIRECT LIGHT WIRING**

INBOARD INDIRECT LIGHTS						OUTBOARD INDIRECT LIGHTS							
POWER REF POINT	BALLAST			L LIGHT	R LIGHT	L0C	POWER REF POINT	BALLAST			L LIGHT	R LIGHT	L0C
	ITEM	CONN	STA	ITEM	ITEM	STA		ITEM	CONN	STA	ITEM	ITEM	STA
F1B	M670	D2740	489	L234	L235	499	F2A	M672	D2692	521	L238	L239	499
F1A	M673	D2748	615	L240	L242	587	F2B	M677	D2694	609	L244	L246	587
F1A	M698	D2758	747	L262	L263	785	F2B	M692	D2698	754	L250	L251	785
F1A	M674	D2750	734	L241	L243	719	F2B	M678	D2696	741	L245	L247	719
M1B	M699	D2978	879	L264	L265	848	M2B	M693	D2700	873	L252	L253	848
M1A	M709	D424	922	L284	L285	910	M2A	M708	D426	917	L282	L283	910
M1B	M700	D754	916	L266	L267	932	M2B	M694	D2734	952	L254	L255	932
A1D	M701	D756	1004	L268	L269	1020	A2B	M695	D258	1042	L256	L257	1020
A1D	M702	D370	1136	L270	L271	1108	A2D	M696	D270	1130	L258	L259	1108
A1D	M703	D420	1266	L272	L273	1240	A2D	M697	D276	1262	L260	L261	1240
A1B	M705	D380	1274	L276	L277	1328	A2B	M1704	D296	1350	L274	L275	1328
A1B	M707	D388	1400	L280	L281	1405	A2B	M1706	D318	1422	L278	L279	1405



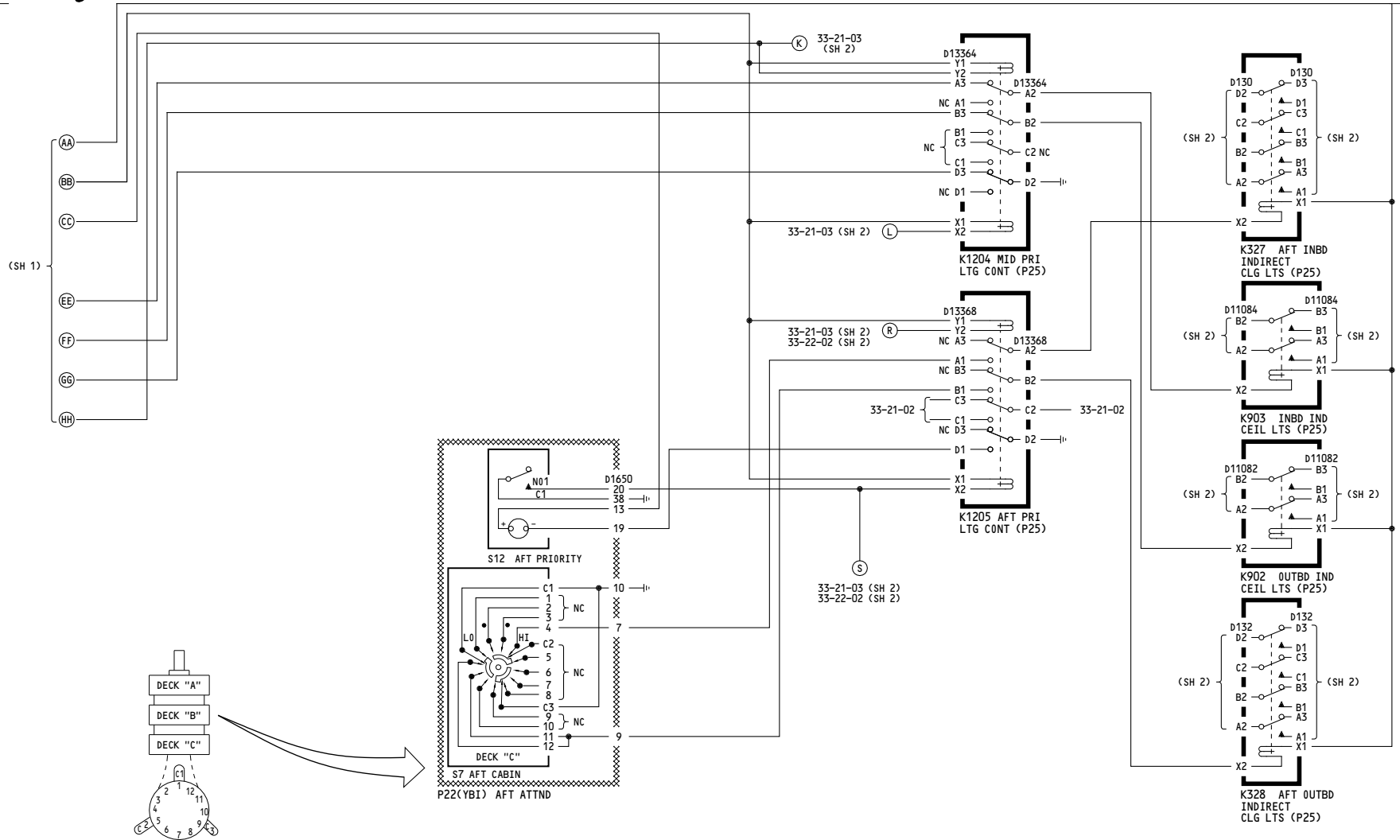
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**INDIRECT CEILING AND PARTITION LIGHTS**

D280T232

**33-21-01**

625

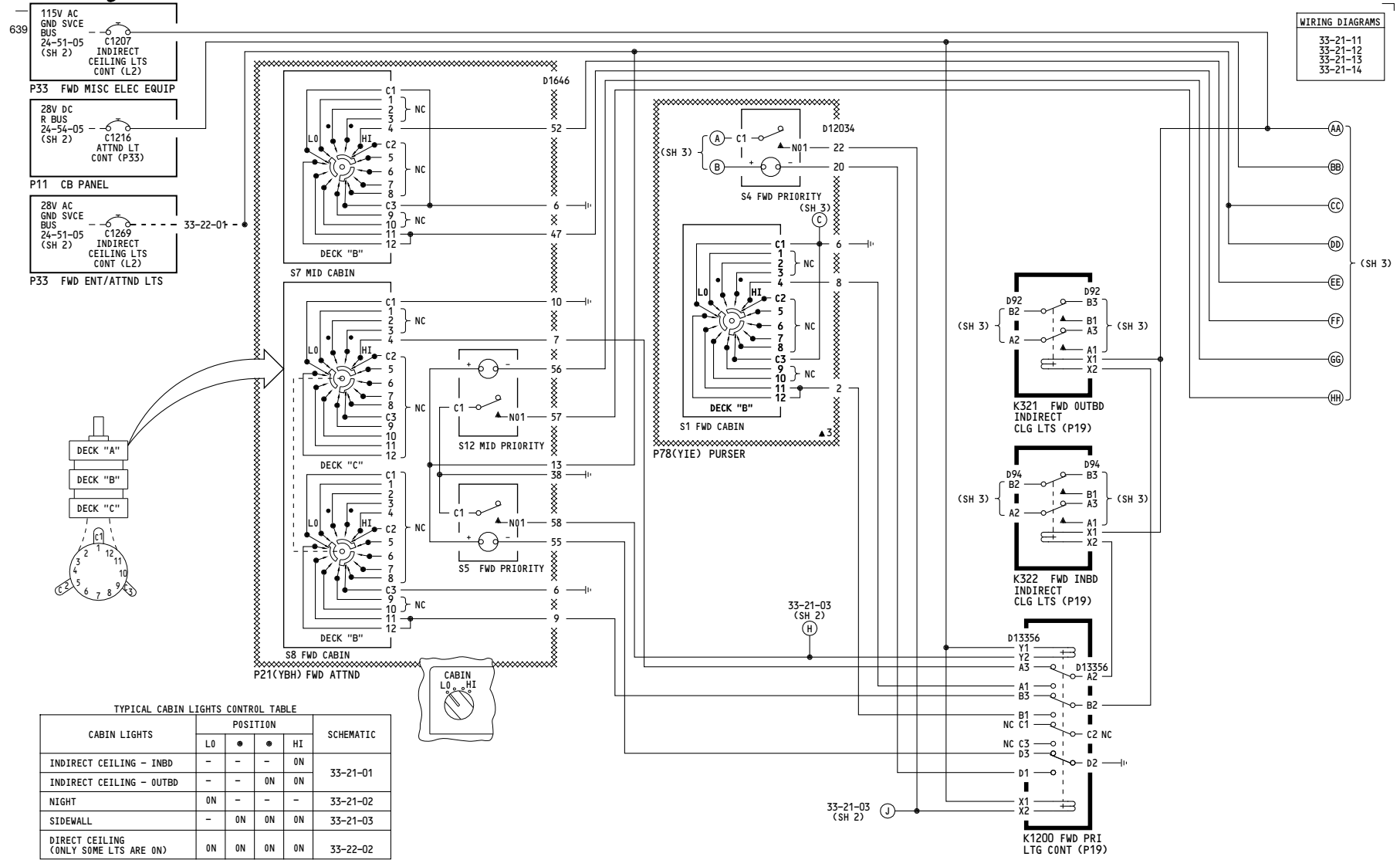


<p>050-051</p>	<p><b>INDIRECT CEILING AND PARTITION LIGHTS</b></p> <p>D280T232</p>
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- Incorporates
- ▶ MTO 230540
  - ▶ MTO 230541A
  - ▶ MTO 330354

**33-21-01**

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150-199

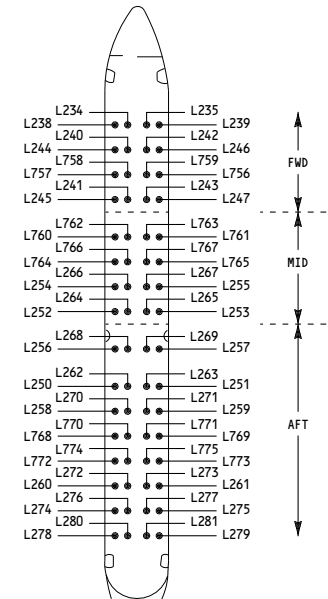
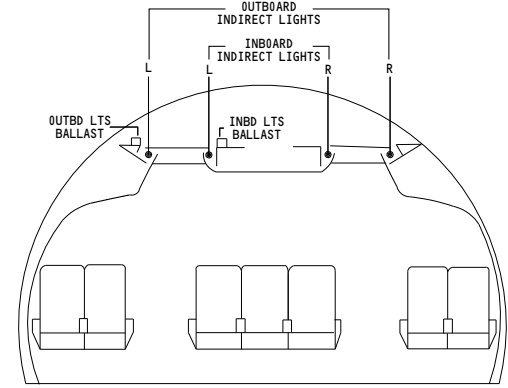
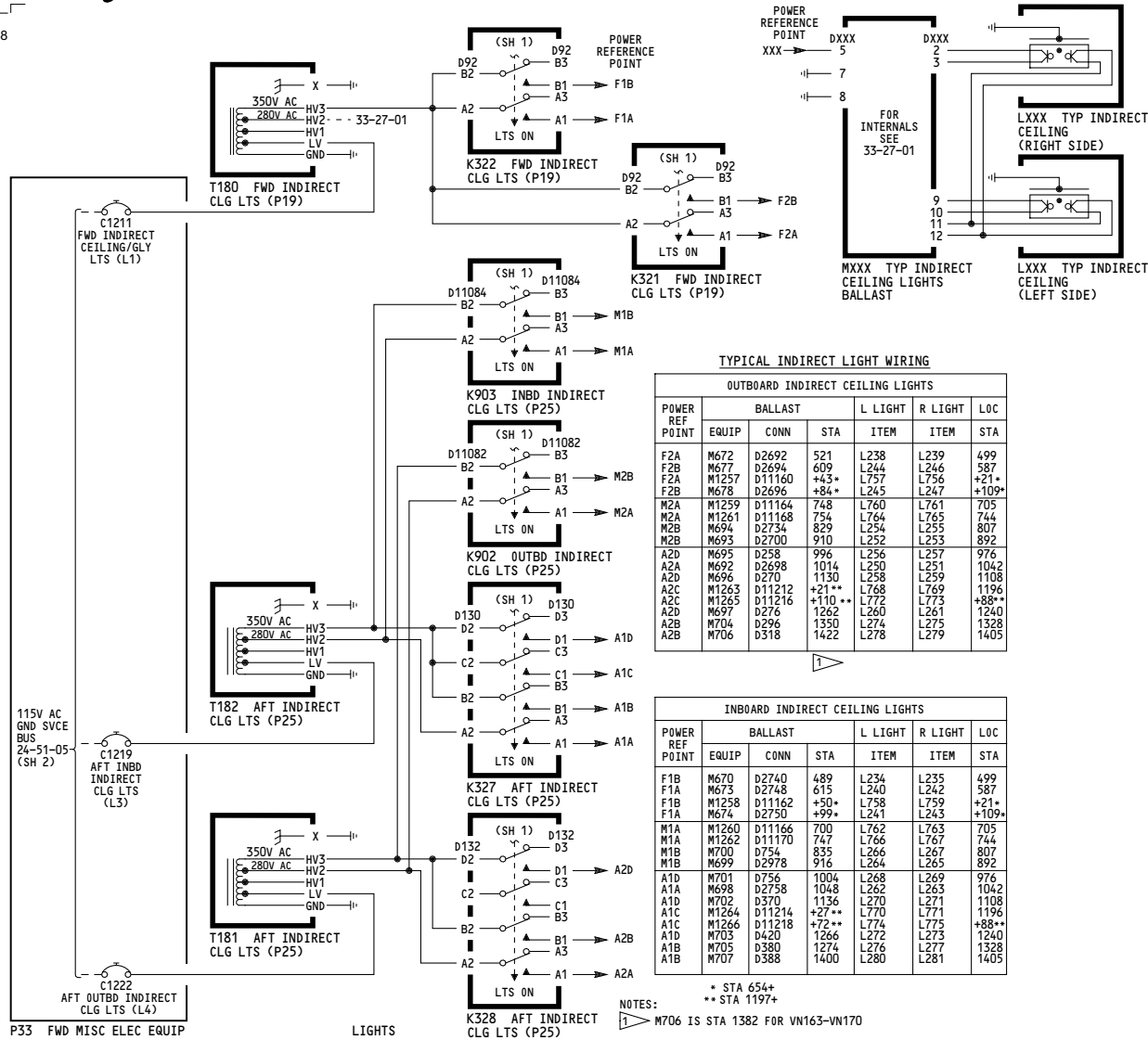
**INDIRECT CEILING AND PARTITION LIGHTS**

D280T232

**33-21-01**

Page 102  
Sheet 1  
Jan 21/2005

638



150-199

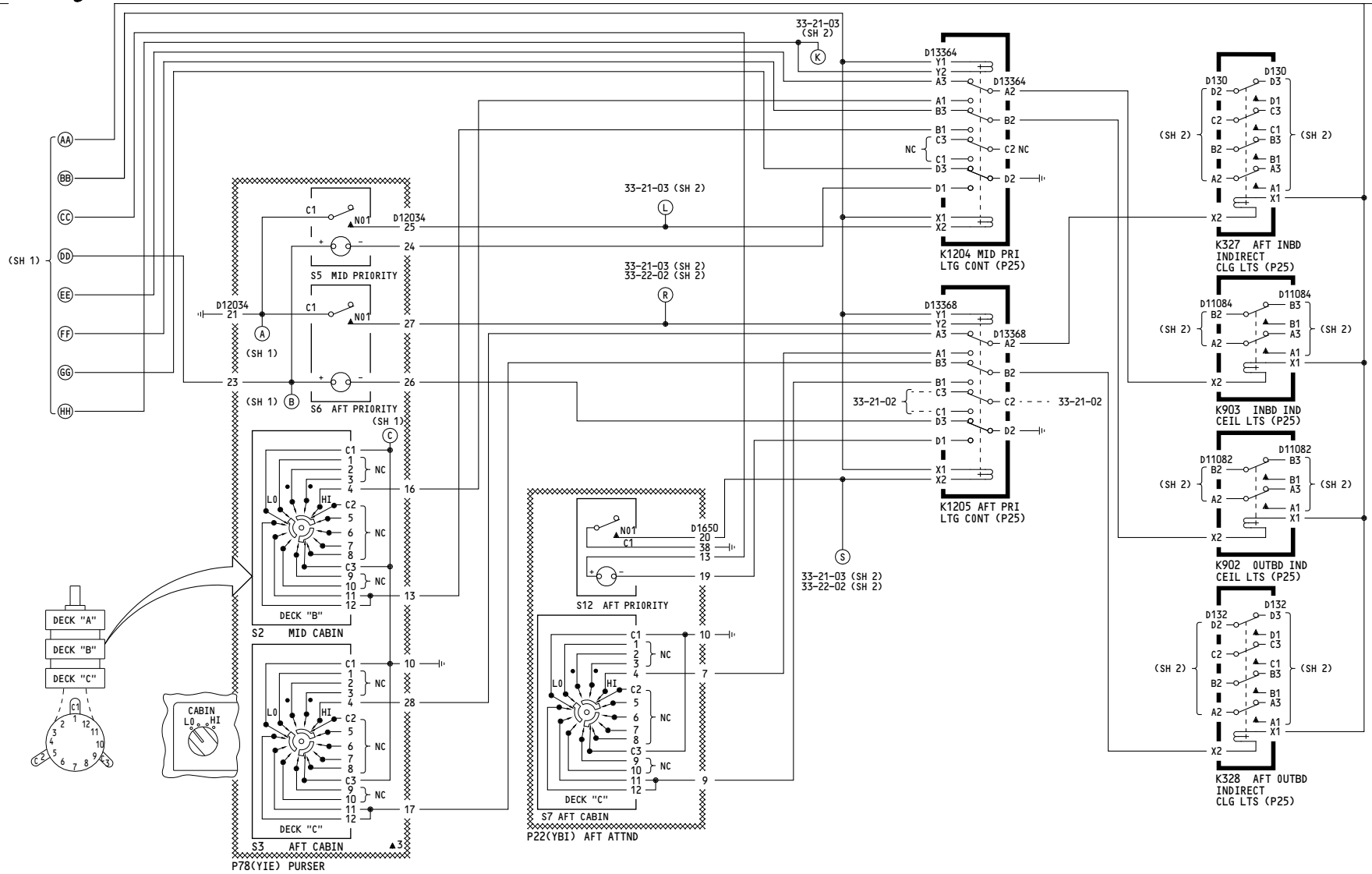
**INDIRECT CEILING AND PARTITION LIGHTS**

D280T232

**33-21-01**



605



150-199

**INDIRECT CEILING AND PARTITION LIGHTS**

D280T232

**33-21-01**

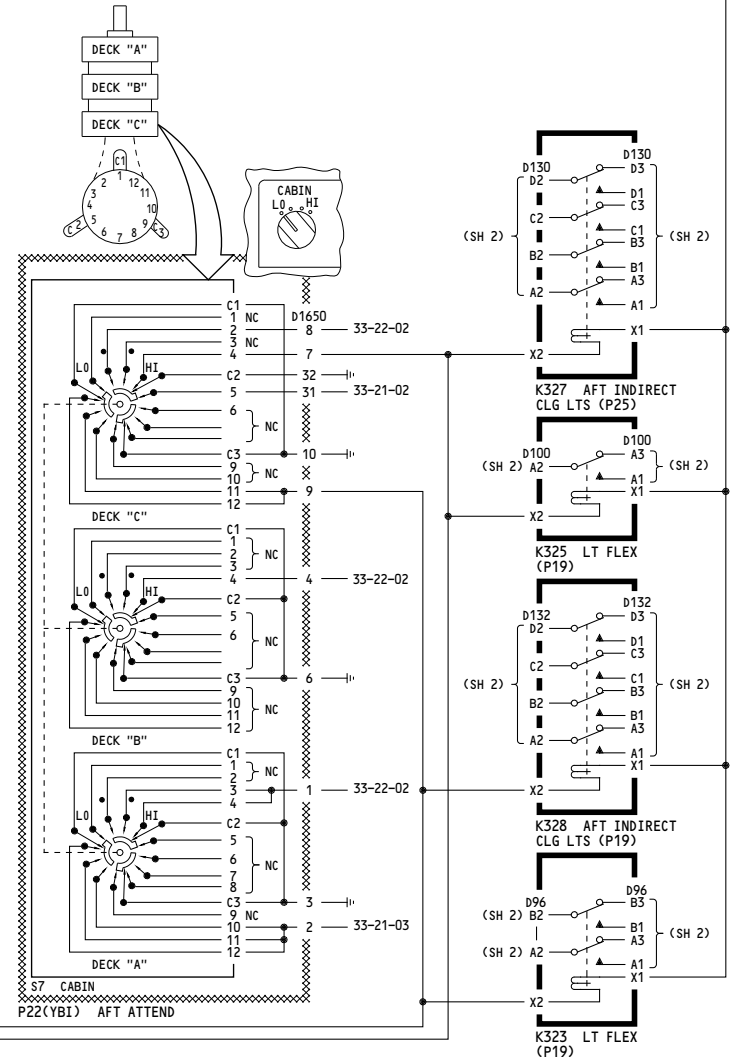
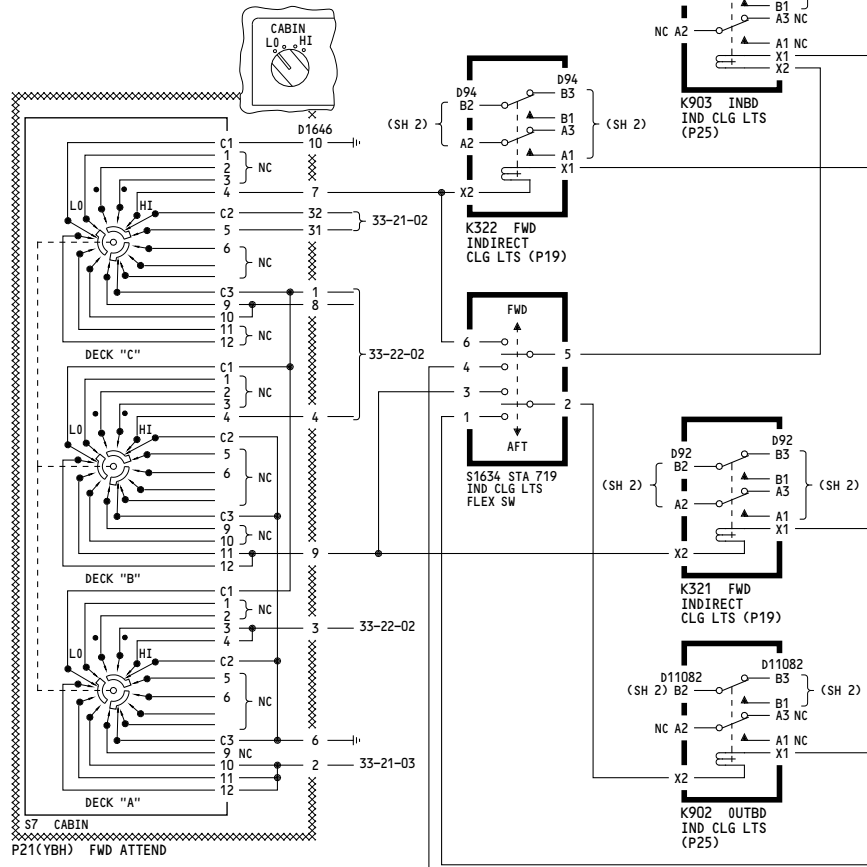
Page 102  
Sheet 3  
Jan 21/2005

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630 115V AC GND SVCE BUS 24-51-05 (SH 2) C1207 INDIRECT CEILING LTS CONT (L12) P33 FWD MISC ELEC EQUIP

TYPICAL CABIN LIGHTS CONTROL TABLE

CABIN LIGHTS	POSITION		SCHEMATIC
	LO	HI	
INDIRECT CEILING - INBD	-	ON	33-21-01
INDIRECT CEILING - OUTBD	-	ON	33-21-02
NIGHT	ON	-	33-21-02
SIDEWALL	ON	ON	33-21-03
DIRECT CEILING (ONLY SOME LTS ARE ON)	ON	ON	33-22-02



WIRING DIAGRAMS  
33-21-11  
33-21-12  
33-21-13  
33-21-14

275-277

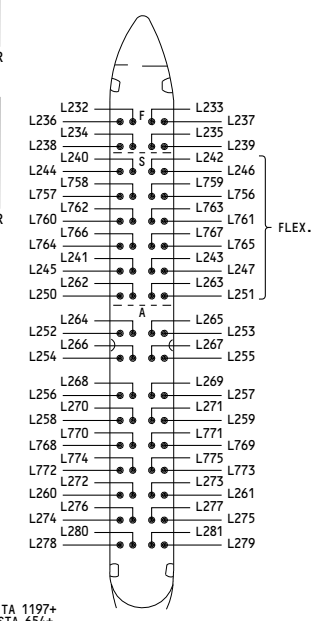
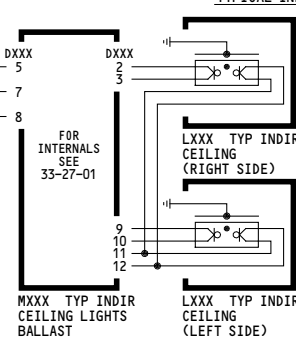
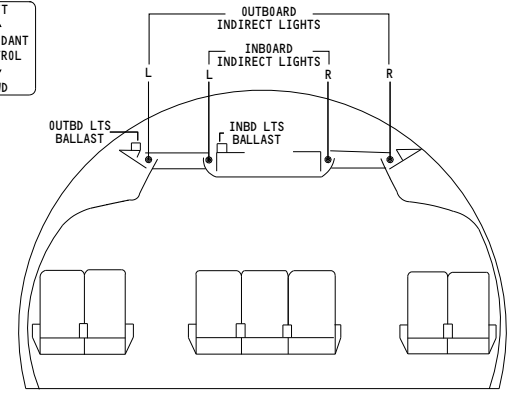
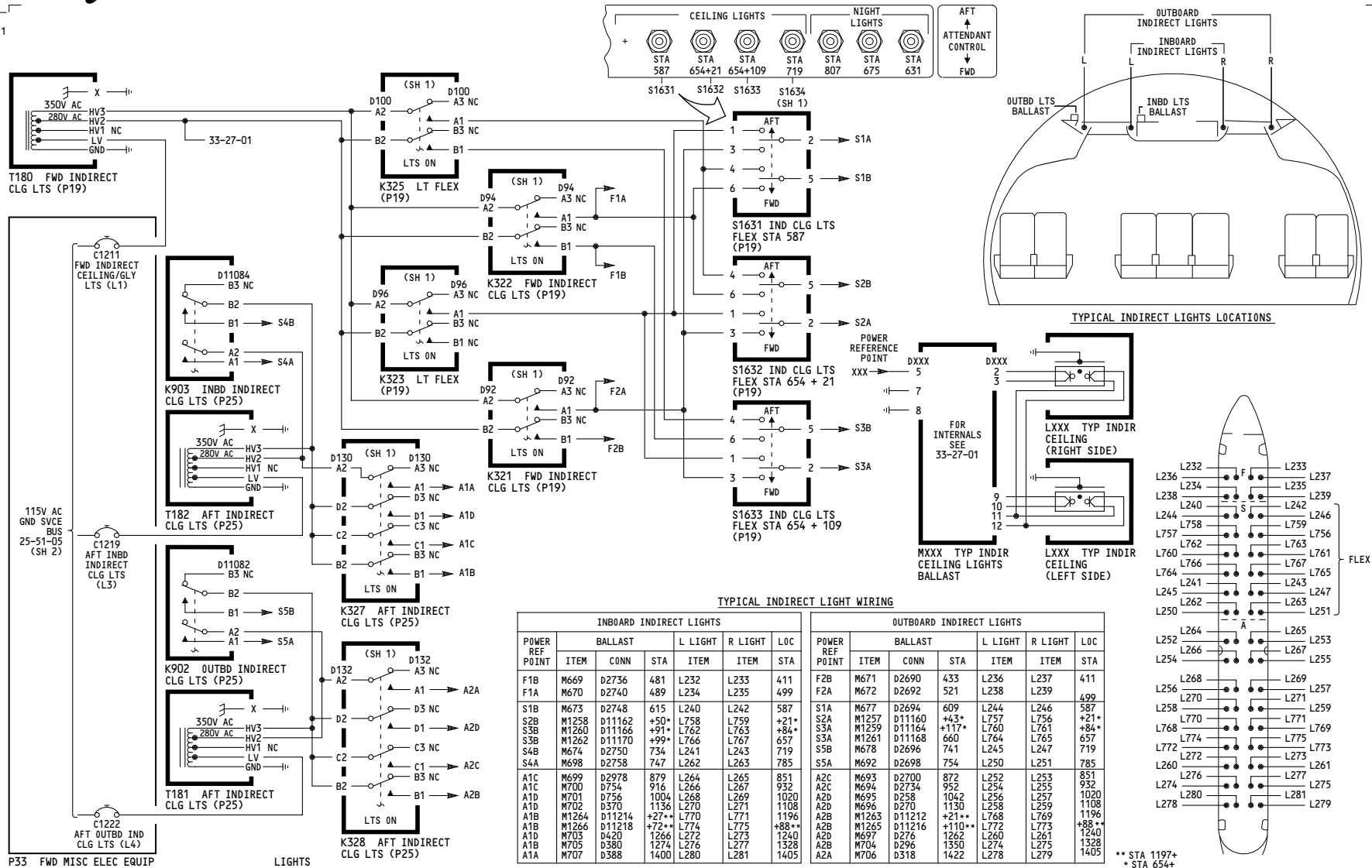
**INDIRECT CEILING AND PARTITION LIGHTS**

D280T232

**33-21-01**

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Sheet 1  
Jan 21/2005

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TYPICAL INDIRECT LIGHT WIRING

INBOARD INDIRECT LIGHTS						OUTBOARD INDIRECT LIGHTS							
POWER REF POINT	BALLAST		L LIGHT		R LIGHT	LOC	POWER REF POINT	BALLAST		L LIGHT		R LIGHT	LOC
	ITEM	CONN	STA	ITEM	ITEM	STA		ITEM	CONN	STA	ITEM	ITEM	STA
F1B	M669	D2736	481	L232	L233	411	F2B	M671	D2690	433	L236	L237	411
F1A	M670	D2740	489	L234	L235	499	F2A	M672	D2692	521	L238	L239	499
S1B	M673	D2748	615	L240	L242	587	S1A	M677	D2694	609	L244	L246	587
S2B	M1258	D11162	+50*	L758	L759	+21*	S2A	M1257	D11160	+43*	L757	L756	+21*
S3B	M1260	D11166	+99*	L762	L763	+84*	S3A	M1259	D11164	+117*	L760	L761	+84*
S3B	M1262	D11170	+99*	L766	L767	657	S3A	M1261	D11168	660	L764	L765	657
S4B	M674	D2750	734	L241	L243	719	S5B	M678	D2696	741	L245	L247	719
S4A	M698	D2758	747	L262	L263	785	S5A	M692	D2698	754	L250	L251	785
A1C	M699	D2978	879	L264	L265	851	A2C	M693	D2700	872	L252	L253	851
A1C	M700	D754	916	L266	L267	932	A2C	M694	D2734	952	L254	L255	932
A1D	M701	D756	1004	L268	L269	1020	A2D	M695	D258	1042	L256	L257	1020
A1D	M702	D370	1136	L270	L271	1108	A2D	M696	D270	1130	L258	L259	1108
A1B	M1264	D11214	+27**	L770	L771	1196	A2B	M1263	D11212	+21**	L768	L769	1196
A1B	M1266	D11218	+72**	L774	L775	+88**	A2B	M1265	D11216	+110**	L772	L773	+88**
A1D	M703	D420	1266	L272	L273	1240	A2D	M697	D276	1262	L260	L261	1240
A1B	M705	D380	1274	L276	L277	1328	A2B	M704	D296	1350	L274	L275	1328
A1A	M707	D388	1400	L280	L281	1405	A2A	M706	D318	1422	L278	L279	1405

\*\* STA 1197+  
\* STA 654+

275-277

**INDIRECT CEILING AND PARTITION LIGHTS**

Incorporates  
 33-0054  
 MTO 330339

D280T32

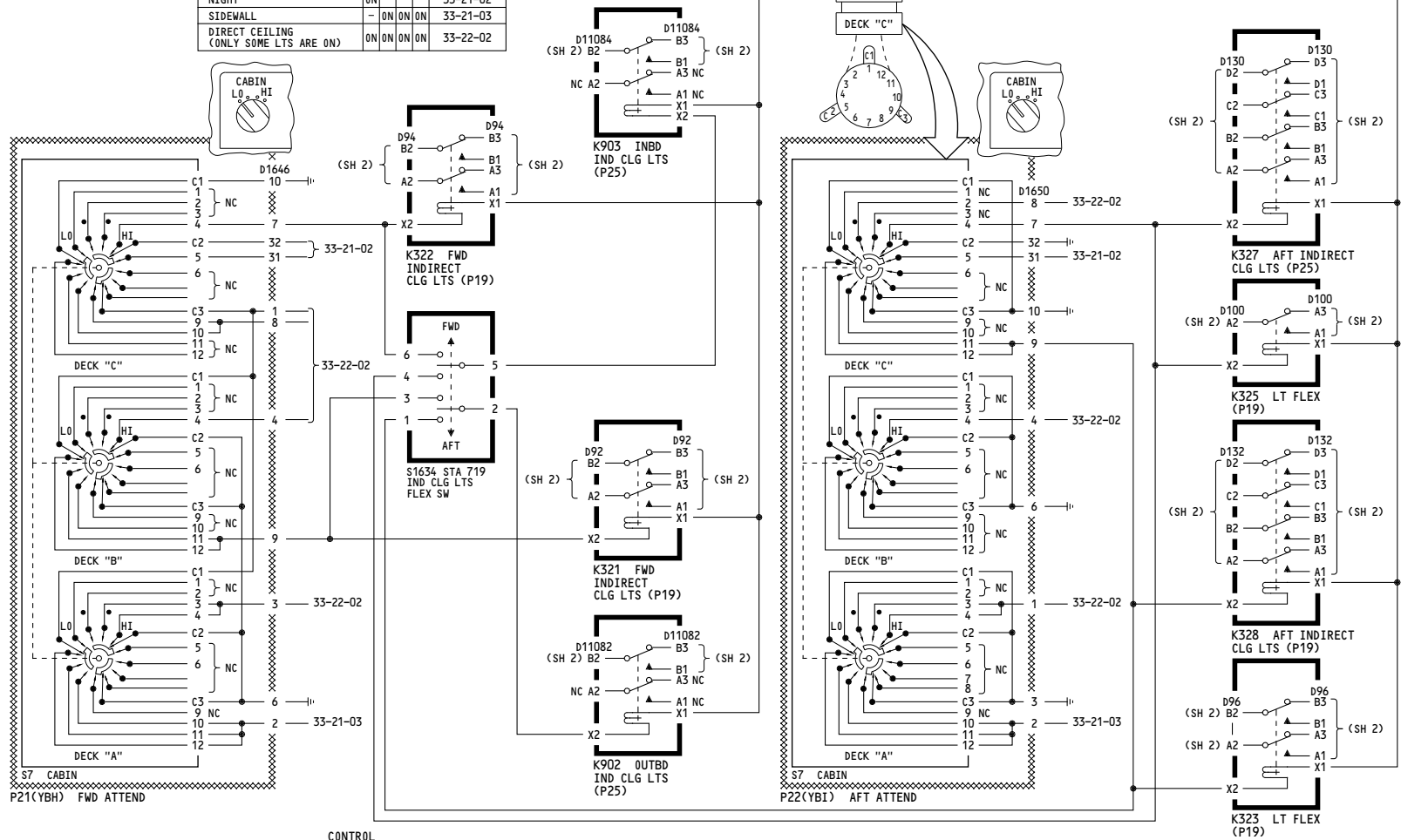
**33-21-01**

630  
115V AC  
GND SVCE  
BUS  
24-51-05  
(SH 2)  
C1207  
INDIRECT  
CEILING LTS CONT  
(L12)  
P33 FWD MISC ELEC EQUIP

TYPICAL CABIN LIGHTS CONTROL TABLE

CABIN LIGHTS	POSITION		SCHEMATIC
	LO	HI	
INDIRECT CEILING - INBD	-	ON	33-21-01
INDIRECT CEILING - OUTBD	-	ON	33-21-02
NIGHT	ON	-	33-21-02
SIDEWALL	ON	ON	33-21-03
DIRECT CEILING (ONLY SOME LTS ARE ON)	ON	ON	33-22-02

WIRING DIAGRAMS  
33-21-11  
33-21-12  
33-21-13  
33-21-14



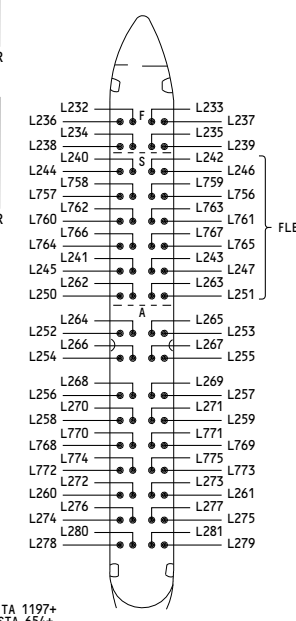
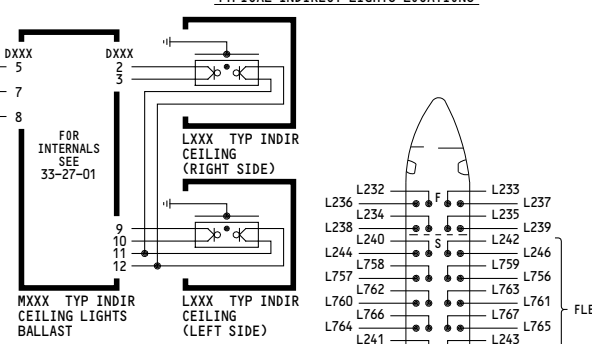
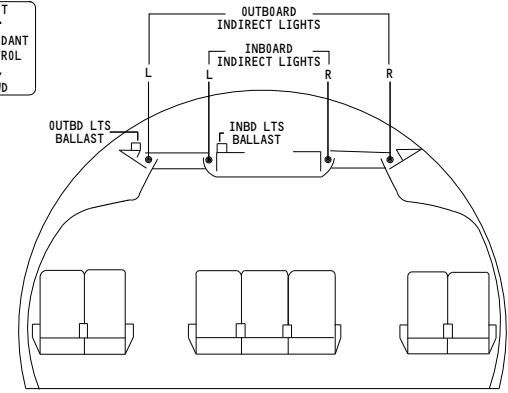
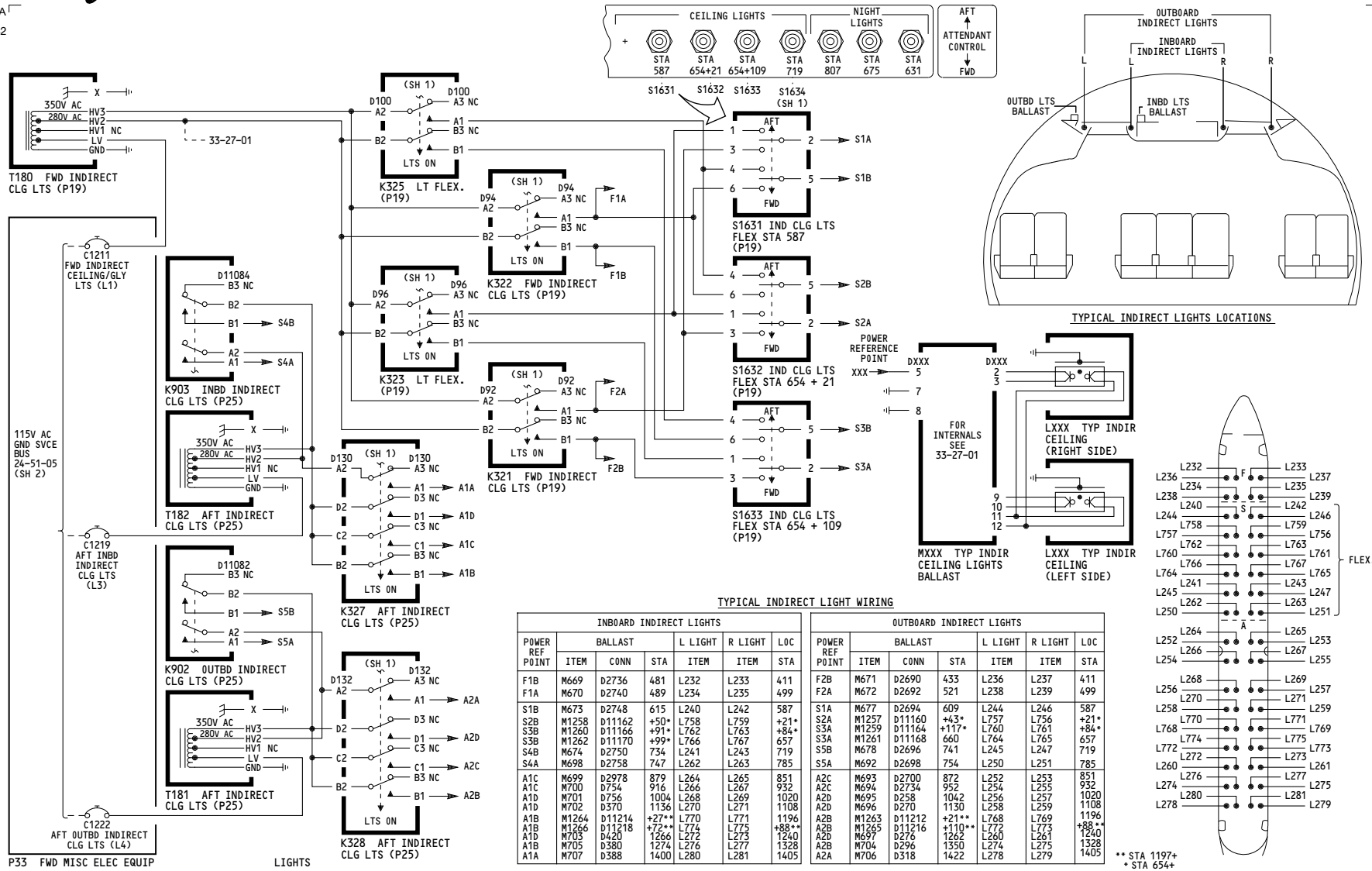
278

**INDIRECT CEILING AND PARTITION LIGHTS**

D280T232

**33-21-01**

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INBOARD INDIRECT LIGHTS						OUTBOARD INDIRECT LIGHTS							
POWER REF POINT	BALLAST		L LIGHT		R LIGHT	LOC	POWER REF POINT	BALLAST		L LIGHT		R LIGHT	LOC
	ITEM	CONN	STA	ITEM	ITEM			STA	ITEM	CONN	STA	ITEM	
F1B	M669	D2736	481	L232	L233	411	F2B	M671	D2690	433	L236	L237	411
F1A	M670	D2740	489	L234	L235	499	F2A	M672	D2692	521	L238	L239	499
S1B	M673	D2748	615	L240	L242	587	S1A	M677	D2694	609	L244	L246	587
S2B	M1258	D11162	+50*	L758	L759	+21*	S2A	M1257	D11160	+43*	L757	L756	+21*
S3B	M1260	D11166	+91*	L762	L763	+84*	S3A	M1259	D11164	+117*	L760	L761	+84*
S4B	M1262	D11170	+99*	L766	L767	657	S5A	M1261	D11168	660	L764	L765	657
A1B	M1264	D11214	+27**	L770	L771	1196	S5B	M678	D2696	741	L245	L247	719
A1C	M699	D2978	879	L264	L265	851	S5A	M692	D2698	754	L250	L251	785
A1D	M701	D756	1094	L268	L269	1020	A2C	M693	D2700	872	L252	L253	851
A1E	M702	D370	1136	L270	L271	1108	A2C	M694	D2734	952	L254	L255	932
A1F	M1266	D11218	+72**	L774	L775	+88**	A2D	M695	D258	1042	L256	L257	1020
A1G	M703	D420	1266	L272	L273	1240	A2D	M696	D270	1130	L258	L259	1108
A1H	M705	D380	1274	L276	L277	1328	A2B	M1263	D11212	+21**	L768	L769	1196
A1A	M707	D388	1400	L280	L281	1405	A2B	M1265	D11216	+110**	L772	L773	+88**
							A2D	M697	D276	1262	L260	L261	1240
							A2B	M704	D296	1350	L274	L275	1328
							A2A	M706	D318	1422	L278	L279	1405

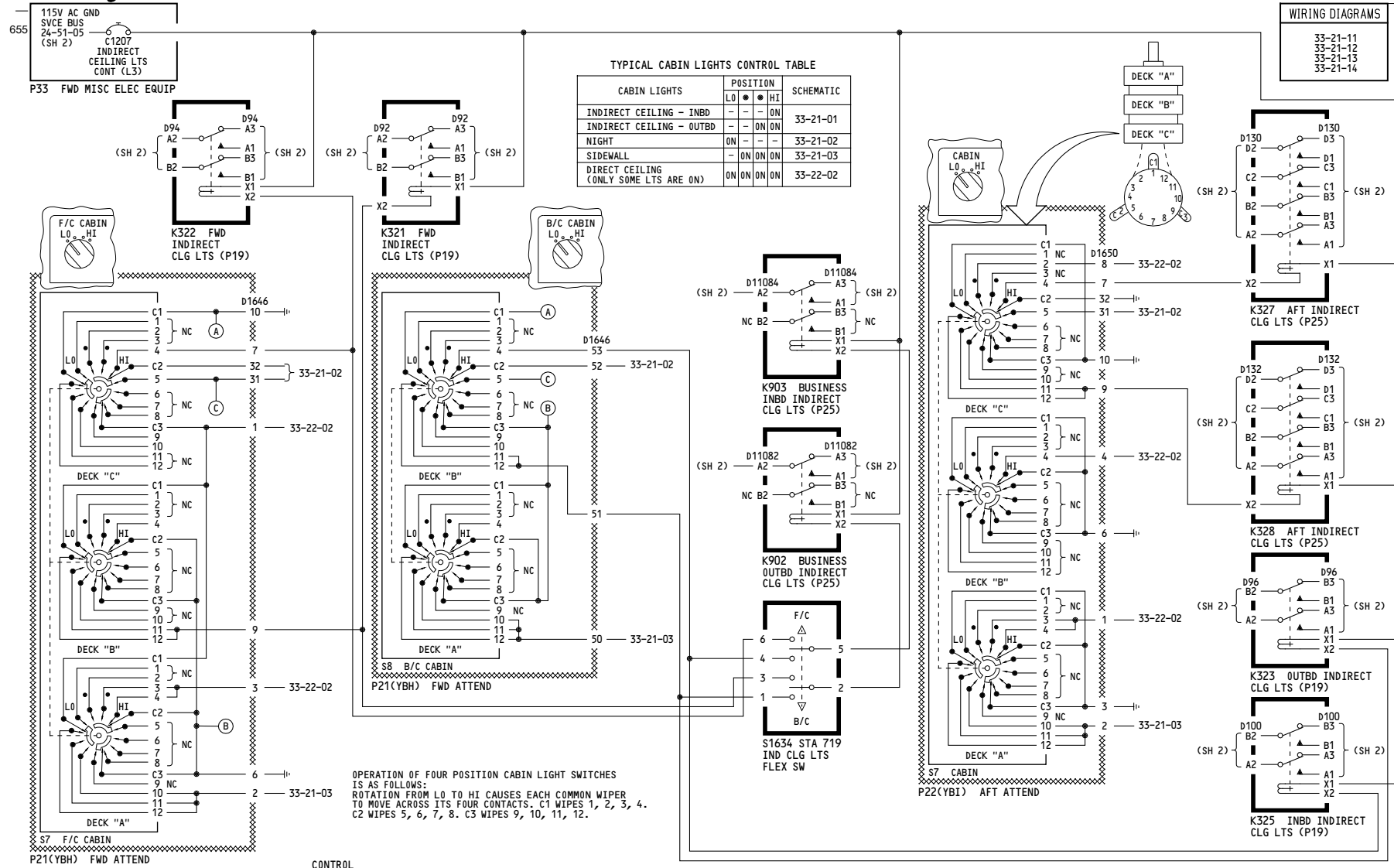
\*\* STA 1197+  
\* STA 654+

278

**INDIRECT CEILING AND PARTITION LIGHTS**

D280T32

**33-21-01**



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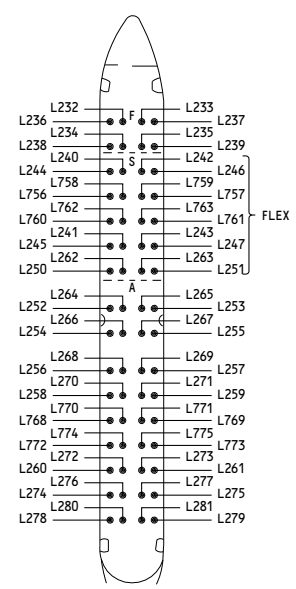
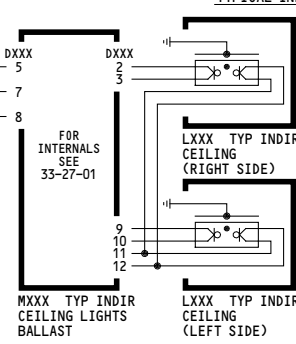
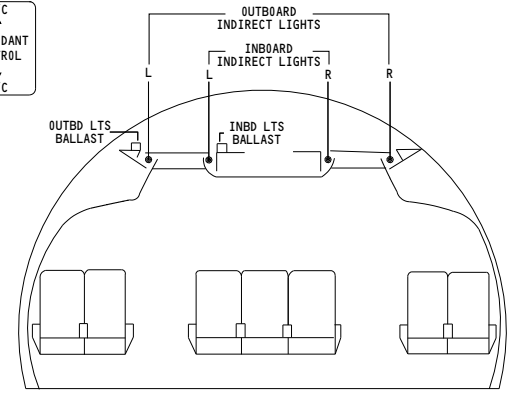
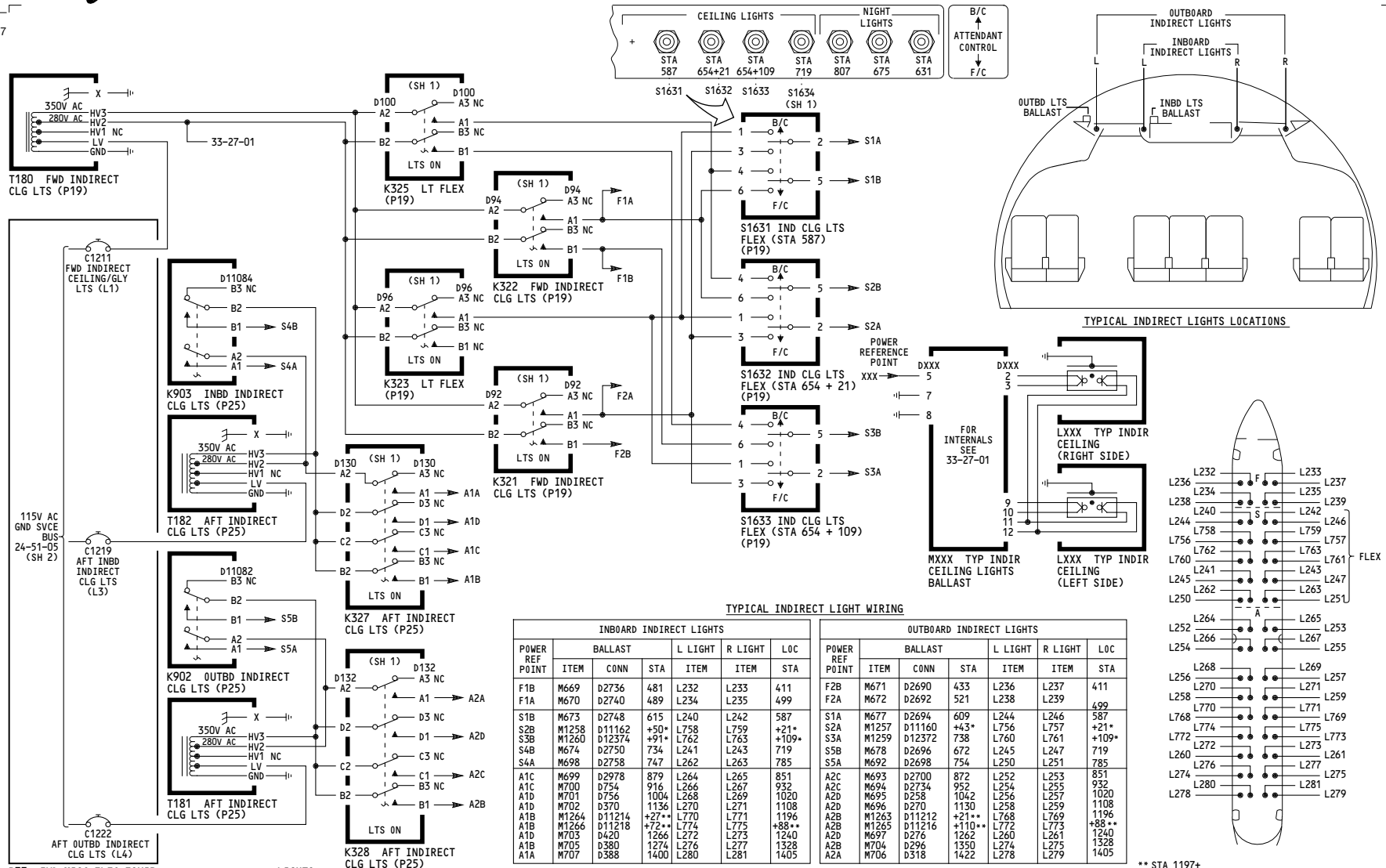
**INDIRECT CEILING AND PARTITION LIGHTS**

D280T232

**33-21-01**

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 Sheet 1  
 Jan 21/2005

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TYPICAL INDIRECT LIGHT WIRING

INBOARD INDIRECT LIGHTS							OUTBOARD INDIRECT LIGHTS						
POWER REF POINT	BALLAST ITEM	CONN	L LIGHT STA	R LIGHT ITEM	LOC STA		POWER REF POINT	BALLAST ITEM	CONN	L LIGHT STA	R LIGHT ITEM	LOC STA	
F1B	M669	D2736	481	L232	L233	411	F2B	M671	D2690	433	L236	L237	411
F1A	M670	D2740	489	L234	L235	499	F2A	M672	D2692	521	L238	L239	499
S1B	M673	D2748	615	L240	L242	587	S1A	M677	D2694	609	L244	L246	587
S2B	M1258	D11162	+50*	L758	L759	+21*	S2A	M1257	D11160	+43*	L756	L757	+21*
S3B	M1260	D12374	+91*	L762	L763	+109*	S3A	M1259	D12372	738	L760	L761	+109*
S4B	M674	D2750	734	L241	L243	719	S5B	M678	D2696	672	L245	L247	719
S4A	M698	D2758	747	L262	L263	785	S5A	M692	D2698	754	L250	L251	785
A1C	M699	D2978	879	L264	L265	851	A2C	M693	D2700	872	L252	L253	851
A1C	M700	D754	916	L266	L267	932	A2C	M694	D2734	952	L254	L255	932
A1D	M701	D756	1004	L268	L269	1020	A2D	M695	D258	1042	L256	L257	1020
A1D	M702	D370	1136	L270	L271	1108	A2D	M696	D270	1130	L258	L259	1108
A1B	M1264	D11214	+27*	L770	L771	1196	A2B	M1263	D11212	+21*	L768	L769	1196
A1B	M1266	D11218	+72**	L774	L775	+88**	A2B	M1265	D11216	+110**	L772	L773	+88**
A1D	M703	D420	1266	L272	L273	1240	A2D	M697	D276	1262	L260	L261	1240
A1B	M705	D380	1274	L276	L277	1328	A2B	M704	D296	1350	L274	L275	1328
A1A	M707	D388	1400	L280	L281	1405	A2A	M706	D318	1422	L278	L279	1405

\*\* STA 1197+  
\* STA 654+

280

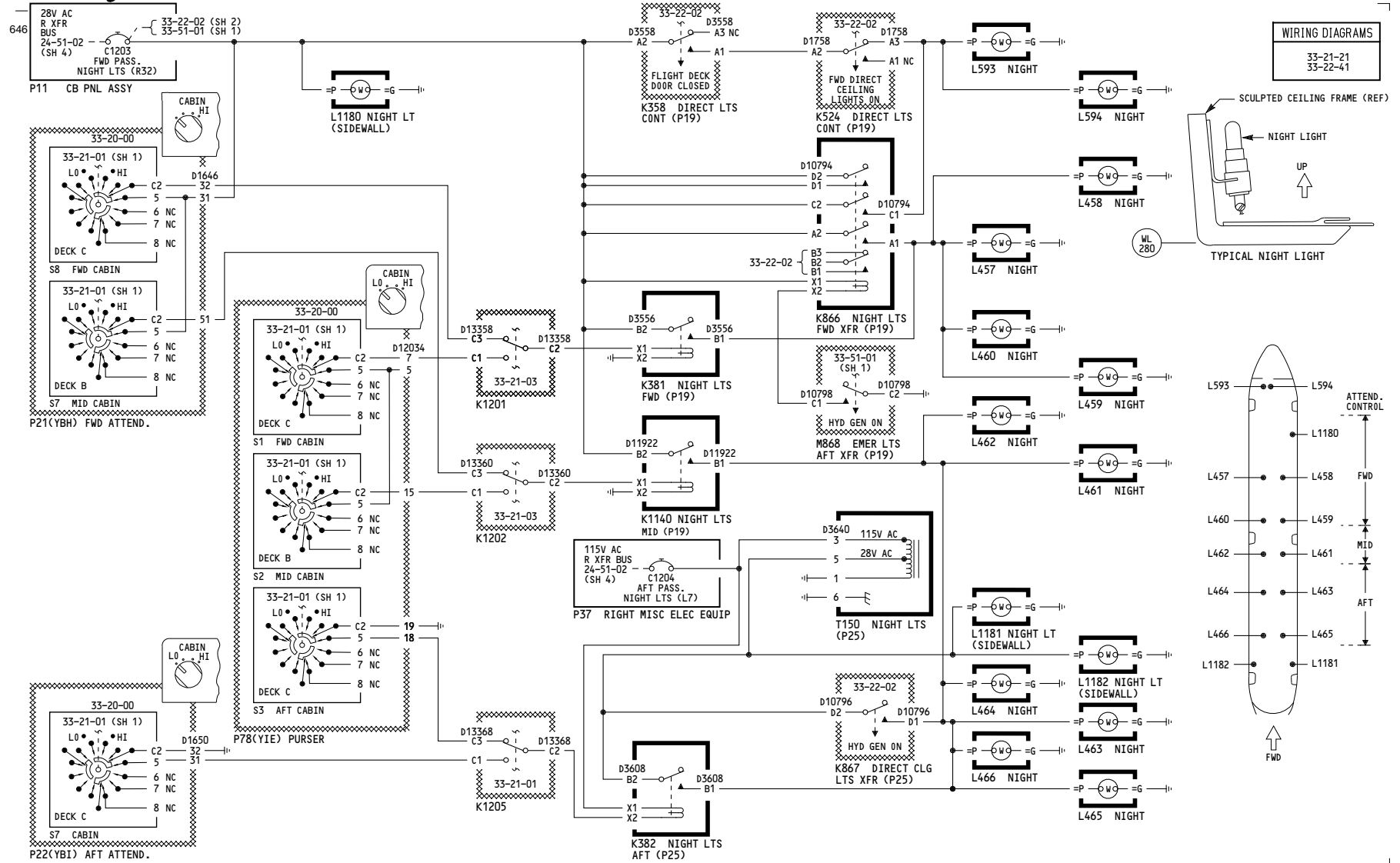
**INDIRECT CEILING AND PARTITION LIGHTS**

Incorporates  
 33-0054  
 MTO 330339

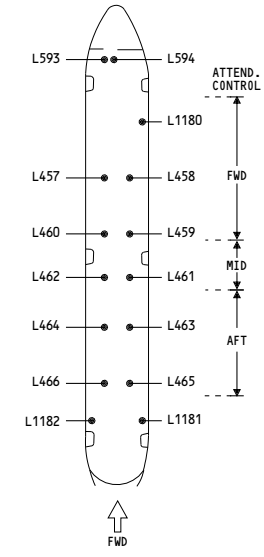
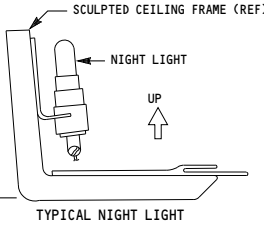
D280T232

**33-21-01**





WIRING DIAGRAMS  
33-21-21  
33-22-41

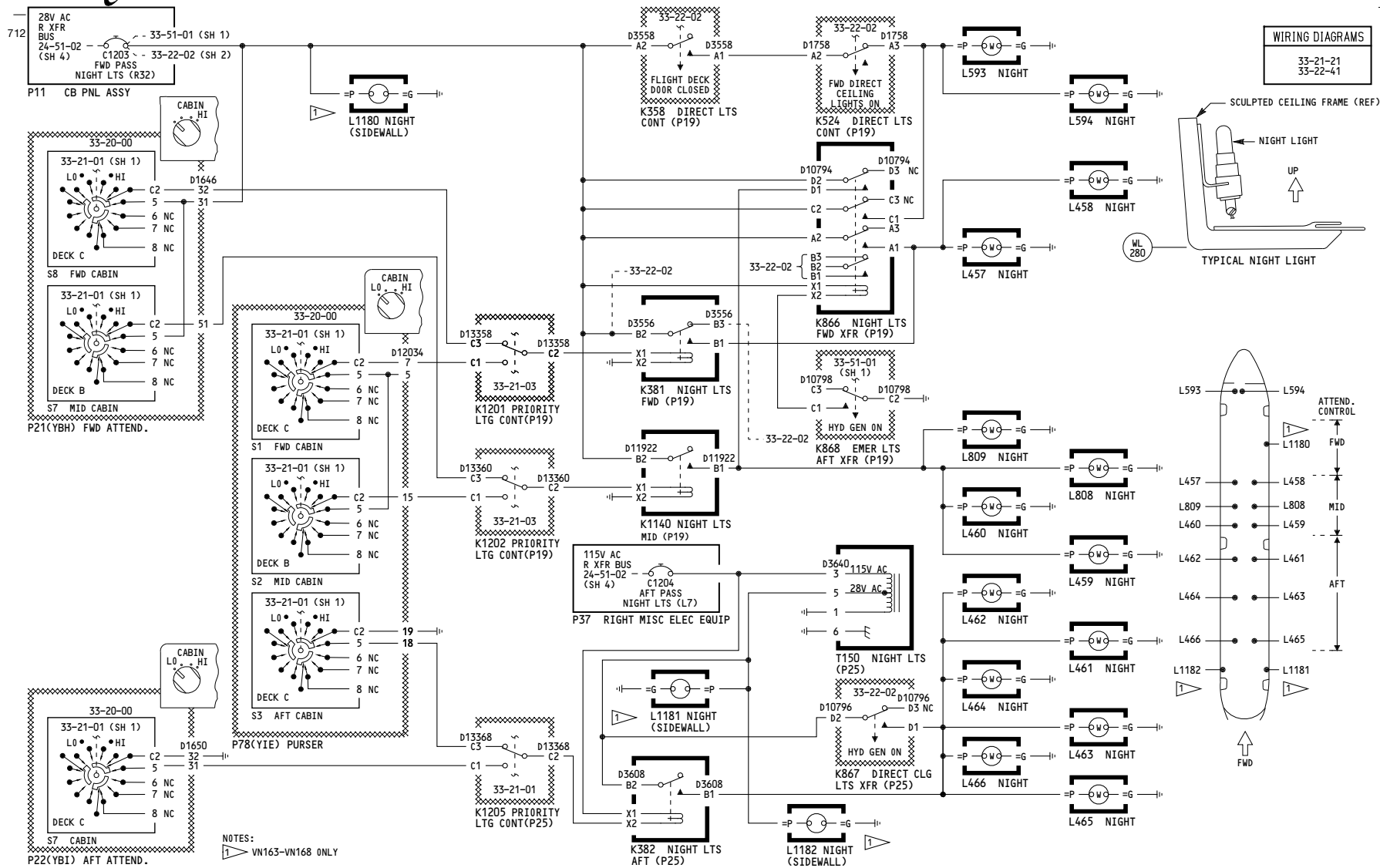


050-099

**NIGHT LIGHTS**

D280T232

**33-21-02**



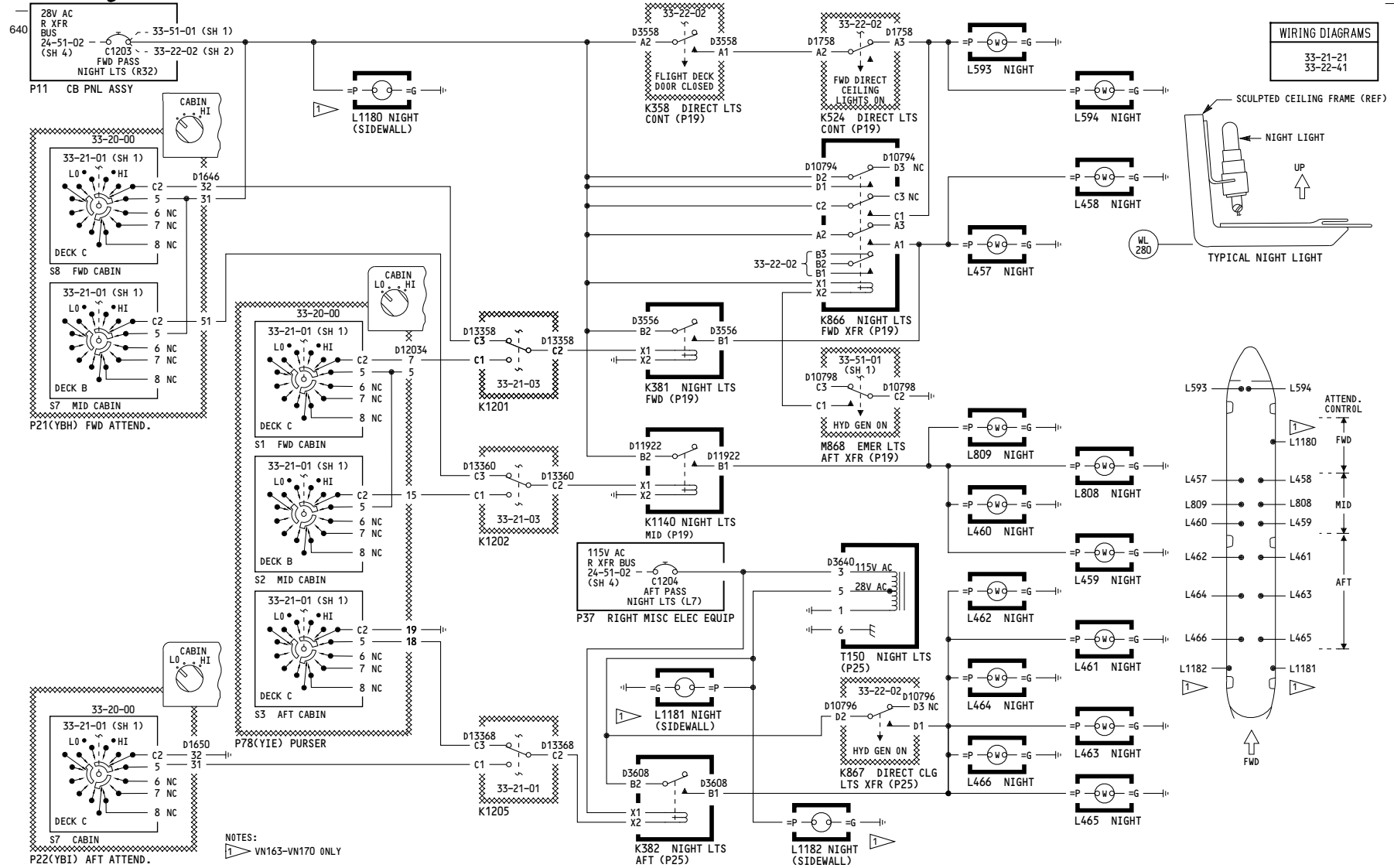
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**NIGHT LIGHTS**

