COLD WEATHER MODIFICATION

P/N: TSHB412-3132-115, HELI-PREHEAT KIT - 115 VOLT

TCDS H4SW: BELL 212, 412, 412CF, 412EP

INCLUDES THE FOLLOWING CHECKED [✓] ITEMS:

	QTY	ITEM NUMBER	DESCRIPTION
DOCUMENTS:			
	1	03097	DRAWING - 2 PLACE DOOR
	1	03127	DRAWING - CONNECTOR KIT, 5 CONTACT
	1	03128	DRAWING - BRACKET TAILBOOM CONNECTOR
	1	03133	DRAWING - CABLE KIT WIRE DIAGRAM
	1	03140	DRAWING - BRACKET SHORE POWER
	1	03141	DRAWING - DUAL FUSE KIT
	1	03142	DRAWING - BRACKET AV HEATER
	1	03143	DRAWING - BRACKET ASSEMBLY AV HEATER
	1	03144	DRAWING - BRACKET INSTALLATION AV HEATER
	1	TN02070	INSTRUCTION - FLUSH MOUNT PLUG (INLET)
	1	TN02533	INSTRUCTION - FLUSH MOUNT PLUG W/CAP (2988 AC OUTLET)
	1	TN02782	INSTRUCTION - CLICK BOND CABLE MOUNT
	1	TN02788	INSTRUCTION - BONDING
	1	TN02793	INSTRUCTION - CONNECTOR
	1	TN02800	INSTRUCTION - BATTERY HEAT INSTALLATION
	1	TN03039	INSTRUCTION - INDICATOR LIGHT
	1	TN03094	INSTRUCTION - AV/CABIN HEATER
	1	TN03097	INSTRUCTION - 2 PLACE DOOR KIT
	1	TNH3132	INSTRUCTION - PREHEAT INSTALLATION
	1	TCA1000	INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
	1	TPG1000	OPERATING GUIDE
	1	TNG1000	INSTALLATION GUIDE
[ ]	1	TWC0001	REGISTRATION / WARRANTY CARD
COMPONENTS:			
[ ]	16	CB911	SOLVENT WIPE - ELEMENT INSTALLATION
[ ]	1	CB92	CLICK BOND INSTALLATION KIT - (CHECK EXPIRATION DATE)
[ ]	1	TB02645-07	BATTERY ADAPTOR PANEL - 7 X 4 INCH
[ ]	1	TBP3086-31-115/75	BATTERY HEAT ELEMENT - 31 X 4 INCH
[ ]	1	TCH3133	CABLE KIT
[ ]	1	TD03097	2 PLACE DOOR KIT - SHORE POWER
[ ]	1	TEN2672-24-115/37	PAD HEAT ELEMENT - INTERM TRGB
[ ]	1	TEN2730-24-115/65	PAD HEAT ELEMENT - TRGB BOTTOM
[ ]	1	TEP2649-115/120	PAD HEAT ELEMENT - MRGB
[ ]	3	TEP2650-115/120	PAD HEAT ELEMENT - MRGB
[ ]	2	TEP2672-115/37	PAD HEAT ELEMENT - 1-EACH LH / RH HYD TANK
[ ]	2	TEP2712-115/75	PAD HEAT ELEMENT - 1-EACH LH / RH ENG AGB TOP
[ ]	2	TEP2715-115/18	PAD HEAT ELEMENT - 1-EACH LH / RH ENG OIL FUEL HEAT EXCHR
[ ]	4	TEP2736-115/80	PAD HEAT ELEMENT - 1-EACH LH / RH ENG AGB, 2-C BOX LOWER CENTER
[ ]	1	THP3094-500	AV/CABIN HEATER - FWD AVIONIC HOLD
[ ]	2	TLP3039-06-115	INDICATOR LIGHT, 8MM LED - 115 VOLT
[ ]	2	TP02070-M-115	PLUG - SHORE POWER (INLET) - 115 VOLT
[ ]	1	TP02989-115	RECEPTACLE - FLUSH PLUG W/CAP (AC OUTLET) - 115 VOLT
[ ]	1	TU02615-115	PLACARD - SYSTEM - 115 VOLT
[ ]	1	TU02782	CLICK BOND CABLE MOUNT (BATTERY HEAT THERMAL CONTROL)
[ ]	80	TU02847	CABLE TIE
[ ]	1	TU03119-01	PLACARD - AV/CABIN HEATER
[ ]	2	TU03127	CONNECTOR KIT - DISCONNECTS MRGB AND TAILBOOM
[ ]	2	TU03141-B	DUAL FUSE KIT

- MODIFICATION AND SUBSTITUTIONS WITH ENGINEERING APPROVAL.
- CONSUMABLES AND ADDITIONAL MOUNTING HARDWARE SOURCED SEPARATELY.
* SOURCED AT TIME OF INSTALLATION - DUE TO SHELF LIFE LIMITATIONS.

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CHANGE	REV	INIT	DATE
UPDATE WITH 1000 SERIES DOCUMENTS	E	MFHB	NOV-07-2023
CHANGE TRGB TEP2730 TO TEN2730-24 ADD BRACKET DWGS	D	DNE	OCT-02-2016
REMOVE HTB-42I AND REPLACE WITH TU03141	C	GDO	MAY-09-2016
REMOVE TU03125 ADD 4 EACH HTB-42I	B	GDO	APR-22-2016
INITIAL RELEASE	A	DNE	MAR-18-2016

CURRENT REV APPROVAL	Digitally signed by Dirk Ellis Date: 2023.11.08 14:37:21 -05'00' Adobe Acrobat version: 2020.005.30524	
DRAWN BY:	DNE	MAR-18-2016
CHECKED BY:	GDO	MAR-18-2016
SCALE:	N/A	.xlsx TSH format F

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Title:	HELI-PREHEAT KIT (TOP-LEVEL DRAWING)		
SPEC:	90000		
SUPERSEDES:	N/A		
SHEET: 1 OF 1		DWG:	03132-115