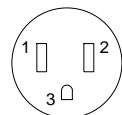
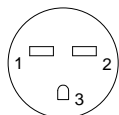


## NOTES

- 1 CABLE KIT USED WITH 115 AND 230-VOLT ENGINE KITS. INSTALLED WITH REFERENCE TO PREHEAT INSTRUCTION TNT2556.
  - A. POWER LEAD AND GROUND PINOUT DEPICTED IN SHORE POWER PLUG CONFIGURATION SHEET 2.
  - B. TERMINATE ARROWED WIRES AS INDICATED. (SPARE SOCKET CONTACTS SUPPLIED).
  - C. WIRES MAY BE CUT AND RE-TERMINATED (SPARE SOCKET CONTACTS SUPPLIED).
  - D. CIRCUIT PROTECTION DEVICE (CPD) NOT TO EXCEED 12 AMPS.
  - E. CIRCUIT LOAD NOT TO EXCEED 80% OF CPD AMPERAGE RATING.
  - F. WIRING IN PARALLEL, NEC/NEMA COLOR CODE.
- 2 SUPPLIED THROUGH NEXT HIGHER ASSEMBLY (NHA) PREHEAT KIT TOP LEVEL DRAWING (PLUG, CPD, ELEMENTS, ETC.).
- 3 PARTS SUPPLIED IN BULK.
- 4 PARTS SUPPLIED PARTIALLY ASSEMBLED.
- 5 CORRESPONDING RECEPTACLE PLUG ADAPTOR (OUTLET) SUPPLIED WITH 230 VOLT KIT THROUGH NHA AND WIRED ON EXTENSION CORDS PROVIDED BY OPERATOR (INSTRUCTION TN02829).
- 6 BEFORE CONNECTING TO POWER COMPLETE FUNCTIONAL SYSTEM CHECK WITH OHMMETER, REFER TO KIT SPECIFIC INSTRUCTION AND/OR TNG1000.
- 7 OPTION SUPPLIED SEPARATELY, FOR STANDARD OPTIONS REFER TO INSTRUCTION GUIDE TNG1000.



115-VOLT PLUG  
(NEMA 5-15P)



230 VOLT PLUG  
(NEMA 6-15P)

### SHORE POWER PLUG CONFIGURATION:

1. "BLK" TO BRASS OR BLACK SCREW.
2. "WHT" TO SILVER SCREW.
3. "GRN" TO GREEN GROUND SCREW.


INFORMATION CONTAINED IN THIS DOCUMENT AND ALL OTHER ASSOCIATED DOCUMENTS IS PROPRIETARY AND ARE NOT TO BE REPRODUCED OR DISCLOSED IN WHOLE OR IN PART OR USED FOR ANY DESIGN OR MANUFACTURE WITHOUT DIRECT WRITTEN AUTHORIZATION FROM TANIS AIRCRAFT PRODUCTS.

10	REF	LABEL PACK	1 BAG	LABELS PER DRAWING	TANIS - USE AS REQUIRED
9	REF	0462-201-16141	6	SOCKET CONTACT - SOLID CRIMP TYPE	TE - USE AS NEEDED AND SPARES
8	2	TCS2598	5	SOCKET CONNECTOR KIT - 2 CONTACT	TANIS - (SOCKET CONTACT 0462-201-16141)
<b>BULK MATERIAL LIST</b>					

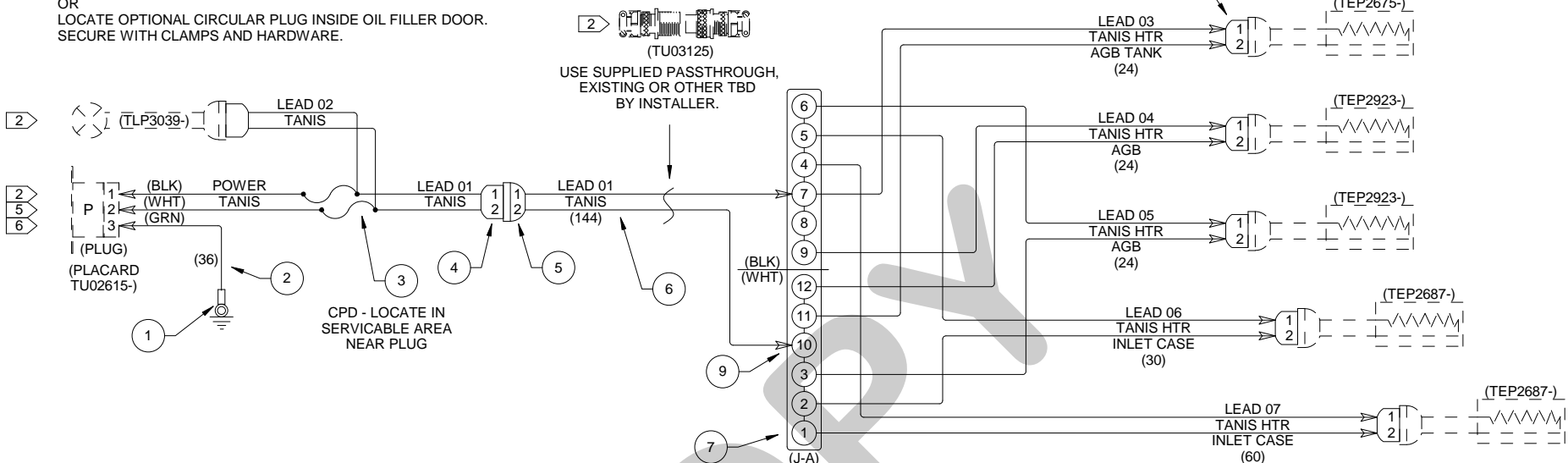
7	2	TCJ3012	1	JUNCTION KIT - 6 LEAD	TANIS - (SOCKET CONTACT 0462-201-16141)
6	2	22759-182	306	18 GAUGE - 2 CONDUCTOR	TANIS - WHT/BLK RED JACKET (LENTH INCHES)
5	2	TCP2598	1	PIN CONNECTOR KIT - 2 CONTACT	TANIS - (PIN CONTACT 0460-202-16141)
4	2	TCS2598	1	SOCKET CONNECTOR KIT - 2 CONTACT	TANIS - (SOCKET CONTACT 0462-201-16141)
3	2	TL03013-B	1	CPD - FUSED LINK W/SPARE LEAD	TANIS - FUSES 12A TU02848
2	2	22759-181	36	18 GAUGE - 1 CONDUCTOR	TANIS - GREEN (LENTH INCHES)
1	2	MS25036-103	1	RING TERMINAL - GROUND	MS - #10 RING - CRIMP TERMINAL

