

REV	DESCRIPTION	DATE
A	INITIAL RELEASE	17-08-2024
B	CORRECTED REFERENCE DESIGNATORS FOR THE M13 AND M14 CONNECTORS AND ALL SPLICES	20-11-2024
C	INCORPORATED ECN-212-046 REV A AND CORRECTED P34 PIN ID ON THE -013 CONFIG	04-11-2025

_____ NEW WIRE / UNIT
 - - - - - EXISTING WIRE / UNIT

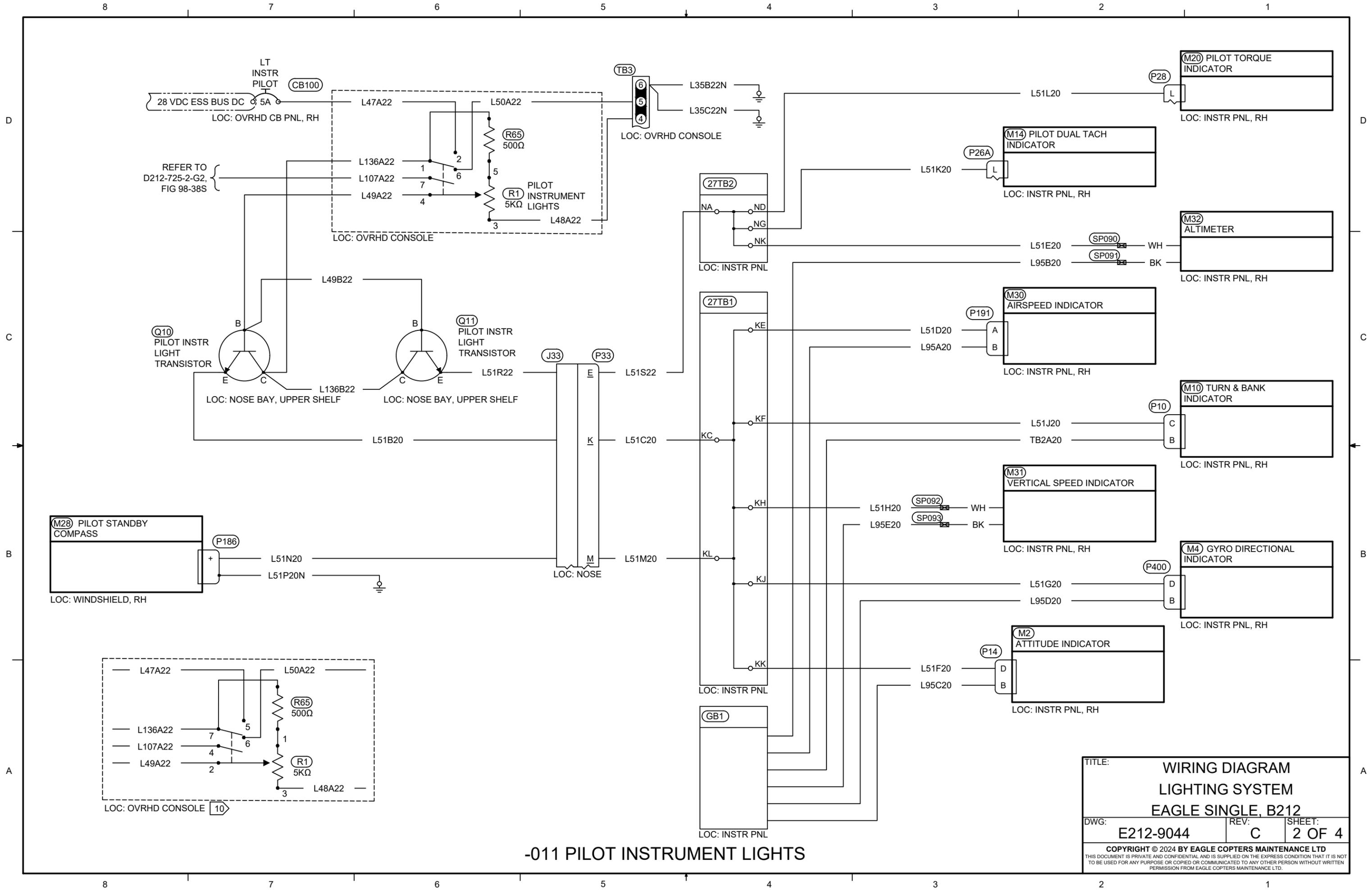
NOTES:

- PERFORM ALL WORK IN ACCORDANCE WITH BELL HELICOPTERS STANDARD PRACTICES MANUAL BHT-ELEC-SPM.
 - ALL NEW UNSHIELDED WIRE USE M22759/41-(XX)-9 OR EQUIVALENT TYPE WIRE. (M22759/41-(XX)-9 IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR). ALL WIRES 22 AWG UNLESS OTHERWISE SPECIFIED BY WIRE CODE. ALL JUMPERS TO BE LESS THAN 6 INCHES.
 - ALL NEW SHIELDED WIRE USE M27500-(XX)SM(X)N23 OR EQUIVALENT TYPE WIRE. (M27500-(XX)SM(X)N23 IS NOT INTENDED TO BE USED IN SOLDER APPLICATIONS, SOLDERABILITY CAN BE ACHIEVED WITH THE PROPER SOLDER. USE CRIMP SPLICES FOR REPAIR). SOLDER SLEEVES SHALL USE SN96 SOLDER, USE P/N S200-X-00 OR EQUIVALENT.
 - ALL AIRFRAME GROUNDS SHALL BE VIA LUG OR GROUNDING BLOCK AND PROVIDE SEPARATE GROUND STUD LOCATIONS FOR DC POWER GROUNDS, AC POWER GROUNDS, CHASSIS GROUNDS, SIGNAL GROUNDS AND SHIELD GROUNDS.
 - ALL EQUIPMENT BONDING TO ADJACENT AIRFRAME STRUCTURE TO BE 0.003 OHM OR LESS. ALL ELECTRICAL GROUNDING AND BONDING TO BE INSTALLED IN ACCORDANCE WITH THE LATEST REVISION OF BHT-ELEC-SPM CHAPTER 8.
 - ALL TERMINALS TO BE INSTALLED IN ACCORDANCE WITH THE LATEST REVISION OF BHT-ELEC-SPM PARAGRAPH 4-9.
 - ALL CONNECTORS TO BE INSTALLED IN ACCORDANCE WITH THE LATEST REVISION OF BHT-ELEC-SPM CHAPTER 5. ENSURE ALL UNUSED CONNECTOR CONTACTS ARE FILLED WITH SPARE PINS/SOCKETS OR PLASTIC GROMMET SEALING PLUGS. ENSURE ALL BULKHEAD MOUNTED CONNECTORS ARE PROPERLY BONDED TO AIRFRAME.
 - ENSURE ALL SWITCHES, CIRCUIT BREAKERS, AND REMOTE MOUNTED BOXES ARE LABELED WITH A CONSISTENT SIZE, FONT, COLOR, BACKGROUND AND ARE ILLUMINATED CONSISTENT AS EXISTING LABELS.
 - ROUTE ALL WIRES AND CABLES WITH EXISTING WIRE ROUTES WHERE POSSIBLE AND CLAMP IN ACCORDANCE WITH THE LATEST REVISION OF BHT-ELEC-SPM CHAPTER 6. WIRES MUST BE ROUTED WITH A MINIMUM OF 6 INCHES OF SEPARATION FROM OXYGEN AND FLUID LINES (MIN 2 INCHES IF WIRES IN CONDUIT).
- 10 WHEN USING ALTERNATE RHEOSTAT P/N: 86A2E-B28-A13/R53L, CONNECT WIRES TO PINS AS SHOWN.

