COLD WEATHER MODIFICATION

P/N: TSTPE331-1050-115
ENGINE PREHEAT KIT - 115 VOLT

PURPOSE:

TOP LEVEL DRAWING - ELIGIBILITY, PARTS, AND RELATED DOCUMENTS REQUIRED FOR INSTALLATION, OPERATION, AND CONTINUED AIRWORTHINESS.
(REPLACES DWG: TAS300-01- TAS300-300-01U- SERIES KITS.)

ELIGIBILITY: TCDS: FAA E4WE, TCCA IE-5

GARRETT / HONEYWELL INTERNATIONAL: TPE331 -3 THRU -12 AND TSE331-3 (DOWN AND UP INLET)
TPE331-3, TPE331-3U, TPE331-3UW, TPE331-5, TPE331-5A, TPE331-5AB, TPE331-5B, TPE331-5U, TPE331-6, TPE331-6A, TPE331-6U, TPE331-8, TPE331-8A, TPE331-9, TPE331-9U, TPE331-10, TPE331-10A, TPE331-10AV, TPE331-10B, TPE331-10G, TPE331-10GP, TPE331-10GR, TPE331-10GT, TPE331-10J, TPE331-10N, TPE331-10P, TPE331-10R, TPE331-10T, TPE331-10U, TPE331-10UA, TPE331-10UF, TPE331-10UG, TPE331-UGR, TPE331-10UJ, TPE331-10UK, TPE331-10UR, TPE331-11U, TPE331-11UA, TPE331-12, TPE331-12B, TPE331-12JR, TPE331-12UA, TPE331-12UAN, TPE331-12UAR, TPE331-12UER, TPE331-12UHR, TSE331-3U.

SUPPLEMENTARY INFORMATION: (AV/CABIN AND BATTERY HEATERS SUPPLIED SEPARATELY REFER TO TNG1000)

A. START INSTALLATION WITH ITEM INVENTORY AND KIT INSTALLATION INSTRUCTION.
B. TOOLS AND HARDWARE NOT SUPPLIED.
C. ELEMENT BONDING SEALANT SUPPLIED SEPARATELY REQUIRES APPROX. 2.0 OZ. REFER TO TN02788.
D. PLUG SUPPLIED LOCATION AND MOUNTING METHOD TO BE DETERMINED (TBD) BY INSTALLING AUTHORITY.
E. STANDARD OPTIONS LISTED IN INSTALLATION GUIDE TNG1000.
F. COMMON PAD HEAT ELEMENT SUBSTITUTIONS:
SUGGESTED FOR OIL TANK CAPACITY OF 4-LITERS OR MORE, P/N: TEP3286-115/90.
ALTERNATES FOR AGB OR PRGB, P/N: TEP2675-115/95, TEP3190-115/120, TEP2878-115/120.

INCLUDES THE FOLLOWING CHECKED [✓] ITEMS:

	QTY	ITEM NUMBER	DESCRIPTION
[ ]	5	CB911	SOLVENT WIPE
[ ]	1	TCT3026	CABLE KIT
[ ]	2	TEP2655-115/90	PAD HEAT ELEMENT - PRGB
[ ]	2	TEP3181-115/120	PAD HEAT ELEMENT - AGB LH AND RH
[ ]	1	TEP3319-115/45	PAD HEAT ELEMENT - OIL TANK
[ ]	1	TLP3039-06-115	INDICATOR LIGHT - 8MM LED
[ ]	1	TP02070-M-115	PLUG - SHORE POWER (INLET)
[ ]	1	TU02615-115	PLACARD
[ ]	40	TU02847	CABLE-TIE
[ ]	1	TWC0001	REGISTRATION / WARRANTY CARD

RELATED DOCUMENTS:

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

DOCUMENT NUMBER	DESCRIPTION
TNT1050	INSTRUCTION - PREHEAT KIT INSTALLATION
TNG1000	INSTALLATION GUIDE - STANDARDS REFERENCE
* TCA1000	INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
* TPG1000	OPERATING GUIDE
03026	DRAWING - CABLE KIT WIRE DIAGRAM
2581	DRAWING - PLUG BRACKET (OPTION FIELD FABRICATION)
2585	DRAWING - PLUG DOUBLER (OPTION FIELD FABRICATION)
TN02070	INSTRUCTION - FLUSH MOUNT PLUG INSTALLATION
TN02788	INSTRUCTION - BONDING PAD ELEMENT (SEALANT)
TN03039	INSTRUCTION - INDICATOR LIGHT

* REFER TO DOCUMENT RECORD AND RETAIN AS INDICATED

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.

CHANGE	REV	INIT	DATE
TURBINE ELEMENTS 1000 SERIES DOCS REMOVE 2782	J	DNE	JAN-18-2021
ADD ELIGIBILITY AND REPLACEMENT LISTING	H	DNE	MAY-12-2016
UPDATE 1/2 INCH INDICATOR TO 3039 8mm LED	G	DNE	NOV-06-2014
UPDATE & SEPARATE KITS BY VOLTAGE -115/-230	F	GDO	FEB-13-2013

CURRENT REV APPROVAL:	Dirk Ellis	
DRAWN BY:	PGT	MAR-12-1987
CHECKED BY:	PGT	MAR-12-1987
SCALE:	N/A	(.xlsx format G)

TANIS AIRCRAFT PRODUCTS
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TITLE:	ENGINE PREHEAT KIT	
	TOP LEVEL DRAWING	
SPEC:	N/A	
SUPERSEDES:	N/A	
SHEET	1 OF 1	DWG: 1050-115

COPY