

P/N: TSFQ400-2955-230
PREHEAT KIT - 230 VOLT

PURPOSE:

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

ELIGIBILITY: TCDS: FAA A13NM, TCCA A-142
 BOMBARDIER DHC-8-400 SERIES WITH TWO PW150A ENGINES.
 (MARKET NOMENCLATURE Q400)

SUPPLEMENTARY INFORMATION: (INCLUDES BATTERY HEATERS VERIFY CONFIGURATION PER AIRCRAFT).

NOTE: 230 VOLT KIT PREFERRED FOR COMMERCIAL OPERATIONS WITH HIGH VOLTAGE EXTERNAL POWER ACCESS.

- A. START INSTALLATION WITH ITEM INVENTORY AND PREHEAT KIT INSTALLATION INSTRUCTION.
- B. TOOLS AND HARDWARE NOT SUPPLIED, REVIEW RELATED DOCUMENTS FOR RECOMMENDATIONS AND OPTIONS.
- C. ELEMENT BONDING SEALANT NOT SUPPLIED REQUIRES 24 OZ. DC 730 REFER TO TND730.
- D. STANDARD OPTIONS LISTED IN INSTALLATION GUIDE TNG1000.

INCLUDES THE FOLLOWING CHECKED [✓] ITEMS:

QTY	ITEM NUMBER	DESCRIPTION
[]	16 CB911	SOLVENT WIPE - ELEMENT INSTALLATION
[]	1 CB92	INSTALLATION KIT - CLICK BOND ANCHOR
[]	3 TBP3228-38-230/100	BATTERY HEAT ELEMENT - 38 X 5 INCH
[]	1 TCF2956	CABLE KIT
[]	2 TEN2952-84-230/250	PAD HEAT ELEMENT - ENGINE PRGB SUMP
[]	2 TEN2953-72-230/300	PAD HEAT ELEMENT - ENGINE PRGB LH
[]	2 TEN2954-84-230/300	PAD HEAT ELEMENT - ENGINE PRGB RH
[]	2 TEN2964-72-230/225	PAD HEAT ELEMENT - ENGINE AGB LH
[]	2 TEN2965-72-230/240	PAD HEAT ELEMENT - ENGINE AGB RH
[]	3 TLP3039-06-230	INDICATOR LIGHT
[]	2 TLP3046-05	THERMAL CONTROL +5°C
[]	3 TP02829-230	RECEPTACLE - CIRCULAR PLUG ADAPTER (OUTLET)
[]	3 TP02980-230	PLUG - SHORE POWER (INLET)
[]	3 TU02615-230	PLACARD (EACH PLUG)
[]	2 TU02782	CABLE-TIE ANCHOR (BATTERY THERMAL CONTROL)
[]	120 TU02847	CABLE-TIE
[]	3 TU03145	INDICATOR LIGHT TAB
[]	1 TWC0001	REGISTRATION / WARRANTY CARD

RELATED DOCUMENTS AND DRAWINGS:

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

DOCUMENT NUMBER	DESCRIPTION
TNF2955	INSTRUCTION - PREHEAT KIT INSTALLATION
TNG1000	INSTALLATION GUIDE - STANDARDS REFERENCE
* TCA1000	INSTRUCTIONS FOR CONTINUED AIRWORTHINESS
* TPG1000	OPERATING GUIDE
02956	DRAWING - CABLE KIT WIRE DIAGRAM
02983	DRAWING - SHORE POWER KIT - ASSEMBLY (PARTS SOURCED BY INSTALLER)
02984	DRAWING - MOUNTING PLATE (FIELD FABRICATED)
TN02782	INSTRUCTION - CABLE ANCHOR KIT
TN02793	INSTRUCTION - CONNECTOR
TN02829	INSTRUCTION - CIRCULAR PLUG ADAPTER (OUTLET)
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 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.

CONFIGURE ALL BATTERIES WITH 3228 HEAT ELEMENTS	D	DNE	SEP-24-2020
ADD NOTE SUPPLEMENTARY INFO AND INCREASED WATTAGE OF 230V AGB ELEMENTS	C	DNE	AUG-20-2019
FORMAT W/1000 SERIES DOCS CHANGE AGB ELEMENTS.	B	DNE	NOV-27-2018
INITIAL RELEASE	A	GDO	OCT-17-2012
CHANGE	REV	INIT	DATE



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Title:	PREHEAT KIT
	TOP LEVEL DRAWING
SPEC:	N/A
SUPERSEDES:	N/A
SHEET: 1 OF 1	DWG: 02955-230

CURRENT REV APPROVAL:	
DRAWN BY:	GDO OCT-17-2012
CHECKED BY:	DNE OCT-17-2012
SCALE:	N/A .xlsx TSH format I