

P/N: TSFDHC6-2972-115
PREHEAT KIT - 115 VOLT

PURPOSE:

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

ELIGIBILITY:

VIKING AIR LTD. TCDS A9EA: DHC-6-100, DHC-6-200, DHC-6-300, and DHC-6-400.

SUPPLEMENTARY INFORMATION: (CONFIGURED WITH INSTRUMENT AND BATTERY HEATERS FOR 400 SERIES MODEL)

- A. START INSTALLATION WITH ITEM INVENTORY AND PREHEAT KIT INSTALLATION INSTRUCTION (SHEET 2).
- B. TOOLS AND HARDWARE NOT SUPPLIED, REVIEW RELATED DOCUMENTS FOR RECOMMENDATIONS AND OPTIONS.
- C. DUE TO SHELF LIFE LIMITATIONS ELEMENT BONDING SEALANT NOT SUPPLIED REQUIRES 5 OZ. DC 730.
REFER TO BONDING INSTRUCTION TNDC730 FOR MATERIAL AND INSTALLATION PROCEDURES.
- D. STANDARD OPTIONS LISTED IN INSTALLATION GUIDE TNG1000.
- E. PLUG DOOR KIT SUPPLIED SEPARATELY REFER TO INSTRUCTION TNF2972.
- F. RELATED INSTALLATION DOCUMENTS ON SHEET 2 AVAILABLE AT WWW.TANISAIRCRAFT.COM OR
CONTACT TANIS AIRCRAFT PRODUCTS.
- G. SUPPORTING DOCUMENTS AVAILABLE THROUGH VIKING AIR:
 - C6G1503 - COLD WEATHER OPERATIONS KIT INSTALLATION DETAILS.
 - C6G1516 - COLD WEATHER OPERATIONS KIT DETAILS
 - C6N1004-103 - COLD WEATHER OPERATIONS KIT WIRING ROUTING DETAILS.
 - C6G1511 - DOOR ASSEMBLY

INCLUDES THE FOLLOWING CHECKED [✓] ITEMS:

	QTY	ITEM NUMBER	DESCRIPTION
[]	20	CB911	SOLVENT WIPE - ELEMENT INSTALLATION
[]	1	CB92	INSTALLATION KIT - CLICK BOND ANCHOR
[]	1	TBP2648-38-115/74	BATTERY HEAT ELEMENT - 38 X 4 INCH
[]	1	TCF2973	CABLE KIT
[]	2	TEN2659-52-115/240	PAD HEAT ELEMENT - ENGINE PRGB
[]	4	TEN2969-24-115/90	PAD HEAT ELEMENT - ENGINE RH AGB
[]	2	TEN3179-32-115/40	PAD HEAT ELEMENT - ENGINE OIL COOLER
[]	2	TEN3181-18-115/120	PAD HEAT ELEMENT - ENGINE LH AGB
[]	2	TEP2970-115/40	PAD HEAT ELEMENT - INSTRUMENT PANEL
[]	1	TEP2971-115/4	PAD HEAT ELEMENT - EMERGENCY LIGHTING BATTERY
[]	2	TLP3039-06-115	INDICATOR LIGHT - 8MM LED
[]	2	TLP3046-05	THERMAL CONTROL +5°C
[]	2	TP02070-M-115	PLUG - SHORE POWER (INLET)
[]	1	TP02989-115	RECEPTACLE - FLUSH PLUG W/CAP (AUX OUTLET)
[]	1	TU02615-115	PLACARD - SYSTEM
[]	2	TU02782	CLICK BOND ANCHOR (BATTERY THERMAL CONTROL)
[]	120	TU02847	CABLE-TIE
[]	2	TU03141-B	DUAL FUSE 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 OCT-11-2012
CHECKED BY:	GDO OCT-11-2012
SCALE:	N/A .xlsx TSH format I

CORRECT AGB ELEMENT DESCRIPTIONS LH AND RH REVERSED	G	DNE	SEP-16-2020
REVISE SUPPLEMENTARY INFORMATION	F	DNE	NOV-09-2018
REFORMAT AND ADD INSTALLATION GUIDE AND CORRESPONDING ICA AND OPERATING GUIDE	E	DNE	DEC-11-2017
ADD TP02980-230 FOR FIELD INSTALL	D	GDO	JAN-23-2014
CHANGE	REV	INIT	DATE
Title: PREHEAT KIT			
TOP LEVEL DRAWING			
SPEC: N/A			
SUPERSEDES: N/A			
SHEET: 1 OF 2 DWG: 02972-115			



TANIS AIRCRAFT PRODUCTS
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RELATED DOCUMENTS AND DRAWINGS:

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

DOCUMENT NUMBER	DESCRIPTION
TNF2972	INSTRUCTION - PREHEAT KIT INSTALLATION
TNG1000	INSTALLATION GUIDE - STANDARDS REFERENCE
* TCA1000	INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
* TPG1000	OPERATING GUIDE
02959	DRAWING - 2-PLACE DOOR KIT (OPTION FIELD FABRICATED)
02973	DRAWING - CABLE KIT WIRE DIAGRAM
02978	DRAWING - INSTRUMENT ELEMENT INSTALLATION
03141	DRAWING - CPD (DUAL FUSE KIT)
03152	DRAWING - 2-PLACE DOOR KIT (OPTION SUPPLIED SEPARATELY)
TN02070	INSTRUCTION - FLUSH MOUNT PLUG (INLET)
TN02533	INSTRUCTION - FLUSH PLUG W/CAP (AUX OUTLET)
TN02782	INSTRUCTION - CLICK BOND ANCHOR
TN02793	INSTRUCTION - CONNECTOR
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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REV	G	SEP-16-2020
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TITLE:	PREHEAT KIT
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	TOP LEVEL DRAWING
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SPEC:	N/A
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SUPERSEDES:	N/A
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SHEET: 2 OF 2	DWG:	02972-115
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