

NOTES

- 1 CABLE KIT USED WITH 115 AND 230-VOLT KITS. INSTALLED WITH REFERENCE TO PREHEAT KIT INSTRUCTION TNH2772.
 - 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. REFER TO PREHEAT KIT INSTRUCTION TNH2772 AND TNG1000.
- 8 OPTION SUPPLIED SEPERATLY. REFER TO KIT SPICFICT INSTRUTRIONS AND TNG1000 FOR ADDTIOANAL OPTIONS AND INFORMATION.


14	2-3	LABEL PACK	1 BAG	LABELS PER DRAWING	TANIS - USE AS REQUIRED
13	2-3	0460-202-16141	6	PIN CONTACT - SOLID CRIMP TYPE	TE - USE AS REQUIRED (SPARES)
12	2-3	0462-201-16141	48	SOCKET CONTACT - SOLID CRIMP TYPE	TE - USE AS REQUIRED (JUNCTION LEAD TERMINATION & SPARES)
11	3	DT04-2P-C017	1	SEALING CAP - SOCKET CONNECTOR	TE - GREY
10	3	TL03217-C	1	CONTROL CABLE (BATTERY HEATER)	TANIS - (THERMAL CONTROL TLP3046 NHA)
9	3	TCP2598	1	PIN CONNECTOR KIT - 2 CONTACT	TANIS - (PIN CONTACT 0460-202-16141)
8	2-3	TCS2598	4	SOCKET CONNECTOR KIT - 2 CONTACT	TANIS - (SOCKET CONTACT 0462-201-16141)
7	2-3	22759-182	1320	18 GAUGE - 2 CONDUCTOR	TANIS - WHT/BLK RED JACKET (110 FT)

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BULK MATERIAL LIST

6	3	TCJ3012	1	JUNCTION KIT - 6 LEAD	TANIS - (SOCKET CONTACT 0462-201-16141)
5	2-3	TCS2598	12	SOCKET CONNECTOR KIT - 2 CONTACT	TANIS - (SOCKET CONTACT 0462-201-16141)
4	2-3	TCJ3008	5	JUNCTION KIT - 4 LEAD	TANIS - (SOCKET CONTACT 0462-201-16141)
3	2-3	22759-182	936	18 GAUGE - 2 CONDUCTOR	TANIS - WHT/BLK RED JACKET (MFG REF LENGTH INCHES)
2	2	22759-181	18	18 GAUGE - 1 CONDUCTOR	TANIS - GREEN (LENTH INCHES)
1	2	MS25036-103	1	RING TERMINAL - GROUND	MS - #10 RING - CRIMP TERMINAL

