

## NOTES

- 1 CABLE KIT USED WITH 115 AND 230-VOLT KITS. INSTALLED WITH REFERENCE TO TNH2407.
  - A. POWER LEAD AND GROUND PINOUT DEPICTED IN SHORE POWER PLUG CONFIGURATION SHEET 2.
  - B. TERMINATE ARROWED WIRES AS INDICATED.
  - 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.
- 3> PARTS SUPPLIED IN BULK.
- 4> PARTS SUPPLIED PARTIALLY ASSEMBLED.
- 5> THERMAL CONTROL LOCATED 6 TO 18 INCHES / 15 TO 45 CM FROM ELEMENT (AMBIENT AIR SENSOR CIRCUIT CLOSED BELOW FREEZING OPEN ABOVE).
- 6> AV/CABIN HEATER LOCATION TO BE DETERMINED (TBD) BY OPERATOR REFER TO INSTRUCTION TN03094.
- 7> CORRESPONDING RECEPTACLE PLUG ADAPTOR (OUTLET) SUPPLIED WITH 230 VOLT KIT THROUGH NHA AND WIRED ON EXTENSION CORDS PROVIDED BY OPERATOR (INSTRUCTION TN02829).
- 8> BEFORE CONNECTING TO POWER COMPLETE FUNCTIONAL SYSTEM CHECK WITH OHMMETER, REFER TO KIT SPECIFIC INSTRUCTION AND/OR TNG1000.

15	REF	LABEL PACK	1 BAG	LABELS PER DRAWING	TANIS - USE AS REQUIRED
14	REF	0460-202-16141	6	PIN CONTACT - SOLID CRIMP TYPE	TE - USE AS REQUIRED (SPARES)
13	REF	0462-201-16141	12	SOCKET CONTACT - SOLID CRIMP TYPE	TE - USE AS REQUIRED (JUNCTION LEAD TERMINATION & SPARES)
12	2	DT04-2P-C017	2	SEALING CAP - SOCKET CONNECTOR	TE - GREY
11	2	TL03217-C	1	THERMAL CONTROL CABLE (BATTERY)	TANIS - (THERMAL CONTROL NHA)
10	2	TCP2598	1	PIN CONNECTOR KIT - 2 CONTACT	TANIS - (PIN CONTACT 0460-202-16141)
9	2	TCS2598	7	SOCKET CONNECTOR KIT - 2 CONTACT	TANIS - (SOCKET CONTACT 0462-201-16141)


### BULK MATERIAL LIST

8	2	TCJ3012	1	JUNCTION KIT - 6 LEAD	TANIS - (SOCKET CONTACT 0462-201-16141)
7	2	TCJ3008	1	JUNCTION KIT - 4 LEAD	TANIS - (SOCKET CONTACT 0462-201-16141)
6	2	TCS2598	3	SOCKET CONNECTOR KIT - 2 CONTACT	TANIS - (SOCKET CONTACT 0462-201-16141)
5	2	22759-182	1092	18 GAUGE - 2 CONDUCTOR	TANIS - WHT/BLK RED JACKET (LENTH INCHES)
4	2	(N/A)	1	(MFG ASSEMBLY PER DWG 03013 DETAIL A)	TANIS CPD - DUAL FUSED LINK 12A FUSES
3	2	(N/A)	1	(MFG ASSEMBLY PER DWG 03013 DETAIL B)	TANIS CPD - DUAL FUSED LINK W/SPARE LEAD 12A FUSES
2	2	MS25036-103	1	RING TERMINAL - GROUND	MS - #10 RING - CRIMP TERMINAL
1	2	22759-181	18	18 GAUGE - 1 CONDUCTOR	TANIS - GREEN (LENTH INCHES)