-015	OVERHEAD LIGHTS	
-013	COPILOT INSTRUMENT LIGHTS	
-011	PILOT INSTRUMENT LIGHTS	
PART NUMBER	DESCRIPTION	REMARKS
BILL OF MATERIALS		

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REVIEWED	GS	
RELEASED	JP	
SCALE:	NTS	
TITLE:	WIRING DIAGRAM LIGHTING SYSTEM EAGLE SINGLE, B212	
DWG:	E212-9044	
REV:	C	SHEET:
		1 OF 4

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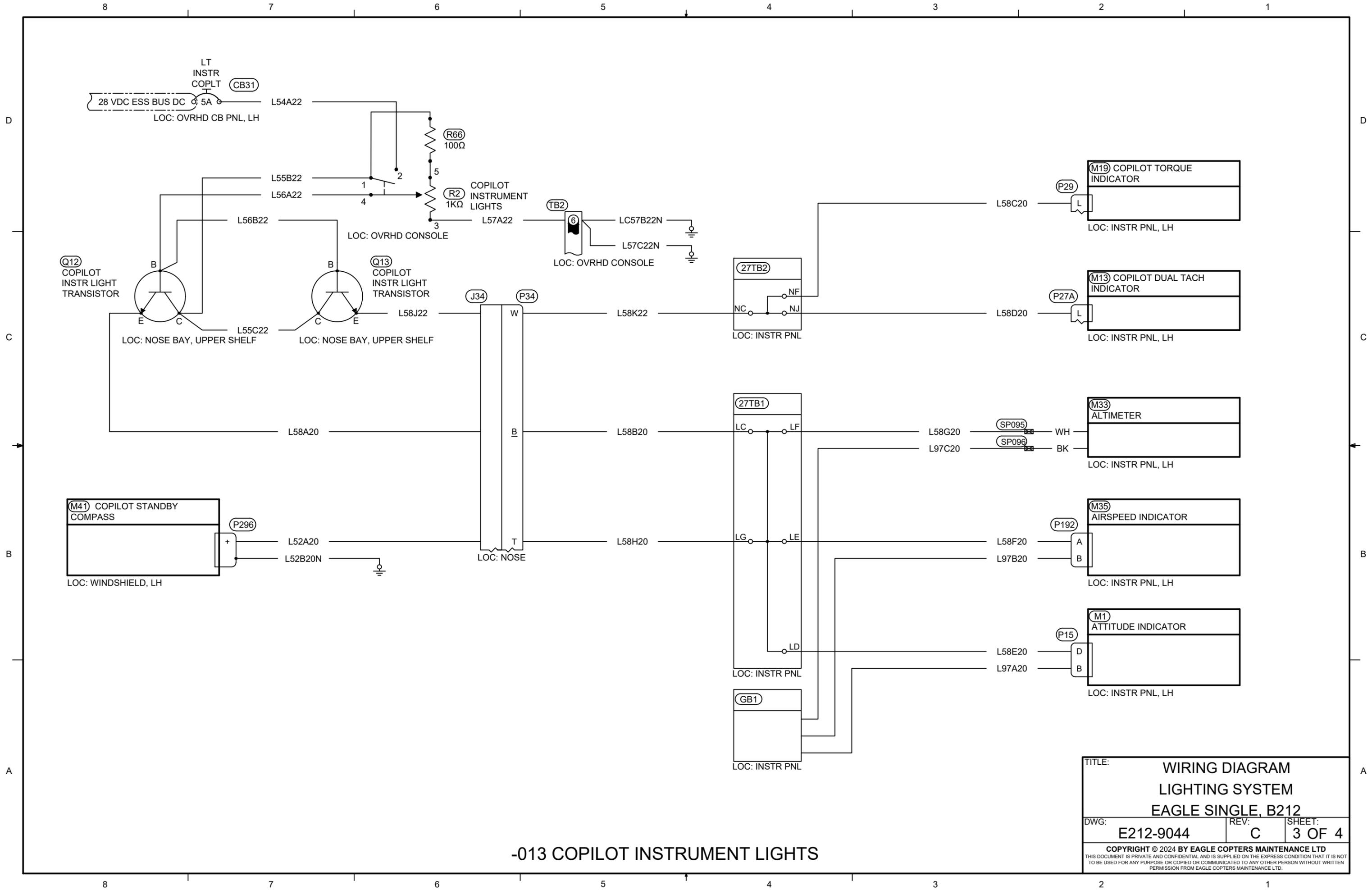