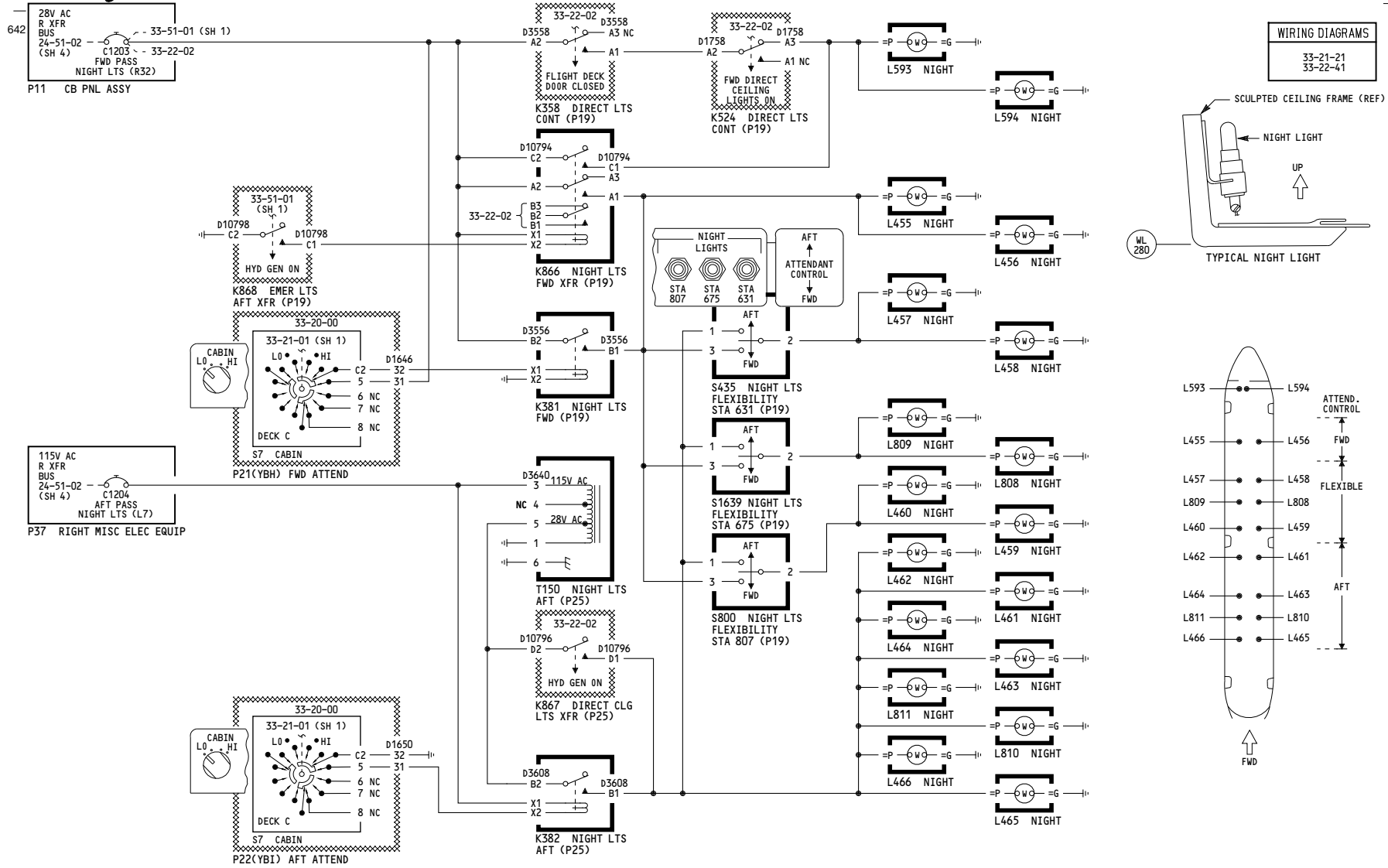
**Incorporates**  
MTO 330370

**33-21-02**

D280T232



151	<b>NIGHT LIGHTS</b>	<b>33-21-02</b>
	D280T232	Page 103 Jan 21/2005



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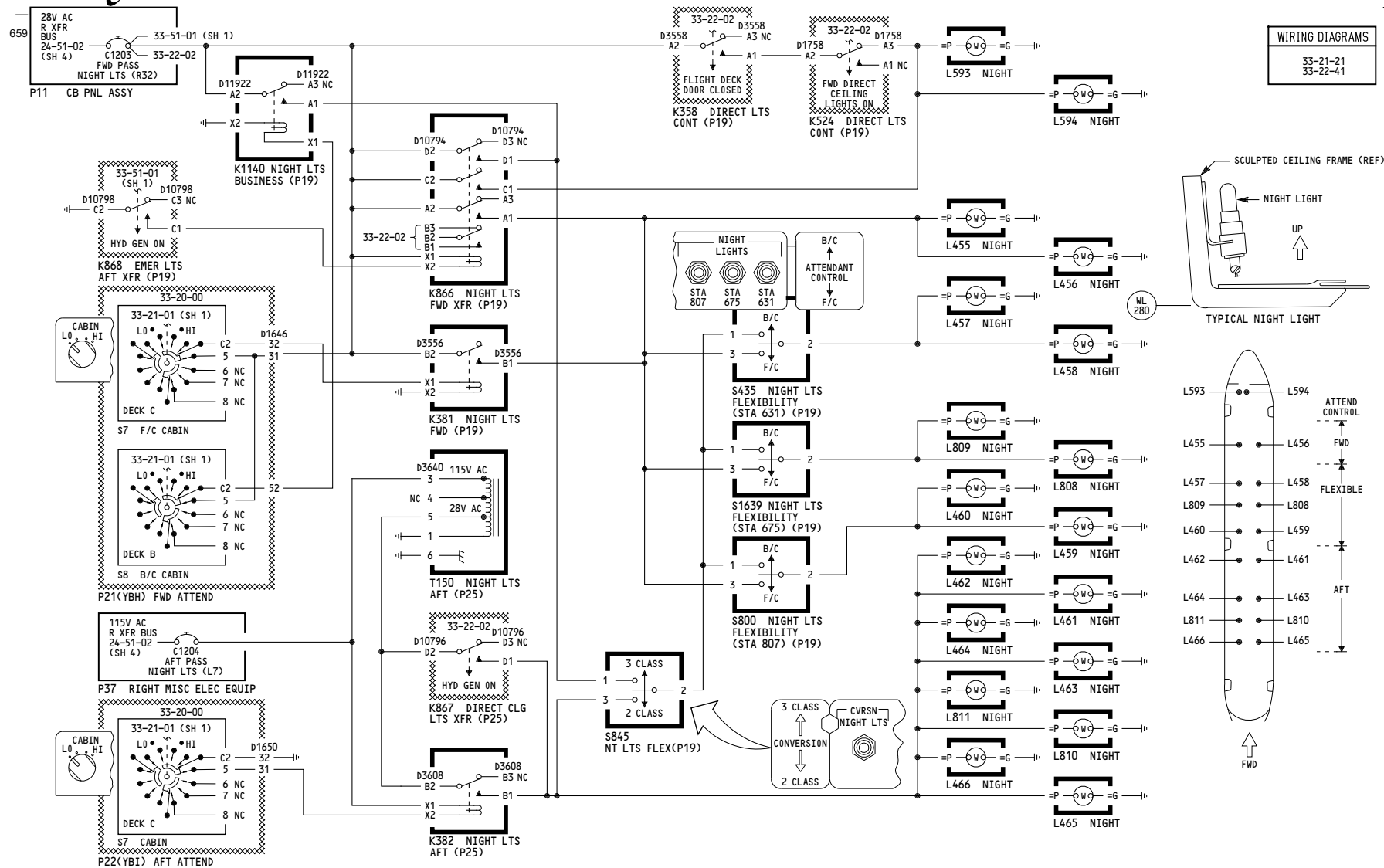
**NIGHT LIGHTS**

D280T232

**33-21-02**

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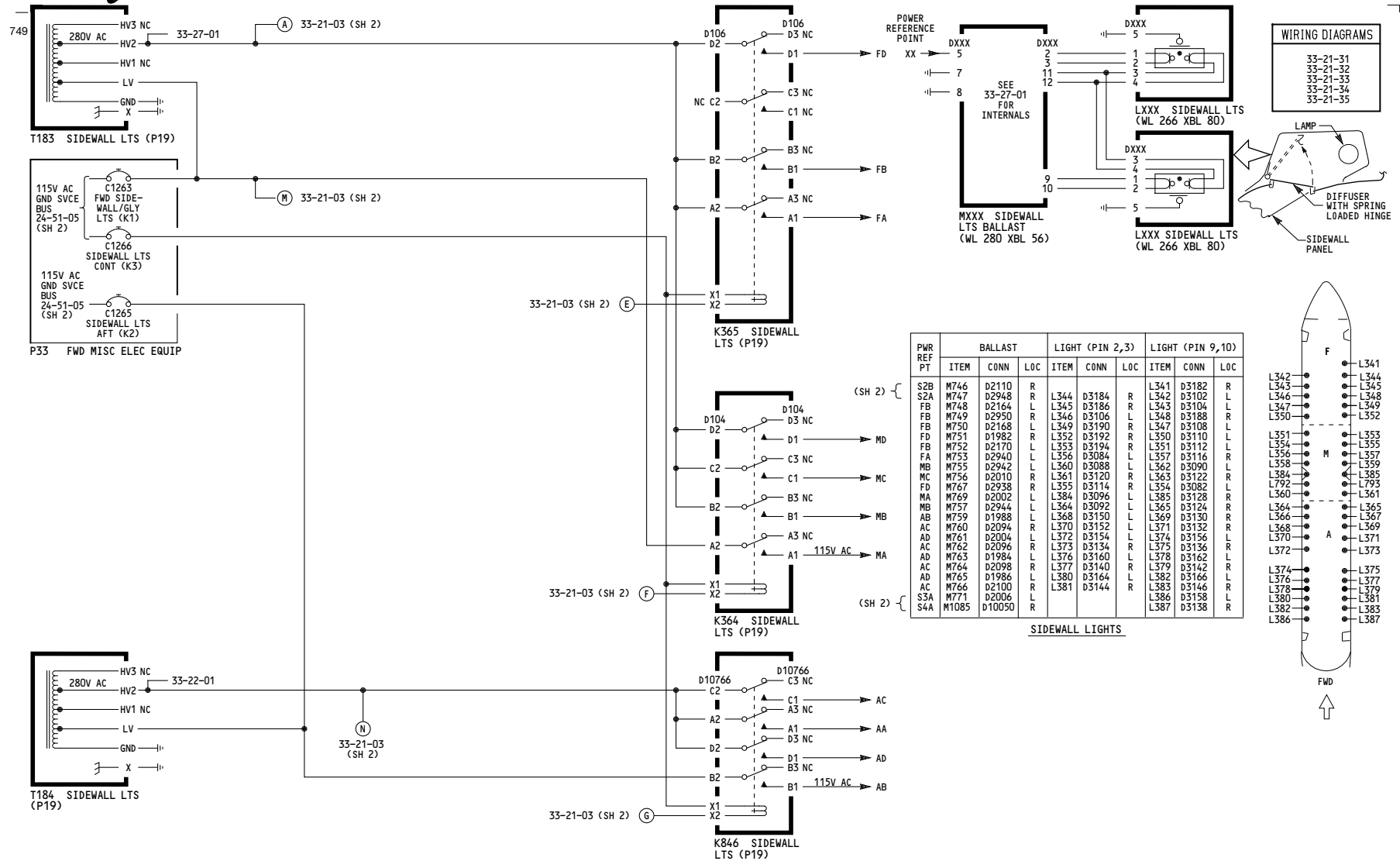
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**NIGHT LIGHTS**

D280T232

**33-21-02**

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050-051

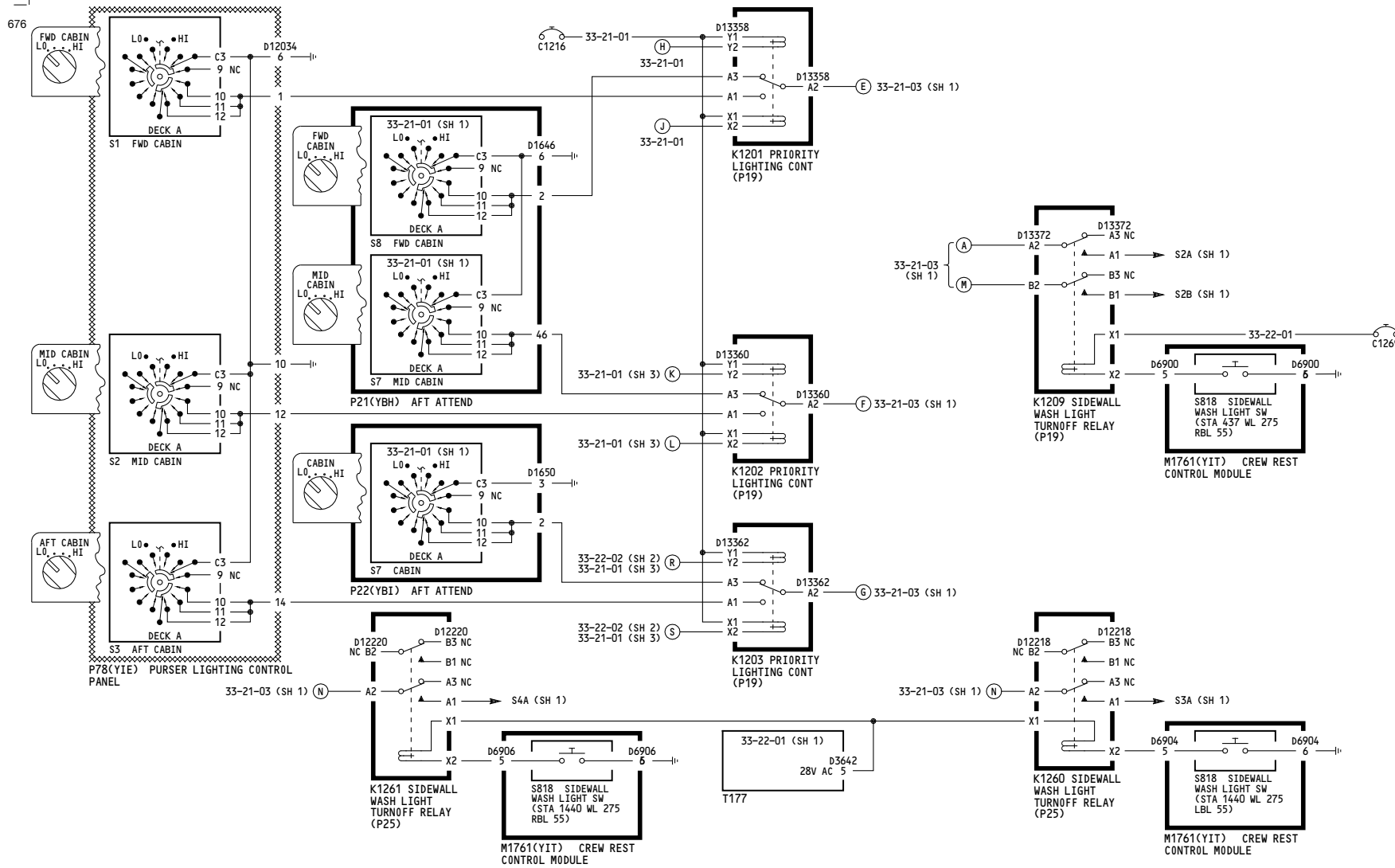
**SIDEWALL LIGHTS**

Incorporates

- ▶ MTO 230540
- ▶ MTO 230541A
- ▶ MTO 330354

D280T232

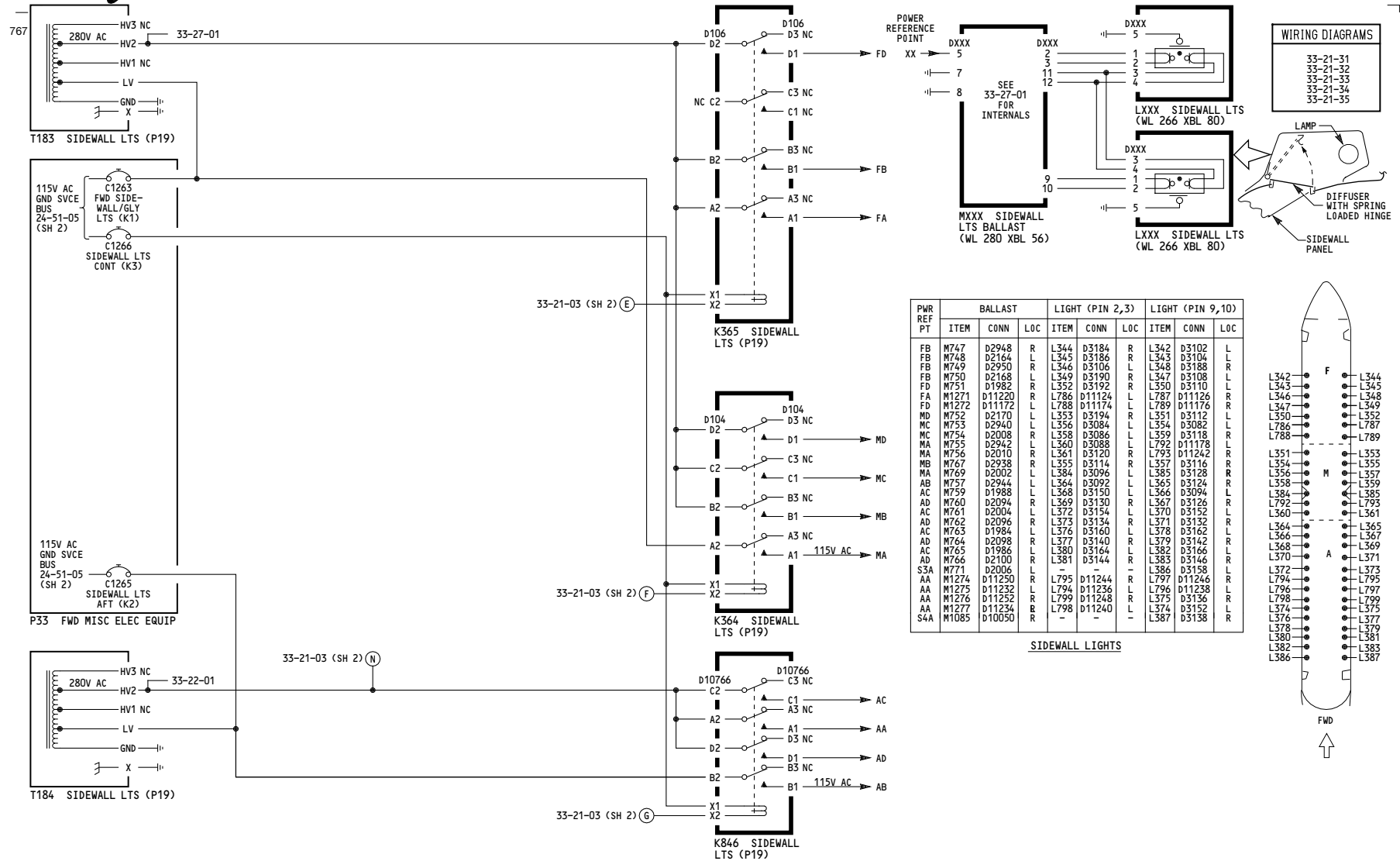
**33-21-03**



050-051	<p><b>SIDEWALL LIGHTS</b></p> <p>Incorporates</p> <ul style="list-style-type: none"> <li>▶ MTO 230540</li> <li>▶ MTO 230541A</li> <li>▶ MTO 330354</li> </ul> <p>D280T232</p>
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**33-21-03**





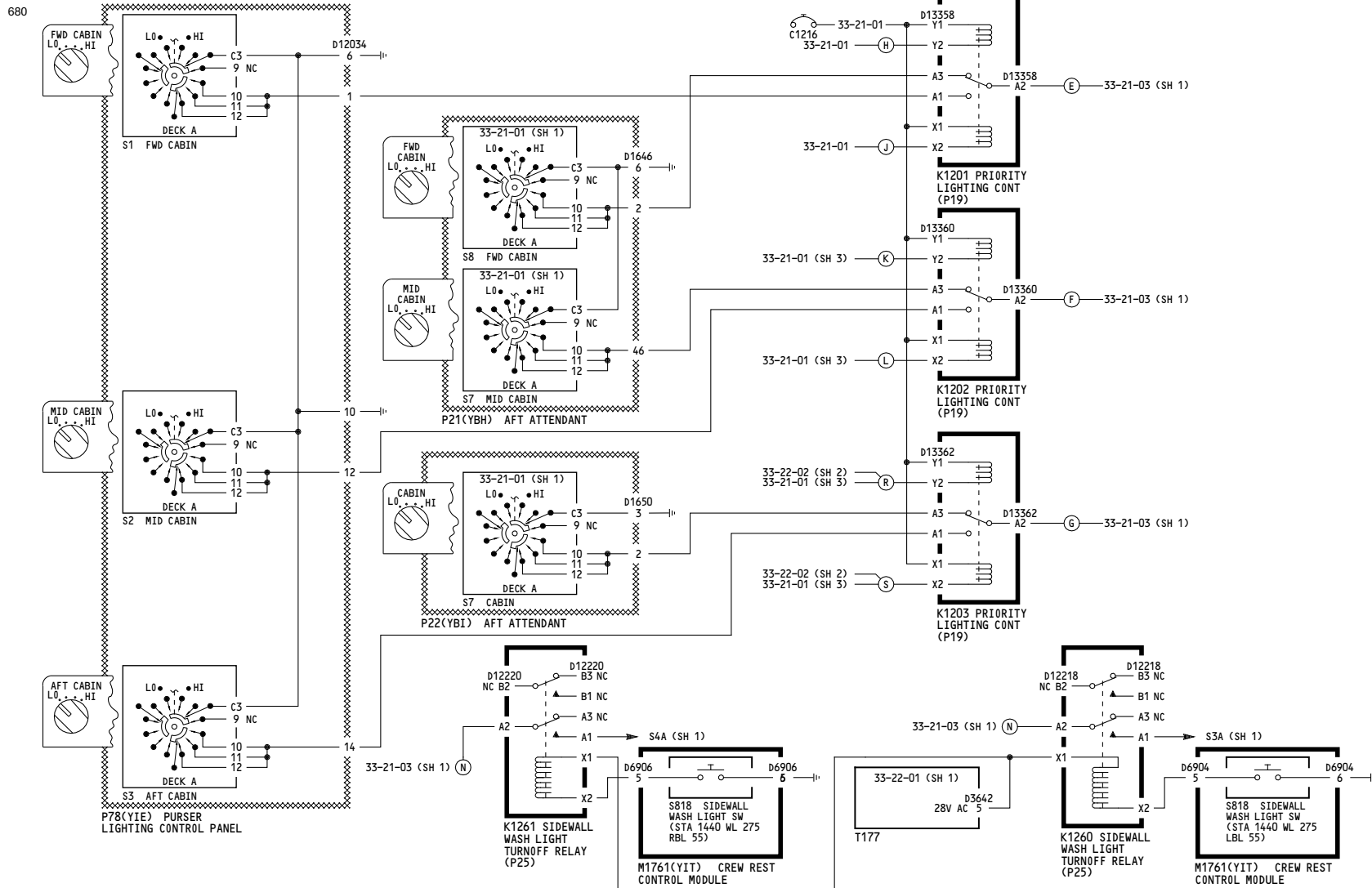
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**SIDEWALL LIGHTS**

Incorporates  
▶ MTO 330342B  
▶ MTO 330370

D280T232

**33-21-03**



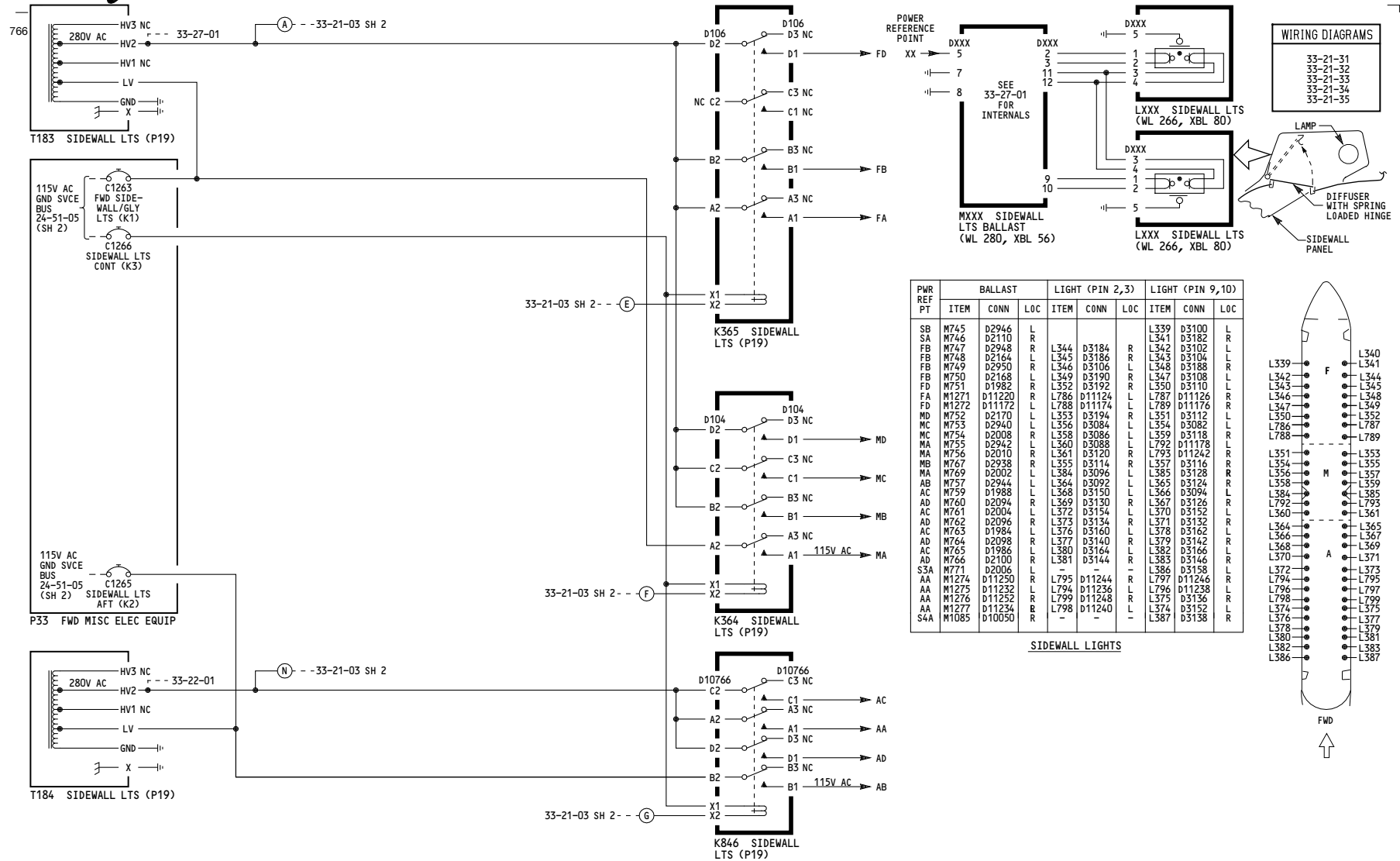
150, 153-156

**SIDEWALL LIGHTS**

- ▶ Incorporates
- ▶ MTO 330342B
- ▶ MTO 330370

D280T232

**33-21-03**



PWR REF PT	BALLAST			LIGHT (PIN 2,3)			LIGHT (PIN 9,10)		
	ITEM	CONN	LOC	ITEM	CONN	LOC	ITEM	CONN	LOC
SB	M745	D2946	L	L339	D3100	L	L339	D3100	L
SA	M746	D2110	R	L341	D3182	R	L341	D3182	R
FB	M747	D2948	R	L342	D3102	R	L342	D3102	R
FB	M748	D2164	L	L343	D3186	L	L343	D3186	L
FB	M749	D2950	R	L344	D3106	R	L344	D3106	R
FB	M750	D2168	L	L345	D3188	L	L345	D3188	L
FD	M751	D1982	R	L346	D3108	R	L346	D3108	R
FA	M1271	D11220	R	L347	D3110	L	L347	D3110	L
FD	M1272	D11172	L	L348	D3112	L	L348	D3112	L
MD	M752	D2170	L	L349	D3112	L	L349	D3112	L
MC	M753	D2940	L	L350	D3112	L	L350	D3112	L
MC	M754	D2008	R	L351	D3082	R	L351	D3082	R
MA	M755	D2942	L	L352	D3088	L	L352	D3088	L
MA	M756	D2010	R	L353	D3118	R	L353	D3118	R
MB	M767	D2938	R	L354	D3120	R	L354	D3120	R
MA	M769	D2002	L	L355	D3114	L	L355	D3114	L
AB	M757	D2944	L	L356	D3128	L	L356	D3128	L
AC	M759	D1988	L	L357	D3092	L	L357	D3092	L
AD	M760	D2094	R	L358	D3150	R	L358	D3150	R
AD	M761	D2004	L	L359	D3150	L	L359	D3150	L
AD	M762	D2096	L	L360	D3126	L	L360	D3126	L
AC	M763	D1984	L	L361	D3152	L	L361	D3152	L
AD	M764	D2098	R	L362	D3162	R	L362	D3162	R
AC	M765	D1986	L	L363	D3142	L	L363	D3142	L
AD	M766	D2100	R	L364	D3166	R	L364	D3166	R
ACA	M771	D2006	L	L365	D3144	L	L365	D3144	L
AA	M1274	D11250	R	L366	-	-	L366	-	-
AA	M1275	D11232	L	L367	-	-	L367	-	-
AA	M1276	D11252	R	L368	-	-	L368	-	-
AA	M1277	D11234	L	L369	-	-	L369	-	-
S4A	M1085	D10050	R	L370	-	-	L370	-	-
				L371	-	-	L371	-	-
				L372	-	-	L372	-	-
				L373	-	-	L373	-	-
				L374	-	-	L374	-	-
				L375	-	-	L375	-	-
				L376	-	-	L376	-	-
				L377	-	-	L377	-	-
				L378	-	-	L378	-	-
				L379	-	-	L379	-	-
				L380	-	-	L380	-	-
				L381	-	-	L381	-	-
				L382	-	-	L382	-	-
				L383	-	-	L383	-	-
				L384	-	-	L384	-	-
				L385	-	-	L385	-	-
				L386	-	-	L386	-	-
				L387	-	-	L387	-	-

SIDEWALL LIGHTS

**33-21-03**

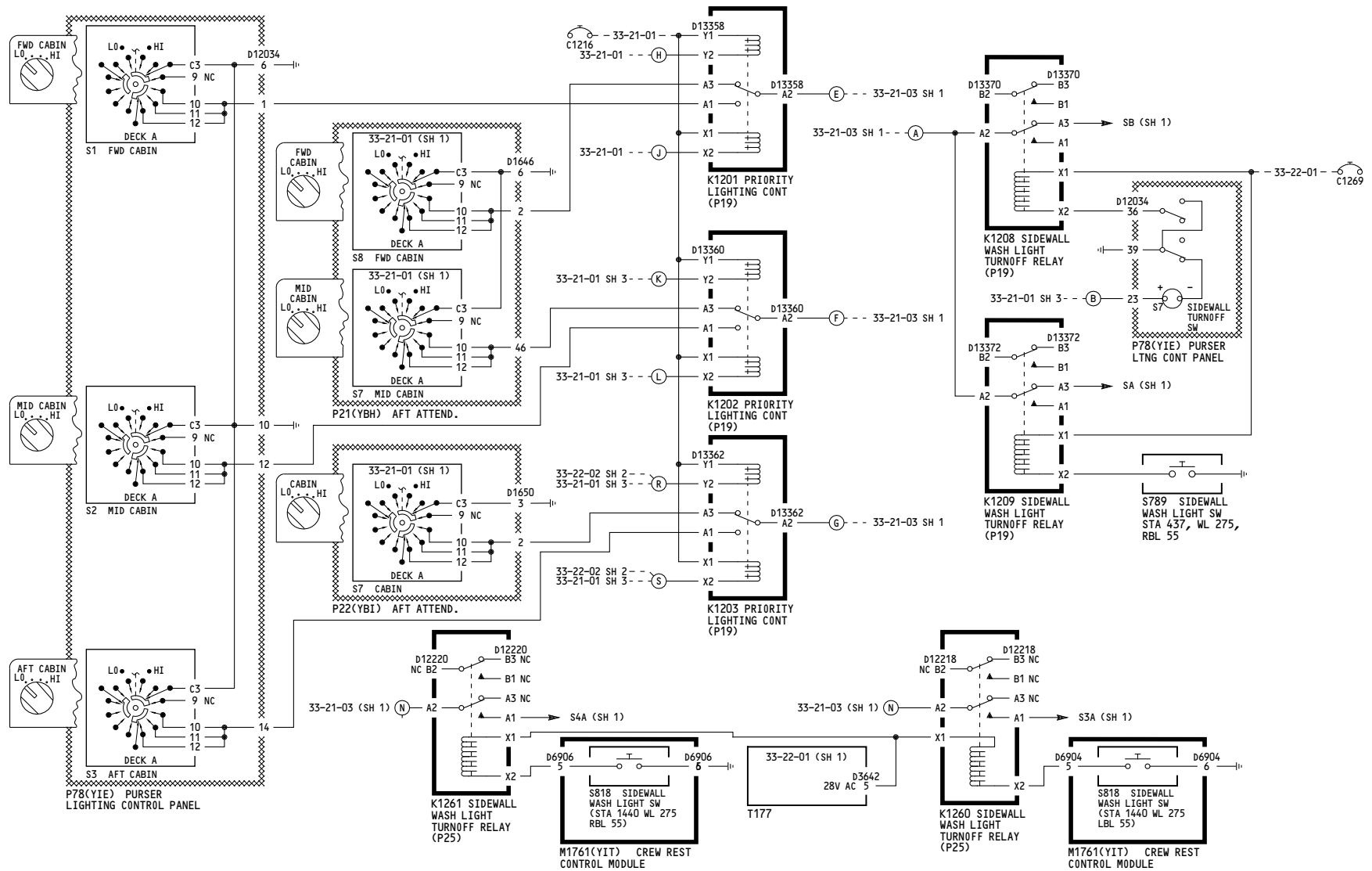
151-152

**SIDEWALL LIGHTS**

Incorporates MTO 330370

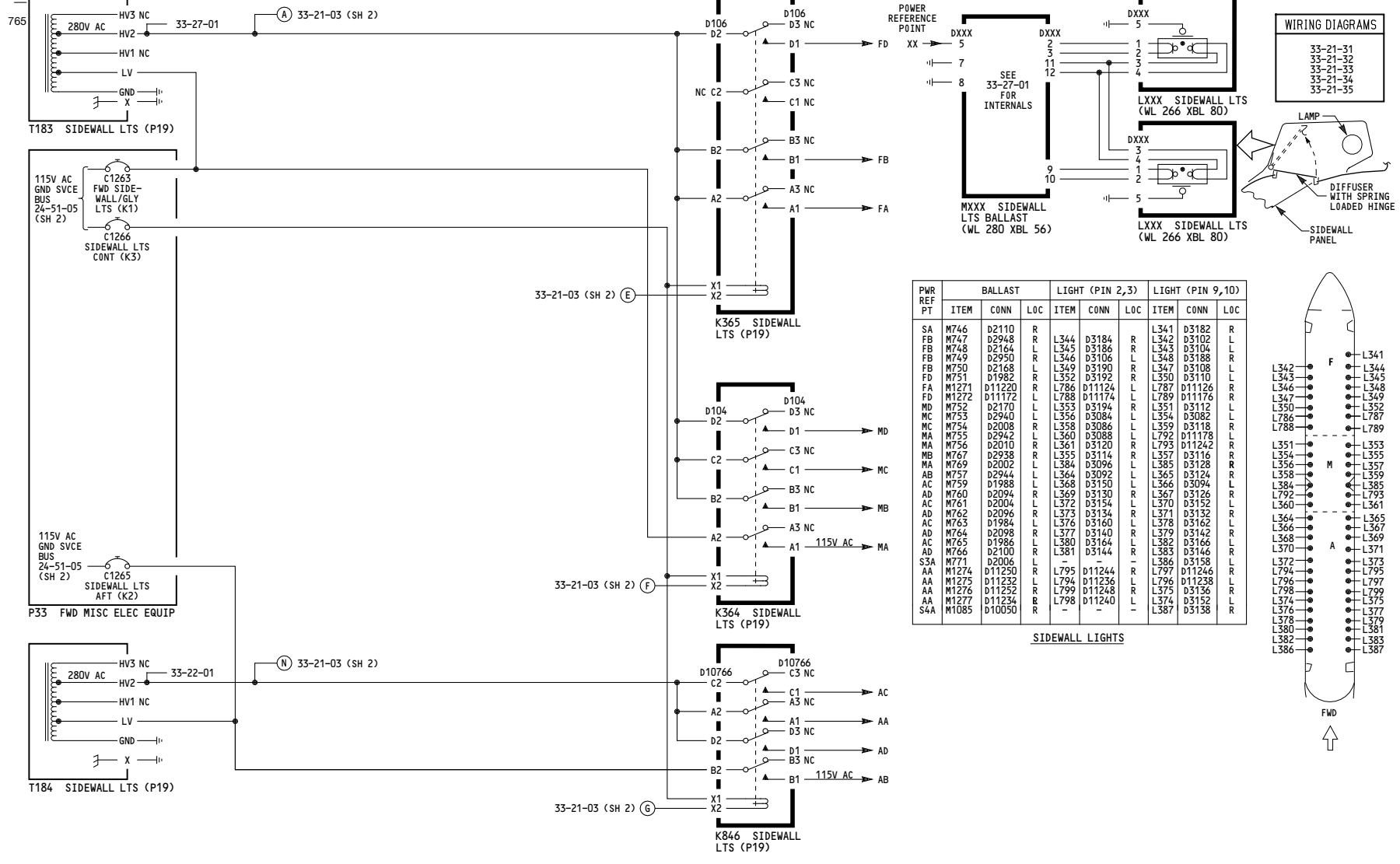
D280T232

678



151-152	<b>SIDEWALL LIGHTS</b>
Incorporates MTO 330370	
D280T232	

**33-21-03**



157

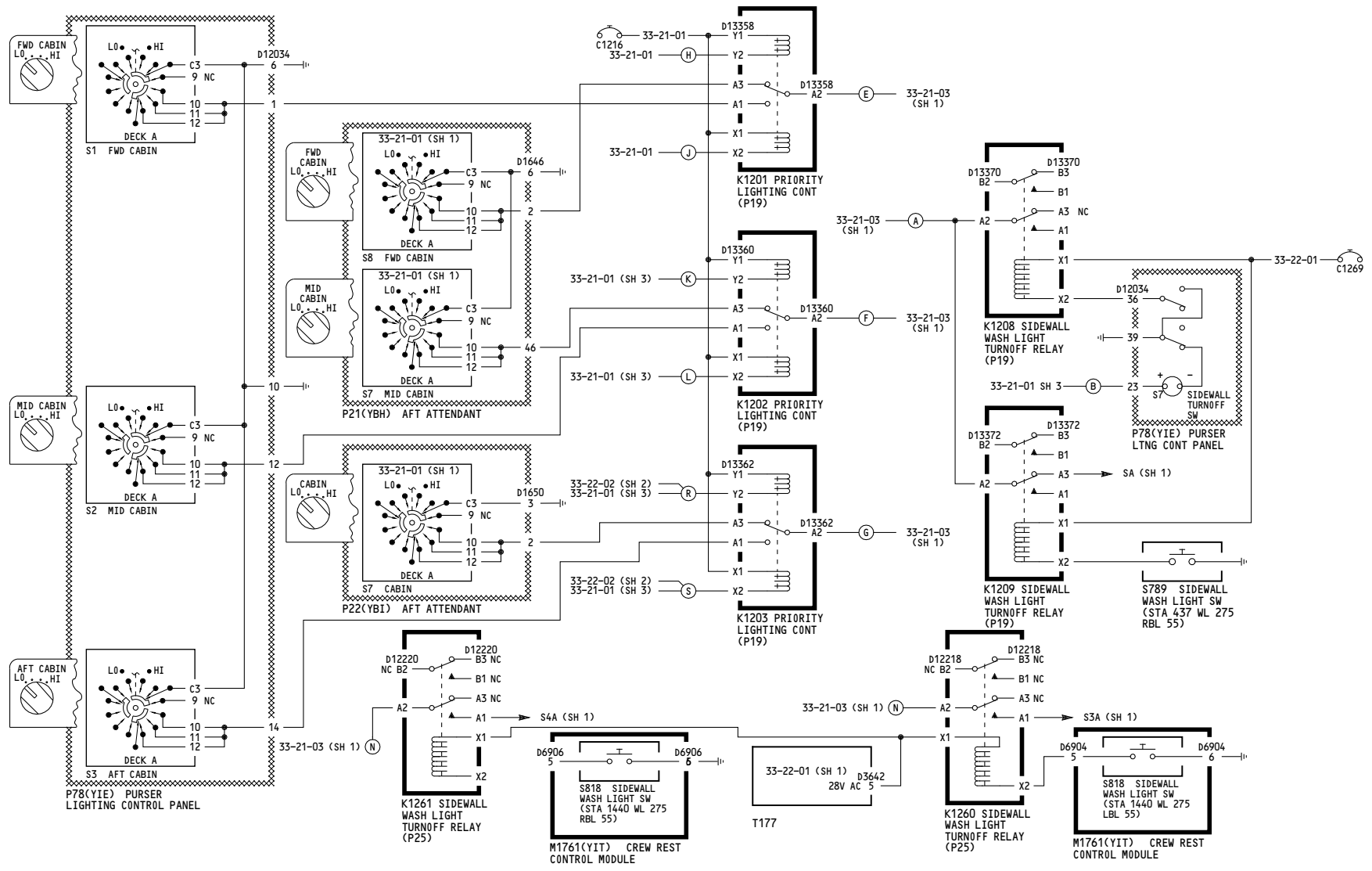
**SIDEWALL LIGHTS**

D280T232

- Incorporates
- ▶ MTO 330342B
  - ▶ MTO 330370

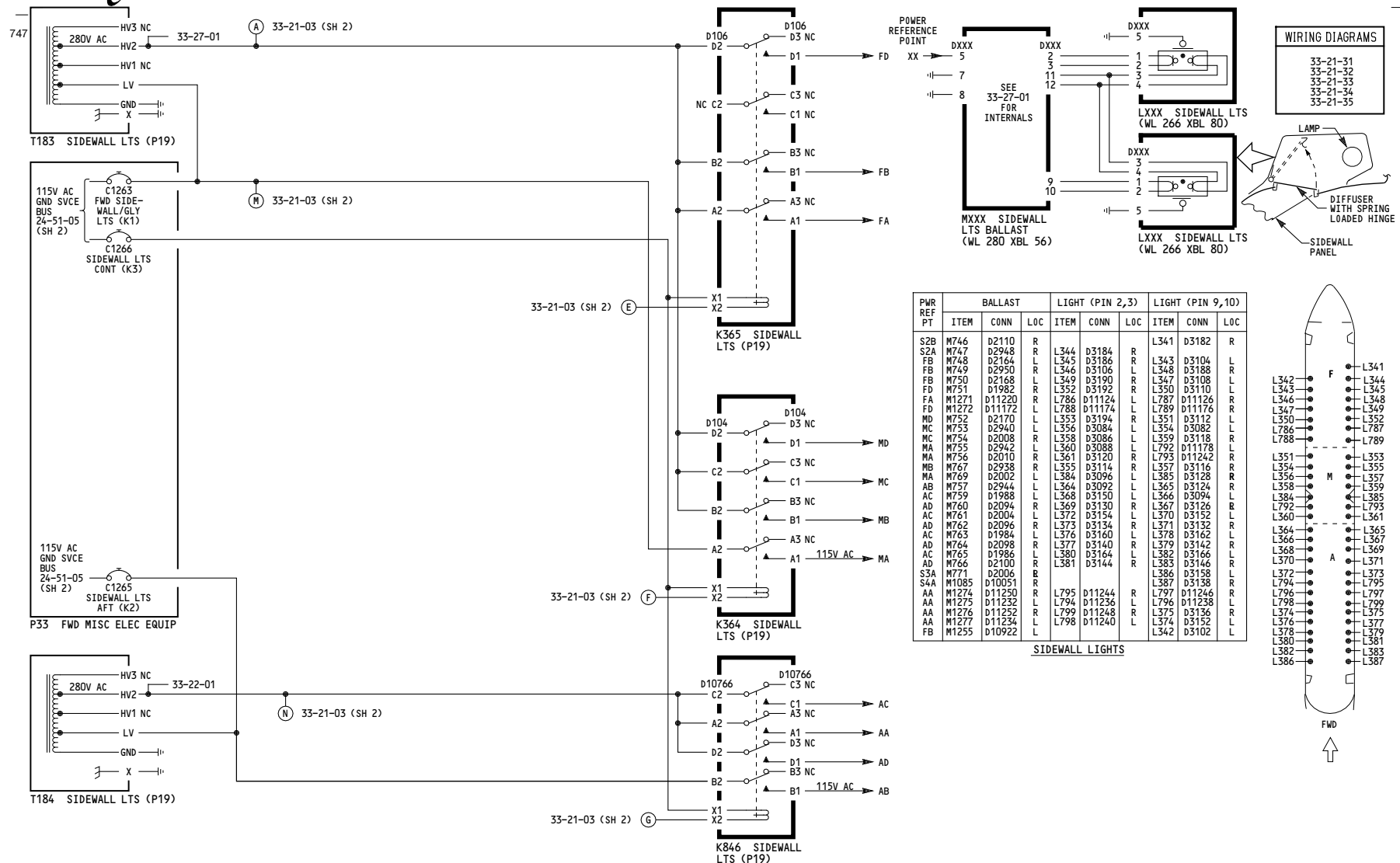
**33-21-03**

679

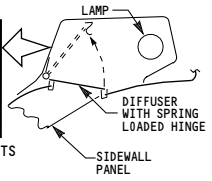
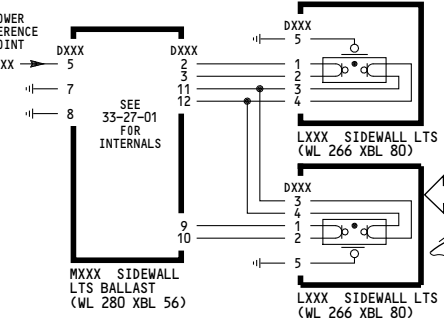


157	<b>SIDEWALL LIGHTS</b>
	<p>Incorporates</p> <ul style="list-style-type: none"> <li>▶ MTO 330342B</li> <li>▶ MTO 330370</li> </ul>
	D280T232

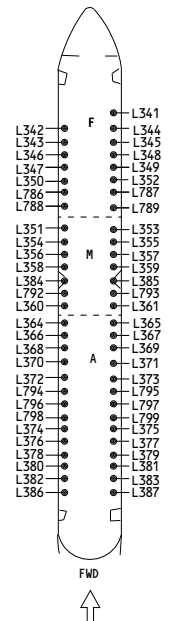
**33-21-03**



**WIRING DIAGRAMS**  
 33-21-31  
 33-21-32  
 33-21-33  
 33-21-34  
 33-21-35



PWR REF PT	BALLAST			LIGHT (PIN 2,3)			LIGHT (PIN 9,10)		
	ITEM	CONN	LOC	ITEM	CONN	LOC	ITEM	CONN	LOC
S2B	M746	D2110	R	L344	D3184	R	L341	D3182	R
S2A	M747	D2948	R	L344	D3186	R	L342	D3182	R
FB	M748	D2164	L	L345	D3186	L	L344	D3104	L
FB	M749	D2950	R	L346	D3106	L	L345	D3188	L
FB	M750	D2168	L	L349	D3190	R	L346	D3108	L
FD	M751	D1982	R	L352	D3192	R	L347	D3110	L
FA	M1271	D11220	R	L786	D11124	L	L786	D11126	R
FD	M1272	D11172	L	L788	D11174	L	L789	D11176	R
MD	M752	D2170	L	L353	D3194	R	L351	D3112	L
MC	M753	D2940	L	L356	D3084	L	L354	D3082	L
MC	M754	D2008	R	L358	D3086	L	L359	D3118	R
MA	M755	D2942	L	L360	D3088	L	L792	D11178	L
MA	M756	D2010	R	L361	D3120	R	L793	D11242	R
MB	M767	D2938	R	L355	D3114	R	L357	D3116	R
MA	M769	D2002	L	L384	D3096	L	L385	D3128	R
AB	M757	D2944	L	L364	D3092	L	L365	D3124	R
AC	M759	D1988	L	L368	D3150	L	L366	D3094	L
AD	M760	D2094	R	L369	D3130	R	L367	D3126	R
AD	M761	D2004	L	L372	D3154	L	L370	D3152	L
AD	M762	D2096	R	L373	D3134	R	L371	D3132	R
AC	M763	D1984	L	L376	D3160	L	L378	D3162	L
AD	M764	D2098	R	L377	D3140	R	L379	D3142	R
AC	M765	D1986	L	L380	D3164	L	L382	D3166	L
AD	M766	D2100	R	L381	D3144	R	L383	D3146	R
S3A	M771	D2006	R	L386	D3158	L	L386	D3158	L
S4A	M1085	D10051	R	L387	D3138	R	L387	D3138	R
AA	M1274	D11250	R	L795	D11244	R	L797	D11246	R
AA	M1275	D11232	L	L794	D11236	L	L796	D11238	L
AA	M1276	D11252	R	L799	D11248	R	L795	D3136	L
AA	M1277	D11234	L	L798	D11240	L	L374	D3152	L
FB	M1255	D10922	L	L342	D3102	L	L342	D3102	L



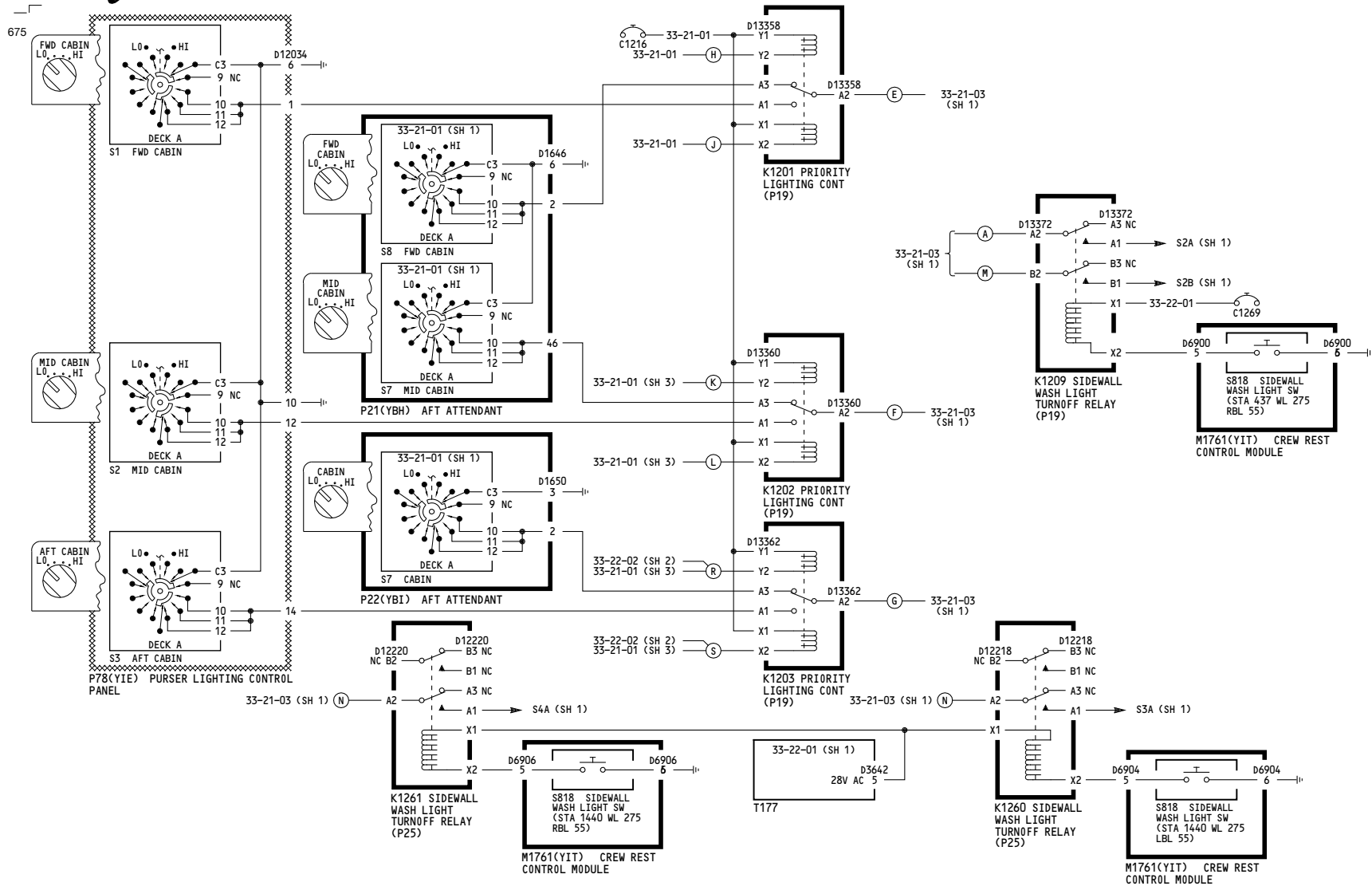
162-163

**SIDEWALL LIGHTS**

D280T232

- Incorporates
- ▶ MTO 330296
  - ▶ MTO 330348

**33-21-03**

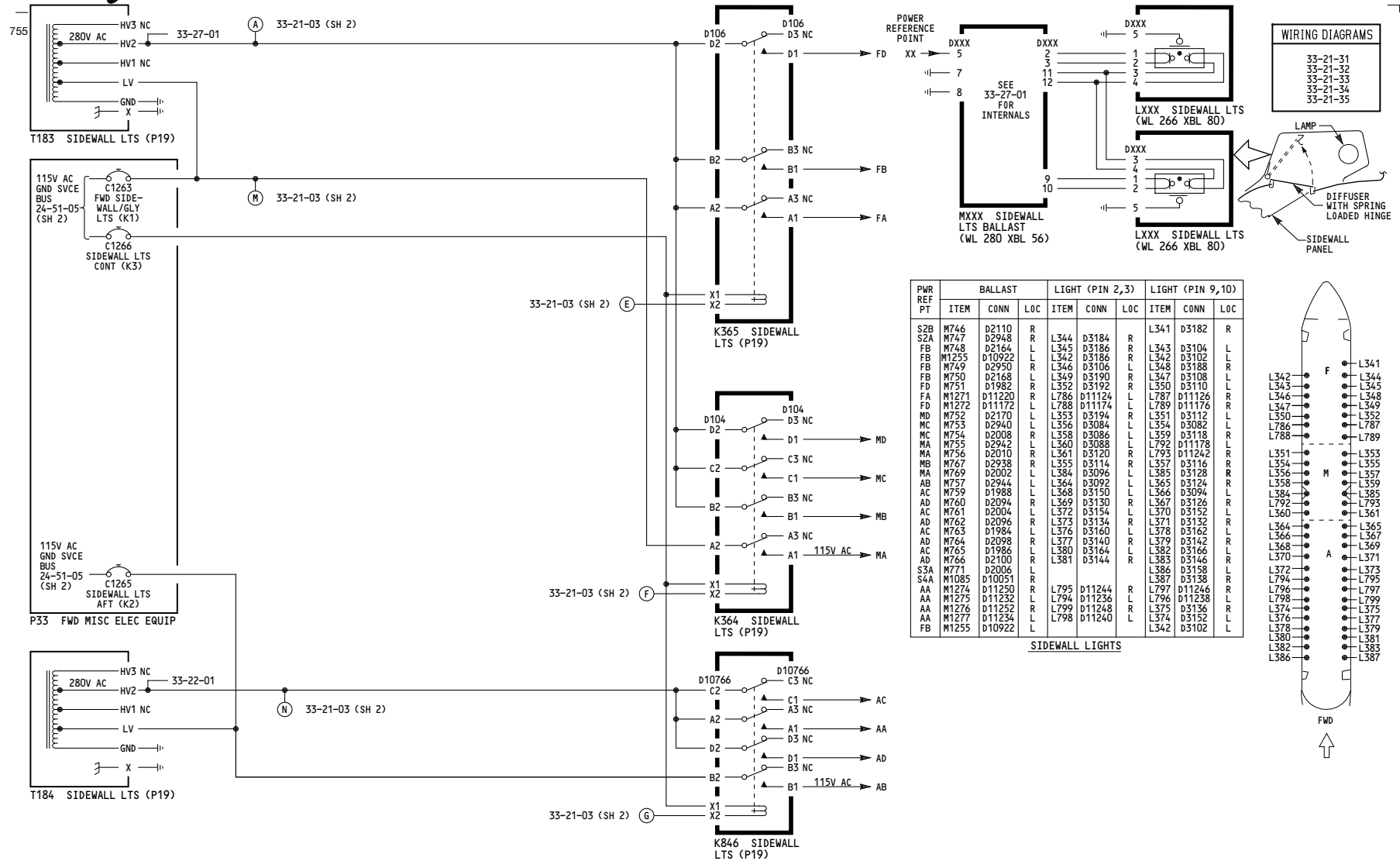


162-163	<p align="center"><b>SIDEWALL LIGHTS</b></p> <p align="center">D280T232</p>
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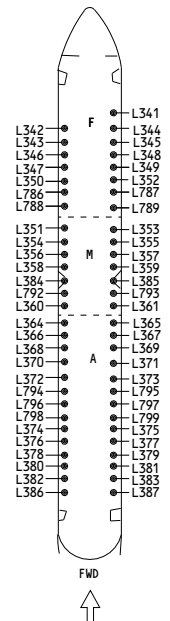
Incorporates  
MTO 330348

**33-21-03**





**WIRING DIAGRAMS**  
 33-21-31  
 33-21-32  
 33-21-33  
 33-21-34  
 33-21-35



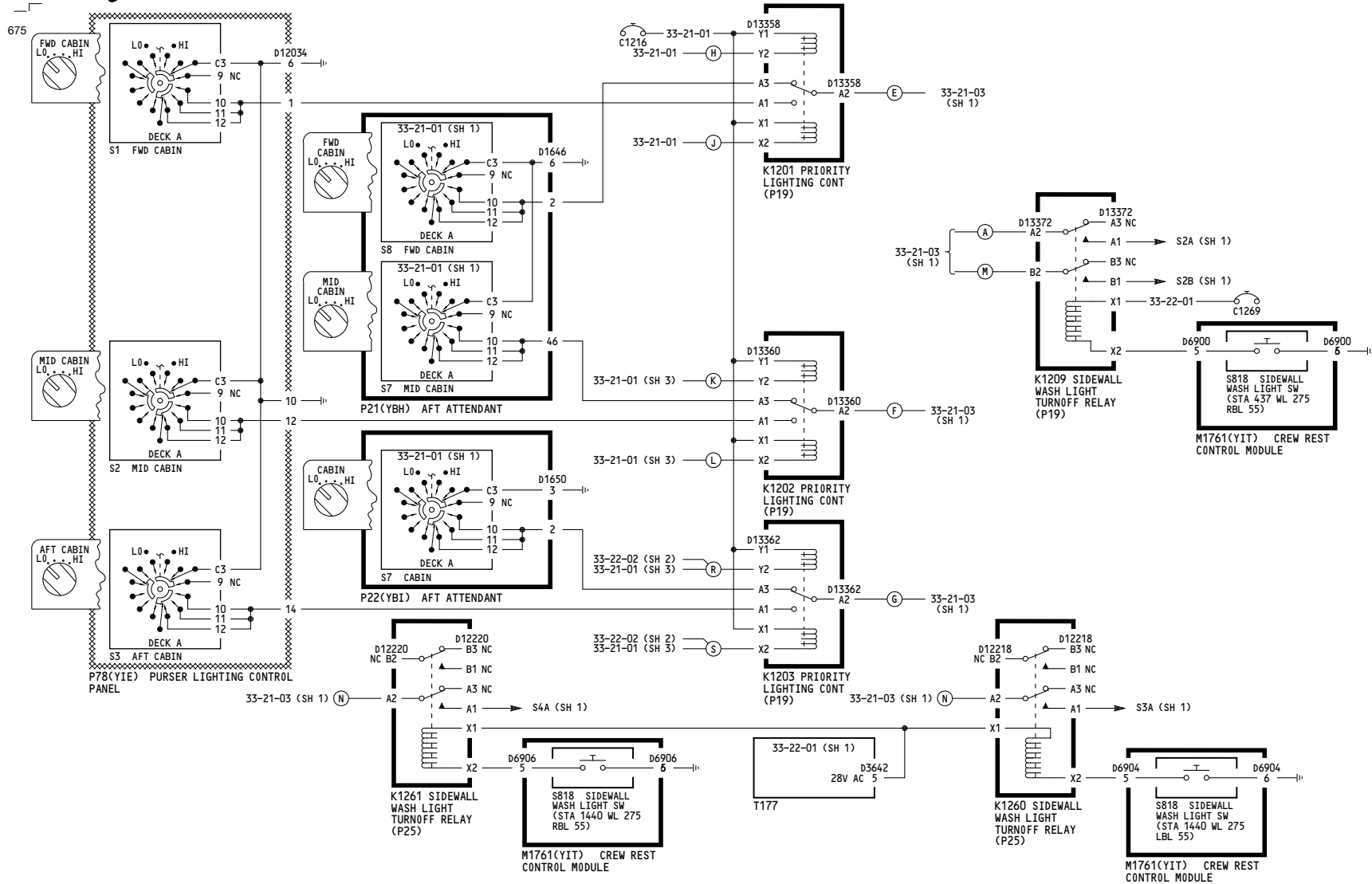
164-167

**SIDEWALL LIGHTS**

Incorporates MTO 330348

D280T232

**33-21-03**



164-167

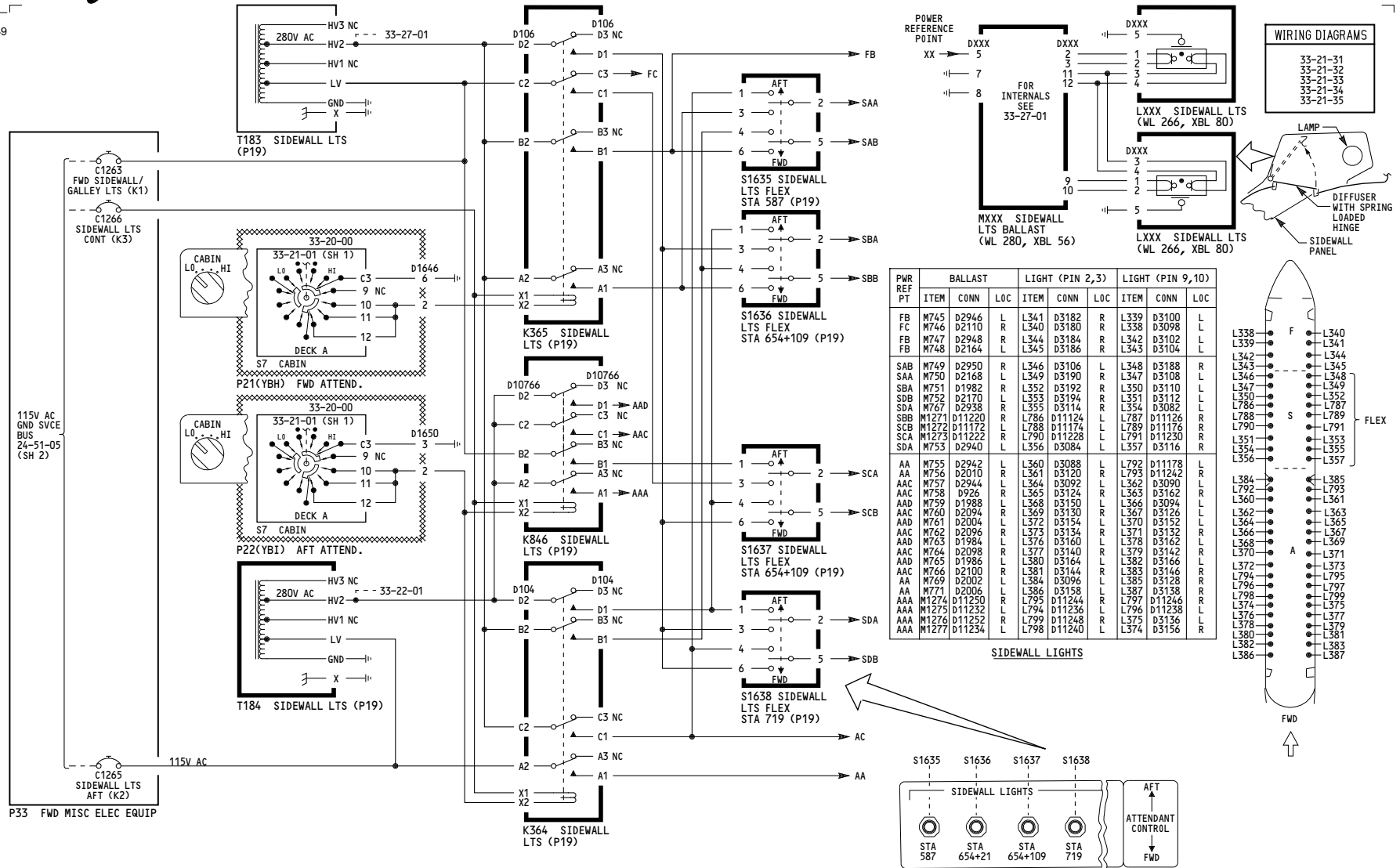
**SIDEWALL LIGHTS**

Incorporates  
MTO 330348

D280T232

**33-21-03**

649



275-278

**SIDEWALL LIGHTS**

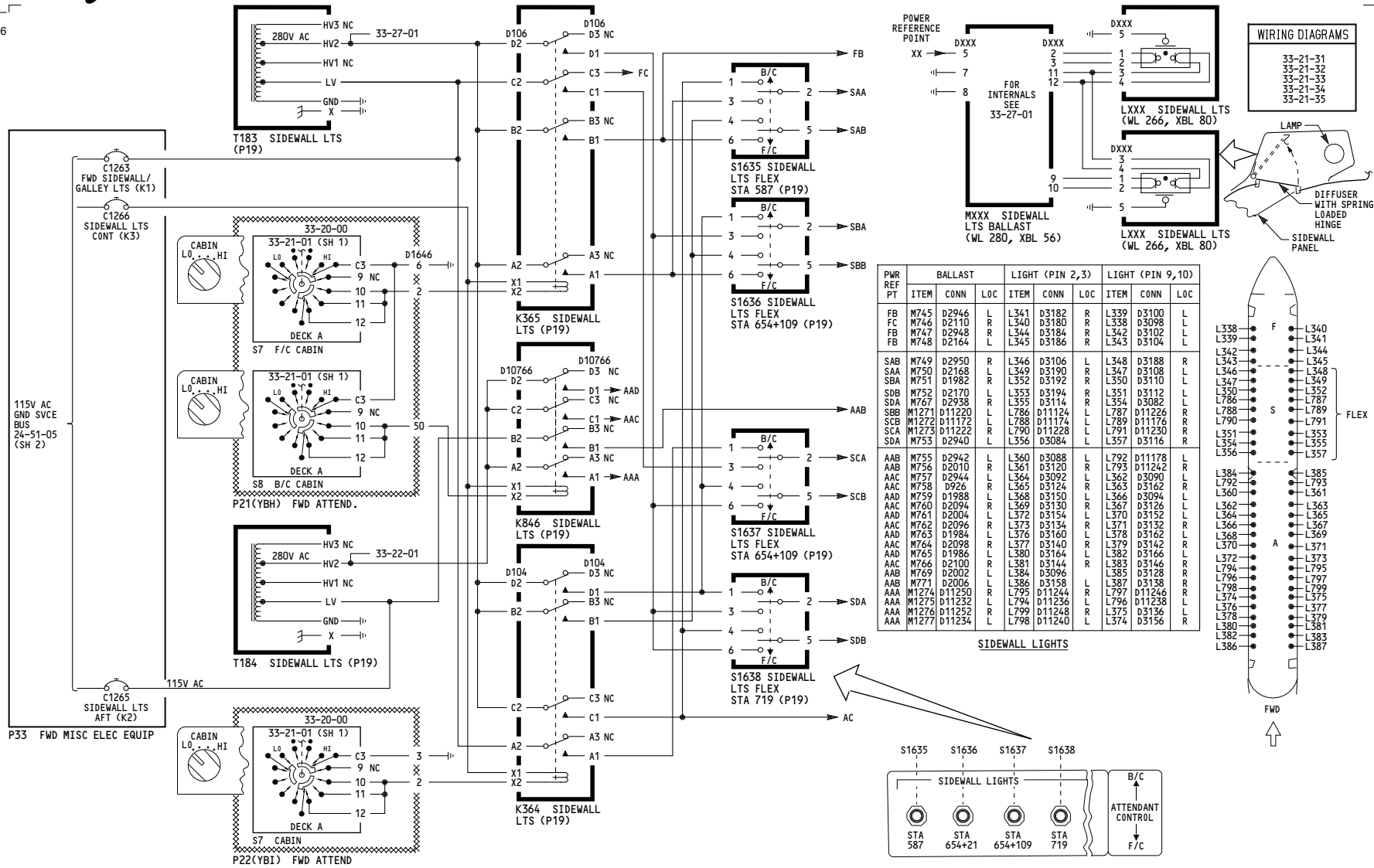
D280T232

**33-21-03**

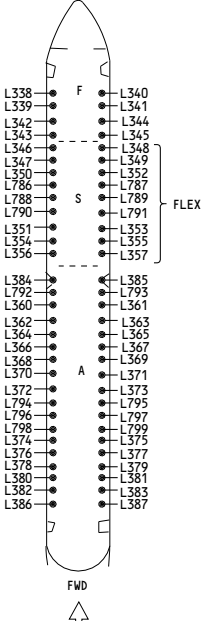
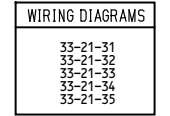
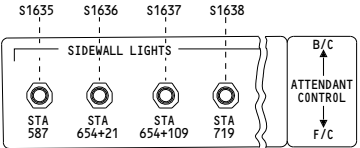
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PWR REF PT	BALLAST			LIGHT (PIN 2,3)			LIGHT (PIN 9,10)		
	ITEM	CONN	LOC	ITEM	CONN	LOC	ITEM	CONN	LOC
FB	M745	D2944	L 1341	D3182	R 1339	D3100	L 1338	D3098	L 1341
FC	M746	D2110	R 1340	D3180	R 1338	D3100	L 1343	D3098	L 1344
FB	M747	D2948	R 1344	D3184	R 1342	D3102	L 1346	D3102	L 1347
FB	M748	D2164	L 1345	D3186	R 1343	D3104	L 1348	D3104	L 1349
SAB	M749	D2950	R 1346	D3106	L 1348	D3188	R 1350	D3112	L 1352
SAA	M750	D2168	L 1349	D3190	R 1347	D3108	L 1350	D3110	L 1352
SBA	M751	D1982	R 1352	D3192	R 1350	D3110	L 1352	D3112	L 1353
SDB	M752	D2170	L 1353	D3194	R 1351	D3112	L 1353	D3114	L 1354
SDA	M767	D2938	R 1355	D3114	R 1354	D3082	L 1356	D3116	L 1357
SBB	M1271	D11220	L 1786	D11124	L 1787	D11226	R 1788	D11176	L 1789
SCB	M1272	D11172	L 1788	D11174	L 1789	D11176	R 1790	D11230	L 1791
SCA	M1273	D11222	R 1790	D11228	L 1791	D11230	R 1351	D3116	L 1352
SDA	M753	D2940	L 1356	D3084	L 1357	D3116	R 1354	D3118	L 1355
AAB	M755	D2942	L 1360	D3088	L 1792	D11178	L 1384	D11242	R 1385
AAB	M756	D2010	L 1361	D3120	R 1793	D11242	L 1792	D3090	L 1361
AAC	M757	D2944	L 1364	D3092	R 1363	D3162	L 1360	D3094	L 1362
AAC	M758	D926	R 1365	D3124	L 1366	D3126	L 1362	D3128	L 1363
AAD	M759	D1988	L 1368	D3150	L 1366	D3094	L 1362	D3126	L 1363
AAC	M760	D2094	R 1369	D3130	L 1367	D3126	L 1362	D3128	L 1363
AAD	M761	D2004	L 1372	D3154	L 1370	D3152	L 1362	D3128	L 1363
AAC	M762	D2096	R 1373	D3134	R 1371	D3132	L 1366	D3134	L 1367
AAD	M763	D1984	L 1376	D3160	L 1378	D3162	L 1368	D3164	L 1369
AAC	M764	D2098	R 1377	D3140	R 1379	D3142	L 1370	D3144	L 1371
AAD	M765	D1986	L 1380	D3164	L 1382	D3166	L 1372	D3168	L 1373
AAC	M766	D2100	R 1381	D3144	R 1383	D3146	L 1374	D3148	L 1375
AAB	M769	D2002	L 1384	D3096	L 1385	D3128	L 1376	D3130	L 1377
AAB	M771	D2006	L 1386	D3158	L 1387	D3158	L 1378	D3160	L 1379
AAA	M1274	D11250	R 1795	D11244	L 1797	D11246	L 1379	D11248	L 1380
AAA	M1275	D11232	L 1794	D11236	L 1796	D11238	L 1379	D11240	L 1380
AAA	M1276	D11252	R 1799	D11248	R 1375	D3136	L 1382	D3138	L 1383
AAA	M1277	D11234	L 1798	D11240	L 1374	D3136	L 1382	D3138	L 1383



