

**P/N: TSHBK117-2772-230**  
**HELI-PREHEAT KIT - 230 VOLT**

**PURPOSE:**

TOP LEVEL DRAWING - ELIGIBILITY, PARTS, AND RELATED DOCUMENTS REQUIRED FOR  
INSTALLATION, OPERATION, AND CONTINUED AIRWORTHINESS.  
(REPLACES TAS300-06 SERIES KITS DWG 2142)

**ELIGIBILITY:** TCDS: FAA H13EU, EASA.R.010.

AIRBUS HELICOPTERS: MBB-BK 117 A-1, A-3, A-4, B-1, B-2, WITH HONEYWELL LTS101 SERIES ENGINES.  
(MARKET NOMENCLATURE BK 117)

**SUPPLEMENTARY INFORMATION:** (CONFIGURED WITH BATTERY HEATER SIZED FOR RG-380E AND LIKE SIZE)


- A. START INSTALLATION WITH ITEM INVENTORY AND PREHEAT KIT INSTALLATION INSTRUCTION.
- B. TOOLS AND HARDWARE NOT SUPPLIED, REVIEW RELATED DOCUMENTS FOR RECOMMENDATIONS AND OPTIONS.
- C. ELEMENT BONDING SEALANT NOT SUPPLIED REQUIRES 3-6 OZ. TU02788 REFER TO TN02788.
- D. OPTIONAL SINGLE PLUG DOOR KIT TD02840 SUPPLIED SEPARATELY INSTRUCTION TN02840.
- E. OPTIONAL THP3094 AV/CABIN HEATER AND CIRCUIT SUPPLIED SEPARATELY, INSTR. TNH2772, TN03094 AND DWG 02769.
- F. OPTIONAL CPD (KIT - FUSED LINK) TL03013-BK, REPLACE TU03141-B REFER TO DWG 02769.
- G. STANDARD OPTIONS LISTED IN INSTALLATION GUIDE TNG1000.

**INCLUDES THE FOLLOWING CHECKED [ ✓ ] ITEMS:**

QTY	ITEM NUMBER	DESCRIPTION
[ ]	14 CB911	SOLVENT WIPE
[ ]	1 CB92	ADHESIVE MIX KIT (CHECK EXPIRATION DATE)
[ ]	1 TBP2648-38-230/74	BATTERY HEAT ELEMENT (38.5 X 4)
[ ]	1 TCH2769	CABLE KIT
[ ]	1 TD03097	DOOR KIT - 2 PLACE
[ ]	1 TEN2673-24-230/28	PAD HEAT ELEMENT - TRGB
[ ]	2 TEP2673-230/28	PAD HEAT ELEMENT - ENGINE OIL TANKS
[ ]	2 TEP2715-230/18	PAD HEAT ELEMENT - FCU/HMU
[ ]	1 TEP2718-230/28	PAD HEAT ELEMENT - IGB
[ ]	2 TEP2733-230/53	PAD HEAT ELEMENT - MRGB AFT LH RH
[ ]	2 TEP2739-230/120	PAD HEAT ELEMENT - MRGB FRONT LH AND RH
[ ]	4 TEP3181-230/120	PAD HEAT ELEMENT - 2 EACH ENGINE AGB LH AND RH
[ ]	1 TLP3039-06-230	INDICATOR LIGHT - 8MM LED
[ ]	1 TLP3046-05	THERMAL CONTROL +5°C (BATTERY HEATER)
[ ]	1 TP02829-230	RECEPTACLE - CIRCULAR PLUG ADAPTER (OUTLET)
[ ]	1 TP02839-S-230	PLUG - SHORE POWER (INLET)
[ ]	1 TU02615-230	PLACARD - SYSTEM
[ ]	1 TU02782	CABLE-TIE ANCHOR (BATTERY THERMAL CONTROL)
[ ]	120 TU02847	CABLE-TIE
[ ]	2 TU03125	CONNECTOR KIT - FIREWALL
[ ]	1 TU03127	CONNECTOR KIT - TAIL BOOM DISCONNECT
[ ]	1 TU03141-B	CPD - FUSE KIT w/BACKET
[ ]	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 JAN-29-2019
CHECKED BY:	GDO JAN-29-2019
SCALE:	N/A .xlsx TSH format I

UPDATE SUPPLEMENTARY INFO		E	DNE	MAY-26-2020
AV HEATER OPTION AND 38-INCH BATTERY ELEMENT		D	DNE	DEC-31-2019
STANDARDIZE WITH 1000 SERIES DOCUMENTS		C	DNE	AUG-02-2019
CHANGE DOOR CALLOUT AND INSTRUCTIONS		B	GDO	JAN-29-2014
CHANGE		REV	INIT	DATE
 <b>TANIS AIRCRAFT PRODUCTS</b> GLENWOOD MUNICIPAL AIRPORT GLENWOOD, MN 56334 USA +1.952.224.4425		TITLE: <b>HELI-PREHEAT KIT</b>		
		TOP LEVEL DRAWING		
		SPEC:	90000	
		SUPERSEDES:	N/A	
		SHEET: 1 OF 2	DWG:	02772-230

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**RELATED DOCUMENTS:**

AVAILABLE AT [WWW.TANISAIRCRAFT.COM](http://WWW.TANISAIRCRAFT.COM) OR CONTACT TANIS AIRCRAFT PRODUCTS.

DOCUMENT NUMBER	DESCRIPTION
TNH2772	INSTRUCTION - PREHEAT KIT INSTALLATION
TNG1000	INSTALLATION GUIDE - STANDARDS REFERENCE
* TCA1000	INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
* TPG1000	OPERATING GUIDE
02769	DRAWING - CABLE KIT WIRE DIAGRAM
03097	DRAWING - DOOR KIT - 2 PLACE
03125	DRAWING - CONNECTOR KIT - FIREWALL
03127	DRAWING - CONNECTOR KIT - TAIL BOOM DISCONNECT
03141	DRAWING - CPD (FUSE KIT)
TN02070	INSTRUCTION - FLUSH PLUG (INLET)
TN02788	INSTRUCTION - BONDING PAD ELEMENT
TN02793	INSTRUCTION - CONNECTOR
TN02829	INSTRUCTION - CIRCULAR PLUG ADAPTER (OUTLET)
TN03012	INSTRUCTION - JUNCTION
TN03039	INSTRUCTION - INDICATOR LIGHT
TN03046	INSTRUCTION - THERMAL CONTROL (BATTERY HEATER)
TN03097	INSTRUCTION - 2 PLACE DOOR KIT

\* REFER TO DOCUMENT RECORD AND RETAIN AS INDICATED

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



**TANIS AIRCRAFT PRODUCTS**  
GLENWOOD MUNICIPAL AIRPORT  
GLENWOOD, MN 56334 USA  
+1.952.224.4425

UPDATE SUPPLEMENTARY INFO

E DNE MAY-26-2020

TITLE: **HELI-PREHEAT KIT**

TOP LEVEL DRAWING

SPEC: 90000

SUPERSEDES: N/A

SHEET: 2 OF 2 DWG: 02772-230