

**P/N: TSHAW119-2862-115**  
**HELI-PREHEAT KIT - 115 VOLT**

**PURPOSE:** TOP LEVEL DRAWING - ELIGIBILITY, PARTS, AND RELATED DOCUMENTS REQUIRED FOR INSTALLATION, OPERATION, AND CONTINUED AIRWORTHINESS.

**ELIGIBILITY:** FAA STC SR03201CH, TCCA STC ACCEPTANCE 5010-0-13-0690.  
LEONARDO S.p.a HELICOPTER: MODEL A119 AND MODEL AW119 MKII, W/ 1 PWC PT6B-37A

**SUPPLEMENTARY INFORMATION:** (BATTERY HEATER SUPPLIED FOR RG 380 / RG 390 OR SIMILAR SIZE)

- A. START INSTALLATION WITH ITEM INVENTORY AND PREHEAT KIT INSTALLATION INSTRUCTION.
- B. TOOLS AND HARDWARE NOT SUPPLIED, SHEET METAL WORK REQUIRED.
- C. ELEMENT BONDING SEALANT NOT SUPPLIED REQUIRES 5 OZ. DC 730 REFER TO TNDC730.
- D. OPTION: AV/CABIN HEAT KIT P/N: TU03323 SUPPLIED SEPARATELY (DWG 02861 AND INSTRUCTION: TNH2862)
- E. OPTION: ISAT OR REMOTE AVIONICS HEATER SUPPLIED SEPARATELY (DWG 02861 AND INSTRUCTION: TNH2862)
- F. STANDARD OPTIONS LISTED IN INSTALLATION GUIDE TNG1000.

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

QTY	ITEM NUMBER	DESCRIPTION
[ ]	11 CB911	SOLVENT WIPE
[ ]	1 CB92	ADHESIVE MIX KIT - CABLE-TIE ANCHOR (BATTERY THERMAL CONTROL)
[ ]	2 MS26574-10	BREAKER - 10A
[ ]	1 TB02645-07	BELT ADAPTOR - 7 X 4 INCH (USE AS NEEDED)
[ ]	1 TBP3086-31-115/75	BATTERY HEAT ELEMENT - 31 X 4.0 INCH
[ ]	1 TCH2861	CABLE KIT
[ ]	1 TD02935	SHORE POWER KIT
[ ]	1 TEN2715-36-115/18	PAD HEAT ELEMENT - ENG HEAT EXCH
[ ]	1 TEN2867-60-115/75	PAD HEAT ELEMENT - ENG AGB LH
[ ]	1 TEN2868-36-115/120	PAD HEAT ELEMENT - ENG AGB RH
[ ]	2 TEP2658-115/7.5	PAD HEAT ELEMENT - HYD TANK (1-EA)
[ ]	1 TEP2865-115/120	PAD HEAT ELEMENT - MRGB CONICAL LH FRT
[ ]	1 TEP2866-115/70	PAD HEAT ELEMENT - MRGB CONICAL LH AFT
[ ]	1 TEP2869-115/110	PAD HEAT ELEMENT - ENG AFT RGB
[ ]	1 TEP3179-115/40	PAD HEAT ELEMENT - MRGB BRAKE CASE
[ ]	1 TEP3179-24-115/40	PAD HEAT ELEMENT - TRGB
[ ]	1 TEP3181-115/120	PAD HEAT ELEMENT - MRGB CONICAL RH
[ ]	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
[ ]	1 TU02782	CABLE-TIE ANCHOR (BATTERY THERMAL CONTROL)
[ ]	120 TU02847	CABLE-TIE
[ ]	1 TU02929	FIREWALL CONNECTOR KIT
[ ]	1 TU02933	TAIL BOOM CONNECTOR KIT (W/ BRACKET)
[ ]	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 AUG-19-2011
CHECKED BY:	GDO AUG-19-2011
SCALE:	N/A .xlsx TSH format I

RECONFIGURE BATTERY HEATER, 3179 3181 PADS, ADD 1000 SERIES DOCS.	F	DNE	AUG-16-2021
UPDATE INDICATOR LIGHT TO LED LIGHT	E	GDO	FEB-06-2015
CORRECT BREAKER PART NUMBER	D	GDO	FEB-20-2013
ADD TU02782 AND CB92	C	GDO	DEC-14-2012
CHANGE	REV	INIT	DATE
<b>TANIS AIRCRAFT PRODUCTS</b> GLENWOOD MUNICIPAL AIRPORT GLENWOOD, MN 56334 U S A +1.952.224.4425			
<b>TITLE: HELI-PREHEAT KIT - 115 VOLT</b> TOP LEVEL DRAWING			
SPEC:		90000	
SUPERSEDES:		N/A	
SHEET: 1 OF 2		DWG: 02862-115	



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**RELATED DOCUMENTS:**

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

DOCUMENT NUMBER	DESCRIPTION
TNH2862	INSTRUCTION - PREHEAT KIT INSTALLATION
TNG1000	INSTALLATION GUIDE - STANDARDS REFERENCE
* TCA1000	INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
* TPG1000	OPERATING GUIDE
02861	DRAWING - CABLE KIT
02929	DRAWING - FIREWALL CONNECTOR KIT
02933	DRAWING - TAIL BOOM CONNECTOR KIT
02935	DRAWING - SHORE POWER KIT
TN02070	INSTRUCTION - FLUSH PLUG (INLET)
TN02782	INSTRUCTION - CLICK BOND KIT (CABLE ANCHOR)
TN02793	INSTRUCTION - CONNECTOR
TN02991	INSTRUCTION - DOOR SWITCH
TN03012	INSTRUCTION - JUNCTION
TN03039	INSTRUCTION - INDICATOR LIGHT
TN03046	INSTRUCTION - THERMAL CONTROL (BATTERY HEATER)
TNDC730	INSTRUCTION - BONDING PAD ELEMENT

\* 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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