

NOTES:

1. BILL OF MATERIALS PROVIDES ALL POSSIBLE INSTALLATION CONFIGURATIONS. ONLY THE APPLICABLE CONFIGURATIONS ARE TO BE INSTALLED FOR EACH DEFINED BASELINE. SEE OPTIONAL INSTALLATIONS FOR AVAILABLE MODIFICATIONS TO A SERIES BASELINE.
2. SEE INSTALLATION DRAWINGS FOR DETAILS.
3. SELECTED OPTIONAL INSTALLATIONS (TECHNICAL BULLETINS) VARY BY AIRCRAFT, SEE AIRCRAFT RECORD SET FOR APPLICABILITY.
4. WHEN A TBN-212-002 OPTION IS SELECTED THE D212-725-2(-G2) FIG 98-67S OR E212-9050-013 BASELINE CLOCK INSTALLATION IS NOT APPLICABLE TO THAT AIRCRAFT.
5. REQUIRES TBN-212-001-011 OR TBN-212-001-013.
6. INACTIVE OPTIONAL INSTALLATIONS.

REV	DESCRIPTION	DATE
A	INITIAL RELEASE	05-04-2024

CONTINUED ON SHEET 2

-005 QTY	-003 QTY	-001 QTY	ITEM	PART NUMBER	DESCRIPTION	REMARKS	-005 QTY	-003 QTY	-001 QTY	ITEM	PART NUMBER	DESCRIPTION	REMARKS	
			1	52	D212-725-2 FIG 98-68S	TERMINAL BLOCK HOOKUP				1	25	D212-725-2 FIG 98-35S	COPILOT INSTRUMENT LIGHTS	
			1	51	D212-725-2 FIG 98-67S	PILOT & COPILOT CLOCKS	4			1	24	D212-725-2 FIG 98-34S	PILOT INSTRUMENT LIGHTS	
			1	50	D212-725-2 FIG 98-65S	ENGINE ANTI-ICING				1	23	D212-725-2 FIG 98-33S	FUEL QUANTITY INDICATION SYSTEM	
			1	49	D212-725-2 FIG 98-64S	PILOT & COPILOT CYCLIC STICK WIRING				1	22	D212-725-2 FIG 98-32S	ENGINE CONTROL PANEL (MODIFIED)	
			1	48	D212-725-2 FIG 98-63S	COPILOT COLLECTIVE STICK WIRING				1	21	D212-725-2 FIG 98-31S	RH FUEL SYSTEM	
			1	47	D212-725-2 FIG 98-62S	PILOT COLLECTIVE STICK WIRING				1	20	D212-725-2 FIG 98-30S	LH FUEL SYSTEM	
			1	46	D212-725-2 FIG 98-61S	WINDSHIELD WIPERS				1	19	D212-725-2 FIG 98-29S	TURN & BANK AND DIR GYRO INDICATORS	
			1	45	D212-725-2 FIG 98-60S	HEATER/AIR CONDITIONER				1	18	D212-725-2 FIG 98-28S	PILOT & COPILOT ATTITUDE INDICATORS	
			1	44	D212-725-2 FIG 98-59S	CARGO RELEASE				1	17	D212-725-2 FIG 98-27S	ENGINE FUEL PRESSURE INDICATOR	
			1	43	D212-725-2 FIG 98-57S	VENT BLOWERS				1	16	D212-725-2 FIG 98-26S	HOUR METER	
			1	42	D212-725-2 FIG 98-56S	PITOT STATIC HEATERS				1	15	D212-725-2 FIG 98-25S	HYDRAULIC PRESS & TEMP INDICATORS	
			1	41	D212-725-2 FIG 98-55S	CARGO FIRE DETECTION				1	14	D212-725-2 FIG 98-24S	TORQUE INDICATOR SYSTEM	
			1	40	D212-725-2 FIG 98-54S	FORCE TRIM				1	13	D212-725-2 FIG 98-23S	MGT/EGT INDICATOR SYSTEM	
			1	39	D212-725-2 FIG 98-49S	HYDRAULIC SYSTEM				1	12	D212-725-2 FIG 98-22S	DUAL TACH & GAS PRODUCER TACH IND	
			1	38	D212-725-2 FIG 98-48S	CARGO COMPARTMENT LIGHTS				1	11	D212-725-2 FIG 98-21S	OIL INDICATOR SYSTEM	
			1	37	D212-725-2 FIG 98-47S	LANDING LIGHTS				1	10	D212-725-2 FIG 98-20S	ENGINE FIRE DETECTION	
			1	36	D212-725-2 FIG 98-46S	POSITION LIGHTS				1	9	D212-725-2 FIG 98-19S	FIRE EXTINGUISHER SYSTEM	
			1	35	D212-725-2 FIG 98-45S	ANTI-COLLISION LIGHTS				1	8	D212-725-2 FIG 98-18S	GOVERNOR RPM	
			1	34	D212-725-2 FIG 98-44S	SEARCHLIGHT				1	7	D212-725-2 FIG 98-17S	RPM LIMIT DETECTOR	
			1	33	D212-725-2 FIG 98-43S	DOME LIGHTS				1	6	D212-725-2 FIG 98-15S	IDLE STOP	
			1	32	D212-725-2 FIG 98-42S	COCKPIT & UTILITY LIGHTS				1	5	D212-725-2 FIG 98-14S	ENGINE START	
			1	31	D212-725-2 FIG 98-41S	OVERHEAD LIGHTS				1	4	D212-725-2 FIG 98-13S	AC POWER	
			1	30	D212-725-2 FIG 98-40S	SECONDARY LIGHTS				1	3	D212-725-2 FIG 98-12S	BATTERY & EXTERNAL POWER	
			1	29	D212-725-2 FIG 98-39S	PEDESTAL LIGHTS				1	2	D212-725-2 FIG 98-11S	DC & AC POWER FEEDER SCHEMATIC	
			1	28	D212-725-2 FIG 98-38S	MASTER CAUTION LIGHTS				1	1	D212-725-2 FIG 98-10S	DC GENERATOR SYSTEM	
			1	27	D212-725-2 FIG 98-37S	MASTER CAUTION & RPM CAUTION LIGHTS						-005	ELECTRICAL & INSTRUMENTATION, GEN 2+	MSN: 35034, 35048, 35060, 35088
			1	26	D212-725-2 FIG 98-36S	ENGINE INSTRUMENT LIGHTS						-003	ELECTRICAL & INSTRUMENTATION, GEN 2	MSN: 30931, 30576, 30544, 30866, 30826, 30640, 31118, 31218, 30676, 31105, 31265, 30882, 30759