280-299

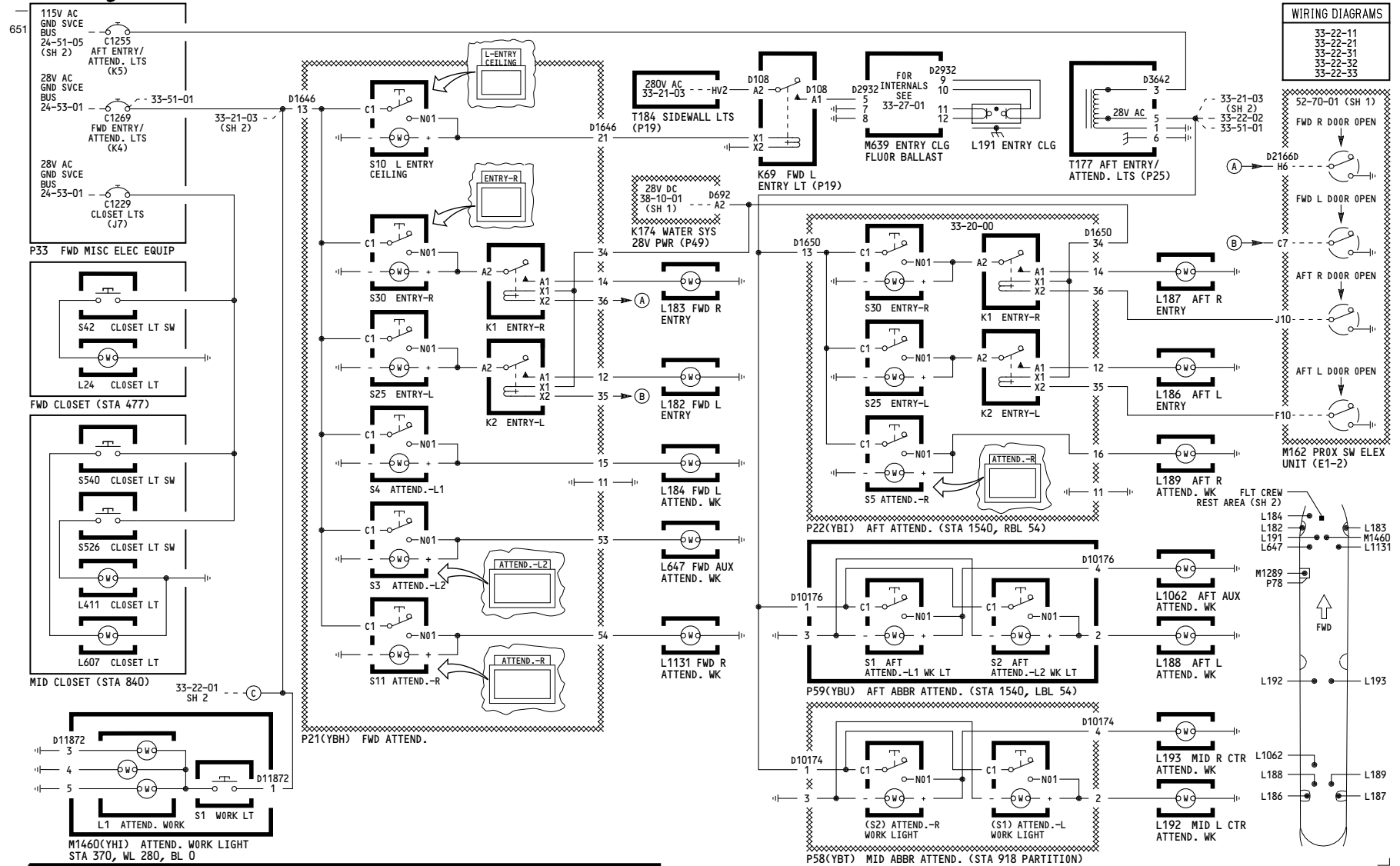
**SIDEWALL LIGHTS**

D280T232

**33-21-03**

Page 108

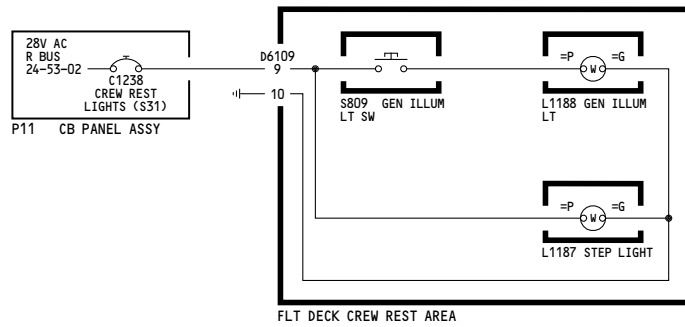
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WIRING DIAGRAMS	
33-22-11	
33-22-21	
33-22-31	
33-22-32	
33-22-33	

**33-22-01**

050-051	<b>ENTRY CLOSET AND WORK LIGHTS</b>
D280T232	

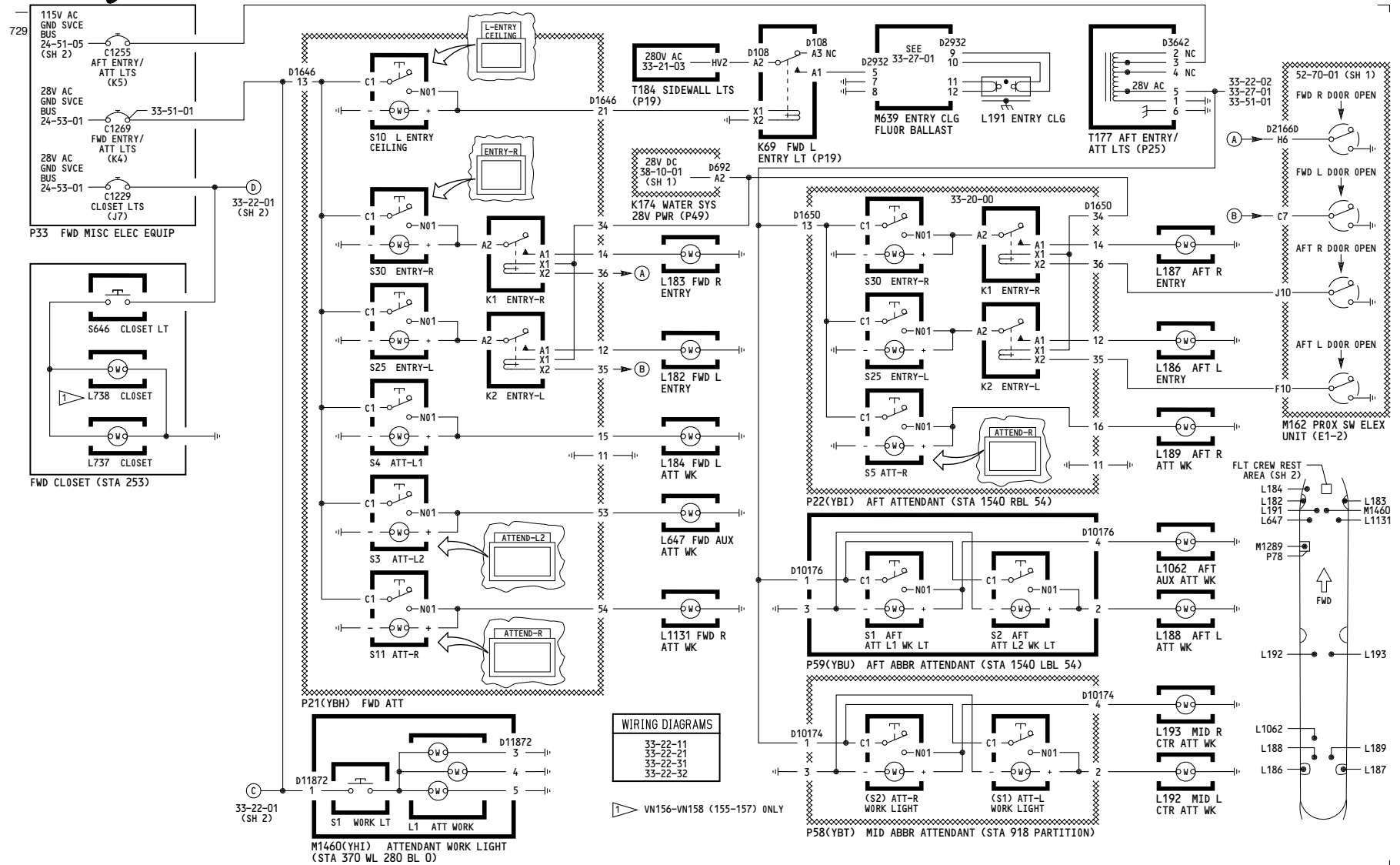


050-051	<p><b>ENTRY CLOSET AND WORK LIGHTS</b></p> <p>D280T232</p>
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- Incorporates
- ▶ MTO 230540
  - ▶ MTO 230541A
  - ▶ MTO 330354

**33-22-01**

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150, 153-157

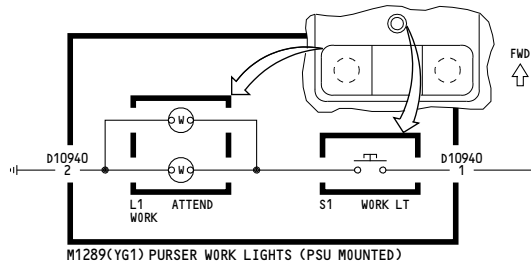
**ENTRY CLOSET AND WORK LIGHTS**

D280T232

Incorporates  
MTO 330342B

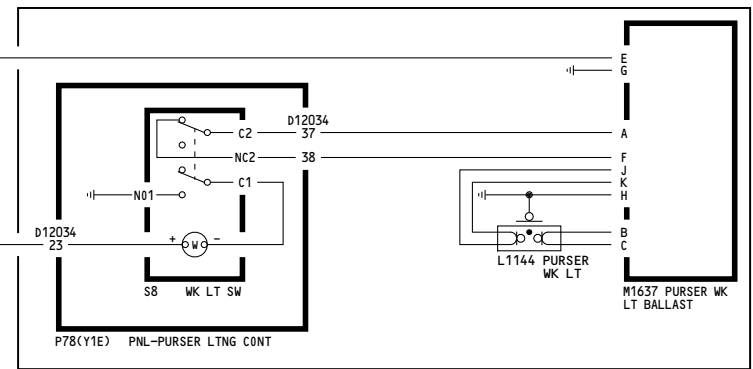
**33-22-01**

708

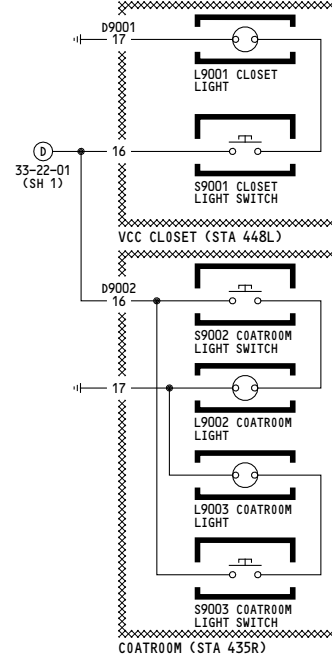


33-22-01 (SH 1)

33-22-02 (SH 1)



VCC/PURSER OFFICE



150, 153-157

**ENTRY CLOSET AND  
WORK LIGHTS**

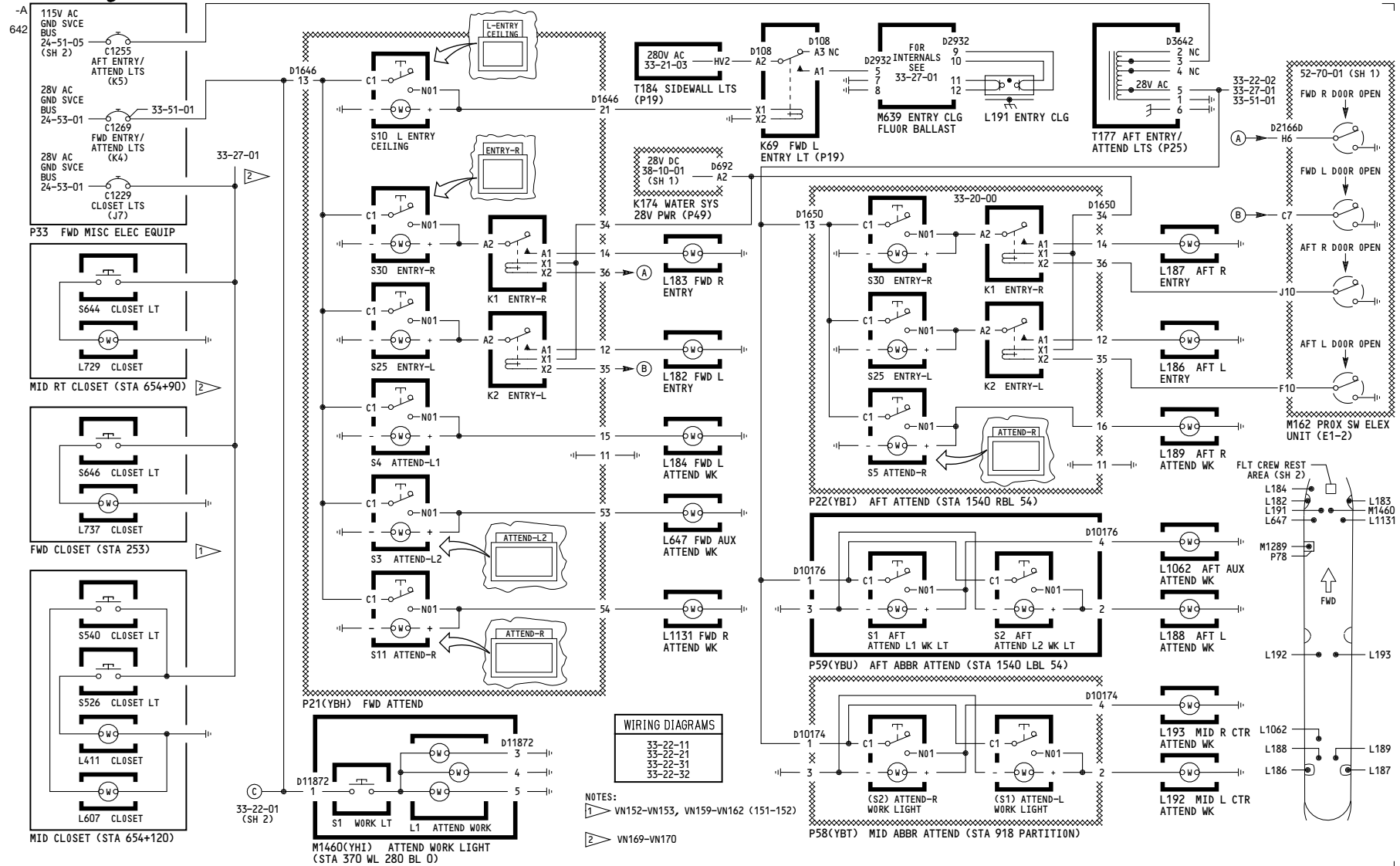
Incorporates  
MTO 330342B

D280T232

**33-22-01**

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Sheet 2  
Jan 21/2005





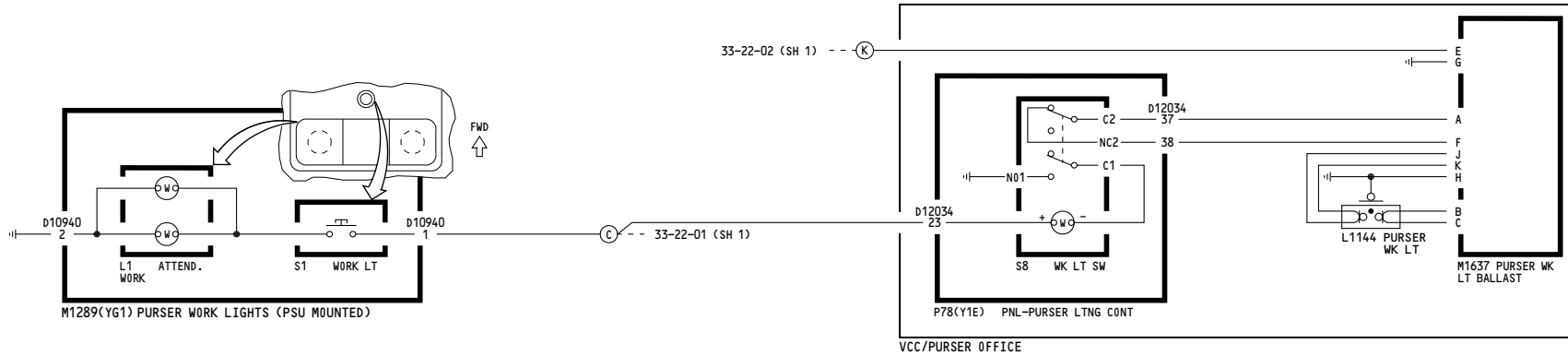
151-152

**ENTRY CLOSET AND WORK LIGHTS**

D280T232

33-22-01

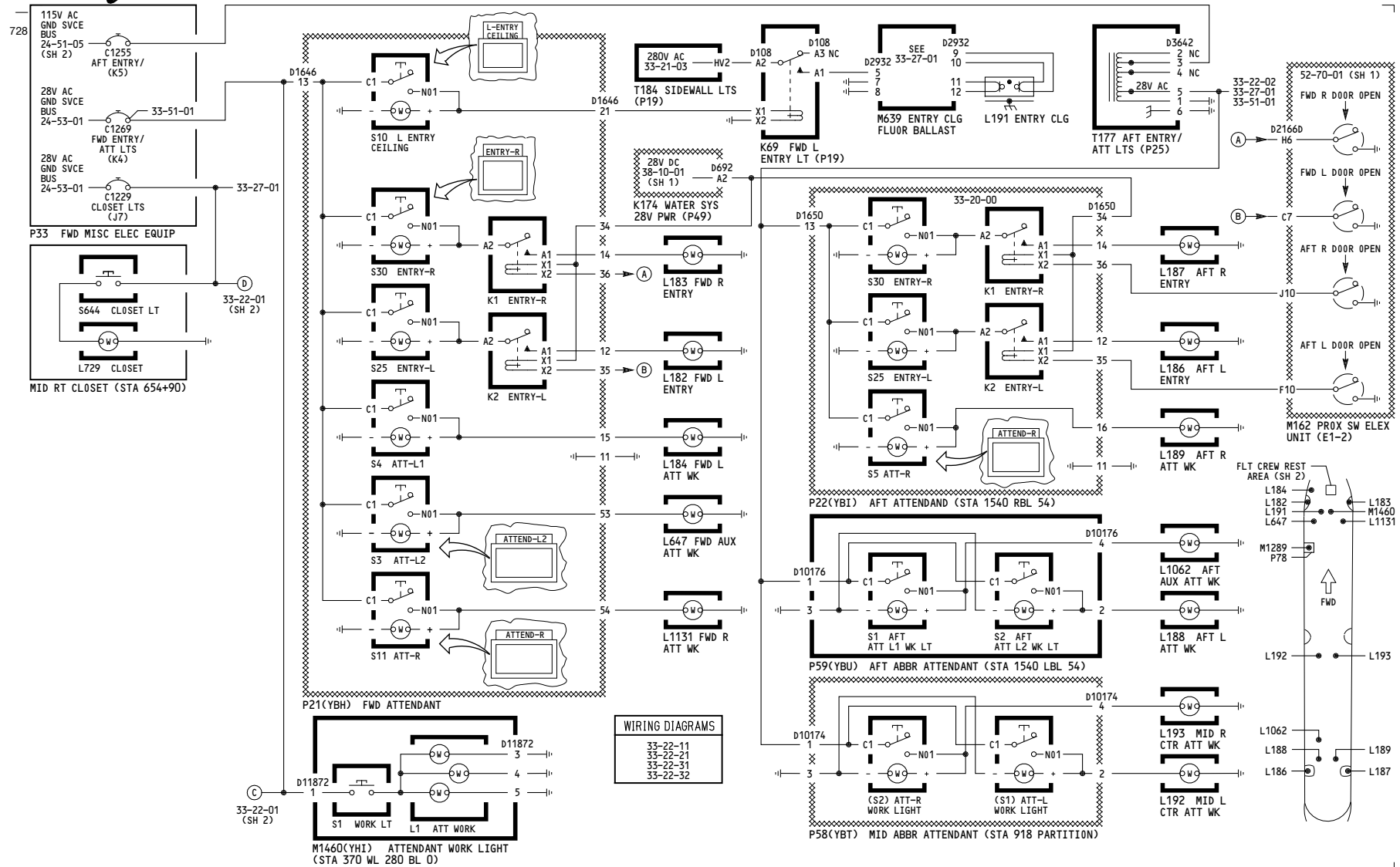
643



151-152	<p><b>ENTRY CLOSET AND WORK LIGHTS</b></p> <p>D280T232</p>
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**33-22-01**

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Sheet 2  
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162-167

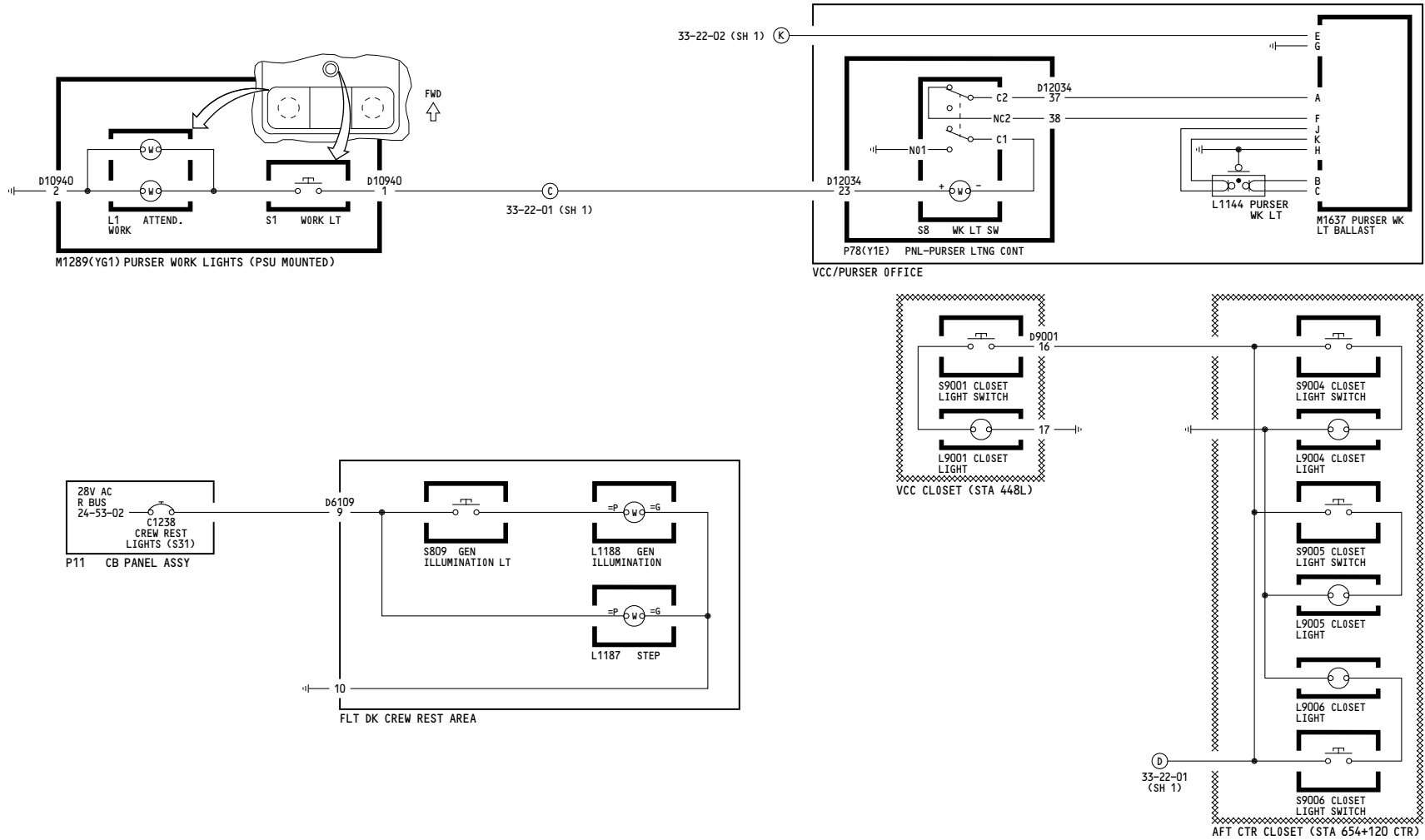
**ENTRY CLOSET AND WORK LIGHTS**

Incorporates MTO 330348

D280T232

**33-22-01**

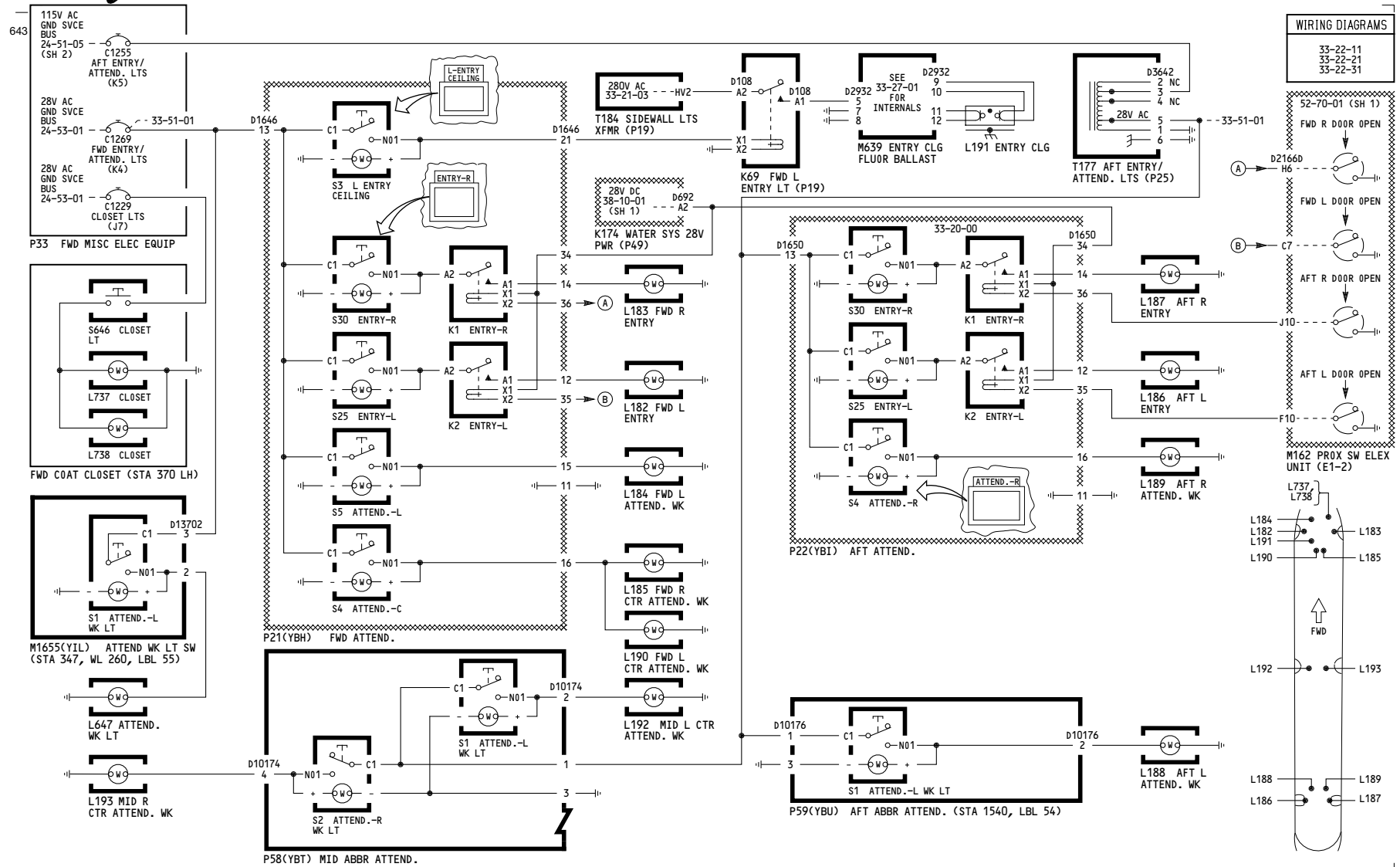
709



162-167	<p><b>ENTRY CLOSET AND WORK LIGHTS</b></p> <p style="text-align: right;">D280T232</p>
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Incorporates MTO 330348

**33-22-01**



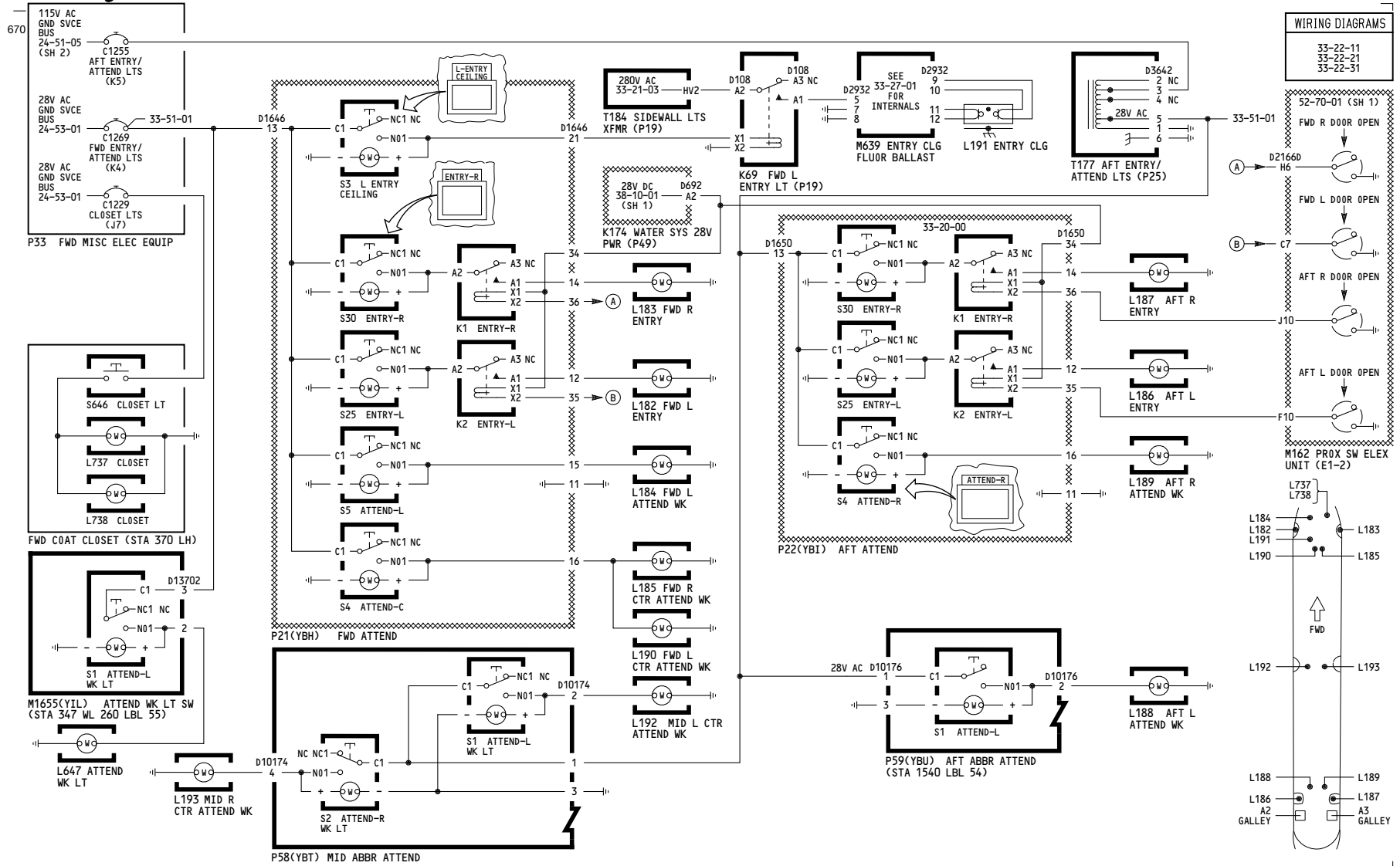
WIRING DIAGRAMS  
33-22-11  
33-22-21  
33-22-31

275-278

**ENTRY CLOSET AND WORK LIGHTS**

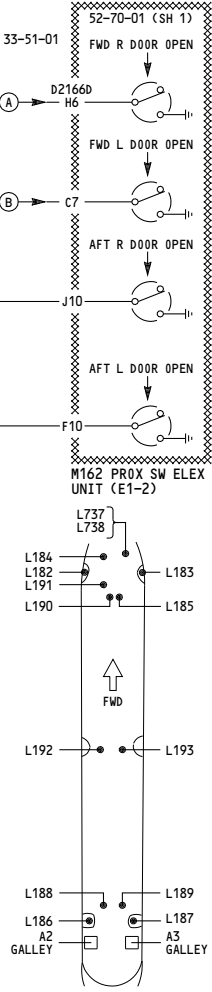
D280T232

**33-22-01**



WIRING DIAGRAMS

33-22-11  
33-22-21  
33-22-31



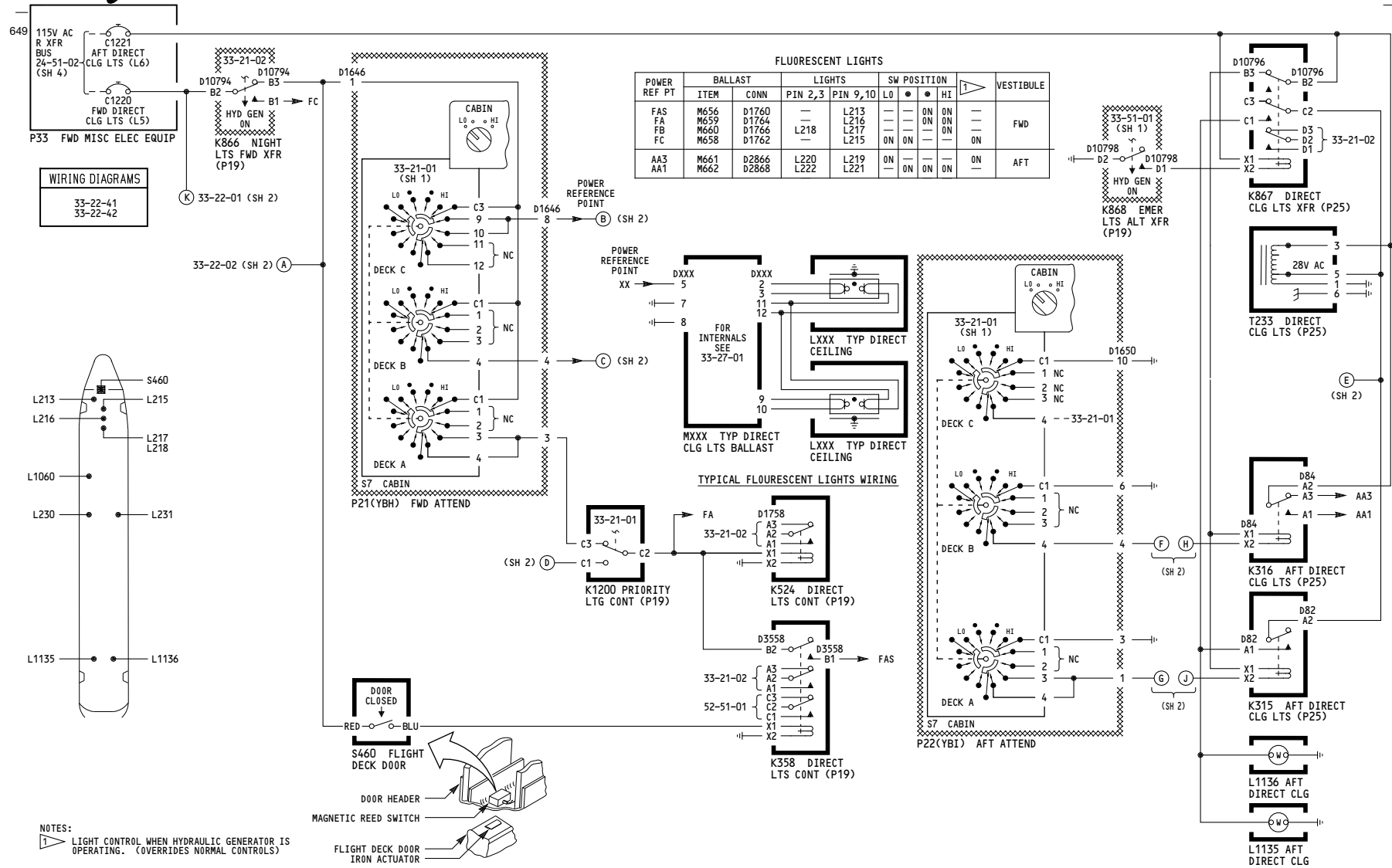
280-299

**ENTRY CLOSET AND  
WORK LIGHTS**

D280T232

**33-22-01**

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Jan 21/2005



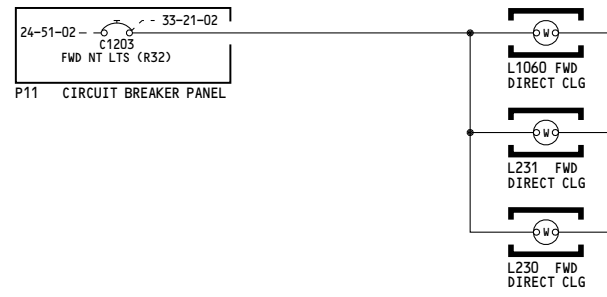
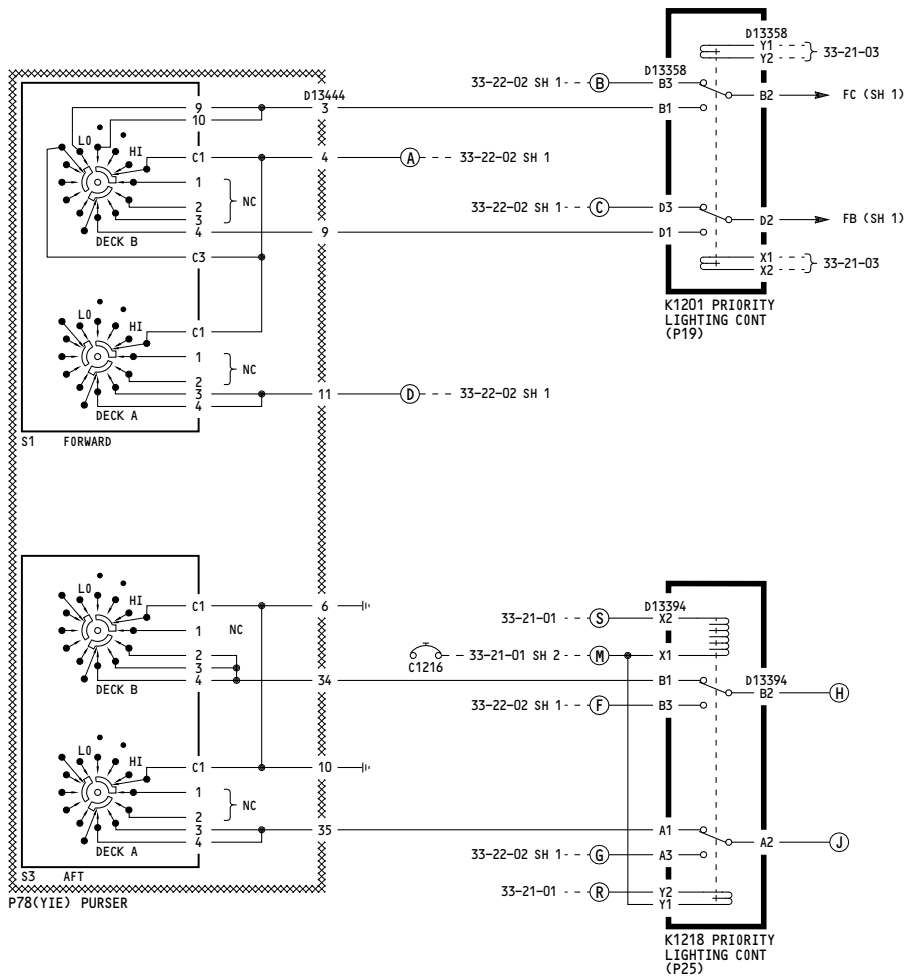
050-099

**DIRECT CEILING LIGHTS**

D280T232

**33-22-02**

650

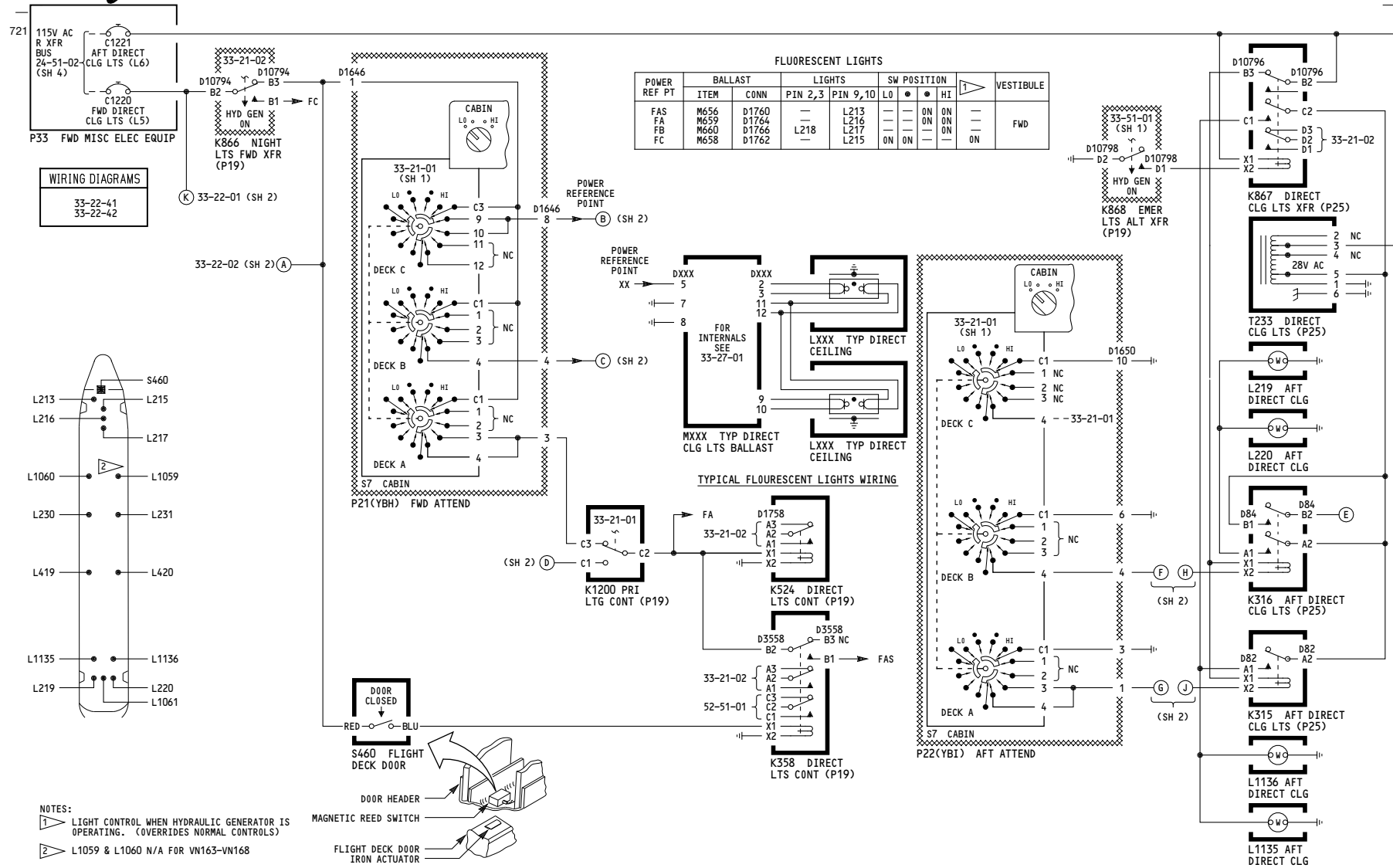


050-099	<p align="center"><b>DIRECT CEILING LIGHTS</b></p> <p align="center">D280T232</p>
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**33-22-02**

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Sheet 2  
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150, 152-167

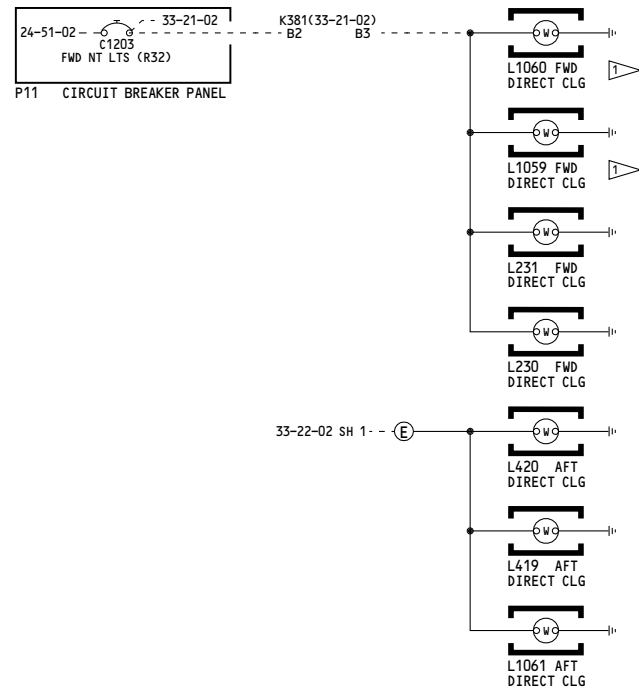
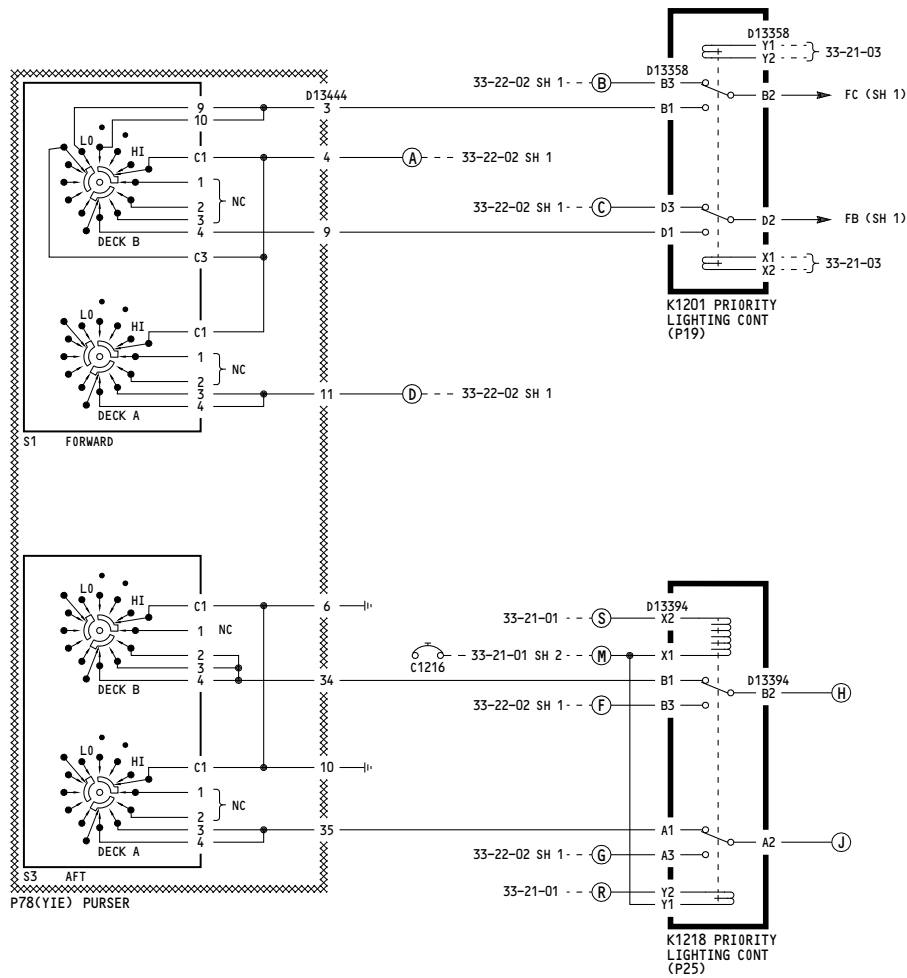
**DIRECT CEILING LIGHTS**

Incorporates  
 MTO 330370

D280T232

**33-22-02**

691

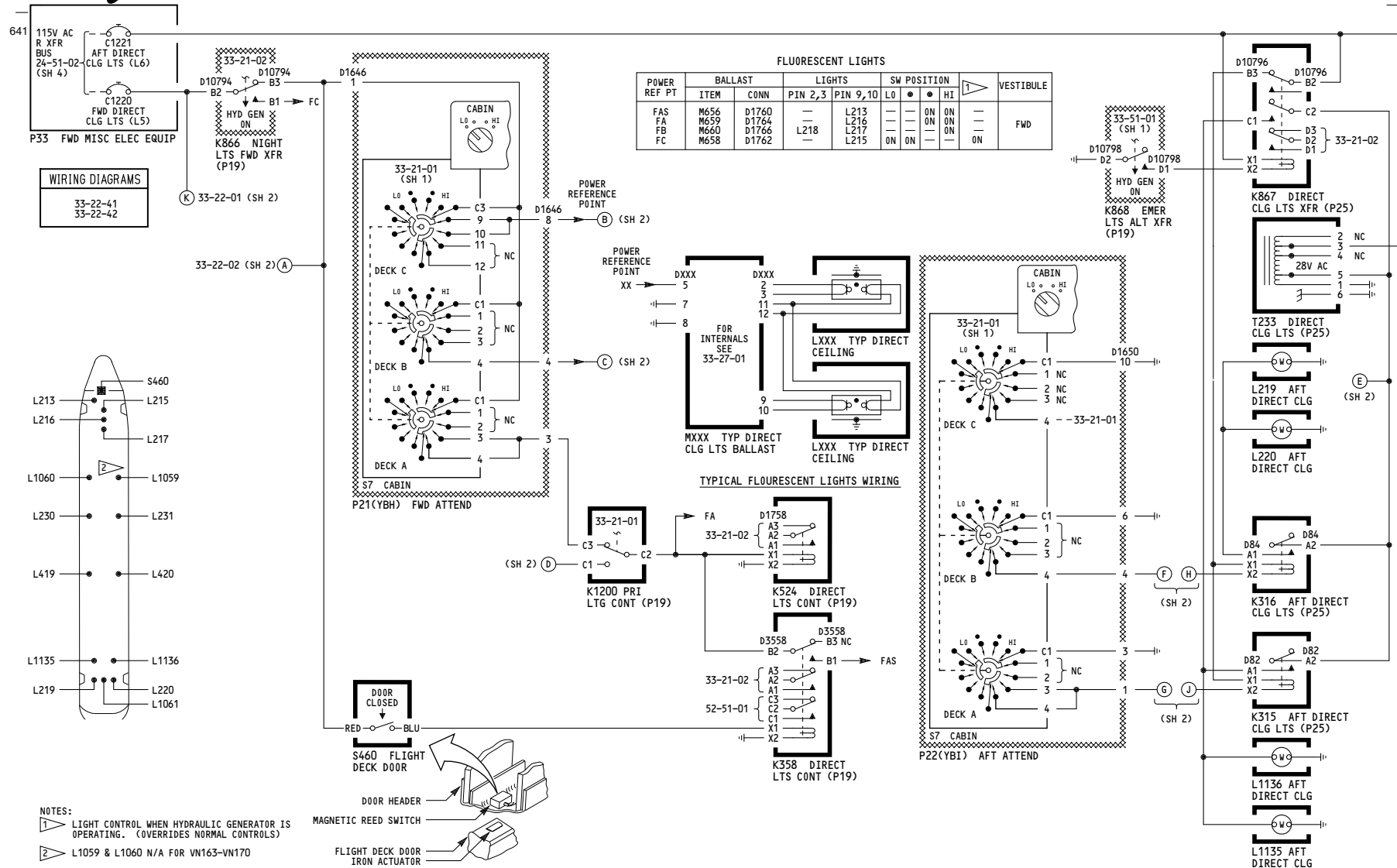


1 L1059 & L1060 N/A FOR VN163-VN168

150, 152-167	<b>DIRECT CEILING LIGHTS</b>
	D280T232

**Incorporates**  
MTO 330370

**33-22-02**



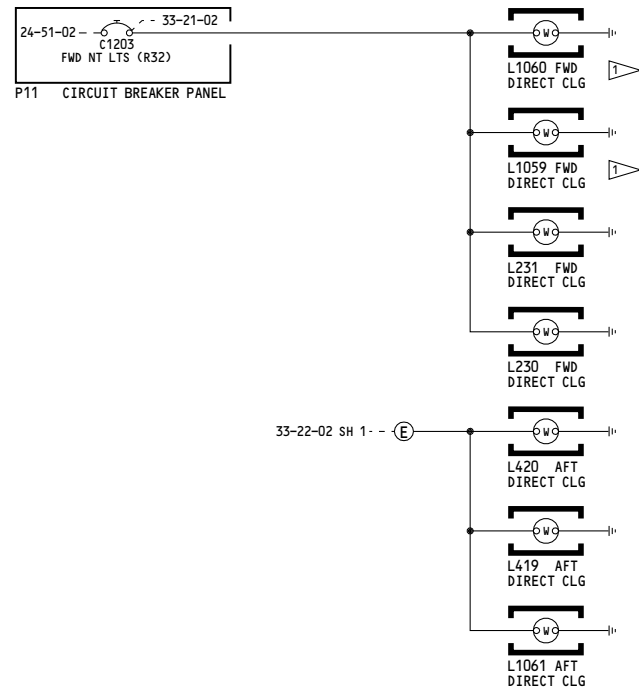
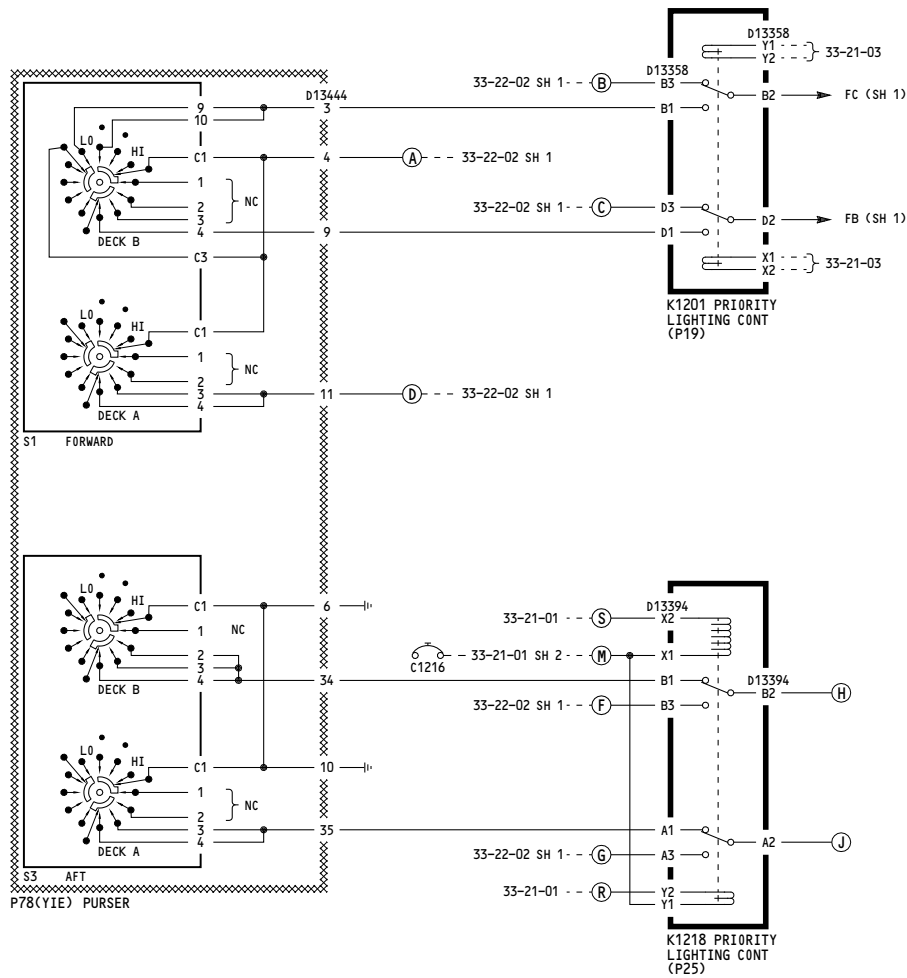
151

**DIRECT CEILING LIGHTS**

D280T232

**33-22-02**

642

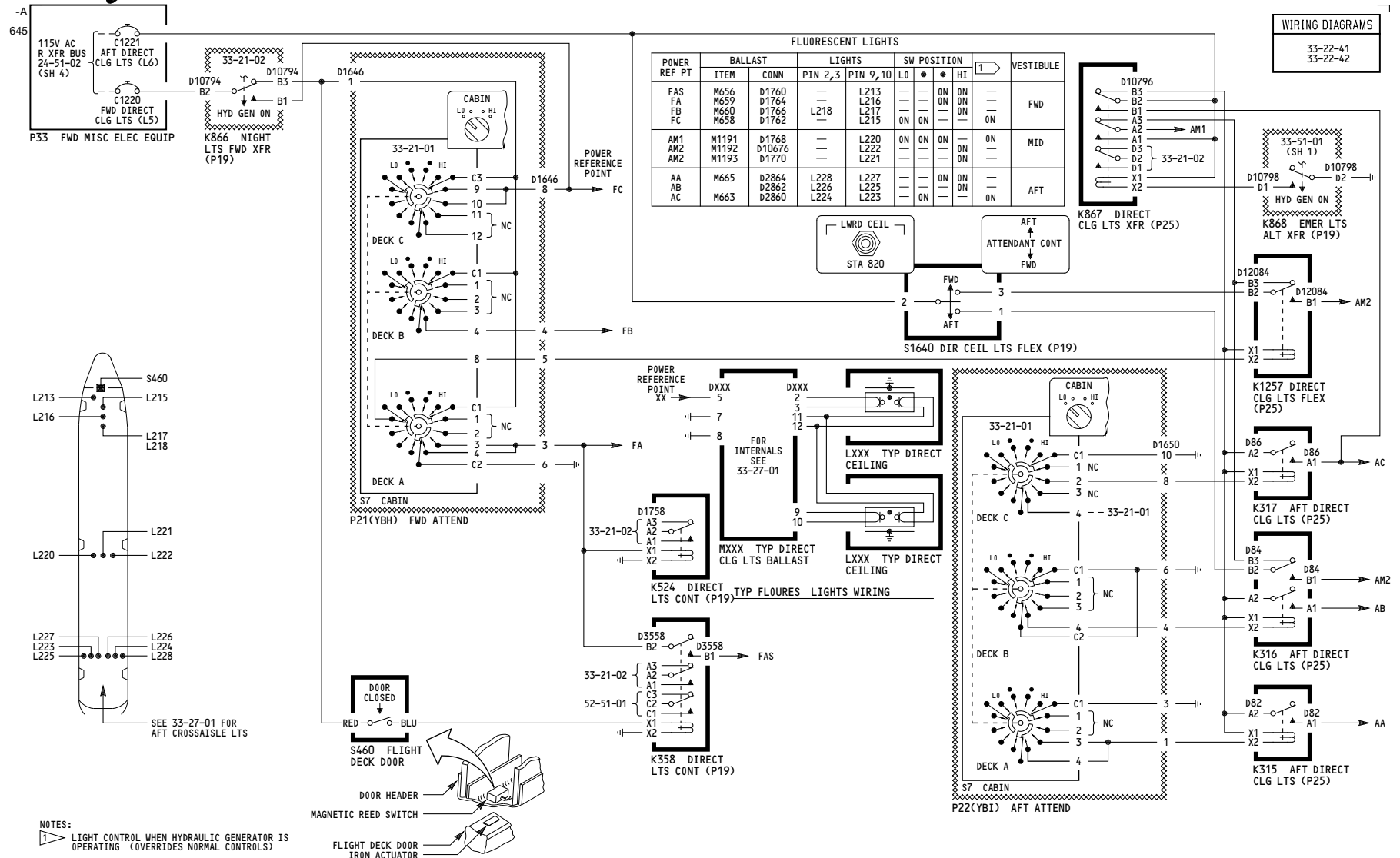


1 L1059 & L1060 N/A FOR VN163-VN170

151	<p><b>DIRECT CEILING LIGHTS</b></p>   <p>D280T232</p>
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**33-22-02**

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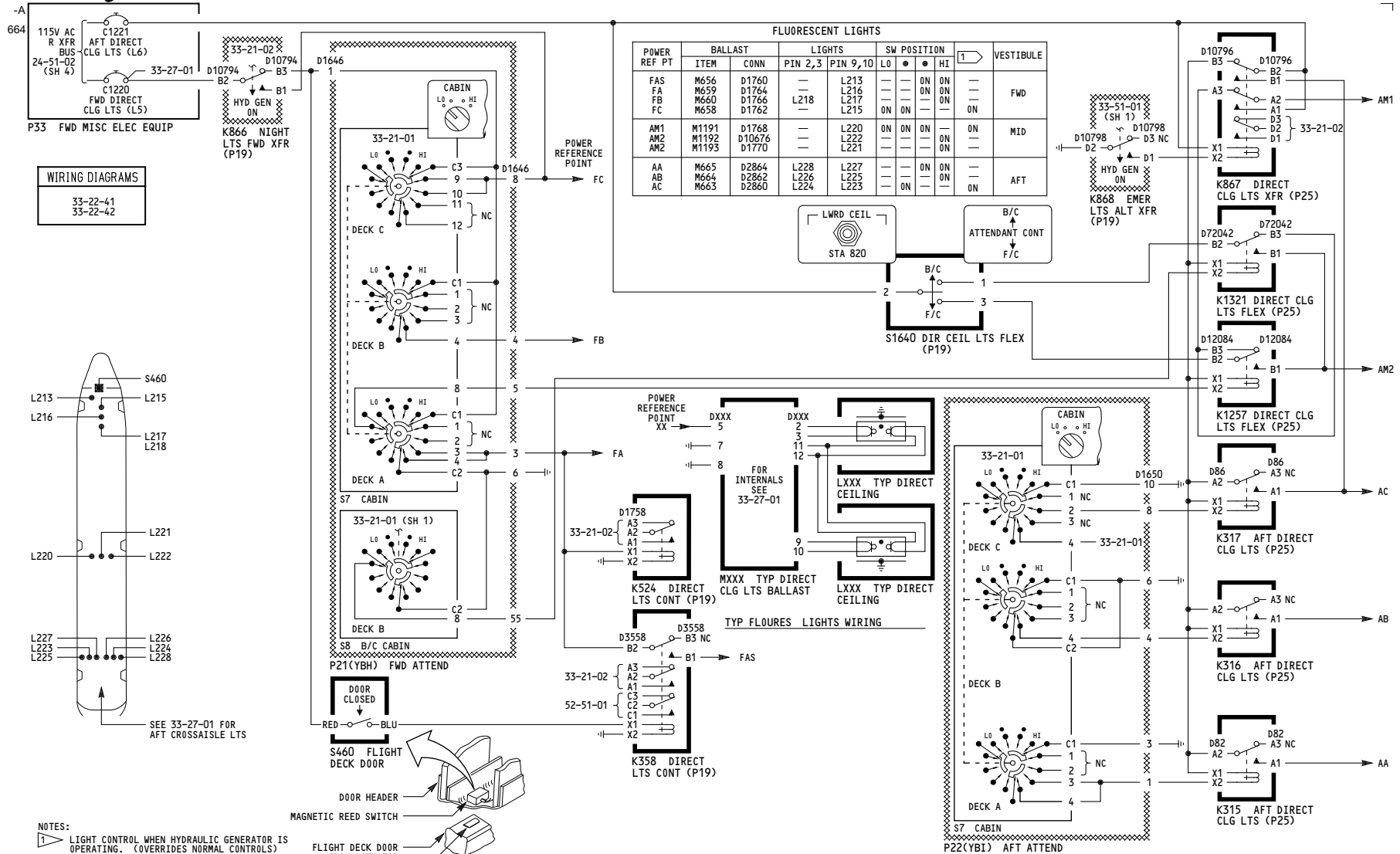


