

P/N: TSHB407-3083-115
HELI-PREHEAT KIT - 115 VOLT

PURPOSE:

TOP LEVEL DRAWING - ELIGIBILITY, PARTS, AND RELATED DOCUMENTS REQUIRED FOR
INSTALLATION, OPERATION, AND CONTINUED AIRWORTHINESS (FAA STC SR03474CH).
(REPLACES P/N: TAS300-36, TSHB407-2776, TSHB407-3087; DRAWINGS 2412, 02776, AND 03087)

ELIGIBILITY: TCDS: FAA H2SW, TCCA H-92.

BELL HELICOPTER: MODEL 407 SERIAL NUMBER 53001 AND SUBSEQUENT NORMAL CATEGORY MODEL 407 AND
COMMERCIAL DESIGNATIONS 407GX, 407GXP, 407GX_i, 407NX_i.

WITH RR (ALLISON) RR250-47B, 250-C47B/8, 250-C47E/4, SERIES ENGINE.

* EAGLE HTS900 STC SR03496NY / SH14-47 WITH HONEYWELL HTS900 SERIES ENGINE.

SUPPLEMENTARY INFORMATION: (CONFIGURED WITH BATTERY HEATER SIZED FOR RG-407 AND RG-427)

- A. * HTS900 ENGINE REQUIRES ENGINE ELEMENT SUBSTITUTIONS: 1-EA. TEN2715-60-115/18, 2-EA. TEN3181-60-115/120.
- B. START INSTALLATION WITH ITEM INVENTORY AND PREHEAT KIT INSTALLATION INSTRUCTION.
- C. TOOLS AND HARDWARE NOT SUPPLIED, REVIEW RELATED DOCUMENTS FOR RECOMMENDATIONS AND OPTIONS.
- D. ELEMENT BONDING SEALANT NOT SUPPLIED REQUIRES 3-6 OZ. TU02788 REFER TO TN02788.
- E. OPTIONAL SINGLE PLUG DOOR KIT TD02840 SUPPLIED SEPARATELY REFER TO INSTR. TNH3083 AND TN02840.
- F. OPTIONAL AV/CABIN HEATER THP3094-500 SUPPLIED SEPARATELY REFER TO INSTR. TNH3083, TN03094 AND DWG 03082.
- G. STANDARD OPTIONS LISTED IN INSTALLATION GUIDE TNG1000.

INCLUDES THE FOLLOWING CHECKED [✓] ITEMS:

QTY	ITEM NUMBER	DESCRIPTION
[]	9 CB911	SOLVENT WIPE - ELEMENT INSTALLATION
[]	1 CB92	ADHESIVE MIX KIT - CABLE-TIE ANCHOR (CHECK EXPIRATION DATE)
[]	1 TB03268-09	BATTERY ADAPTOR PANEL - 9 X 4 INCH (UNHEATED)
[]	1 TBP2646-31-115/60	BATTERY HEAT ELEMENT - 31.5 X 4 INCH
[]	1 TCH3082	CABLE KIT
[]	1 TD03095	DOOR KIT - 2 PLACE
[]	1 TEN2661-78-115/10	PAD HEAT ELEMENT - FCU/HMU
[]	1 TEN2675-24-115/95	PAD HEAT ELEMENT - ENG AGB LH
[]	1 TEN2714-78-115/60	PAD HEAT ELEMENT - ENG AGB RH
[]	1 TEP2658-115/7.5	PAD HEAT ELEMENT - HYD TANK
[]	1 TEP2675-115/95	PAD HEAT ELEMENT - MRGB RH BOTTOM
[]	1 TEP3179-115/40	PAD HEAT ELEMENT - ENG OIL TANK
[]	1 TEP3179-24-115/40	PAD HEAT ELEMENT - TRGB
[]	1 TEP3190-115/120	PAD HEAT ELEMENT - MRGB RH SIDE
[]	1 TLP3039-06-115	INDICATOR LIGHT - 8MM LED
[]	1 TLP3046-05	THERMAL CONTROL +5°C (BATTERY HEATER)
[]	1 TP02070-M-115	PLUG - SHORE POWER (INLET)
[]	1 TU02615-115	SYSTEM PLACARD
[]	4 TU02782	CABLE-TIE ANCHOR (BATTERY THERMAL CONTROL, CPD, ETC.)
[]	120 TU02847	CABLE-TIE
[]	1 TU03030	FIREWALL CONNECTOR KIT (FWD) - 14 CONTACT
[]	1 TU03125	FIREWALL CONNECTOR KIT (ENG PAN) - 6 CONTACT
[]	1 TU03273	DOOR SWITCH
[]	1 TWC0001	REGISTRATION / WARRANTY CARD

