

P/N: TSHBO105-2146-230
HELI-PREHEAT KIT - 230 VOLT

PURPOSE:

TOP LEVEL DRAWING - ELIGIBILITY, PARTS, AND RELATED DOCUMENTS REQUIRED FOR
INSTALLATION, OPERATION, AND CONTINUED AIRWORTHINESS.
(REPLACES TAS300-05 AND TAS300-05S SERIES KITS).

ELIGIBILITY:

AIRBUS HELICOPTERS - TCDS H3EU: BO-105A, BO-105C, BO-105S, BO-105LS A-1, BO-105LS A-3.
ALLISON (ROLLS ROYCE) MODEL 250-C SERIES ENGINES

SUPPLEMENTARY INFORMATION: (CONFIGURED WITH AV/CABIN AND BATTERY HEATERS (BATTERY HEATER BASED ON RG-390)

- 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 7 OZ. DC 730.
REFER TO BONDING INSTRUCTION TNDC730 FOR MATERIAL AND INSTALLATION PROCEDURES.
- D. STANDARD OPTIONS LISTED IN INSTALLATION GUIDE TNG1000.
- E. INSTALLATION DOCUMENTS ON SHEET 2 AVAILABLE AT WWW.TANISAIRCRAFT.COM OR
CONTACT TANIS AIRCRAFT PRODUCTS.

INCLUDES THE FOLLOWING CHECKED [✓] ITEMS:

QTY	ITEM NUMBER	DESCRIPTION
[]	4 CB4000E3CR14	STUD 10-32 1 INCH ROUND BASE - CLICK BOND
[]	12 CB911	SOLVENT WIPE - ELEMENT INSTALLATION
[]	2 CB92	INSTALLATION KIT - CLICK BOND ANCHOR
[]	1 TBP3086-31-230/75	BATTERY HEAT ELEMENT - 31 X 4 INCH
[]	1 TCH1078	CABLE KIT
[]	1 TD03152	DOOR KIT - 2 PLACE (SHORE POWER)
[]	2 TEN2733-24-230/53	PAD HEAT ELEMENT - IGB AND TRGB
[]	2 TEP2661-230/10	PAD HEAT ELEMENT - ENGINES LH AND RH FCU
[]	4 TEP3166-230/80	PAD HEAT ELEMENT - ENGINES LH AND RH AGB
[]	2 TEP3179-230/40	PAD HEAT ELEMENT - ENGINE OIL TANKS LH AND RH
[]	2 TEP3181-230/120	PAD HEAT ELEMENT - MRGB
[]	1 THP3094-500	AV/CABIN HEATER - CREW CABIN
[]	2 TLP3039-06-230	INDICATOR LIGHT
[]	1 TLP3046-05	THERMAL CONTROL +5°C (BATTERY HEATER)
[]	2 TP02829-230	RECEPTACLE - CIRCULAR SHORE POWER (ADAPTER OUTLET)
[]	2 TP02839-S-230	PLUG - SHORE POWER (INLET)
[]	1 TU02615-230	PLACARD - SYSTEM
[]	1 TU02782	CLICK BOND ANCHOR (BATTERY THERMAL CONTROL)
[]	120 TU02847	CABLE TIE
[]	2 TU02855	PRESSURE BLOCK - FCU/HMU ELEMENT INSTALLATION
[]	1 TU03119-01	PLACARD - AV/CABIN HEATER
[]	1 TU03125	FIREWALL CONNECTOR KIT (DECK PENETRATION)
[]	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 APR-06-1997
CHECKED BY:	DNE APR-06-1997
SCALE:	N/A .xlsx TSH format I

DOCUMENT FORMAT UPDATE ADD TN03012	E	DNE	NOV-29-2018
STANDARDIZE AND ADD INSTALL GUIDE TNG1000	D	DNE	JAN-29-2018
CHANGE TO DT SYSTEM	C	DNE	MAR-03-2010
REPLACE TAS300 WITH TAS317 DWG 2042	B	RDN	SEP-07-2004
CHANGE	REV	INIT	DATE
Title: HELI-PREHEAT KIT			
TOP LEVEL DRAWING			
SPEC:		N/A	
SUPERSEDES:		N/A	
SHEET: 1 OF 2	DWG:	02146-230	



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RELATED DOCUMENTS AND DRAWINGS:

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

DOCUMENT NUMBER	DESCRIPTION
TNH2146	INSTRUCTION - PREHEAT KIT INSTALLATION
TNG1000	INSTALLATION GUIDE - STANDARDS REFERENCE
* TCA1000	INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
* TPG1000	OPERATING GUIDE
1078	DRAWING - CABLE KIT WIRE DIAGRAM
03125	DRAWING - FIREWALL CONNECTOR KIT (6-PIN)
03141	DRAWING - CPD (DUAL FUSE KIT)
03152	DRAWING - DOOR KIT, 2-PLACE
TN02070	INSTRUCTION - FLUSH MOUNT PLUG (INLET)
TN02782	INSTRUCTION - CLICK BOND ANCHOR
TN02793	INSTRUCTION - CONNECTOR
TN02829	INSTRUCTION - CIRCULAR PLUG ADAPTER (OUTLETS AND INLETS)
TN02855	INSTRUCTION - FCU ELEMENT INSTALLATION
TN03012	INSTRUCTION - JUNCTION
TN03039	INSTRUCTION - INDICATOR LIGHT
TN03046	INSTRUCTION - THERMAL CONTROL, BATTERY HEATER
TN03094	INSTRUCTION - AV/CABIN 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	E	NOV-29-2018
TITLE: HELI-PREHEAT KIT		
TOP LEVEL DRAWING		
SPEC:	N/A	
SUPERSEDES:	N/A	
SHEET: 2 OF 2	DWG:	02146-230