275-278

**DIRECT CEILING LIGHTS**

D280T232

**33-22-02**



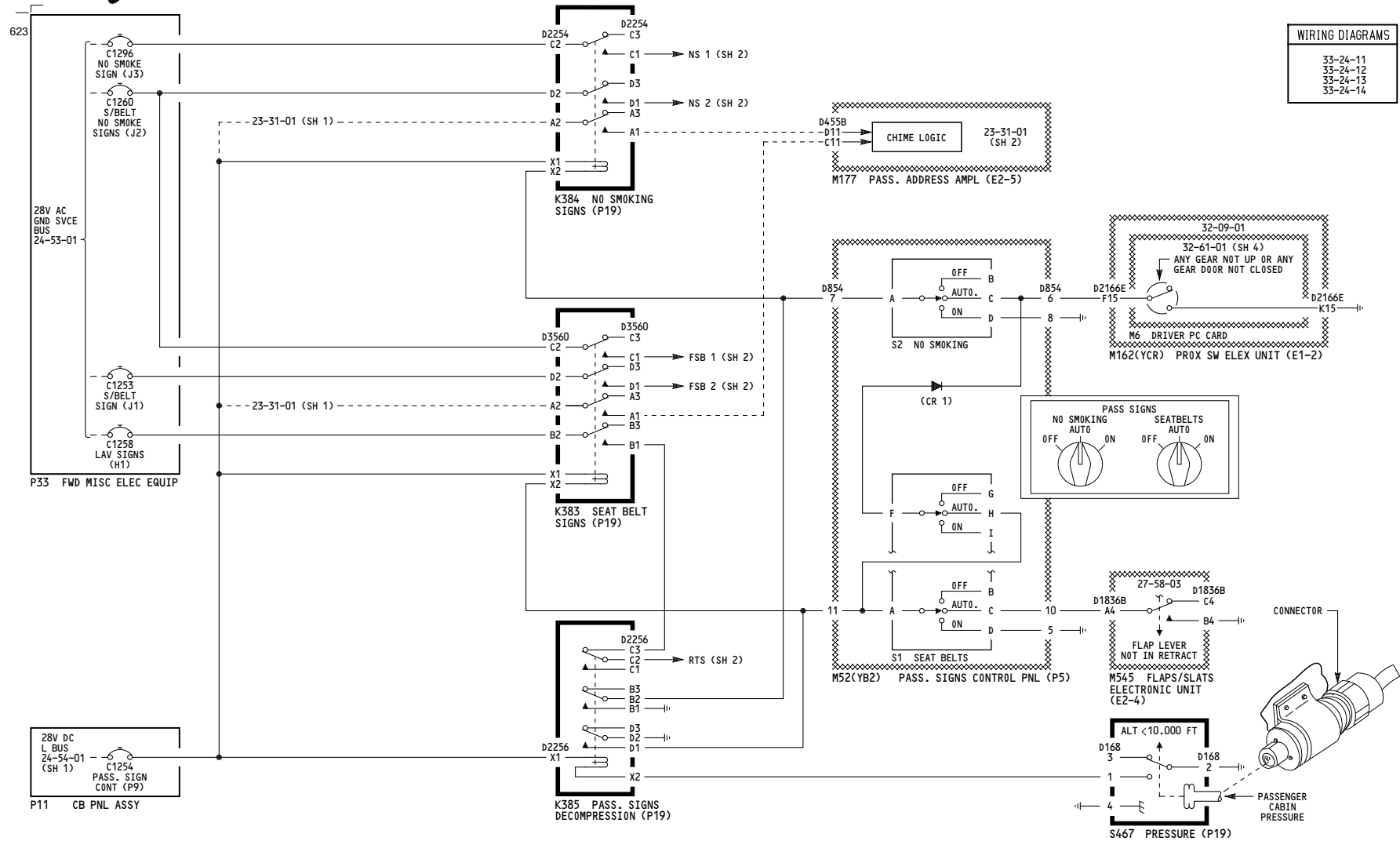
280-299

**DIRECT CEILING LIGHTS**

D280T232

**33-22-02**

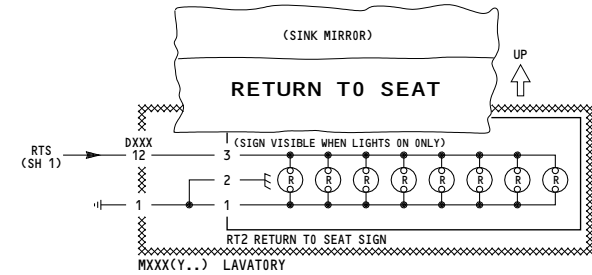
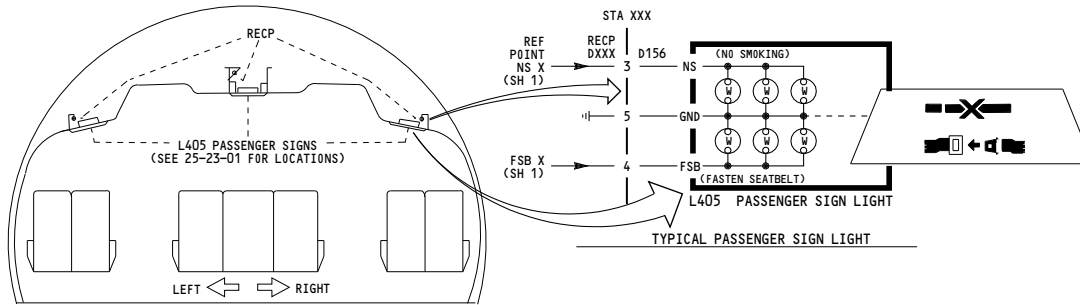
WIRING DIAGRAMS	
33-24-11	
33-24-12	
33-24-13	
33-24-14	



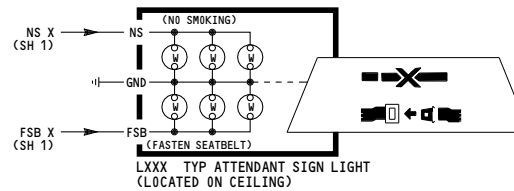
050-099	<b>PASSENGER SIGNS</b>
D280T232	

**33-24-01**

654

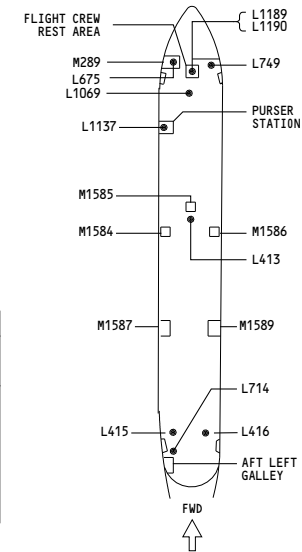


PASSENGER SIGNS - RECP LOCATIONS											
LEFT			CENTER			RIGHT					
REF POINT	CONN	STA	REF POINT	CONN	STA	REF POINT	CONN	STA			
PIN 3	PIN 4	LOC	PIN 3	PIN 4	LOC	PIN 3	PIN 4	LOC			
NS 1	FSB 2	D3208	449	NS 2	FSB 1	D2424	372	NS 1	FSB 2	D3306	434
		D3210	463			D3260	401			D3308	463
		D3212	493			D3262	430			D3310	493
						D3264	459				
						D3266	488				
						D3268	504				
		D3214	522			D3270	533			D3312	522
		D3216	551			D3272	562			D3314	551
		D3218	581			D3274	591			D3316	581
		D3220	610			D3276	620			D3318	610
		D3222	639			D3278	636			D3320	639
		D3224	669			D3280	659			D3322	669
		D3226	682			D3282	690			D3324	682
		D3228	712			D2052	716			D3326	712
		D3230	742			D2054	743			D3328	682
						D10492	870				
		D3238	875							D3330	797
		D3240	893							D3336	875
		D3242	926			D3286	893			D3338	893
		D3244	940			D3288	917			D3340	923
		D3246	983			D3290	948			D3346	1013
		D3248	1013			D3292	974			D3416	1101
		D3348	1043			D3294	1009			D3418	1131
		D3350	1071			D3296	1025			D3420	1159
		D3354	1131			D3298	1054				
		D3356	1159			D3300	1083				
						D3302	1112				
						D3378	1141				
						D3380	1157				
						D3382	1186				
						D3384	1215				
		D3358	1189			D3386	1237			D3342	940
		D3352	1097			D3388	1264			D3344	970
		D3354	1116			D3390	1289			D3346	999
		D3360	1204			D3392	1318			D3422	1189
		D3362	1234			D3394	1347			D3424	1204
		D3364	1263			D3396	1376			D3426	1234
		D3366	1292			D3398	1405			D3430	1292
		D3368	1322			D3400	1421			D3432	1322
		D3370	1351			D3402	1450			D3434	1351
		D3372	1387			D3404	1479			D3436	1387
		D3374	1406							D3438	1406
		D3376	1436							D3440	1436
		D12020	1451							D12022	1451



ATTENDANT SIGNS					
REF POINT		SIGN	NOMENCLATURE	STA LOC	LOC ON
NS	FSB				
NS2	FSB1	L675	FWD ATTENDANT SIGN	284 L	M289 LAV
NS1	FSB2	L413	MID ATTENDANT SIGN	800 CTR	M1585 LAV
NS1	FSB2	L1137	L FWD ATTENDANT SIGN	447 L	CEILING
NS1	FSB2	L415	AFT L ATTENDANT SIGN	1471 L	CEILING
NS1	FSB2	L416	AFT R ATTENDANT SIGN	1471 R	CEILING
NS1	FSB2	L714	AFT ATTEND. SIGN	1540 L	GALLEY
NS2	FSB1	L1069	FWD ATTEND. SIGN	395 CTR	CURTAIN
NS1	FSB2	L1189	FLT CREW REST AREA ATTEND. SIGN	261 CTR	CREW AREA
NS1	FSB2	L749	FWD ATTEND. SIGN	284 R	GALLEY

LAVATORY SIGNS		
CONN	LAVATORY	NOMENCLATURE
D808	M289(YCC)	LAV FWD F1
D810	M1584(YHY)	LAV(MS-LF)
D10568	M1585(YHZ)	LAV(MC-F)
D812	M1586(YIA)	LAV(MS-RF)
D13414	M1587(YIB)	LAV(MS-LF)
D10570	M1589(YID)	LAV(MS-RA)



050-099

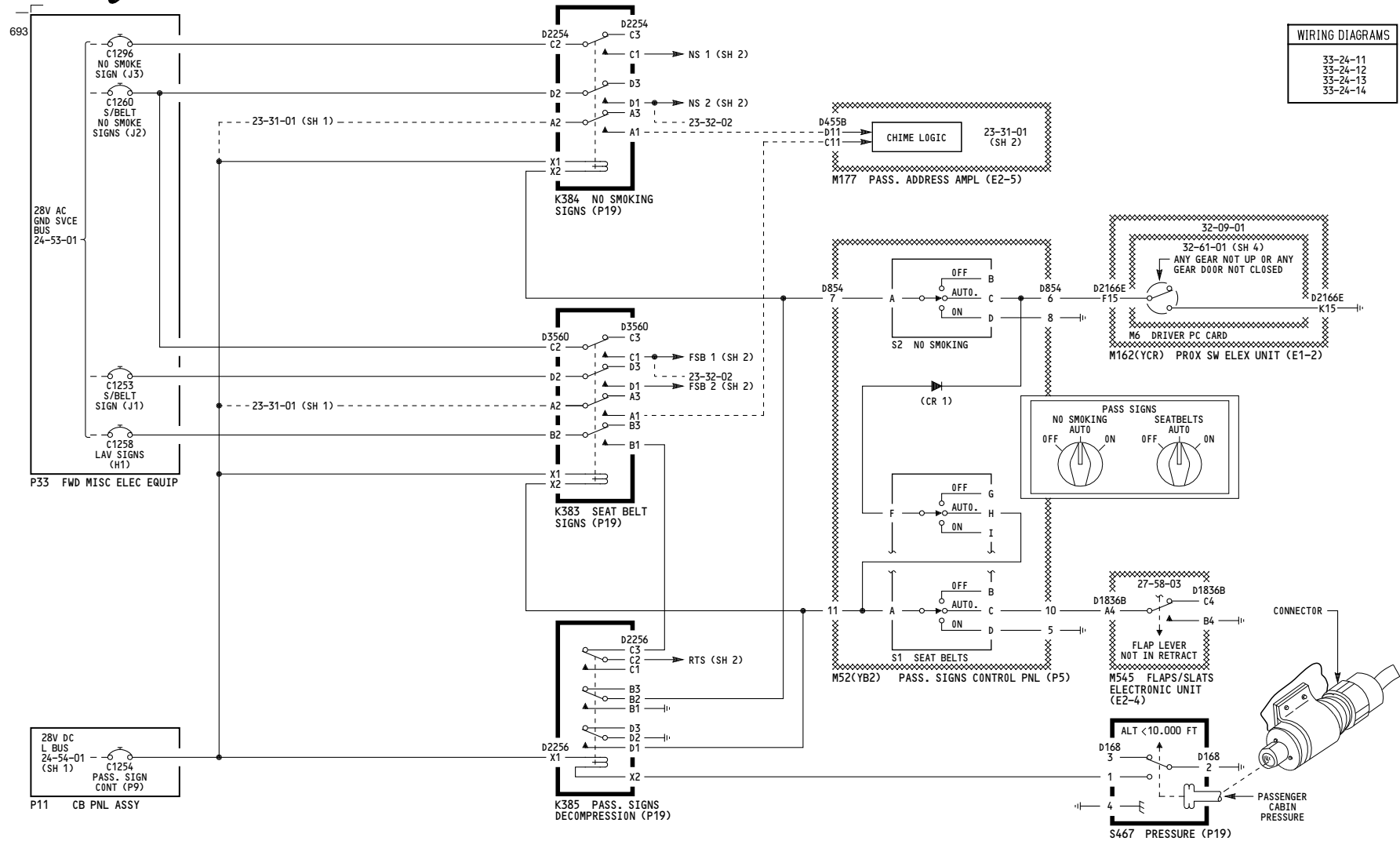
**PASSENGER SIGNS**

D280T232

**33-24-01**



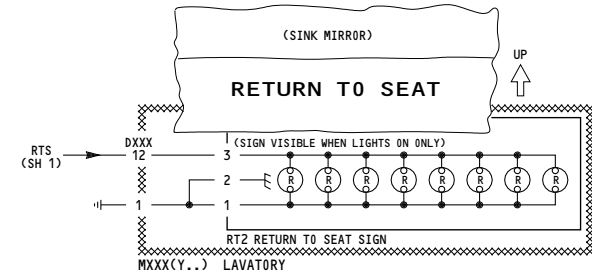
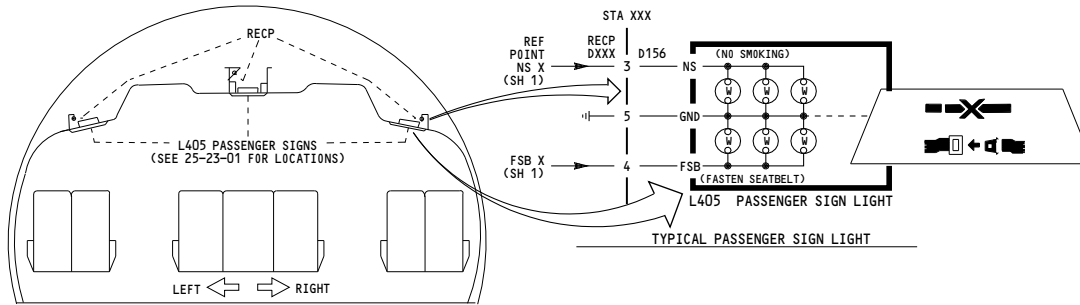
WIRING DIAGRAMS	
33-24-11	
33-24-12	
33-24-13	
33-24-14	



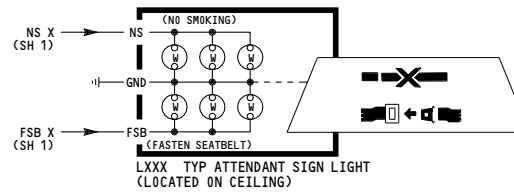
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D280T232	

**33-24-01**

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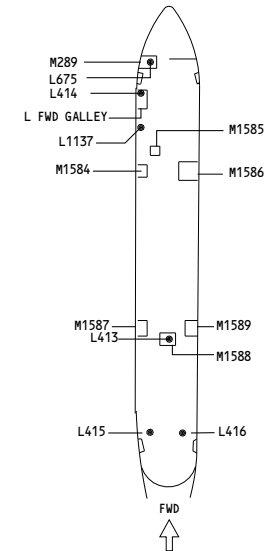


PASSENGER SIGNS - RECP LOCATIONS															
LEFT			CENTER			RIGHT			REF POINT	STA LOC					
REF POINT	CONN (RECP)	STA LOC	REF POINT	CONN (RECP)	STA LOC	REF POINT	CONN (RECP)	STA LOC							
PIN 3	PIN 4		PIN 3	PIN 4		PIN 3	PIN 4								
NS 1	FSB 2	D3210 D3212	463 493	NS 2	FSB 1	D2424 D3260 D3262 D3264 D3266 D3268 D3270 D3272 D3274 D3276 D3278 D3280 D3282 D8158 D8140 D8142 D8144 D8146	372 401 430 459 488 504 533 562 591 620 636 654 + 11 654 + 44 654 + 71 654 + 99 682 712 742 770	D2424 D3260 D3262 D3264 D3266 D3268 D3270 D3272 D3274 D3276 D3278 D3280 D3282 D8158 D8140 D8142 D8144 D8146	372 401 430 459 488 504 533 562 591 620 636 654 + 11 654 + 44 654 + 71 654 + 99 682 712 742 770	NS 1	FSB 2	D3202 D3304 D3306 D3308 D3310	375 405 434 463 493	D3202 D3304 D3306 D3308 D3310	375 405 434 463 493
		D3232 D3234 D3236 D3238 D3240 D3242 D3246 D3248 D3348 D3350 D3352 D3354 D3356	797 826 855 875 893 926 983 1013 1043 1071 1101 1131 1159			D3286 D3290 D3292 D3294 D3296 D3298 D3300 D3302 D3378 D3380 D3382 D3384 D3386 D3388 D8188 D8190 D8192 D8194 D8196 D3390 D3392 D3394 D3396 D3398 D3400 D3402 D3404	826 864 893 1009 1025 1054 1083 1112 1141 1157 1186 1197 + 18 1197 + 47 1197 + 76 1197 + 92 1197 + 121 1215 1244 1273 1289 1318 1347 1376 1405 1421 1450 1479	D3286 D3290 D3292 D3294 D3296 D3298 D3300 D3302 D3378 D3380 D3382 D3384 D3386 D3388 D8188 D8190 D8192 D8194 D8196 D3390 D3392 D3394 D3396 D3398 D3400 D3402 D3404	826 864 893 1009 1025 1054 1083 1112 1141 1157 1186 1197 + 18 1197 + 47 1197 + 76 1197 + 92 1197 + 121 1215 1244 1273 1289 1318 1347 1376 1405 1421 1450 1479			D3330 D3332 D3334 D3336 D3338 D3340 D3346 D3412 D3414 D3416 D3418 D3420	797 815 845 875 893 926 1013 1043 1071 1101 1131 1159	D3330 D3332 D3334 D3336 D3338 D3340 D3346 D3412 D3414 D3416 D3418 D3420	797 815 845 875 893 926 1013 1043 1071 1101 1131 1159



ATTENDANT SIGNS				
REF POINT	SIGN	NOMENCLATURE	STA LOC	LOC ON
NS	FSB			
NS1	FSB2	L675	FWD ATTENDANT SIGN	284 L
NS2	FSB1	L413	MID ATTENDANT SIGN	970 CTR
NS1	FSB2	L1137	L FWD ATTENDANT SIGN	447 L
NS1	FSB2	L414	L FWD ATTENDANT SIGN	356 L
NS1	FSB2	L415	AFT L ATTENDANT SIGN	1471 L
NS1	FSB2	L416	AFT R ATTENDANT SIGN	1471 R

LAVATORY SIGNS		
CONN	LAVATORY	NOMENCLATURE
D808	M289(YCC)	LAV FWD F1
D810	M1584(YHY)	LAV(MS-LF)
D10568	M1585(YHZ)	LAV(MC-F)
D812	M1586(YIA)	LAV(MS-RF)
D13414	M1587(YIB)	LAV(MS-LF)
D13416	M1588(YIC)	LAV(MC-A)
D10570	M1589(YID)	LAV(MS-RA)



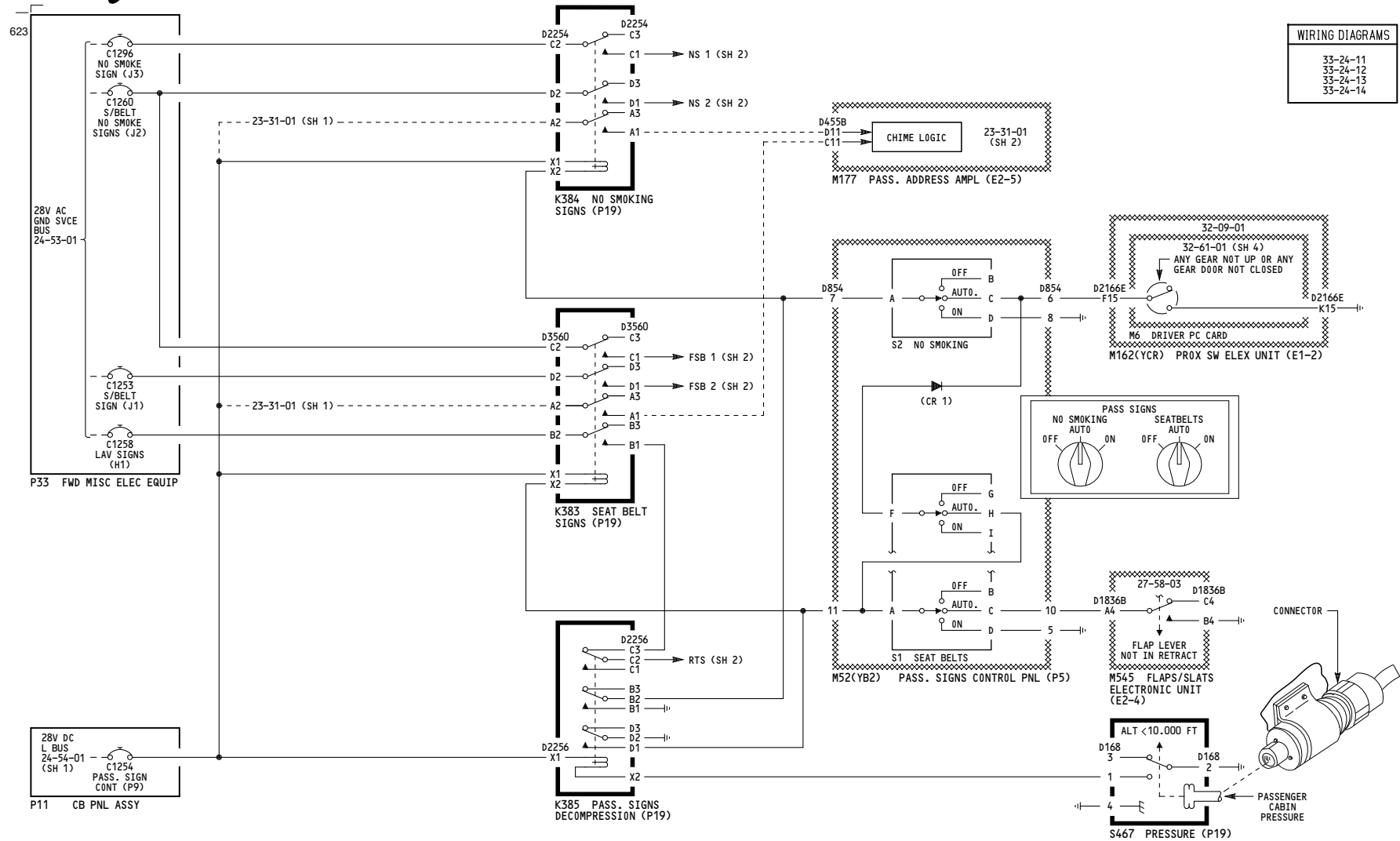
150, 152-157

**PASSENGER SIGNS**

D280T232

**33-24-01**

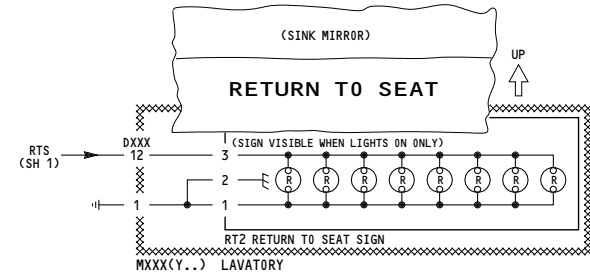
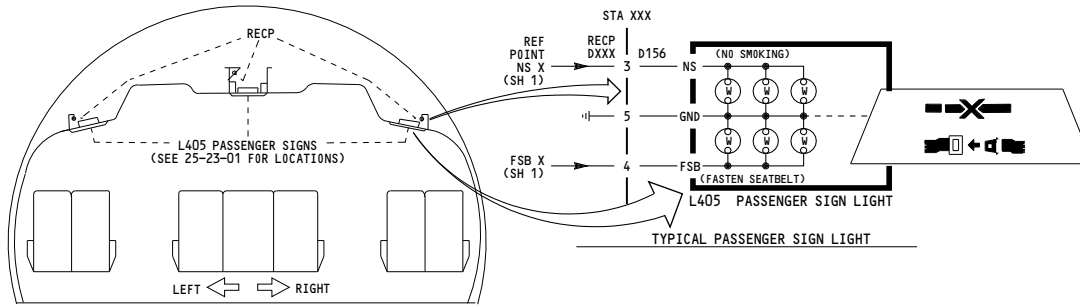
WIRING DIAGRAMS	
33-24-11	
33-24-12	
33-24-13	
33-24-14	



151	<b>PASSENGER SIGNS</b>
D280T232	

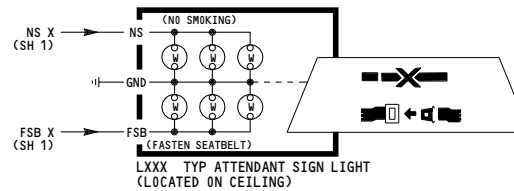
**33-24-01**

641

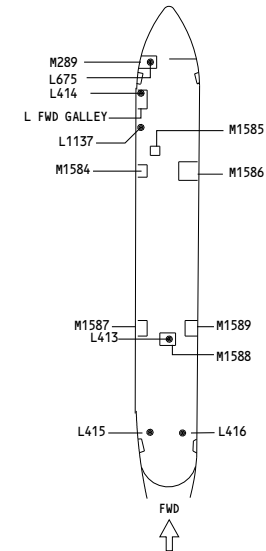


PASSENGER SIGNS - RECP LOCATIONS											
LEFT			CENTER			RIGHT					
REF POINT PIN 3	CONN (RECP) PIN 4	STA LOC	REF POINT PIN 3	CONN (RECP) PIN 4	STA LOC	REF POINT PIN 3	CONN (RECP) PIN 4	STA LOC			
NS 1	FSB 2	D3210 D3212	463 493	NS 2	FSB 1	D2424 D3260 D3262 D3264 D3266 D3268 D3270 D3272 D3274 D3276 D3278	372 401 430 459 488 504 533 562 591 620 636	NS 1	FSB 2	D3202 D3304 D3306 D3308 D3310	375 405 434 463 493
		D3214 D3216 D3218 D3220 D3222 D8138 D8140 D8142 D8144 D3226 D3228 D3230 D8146	522 551 581 610 639 654 + 14 654 + 44 654 + 71 654 + 99 682 712 742 770			D3278 D3280 D3282 D8176 D8178 D8180 D8182 D2056 D2058	636 654 + 11 654 + 40 676 705 726 748 768 797			D3320 D3318 D3320 D8156 D8158 D8160 D3324 D3326 D3328	639 610 659 654 + 14 654 + 44 654 + 71 682 712 742
		D3232 D3234 D3236 D3238 D3240 D3242 D3246 D3248 D3348 D3350 D3352 D3354 D3356	797 826 855 875 893 926 983 1013 1043 1071 1101 1131 1159			D3286 D3290 D3292 D3294 D3296 D3298 D3300 D3302 D3378 D3380 D3382 D3384 D3386 D3388 D8188 D8190 D8192 D8194 D8196 D3390 D3392 D3394 D3396 D3398 D3400 D3402 D3404	826 864 893 1009 1025 1054 1083 1112 1141 1157 1186 1197 + 18 1197 + 47 1197 + 76 1197 + 92 1197 + 121 1215 1244 1273 1289 1318 1347 1376 1405 1421 1450 1479			D3330 D3332 D3334 D3336 D3338 D3340 D3346 D3412 D3414 D3416 D3418 D3420	797 815 845 875 893 926 1013 1043 1071 1101 1131 1159
		D3358 D8148 D8150 D8152 D8154 D3360 D3362 D3364 D3366 D3368 D3370 D3372 D3374 D3376	1189 1197 + 22 1197 + 50 1197 + 80 1197 + 110 1204 1234 1263 1292 1322 1351 1387 1406 1436			D3422 D8166 D8168 D8170 D8172 D3424 D3426 D3428 D3430 D3432 D3434 D3436 D3438 D3440	1189 1197 + 22 1197 + 50 1197 + 80 1197 + 110 1204 1234 1263 1292 1322 1351 1387 1406 1436				

LAVATORY SIGNS		
CONN	LAVATORY	NOMENCLATURE
D808	M289(YCC)	LAV FWD F1
D810	M1584(YHY)	LAV(MS-LF)
D10568	M1585(YHZ)	LAV(MC-F)
D812	M1586(YIA)	LAV(MS-RF)
D13414	M1587(YIB)	LAV(MS-LF)
D13416	M1588(YIC)	LAV(MC-A)
D10570	M1589(YID)	LAV(MS-RA)



ATTENDANT SIGNS					
REF POINT NS	CONN FSB	SIGN	NOMENCLATURE	STA LOC	LOC ON
NS1	FSB2	L675	FWD ATTENDANT SIGN	284 L	M289 LAV
NS2	FSB1	L413	MID ATTENDANT SIGN	970 CTR	M1588 LAV
NS1	FSB2	L1137	L FWD ATTENDANT SIGN	447 L	CEILING
NS1	FSB2	L414	L FWD ATTENDANT SIGN	356 L	GALLEY
NS1	FSB2	L415	AFT L ATTENDANT SIGN	1471 L	CEILING
NS1	FSB2	L416	AFT R ATTENDANT SIGN	1471 R	CEILING



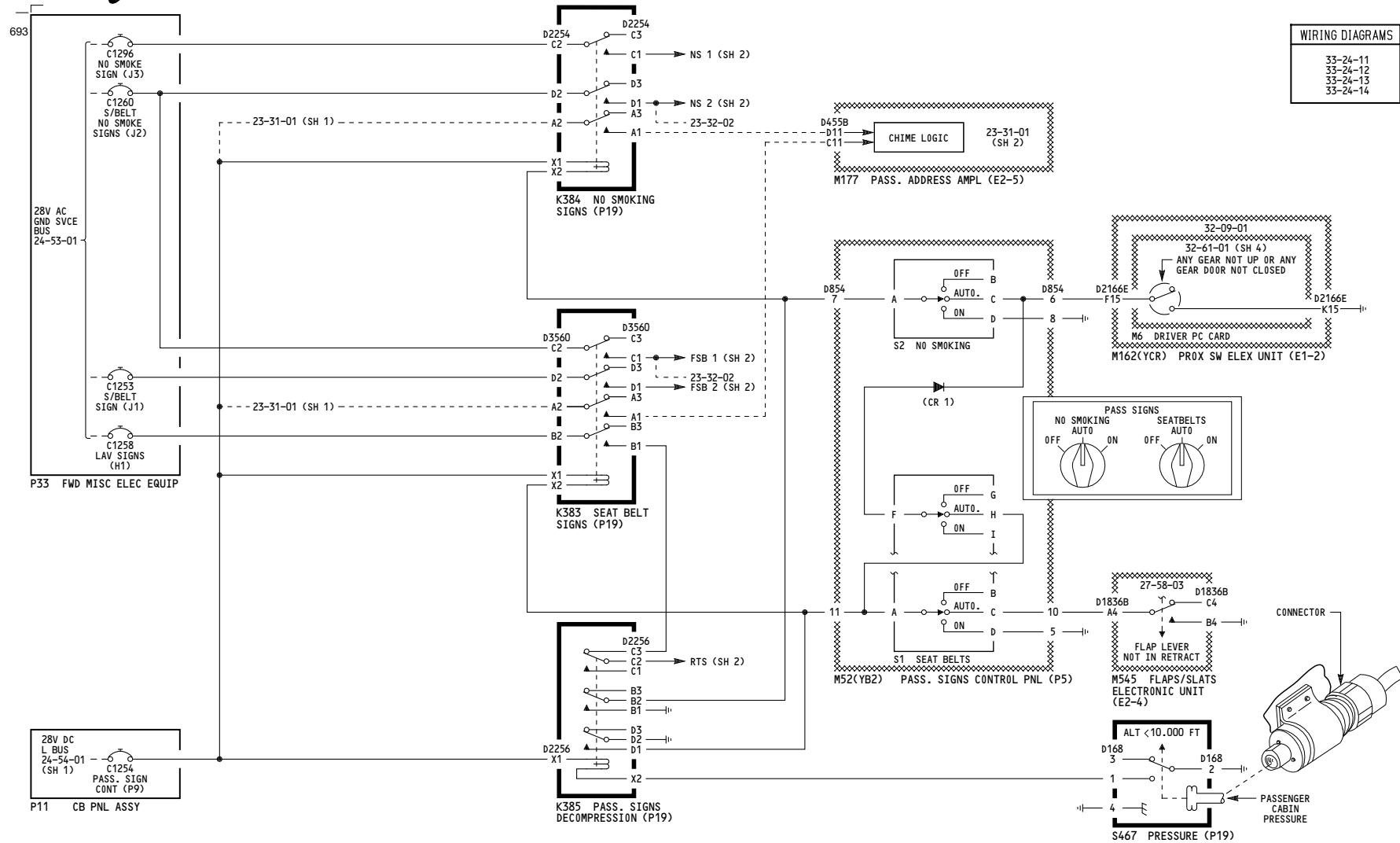
151

**PASSENGER SIGNS**

D280T232

**33-24-01**

WIRING DIAGRAMS	
33-24-11	
33-24-12	
33-24-13	
33-24-14	

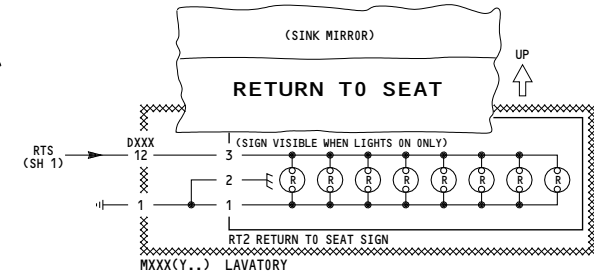
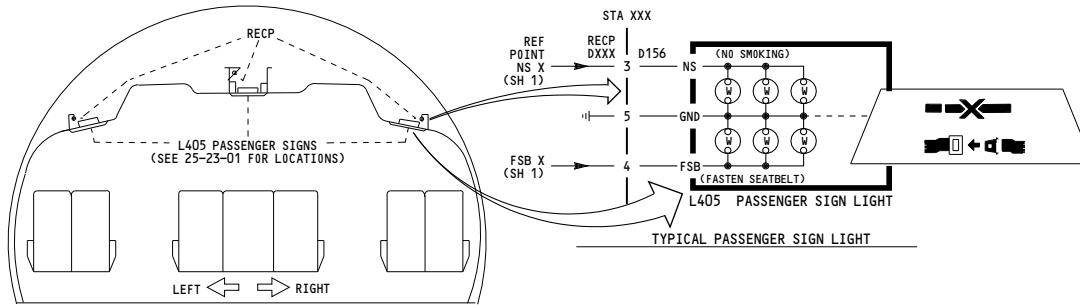


162-167	<b>PASSENGER SIGNS</b>
	D280T232

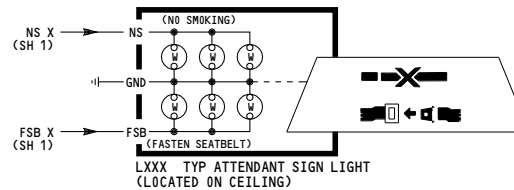
Incorporates  
MTO-230718

**33-24-01**

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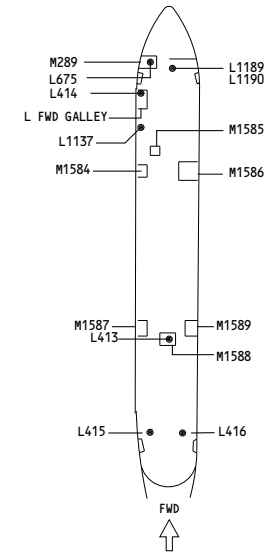


PASSENGER SIGNS - RECIP LOCATIONS									
LEFT			CENTER			RIGHT			
REF POINT	CONN (RECIP)	STA LOC	REF POINT	CONN (RECIP)	STA LOC	REF POINT	CONN (RECIP)	STA LOC	
PIN 3	PIN 4		PIN 3	PIN 4		PIN 3	PIN 4		
NS 1	FSB 2	D3210 D3212	463 493	NS 2	FSB 1	D2424 D3260 D3262 D3264 D3266 D3268 D3270 D3272 D3274 D3276 D3278 D3280 D3282 D8158 D8140 D8142 D8144 D8146	372 401 430 459 488 504 533 562 591 620 636 654 + 11 654 + 44 654 + 71 654 + 99	797 826 855 875 893 926 983 1013 1043 1071 1101 1131 1159	
		D3214 D3216 D3218 D3220 D3222 D8158 D8140 D8142 D8144 D3226 D3228 D3230 D8146	522 551 581 610 639 654 + 14 654 + 44 654 + 71 654 + 99 682 712 742 770			D3286 D3290 D3292 D3294 D3296 D3298 D3300 D3302 D3378 D3380 D3382 D3384 D3386 D3388 D8188 D8190 D8192 D8194 D8196 D3390 D3392 D3394 D3396 D3398 D3400 D3402 D3404	826 864 893 1009 1025 1054 1083 1112 1141 1157 1186 1197 + 18 1197 + 47 1197 + 76 1197 + 92 1197 + 121 1215 1244 1273 1289 1318 1347 1376 1405 1421 1450 1479	D3330 D3332 D3334 D3336 D3338 D3340 D3346 D3412 D3414 D3416 D3418 D3420	797 815 845 875 893 926 1013 1043 1071 1101 1131 1159



ATTENDANT SIGNS					
REF POINT		SIGN	NOMENCLATURE	STA LOC	LOC ON
NS	FSB				
NS1	FSB2	L675	FWD ATTENDANT SIGN	284 L	M289 LAV
NS2	FSB1	L415	MID ATTENDANT SIGN	970 CTR	M1588 LAV
NS1	FSB2	L1137	L FWD ATTENDANT SIGN	447 L	L FWD GALLEY
NS1	FSB2	L414	L FWD ATTENDANT SIGN	356 L	L FWD GALLEY
NS1	FSB2	L415	AFT L ATTENDANT SIGN	1490 L	CEILING
NS1	FSB2	L416	AFT R ATTENDANT SIGN	1490 R	CEILING
NS1	FSB2	L1189	ATT SIGN CREW REST AREA	261 CTR	CREW REST AREA
NS1	FSB2	L1190	ATT SIGN CREW REST AREA	261 CTR	CREW REST AREA

LAVATORY SIGNS		
CONN	LAVATORY	NOMENCLATURE
D808	M289(YCC)	LAV FWD F1
D810	M1584(YHY)	LAV(MS-LF)
D10568	M1585(YHZ)	LAV(MS-F)
D812	M1586(YIA)	LAV(MS-RF)
D13414	M1587(YIB)	LAV(MS-LF)
D13416	M1588(YIC)	LAV(MS-A)
D10570	M1589(YID)	LAV(MS-RA)



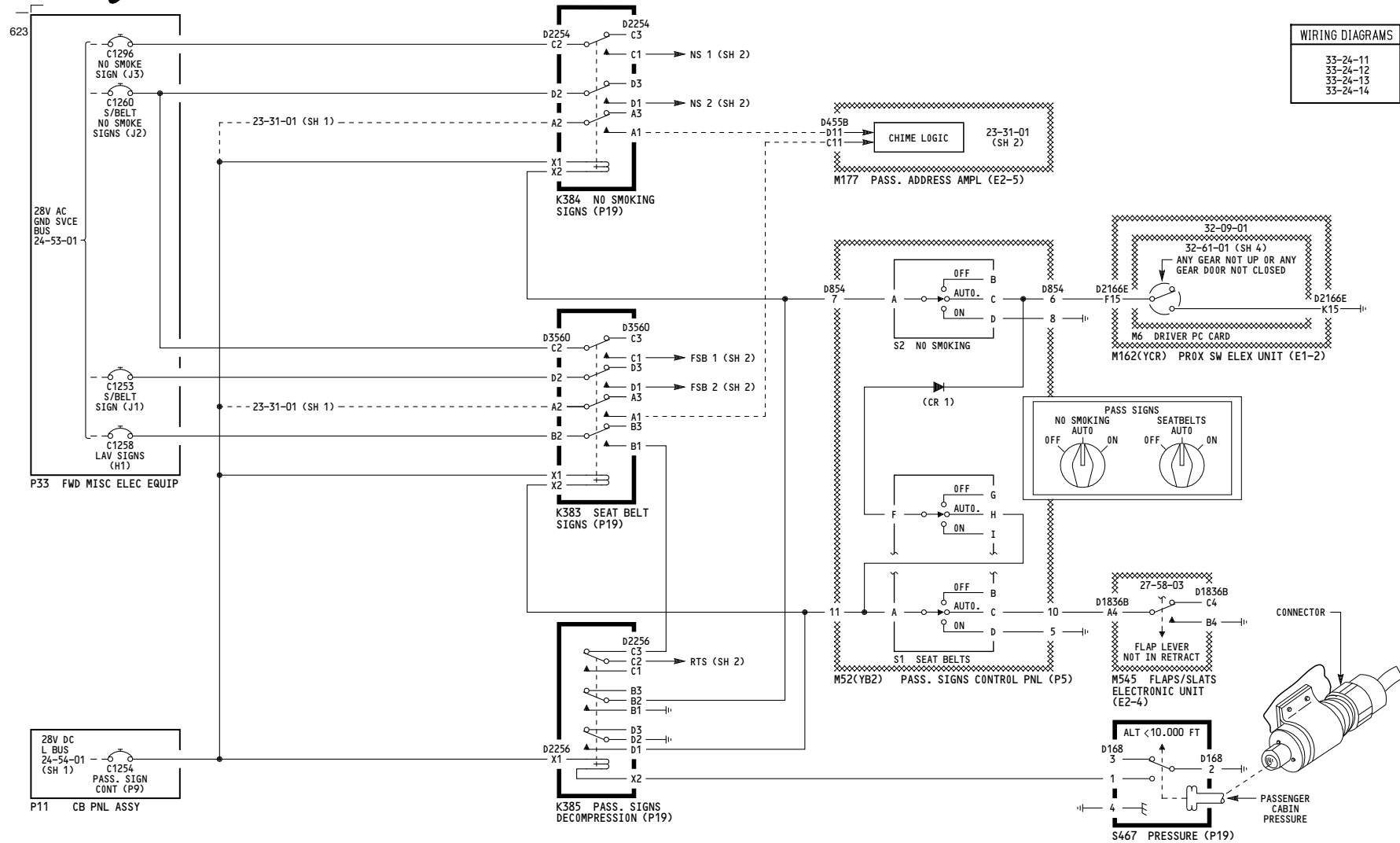
162-167

**PASSENGER SIGNS**

D280T232

**33-24-01**

WIRING DIAGRAMS  
33-24-11  
33-24-12  
33-24-13  
33-24-14



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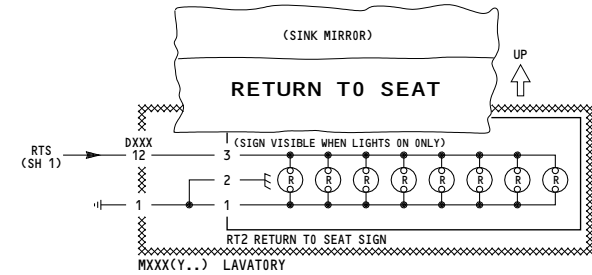
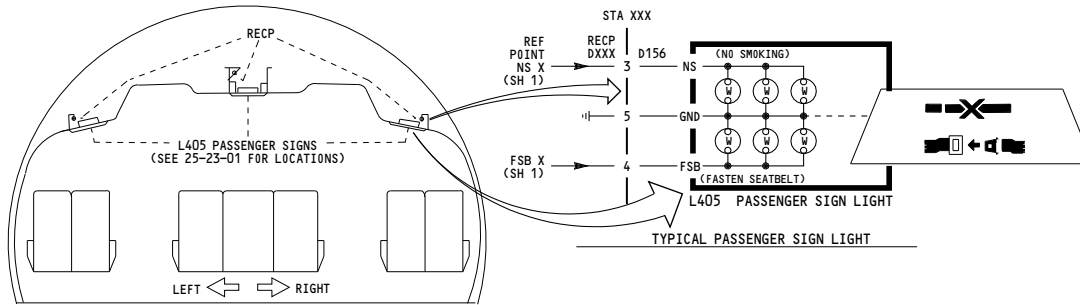
**PASSENGER SIGNS**

D280T232

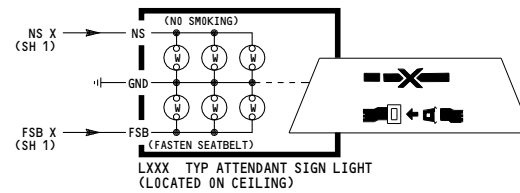
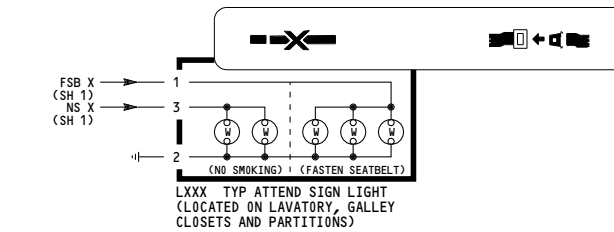
**33-24-01**

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Sheet 1  
Jan 21/2005

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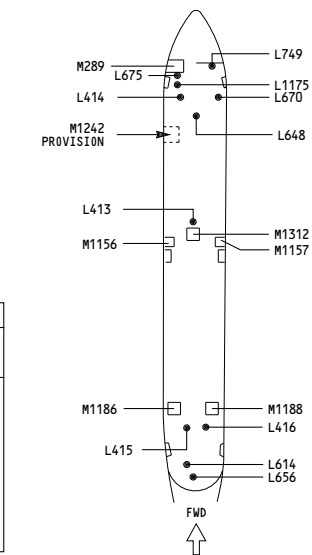


PASSENGER SIGNS - RECP LOCATIONS											
LEFT			CENTER			RIGHT					
REF POINT PIN 3	REF POINT PIN 4	CONN (RECP)	STA LOC	REF POINT PIN 3	REF POINT PIN 4	CONN (RECP)	STA LOC	REF POINT PIN 3	REF POINT PIN 4	CONN (RECP)	STA LOC
NS 1	FSB 2	D3200	375	NS 2	FSB 1	D2424	372	NS 1	FSB 2	D3202	375
		D3206	405			D3260	401			D3304	405
		D3208	434			D3262	430			D3306	434
		D3210	463			D3264	459			D3308	463
		D3212	493			D3266	488			D3310	493
						D3268	504				
		D3214	522			D3270	533			D3312	522
		D3216	551			D3272	562			D3314	551
		D3218	581			D3274	591			D3316	581
		D3220	610			D3276	620			D3318	610
		D3222	639			D3278	636			D3320	639
		D8138	654 + 14			D3280	654 + 11			D8156	654 + 14
		D8140	654 + 44			D3282	654 + 40			D8158	654 + 44
		D8142	654 + 71			D2052	654 + 69			D8160	654 + 71
		D8144	654 + 99			D2054	654 + 98			D8162	654 + 99
		D3224	656			D8174	654 + 114			D3322	656
		D3226	682			D8176	676			D3324	682
		D3228	712			D8178	705			D3326	712
		D3230	742			D8180	726			D3328	742
		D8146	770			D8182	748				
						D2056	768				
						D2058	797			D3330	797
		D3232	797							D3332	815
		D3234	815			D3286	826			D3334	845
		D3236	845			D3290	951			D3336	875
		D3238	875			D3292	980			D3338	895
		D3240	895			D3294	1009			D3340	926
		D3242	926			D3296	1025			D3342	955
		D3244	955			D3298	1054			D3344	983
		D3246	983			D3300	1083				
		D3248	1013			D3302	1112				
		D3348	1043			D3304	1141				
		D3350	1071			D3306	1170				
		D3352	1101			D3308	1157				
		D3354	1131			D3382	1186				
		D3356	1159			D3384	1197 + 18				
						D3386	1197 + 47				
		D3358	1189			D3388	1197 + 76			D3422	1189
		D8148	1197 + 22			D8188	1197 + 92			D8166	1197 + 22
		D8150	1197 + 50			D8190	1197 + 121			D8168	1197 + 50
		D8152	1197 + 80			D8192	1215			D8170	1197 + 80
		D8154	1197 + 110			D8194	1244			D8172	1197 + 110
		D3360	1204			D8196	1273			D3424	1204
		D3362	1234			D3390	1289			D3426	1234
		D3364	1263			D3392	1318			D3428	1263
		D3366	1292			D3394	1347			D3430	1292
		D3368	1322			D3396	1376			D3432	1322
		D3370	1351			D3398	1405			D3434	1351
		D3372	1387			D3400	1421			D3436	1387
		D3374	1406			D3402	1450			D3438	1406
		D3376	1436			D3404	1479			D3440	1436



ATTENDANT SIGNS					
REF POINT	SIGN	NOMENCLATURE	STA LOC	LOC ON	
NS 2	FSB 1	L413	MID ATTENDANT SIGN LIGHT	838 C	LAV M1312
NS 1	FSB 2	L414	FWD ATTENDANT SIGN LIGHT	356 L	CEILING
NS 1	FSB 2	L415	AFT ATTENDANT SIGN LIGHT	1470 L	CEILING
NS 1	FSB 2	L416	AFT ATTENDANT SIGN LIGHT	1470 R	CEILING
NS 1	FSB 2	L614	AFT ATTENDANT SIGN LIGHT	1564	CEILING
NS 2	FSB 2	L656	AFT ATTENDANT SIGN LIGHT	1590	A1 GALLEY
NS 2	FSB 1	L670	FWD ATTENDANT SIGN LIGHT	356 R	CEILING
NS 1	FSB 1	L675	FWD ATTENDANT SIGN LIGHT	284 L	LAV (F-1)
NS 2	FSB 2	L749	FWD ATTENDANT SIGN LIGHT	280 R	GALLEY
NS 1	FSB 1	L1175	FWD ATTENDANT SIGN LIGHT	348 L	CLOSET
NS 1	FSB 2	L648	FWD ATTENDANT SIGN LIGHT	341 C	CEILING

LAVATORY SIGNS		
CONN	LAVATORY	NOMENCLATURE
D808	M289 (YCC)	LAVATORY FWD L
D810	M1156 (YCF)	LAVATORY MID L
D812	M1157 (YCF)	LAVATORY MID R
D814	M1186 (YEC)	LAVATORY AFT L
D816	M1188 (YEE)	LAVATORY AFT R
D10568	M1312 (YGT)	LAVATORY MID C



275-278

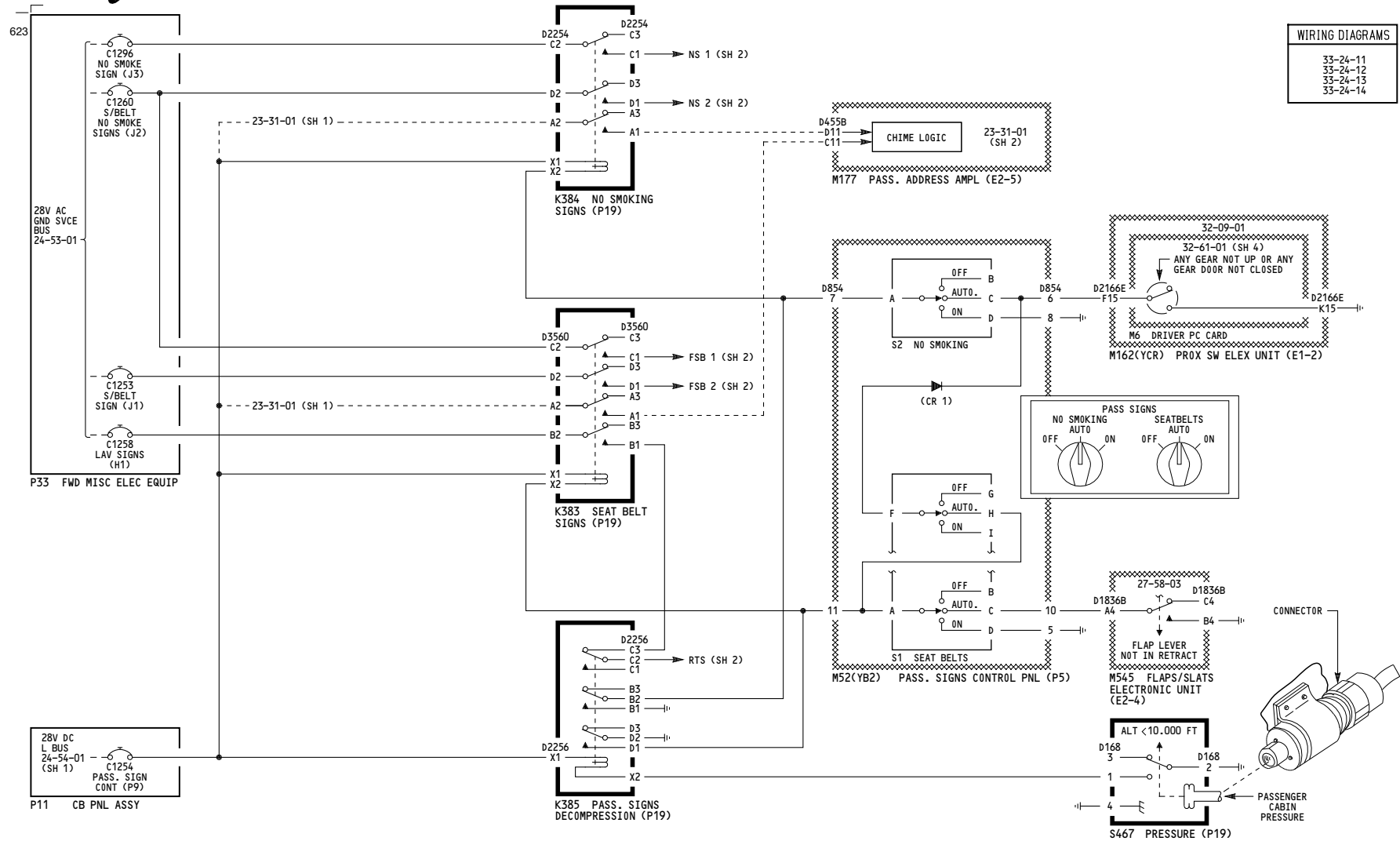
**PASSENGER SIGNS**

D280T232

**33-24-01**



WIRING DIAGRAMS	
33-24-11	
33-24-12	
33-24-13	
33-24-14	



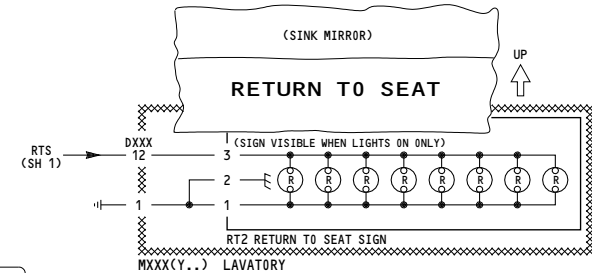
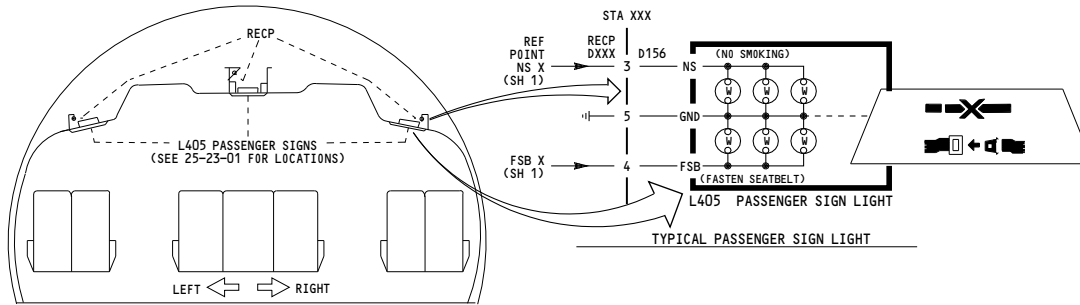
280-299

**PASSENGER SIGNS**

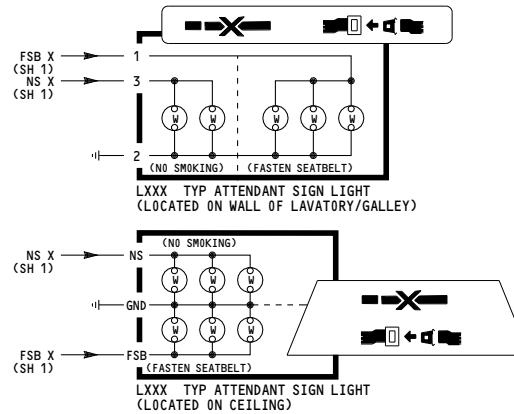
D280T232

**33-24-01**

670

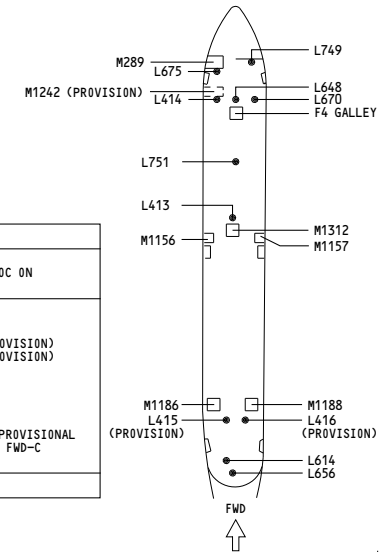


PASSENGER SIGNS - RECPT LOCATIONS								
LEFT			CENTER			RIGHT		
REF POINT	CONN (RECPT)	STA LOC	REF POINT	CONN (RECPT)	STA LOC	REF POINT	CONN (RECPT)	STA LOC
PIN 3	PIN 4		PIN 3	PIN 4		PIN 3	PIN 4	
NS 1	FSB 2	D3200 375	NS 2	FSB 1	D2424 372	NS 1	FSB 2	D3202 375
		D3206 405			D3260 401			D3304 405
		D3208 434			D3262 430			D3306 434
		D3210 463			D3264 459			D3308 463
		D3212 493			D3266 488			D3310 493
					D3268 504			
		D3214 522			D3270 533			D3312 522
		D3216 551			D3272 562			D3314 551
		D3218 581			D3274 591			D3316 581
		D3220 610			D3276 620			D3318 610
		D3222 639			D3278 636			D3320 639
		D8138 654 + 14			D3280 654 + 11			D8156 654 + 14
		D8140 654 + 44			D3282 654 + 40			D8158 654 + 44
		D8142 654 + 71			D2052 654 + 69			D8160 654 + 71
		D8144 654 + 99			D2054 654 + 98			D8162 654 + 99
		D3224 656			D8174 654 + 114			D3322 656
		D3226 682			D8176 676			D3324 682
		D3228 712			D8178 705			D3326 712
		D3230 742			D8180 726			D3328 742
		D8146 770			D8182 748			
					D2056 768			
					D2058 797			D3330 797
		D3232 815						D3332 815
		D3234 845			D3286 826			D3334 845
		D3236 875			D3290 951			D3336 875
		D3238 893			D3292 980			D3338 893
		D3240 926			D3294 1009			D3340 926
		D3242 955			D3296 1025			D3342 955
		D3244 983			D3298 1054			D3344 983
		D3246 1013			D3300 1083			D3346 1013
		D3248 1043			D3302 1112			D3348 1043
		D3350 1071			D3304 1141			D3350 1071
		D3352 1101			D3306 1157			D3352 1101
		D3354 1131			D3308 1186			D3354 1131
		D3356 1159			D3384 1197 + 18			D3420 1159
					D3386 1197 + 47			
					D3388 1197 + 76			D3422 1189
		D3358 1189			D8188 1197 + 92			D8166 1197 + 22
		D8148 1197 + 22			D8190 1197 + 121			D8168 1197 + 50
		D8150 1197 + 50			D8192 1215			D8170 1197 + 80
		D8152 1197 + 80			D8194 1244			D8172 1197 + 110
		D8154 1197 + 110			D8196 1273			D9424 1204
		D3360 1204			D3390 1289			D3426 1234
		D3362 1234			D3392 1318			D3428 1263
		D3364 1263			D3394 1347			D3430 1292
		D3366 1292			D3396 1376			D3432 1322
		D3368 1322			D3398 1405			D3434 1351
		D3370 1351			D3400 1421			D3436 1387
		D3372 1387			D3402 1450			D3438 1406
		D3374 1406			D3404 1479			D3440 1436
		D3376 1436						



ATTENDANT SIGNS						
REF POINT	NS	FSB	SIGN	NOMENCLATURE	STA LOC	LOC ON
NS 1	FSB 1	L413	MID ATTENDANT SIGN LIGHT		838 C	LAV M1312
NS 1	FSB 2	L414	FWD ATTENDANT SIGN LIGHT		356 L	CEILING
NS 1	FSB 2	L415	AFT ATTENDANT SIGN LIGHT		1470 L	CEILING (PROVISION)
NS 1	FSB 2	L416	AFT ATTENDANT SIGN LIGHT		1470 R	CEILING (PROVISION)
NS 1	FSB 2	L614	AFT ATTENDANT SIGN LIGHT		1564	CEILING
NS 1	FSB 2	L656	AFT ATTENDANT SIGN LIGHT		1590	AT GALLEY
NS 2	FSB 1	L670	FWD ATTENDANT SIGN LIGHT		356 R	CEILING
NS 2	FSB 2	L675	FWD ATTENDANT SIGN LIGHT		284 L	LAV (F1)
NS 2	FSB 2	L749	FWD ATTENDANT SIGN LIGHT		280 R	GALLEY
NS 1	FSB 2	L648	FWD ATTENDANT SIGN LIGHT		349 C	GALLEY F4 (PROVISIONAL LOCATION ON FWD-C PARTITION)
NS 2	FSB 1	L751	MID ATTENDANT SIGN LIGHT		654+66-C	CEILING

LAVATORY SIGNS		
CONN	LAVATORY	NOMENCLATURE
D808	M289 (YCC)	LAVATORY FWD L
D810	M1156 (YCF)	LAVATORY MID L
D812	M1157 (YCG)	LAVATORY MID R
D814	M1186 (YEC)	LAVATORY AFT L
D816	M1188 (YEE)	LAVATORY AFT R
D10568	M1312 (YGT)	LAVATORY MID C

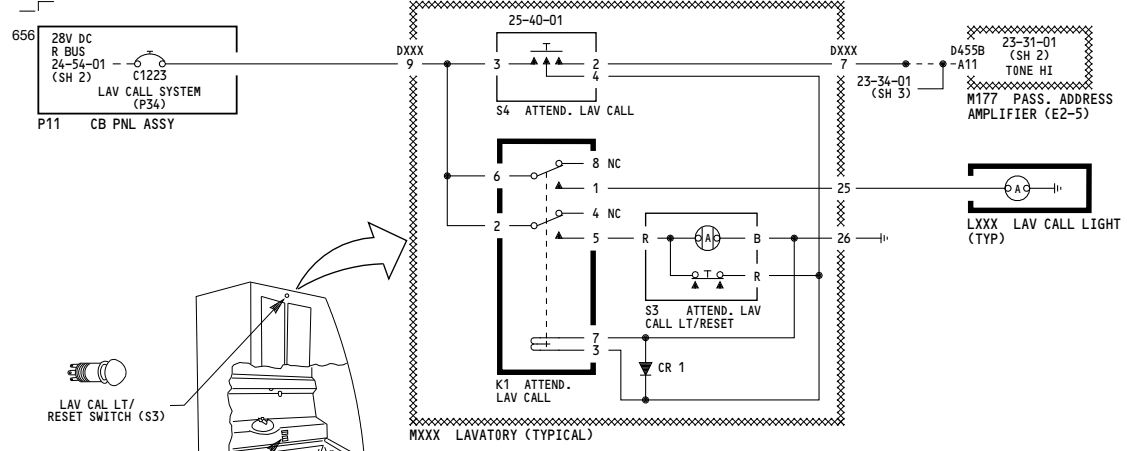


280-299

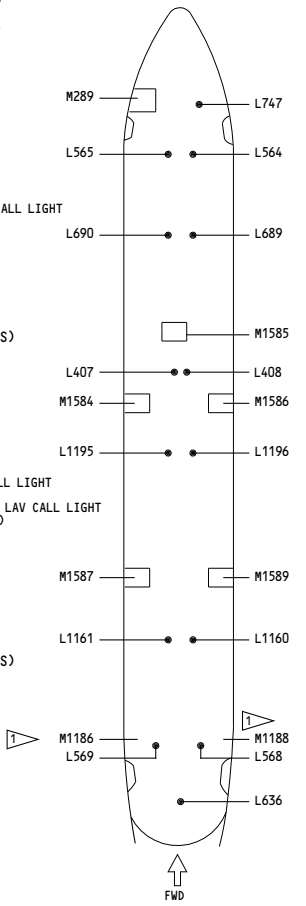
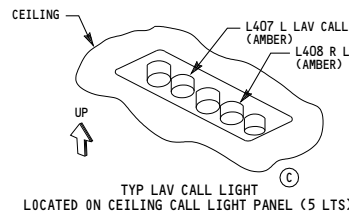
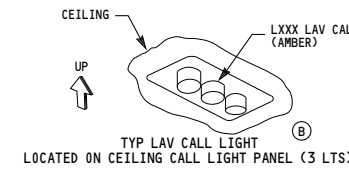
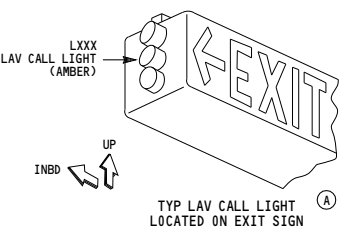
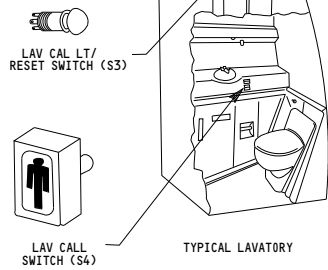
**PASSENGER SIGNS**

D280T232

**33-24-01**



WIRING DIAGRAMS  
33-25-11

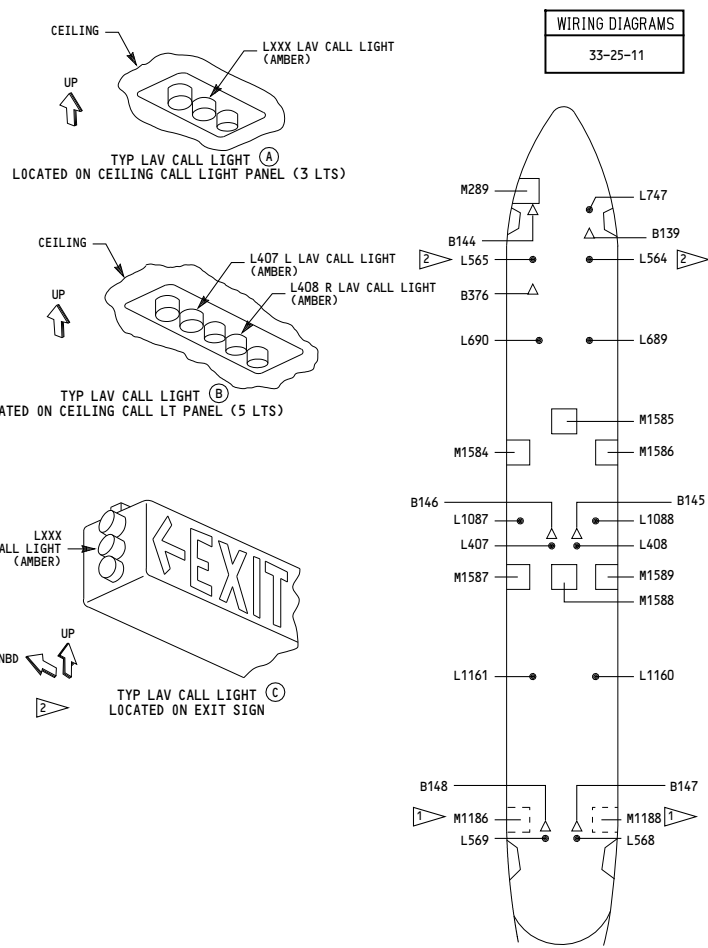
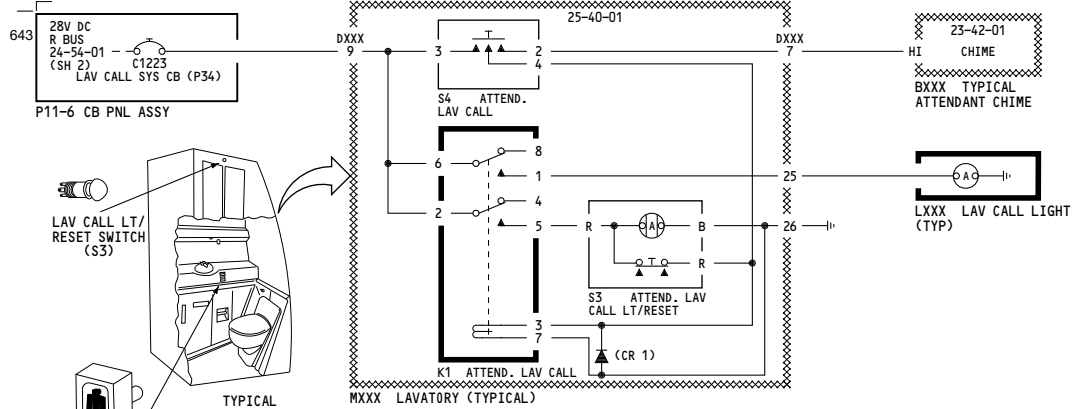