INFORMATION CONTAINED IN THIS DOCUMENT AND ALL
OTHER ASSOCIATED DOCUMENTS IS PROPRIETARY AND
SHALL NOT BE REPRODUCED OR DISCLOSED IN WHOLE
OR IN PART OR USED FOR ANY DESIGN OR MANUFACTURE
WITHOUT DIRECT WRITTEN AUTHORIZATION FROM TANIS
AIRCRAFT PRODUCTS.

CURRENT REV APPROVAL:	
DRAWN BY:	DNE OCT-03-2014
CHECKED BY:	GDO OCT-03-2014
SCALE:	N/A .xlsx TSH format I

REVISE SUPPLEMENTARY INFORMATION LIST	H	DNE	DEC-17-2019
BATTERY ADAPTER, CPD, DOOR SWITCH, TRGB ELEMENT.	G	DNE	OCT-17-2019
CONFIGURE FOR COMMERCIAL GX _i ADD 1000 SERIES DOCS	F	DNE	FEB-20-2019
ADD HTS900 ENGINE ELEMENT SUBSTITUTIONS	E	DNE	APR-18-2017
CHANGE	REV	INIT	DATE
TANIS AIRCRAFT PRODUCTS			
GLENWOOD MUNICIPAL AIRPORT			
GLENWOOD, MN 56334 USA			
+1.952.224.4425			
TITLE: HELI-PREHEAT KIT			
TOP LEVEL DRAWING			
SPEC:		90000	
SUPERSEDES:		N/A	
SHEET: 1 OF 2		DWG: 03083-115	



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RELATED DOCUMENTS:

AVAILABLE AT WWW.TANISAIRCRAFT.COM OR CONTACT TANIS AIRCRAFT PRODUCTS.

DOCUMENT NUMBER	DESCRIPTION
TNH3083	INSTRUCTION - PREHEAT KIT INSTALLATION
TNG1000	INSTALLATION GUIDE - STANDARDS REFERENCE
* TCA1000	INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
* TPG1000	OPERATING GUIDE
02774	DRAWING - CABLE ROUTING REFERENCE
03030	DRAWING - FIREWALL CONNECTOR KIT (FWD)
03082	DRAWING - CABLE KIT WIRE DIAGRAM
03095	DRAWING - DOOR KIT - 2 PLACE
03125	DRAWING - FIREWALL CONNECTOR KIT (ENG PAN)
TN02070	INSTRUCTION - FLUSH PLUG (INLET)
TN02782	INSTRUCTION - CLICK BOND ANCHOR
TN02788	INSTRUCTION - BONDING PAD ELEMENT
TN02793	INSTRUCTION - CONNECTOR
TN03012	INSTRUCTION - JUNCTION
TN03039	INSTRUCTION - INDICATOR LIGHT
TN03046	INSTRUCTION - THERMAL CONTROL (BATTERY HEATER)
TN03095	INSTRUCTION - 2 PLACE DOOR KIT
TN03273	INSTRUCTION - DOOR SWITCH INSTALLATION

* REFER TO DOCUMENT RECORD AND RETAIN AS INDICATED

INFORMATION CONTAINED IN THIS DOCUMENT AND ALL
OTHER ASSOCIATED DOCUMENTS IS PROPRIETARY,
REFER TO SHEET ONE.



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GLENWOOD MUNICIPAL AIRPORT
GLENWOOD, MN 56334 USA
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TITLE:			HELI-PREHEAT KIT		
TOP LEVEL DRAWING					
SPEC:			90000		
SUPERSEDES:			N/A		
SHEET: 2 OF 2			DWG: 03083-115		