

**P/N: TSAPU-3090-230**  
**APU PREHEAT KIT - 230 VOLT**

**PURPOSE:**

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

**ELIGIBILITY:**

GARRETT GTCP 85-129/E/H SERIES APU FITTED IN BOEING 737-100, 200, 200C AND OTHERS. INSTALLING AUTHORITY TO DETERMINE MODIFICATION COMPATIBILITY.

**SUPPLEMENTARY INFORMATION:**

NOTE: KIT IS REQUIRED COMPONENT OF AIRCRAFT PREHEAT KIT TSFB737-3277-230 (ENGINES/BATTERY).

- A. START INSTALLATION WITH ITEM INVENTORY AND KIT INSTALLATION INSTRUCTION.
- B. BONDING SEALANT, TOOLS, AND HARDWARE NOT SUPPLIED REFER RELATED DOCUMENTS.
- C. PLUG SUPPLIED LOCATING AND MOUNTING TO BE DETERMINED BY (TBD) INSTALLING AUTHORITY.
- D. STANDARD OPTIONS LISTED IN INSTALLATION GUIDE TNG1000.

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

QTY	ITEM NUMBER	DESCRIPTION
[ ]	5 CB911	SOLVENT WIPE
[ ]	1 CB92	ADHESIVE MIX KIT - CABLE ANCHOR (CHECK EXPIRATION DATE)
[ ]	1 TCT3091	CABLE KIT
[ ]	1 TD02840	DOOR KIT SINGLE PLUG
[ ]	2 TEP2722-230/55	PAD HEAT ELEMENT - AFT SUMP
[ ]	1 TEP3056-230/75	PAD HEAT ELEMENT - AGB
[ ]	1 TEP3181-230/120	PAD HEAT ELEMENT - AGB
[ ]	1 TEP3286-230/90	PAD HEAT ELEMENT - OIL TANK
[ ]	1 TLP3039-06-230	INDICATOR LIGHT - 8MM LED
[ ]	1 TP02829-230	RECEPTACLE - CIRCULAR PLUG ADAPTER (OUTLET)
[ ]	1 TP02839-S-230	PLUG - SHORE POWER (INLET)
[ ]	1 TU02615-230	PLACARD
[ ]	4 TU02782	CABLE TIE ANCHOR (USE AS NEEDED)
[ ]	40 TU02847	CABLE TIE
[ ]	1 TWC0001	REGISTRATION / WARRANTY CARD

**RELATED DOCUMENTS:**

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

DOCUMENT NUMBER	DESCRIPTION
TNA3090	INSTRUCTION - PREHEAT KIT INSTALLATION
TNG1000	INSTALLATION GUIDE - STANDARDS REFERENCE
* TCA1000	INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
* TPG1000	OPERATING GUIDE
03091	DRAWING - CABLE KIT WIRE DIAGRAM
TN02070	INSTRUCTION - FLUSH MOUNT PLUG INSTALLATION
TN02782	CABLE TIE ANCHOR
TN02793	INSTRUCTION - CONNECTOR
TN02829	INSTRUCTION - CIRCULAR PLUG ADAPTER (OUTLET)
TN02840	INSTRUCTION - DOOR KIT
TN03012	INSTRUCTION - JUNCTION
TN03039	INSTRUCTION - INDICATOR LIGHT
TNDC730	INSTRUCTION - BONDING PAD ELEMENT (DC 730 NOT SUPPLIED)
* REFER TO DOCUMENT RECORD AND RETAIN AS INDICATED	

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1000 SERIES DOCUMENT UPDATE, 3081, 3286, AND TNDC730	C	DNE	AUG-30-2019
REPLACE 2928 WITH 3056 ELEMENT	B	DNE	JUN-26-2015
INSTALLATION QUALIFICATION	A	GDO	MAY-12-2015
CHANGE	REV	INIT	DATE
TITLE: ENGINE PREHEAT KIT			
TOP LEVEL DRAWING			
SPEC: 90000			
SUPERSEDES: N/A			
SHEET	1 OF 1	DWG:	03090-230

CURRENT REV APPROVAL:			
DRAWN BY:	GDO	MAY-12-2015	
CHECKED BY:	DNE	MAY-12-2015	
SCALE:	N/A		



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