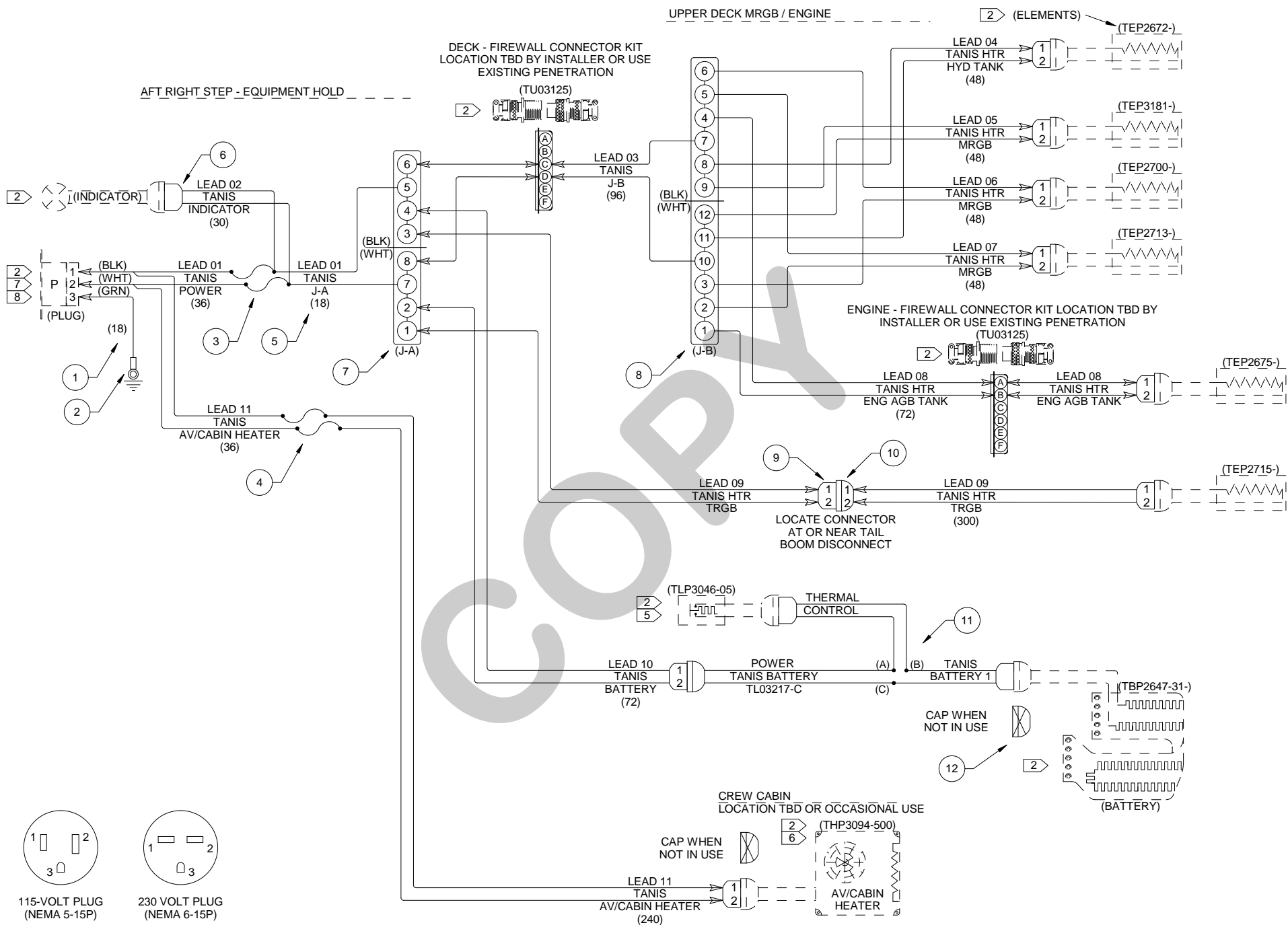
ITEM	SHT	PART NUMBER	QTY	DESCRIPTION	MATERIAL / SPECIFICATIONS
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### MATERIAL LIST

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CURRENT REV APPROVAL:				DRAWN BY	DIRK ELLIS	DEC-07-2010	TITLE:	
D	CONFIGURE WITH TU03125, AV AND BATTERY HEATERS	DEC-31-2018	DNE	CHECKED BY	GLEN OLIN	DEC-07-2010	CABLE KIT	
C	ECR 2016-0028	DEC-08-2016	GDO	SCALE	NOT TO SCALE		P/N: TCH2803 (NHA 2407)	
B	RE-DRAW FORMAT STANDARDIZATION	NOV-03-2016	GDO		<b>TANIS AIRCRAFT PRODUCTS</b> GLENWOOD MUNICIPAL AIRPORT GLENWOOD, MN 56334 USA +1.952.224.4425		SPEC: 90000	
-	INITIAL RELEASE	DEC-07-2010	DNE				SUPERSEDES: N/A	
REV.	CHANGE	DATE	INIT				DRAWING: 02803	

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

TITLE: CABLE KIT

WIRE DIAGRAM

REV. D

DRAWING: 02803

DATE: DEC-31-2018

SHEET: 2 OF 2