LAVATORY		LAVATORY CALL LIGHT		
ITEM NO.	CONN	LIGHT	NOMENCLATURE	TYPE LAV CALL LT
M289(YCC)	D808	L564	FWD R LAV CALL	(A)
		L565	FWD L LAV CALL	(A)
		L690	MID FWD L LAV CALL	(B)
		L747	FWD CTR R LAV CALL	(B)
M1584(YHY)	D810	L407	MID CTR L LAV CALL	(C)
		L565	FWD L LAV CALL	(B)
M1585(YHZ)	D10563	L690	MID FWD L LAV CALL	(B)
		L1195	MID AFT FWD L LAV CALL	(B)
M1586(YIA)	D812	L408	MID CTR R LAV CALL	(C)
		L564	FWD R LAV CALL	(A)
		L689	MID FWD R LAV CALL	(B)
		L747	FWD CTR R LAV CALL	(B)
M1587(YIB)	D13414	L1196	MID AFT FWD R LAV CALL	(B)
		L569	AFT L LAV CALL	(B)
		L636	AFT CTR R LAV CALL	(B)
M1186(YEC)	D814	L1161	MID AFT L LAV CALL	(B)
M1589(YID)	D10570	L568	AFT R LAV CALL	(B)
		L636	AFT CTR R LAV CALL	(B)
M1188(YEE)	D816	L1160	MID AFT R LAV CALL	(B)

NOTES:  
 ▷ ALTERNATE LAV CREW REST OR PASS. SEATS  
 • LAV CALL LIGHT

050-099	<b>LAVATORY CALL</b>
<b>D280T232</b>	

**33-25-01**

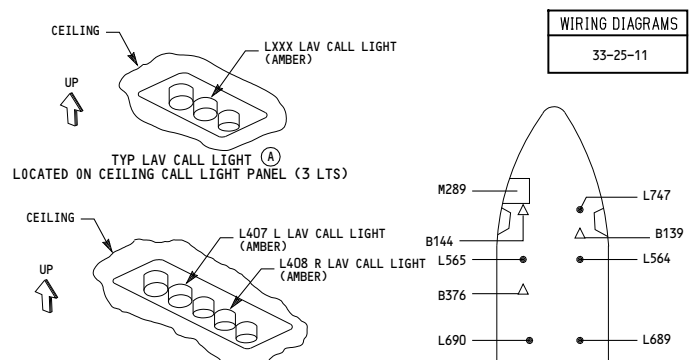
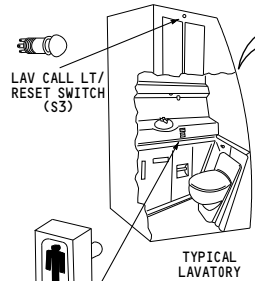
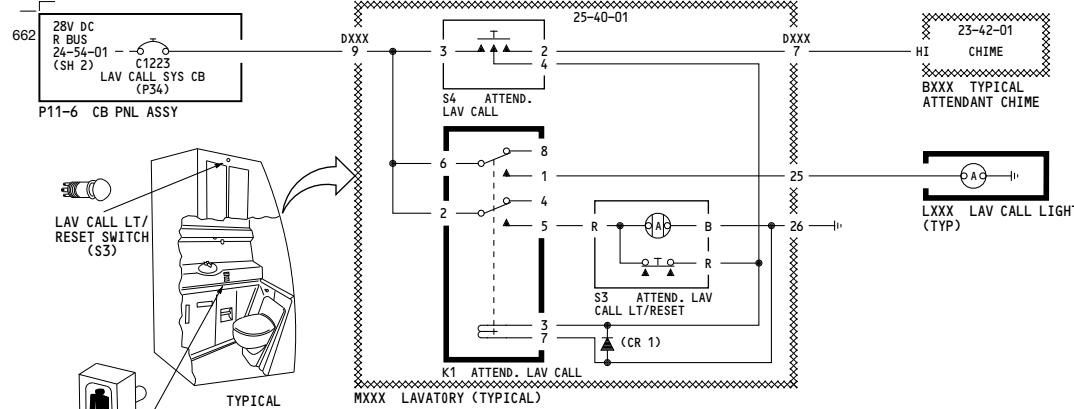


LAVATORY		LAVATORY CALL LIGHT			ATTENDANT CHIME	
ITEM NO.	CONN	LIGHT	NOMENCLATURE	TYP LAV CALL LIGHT	CHIME	ATTEND.
M289(YCC)	D808	L564	FWD R LAV CALL	(A) [Z]	B144	FWD-L
		L565	FWD L LAV CALL	(A) [Z]		
		L690	MID-FWD L LAV CALL	(A)		
		L747	FWD CTR R LAV CALL	(A)		
M1584(YHY)	D810	L565	FWD L LAV CALL	(A)	B139	FWD-CTR
		L690	MID-FWD L LAV CALL	(A)		
		L1087	MID L LAV CALL	(A)		
		L1087	MID L LAV CALL	(A)		
M1585(YHZ)	D10568	L565	FWD L LAV CALL	(A)	B139	FWD-CTR
		L690	MID-FWD L LAV CALL	(A)		
		L1087	MID L LAV CALL	(A)		
		L1087	MID L LAV CALL	(A)		
M1586(YIA)	D812	L564	FWD R LAV CALL	(A)	B139	FWD-CTR
		L689	MID-FWD R LAV CALL	(A)		
		L747	FWD-CTR R LAV CALL	(A)		
		L1088	MID R LAV CALL	(A)		
M1587(YIB)	D13414	L407	MID-CTR L LAV CALL	(B)	B146	MID-L
M1588(YIC)	D13416	L569	AFT L LAV CALL	(A)	B148	AFT-L
		L1161	MID-AFT L LAV CALL	(A)		
		L408	MID-CTR R LAV CALL	(B)		
M1589(YID)	D10570	L568	AFT R LAV CALL	(A)	B145	MID-R
		L568	AFT R LAV CALL	(A)	B147	AFT-R
M1589(YI9)	D10570	L1160	MID-AFT R LAV CALL	(A)	B145 B147	MID-R AFT-R
M1186(YEC)	D814	L569	AFT L LAV CALL	(A)	B146	MID-L
		L1161	MID-AFT R LAV CALL	(A)		
M1188(YEE)	D816	L568	AFT R LAV CALL	(A)	B145	MID-R
		L1160	MID-AFT R LAV CALL	(A)		

- NOTES:
- LAV CALL LIGHT
  - △ CHIME
  - [Z] PROVISIONAL
  - [Z] FOR VN152-VN155, VN157-VN170

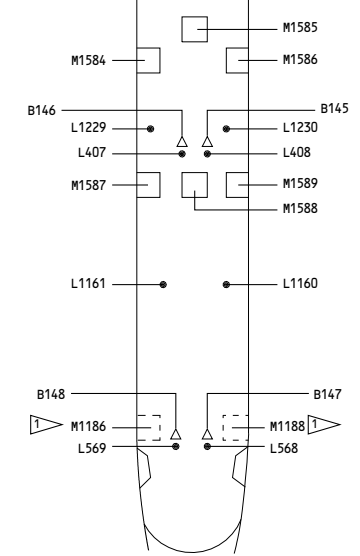
150-154, 156, 162-199	<b>LAVATORY CALL</b>
<b>D280T232</b>	

WIRING DIAGRAMS  
33-25-11



**WIRING DIAGRAMS**  
33-25-11

LAVATORY		LAVATORY CALL LIGHT			ATTENDANT CHIME	
ITEM NO.	CONN	LIGHT	NOMENCLATURE	TYP LAV CALL LIGHT	CHIME	ATTEND.
M289(YCC)	D808	L564	FWD R LAV CALL	(C)	B144	FWD-L
		L565	FWD L LAV CALL	(C)		
		L690	MID-FWD L LAV CALL	(A)		
		L747	FWD CTR R LAV CALL	(A)		
M1584(YHY)	D810	L1229	MID CTR L LAV CALL	(C)	B139	FWD-CTR PURSE
M1585(YHZ)	D10568	L565	FWD L LAV CALL	(A)	B139	FWD-CTR PURSE
		L690	MID-FWD L LAV CALL	(A)	B376	PURSE
M1586(YIA)	D812	L564	FWD R LAV CALL	(A)	B139	FWD-CTR PURSE
		L689	MID-FWD R LAV CALL	(A)	B376	PURSE
		L747	FWD-CTR R LAV CALL	(A)		
M1587(YIB)	D13414	L407	MID-CTR L LAV CALL	(B)	B146	MID-L
M1588(YIC)	D13416	L569	AFT L LAV CALL	(A)	B148	AFT-L
		L1161	MID-AFT L LAV CALL	(A)		
		L1229	MID-CTR L LAV CALL	(C)		
M1589(YID)	D10570	L408	MID-CTR R LAV CALL	(B)	B145	MID-R
		L568	AFT R LAV CALL	(A)	B147	AFT-R
		L1160	MID AFT R LAV CALL	(A)		
		L1230	MID CTR R LAV CALL	(C)		
M1186(YEC)	D814	L569	AFT L LAV CALL	(A)	B146	MID-L
		L1161	MID-AFT R LAV CALL	(A)	B148	AFT-L
M1188(YEE)	D816	L568	AFT R LAV CALL	(A)	B145	MID-R
		L1160	MID-AFT R LAV CALL	(A)	B147	AFT-R



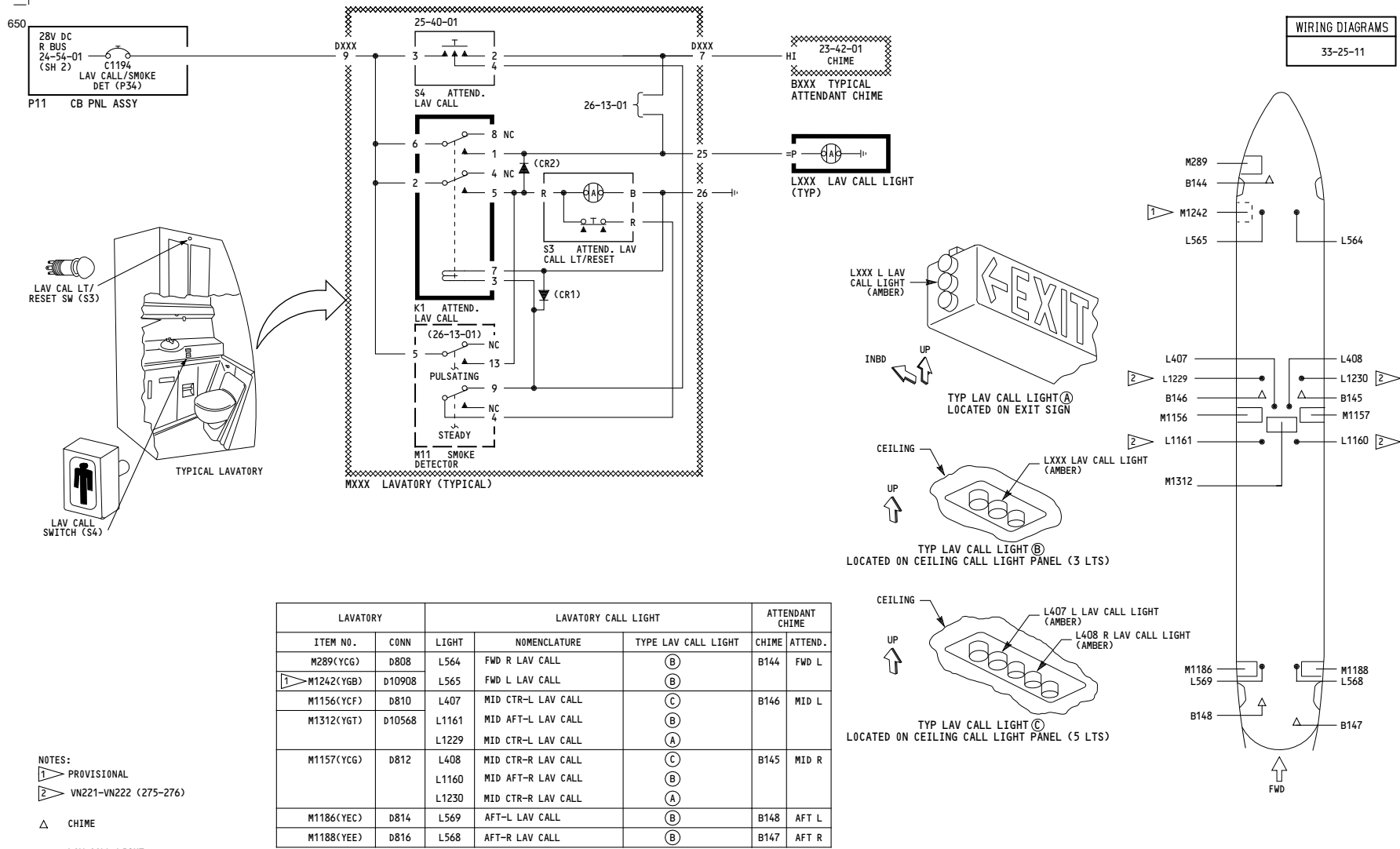
- NOTES:
- LAV CALL LIGHT
  - △ CHIME
  - ▷ PROVISIONAL

155, 157	<b>LAVATORY CALL</b>
D280T232	

**33-25-01**

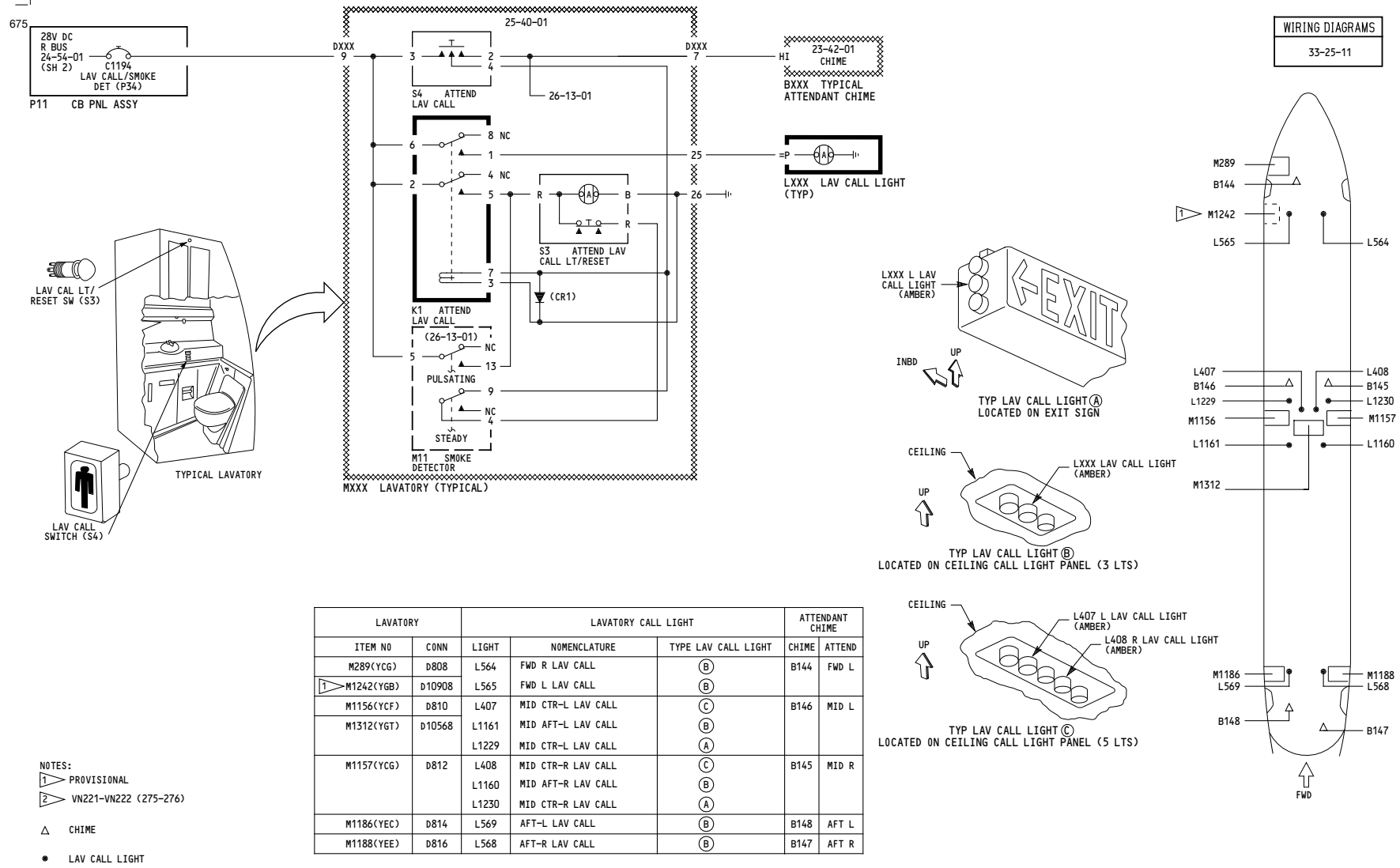
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- NOTES:  
 1 PROVISIONAL  
 2 VN221-VN222 (275-276)  
 Δ CHIME  
 • LAV CALL LIGHT

275-276	<b>LAVATORY CALL</b>
D280T232	

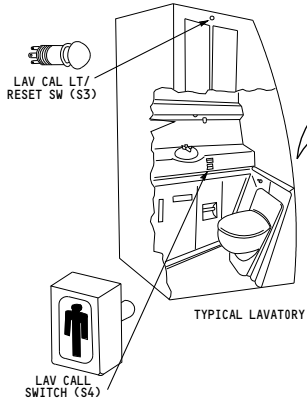
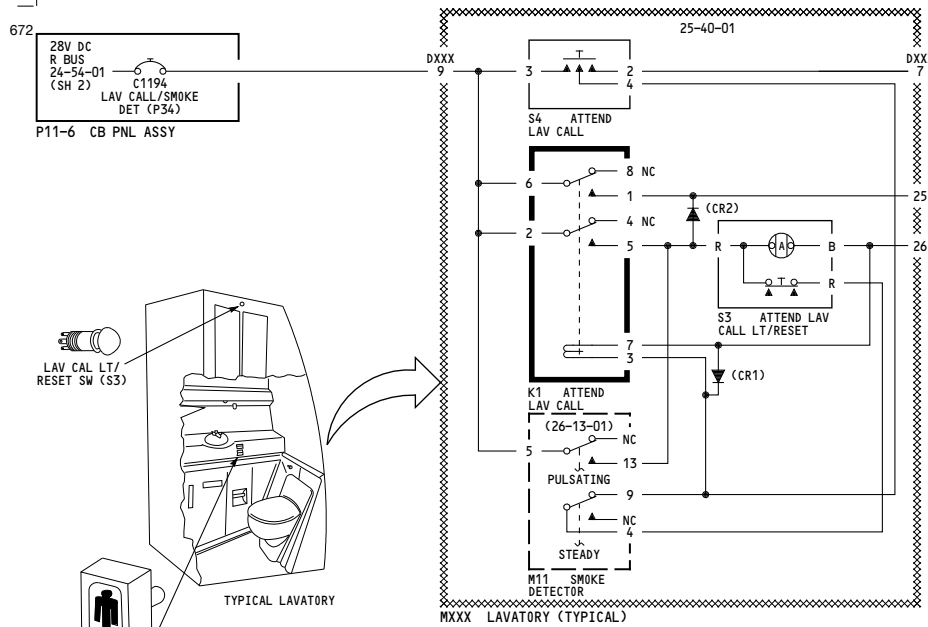


- NOTES:
- 1 PROVISIONAL
  - 2 VN221-VN222 (275-276)
  - △ CHIME
  - LAV CALL LIGHT

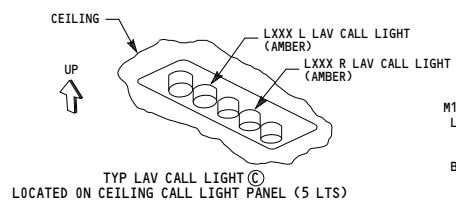
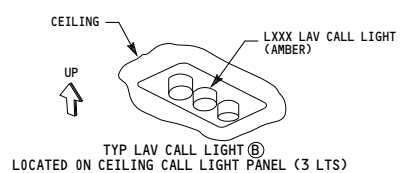
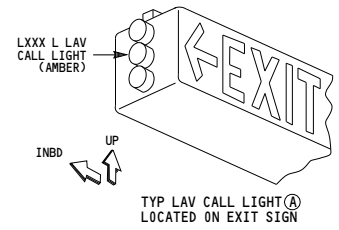
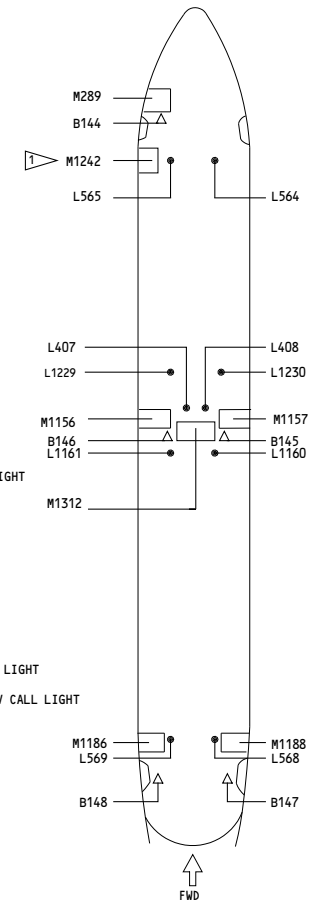
277-278	<b>LAVATORY CALL</b>
D280T232	

WIRING DIAGRAMS  
33-25-11

**33-25-01**



**WIRING DIAGRAMS**  
33-25-11



LAVATORY		LAVATORY CALL LIGHT			ATTENDANT CHIME	
ITEM NO.	CONN	LIGHT	NOMENCLATURE	TYPE LAV CALL LIGHT	CHIME	ATTEND
M289(YCC)	D808	L564	FWD R LAV CALL	(B)	B144	FWD L
M1242(YGB)	D10908	L565	FWD L LAV CALL	(B)		
M1156(YCF)	D810	L407	MID CTR-L LAV CALL	(C)	B146	MID L
M1312(YGT)	D10568	L1161	MID AFT-L LAV CALL	(B)		
		L1229	MID CTR-L LAV CALL	(A)		
M1157(YCG)	D812	L408	MID CTR-R LAV CALL	(C)	B145	MID R
		L1160	MID AFT-R LAV CALL	(B)		
		L1230	MID CTR-R LAV CALL	(A)		
M1186(YEC)	D814	L569	AFT-L LAV CALL	(B)	B148	AFT L
M1188(YEE)	D816	L568	AFT-R LAV CALL	(B)	B147	AFT R

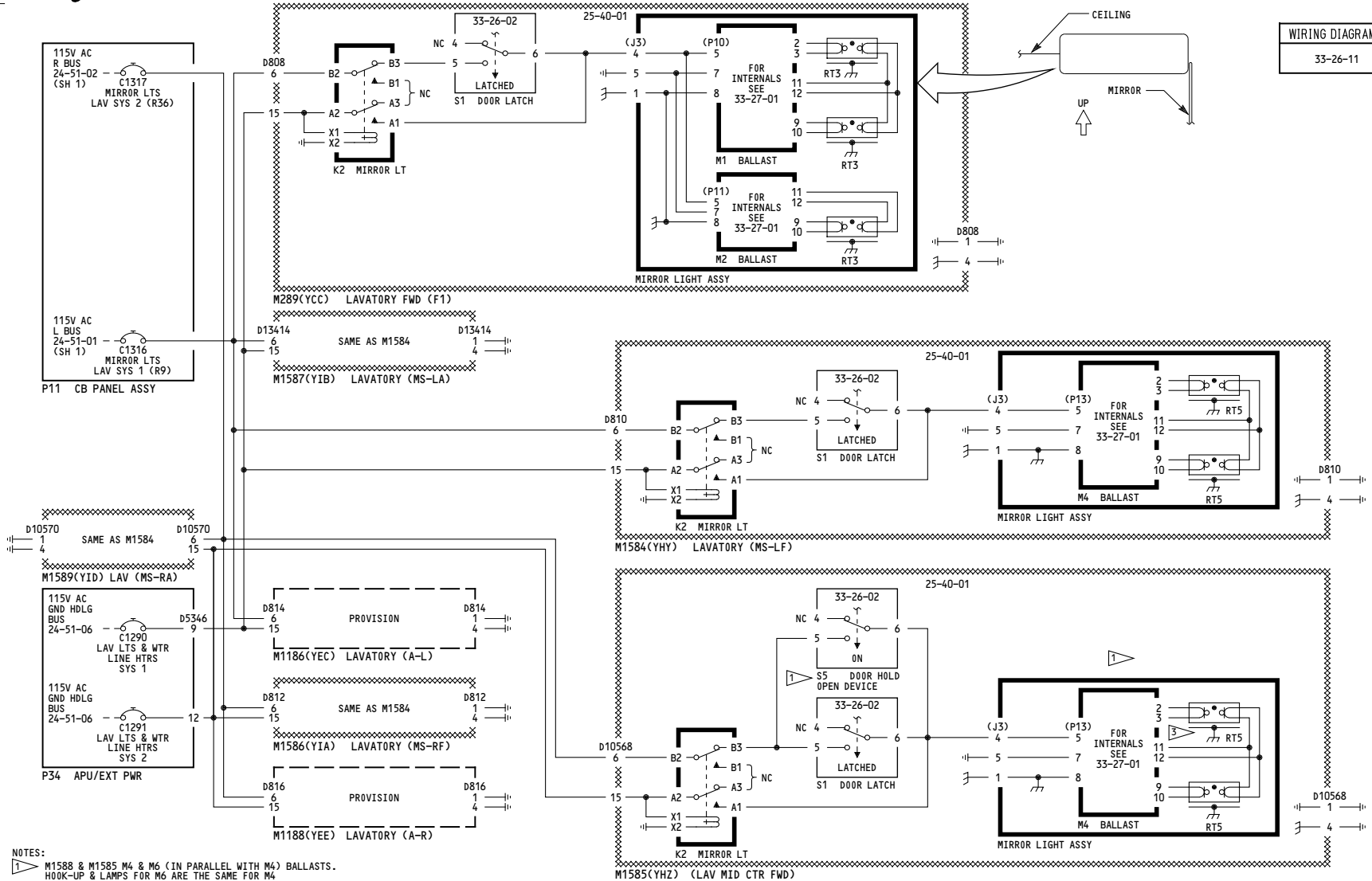
- NOTES:
- ▷ PROVISIONAL
  - △ CHIME
  - LAV CALL LIGHT

280-299	<b>LAVATORY CALL</b>
D280T232	



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WIRING DIAGRAMS  
33-26-11



NOTES:  
 1 M1588 & M1585 M4 & M6 (IN PARALLEL WITH M4) BALLASTS.  
 HOOK-UP & LAMPS FOR M6 ARE THE SAME FOR M4

050-099	<p><b>LAVATORY LIGHTS- MIRROR</b></p> <p>D280T232</p>
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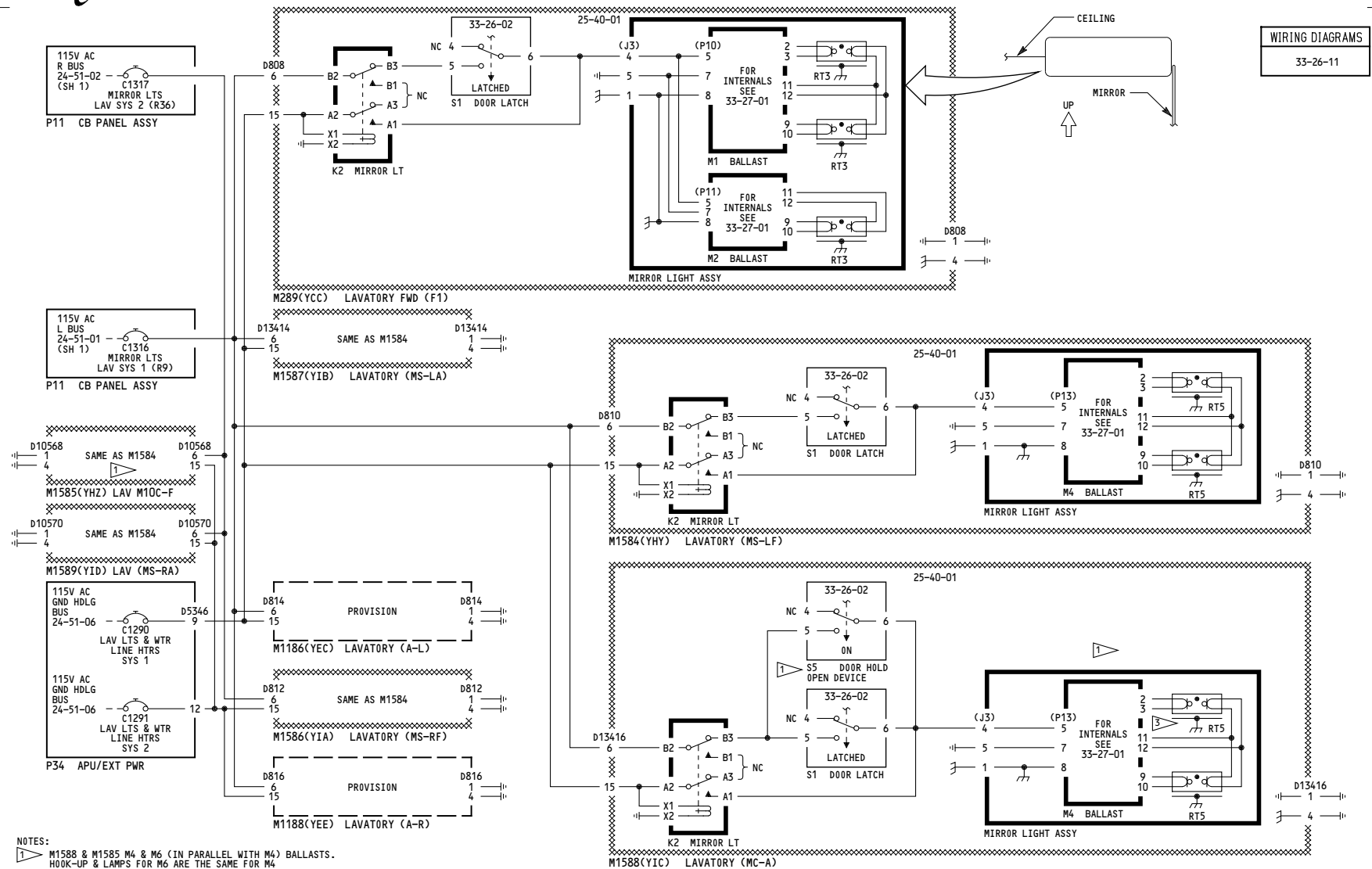
**33-26-01**

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WIRING DIAGRAMS  
33-26-11



NOTES:  
 1 M1588 & M1585 M4 & M6 (IN PARALLEL WITH M4) BALLASTS.  
 HOOK-UP & LAMPS FOR M6 ARE THE SAME FOR M4

150	<p><b>LAVATORY LIGHTS- MIRROR</b></p> <p style="text-align: right;">Incorporates 33-0037</p> <p style="text-align: center;">D280T232</p>
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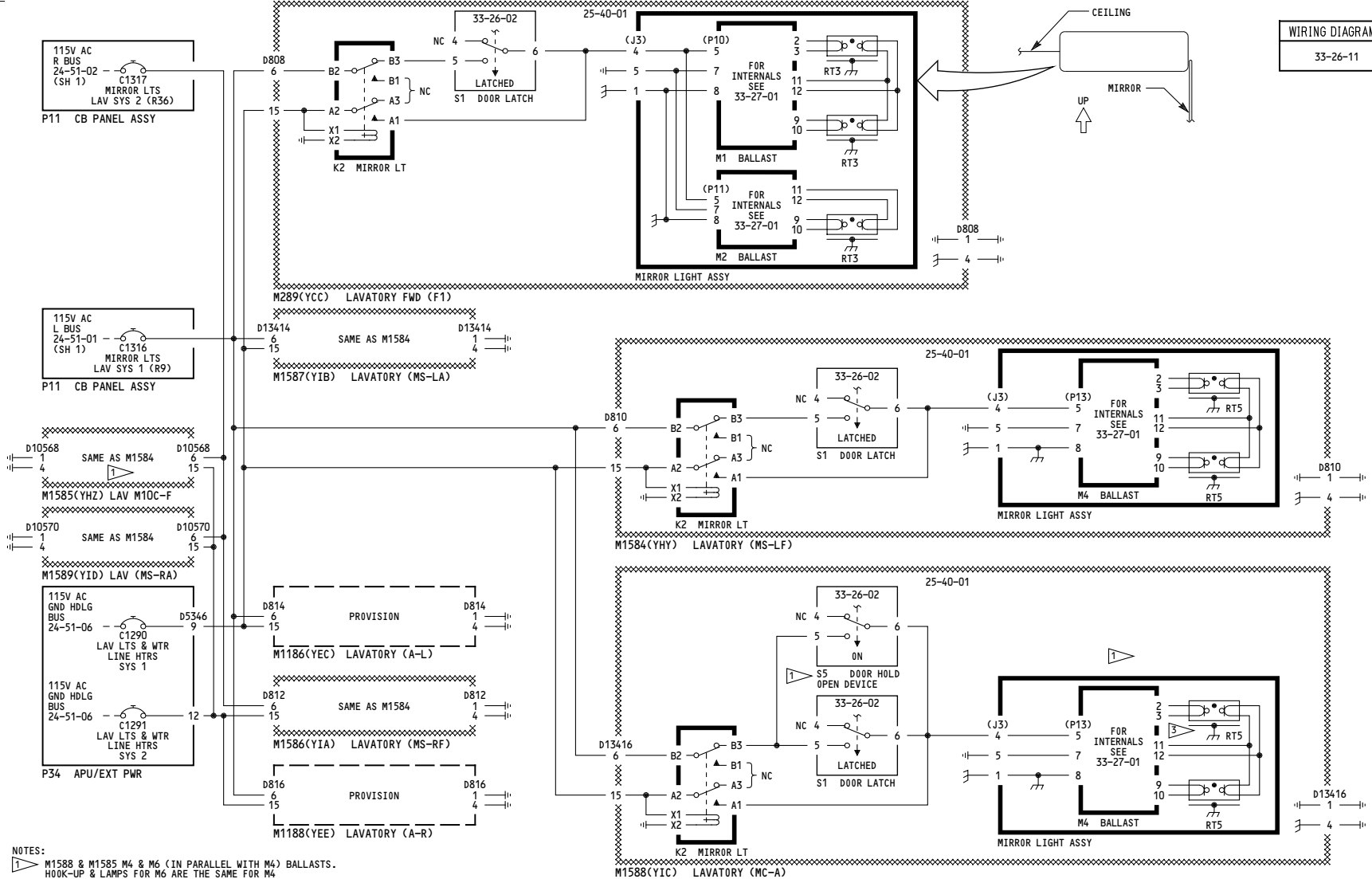
**33-26-01**

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-A  
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WIRING DIAGRAMS  
33-26-11



NOTES:  
 1 M1588 & M1585 M4 & M6 (IN PARALLEL WITH M4) BALLASTS.  
 HOOK-UP & LAMPS FOR M6 ARE THE SAME FOR M4

151-199	<b>LAVATORY LIGHTS- MIRROR</b>
D280T232	

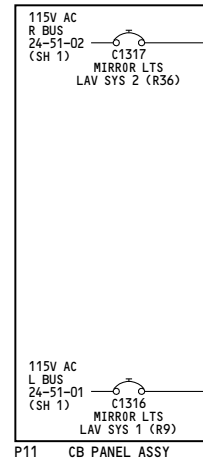
**33-26-01**

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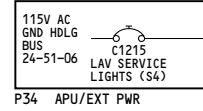
Jan 21/2005

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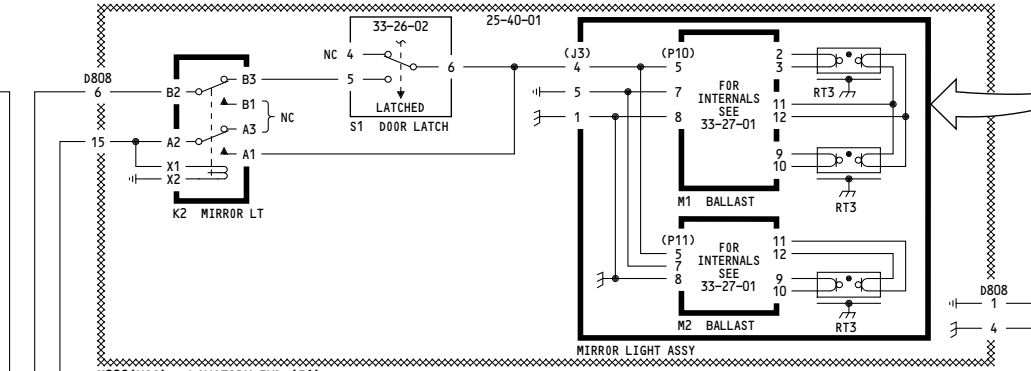
WIRING DIAGRAMS  
33-26-11



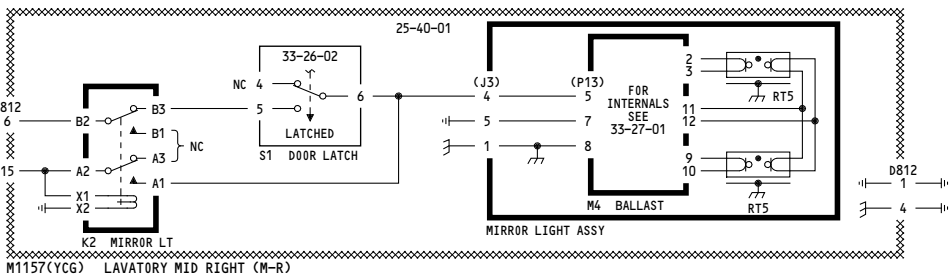
P11 CB PANEL ASSY



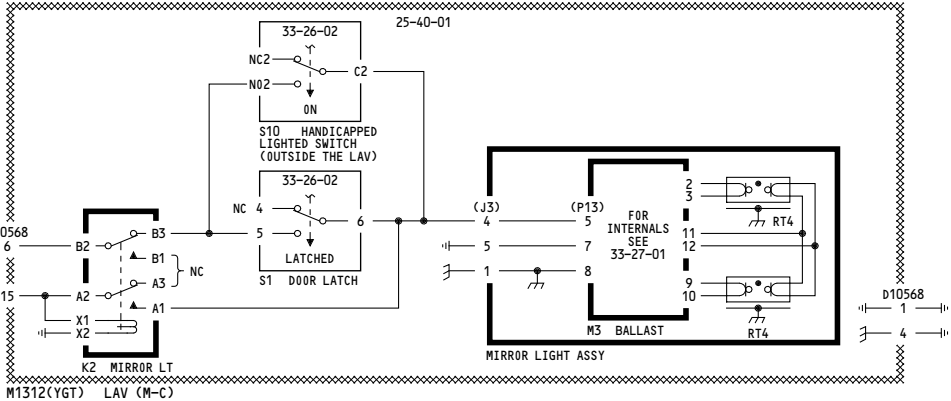
P34 APU/EXT PWR



M289(YCC) LAVATORY FWD (F1)



M1157(YCG) LAVATORY MID RIGHT (M-R)

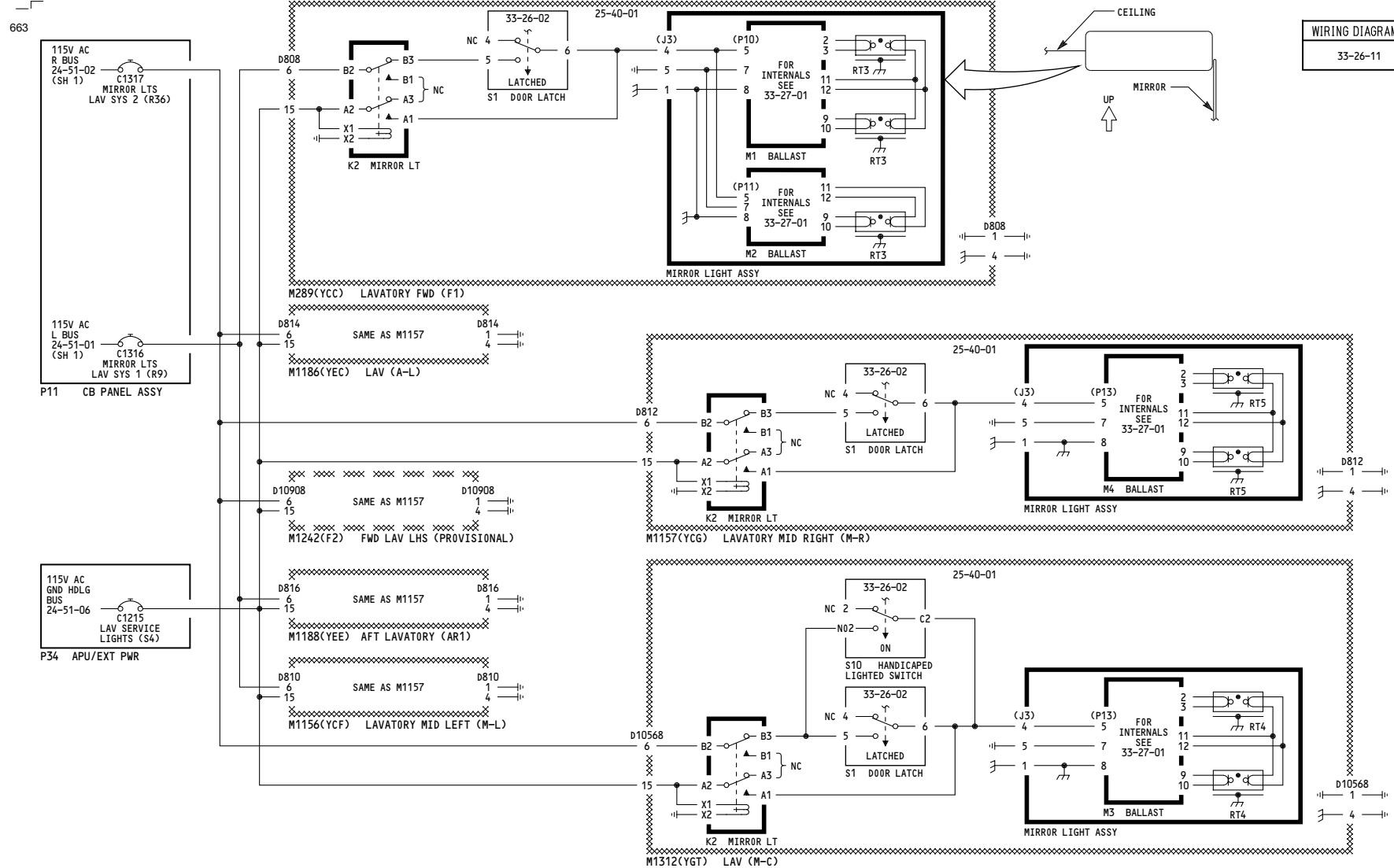


M1312(YGT) LAV (M-C)

275-278	<b>LAVATORY LIGHTS- MIRROR</b>
D280T232	

**33-26-01**

WIRING DIAGRAMS  
33-26-11

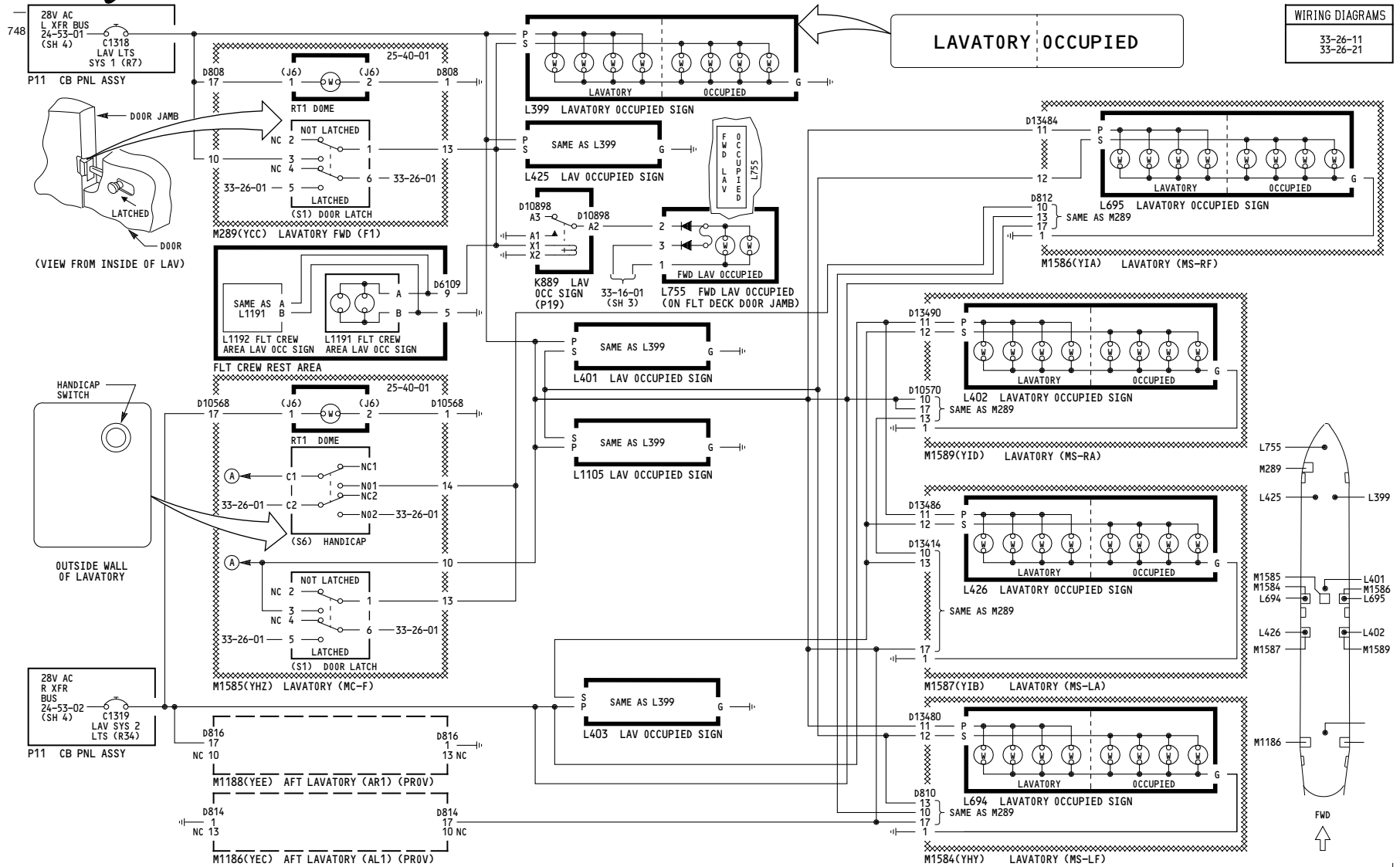


280-299

**LAVATORY LIGHTS-  
MIRROR**

D280T232

**33-26-01**



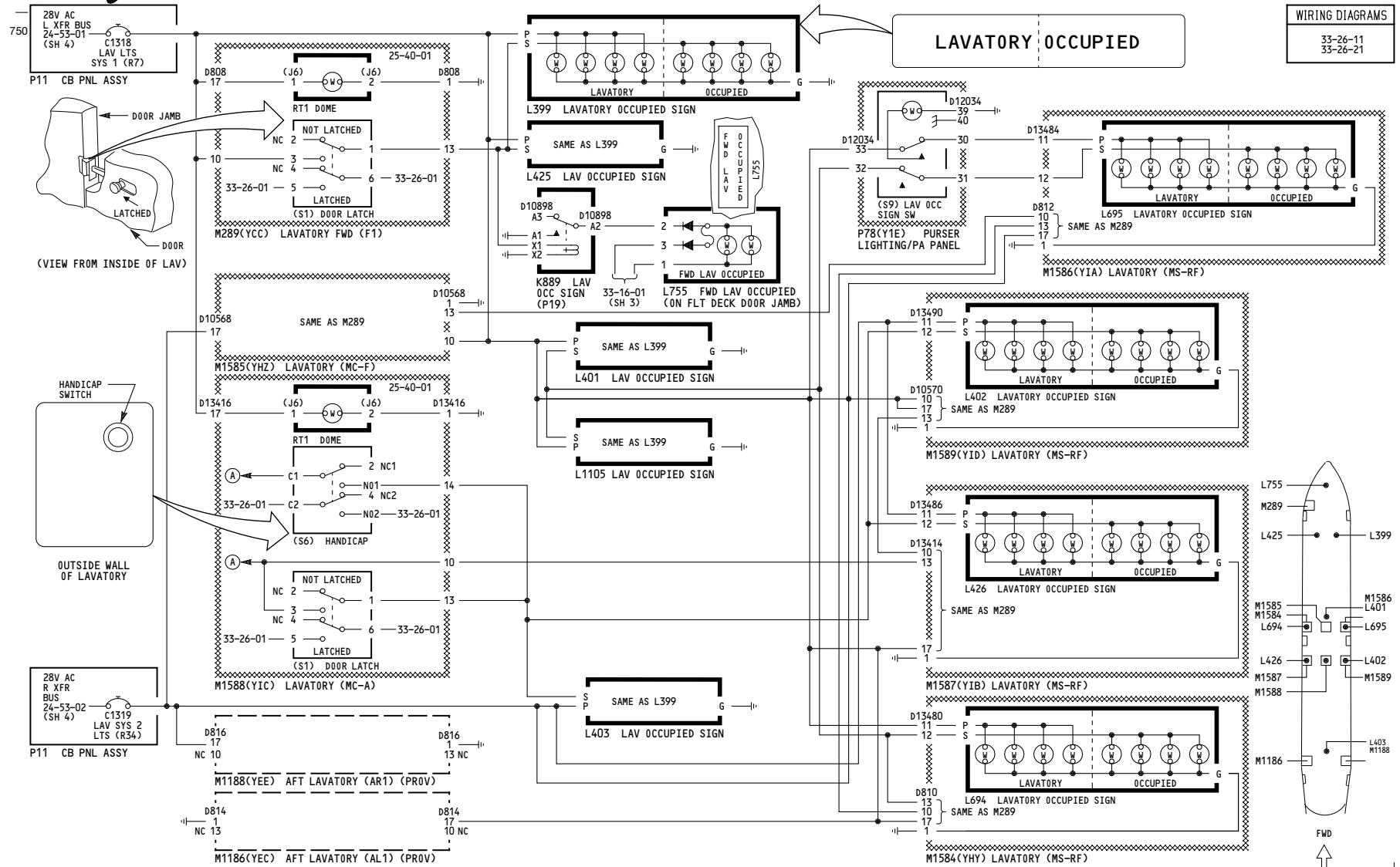
050-051

**LAVATORY LIGHTS-DOME AND OCCUPIED**

Incorporates  
 ▶ MTO 230541A  
 ▶ MTO 330286 R01

D280T232

**33-26-02**



150-154

**LAVATORY LIGHTS-DOME AND OCCUPIED**

**D280T232**

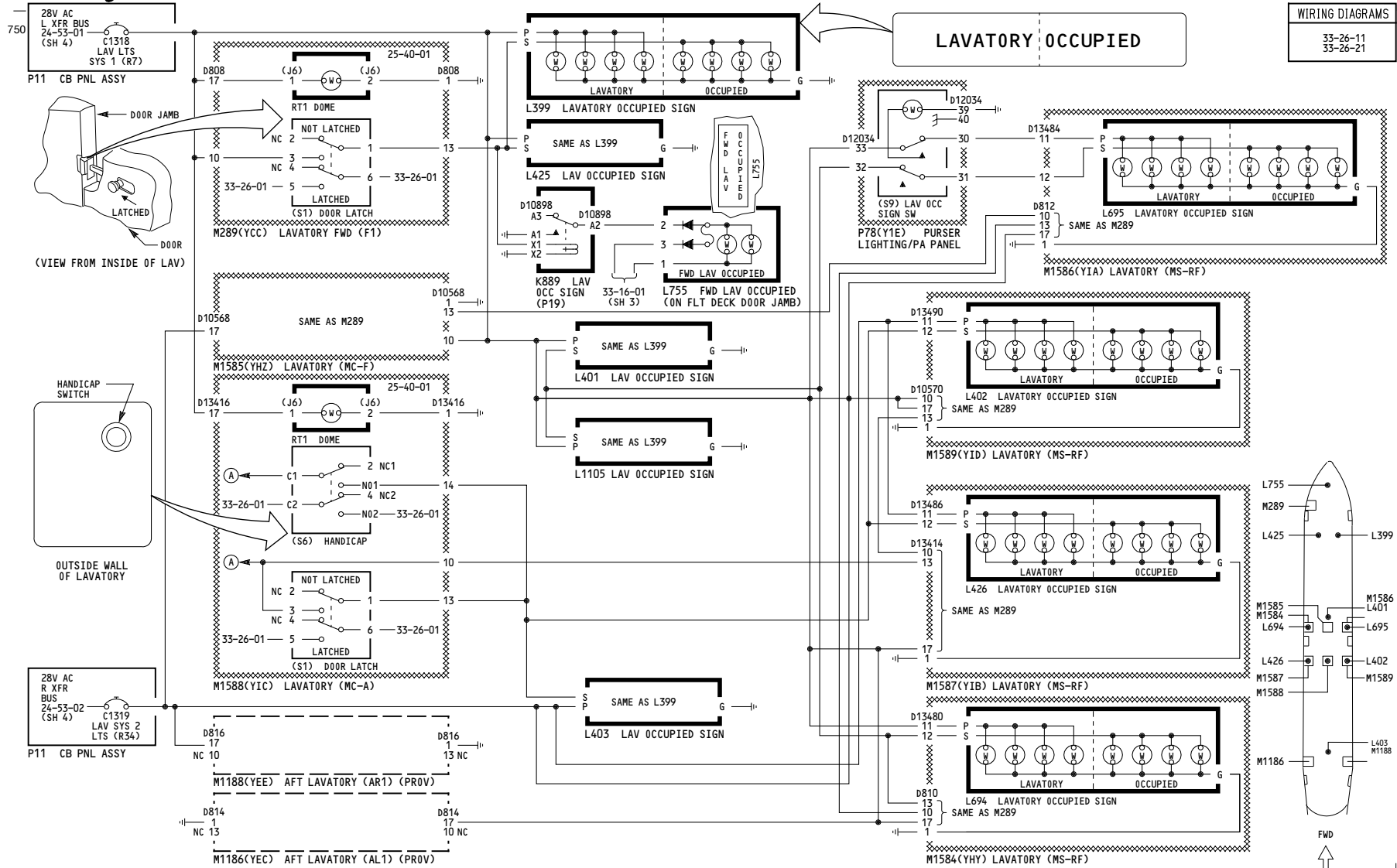
Incorporates  
MTO 330286

**33-26-02**

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WIRING DIAGRAMS  
33-26-11  
33-26-21



155

**LAVATORY LIGHTS-DOME AND OCCUPIED**

Incorporates  
MTO 330286 R01

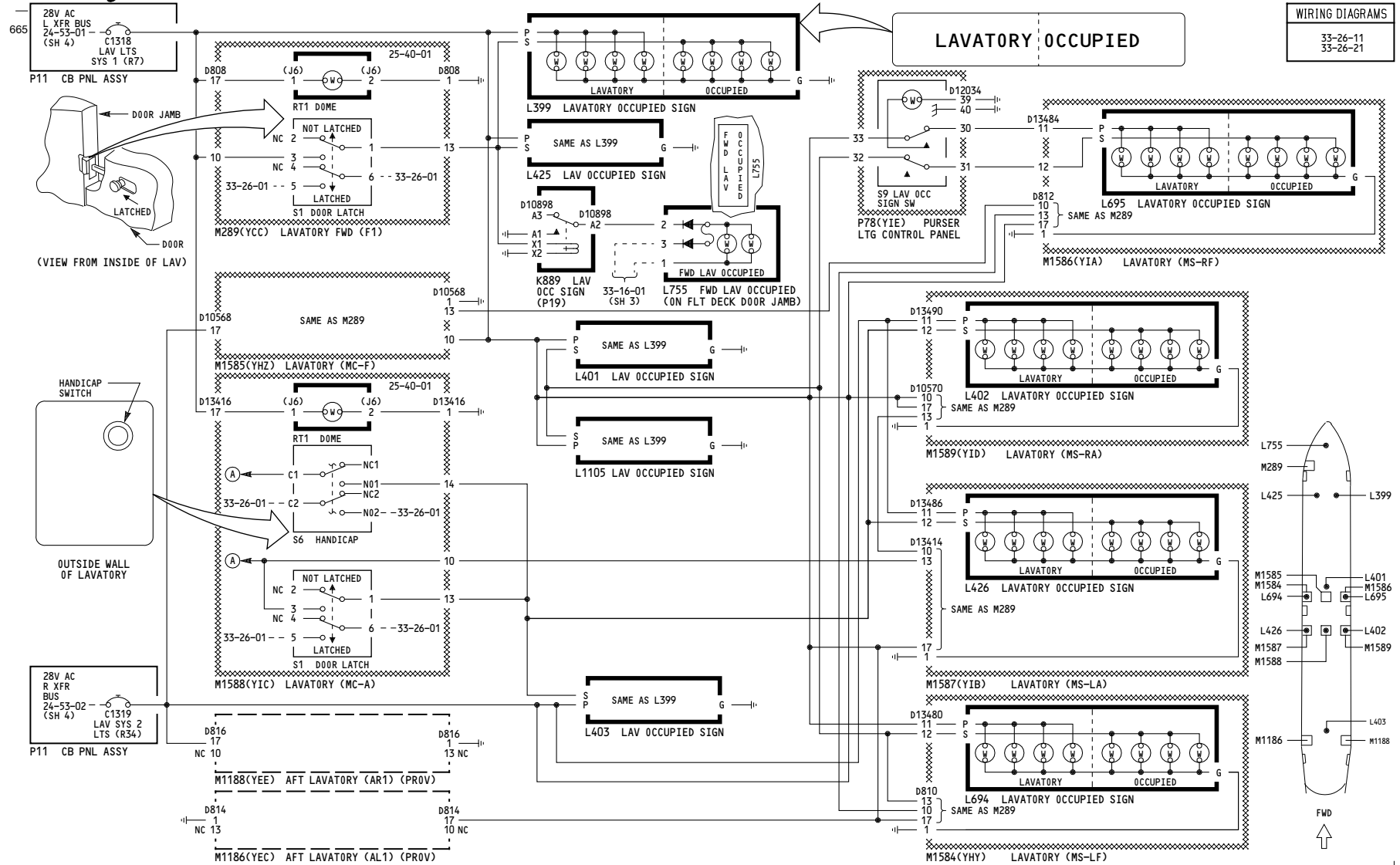
D280T232

**33-26-02**

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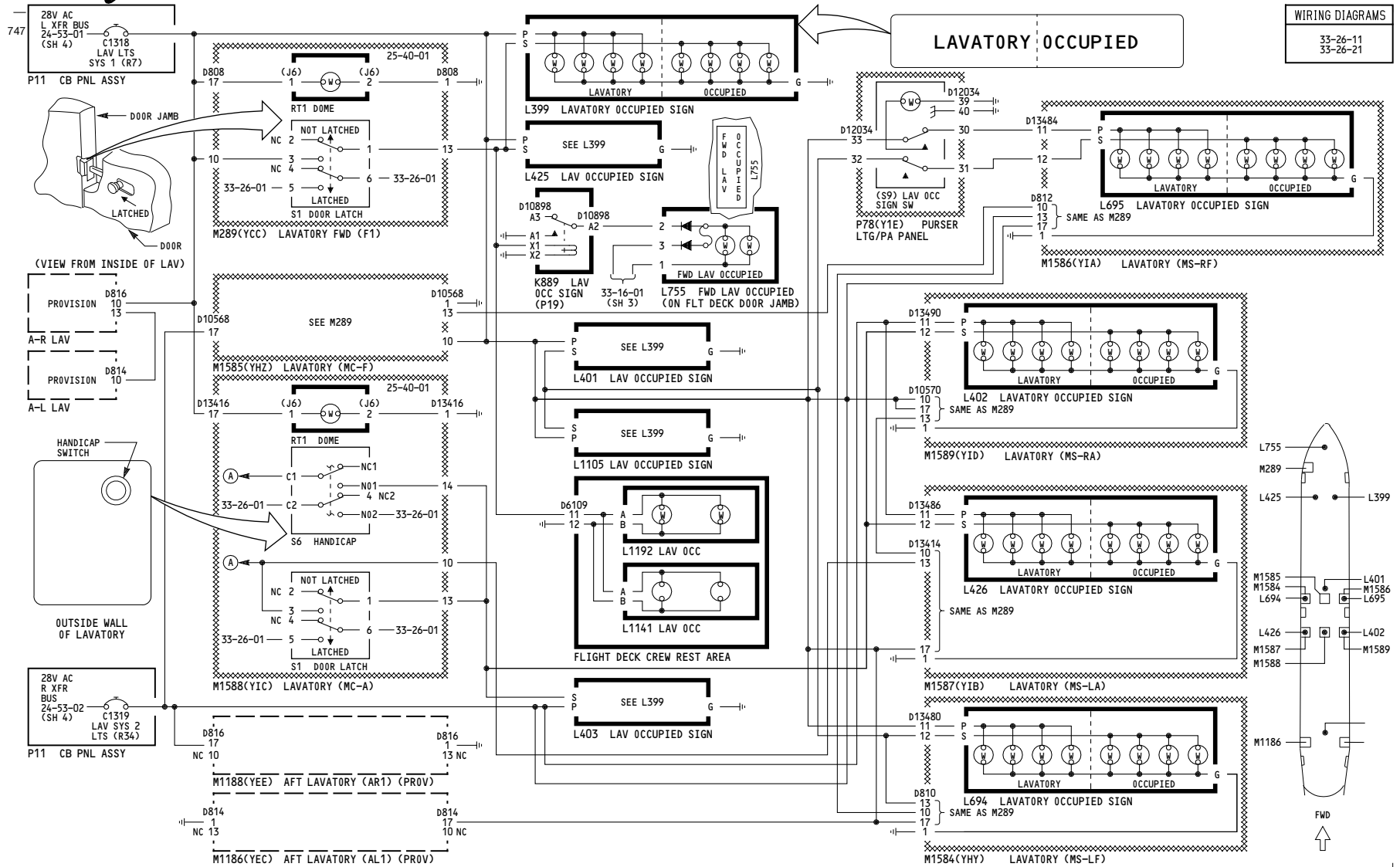
156-157

**LAVATORY LIGHTS-DOME AND OCCUPIED**

D280T232

**33-26-02**

WIRING DIAGRAMS  
33-26-11  
33-26-21



162-165

**LAVATORY LIGHTS-DOME AND OCCUPIED**

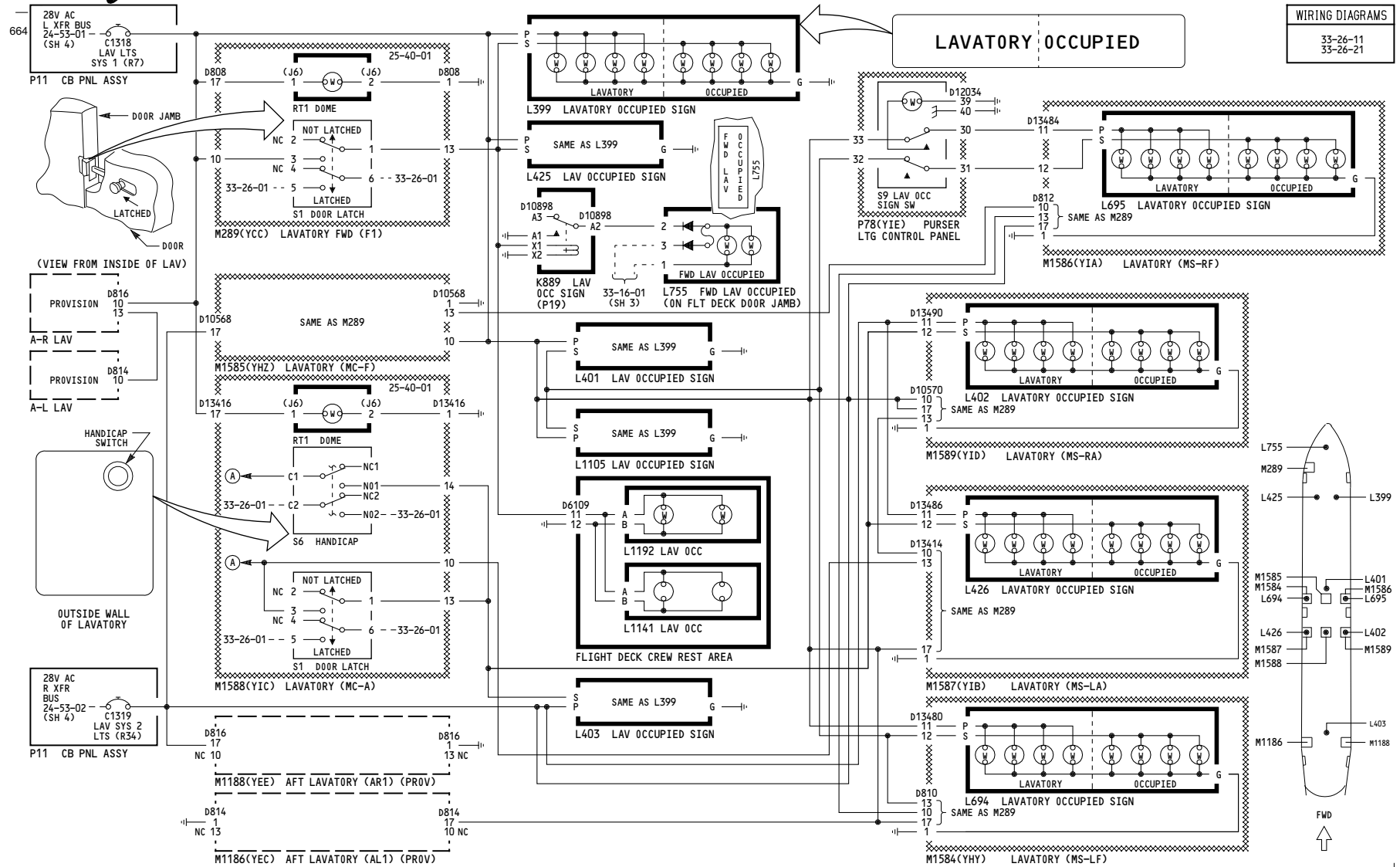
Incorporates MTO 330286

D280T232

**33-26-02**

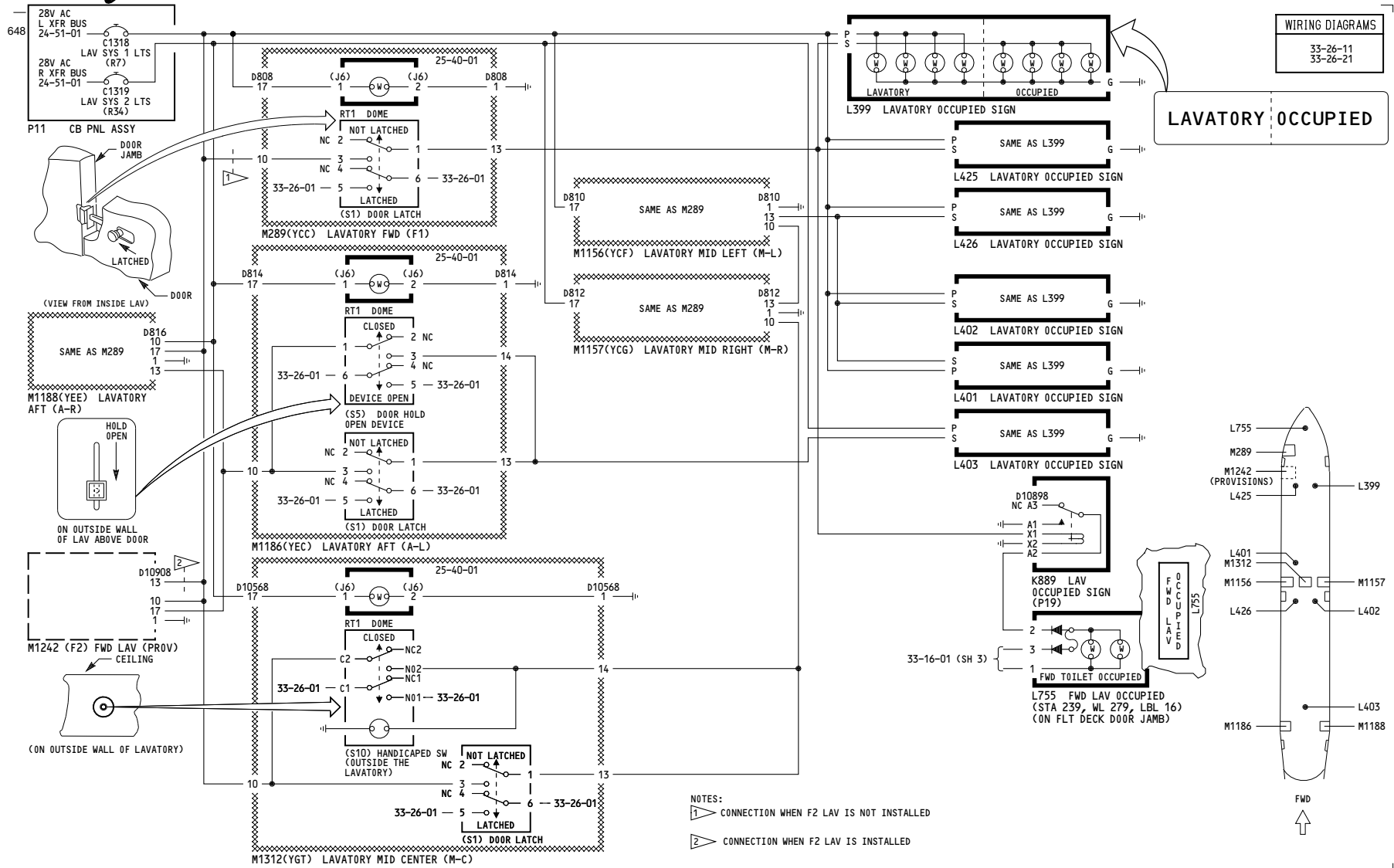
Page 105A

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166-199	<b>LAVATORY LIGHTS- DOME AND OCCUPIED</b>
D280T232	