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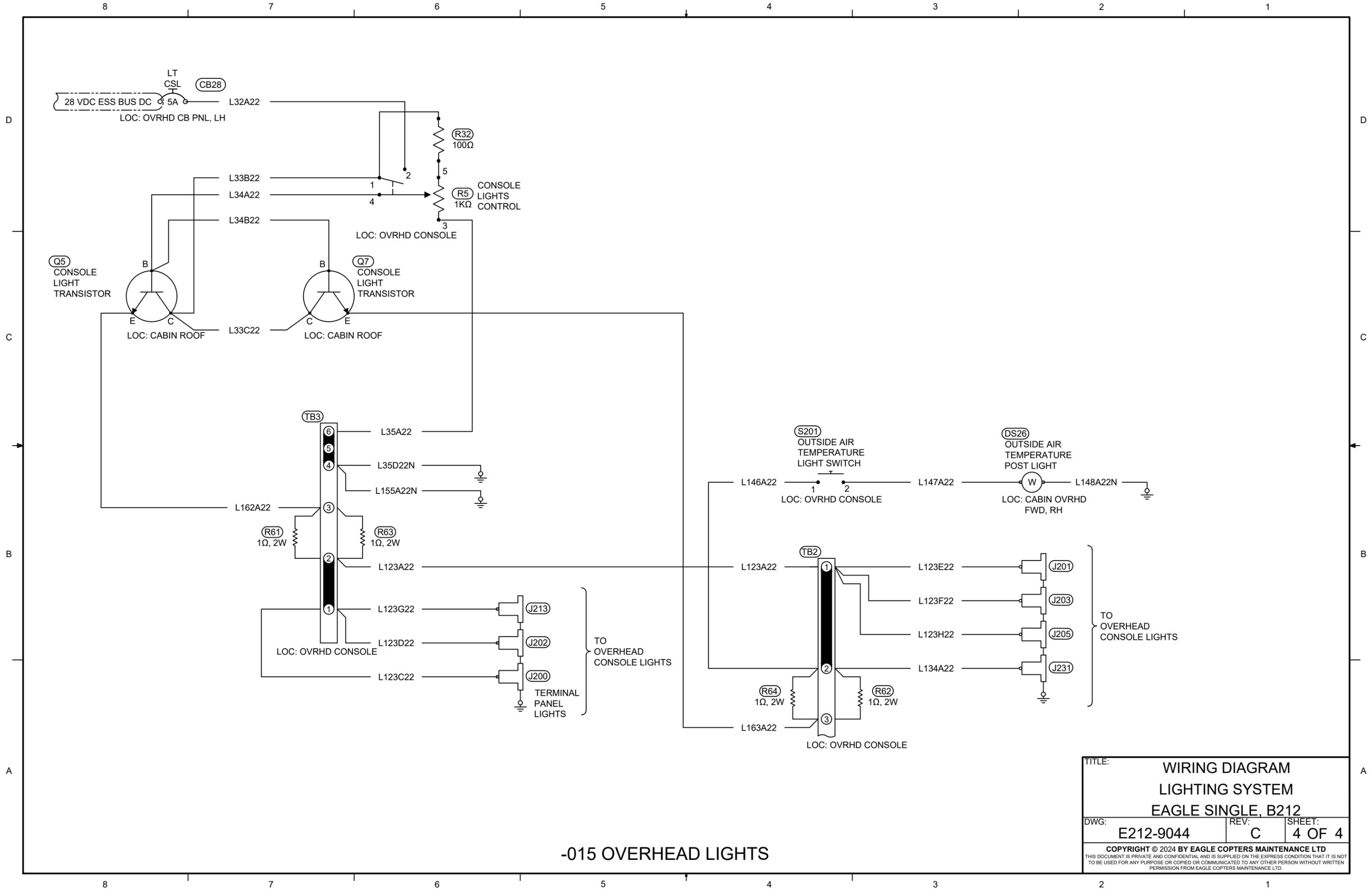
TITLE:		
WIRING DIAGRAM LIGHTING SYSTEM EAGLE SINGLE, B212		
DWG:	REV:	SHEET:
E212-9044	C	2 OF 4
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-011 PILOT INSTRUMENT LIGHTS



-013 COPILOT INSTRUMENT LIGHTS

TITLE:		
WIRING DIAGRAM LIGHTING SYSTEM EAGLE SINGLE, B212		
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-015 OVERHEAD LIGHTS

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