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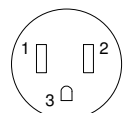
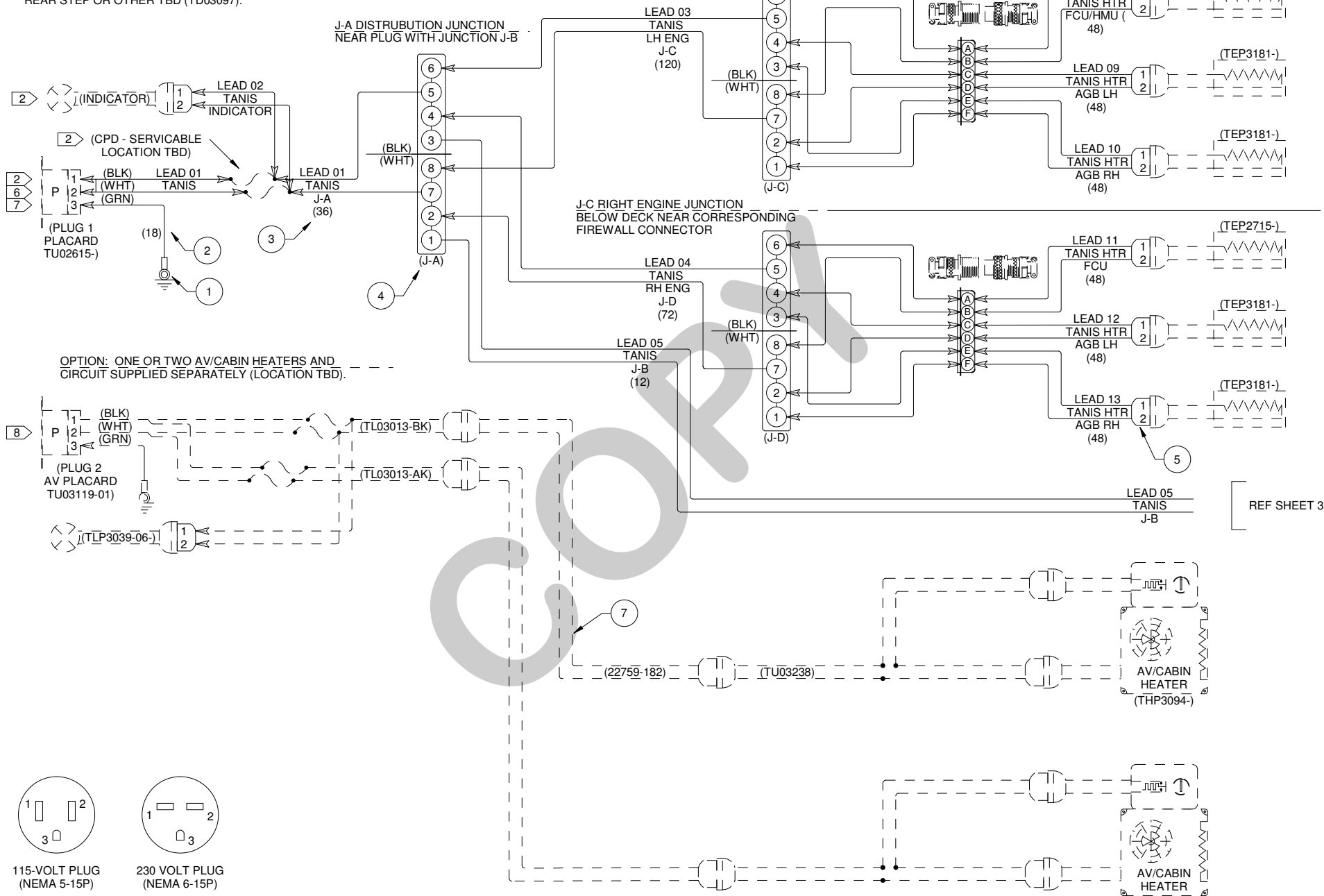
ITEM	SHT	PART NUMBER	QTY	DESCRIPTION	MATERIAL / SPECIFICATIONS
MATERIAL LIST (vc6 TC format H)					
CURRENT REV APPROVAL:				DRAWN BY	DIRK ELLIS
C	AV/HEATER AND CIRCUIT OPTION	DEC-31-2019	DNE	CHECKED BY	GLEN OLIN
B	STANDARDIZE CONNECTORS ADD AV HEATER CIRCUIT	AUG-02-2019	DNE	SCALE	NOT TO SCALE
A	UPDATE TO 18 GAUGE WIRE	JAN-15-2016	GDO	 TANIS AIRCRAFT PRODUCTS GLENWOOD MUNICIPAL AIRPORT GLENWOOD, MN 56334 USA +1.952.224.4425	
-	INITIAL RELEASE	AUG-06-2010	DNE		
REV.	CHANGE	DATE	INIT		
TITLE:					CABLE KIT
P/N: TCH2769 (NHA 2772)					SPEC: 90000
					SUPERSEDES: N/A
DRAWING: 02769					SHEET: 1 OF 3

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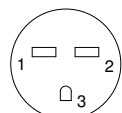
RIGHT AFT SIDE
ABOVE OR ADJACENT TO
GROUND POWER CONNECTION,
REAR STEP OR OTHER TBD (TD03097).

