

## NOTES

- 1 CABLE KIT USED WITH 115 AND 230-VOLT KITS. INSTALLED WITH REFERENCE TO PREHEAT KIT INSTRUCTION TNH3049.
  - A. POWER LEAD AND GROUND PINOUT DEPICTED IN SHORE POWER PLUG CONFIGURATION SHEET 2.
  - B. TERMINATE ARROWED WIRES AS INDICATED, REFERENCES IN PARENTHESES ( ) MFG AND INSTALLATION NOTES.
  - C. WIRES MAY BE CUT AND RE-TERMINATED.
  - D. FUSE NOT TO EXCEED 12 AMPS.
  - E. CIRCUIT LOAD NOT TO EXCEED 80% OF CICURIT PROTECTION DEVICE (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 BATTERY HEATER THERMAL CONTROL. LOCATE 6 TO 18 INCHES / 15 TO 45 CM FROM ELEMENT (AMBIENT AIR SENSOR CIRCUIT CLOSED BELOW FREEZING OPEN ABOVE).
- 6 CORRESPONDING RECEPTACLE PLUG ADAPTOR (OUTLET) SUPPLIED WITH 230 VOLT KIT THROUGH NHA AND WIRED ON EXTENSION CORDS PROVIDED BY OPERATOR.
- 7 BEFORE CONNECTING TO POWER COMPLETE FUNCTIONAL SYSTEM CHECK WITH OHMMETER, REFER TO PREHEAT KIT INSTRUCTION TNF3049 AND TNG1000.


12	2	TCP2603	1	PIN CONNECTOR KIT - 3 CONTACT	TANIS PART (PIN CONTACT P/N: 0460-202-16141)
11	2	TCS2603	1	SOCKET CONNECTOR KIT - 3 CONTACT	TANIS PART (SOCKET CONTACT P/N: 0462-201-16141)
10	2	DT04-2P-C017	1	SEALING CAP - SOCKET CONNECTOR	TE - GREY
9	2	TL03217-C	1	CONTROL CABLE (BATTERY HEATER)	TANIS - (THERMAL CONTROL TLP3046 NHA)

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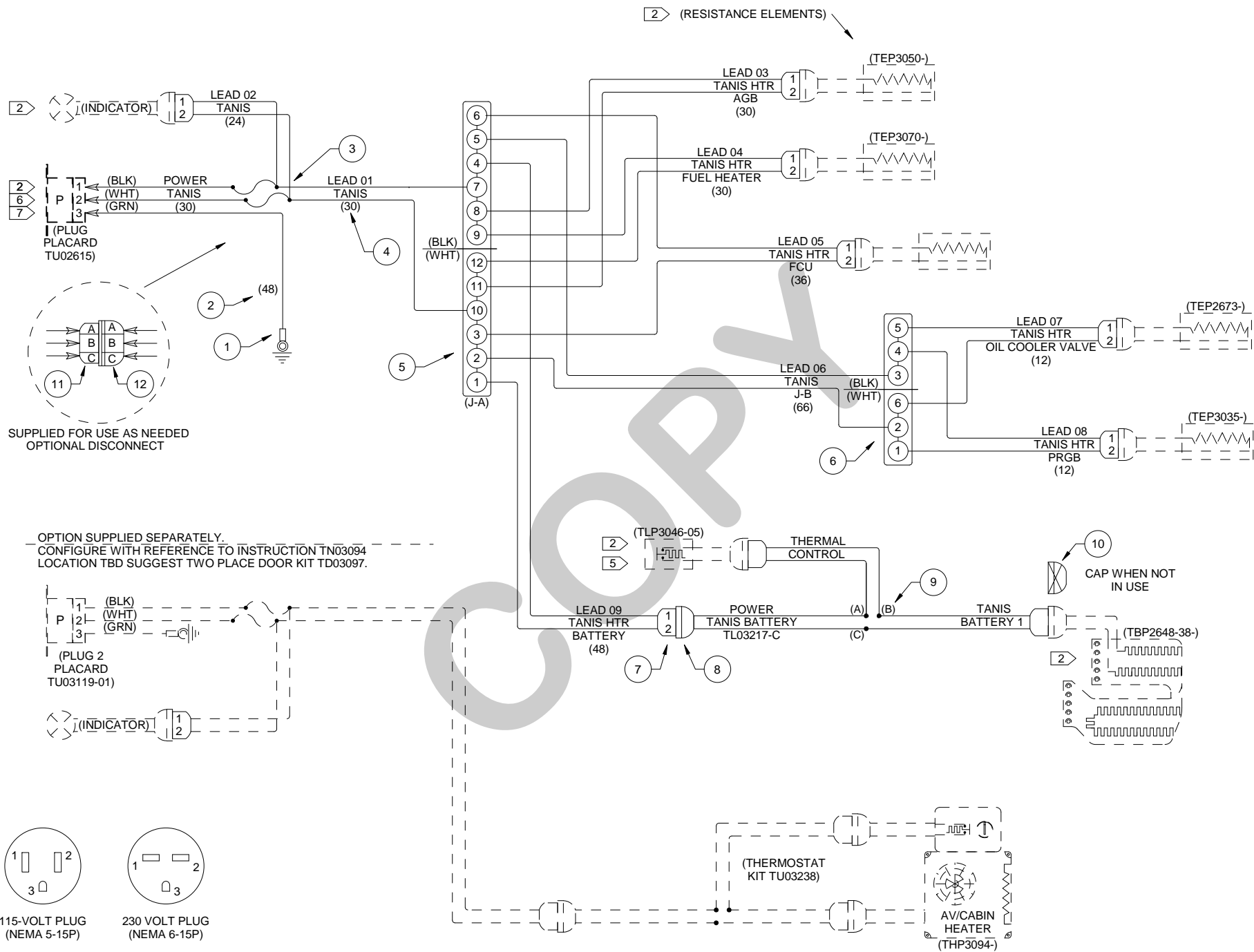
### BULK MATERIAL LIST