**33-26-02**

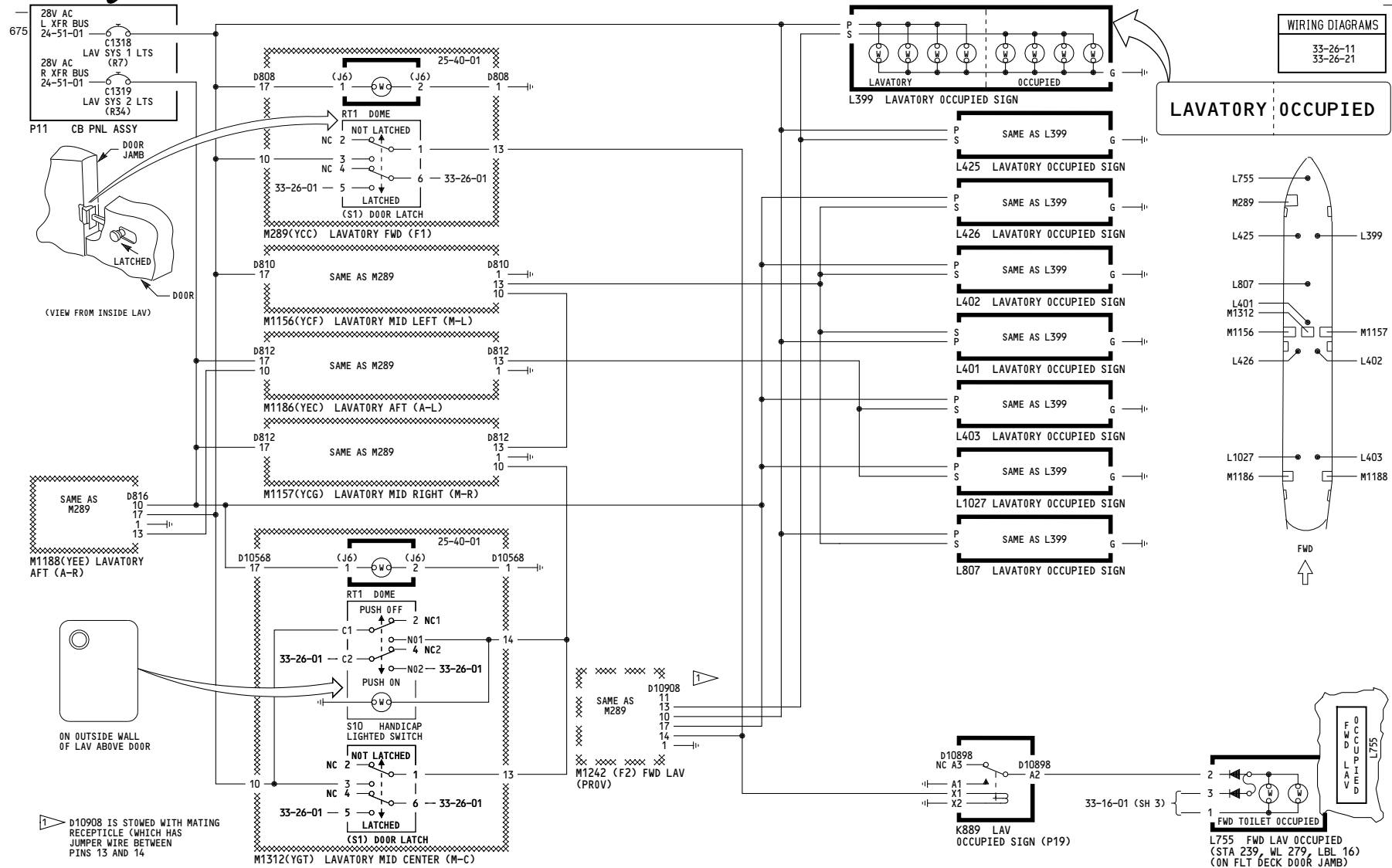


275-278

**LAVATORY LIGHTS-DOME AND OCCUPIED**

D280T232

**33-26-02**

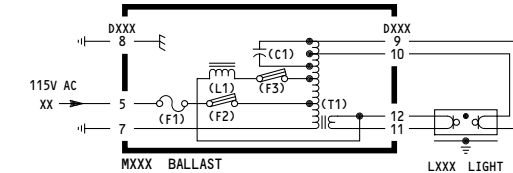
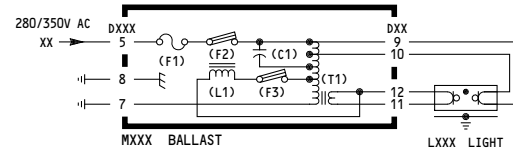
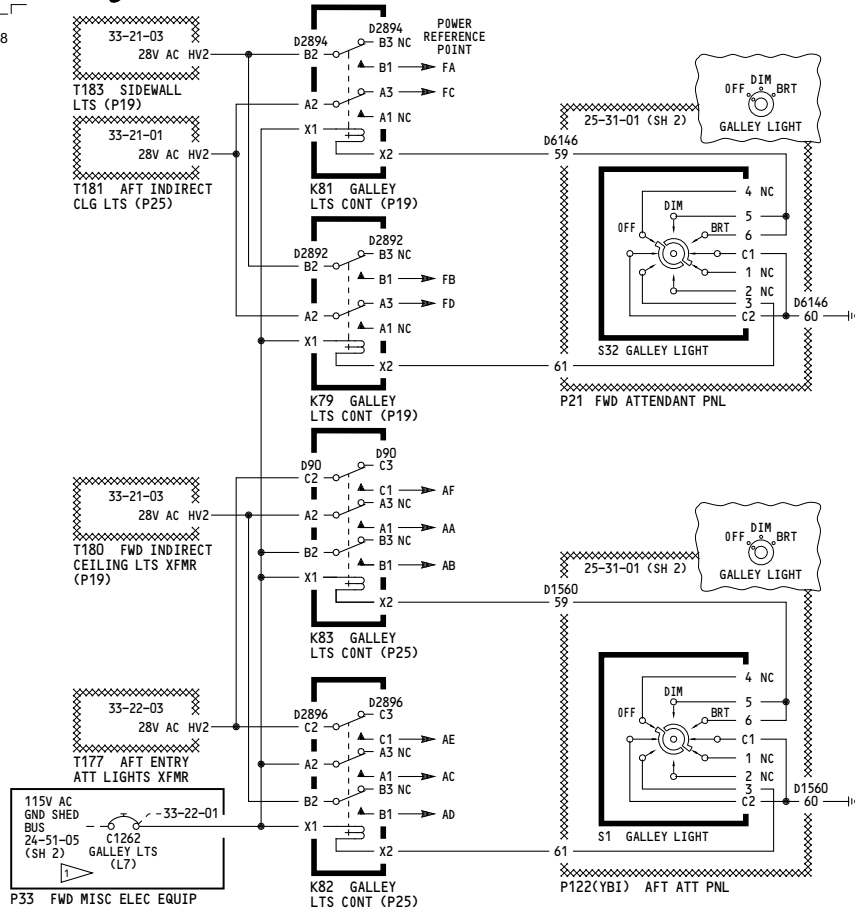


280-299	<b>LAVATORY LIGHTS- DOME AND OCCUPIED</b>
D280T232	

**33-26-02**

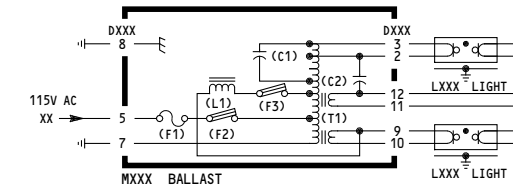
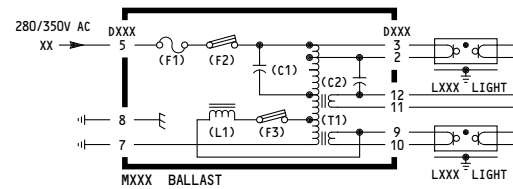
638

WIRING DIAGRAMS  
33-27-11



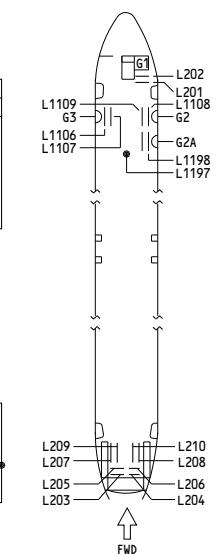
REF PT	POWER (V AC)	BALLAST		LIGHT	
		ITEM	CONN	ITEM	NOMENCLATURE
FA	280	M651	D2876	L202	FWD GALLEY
FB	280	M650	D2874	L201	
FB	280	M1598		L1105	
FB	280	M1600		L1108	
FA	280	M1599		L1107	
FA	280	M1601		L1109	
FC	28			L1198	
FD	28			L1197	

ONE LIGHT CIRCUITS



REF PT	POWER (V AC)	BALLAST		LIGHTS	
		ITEM	CONN	PIN 2,3	PIN 9,10
AA	280	M652	D2878	L204	L203
AB	115	M654	D2882	L208	L207
AC	115	M655	D2884	L209	L210
AD	280	M653	D2880	L205	L206

TWO LIGHT CIRCUITS



NOTES: ALL CONTROL SWITCHES ARE LOCATED ON GALLEY ELECTRICAL CONTROL PANELS.  
GALLEY WORK LIGHTS SHOWN ON:  
FWD - 25-31-01 (SH 4)  
AFT - 25-31-02 (SH 3)  
AFT - 25-31-03 (SH 3)

NOTES:  
1 VN156-VN170

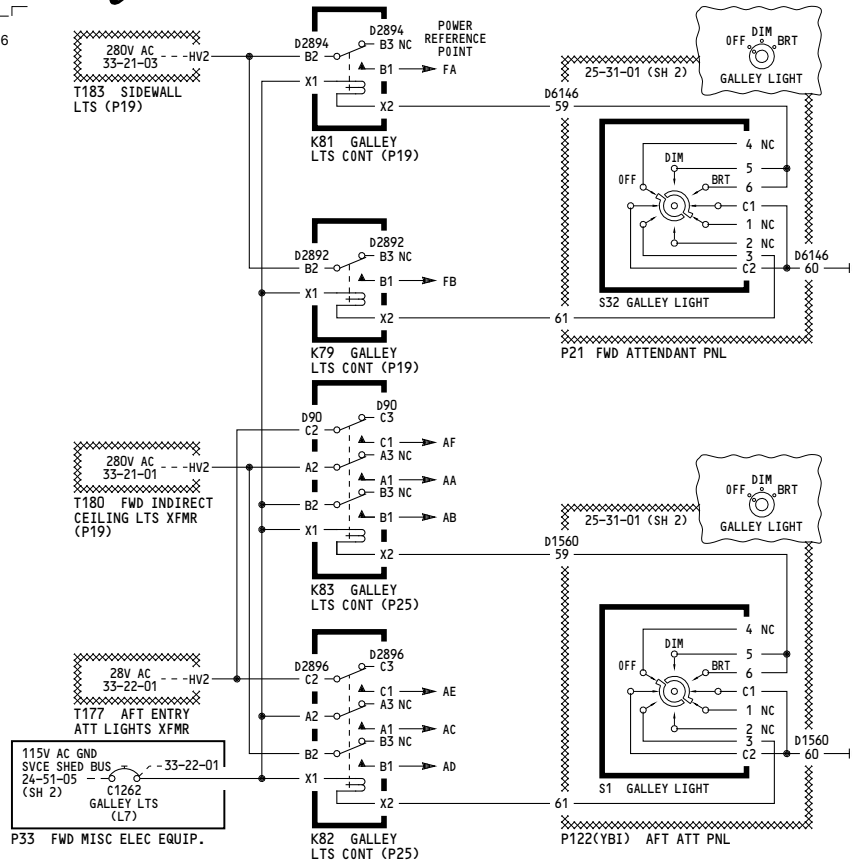
050-099	<b>GALLEY LIGHTS</b>
D280T232	

**33-27-01**

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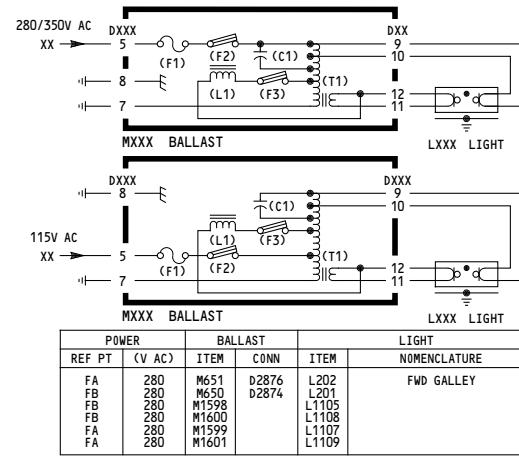
Jan 21/2005

636



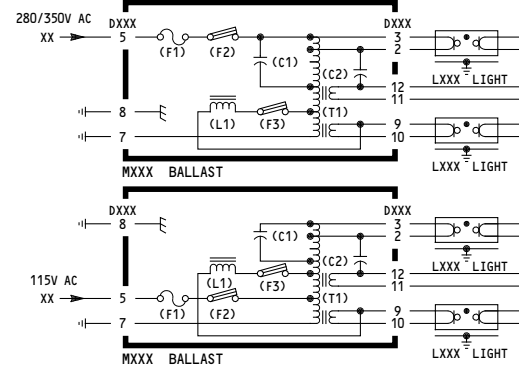
POWER REF PT	(V AC)	LIGHT	NOMENCLATURE
AE	28	L1138 L1140	GALLEY WORK LIGHT GALLEY WORK LIGHT
AF	28	L1139 L1141	GALLEY WORK LIGHT GALLEY WORK LIGHT

**GALLEY WORK LIGHT**



POWER REF PT	(V AC)	BALLAST ITEM	CONN	LIGHT ITEM	NOMENCLATURE
FA	280	M651	D2876	L202	FWD GALLEY
FB	280	M650	D2874	L201	
FB	280	M1598		L1105	
FA	280	M1600		L1108	
FA	280	M1599		L1107	
FA	280	M1601		L1109	

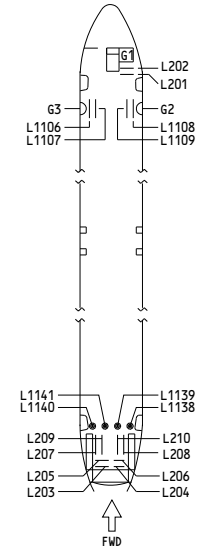
**ONE LIGHT CIRCUITS**



POWER REF PT	(V AC)	BALLAST ITEM	CONN	LIGHTS PIN 2,3	LIGHTS PIN 9,10	NOMENCLATURE
AA	280	M652	D2878	L204	L203	AFT GALLEY
AB	115	M654	D2882	L208	L207	
AC	115	M655	D2884	L209	L210	
AD	280	M653	D2880	L205	L206	

**TWO LIGHT CIRCUITS**

**WIRING DIAGRAMS**  
33-27-11



**NOTES:** ALL CONTROL SWITCHES ARE LOCATED ON GALLEY ELECTRICAL CONTROL PANELS.  
GALLEY WORK LIGHTS SHOWN ON:  
FWD - 25-31-01 (SH 4)  
AFT - 25-31-02 (SH 3)  
25-31-03 (SH 3)

150-157

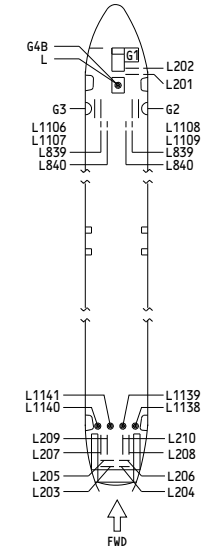
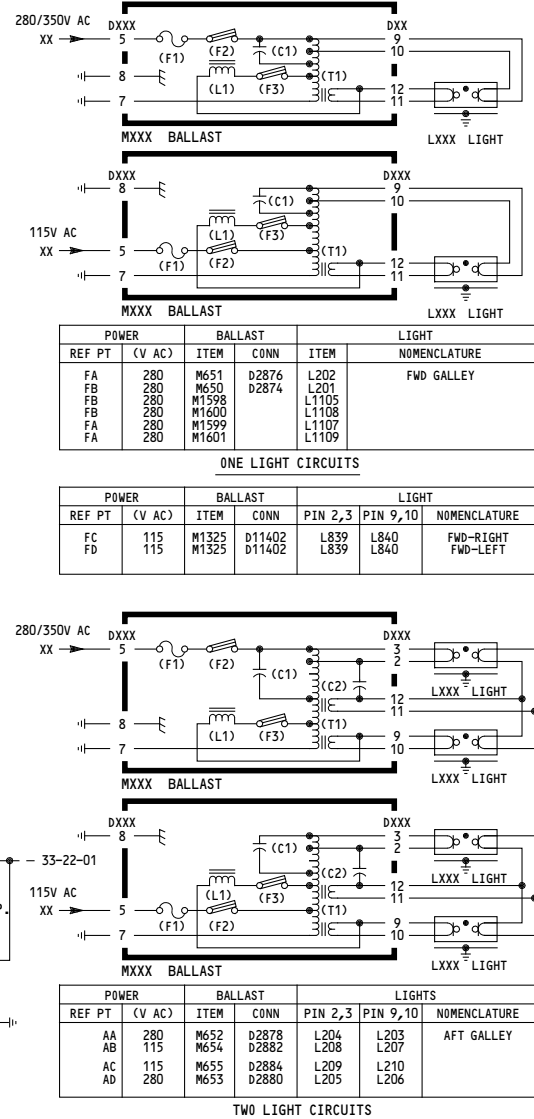
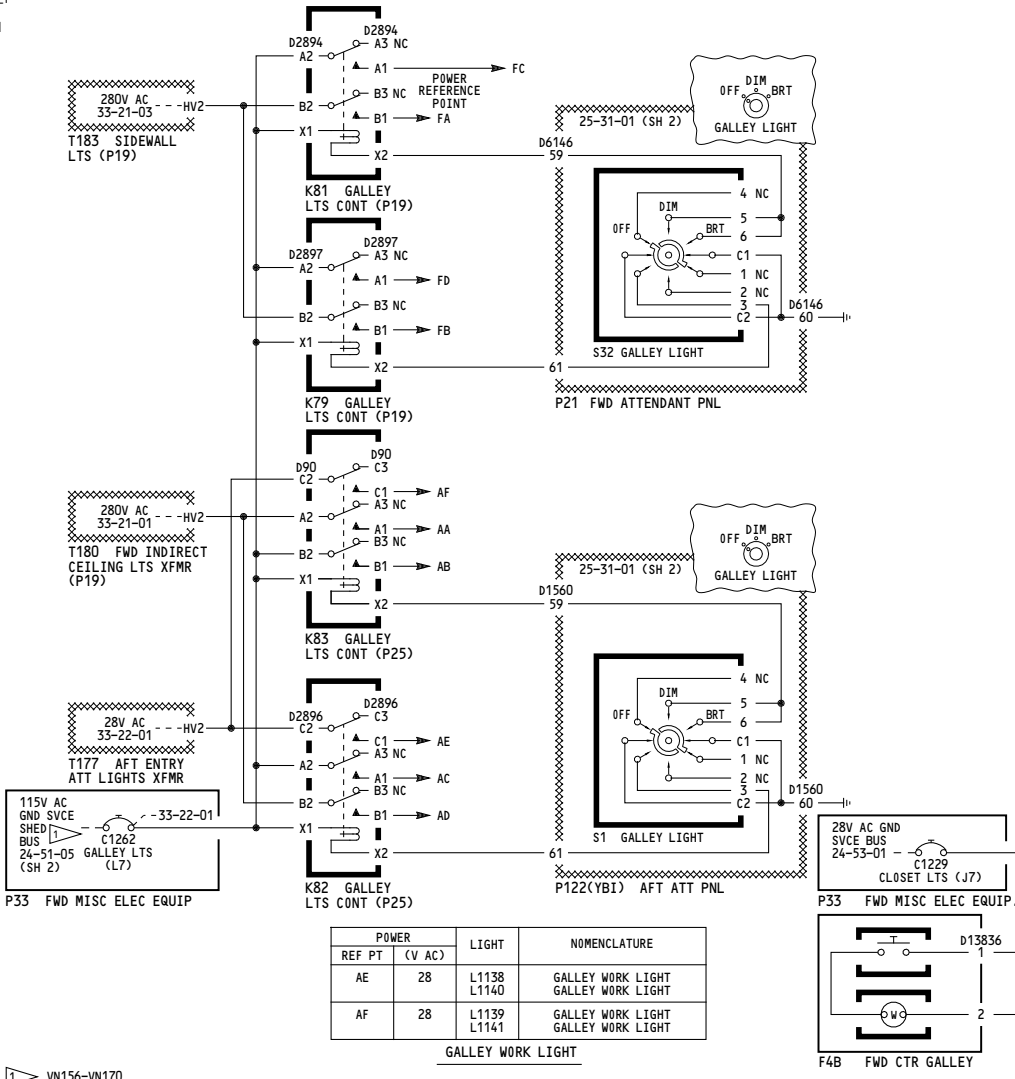
**GALLEY LIGHTS**

D280T232

**33-27-01**

641

WIRING DIAGRAMS  
33-27-11



NOTES: ALL CONTROL SWITCHES ARE LOCATED ON GALLEY ELECTRICAL CONTROL PANELS.  
GALLEY WORK LIGHTS SHOWN ON:  
FWD - 25-31-01 (SH 4)  
AFT - 25-31-02 (SH 3)  
25-31-03 (SH 3)

WN156-VN170

162-199	<b>GALLEY LIGHTS</b>
	D280T232

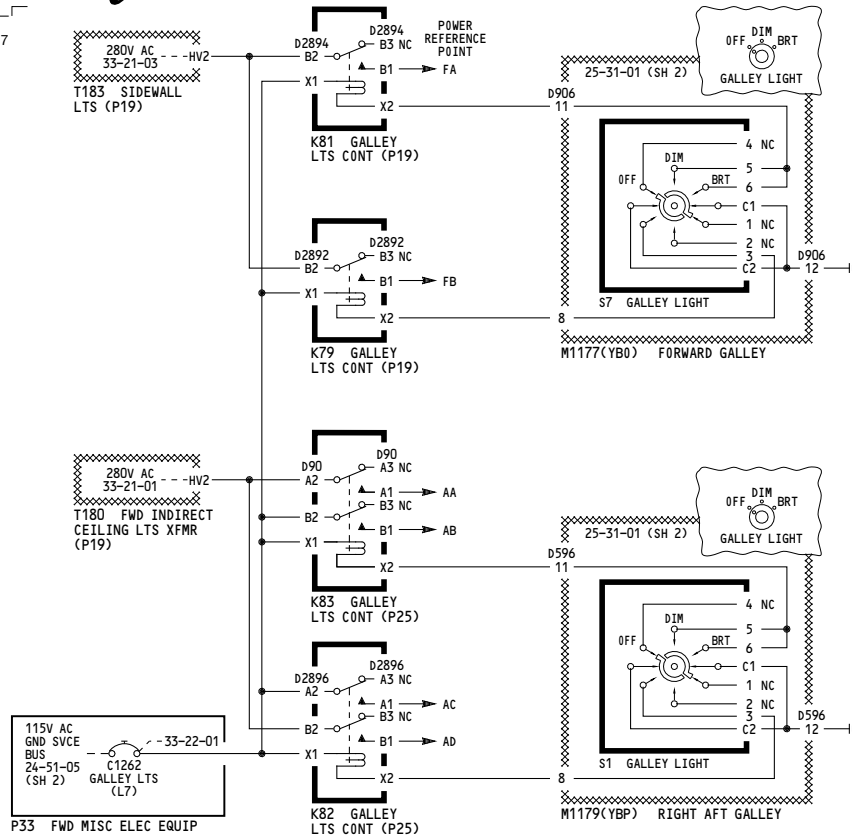
**33-27-01**

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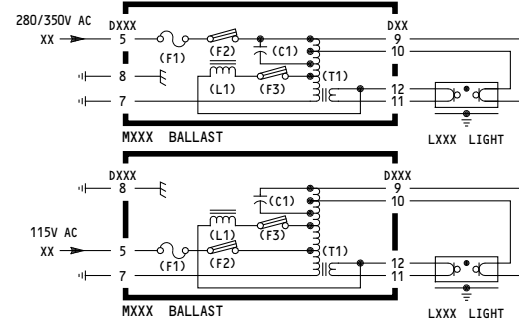


637



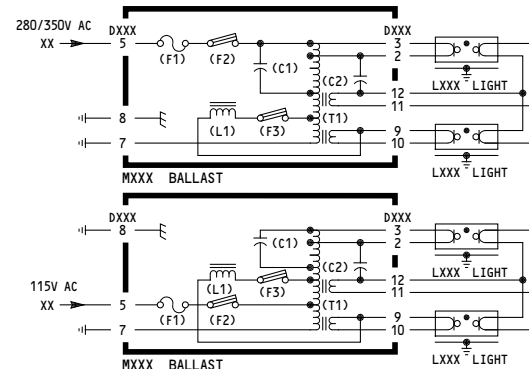
**767-200/300 SYSTEM SCHEMATIC MANUAL**

WIRING DIAGRAMS  
33-27-11



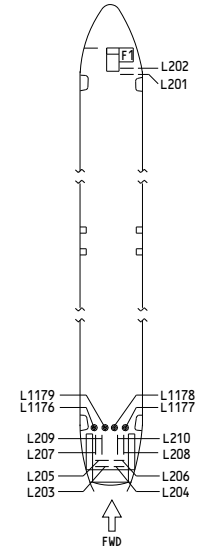
POWER REF PT	(V AC)	BALLAST ITEM	CONN	LIGHT ITEM	NOMENCLATURE
FA	280	M651	D2876	L202	FWD GALLEY
FB	280	M650	D2874	L201	FWD GALLEY

SINGLE LIGHT CIRCUITS



POWER REF PT	(V AC)	BALLAST ITEM	CONN	LIGHTS PIN 2,3	LIGHTS PIN 9,10	NOMENCLATURE
AA	280	M652	D2878	L204	L203	AFT GALLEY
AB	115	M654	D2882	L208	L207	AFT GALLEY
AC	115	M655	D2884	L209	L210	AFT GALLEY
AD	280	M653	D2880	L205	L206	AFT GALLEY
AC	115	M1734	D2866	L1177	L1176	AFT GALLEY
AB	115	M1735	D2868	L1179	L1178	AFT GALLEY

TWO LIGHT CIRCUITS



NOTES: ALL CONTROL SWITCHES ARE LOCATED ON GALLEY ELECTRICAL CONTROL PANELS. GALLEY WORK LIGHTS SHOWN ON:  
FWD - 25-31-01 (SH 4)  
AFT - 25-31-02 (SH 3)  
25-31-03 (SH 3)

275-278	<b>GALLEY LIGHTS</b>
	D280T232

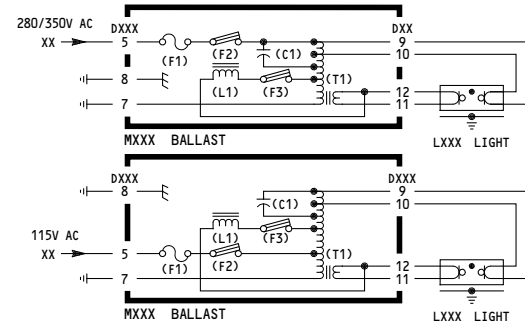
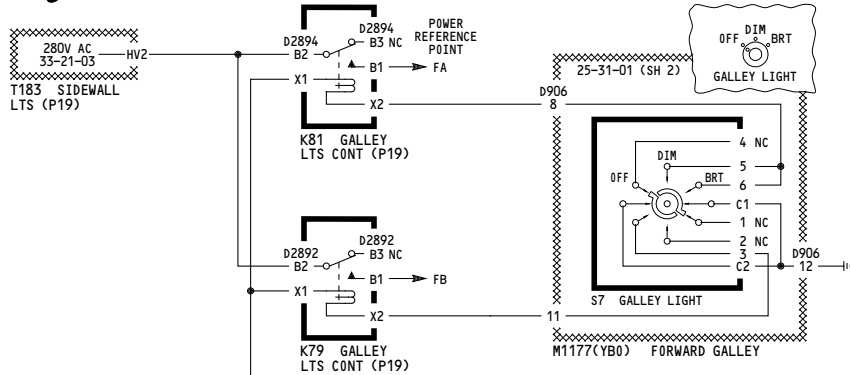
**33-27-01**

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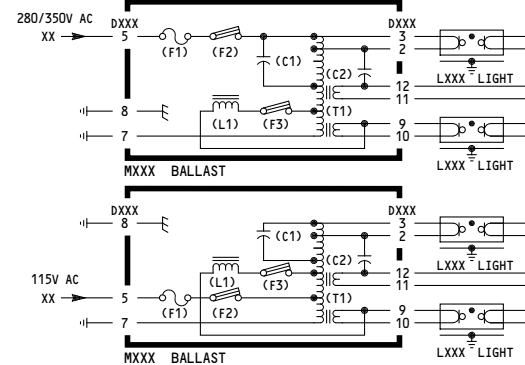
649

WIRING DIAGRAMS  
33-27-11



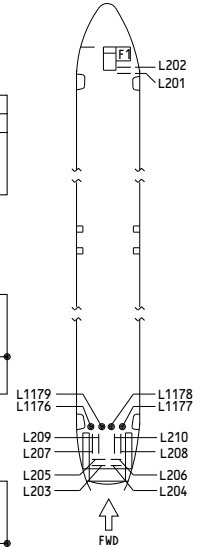
POWER REF PT	(V AC)	BALLAST ITEM	CONN	ITEM	LIGHT NOMENCLATURE
FA	280	M651	D2876	L202	FWD GALLEY
FB	280	M650	D2874	L201	

SINGLE LIGHT CIRCUITS

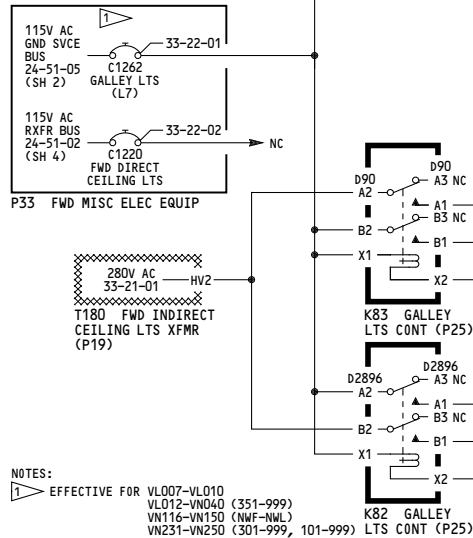


POWER REF PT	(V AC)	BALLAST ITEM	CONN	PIN 2,3	PIN 9,10	LIGHTS NOMENCLATURE
AA	280	M652	D2878	L204	L203	AFT GALLEY
AB	115	M654	D2882	L208	L207	
AC	115	M655	D2884	L209	L210	
AD	280	M653	D2880	L205	L206	
AC	115	M1734	D2866	L1177	L1176	
AB	115	M1735	D2868	L1179	L1178	

TWO LIGHT CIRCUITS



NOTES: ALL CONTROL SWITCHES ARE LOCATED ON GALLEY ELECTRICAL CONTROL PANELS. GALLEY WORK LIGHTS SHOWN ON:  
FWD - 25-31-01 (SH 4)  
AFT - 25-31-02 (SH 3)  
25-31-03 (SH 3)

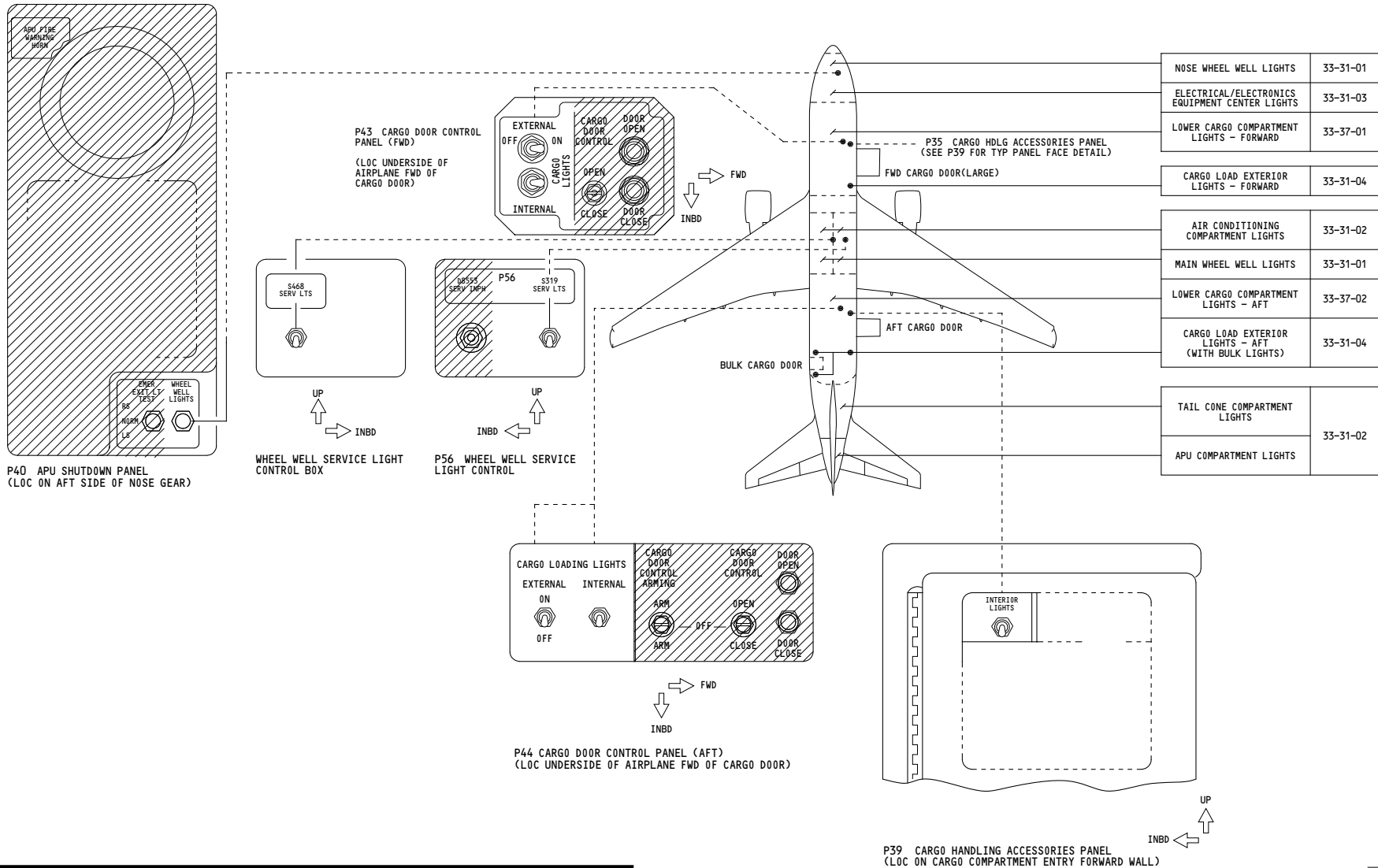


NOTES:  
EFFECTIVE FOR VL007-VL010  
VL012-VN040 (351-999)  
VN116-VN150 (NWF-NNL)  
VN231-VN250 (301-999, 101-999)

280-299	<b>GALLEY LIGHTS</b>
D280T232	

**33-27-01**

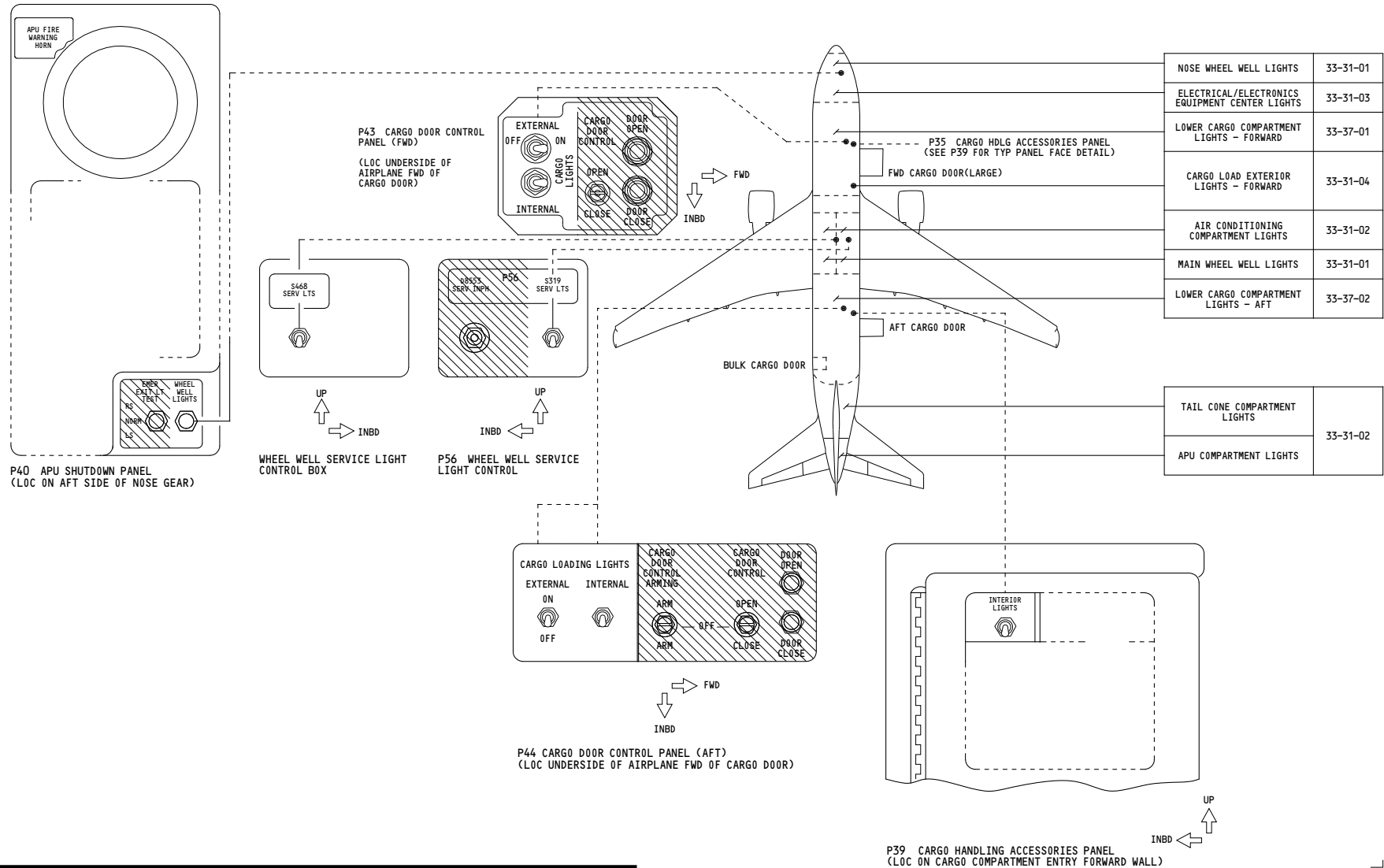
609



050-099, 150-199	<p><b>SERVICE LIGHTS- SIMPLIFIED</b></p> <p>D280T232</p>
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**33-30-00**

610



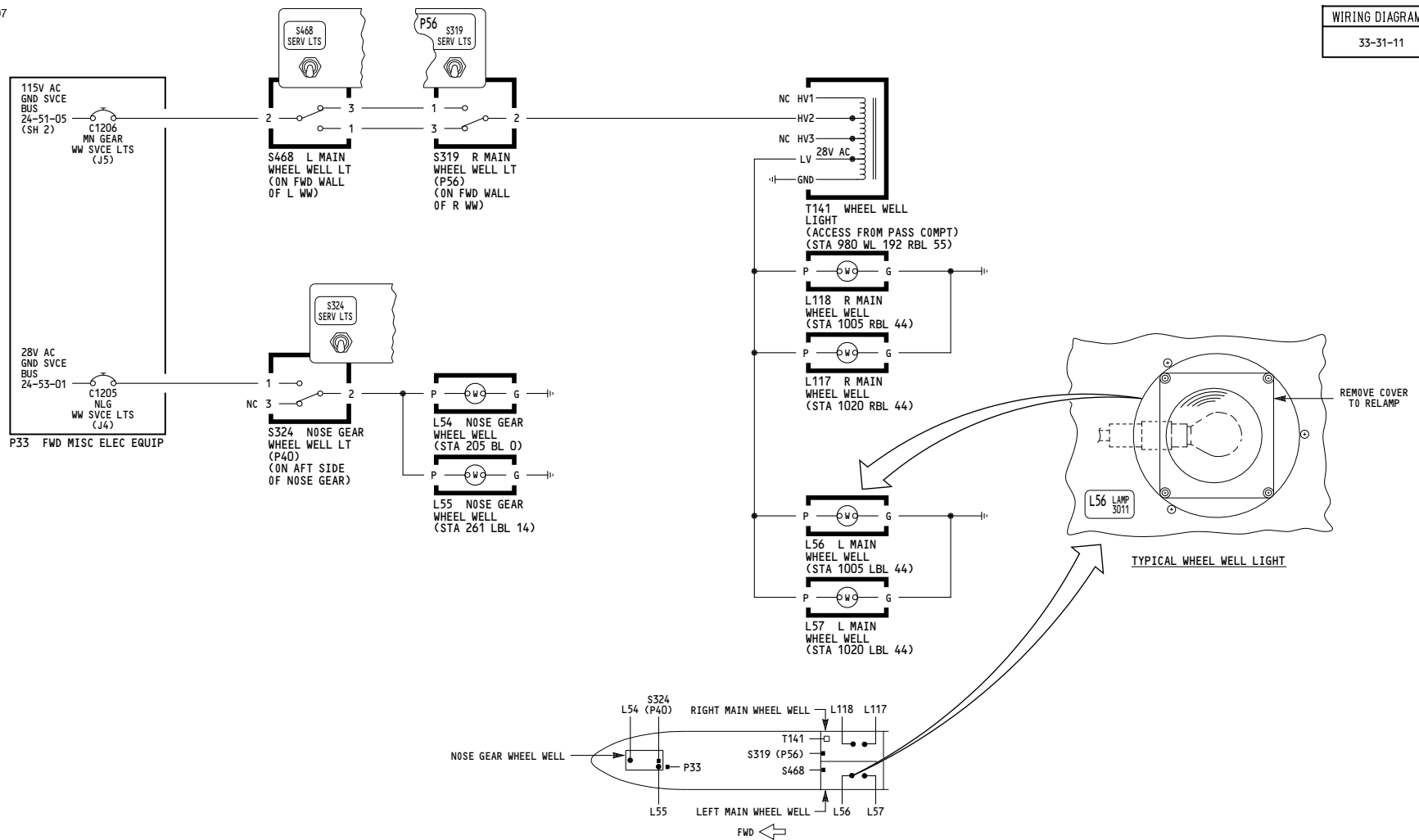
NOSE WHEEL WELL LIGHTS	33-31-01
ELECTRICAL/ELECTRONICS EQUIPMENT CENTER LIGHTS	33-31-03
LOWER CARGO COMPARTMENT LIGHTS - FORWARD	33-37-01
CARGO LOAD EXTERIOR LIGHTS - FORWARD	33-31-04
AIR CONDITIONING COMPARTMENT LIGHTS	33-31-02
MAIN WHEEL WELL LIGHTS	33-31-01
LOWER CARGO COMPARTMENT LIGHTS - AFT	33-37-02
TAIL CONE COMPARTMENT LIGHTS	33-31-02
APU COMPARTMENT LIGHTS	

280-299	<b>SERVICE LIGHTS-SIMPLIFIED</b>
	D280T232

**33-30-00**

607

WIRING DIAGRAMS  
33-31-11



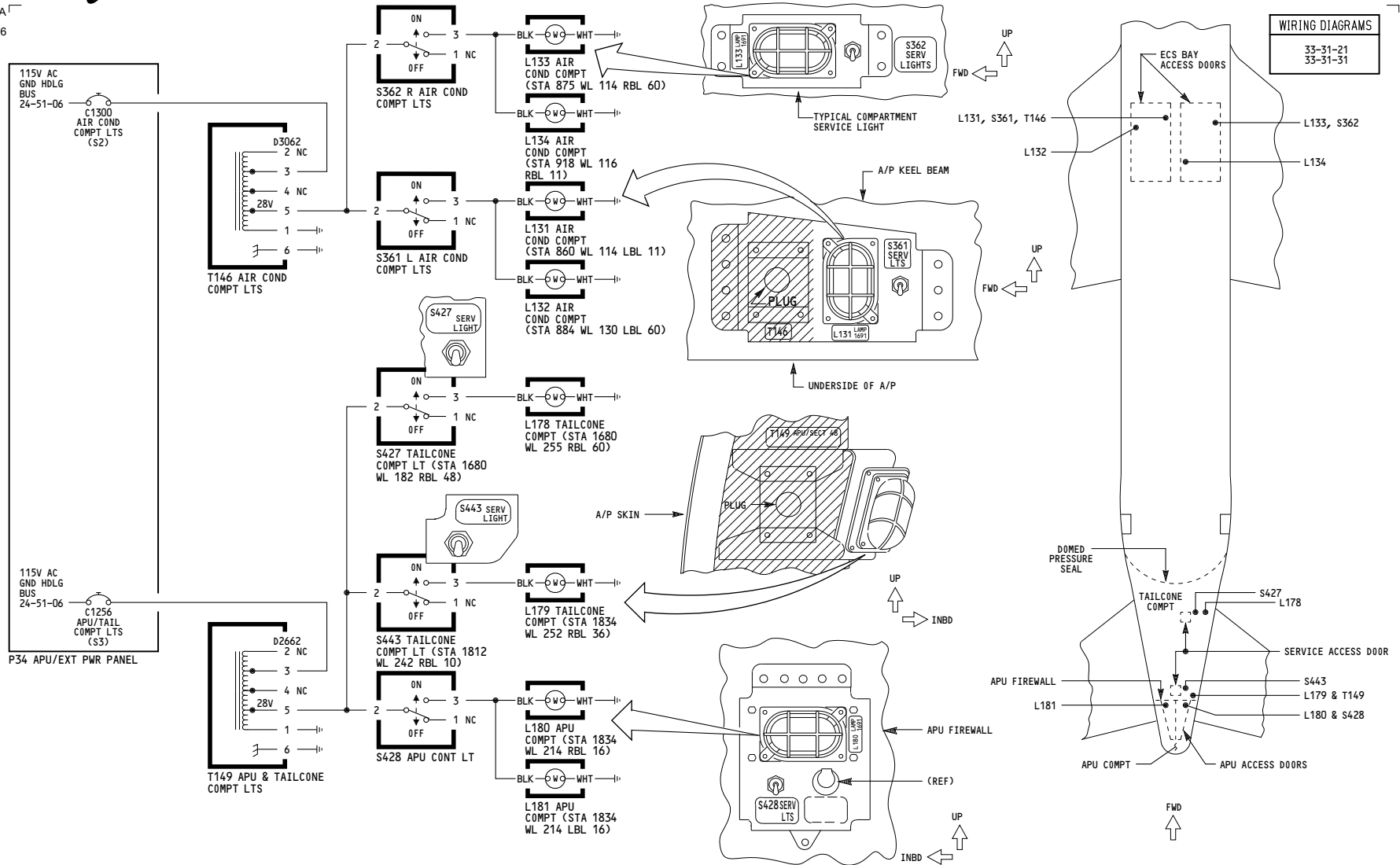
ALL	<p><b>WHEEL WELL LIGHTS</b></p> <p>D280T232</p>
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**33-31-01**

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ALL

**AIR CONDITIONING AUX  
POWER UNIT AND TAIL CONE  
COMPARTMENT LIGHTS**

D280T232

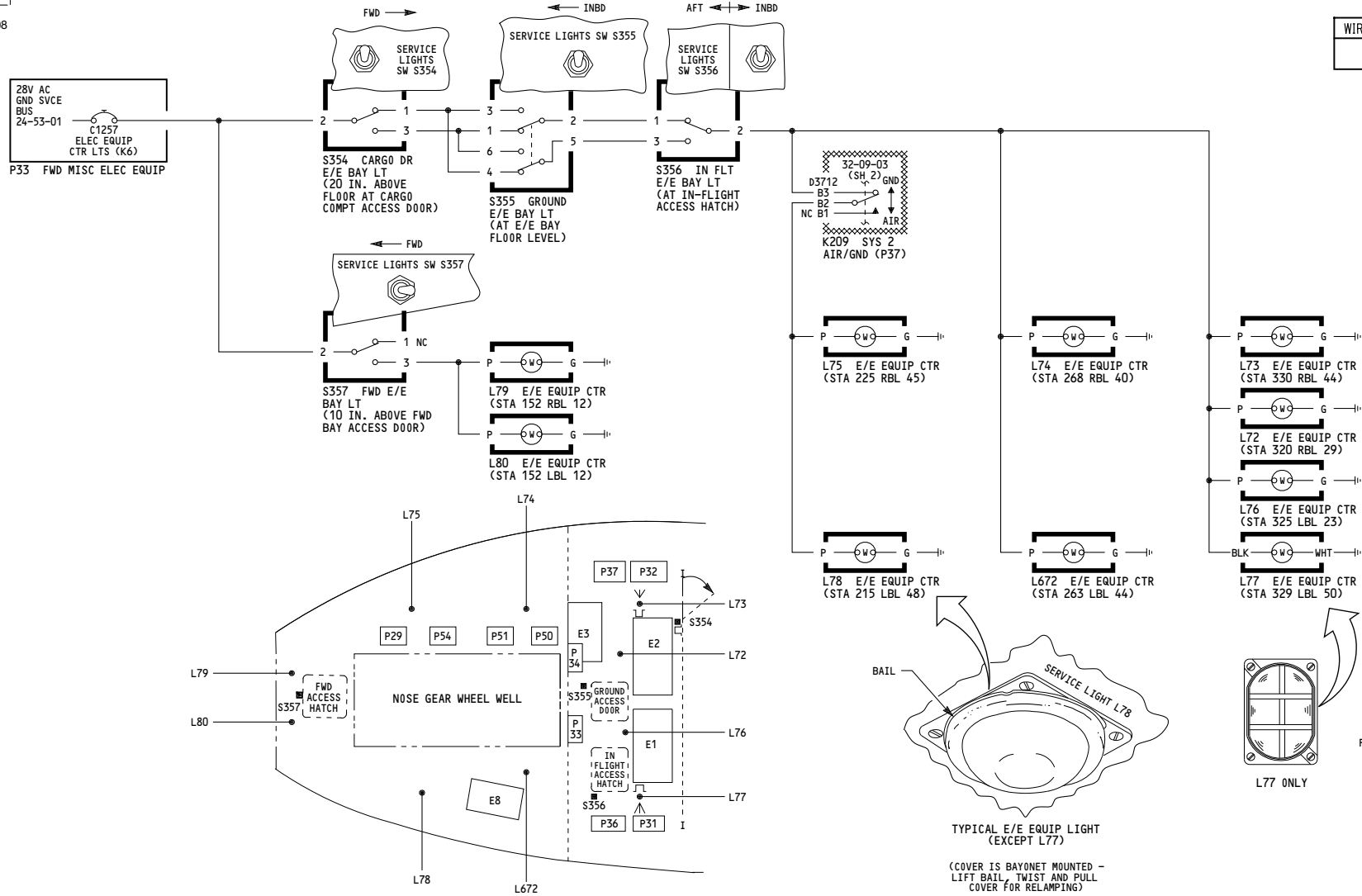
**33-31-02**

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WIRING DIAGRAMS  
33-31-41



ALL

**ELECTRICAL AND ELECTRONIC EQUIPMENT CENTER LIGHTS**

D280T232

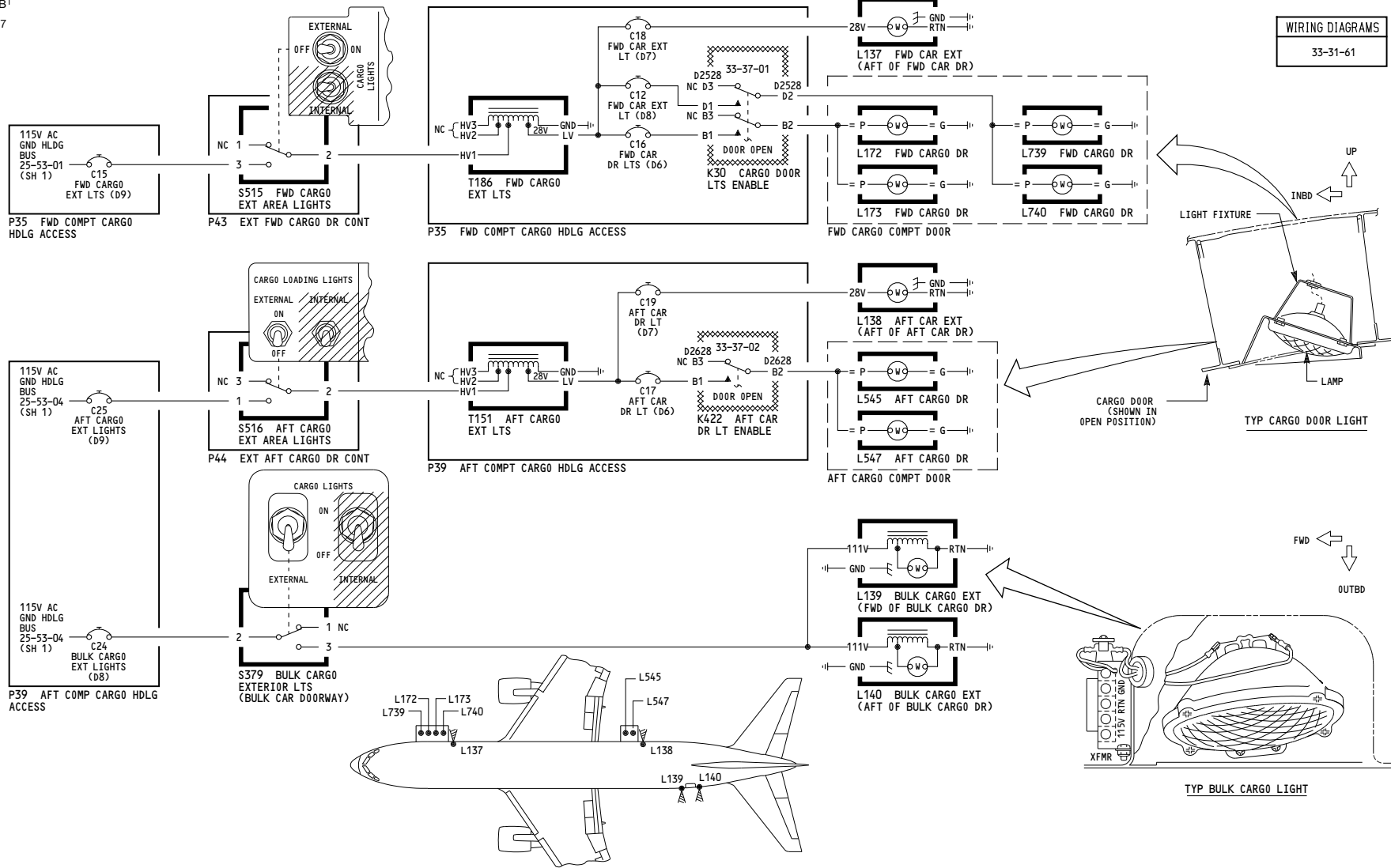
**33-31-03**

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-B  
607

WIRING DIAGRAMS  
33-31-61



050-099, 150-199

**CARGO LOAD  
EXTERIOR LIGHTS**

D280T232

**33-31-04**

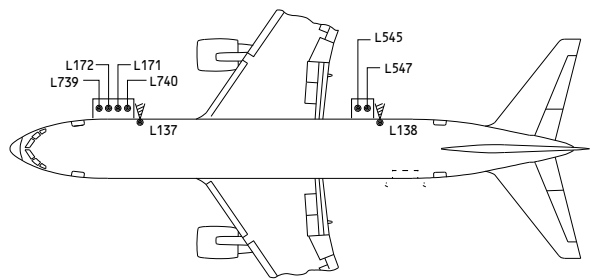
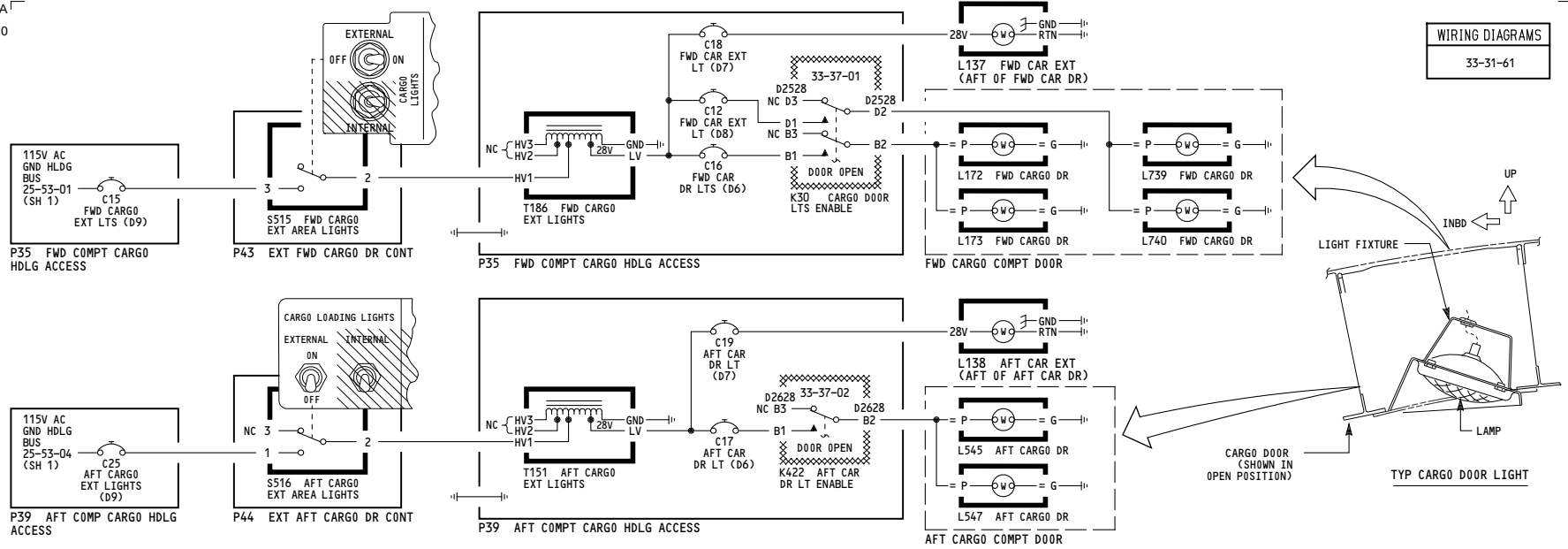
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-A  
610

WIRING DIAGRAMS  
33-31-61



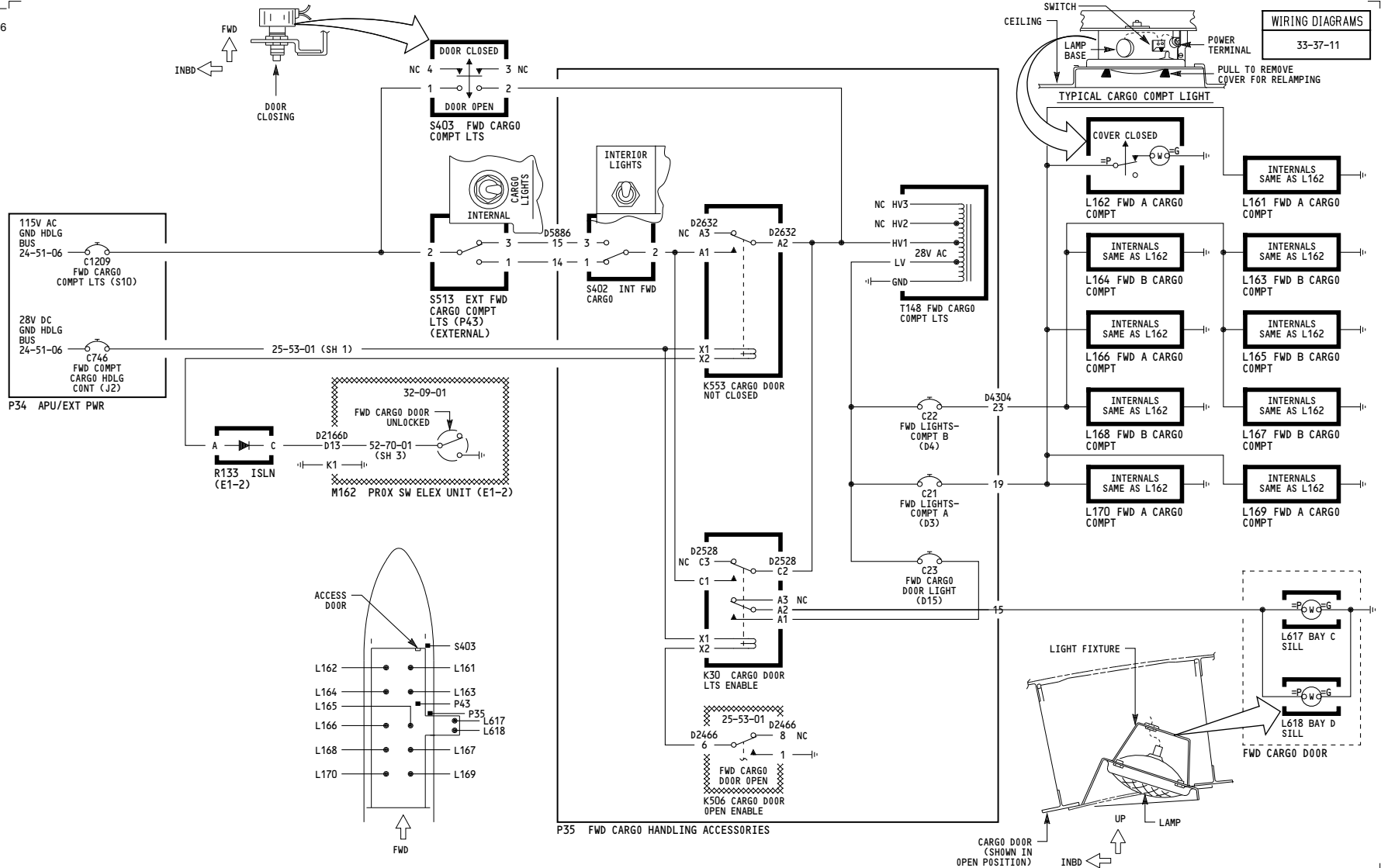
275-299	<p><b>CARGO LOAD EXTERIOR LIGHTS</b></p> <p>D280T232</p>
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**33-31-04**

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050-099

**LOWER CARGO COMPARTMENT LIGHTS-FORWARD**

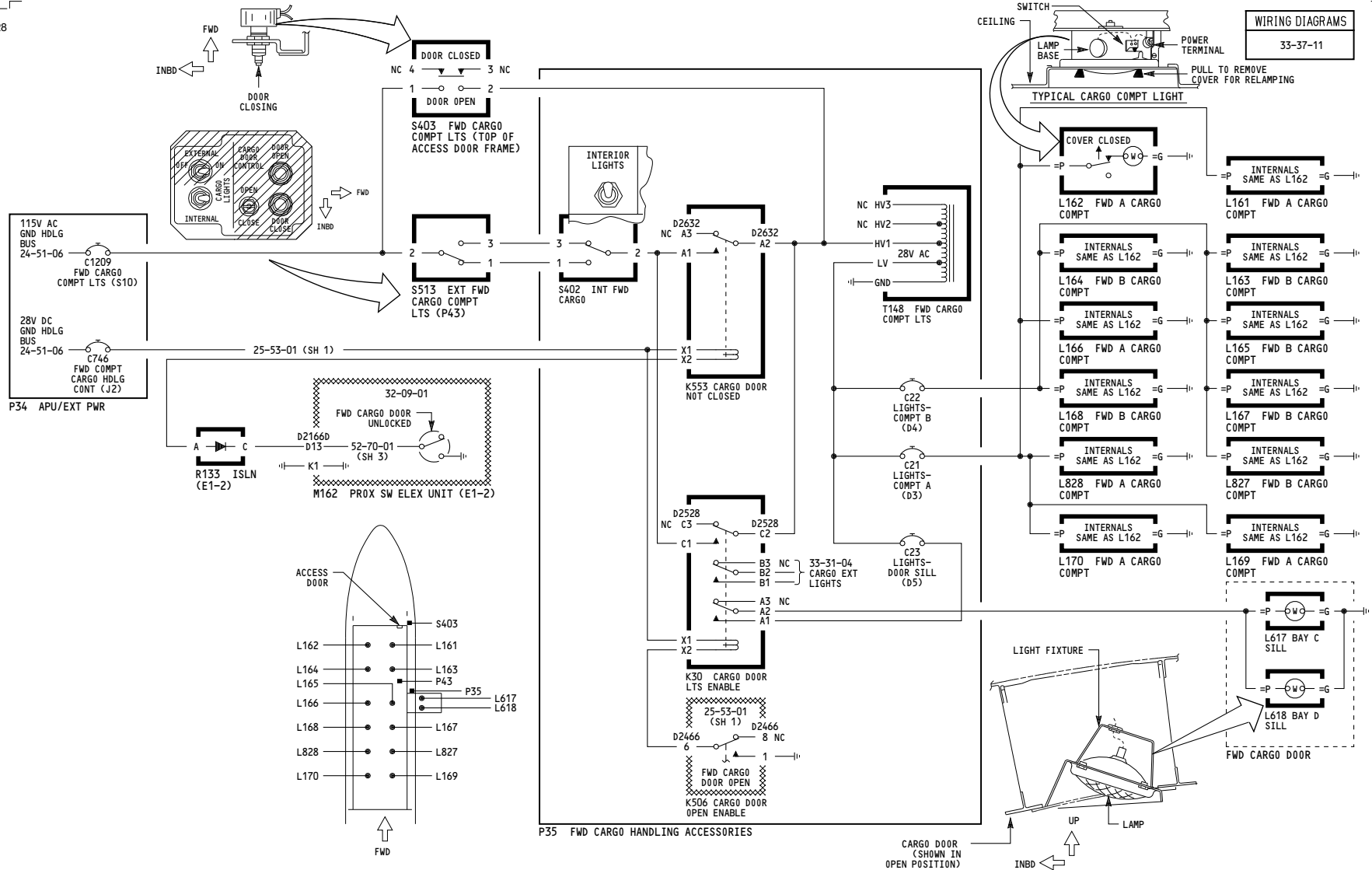
D280T232

**33-37-01**

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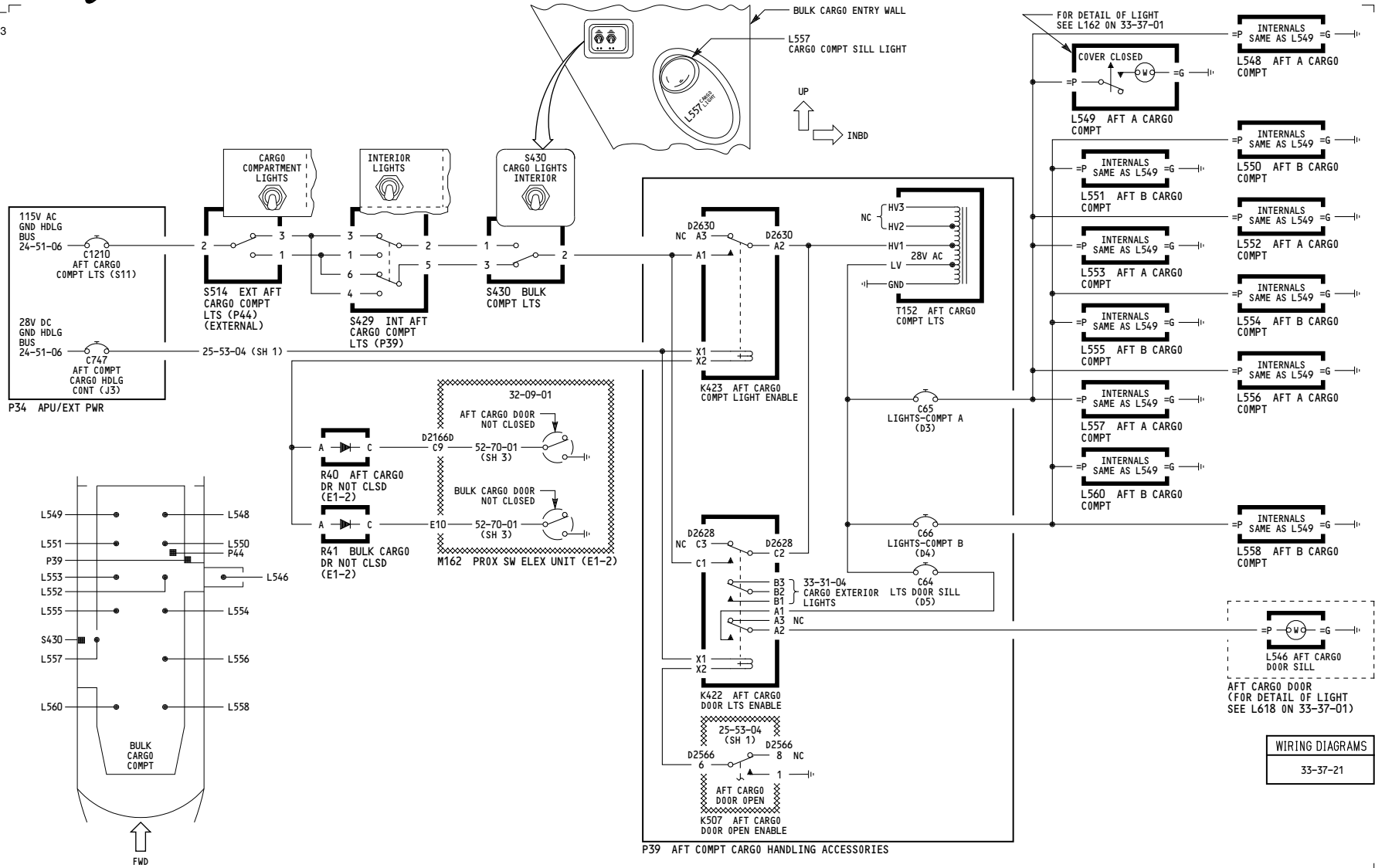
150-199, 275-299	<b>LOWER CARGO COMPARTMENT LIGHTS- FORWARD</b>
D280T232	