J-C LEFT ENGINE JUNCTION
BELOW DECK NEAR CORRESPONDING
FIREWALL CONNECTOR

CONNECTOR KITS OUTBOARD
OF ENGINES WITH EXISTING
DISCONNECTS



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

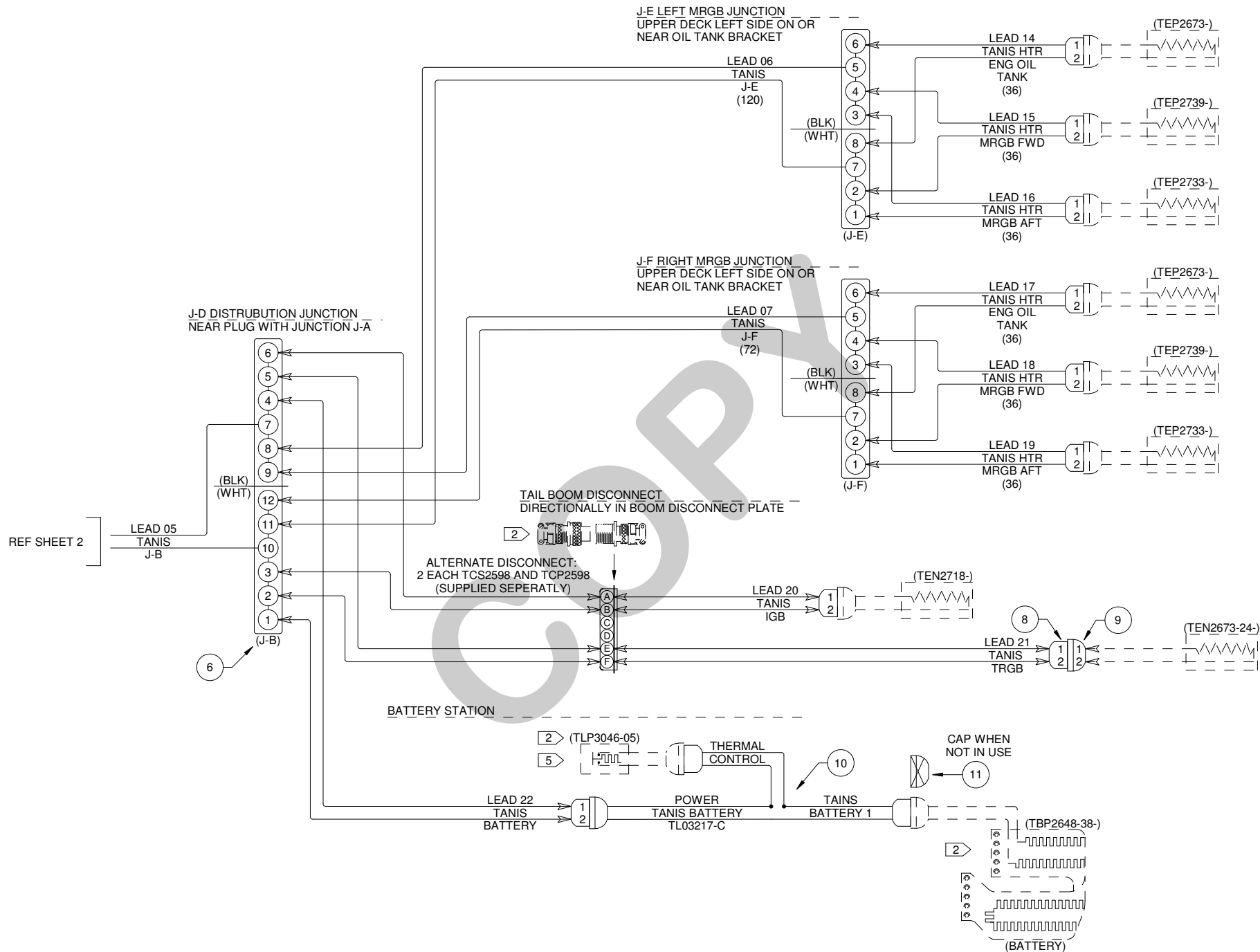
WIRE DIAGRAM

REV. C

DRAWING: 02769

DATE: DEC-31-2019

SHEET: 2 OF 3



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TITLE: CABLE KIT

WIRE DIAGRAM

REV. C

DRAWING: 02769

DATE: DEC-31-2019

SHEET: 3 OF 3