8	2	TCP2598	REF	PIN CONNECTOR KIT - 2 CONTACT	TANIS - (PIN CONTACT 0460-202-16141)
7	2	TCS2598	7	SOCKET CONNECTOR KIT - 2 CONTACT	TANIS - (SOCKET CONTACT 0462-201-16141)
6	2	TCJ3106	1	JUNCTION KIT - 3 LEAD	TANIS PART (SOCKET CONTACT P/N: 0462-201-16141)
5	2	TCJ3012	1	JUNCTION KIT - 6 LEAD	TANIS - (SOCKET CONTACT 0462-201-16141)
4	2	22759-182	318	18 GAUGE - 2 CONDUCTOR	TANIS - WHT/BLK RED JACKET (LENGTH INCHES)
3	2	(N/A)	1	MFG ASSEMBLY PER DWG 03013 SHEET 1 DETAIL B	TANIS - FUSED LINK CPD W/SPARE LEAD AND TU02848 12A FUSES
2	2	22759-181	48	18 GAUGE - 1 CONDUCTOR	TANIS - GREEN (LENGTH INCHES)
1	2	MS25036-103	1	RING TERMINAL - GROUND	MS - #10 RING - CRIMP TERMINAL

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ITEM	SHT	PART NUMBER	QTY	DESCRIPTION	MATERIAL / SPECIFICATIONS
MATERIAL LIST					
(vc6 TC format H)					
CURRENT REV APPROVAL:				DRAWN BY	GLEN OLIN
G	ADD DEPICTION OF OPTIONAL AV HEATER CIRCUIT RE # LEADS	JUN-28-2019	DNE	CHECKED BY	DIRK ELLIS
F	ECR 2018-0009	JUL-06-2018	GDO	SCALE	NOT TO SCALE
E	ECR 2016-0021	NOV-02-2016	GDO	 <b>TANIS AIRCRAFT PRODUCTS</b> GLENWOOD MUNICIPAL AIRPORT GLENWOOD, MN 56334 USA +1.952.224.4425	
D	REDRAW STANDARDIZE AND ADD TCJ3106	FEB-24-2016	GDO		
REV.	CHANGE	DATE	INIT		
				TITLE: CABLE KIT	
				P/N: TCT3021 (3049)	
				SPEC: 90000	
				SUPERSEDES: N/A	
				DRAWING: 03021	SHEET: 1 OF 2

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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

WIRE DIAGRAM

REV. G

DRAWING: 03021

DATE: JUN-28-2019

SHEET: 2 OF 2