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DESCRIPTION

DATE

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INITIAL RELEASE

05-04-2024

B

UPDATED NOTE 5 AND ITEM 110. ADDED NOTES 7, 8, ITEMS 111 AND 135 THROUGH 138, CONFIG -007, AND ALTERNATES TO ITEMS 130 AND 131.

04-03-2025

CONTINUED ON SHEET 2

			1	30	D212-725-2 FIG 98-40S	SECONDARY LIGHTS	
			1	29	D212-725-2 FIG 98-39S	PEDESTAL LIGHTS	
			1	28	D212-725-2 FIG 98-38S	MASTER CAUTION LIGHTS	
			1	27	D212-725-2 FIG 98-37S	MASTER CAUTION & RPM CAUTION LIGHTS	
			1	26	D212-725-2 FIG 98-36S	ENGINE INSTRUMENT LIGHTS	
			1	25	D212-725-2 FIG 98-35S	COPILOT INSTRUMENT LIGHTS	
			1	24	D212-725-2 FIG 98-34S	PILOT INSTRUMENT LIGHTS	
			1	23	D212-725-2 FIG 98-33S	FUEL QUANTITY INDICATION SYSTEM	
			1	22	D212-725-2 FIG 98-32S	ENGINE CONTROL PANEL (MODIFIED)	
			1	21	D212-725-2 FIG 98-31S	RH FUEL SYSTEM	
			1	20	D212-725-2 FIG 98-30S	LH FUEL SYSTEM	
			1	19	D212-725-2 FIG 98-29S	TURN & BANK AND DIR GYRO INDICATORS	
			1	18	D212-725-2 FIG 98-28S	PILOT & COPILOT ATTITUDE INDICATORS	
			1	17	D212-725-2 FIG 98-27S	ENGINE FUEL PRESSURE INDICATOR	
			1	16	D212-725-2 FIG 98-26S	HOURLY METER	
			1	15	D212-725-2 FIG 98-25S	HYDRAULIC PRESS & TEMP INDICATORS	
			1	14	D212-725-2 FIG 98-24S	TORQUE INDICATOR SYSTEM	
			1	13	D212-725-2 FIG 98-23S	MGT/EGT INDICATOR SYSTEM	
			1	12	D212-725-2 FIG 98-22S	DUAL TACH & GAS PRODUCER TACH IND	
			1	11	D212-725-2 FIG 98-21S	OIL INDICATOR SYSTEM	
			1	10	D212-725-2 FIG 98-20S	ENGINE FIRE DETECTION	
			1	9	D212-725-2 FIG 98-19S	FIRE EXTINGUISHER SYSTEM	
			1	8	D212-725-2 FIG 98-18S	GOVERNOR RPM	
			1	7	D212-725-2 FIG 98-17S	RPM LIMIT DETECTOR	
			1	6	D212-725-2 FIG 98-15S	IDLE STOP	
			1	5	D212-725-2 FIG 98-14S	ENGINE START	
			1	4	D212-725-2 FIG 98-13S	AC POWER	
			1	3	D212-725-2 FIG 98-12S	BATTERY & EXTERNAL POWER	
			1	2	D212-725-2 FIG 98-11S	DC & AC POWER FEEDER SCHEMATIC	
			1	1	D212-725-2 FIG 98-10S	DC GENERATOR SYSTEM	
					-007	ELECTRICAL & INSTRUMENTATION, GEN 2+	MSN: 30826
					-005	ELECTRICAL & INSTRUMENTATION, GEN 2+	MSN: 35034, 35048, 35060, 35088
					-003	ELECTRICAL & INSTRUMENTATION, GEN 2	MSN: 30931, 30576, 30544, 30866, 30640, 31118, 31218, 30676, 31105, 31265, 30882, 30759
					-001	ELECTRICAL & INSTRUMENTATION, GEN 1	MSN: 30687, 30817, 30599
-007 QTY	-005 QTY	-003 QTY	-001 QTY	ITEM	PART NUMBER	DESCRIPTION	REMARKS
BILL OF MATERIALS							

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, -013, -015 OR -017.

6.

INACTIVE OPTIONAL INSTALLATIONS.

7.

WHEN THE TBN-212-004 OPTIONS ARE SELECTED THE D212-725-2-G2 FIG 98-34S PILOT & FIG 98-35S COPILOT INSTRUMENT LIGHTS BASELINE INSTALLATIONS ARE NO LONGER APPLICABLE TO THAT AIRCRAFT. FIG 98-41S REMAINS APPLICABLE AND IS SUPPLEMENTED BY TBN-212-004-015.

8.