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REVIEWED	<i>AS</i>	
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SCALE:	NTS	
TITLE:		DWG:
LAYOUT		E212-0004
ELECTRICAL & INSTRUMENTATION		REV: A
EAGLE SINGLE, B212		SHEET: 1 OF 3

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CONTINUED ON SHEET 3													
-005 QTY	-003 QTY	-001 QTY	ITEM	PART NUMBER	DESCRIPTION	REMARKS	-005 QTY	-003 QTY	-001 QTY	ITEM	PART NUMBER	DESCRIPTION	REMARKS
			120	E212-9050-017	CARGO RELEASE W/ DUAL SWITCH					93	D212-725-2-G2 FIG 98-55S	CARGO FIRE DETECTION	
1			119	E212-9050-015	CARGO RELEASE					92	D212-725-2-G2 FIG 98-54S	FORCE TRIM	
1			118	E212-9050-013	PILOT AND COPILOT CLOCKS	4				91	D212-725-2-G2 FIG 98-49S	HYDRAULIC SYSTEM	
1			117	E212-9050-011	HOUR METER					90	D212-725-2-G2 FIG 98-48S	CARGO COMPARTMENT LIGHTS	
1			116	E212-9047-013	GAS PRODUCER TACHOMETER IND SYSTEM					89	D212-725-2-G2 FIG 98-47S	LANDING LIGHTS	
1			115	E212-9047-011	DUAL TACHOMETER IND SYSTEM					88	D212-725-2-G2 FIG 98-46S	POSITION LIGHTS	
1			114	E212-9046-011	FUEL QUANTITY INDICATOR SYSTEM					87	D212-725-2-G2 FIG 98-45S	ANTI-COLLISION LIGHTS	
1			113	E212-9044-015	OVERHEAD LIGHTS					86	D212-725-2-G2 FIG 98-44S	SEARCHLIGHT	
1			112	E212-9044-013	COPILOT INSTRUMENT LIGHTS					85	D212-725-2-G2 FIG 98-43S	DOME LIGHTS	
1			111	E212-9044-011	PILOT INSTRUMENT LIGHTS					84	D212-725-2-G2 FIG 98-42S	COCKPIT & UTILITY LIGHTS	
1			110	D212-725-7-105	INSTRUMENT PANEL ASSEMBLY	GEN 2+				83	D212-725-2-G2 FIG 98-41S	OVERHEAD LIGHTS	
	1		109	D212-725-7-103	INSTRUMENT PANEL ASSEMBLY	GEN 2				82	D212-725-2-G2 FIG 98-40S	SECONDARY LIGHTS	
		1	108	D212-725-7-101	INSTRUMENT PANEL ASSEMBLY	GEN 1				81	D212-725-2-G2 FIG 98-39S	PEDESTAL LIGHTS	
1	1		107	D212-725-8-G2	WIRE ROUTING, EAGLE SINGLE	GEN 2				80	D212-725-2-G2 FIG 98-38S	MASTER CAUTION LIGHTS	
		1	106	D212-725-8	WIRE ROUTING, EAGLE SINGLE	GEN 1				79	D212-725-2-G2 FIG 98-37S	MASTER CAUTION & RPM CAUTION LIGHTS	
1	1		105	D212-725-2-G2 FIG 98-68S	TERMINAL BLOCK HOOKUP					78	D212-725-2-G2 FIG 98-36S	ENGINE INSTRUMENT LIGHTS	
	1		104	D212-725-2-G2 FIG 98-67S	PILOT AND COPILOT CLOCKS	4				77	D212-725-2-G2 FIG 98-35S	COPILOT INSTRUMENT LIGHTS	
1	1		103	D212-725-2-G2 FIG 98-66S	AFS INLET BARRIER FILTER SYSTEM	REQUIRED W/ STC SH07-49				76	D212-725-2-G2 FIG 98-34S	PILOT INSTRUMENT LIGHTS	
1	1		102	D212-725-2-G2 FIG 98-65S	ENGINE ANTI-ICING					75	D212-725-2-G2 FIG 98-33S	FUEL QUANTITY INDICATION SYSTEM	