**33-37-01**

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**WIRING DIAGRAMS**  
33-37-21

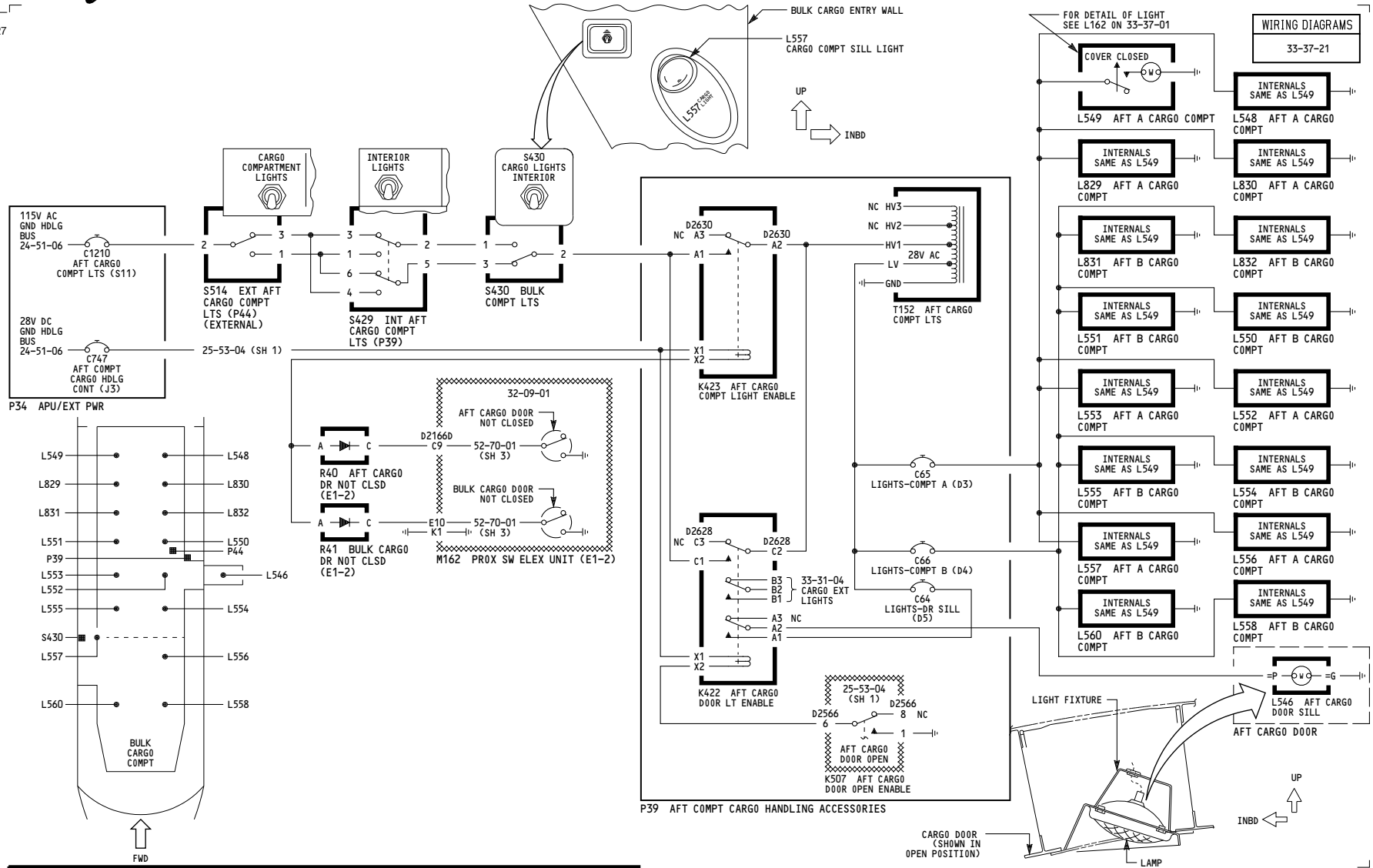
050-099	<p><b>LOWER LOBE CARGO COMPARTMENT LIGHTS-AFT</b></p> <p>D280T232</p>
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**33-37-02**

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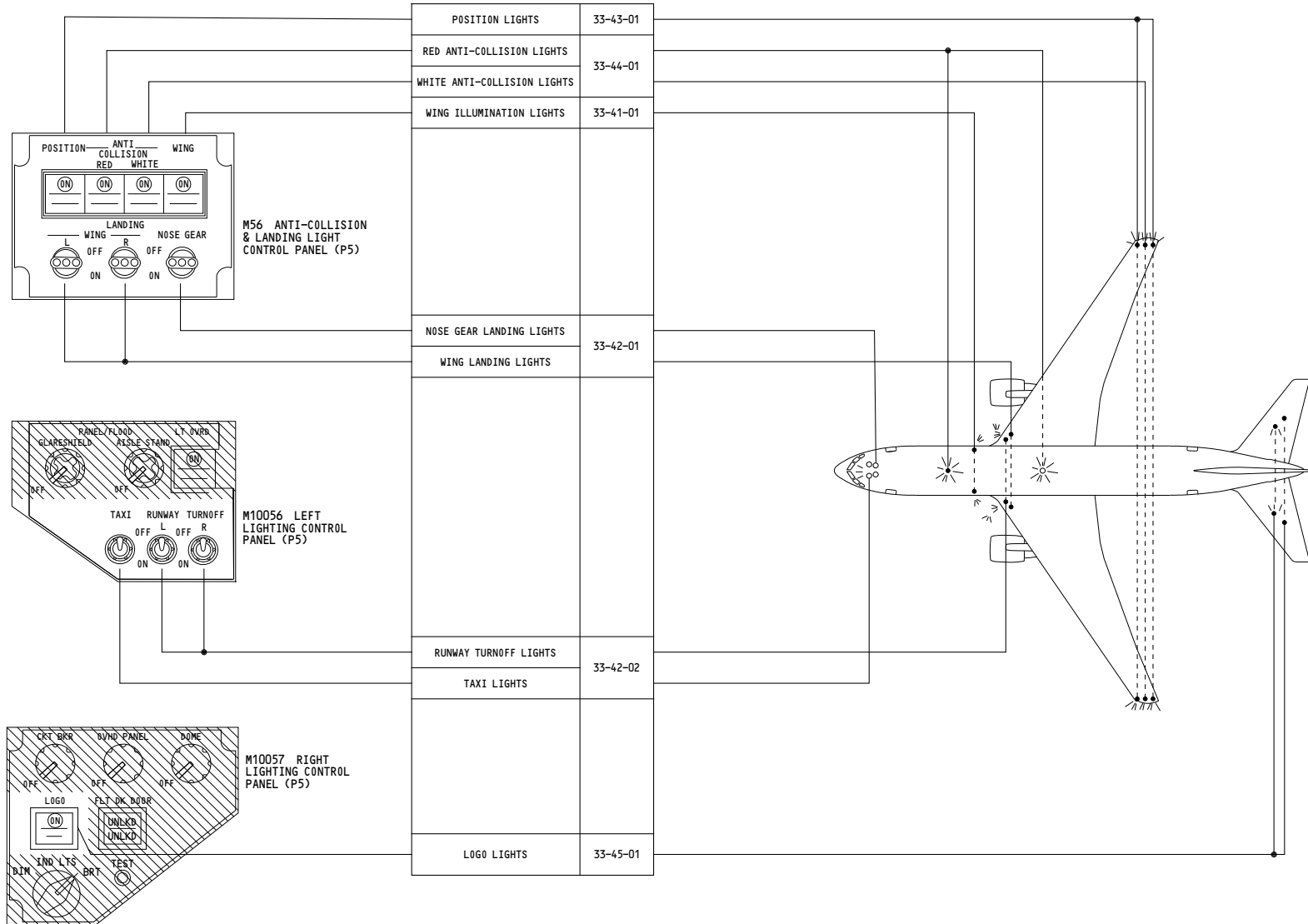
<p>150-199, 275-299</p>	<p><b>LOWER LOBE CARGO COMPARTMENT LIGHTS- AFT</b></p> <p>D280T232</p>
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**33-37-02**

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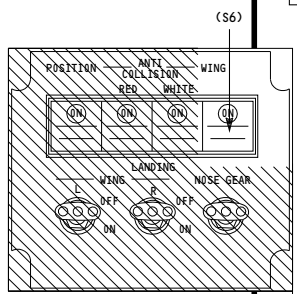
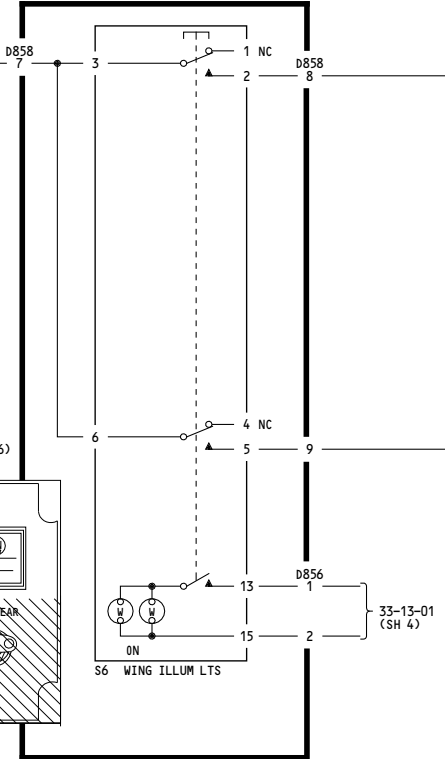
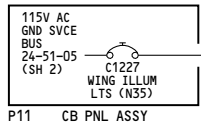
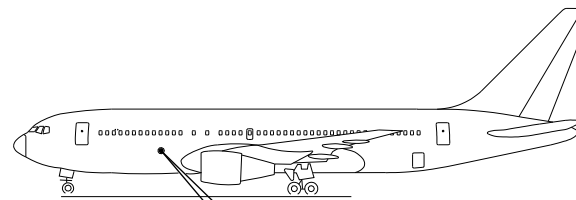


ALL	<p><b>EXTERIOR LIGHTS- SIMPLIFIED</b></p> <p>D280T232</p>
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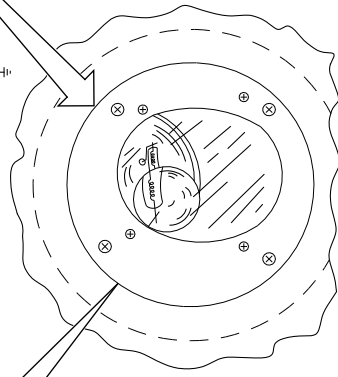
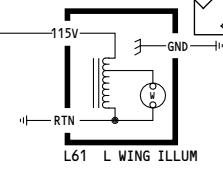
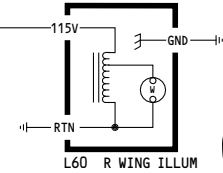
**33-40-00**

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M56(YCT) ANTI-COLLISION & LANDING LIGHT CONTROL (P5)



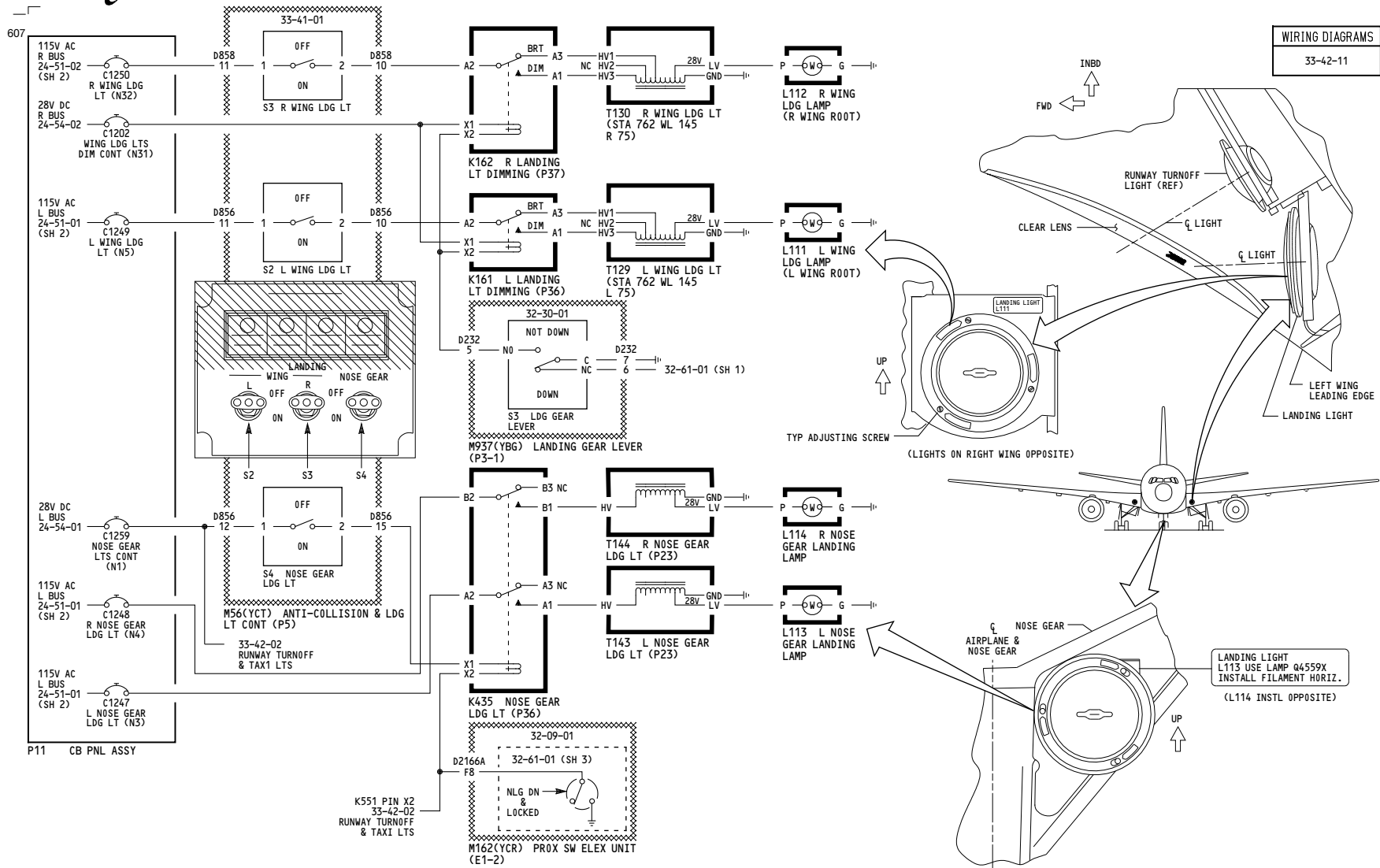
NOTES:  
▶ STA 654+33 (FOR -300 & -300ER)

ALL	<p><b>WING ILLUMINATION LIGHTS</b></p> <p>D280T232</p>
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ALL	<b>LANDING LIGHTS</b>
	D280T232

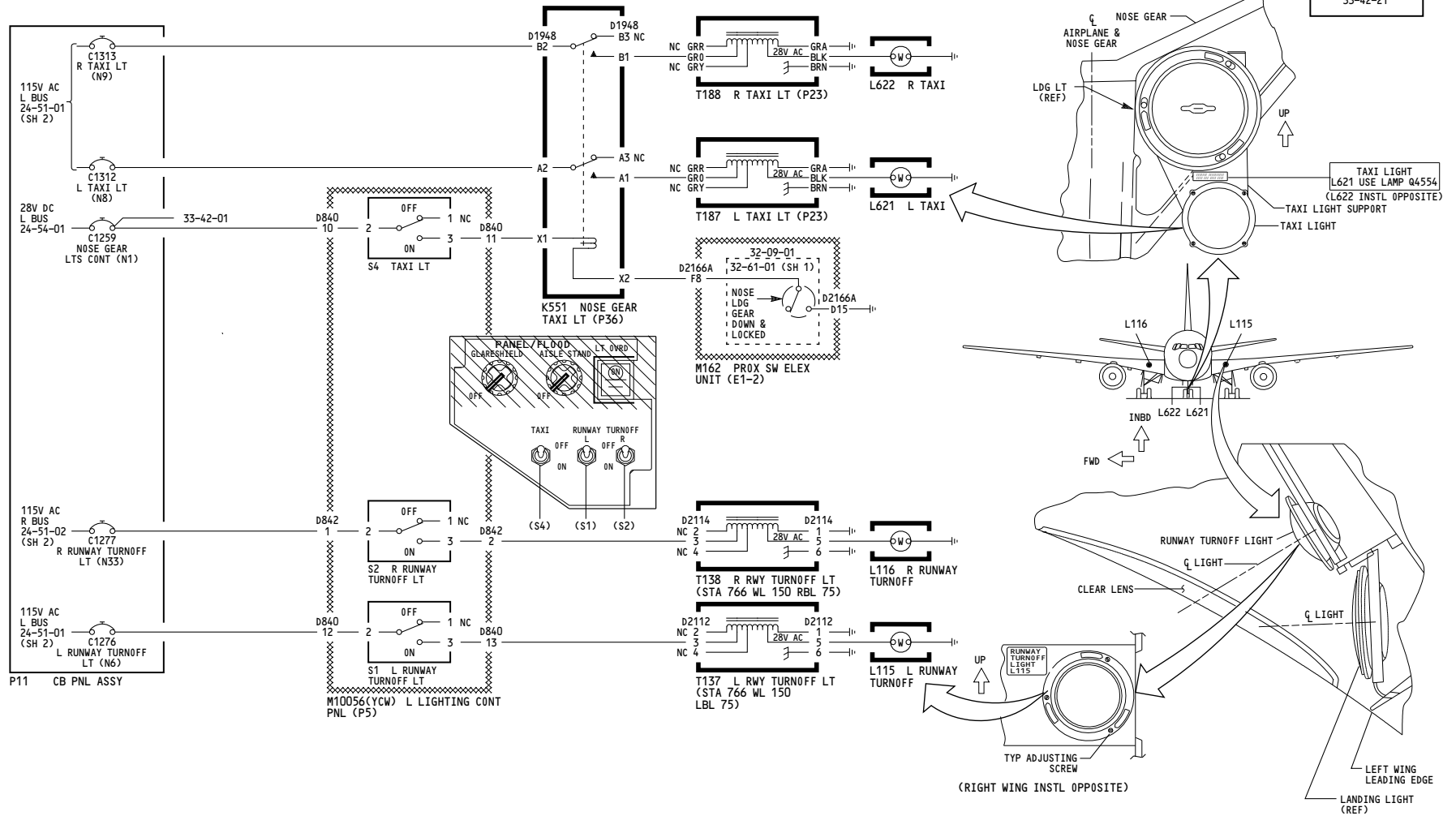
**33-42-01**

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WIRING DIAGRAMS  
33-42-21

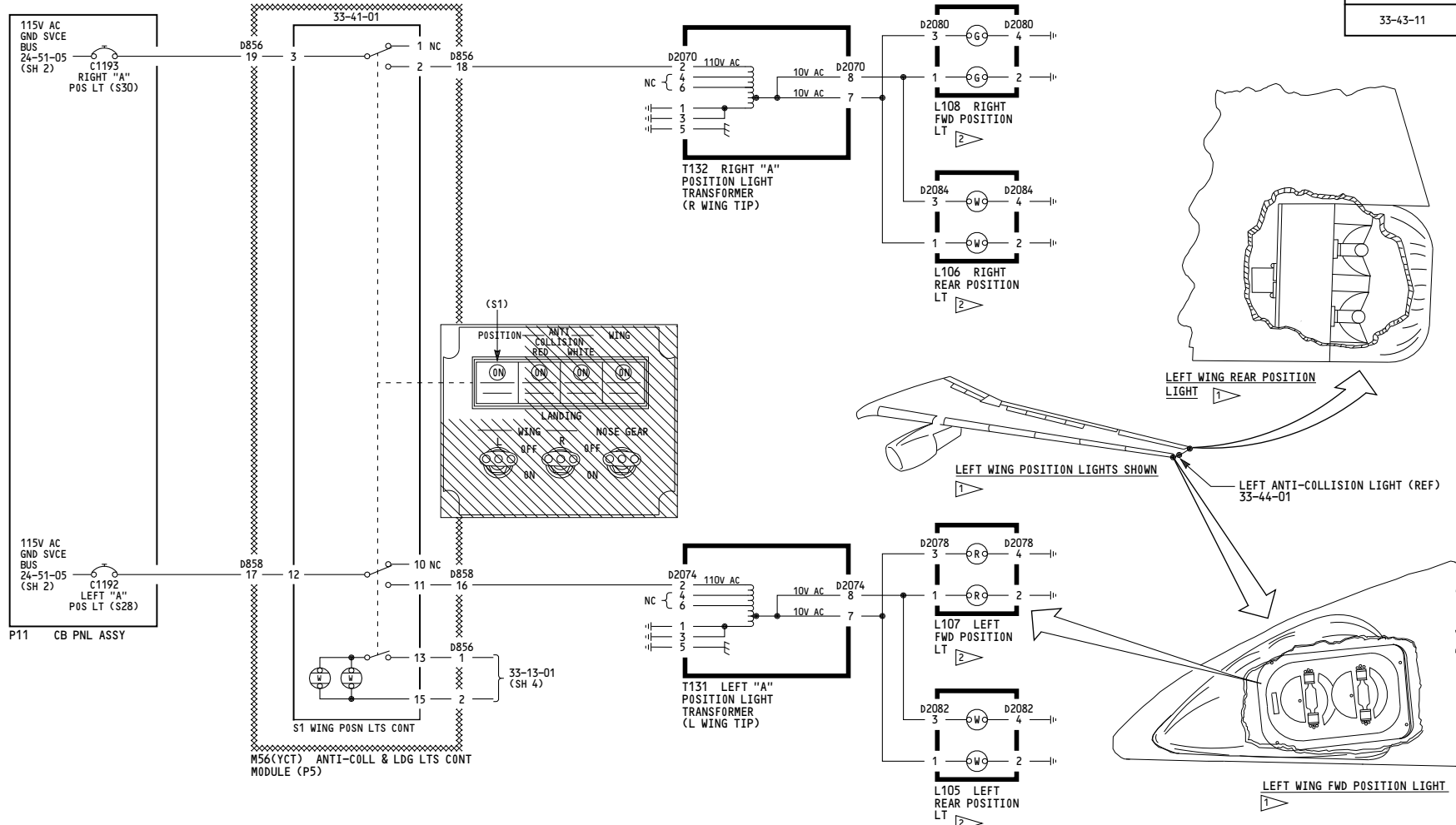


ALL	<p align="center"><b>RUNWAY TURNOFF AND TAXI LIGHTS</b></p> <p align="center">D280T232</p>
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**33-42-02**

606

**WIRING DIAGRAMS**  
33-43-11



**NOTES:**

1 LEFT WING TIP POSITION LIGHTS ARE SHOWN, RIGHT POSITION LIGHTS ARE OPPOSITES EXCEPT FOR THE COLOR OF THE FORWARD POSITION LIGHT LENSES.

2 LAMP RECOMMENDATION TO USE "G.E." FOR THE BEST RELIABILITY

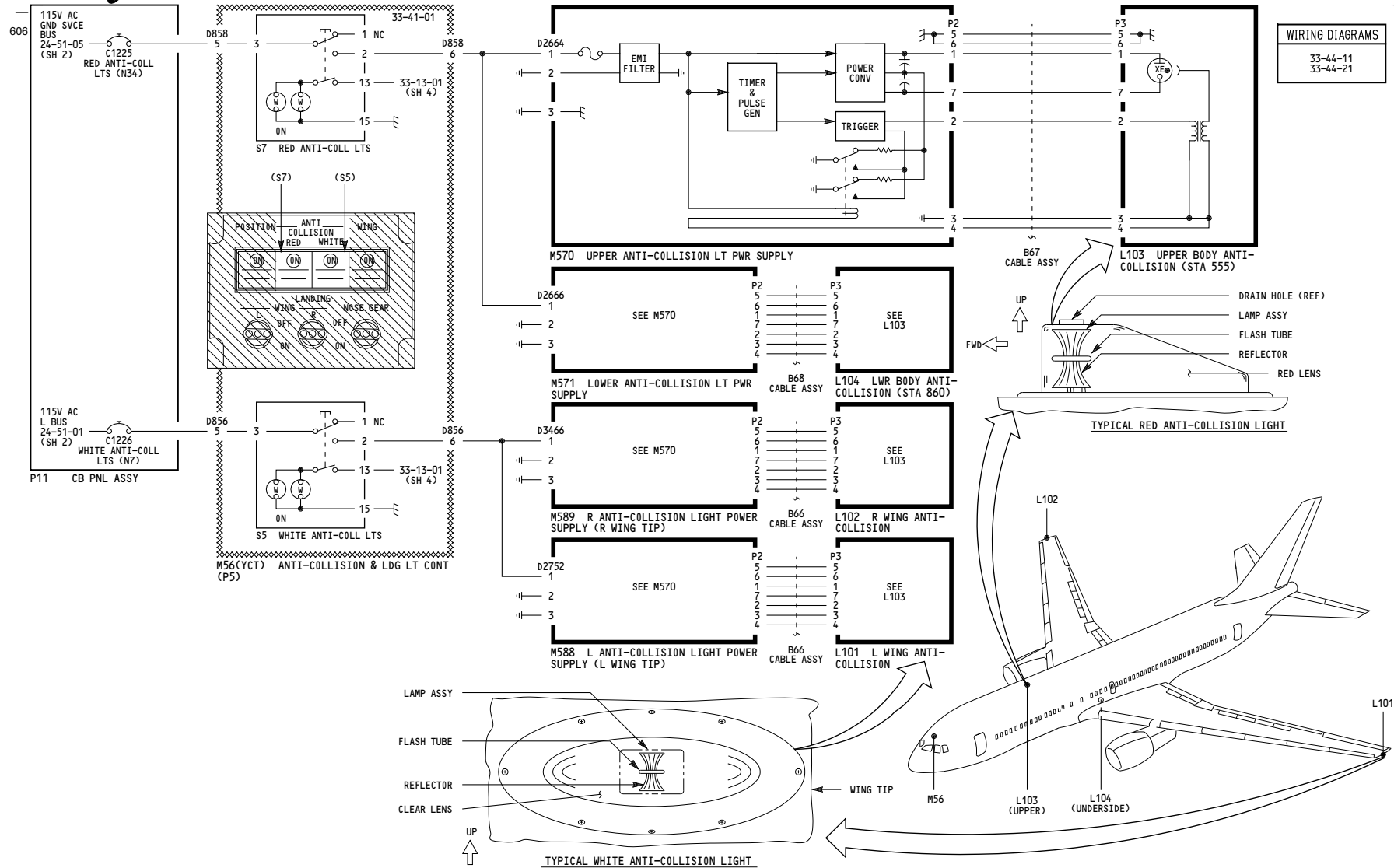
150-199, 275-299	<b>POSITION LIGHTS</b>
D280T232	

**33-43-01**

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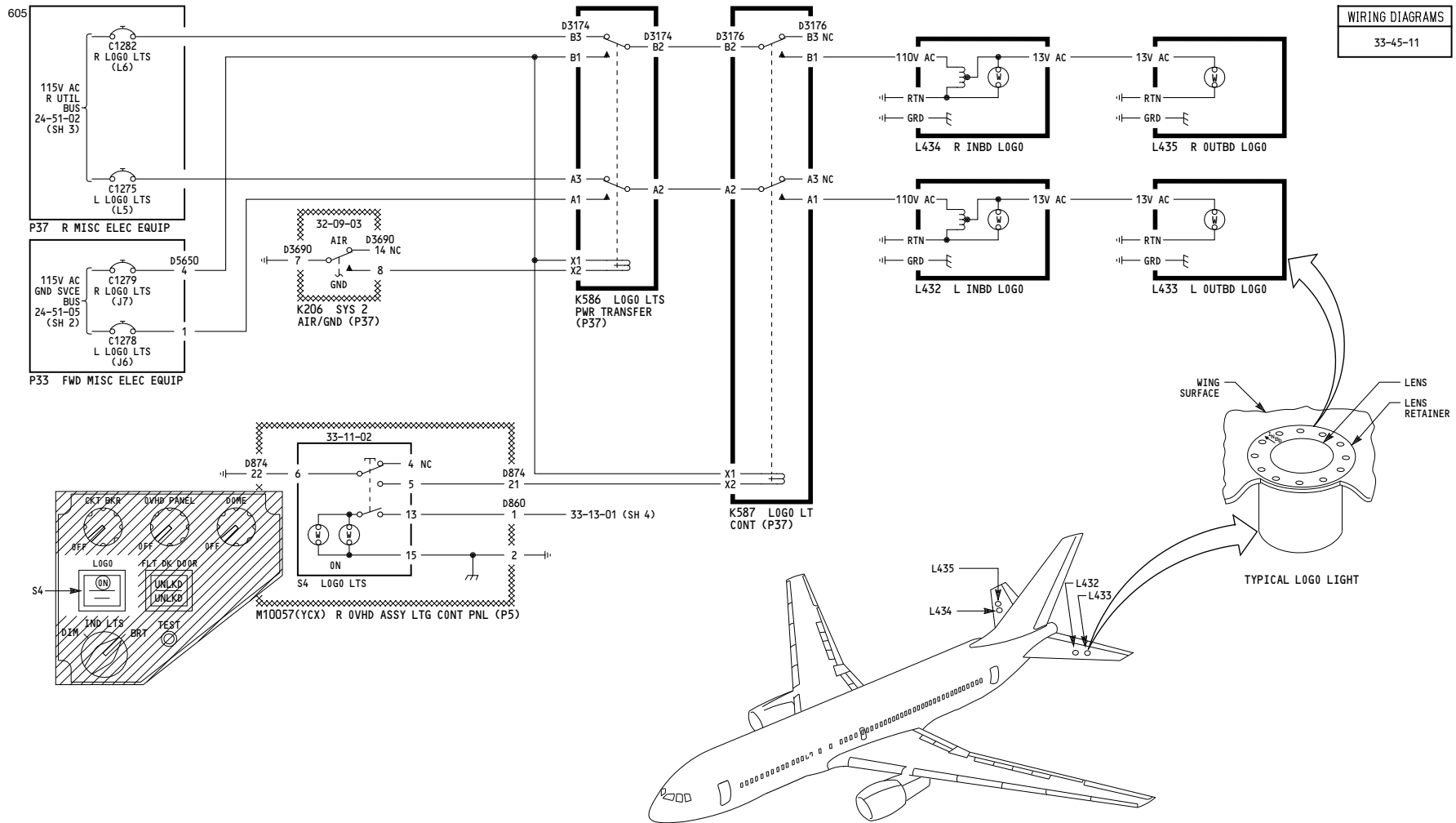
WIRING DIAGRAMS  
33-44-11  
33-44-21



ALL	<b>ANTI-COLLISION LIGHTS</b>
	D280T232

**33-44-01**

WIRING DIAGRAMS  
33-45-11



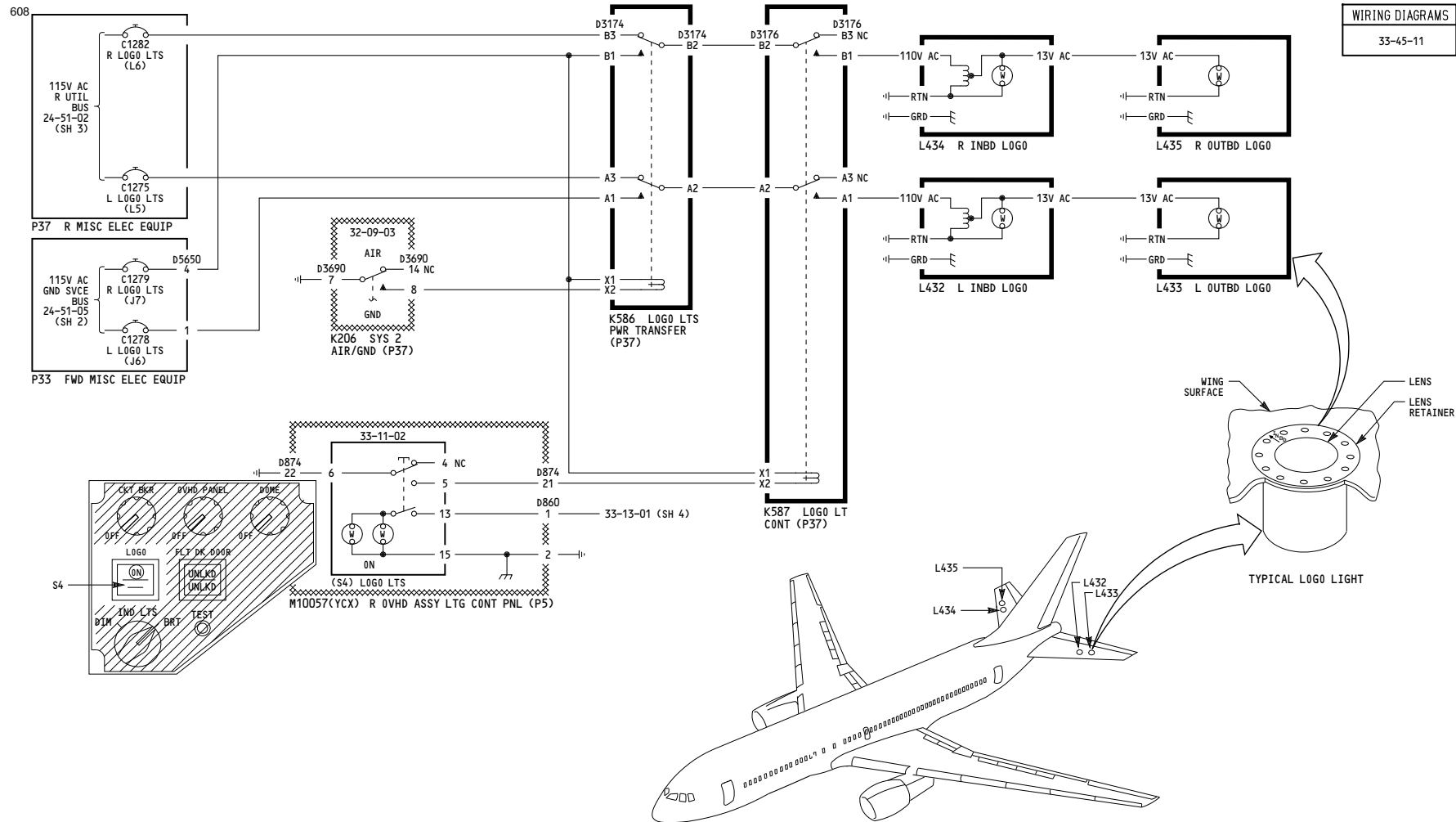
050-099	<p align="center"><b>LOGO LIGHTS</b></p> <p align="center">D280T232</p>
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**33-45-01**

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WIRING DIAGRAMS  
33-45-11



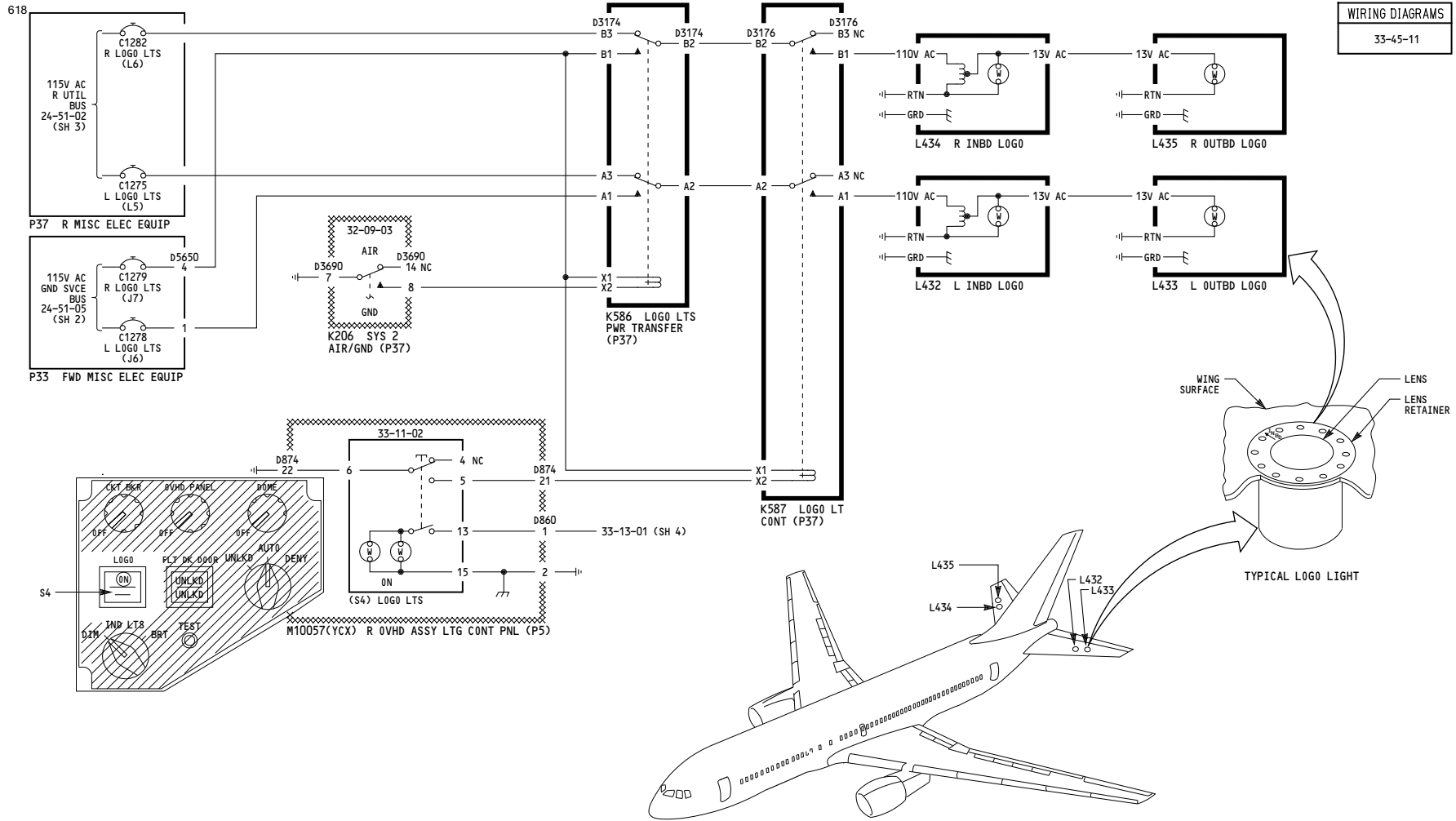
<p>150-199, 275-299</p>	<p><b>LOGO LIGHTS</b></p> <p>D280T232</p>
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**33-45-01**

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WIRING DIAGRAMS  
33-45-11



150, 275

**LOGO LIGHTS**

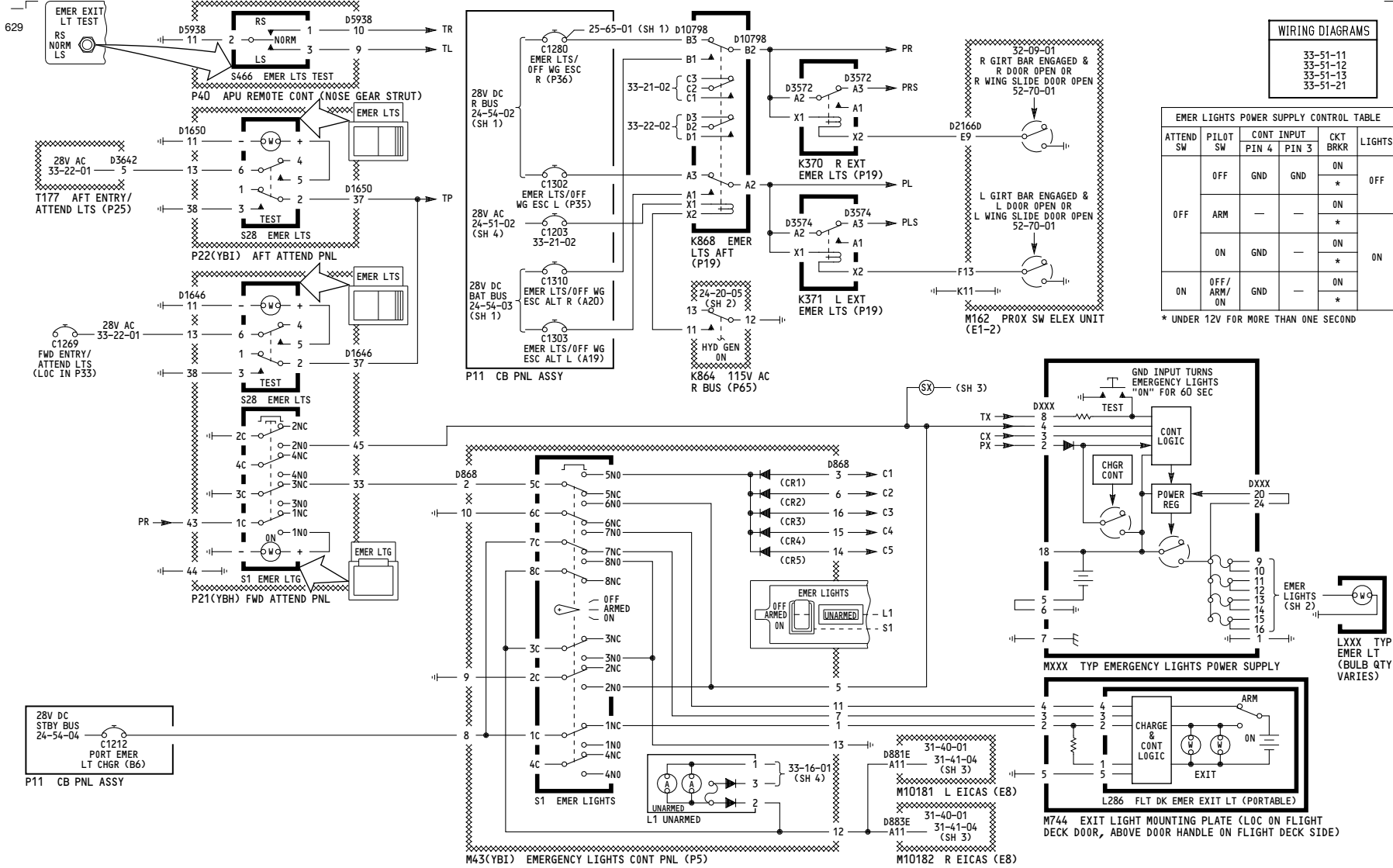
Incorporates  
25-0332 R09

D280T232

**33-45-01**

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Mar 14/2007



**WIRING DIAGRAMS**

- 33-51-11
- 33-51-12
- 33-51-13
- 33-51-21

**EMER LIGHTS POWER SUPPLY CONTROL TABLE**

ATTEND SW	PILOT SW	CONT INPUT		CKT BRKR	LIGHTS
		PIN 4	PIN 3		
OFF	OFF	GND	GND	ON	OFF
	ARM	—	—	ON	
	ON	GND	—	ON	
ON	OFF/ARM/ON	GND	—	ON	ON

\* UNDER 12V FOR MORE THAN ONE SECOND

050-099

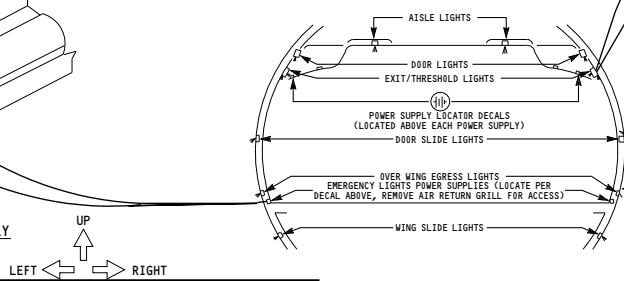
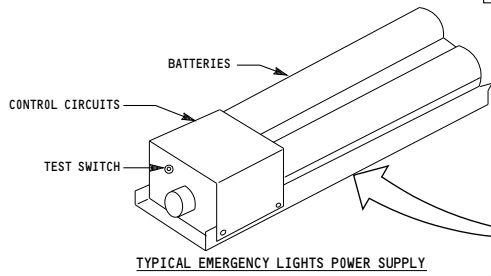
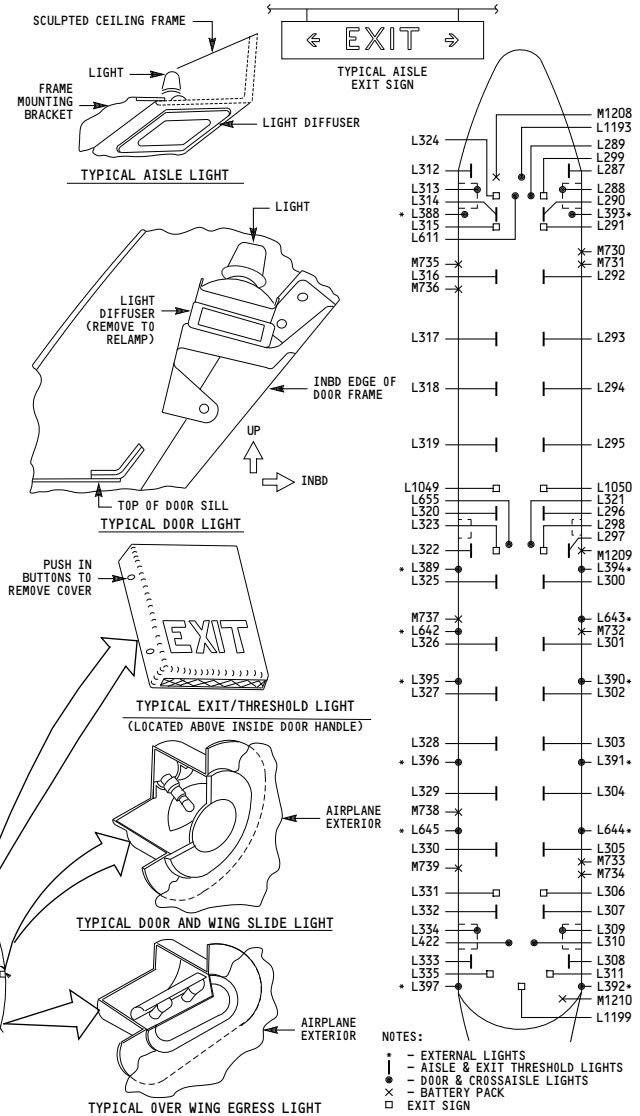
**EMERGENCY LIGHTS**

D280T232

**33-51-01**

LEFT SIDE INTERIOR EMERGENCY LIGHTS										
EMERGENCY LIGHTS POWER SUPPLY					EMERGENCY LIGHT					
ITEM	CONN	REFERENCE POINT			OUTPUT PIN	ITEM	NOMENCLATURE			
		POWER (PIN 2)	CONT (PIN 3)	TEST (PIN 8)			ITEM			
M735	D1084	PL	C2	TP	9	L316	AISLE			
					10	L319	AISLE			
					12	L315	EXIT SIGN			
					13	L324	EXIT SIGN			
					14	L1193	CREW REST EMER LT			
M737	D1088	PL	C4	TP	9	L320	AISLE			
					10	L328	AISLE			
					11	L326	EXIT SIGN			
					12	L323	EXIT SIGN			
					13	L327	AISLE			
M739	D1652	PL	C3	TP	9	L335	EXIT SIGN			
					10	L329	AISLE			
					11	L330	AISLE			
					12	L331	EXIT SIGN			
					14	L332	AISLE			
M1208	D10718	PL	C3	TP	9	L312	L EXIT/THRESHOLD			
					10	L287	R EXIT/THRESHOLD			
					11	L288	RIGHT DOOR			
					12	L289	R LWD CEILING			
					13	L611	L LWD CEILING			
LEFT SIDE EXTERIOR EMERGENCY LIGHTS										
M736	D1080	PLS	C3	TL	9	L388	L FWD DOOR SLIDE			
					10	L389	OVER WING EGRESS			
					11	L395	OVER WING EGRESS			
M738	D1648	PLS	C2	TL	9	NC	L WING SLIDE			
					10	L396	AFT L DOOR SLIDE			
					11	L397	L WING SLIDE			

RIGHT SIDE INTERIOR EMERGENCY LIGHTS										
EMERGENCY LIGHTS POWER SUPPLY					EMERGENCY LIGHT					
ITEM	CONN	REFERENCE POINT			OUTPUT PIN	ITEM	NOMENCLATURE			
		POWER (PIN 2)	CONT (PIN 3)	TEST (PIN 8)			ITEM			
M730	D2746	PR	C1	TP	9	L292	AISLE			
					12	L295	AISLE			
					13	L291	EXIT SIGN			
					14	L299	EXIT SIGN			
					15	L293	AISLE			
					16	L294	AISLE			
M732	D1126	PR	C5	TP	9	L1050	EXIT SIGN			
					10	L303	AISLE			
					11	L302	AISLE			
					15	L300	AISLE			
					16	L301	AISLE			
					M734	D170	PR	C4	TP	9
10	L305	AISLE								
11	L306	EXIT SIGN								
12	L307	AISLE								
13	L311	EXIT SIGN								
14	L309	DOOR								
M1209	D10720	PR	C2	TP	9	L322	L EXIT/WING HATCH			
					10	L297	R EXIT/WING HATCH			
					11	L655	LWD CEILING			
					12	L321	LWD CEILING			
					13	L296	AISLE			
M1210	D10722	PR	C1	TP	9	L333	L EXIT/THRESHOLD			
					10	L308	R EXIT/THRESHOLD			
					11	L307	AISLE			
					12	L1199	EXIT SIGN			
					13	L422	LWD CEILING (L)			
RIGHT SIDE EXTERIOR EMERGENCY LIGHTS										
M731	D1122	PRS	C5	TR	9	L393	R FWD DOOR SLIDE			
					10	L594	OVER WING EGRESS			
					11	L390	OVER WING EGRESS			
					12	L643	OVER WING EGRESS			
					13-16	NC				
M733	D2610	PRS	C1	TR	9	NC	R WING SLIDE			
					10	L391	AFT R DOOR SLIDE			
					11	L392	R WING SLIDE			
					12	L644				
					13-16	NC				



050-099

**EMERGENCY LIGHTS**

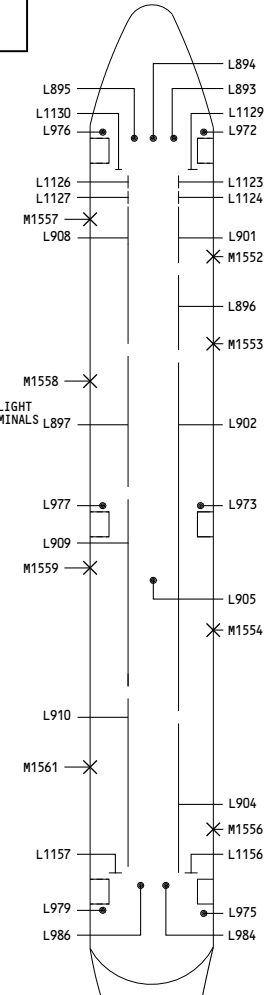
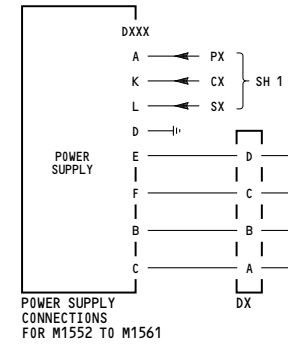
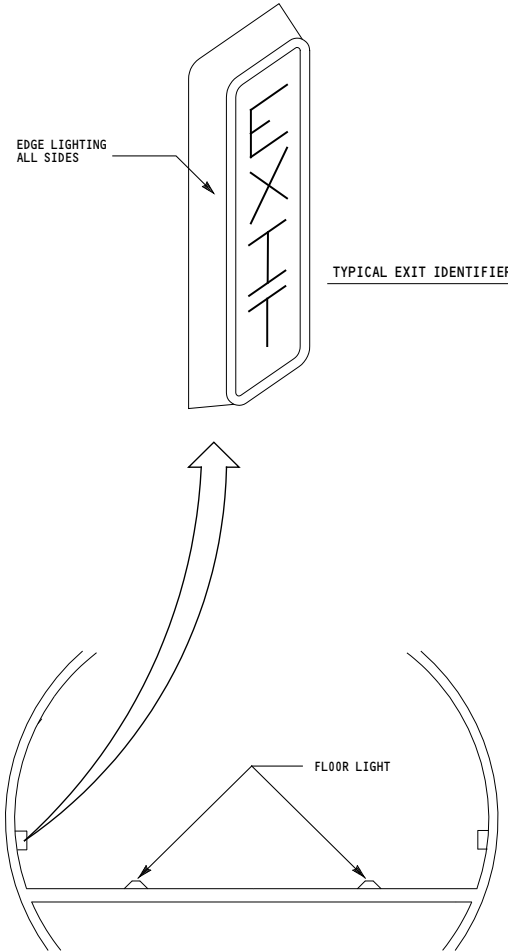
D280T232

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WIRING DIAGRAMS  
33-51-14  
33-51-16  
33-51-17

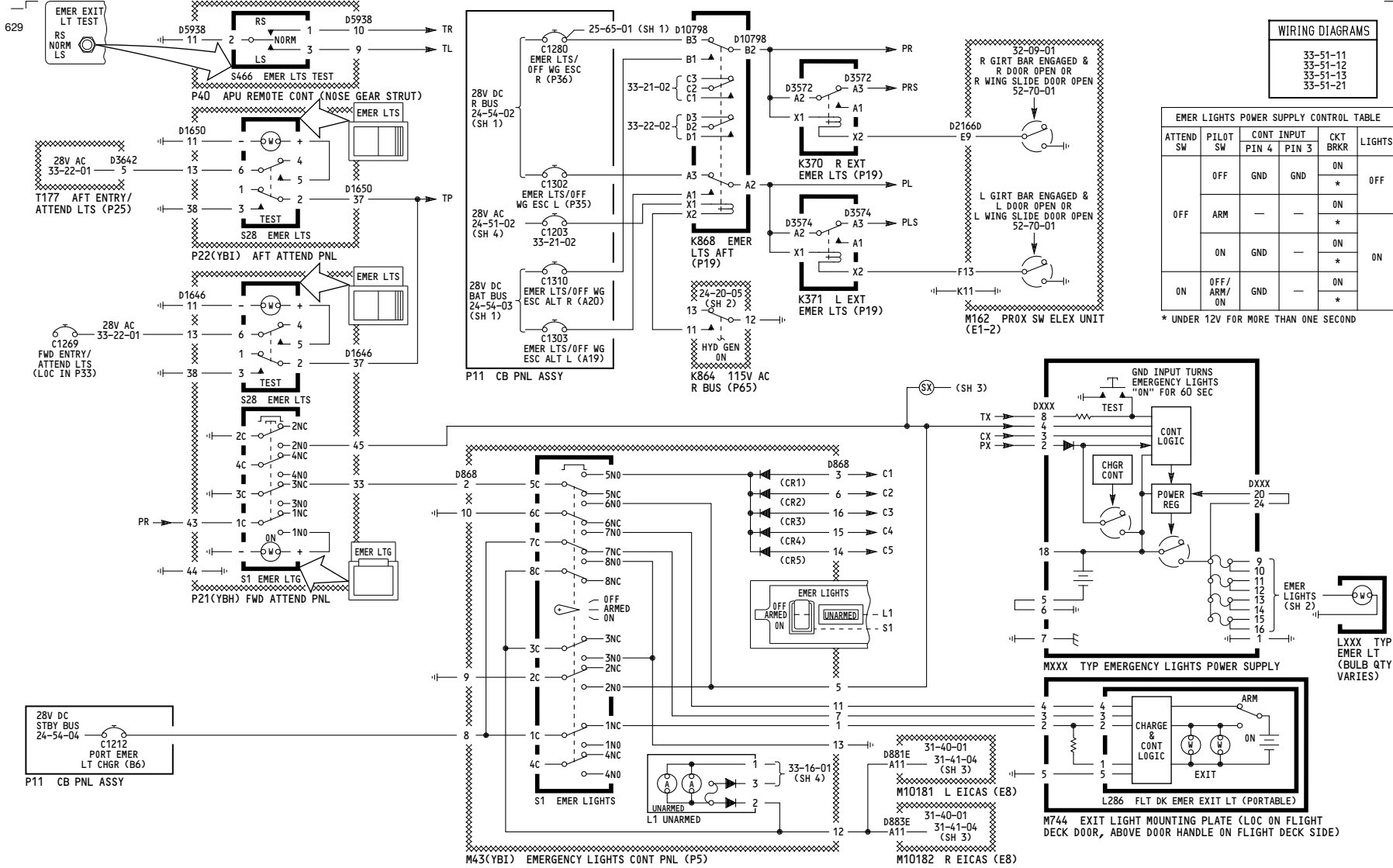
EMERGENCY LIGHTS POWER SUPPLY					EMERGENCY LIGHT		
ITEM	CONN	REFERENCE POINT		OUTPUT PIN	STA AND SIDE	ITEM	NOMENCLATURE
		POWER PIN (A)	CONT PIN (K)				
M1552	D13238	PR	C1	B,C	533R	L893	FWD CROSS AISLE
						L894	FWD R CROSS AISLE LT
						L901	AISLE FLOOR LIGHT
						L1123	AISLE FLOOR LIGHT
						L1124	AISLE FLOOR LIGHT
						L1125	AISLE FLOOR LIGHT
M1553	D13242	PR	C5	B,C	643R	L896	AISLE FLOOR LIGHT
						L9051	MID CROSS AISLE LT
M1554	D13240	PR	C5	B,C	1010R	L902	AISLE FLOOR LIGHT
M1556	D13244	PR	C4	B,C	1384R	L904	AISLE FLOOR LIGHT
						L984	AFT RIGHT CROSS AISLE
						L986	AFT LEFT AISLE LT
						L1156	AISLE TO EXIT MARKER
M1557	D13206	PL	C2	B,C	511L	L895	FWD L CROSS AISLE LT
						L908	AISLE FLOOR LIGHT
						L976	EXIT IDENTIFIER
						L972	EXIT IDENTIFIER
						L1126	AISLE FLOOR LIGHT
						L1127	AISLE FLOOR LIGHT
M1558	D13254	PL	C2	B,C	731L	L897	AISLE FLOOR LIGHT
						L909	AISLE FLOOR LIGHT
M1559	D13265	PL	C3	B,C	922L	L973	EXIT IDENTIFIER
						L977	EXIT IDENTIFIER
						L979	EXIT IDENTIFIER
M1561	D13210	PL	C3	B,C	1362L	L910	AISLE FLOOR LIGHT
						L975	EXIT IDENTIFIER
						L979	EXIT IDENTIFIER
						L1157	AISLE TO EXIT MARKER



050-099	<b>EMERGENCY LIGHTS</b>
	D280T232

**33-51-01**

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**WIRING DIAGRAMS**

33-51-11  
33-51-12  
33-51-13  
33-51-21

**EMER LIGHTS POWER SUPPLY CONTROL TABLE**

ATTEND SW	PILOT SW	CONT INPUT PIN 4	CONT INPUT PIN 3	CKT BRKR	LIGHTS
OFF	OFF	GND	GND	ON	OFF
	ARM	—	—	ON	*
	ON	GND	—	ON	*
ON	OFF/ARM/ON	GND	—	ON	ON

\* UNDER 12V FOR MORE THAN ONE SECOND

150, 152-157

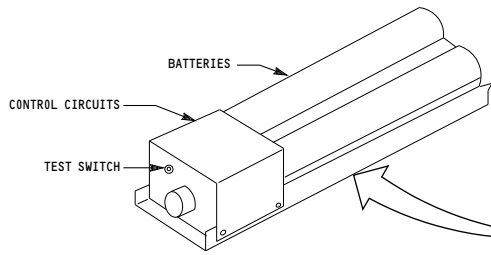
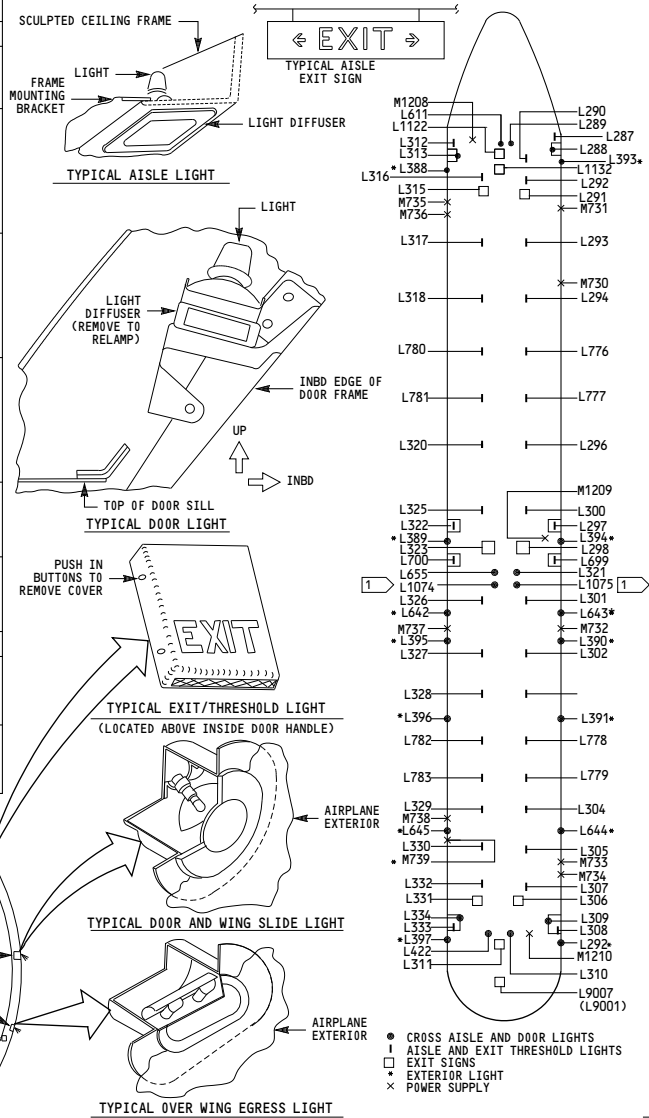
**EMERGENCY LIGHTS**

D280T232

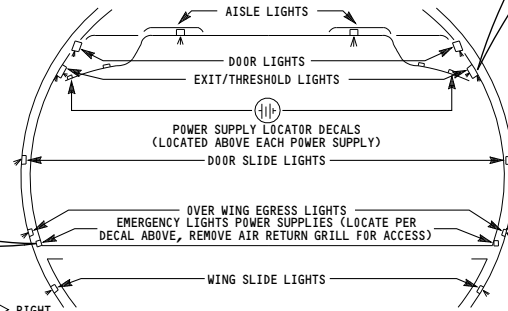
**33-51-01**

LEFT SIDE INTERIOR EMERGENCY LIGHTS										
EMERGENCY LIGHTS POWER SUPPLY					EMERGENCY LIGHT					
ITEM	CONN	REFERENCE POINT			OUTPUT PIN	ITEM	NOMENCLATURE			
		POWER (PIN 2)	CONT (PIN 3)	TEST (PIN 8)						
M735	D1084	PL	C2	TP	9	L316	AISLE			
					10	L313	DOOR			
					11	L611	LOWERED CEILING			
					12	L314	AISLE			
					13	L315	EXIT SIGN			
					14	L1132	EXIT SIGN			
M737	D1088	PL	C4	TP	9	L320	AISLE			
					10	L655	LOWERED CEILING			
					11	L782	AISLE			
					12	L328	AISLE			
					13	L328	AISLE			
					14	L323	EXIT SIGN			
					15	L325	AISLE			
					16	NC	LOWERED CEILING			
					9	L1074	AISLE			
					15	L326	AISLE			
M739	D1652	PL	C3	TP	9	L783	AISLE			
					10	L329	AISLE			
					11	L350	AISLE			
					12	L332	AISLE			
					15	L334	EXIT SIGN			
M1208	D10718	PL	C3	TP	9	L312	L EXIT/THRESHOLD			
					11-16	L287	R EXIT/THRESHOLD			
LEFT SIDE EXTERIOR EMERGENCY LIGHTS										
M736	D1080	PLS	C3	TL	9	L388	L FWD DOOR SLIDE			
					10	L389	OVER WING EGRESS			
					11	L395	OVER WING EGRESS			
					12	L642	OVER WING EGRESS			
M738	D1648	PLS	C2	TL	9	NC	L WING SLIDE			
					10	L396	AFT L DOOR SLIDE			
					11	L397	L WING SLIDE			
					12	L645	L WING SLIDE			
					13-16	NC				