WHEN THE TBN-212-005 OPTION IS SELECTED THE D212-725-2-G2 FIG 98-17S RPM LIMIT DETECTOR & FIG 98-22S DUAL TACHOMETER BASELINE INSTALLATION IS NO LONGER APPLICABLE TO THAT AIRCRAFT EXCEPT FOR THE ENGINE GAS PRODUCER TACH INDICATOR.

PREPARED

CP

REVIEWED

JP

RELEASED

JP

SCALE:

NTS

TITLE:

LAYOUT
ELECTRICAL & INSTRUMENTATION
EAGLE SINGLE, B212

DWG:

E212-0004

REV:

B

SHEET:

1 OF 4



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CONTINUED ON SHEET 4

	1			110	D212-725-7-105	INSTRUMENT PANEL ASSEMBLY	GEN 2+ W/ LH TERM RAILS
		1		109	D212-725-7-103	INSTRUMENT PANEL ASSEMBLY	GEN 2
			1	108	D212-725-7-101	INSTRUMENT PANEL ASSEMBLY	GEN 1
1	1	1		107	D212-725-8-G2	WIRE ROUTING, EAGLE SINGLE	GEN 2
			1	106	D212-725-8	WIRE ROUTING, EAGLE SINGLE	GEN 1
1	1	1		105	D212-725-2-G2 FIG 98-68S	TERMINAL BLOCK HOOKUP	
4	1		1	104	D212-725-2-G2 FIG 98-67S	PILOT AND COPILOT CLOCKS	
1	1	1		103	D212-725-2-G2 FIG 98-66S	AFS INLET BARRIER FILTER SYSTEM	REQUIRED W/ STC SH07-49
1	1	1		102	D212-725-2-G2 FIG 98-65S	ENGINE ANTI-ICING	
1	1	1		101	D212-725-2-G2 FIG 98-64S	PILOT'S & COPILOT'S CYCLIC STICK WIRING	
1	1	1		100	D212-725-2-G2 FIG 98-63S	COPILOT COLLECTIVE STICK WIRING	
1	1	1		99	D212-725-2-G2 FIG 98-62S	PILOT COLLECTIVE STICK WIRING	
1	1	1		98	D212-725-2-G2 FIG 98-61S	WINDSHIELD WIPERS	
1	1	1		97	D212-725-2-G2 FIG 98-60S	HEATER/AIR CONDITIONER	
1		1		96	D212-725-2-G2 FIG 98-59S	CARGO RELEASE	
1	1	1		95	D212-725-2-G2 FIG 98-57S	VENT BLOWERS	
1	1	1		94	D212-725-2-G2 FIG 98-56S	PITOT STATIC HEATERS	
1	1	1		93	D212-725-2-G2 FIG 98-55S	CARGO FIRE DETECTION	
1	1	1		92	D212-725-2-G2 FIG 98-54S	FORCE TRIM	
1	1	1		91	D212-725-2-G2 FIG 98-49S	HYDRAULIC SYSTEM	
1	1	1		90	D212-725-2-G2 FIG 98-48S	CARGO COMPARTMENT LIGHTS	
1	1	1		89	D212-725-2-G2 FIG 98-47S	LANDING LIGHTS	
1	1	1		88	D212-725-2-G2 FIG 98-46S	POSITION LIGHTS	
1	1	1		87	D212-725-2-G2 FIG 98-45S	ANTI-COLLISION LIGHTS	
1	1	1		86	D212-725-2-G2 FIG 98-44S	SEARCHLIGHT	
1	1	1		85	D212-725-2-G2 FIG 98-43S	DOMELIGHTS	
1	1	1		84	D212-725-2-G2 FIG 98-42S	COCKPIT & UTILITY LIGHTS	
7	1		1	83	D212-725-2-G2 FIG 98-41S	OVERHEAD LIGHTS	
1	1	1		82	D212-725-2-G2 FIG 98-40S	SECONDARY LIGHTS	
1	1	1		81	D212-725-2-G2 FIG 98-39S	PEDESTAL LIGHTS	
1	1	1		80	D212-725-2-G2 FIG 98-38S	MASTER CAUTION LIGHTS	
1	1	1		79	D212-725-2-G2 FIG 98-37S	MASTER CAUTION & RPM CAUTION LIGHTS	
1	1	1		78	D212-725-2-G2 FIG 98-36S	ENGINE INSTRUMENT LIGHTS	
7	1		1	77	D212-725-2-G2 FIG 98-35S	COPILOT INSTRUMENT LIGHTS	
7	1		1	76	D212-725-2-G2 FIG 98-34S	PILOT INSTRUMENT LIGHTS	
		1		75	D212-725-2-G2 FIG 98-33S	FUEL QUANTITY INDICATION SYSTEM	
1	1	1		74	D212-725-2-G2 FIG 98-32S	ENGINE CONTROL PANEL (MODIFIED)	
1	1	1		73	D212-725-2-G2 FIG 98-31S	RH FUEL SYSTEM	
1	1	1		72	D212-725-2-G2 FIG 98-30S	LH FUEL SYSTEM	
1	1	1		71	D212-725-2-G2 FIG 98-29S	TURN & BANK & DIR GYRO INDICATORS	
-007 QTY	-005 QTY	-003 QTY	-001 QTY	ITEM	PART NUMBER	DESCRIPTION	REMARKS
BILL OF MATERIALS							