1	1		101	D212-725-2-G2 FIG 98-64S	PILOT'S & COPILOT'S CYCLIC STICK WIRING					74	D212-725-2-G2 FIG 98-32S	ENGINE CONTROL PANEL (MODIFIED)	
1	1		100	D212-725-2-G2 FIG 98-63S	COPILOT COLLECTIVE STICK WIRING					73	D212-725-2-G2 FIG 98-31S	RH FUEL SYSTEM	
1	1		99	D212-725-2-G2 FIG 98-62S	PILOT COLLECTIVE STICK WIRING					72	D212-725-2-G2 FIG 98-30S	LH FUEL SYSTEM	
1	1		98	D212-725-2-G2 FIG 98-61S	WINDSHIELD WIPERS					71	D212-725-2-G2 FIG 98-29S	TURN & BANK & DIR GYRO INDICATORS	
1	1		97	D212-725-2-G2 FIG 98-60S	HEATER/AIR CONDITIONER					70	D212-725-2-G2 FIG 98-28S	PILOT & COPILOT ATTITUDE INDICATORS	
	1		96	D212-725-2-G2 FIG 98-59S	CARGO RELEASE					69	D212-725-2-G2 FIG 98-27S	ENGINE FUEL PRESSURE INDICATOR	
1	1		95	D212-725-2-G2 FIG 98-57S	VENT BLOWERS					68	D212-725-2-G2 FIG 98-26S	HOUR METER	
1	1		94	D212-725-2-G2 FIG 98-56S	PITOT STATIC HEATERS					67	D212-725-2-G2 FIG 98-25S	HYDRAULIC PRESS & TEMP INDICATORS	
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TITLE:			LAYOUT		
ELECTRICAL & INSTRUMENTATION			EAGLE SINGLE, B212		
DWG:	REV:	SHEET:	E212-0004	A	2 OF 3
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4	A/R	A/R	A/R	133	TBN-212-002-013	DUAL DIGITAL CLOCKS W/ USB CHARGERS	W/O FLIGHT TIMER
5	4	A/R	A/R	A/R	132	TBN-212-002-011	DUAL DIGITAL CLOCKS W/ USB CHARGERS W/ FLIGHT TIMER
		A/R	A/R	A/R	131	TBN-212-001-013	COLLECTIVE SW SWITCH ONLY
		A/R	A/R	A/R	130	TBN-212-001-011	SECOND HOUR METER W/ COLLECTIVE SW
		A/R	A/R	A/R	129	TB-E212-725-5-011	POSITION STROBE LIGHT
		A/R	A/R	A/R	128	TB-E212-725-4-011	UTILITY POWER PLUG CTR PED
		A/R	A/R	A/R	127	TB-E212-725-3-015	USB CHARGERS RH AFT (DOOR POST)
		A/R	A/R	A/R	126	TB-E212-725-3-013	USB CHARGERS LH AFT (DOOR POST)
		A/R	A/R	A/R	125	TB-E212-725-3-011	USB CHARGERS AND GLOVEBOXES FWD (CTR PED)
		A/R	A/R	A/R	124	TB-E212-725-2-017	PUBLIC ADDRESS (PA) SYSTEM LOUD (EXT MOUNT) + CABIN
		A/R	A/R	A/R	123	TB-E212-725-2-015	PUBLIC ADDRESS (PA) SYSTEM LOUD ONLY (EXT MOUNT)
6	A/R	A/R	A/R	122	TB-E212-725-2-013	PUBLIC ADDRESS (PA) SYSTEM	LOUD (INT MOUNT) + CABIN
6	A/R	A/R	A/R	121	TB-E212-725-2-011	PUBLIC ADDRESS (PA) SYSTEM	LOUD ONLY (INT MOUNT)
	-005 QTY	-003 QTY	-001 QTY	ITEM	PART NUMBER	DESCRIPTION	REMARKS
3	OPTIONAL INSTALLATIONS						
	BILL OF MATERIALS						

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<b>ELECTRICAL &amp; INSTRUMENTATION</b>		
<b>EAGLE SINGLE, B212</b>		
DWG:	REV:	SHEET:
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