

COLD WEATHER MODIFICATION
P/N: TSHB412-3132-230, HELI-PREHEAT KIT - 230 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, ELEMENT
	1	TN02793	INSTRUCTION - CONNECTOR
	1	TN02800	INSTRUCTION - BATTERY HEATER INSTALLATION
	1	TN02829	INSTRUCTION - CIRCULAR PLUG ADAPTER (CORD CONVERSION)
	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	TBP3086-31-230/75	BATTERY HEAT ELEMENT - 31 X 4 INCH
[]	1	TCH3133	CABLE KIT
[]	1	TD03097	2 PLACE DOOR KIT - SHORE POWER
[]	1	TEN2672-24-230/37	PAD HEAT ELEMENT - INTERM TRGB
[]	1	TEN2730-24-230/65	PAD HEAT ELEMENT - TRGB BOTTOM
[]	1	TEP2649-230/120	PAD HEAT ELEMENT - MRGB
[]	3	TEP2650-230/120	PAD HEAT ELEMENT - MRGB
[]	2	TEP2672-230/37	PAD HEAT ELEMENT - 1-EACH LH / RH HYD TANK
[]	2	TEP2712-230/75	PAD HEAT ELEMENT - 1-EACH LH / RH ENG AGB TOP
[]	2	TEP2715-230/18	PAD HEAT ELEMENT - 1-EACH LH / RH ENG OIL FUEL HEAT EXCHR
[]	4	TEP2736-230/80	PAD HEAT ELEMENT - 1-EACH LH / RH ENG AGB, 2-C BOX LOWER CENTER
[]	1	THP3094-500	AV/CABIN HEATER - FWD AVIONIC HOLD
[]	2	TLP3039-06-230	INDICATOR LIGHT, 8MM LED - 230 VOLT
[]	2	TP02829-230	RECEPTACLE - CIRCULAR SHORE POWER ADAPTER (OUTLET)
[]	2	TP02839-S-230	PLUG - SHORE POWER (INLET) - 230 VOLT
[]	1	TP02980-230	PLUG - CIRCULAR ADAPTER (AC INLET) - 230 VOLT
[]	1	TP02988-230	RECEPTACLE - FLUSH PLUG W/CAP (AC OUTLET) - 230 VOLT
[]	1	TU02615-230	PLACARD - SYSTEM - 230 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	PANEL MOUNT 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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CURRENT REV APPROVAL		
DRAWN BY:	DNE	MAR-18-2016
CHECKED BY:	GDO	MAR-18-2016
SCALE:	N/A	.xlsx TSH format F

UPDATE WITH 1000 SERIES DOCUMENTS		E	MFHB	NOV-07-2023
CHANGE TRGB TEP2730 TO TEN2730-24 ADD BRACKET DWGS		D	DNE	OCT-02-2017
REMOVE HTB-421 AND REPLACE WITH TU03141		C	GDO	MAY-09-2016
CHANGE		REV	INIT	DATE



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Title: HELI-PREHEAT KIT
(TOP-LEVEL DRAWING)

SPEC:	90000
SUPERSEDES:	N/A
SHEET: 1 OF 1	DWG: 03132-230