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8	A/R	A/R	A/R		138	TBN-212-005-011	DUAL TACH & RPM LIMIT WARNING	
7	A/R	A/R	A/R		137	TBN-212-004-015	OUTSIDE AIR TEMPERATURE POST LIGHT	
7	A/R	A/R	A/R		136	TBN-212-004-013	COPILOT'S INSTRUMENT LIGHTS	
7	A/R	A/R	A/R		135	TBN-212-004-011	PILOT'S INSTRUMENT LIGHTS	
4	A/R	A/R	A/R	A/R	134	TBN-212-002-013	DUAL DIGITAL CLOCKS W/ USB CHARGERS	W/O FLIGHT TIMER
4	A/R	A/R	A/R	A/R	133	TBN-212-002-011	DUAL DIGITAL CLOCKS W/ USB CHARGERS	W/ FLIGHT TIMER
5	A/R	A/R	A/R	A/R	132	TBN-212-001-013 ALT: TBN-212-001-017	COLLECTIVE SWITCH	
5	A/R	A/R	A/R	A/R	131	TBN-212-001-011 ALT: TBN-212-001-015	SECOND HOUR METER W/ COLLECTIVE SW	SWITCH ONLY
	A/R	A/R	A/R	A/R	130	TB-E212-725-5-011	POSITION STROBE LIGHT	
	A/R	A/R	A/R	A/R	129	TB-E212-725-4-011	UTILITY POWER PLUG	CTR PED
	A/R	A/R	A/R	A/R	128	TB-E212-725-3-015	USB CHARGERS	RH AFT (DOOR POST)
	A/R	A/R	A/R	A/R	127	TB-E212-725-3-013	USB CHARGERS	LH AFT (DOOR POST)
	A/R	A/R	A/R	A/R	126	TB-E212-725-3-011	USB CHARGERS AND GLOVEBOXES	FWD (CTR PED)
	A/R	A/R	A/R	A/R	125	TB-E212-725-2-017	PUBLIC ADDRESS (PA) SYSTEM	LOUD (EXT MOUNT) + CABIN
	A/R	A/R	A/R	A/R	124	TB-E212-725-2-015	PUBLIC ADDRESS (PA) SYSTEM	LOUD ONLY (EXT MOUNT)
6	A/R	A/R	A/R	A/R	123	TB-E212-725-2-013	PUBLIC ADDRESS (PA) SYSTEM	LOUD (INT MOUNT) + CABIN
6	A/R	A/R	A/R	A/R	122	TB-E212-725-2-011	PUBLIC ADDRESS (PA) SYSTEM	LOUD ONLY (INT MOUNT)
	-007 QTY	-005 QTY	-003 QTY	-001 QTY	ITEM	PART NUMBER	DESCRIPTION	
3	OPTIONAL INSTALLATIONS							

				121	E212-9050-017	CARGO RELEASE W/ DUAL SWITCH	
	1			120	E212-9050-015	CARGO RELEASE	
4	1			119	E212-9050-013	PILOT AND COPILOT CLOCKS	
1	1			118	E212-9050-011	HOUR METER	
	1			117	E212-9047-013	GAS PRODUCER TACHOMETER IND SYSTEM	
	1			116	E212-9047-011	DUAL TACHOMETER IND SYSTEM	
1	1			115	E212-9046-011	FUEL QUANTITY INDICATOR SYSTEM	
	1			114	E212-9044-015	OVERHEAD LIGHTS	
	1			113	E212-9044-013	COPILOT INSTRUMENT LIGHTS	
	1			112	E212-9044-011	PILOT INSTRUMENT LIGHTS	
1				111	D212-725-7-107	INSTRUMENT PANEL ASSEMBLY	GEN 2+ W/ RH TERM RAILS
-007 QTY	-005 QTY	-003 QTY	-001 QTY	ITEM	PART NUMBER	DESCRIPTION	REMARKS
BILL OF MATERIALS							

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