ITEM	SHT	PART NUMBER	QTY	DESCRIPTION	MATERIAL / SPECIFICATIONS
------	-----	-------------	-----	-------------	---------------------------

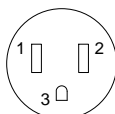
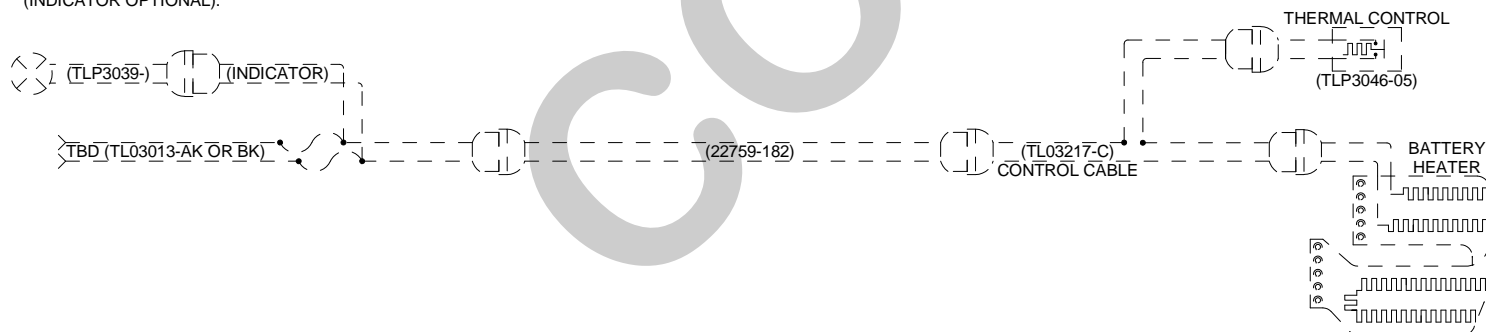
MATERIAL LIST					
---------------	--	--	--	--	--

CURRENT REV APPROVAL:				DRAWN BY	DIRK ELLIS	JUL-19-2012	TITLE:  CABLE KIT		
				CHECKED BY	GLEN OLIN	JUL-19-2012			
				SCALE	NOT TO SCALE		P/N: TCT2542 (NHA 2556)		
B	REDRAW STANDARDIZE PARTS	OCT-23-2019	DNE		TANIS AIRCRAFT PRODUCTS GLENWOOD MUNICIPAL AIRPORT GLENWOOD, MN 56334 USA +1.952.224.4425		SPEC: 90000		
A	INITIAL RELEASE	JUL-19-2012	DNE				SUPERSEDES: N/A		
REV.	CHANGE	DATE	INIT				DRAWING: 2542		SHEET: 1 OF 2

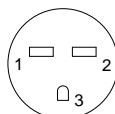
- 7 PLUG:  
LOCATE ON AIRFRAME IN NON-STRUCTURAL INSPECTION  
PANEL. OPTIONAL DOOR AND/OR DOUBLER MAY BE USED.  
OR  
LOCATE OPTIONAL CIRCULAR PLUG INSIDE OIL FILLER DOOR.  
SECURE WITH CLAMPS AND HARDWARE.



- 7 OPTION: BATTERY HEATER.  
CONNECTS LOAD SIDE OF PLUG WITH  
SYSTEM OR DEDICATED PLUG  
(INDICATOR OPTIONAL).



115-VOLT PLUG  
(NEMA 5-15P)



230 VOLT PLUG  
(NEMA 6-15P)

SHORE POWER PLUG CONFIGURATION:  
1. "BLK" TO BRASS OR BLACK SCREW.  
2. "WHT" TO SILVER SCREW.  
3. "GRN" TO GREEN GROUND SCREW.



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

TITLE: CABLE KIT

REV. B

DATE: OCT-23-2019

WIRE DIAGRAM

DRAWING: 2542

SHEET: 2 OF 2