RIGHT SIDE INTERIOR EMERGENCY LIGHTS										
EMERGENCY LIGHTS POWER SUPPLY					EMERGENCY LIGHT					
ITEM	CONN	REFERENCE POINT			OUTPUT PIN	ITEM	NOMENCLATURE			
		POWER (PIN 2)	CONT (PIN 3)	TEST (PIN 8)						
M730	D2746	PR	C1	TP	9	L292	AISLE			
					10	L776	DOOR			
					11	L288	EXIT SIGN			
					12	L1122	LOWERED CEILING			
					13	L289	AISLE			
					14	L290	EXIT SIGN			
					15	L291	AISLE			
					16	L293	AISLE			
					17	L294	AISLE			
					M732	D1126	PR	C5	TP	9
10	L296	AISLE								
11	L303	AISLE								
12	L298	EXIT SIGN								
13	L300	AISLE								
14	L777	AISLE								
15	L301	AISLE								
16	L302	AISLE								
17	L1075	LOWERED CEILING								
M734	D170	PR	C4	TP						9
					10	L305	AISLE			
					11	L306	AISLE			
					12	L307	AISLE			
					13	L310	LOWERED CEILING			
					14	L779	AISLE			
					15	L309	DOOR			
					16	L311	EXIT SIGN			
					17	L778	AISLE			
					M1209	D10720	PR	C2	TP	9
10	L297	R EXIT/WING HATCH								
11	L699	R EXIT/WING HATCH								
12	L700	L EXIT/WING HATCH								
13-16	NC									
M1210	D10722	PR	C1	TP	9	L333	L EXIT/THRESHOLD			
					10	L308	R EXIT/THRESHOLD			
					11	L9007	EXIT SIGN LIGHT			
					12-16	NC				
RIGHT SIDE EXTERIOR EMERGENCY LIGHTS										
M731	D1122	PRS	C5	TR	9	L393	R FWD DOOR SLIDE			
					10	L394	OVER WING EGRESS			
					11	L390	OVER WING EGRESS			
					12	L643	OVER WING EGRESS			
M733	D2610	PRS	C1	TR	9	NC	R WING SLIDE			
					10	L391	AFT R DOOR SLIDE			
					11	L392	R WING SLIDE			
					12	L644	R WING SLIDE			
					13-16	NC				



NOTES:  
 1 → VN158-VN158 ONLY



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**EMERGENCY LIGHTS**

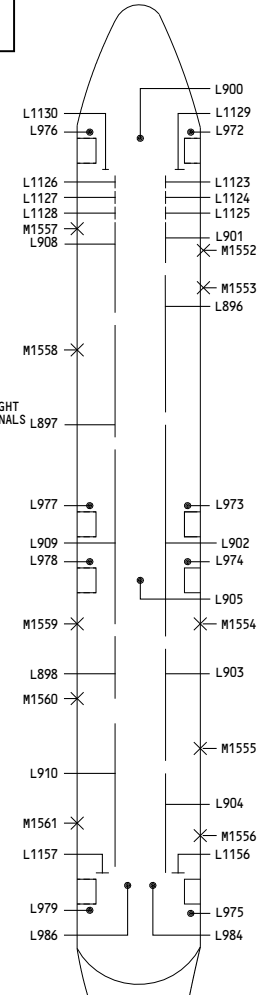
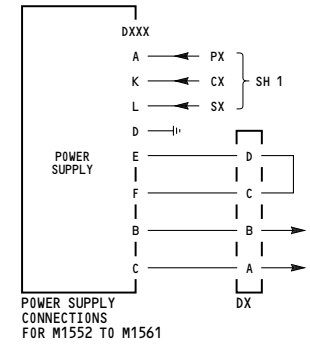
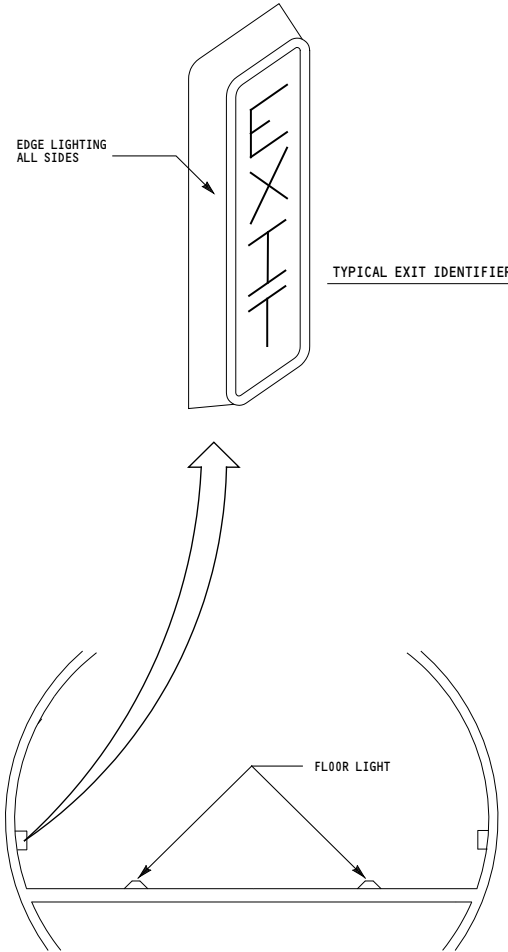
Incorporates  
 PR 00113

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33-51-01

WIRING DIAGRAMS  
33-51-14  
33-51-16  
33-51-17

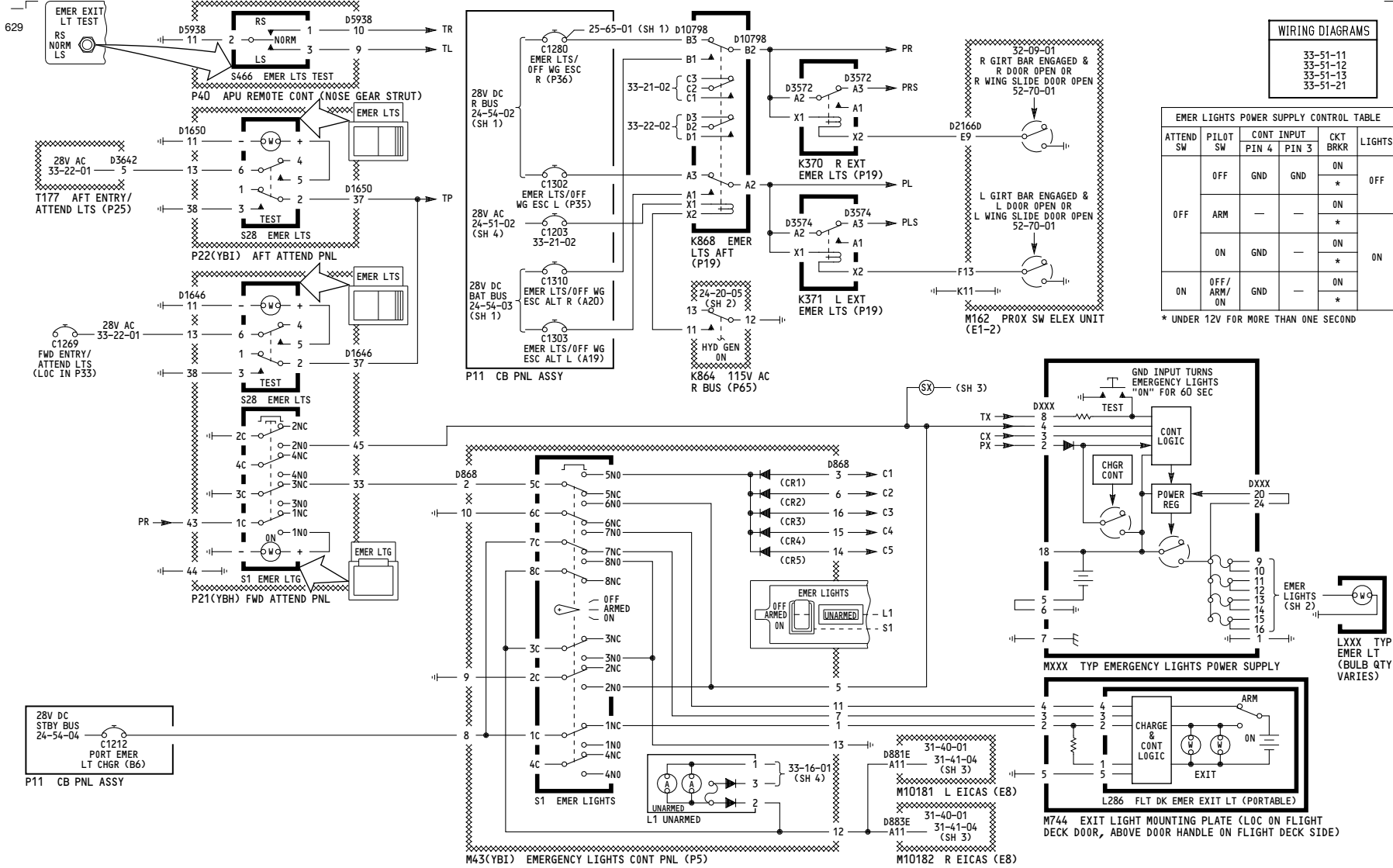
EMERGENCY LIGHTS POWER SUPPLY					EMERGENCY LIGHT		
ITEM	CONN	REFERENCE POINT		OUTPUT PIN	STA AND SIDE	ITEM	NOMENCLATURE
		POWER PIN (A)	CONT PIN (K)				
M1552	D13238	PR	C1	B,C	533R	L901	AISLE FLOOR LIGHT
						L900	FWD CROSS AISLE
						L1123	AISLE FLOOR LIGHT
						L1124	AISLE FLOOR LIGHT
						L1125	AISLE FLOOR LIGHT
						L1129	AISLE TO EXIT MARKER
						L976	EXIT IDENTIFIER
L972	EXIT IDENTIFIER						
M1553	D13242	PR	C5	B,C	643R	L896	AISLE FLOOR LIGHT
M1554	D13240	PR	C5	B,C	1010R	L902	AISLE FLOOR LIGHT
						L905	MID CROSS AISLE
M1555	D13246	PR	C1	B,C	1208R	L903	AISLE FLOOR LIGHT
M1556	D13244	PR	C4	B,C	1384R	L904	AISLE FLOOR LIGHT
						L984	AFT RIGHT CROSS AISLE
						L1156	AISLE TO EXIT MARKER
M1557	D13206	PL	C2	B,C	489L	L908	AISLE FLOOR LIGHT
						L1126	AISLE FLOOR LIGHT
						L1127	AISLE FLOOR LIGHT
						L1128	AISLE FLOOR LIGHT
						L1130	AISLE TO EXIT MARKER
M1558	D13254	PL	C2	B,C	654+55L	L897	AISLE FLOOR LIGHT
M1559	D13265	PL	C3	B,C	1032L	L973	EXIT IDENTIFIER
						L977	EXIT IDENTIFIER
						L978	EXIT IDENTIFIER
						L974	EXIT IDENTIFIER
						L909	AISLE FLOOR LIGHT
M1560	D13265	P1	C3	B,C	1197+33L	L898	AISLE FLOOR LIGHT
M1561	D13210	PL	C3	B,C	1362L	L979	EXIT IDENTIFIER
						L975	EXIT IDENTIFIER
						L910	AISLE FLOOR LIGHT
						L986	AFT LEFT CROSS AISLE
						L1157	AISLE TO EXIT MARKER



150, 152-157	<b>EMERGENCY LIGHTS</b>
	D280T232

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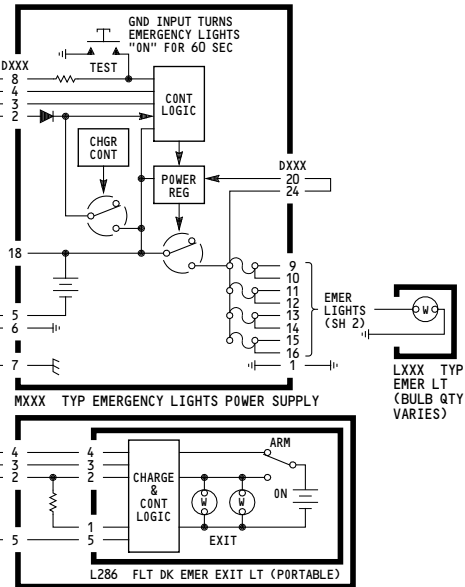
**WIRING DIAGRAMS**

33-51-11  
33-51-12  
33-51-13  
33-51-21

**EMER LIGHTS POWER SUPPLY CONTROL TABLE**

ATTEND SW	PILOT SW	CONT INPUT		CKT BRKR	LIGHTS
		PIN 4	PIN 3		
OFF	OFF	GND	GND	ON	OFF
	ARM	—	—	ON	
	ON	GND	—	ON	
ON	OFF/ARM/ON	GND	—	ON	ON

\* UNDER 12V FOR MORE THAN ONE SECOND



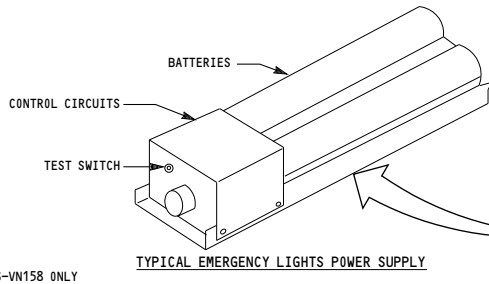
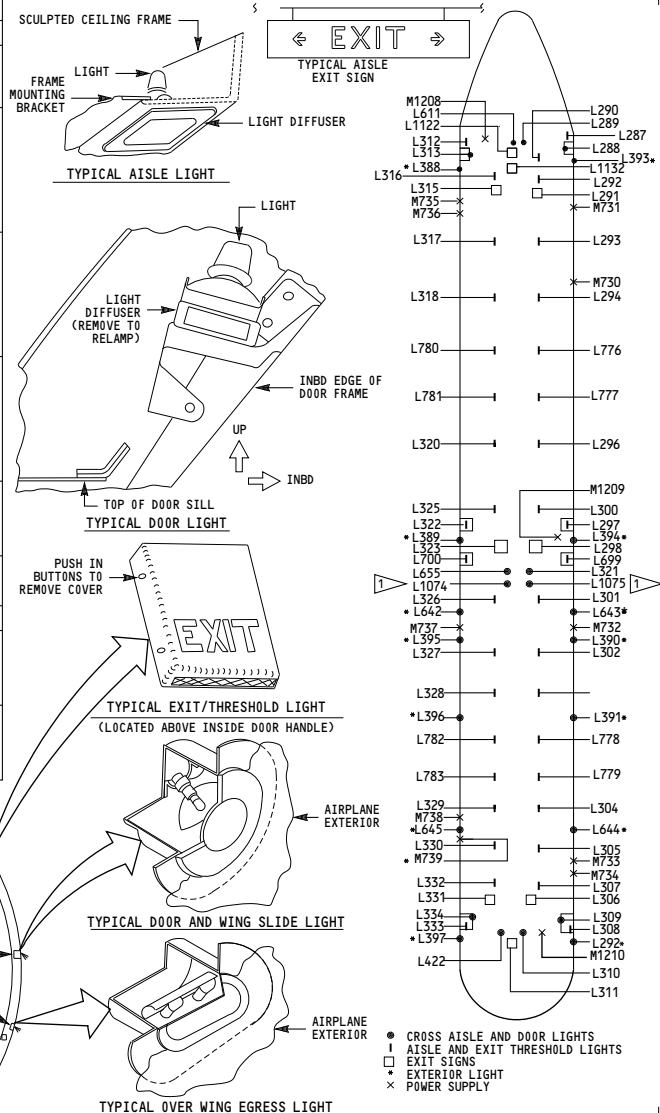
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**EMERGENCY LIGHTS**

D280T232

**33-51-01**

LEFT SIDE INTERIOR EMERGENCY LIGHTS										
EMERGENCY LIGHTS POWER SUPPLY						EMERGENCY LIGHT				
ITEM	CONN	REFERENCE POINT			OUTPUT PIN	ITEM	NOMENCLATURE			
		POWER (PIN 2)	CONT (PIN 3)	TEST (PIN 8)						
M735	D1084	PL	C2	TP	9	L316	AISLE DOOR LOWERED CEILING			
					10	L313				
					11	L611				
					12	L314				
					13	L315				
					14	L1132				
					15	L317				
16	L318									
M737	D1088	PL	C4	TP	9	L320	AISLE LOWERED CEILING			
					10	L655				
					11	L782				
					12	L327				
					13	L328				
					14	L323				
					15	L325				
16	NC									
M739	D1652	PL	C3	TP	9	L783	AISLE LOWERED CEILING			
					10	L329				
					11	L350				
					12	L332				
					13	L331				
					14	L422				
					15	L334				
M1208	D10718	PL	C3	TP	9	L312	L EXIT/THRESHOLD			
					10	L287				
LEFT SIDE EXTERIOR EMERGENCY LIGHTS										
M736	D1080	PLS	C3	TL	9	L388	L FWD DOOR SLIDE OVER WING EGRESS			
					10	L389				
					11	L395				
					12	L642				
M738	D1648	PLS	C2	TL	9	NC	L WING SLIDE AFT L DOOR SLIDE			
					10	L396				
					11	L397				
					12	L645				
RIGHT SIDE INTERIOR EMERGENCY LIGHTS										
EMERGENCY LIGHTS POWER SUPPLY						EMERGENCY LIGHT				
ITEM	CONN	REFERENCE POINT			OUTPUT PIN	ITEM	NOMENCLATURE			
		POWER (PIN 2)	CONT (PIN 3)	TEST (PIN 8)						
M730	D2746	PR	C1	TP	9	L292	AISLE AISLE DOOR LOWERED CEILING			
					10	L776				
					11	L288				
					12	L1122				
					13	L289				
					14	L290				
					15	L291				
16	L293									
M732	D1126	PR	C5	TP	9	L321	LOWERED CEILING AISLE AISLE EXIT SIGN			
					10	L296				
					11	L303				
					12	L298				
					13	L300				
					14	L777				
					15	L301				
16	L302									
M734	D170	PR	C4	TP	9	L304	AISLE AISLE AISLE AISLE LOWERED CEILING			
					10	L305				
					11	L306				
					12	L307				
					13	L310				
					14	L779				
					15	L309				
16	L311									
M1209	D10720	PR	C2	TP	9	L322	L EXIT/WING HATCH R EXIT/WING HATCH			
					10	L297				
					11	L699				
					12	L700				
M1210	D10722	PR	C1	TP	9	L333	L EXIT/THRESHOLD R EXIT/THRESHOLD			
					10	L308				
					11	NC				
					12	NC				
RIGHT SIDE EXTERIOR EMERGENCY LIGHTS										
M731	D1122	PRS	C5	TR	9	L393	R FWD DOOR SLIDE OVER WING EGRESS			
					10	L394				
					11	L390				
					12	L643				
M733	D2610	PRS	C1	TR	9	NC	R WING SLIDE AFT R DOOR SLIDE			
					10	L391				
					11	L392				
					12	L644				



NOTES:  
 ▽ VN158-VN158 ONLY

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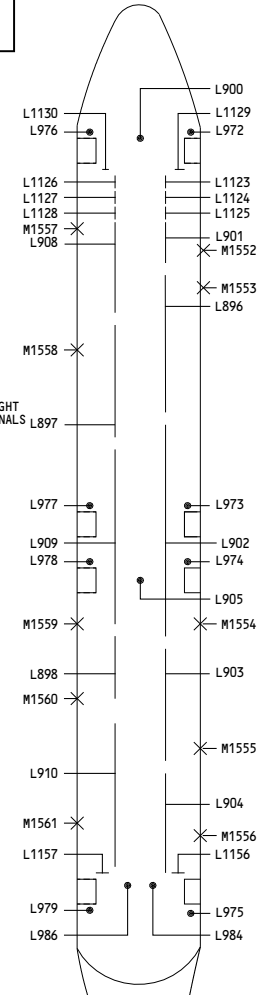
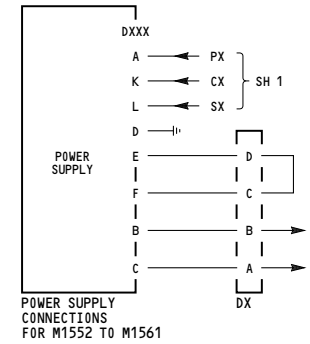
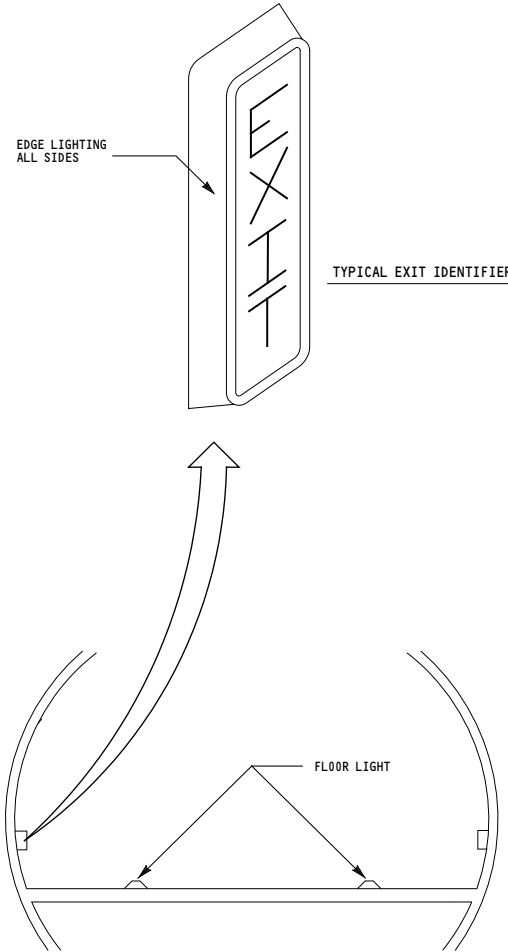
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WIRING DIAGRAMS  
33-51-14  
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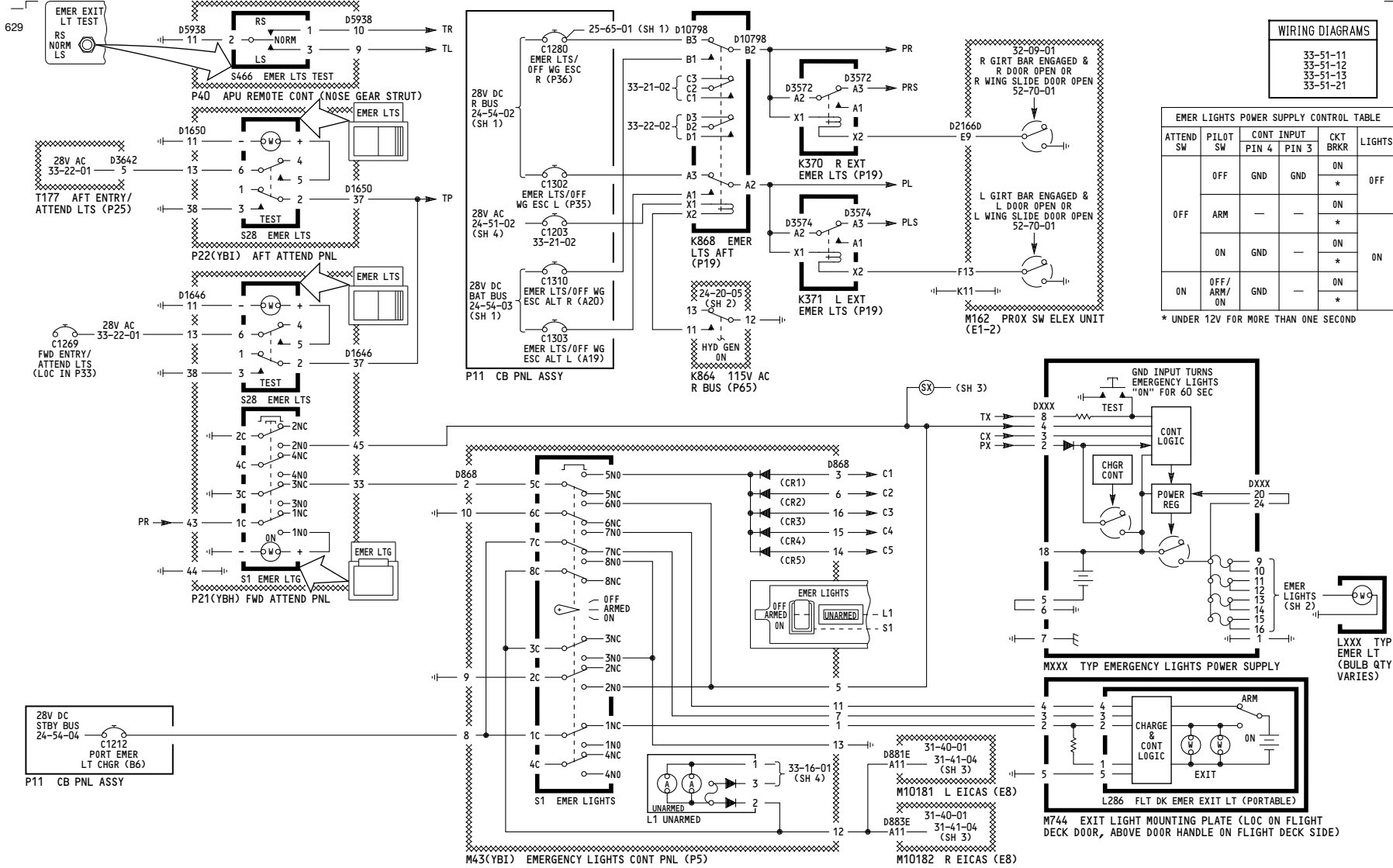
EMERGENCY LIGHTS POWER SUPPLY					EMERGENCY LIGHT		
ITEM	CONN	REFERENCE POINT		OUTPUT PIN	STA AND SIDE	ITEM	NOMENCLATURE
		POWER PIN (A)	CONT PIN (K)				
M1552	D13238	PR	C1	B,C	533R	L901	AISLE FLOOR LIGHT
						L900	FWD CROSS AISLE
						L1123	AISLE FLOOR LIGHT
						L1124	AISLE FLOOR LIGHT
						L1125	AISLE FLOOR LIGHT
						L1129	AISLE TO EXIT MARKER
						L976	EXIT IDENTIFIER
L972	EXIT IDENTIFIER						
M1553	D13242	PR	C5	B,C	643R	L896	AISLE FLOOR LIGHT
M1554	D13240	PR	C5	B,C	1010R	L902	AISLE FLOOR LIGHT
						L905	MID CROSS AISLE
M1555	D13246	PR	C1	B,C	1208R	L903	AISLE FLOOR LIGHT
M1556	D13244	PR	C4	B,C	1384R	L904	AISLE FLOOR LIGHT
						L984	AFT RIGHT CROSS AISLE
						L1156	AISLE TO EXIT MARKER
M1557	D13206	PL	C2	B,C	489L	L908	AISLE FLOOR LIGHT
						L1126	AISLE FLOOR LIGHT
						L1127	AISLE FLOOR LIGHT
						L1128	AISLE FLOOR LIGHT
						L1130	AISLE TO EXIT MARKER
M1558	D13254	PL	C2	B,C	654+55L	L897	AISLE FLOOR LIGHT
M1559	D13265	PL	C3	B,C	1032L	L973	EXIT IDENTIFIER
						L977	EXIT IDENTIFIER
						L978	EXIT IDENTIFIER
						L974	EXIT IDENTIFIER
						L909	AISLE FLOOR LIGHT
M1560	D13265	P1	C3	B,C	1197+33L	L898	AISLE FLOOR LIGHT
M1561	D13210	PL	C3	B,C	1362L	L979	EXIT IDENTIFIER
						L975	EXIT IDENTIFIER
						L910	AISLE FLOOR LIGHT
						L986	AFT LEFT CROSS AISLE
						L1157	AISLE TO EXIT MARKER



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**WIRING DIAGRAMS**

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**EMER LIGHTS POWER SUPPLY CONTROL TABLE**

ATTEND SW	PILOT SW	CONT INPUT		CKT BRKR	LIGHTS
		PIN 4	PIN 3		
OFF	OFF	GND	GND	ON	OFF
	ARM	—	—	ON	
	ON	GND	—	ON	
ON	OFF/ARM/ON	GND	—	ON	ON

\* UNDER 12V FOR MORE THAN ONE SECOND

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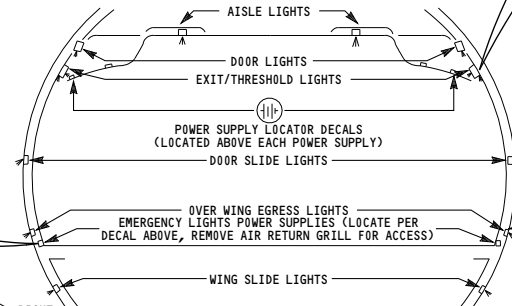
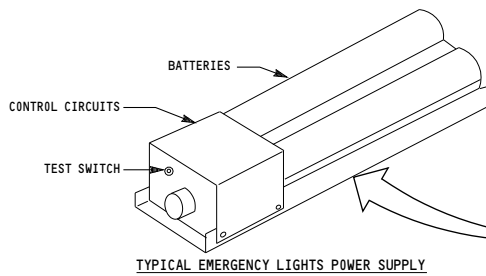
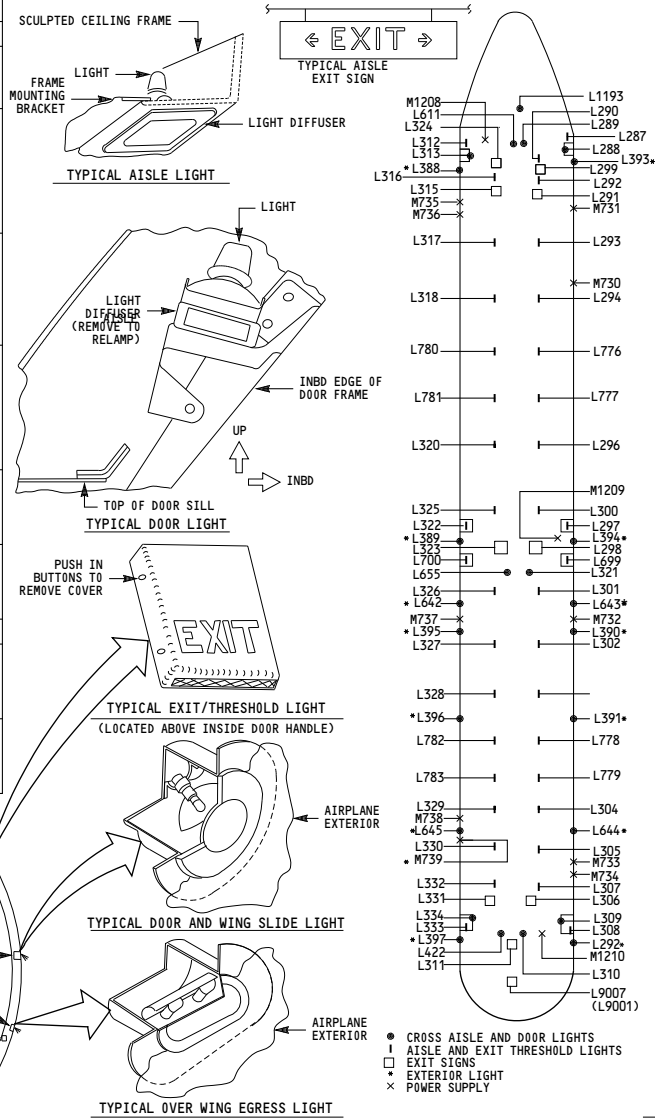
**EMERGENCY LIGHTS**

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LEFT SIDE INTERIOR EMERGENCY LIGHTS															
EMERGENCY LIGHTS POWER SUPPLY					EMERGENCY LIGHT										
ITEM	CONN	REFERENCE POINT			OUTPUT PIN	ITEM	NOMENCLATURE								
		POWER (PIN 2)	CONT (PIN 3)	TEST (PIN 8)											
M735	D1084	PL	C2	TP	9	L324	EXIT SIGN								
					10	L313	DOOR LOWERED CEILING								
					11	L611	DOOR LOWERED CEILING								
					12	L314	EXIT SIGN								
					12	L315	EXIT SIGN								
					12	L316	EXIT SIGN								
					13	L1193	FLI DK CR REST EMER LT								
					14	L317	EXIT SIGN								
					15	L318	EXIT SIGN								
					15	L780	EXIT SIGN								
					16	L780	EXIT SIGN								
					M737	D1088	PL	C4	TP	9	L320	DOOR LOWERED CEILING			
										10	L655	DOOR LOWERED CEILING			
										11	L782	EXIT SIGN			
										11	L327	EXIT SIGN			
										12	L328	EXIT SIGN			
12	L323	EXIT SIGN													
13	L325	EXIT SIGN													
14	NC														
15	L326	EXIT SIGN													
M739	D1652	PL	C3	TP						9	L783	EXIT SIGN			
										10	L329	EXIT SIGN			
										11	L330	EXIT SIGN			
										11	L332	EXIT SIGN			
										12	L331	EXIT SIGN			
										15	L422	DOOR LOWERED CEILING			
M1208	D10718	PL	C3	TP	9	L312	L EXIT/THRESHOLD								
					10	L287	R EXIT/THRESHOLD								
LEFT SIDE EXTERIOR EMERGENCY LIGHTS															
M736	D1080	PLS	C3	TL	9	L388	L FWD DOOR SLIDE								
					10	L389	OVER WING EGRESS								
					11	L395	OVER WING EGRESS								
					13-16	L642	OVER WING EGRESS								
M738	D1648	PLS	C2	TL	9	NC	L WING SLIDE								
					10	L396	AFT L DOOR SLIDE								
					11	L397	AFT L DOOR SLIDE								
					13-16	L645	L WING SLIDE								

RIGHT SIDE INTERIOR EMERGENCY LIGHTS															
EMERGENCY LIGHTS POWER SUPPLY					EMERGENCY LIGHT										
ITEM	CONN	REFERENCE POINT			OUTPUT PIN	ITEM	NOMENCLATURE								
		POWER (PIN 2)	CONT (PIN 3)	TEST (PIN 8)											
M730	D2746	PR	C1	TP	9	L292	DOOR LOWERED CEILING								
					10	L776	DOOR LOWERED CEILING								
					11	L288	EXIT SIGN								
					11	L289	EXIT SIGN								
					12	L290	EXIT SIGN								
					12	L299	EXIT SIGN								
					13	L291	EXIT SIGN								
					15	L293	EXIT SIGN								
					16	L294	EXIT SIGN								
					M732	D1126	PR	C5	TP	9	L321	DOOR LOWERED CEILING			
										10	L296	DOOR LOWERED CEILING			
										11	L303	EXIT SIGN			
										12	L298	EXIT SIGN			
										13	L300	EXIT SIGN			
										14	L777	EXIT SIGN			
										15	L301	EXIT SIGN			
16	L302	EXIT SIGN													
M734	D170	PR	C4	TP						9	L304	EXIT SIGN			
										10	L305	EXIT SIGN			
										11	L306	EXIT SIGN			
										11	L307	EXIT SIGN			
										12	L310	DOOR LOWERED CEILING			
										13	L779	DOOR LOWERED CEILING			
										14	L309	DOOR LOWERED CEILING			
										15	L311	EXIT SIGN			
					16	L778	EXIT SIGN								
					M1209	D10720	PR	C2	TP	9	L322	L EXIT/WING HATCH			
										10	L297	R EXIT/WING HATCH			
										11	L699	R EXIT/WING HATCH			
										12	L700	L EXIT/WING HATCH			
										13-16	NC				
										M1210	D10722	PR	C1	TP	9
					10	L308	R EXIT/THRESHOLD								
11	L9007 (L9001)	EXIT SIGN LIGHT													
12-16	NC														
RIGHT SIDE EXTERIOR EMERGENCY LIGHTS															
M731	D1122	PRS	C5	TR	9	L393	R FWD DOOR SLIDE								
					10	L394	OVER WING EGRESS								
					11	L390	OVER WING EGRESS								
					13-16	L643	OVER WING EGRESS								
M733	D2610	PRS	C1	TR	9	NC	R WING SLIDE								
					10	L391	AFT R DOOR SLIDE								
					11	L392	AFT R DOOR SLIDE								
					13-16	L644	R WING SLIDE								



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**EMERGENCY LIGHTS**

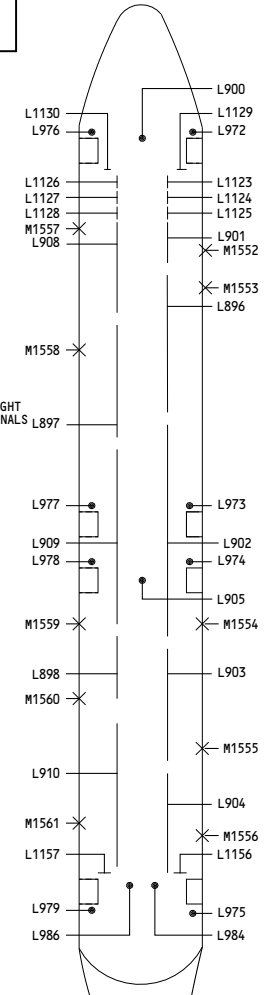
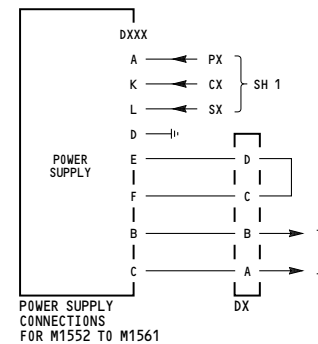
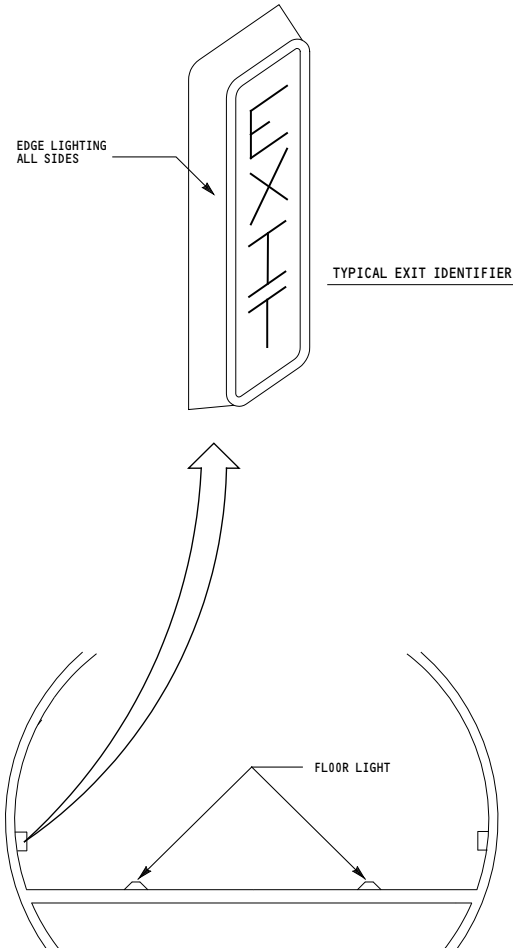
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33-51-14  
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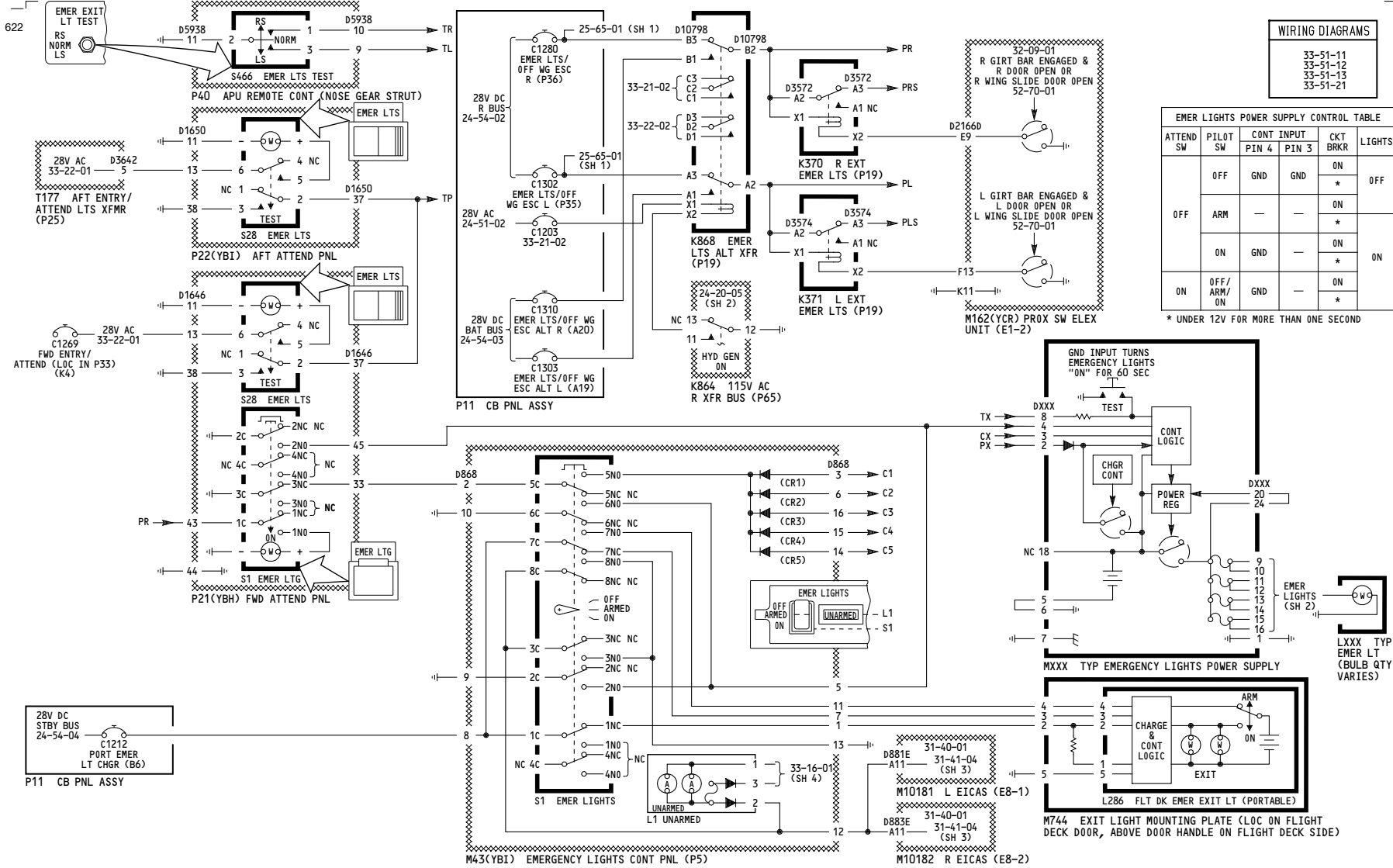
EMERGENCY LIGHTS POWER SUPPLY					EMERGENCY LIGHT		
ITEM	CONN	REFERENCE POINT		OUTPUT PIN	STA AND SIDE	ITEM	NOMENCLATURE
		POWER PIN (A)	CONT PIN (K)				
M1552	D13238	PR	C1	B,C	533R	L901	AISLE FLOOR LIGHT
						L900	FWD CROSS AISLE
						L1123	AISLE FLOOR LIGHT
						L1124	AISLE FLOOR LIGHT
						L1125	AISLE FLOOR LIGHT
						L1129	AISLE TO EXIT MARKER
						L976	EXIT IDENTIFIER
L972	EXIT IDENTIFIER						
M1553	D13242	PR	C5	B,C	643R	L896	AISLE FLOOR LIGHT
M1554	D13240	PR	C5	B,C	1010R	L902	AISLE FLOOR LIGHT
						L905	MID CROSS AISLE
M1555	D13246	PR	C1	B,C	1208R	L903	AISLE FLOOR LIGHT
M1556	D13244	PR	C4	B,C	1384R	L904	AISLE FLOOR LIGHT
						L984	AFT RIGHT CROSS AISLE
						L1156	AISLE TO EXIT MARKER
M1557	D13206	PL	C2	B,C	489L	L908	AISLE FLOOR LIGHT
						L1126	AISLE FLOOR LIGHT
						L1127	AISLE FLOOR LIGHT
						L1128	AISLE FLOOR LIGHT
						L1130	AISLE TO EXIT MARKER
M1558	D13254	PL	C2	B,C	654+55L	L897	AISLE FLOOR LIGHT
M1559	D13265	PL	C3	B,C	1032L	L973	EXIT IDENTIFIER
						L977	EXIT IDENTIFIER
						L978	EXIT IDENTIFIER
						L974	EXIT IDENTIFIER
						L909	AISLE FLOOR LIGHT
M1560	D13265	P1	C3	B,C	1197+33L	L898	AISLE FLOOR LIGHT
M1561	D13210	PL	C3	B,C	1362L	L979	EXIT IDENTIFIER
						L975	EXIT IDENTIFIER
						L910	AISLE FLOOR LIGHT
						L986	AFT LEFT CROSS AISLE
						L1157	AISLE TO EXIT MARKER



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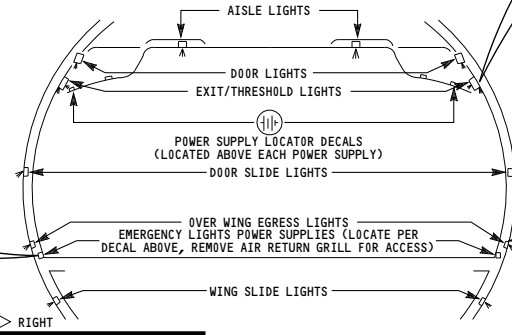
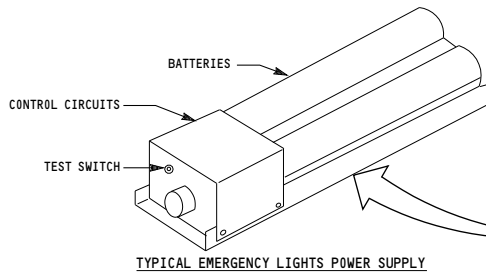
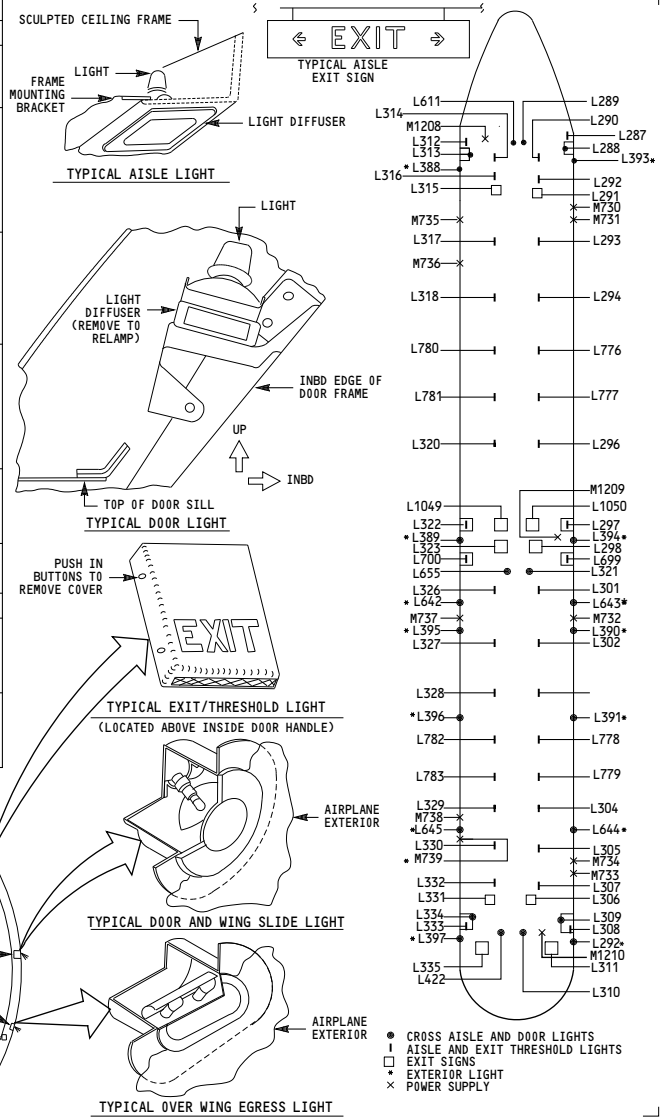
**EMERGENCY LIGHTS**

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LEFT SIDE INTERIOR EMERGENCY LIGHTS										
EMERGENCY LIGHTS POWER SUPPLY						EMERGENCY LIGHT				
ITEM	CONN	REFERENCE POINT			OUTPUT PIN	ITEM	NOMENCLATURE			
		POWER (PIN 2)	CONT (PIN 3)	TEST (PIN 8)						
M735	D1084	PL	C2	TP	10	L313	DOOR			
					11	L611	LOWERED CEILING			
					12	L314	AISLE			
					13	L315	EXIT SIGN			
					14	L316	AISLE			
					15	L317	AISLE			
M737	D1088	PL	C4	TP	9	L320	DOOR			
					10	L655	LOWERED CEILING			
					11	L1049	EXIT SIGN			
					12	L782	AISLE			
					13	L327	EXIT SIGN			
					14	L328	EXIT SIGN			
M739	D1652	PL	C3	TP	9	L783	DOOR			
					10	L329	LOWERED CEILING			
					11	L350	EXIT SIGN			
					12	L332	EXIT SIGN			
					14	L422	DOOR			
					15	L334	EXIT SIGN			
M1208	D10718	PL	C3	TP	9	L312	L EXIT/THRESHOLD			
					10	L287	R EXIT/THRESHOLD			
LEFT SIDE EXTERIOR EMERGENCY LIGHTS										
M736	D1080	PLS	C3	TL	9	L388	L FWD DOOR SLIDE			
					10	L389	OVER WING EGRESS			
					11	L395	OVER WING EGRESS			
					12	L642	OVER WING EGRESS			
M738	D1648	PLS	C2	TL	9	NC	L WING SLIDE			
					10	L396	AFT L DOOR SLIDE			
					11	L397	L WING SLIDE			
					13-16	NC				

RIGHT SIDE INTERIOR EMERGENCY LIGHTS										
EMERGENCY LIGHTS POWER SUPPLY						EMERGENCY LIGHT				
ITEM	CONN	REFERENCE POINT			OUTPUT PIN	ITEM	NOMENCLATURE			
		POWER (PIN 2)	CONT (PIN 3)	TEST (PIN 8)						
M730	D2746	PR	C1	TP	10	L288	DOOR			
					11	L289	LOWERED CEILING			
					12	L290	AISLE			
					13	L292	AISLE			
					14	L293	AISLE			
					15	L776	AISLE			
M732	D1126	PR	C5	TP	9	L321	DOOR			
					10	L296	LOWERED CEILING			
					11	L1050	EXIT SIGN			
					12	L303	EXIT SIGN			
					14	L777	EXIT SIGN			
					15	L301	EXIT SIGN			
M734	D170	PR	C4	TP	9	L304	DOOR			
					10	L305	DOOR			
					11	L306	DOOR			
					12	L307	DOOR			
					13	L310	LOWERED CEILING			
					14	L779	DOOR			
M1209	D10720	PR	C2	TP	9	L322	L EXIT/WING HATCH			
					10	L297	R EXIT/WING HATCH			
					11	L699	R EXIT/WING HATCH			
					12	L700	L EXIT/WING HATCH			
M1210	D10722	PR	C1	TP	9	L333	L EXIT/THRESHOLD			
					10	L308	R EXIT/THRESHOLD			
					11-16	NC				
					13-16	NC				
RIGHT SIDE EXTERIOR EMERGENCY LIGHTS										
M731	D1122	PRS	C5	TR	9	L393	R FWD DOOR SLIDE			
					10	L394	OVER WING EGRESS			
					11	L390	OVER WING EGRESS			
					12	L643	OVER WING EGRESS			
M733	D2610	PRS	C1	TR	9	NC	R WING SLIDE			
					10	L391	AFT R DOOR SLIDE			
					11	L392	R WING SLIDE			
					12	L644	R WING SLIDE			



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**EMERGENCY LIGHTS**

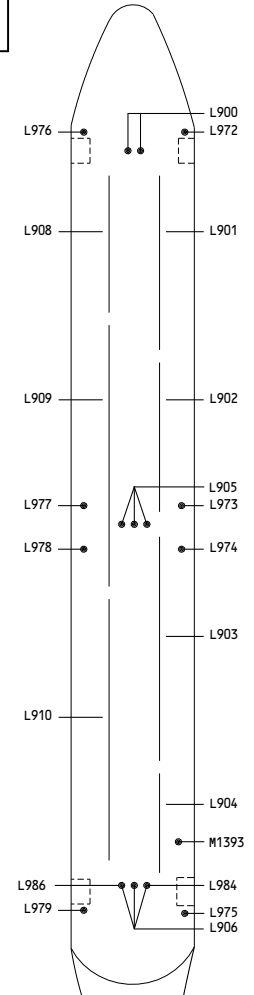
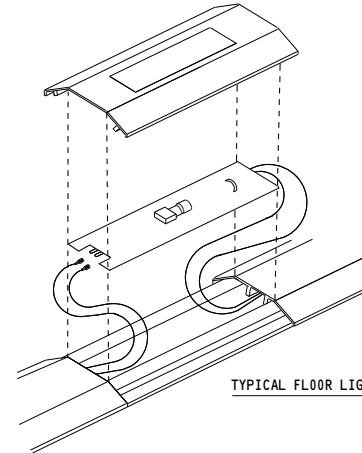
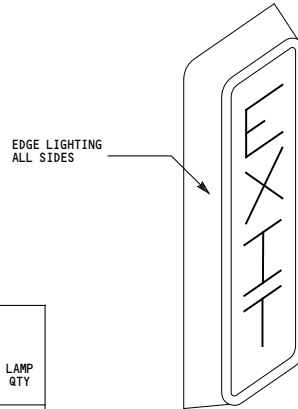
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EMERGENCY LIGHTS POWER SUPPLY			E. L. LIGHTS INVERTER		EMERGENCY LIGHT	
ITEM	CONN	OUTPUT PIN	ITEM	ITEM	NOMENCLATURE	LAMP QTY
M735	D1084	9		L908	AISLE FLOOR	9
M737	D1088	13		L909	AISLE FLOOR	15
M739	D1652	13		L910	AISLE FLOOR	15
M1208	D10718	10 9		L972	R EXIT IDENTIFIER	5
				L976	L EXIT IDENTIFIER	5
M730	D2746	9 9		L900	FWD CROSS AISLE	2
				L901	AISLE FLOOR	8
M732	D1126	13		L903	AISLE FLOOR	11
M1209	D10720	13 13 14 14 9 12		L902	AISLE FLOOR	10
				L905	CROSS MID AISLE	3
				L973	R EXIT IDENTIFIER	5
				L974	R EXIT IDENTIFIER	5
				L977	L EXIT IDENTIFIER	5
				L978	L EXIT IDENTIFIER	5
M1210	D10722	13 13 13 10 9	M1393 M1393	L904	AISLE FLOOR	9
				L984	AFT R CROSS AISLE L	
				L986	AFT-L CROSS AISLE L	
				L975	R EXIT IDENTIFIER	5
				L979	L EXIT IDENTIFIER	5



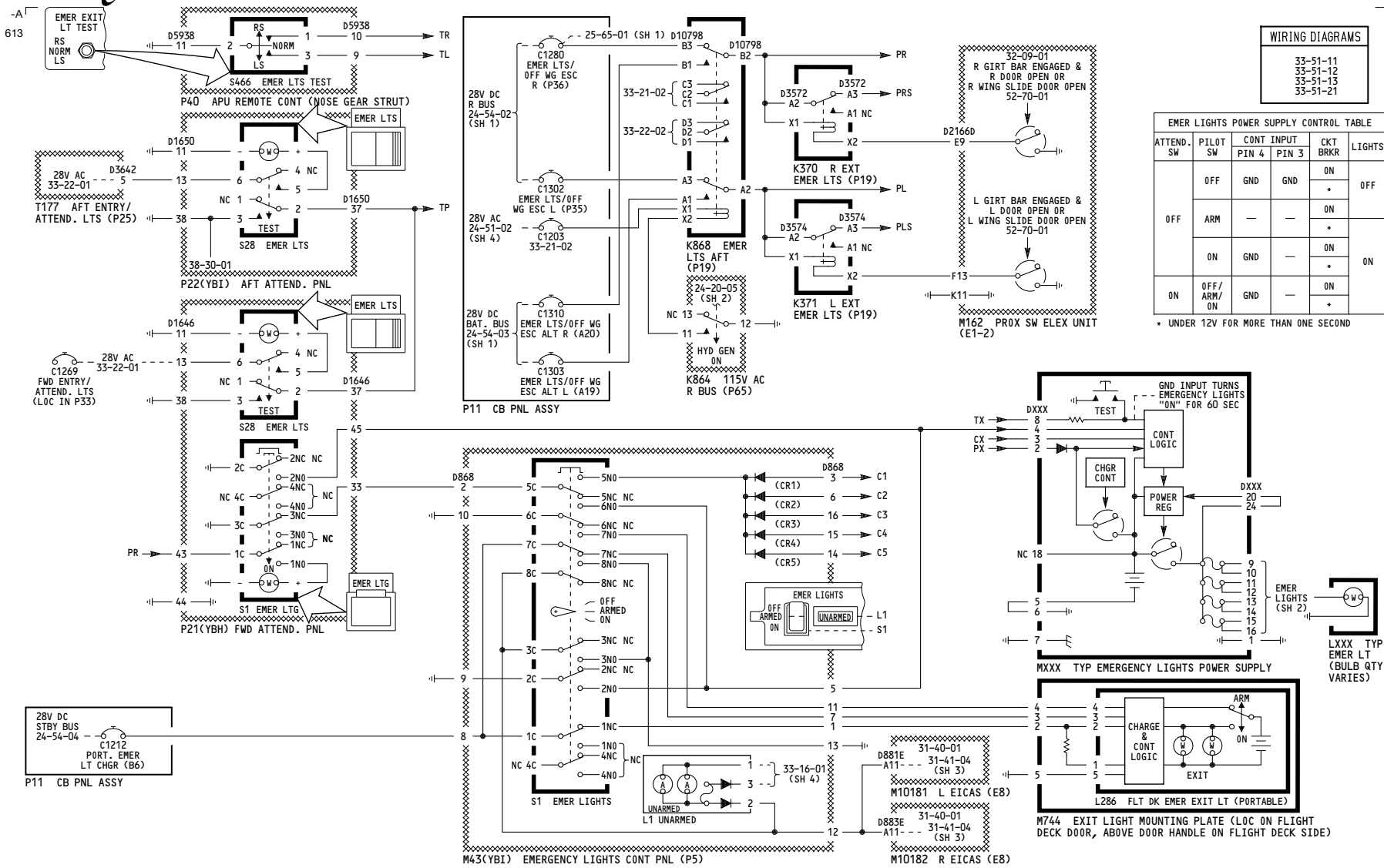
▶ ELECTROLUMINESCENT STRIPS

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**WIRING DIAGRAMS**

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**EMER LIGHTS POWER SUPPLY CONTROL TABLE**

ATTEND. SW	PILOT SW	CONT INPUT PIN 4	CONT INPUT PIN 3	CKT BRKR	LIGHTS
OFF	OFF	GND	GND	ON	OFF
	ARM	—	—	ON	
	ON	GND	—	ON	
ON	OFF/ARM/ON	GND	—	ON	ON

\* UNDER 12V FOR MORE THAN ONE SECOND

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**EMERGENCY LIGHTS**

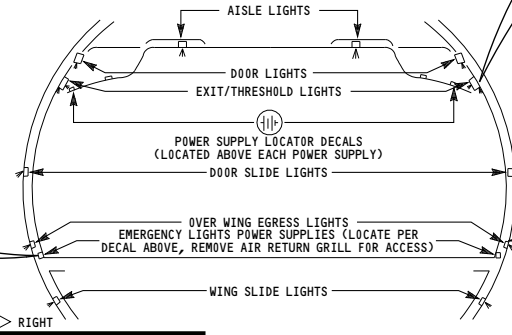
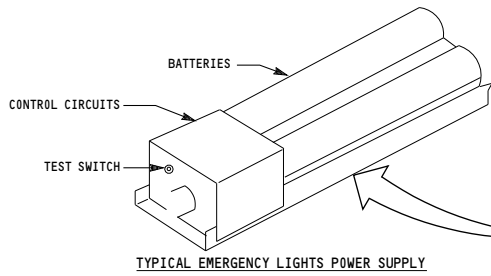
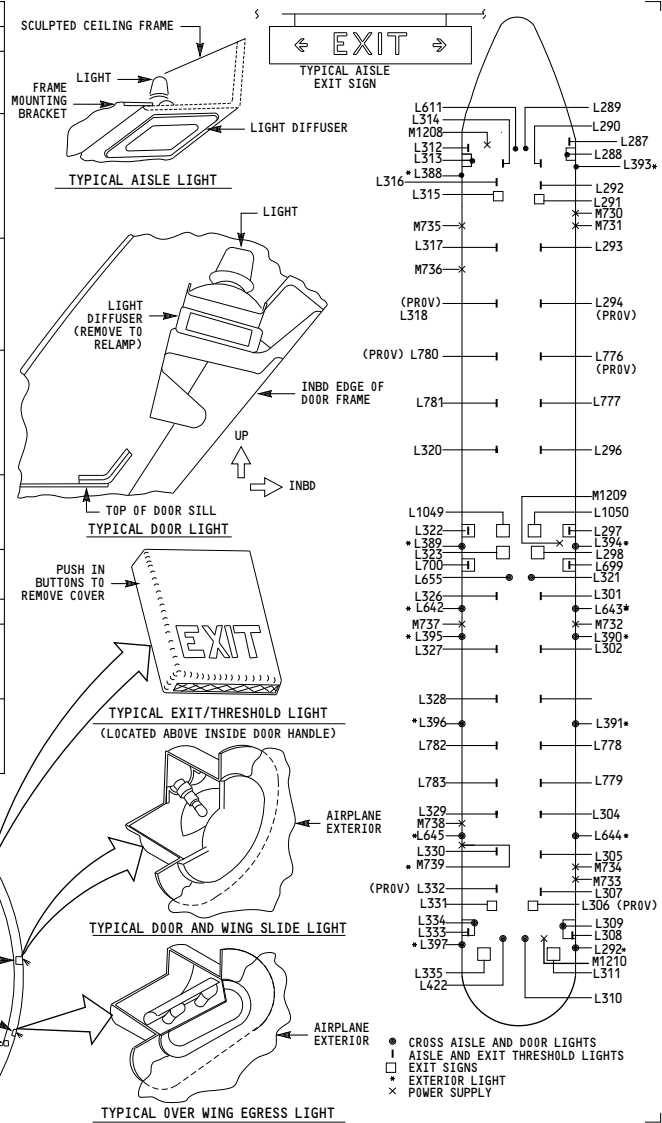
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LEFT SIDE INTERIOR EMERGENCY LIGHTS										
EMERGENCY LIGHTS POWER SUPPLY						EMERGENCY LIGHT				
ITEM	CONN	REFERENCE POINT			OUTPUT PIN	ITEM	NOMENCLATURE			
		POWER (PIN 2)	CONT (PIN 3)	TEST (PIN 8)						
M735	D1084	PL	C2	TP	10	L313	DOOR			
					11	L611	LOWERED CEILING			
					12	L314	AISLE			
					13	L315	EXIT SIGN			
					14	L316	AISLE			
					15	L317	AISLE			
M737	D1088	PL	C4	TP	9	L320	DOOR			
					10	L655	LOWERED CEILING			
					11	L1049	EXIT SIGN			
					12	L782	AISLE			
					13	L327	EXIT SIGN			
					14	L328	EXIT SIGN			
M739	D1652	PL	C3	TP	9	L783	DOOR			
					10	L329	LOWERED CEILING			
					11	L330	EXIT SIGN			
					12	L332	EXIT SIGN			
					14	L422	LOWERED CEILING			
					15	L334	DOOR			
M1208	D10718	PL	C3	TP	9	L312	L EXIT/THRESHOLD			
					10	L287	R EXIT/THRESHOLD			
LEFT SIDE EXTERIOR EMERGENCY LIGHTS										
M736	D1080	PLS	C3	TL	9	L388	L FWD DOOR SLIDE			
					10	L389	OVER WING EGRESS			
					11	L395	OVER WING EGRESS			
					12	L642	OVER WING EGRESS			
M738	D1648	PLS	C2	TL	9	NC	L WING SLIDE			
					10	L396	AFT L DOOR SLIDE			
					11	L397	L WING SLIDE			
					12	L645	L WING SLIDE			

RIGHT SIDE INTERIOR EMERGENCY LIGHTS										
EMERGENCY LIGHTS POWER SUPPLY						EMERGENCY LIGHT				
ITEM	CONN	REFERENCE POINT			OUTPUT PIN	ITEM	NOMENCLATURE			
		POWER (PIN 2)	CONT (PIN 3)	TEST (PIN 8)						
M730	D2746	PR	C1	TP	10	L288	DOOR			
					11	L289	LOWERED CEILING			
					12	L290	AISLE			
					13	L292	AISLE			
					14	L293	AISLE			
					15	L776	AISLE			
M732	D1126	PR	C5	TP	9	L321	DOOR			
					10	L296	LOWERED CEILING			
					11	L1050	EXIT SIGN			
					12	L303	EXIT SIGN			
					14	L777	EXIT SIGN			
					15	L301	EXIT SIGN			
M734	D170	PR	C4	TP	9	L304	DOOR			
					10	L305	DOOR			
					11	L306	DOOR			
					12	L307	DOOR			
					13	L310	LOWERED CEILING			
					14	L779	DOOR			
M1209	D10720	PR	C2	TP	9	L322	L EXIT/WING HATCH			
					10	L297	R EXIT/WING HATCH			
					11	L699	R EXIT/WING HATCH			
					12	L700	L EXIT/WING HATCH			
M1210	D10722	PR	C1	TP	9	L333	L EXIT/THRESHOLD			
					10	L308	R EXIT/THRESHOLD			
					11	NC				
					13-16	NC				
RIGHT SIDE EXTERIOR EMERGENCY LIGHTS										
M731	D1122	PRS	C5	TR	9	L393	R FWD DOOR SLIDE			
					10	L394	OVER WING EGRESS			
					11	L390	OVER WING EGRESS			
					12	L643	OVER WING EGRESS			
M733	D2610	PRS	C1	TR	9	NC	R WING SLIDE			
					10	L391	AFT R DOOR SLIDE			
					11	L392	R WING SLIDE			
					12	L644	R WING SLIDE			



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**EMERGENCY LIGHTS**

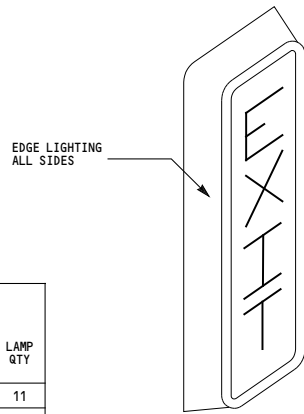
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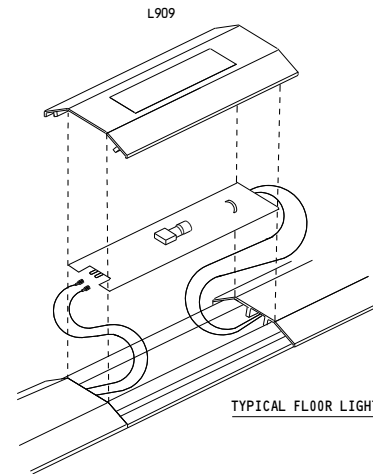
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WIRING DIAGRAMS  
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33-51-17

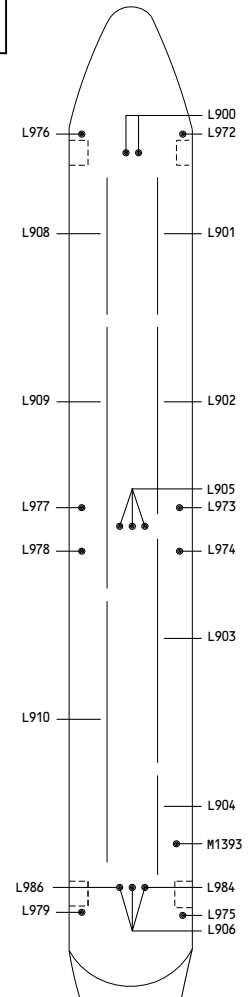
EMERGENCY LIGHTS POWER SUPPLY			E. L. LIGHTS INVERTER		EMERGENCY LIGHT		LAMP QTY
ITEM	CONN	OUTPUT PIN	ITEM	ITEM	NOMENCLATURE		
M735	D1084	9		L908	AISLE FLOOR	11	
M737	D1088	13		L909	AISLE FLOOR	16	
M739	D1652	13		L910	AISLE FLOOR	15	
M1208	D10718	10		L972	R EXIT IDENTIFIER	5	
		9		L976	L EXIT IDENTIFIER	5	
M730	D2746	9		L900	FWD CROSS AISLE	2	
		9		L901	AISLE FLOOR	11	
M732	D1126	13		L903	AISLE FLOOR	11	
M1209	D10720	13		L902	AISLE FLOOR	13	
		13		L905	MID CROSS AISLE	3	
		14		L973	R EXIT IDENTIFIER	5	
		14		L974	R EXIT IDENTIFIER	5	
		9		L977	L EXIT IDENTIFIER	5	
		12		L978	L EXIT IDENTIFIER	5	
M1210	D10722	13		L904	AISLE FLOOR	9	
		13	M1393 M1393	L984	AFT R CROSS AISLE L		
		13		L986	AFT-L CROSS AISLE L		
		10	L975	R EXIT IDENTIFIER	5		
		9	L979	L EXIT IDENTIFIER	5		



TYPICAL EXIT IDENTIFIER



TYPICAL FLOOR LIGHT



1 ELECTROLUMINESCENT STRIPS

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