

NOTES

1 CABLE KIT USED WITH 115 AND 230-VOLT KITS (CABLING 18 GAUGE M27500 P/N: 22759-182). FOR SUPPLEMENTAL INSTRUCTIONS REFER TO STANDARD BATTERY KIT INSTRUCTION: TN02800.

A. POWER LEAD AND GROUND PINOUT DEPICTED IN SHORE POWER PLUG CONFIGURATION SHEET 2.

B. TERMINATE ARROWED WIRES AS INDICATED, REFERENCE NOTES IN PARENTHESES ().

C. LEADS MAY BE LENGTHENED, CUT AND RE-TERMINATED OR CAPPED AS REQUIRED.

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.

NOTE: SPEC AS22759/187, PTFE BLACK WIRE INSULATOR MAY APPEAR GRAY IN COLOR.

2 SUPPLIED THROUGH NEXT HIGHER ASSEMBLY (NHA) OR SOURCED SEPARATELY AS NEEDED.

3 PARTS SUPPLIED IN BULK.

4 PARTS SUPPLIED PARTIALLY ASSEMBLED.

5 LOCATE LIGHT W/ PLUG USING LIGHT TAB P/N: TU03145 (SUPPLIED W/ NHA) OR PANEL MOUNT LIGHT NEAR PLUG. WHEN LIGHT SUPPLIED WITH RED WIRE CONNECTOR POLARITY BLACK #1 / RED #2.

6 THERMAL CONTROL: REFER TO INSTRUCTION: TN03046 LOCATE 6 TO 18 INCHES / 15 TO 45 CM FROM HEAT ELEMENT (AMBIENT AIR SENSOR CIRCUIT CLOSED BELOW FREEZING OPEN ABOVE).

7 ELEMENTS: WRAP AROUND BATTERY CLEAR OF BRACKETING, CONNECTORS AND CHAFE POINTS. GENTLY LACE IN-PLACE W/ CABLE-TIES OR APPROPRIATE LACING. TO AVOID DAMAGE TO ELEMENT ALTERNATE TENSION BETWEEN TIES.

8 ADDITIONAL CABLING SUPPLIED SEPERATLY. SOCKET AND PIN CONNECTOR KITS SUPPLIED FOR USE AS NEEDED.

9 BEFORE CONNECTING TO POWER COMPLETE FUNCTIONAL SYSTEM CHECK WITH OHMMETER, REFER TO KIT SPECIFIC INSTRUCTION AND/OR TNG1000.

13	2	DT04-2P-C017	REF	SEALING CAP - SOCKET CONNECTOR	TE - GREY (SOURCED SEPARATELY AS NEEDED)
12	2	22759-182	REF	18 GAUGE - 2 CONDUCTOR	TANIS - M27500 CABLE (SOURCED SEPARATELY AS NEEDED)
11	2	TCS2598	1	SOCKET CONNECTOR KIT - 2 CONTACT	TANIS - (SOCKET CONTACT 0462-201-16141)
10	2	TCP2598	1	PIN CONNECTOR KIT - 2 CONTACT	TANIS - (PIN CONTACT 0460-202-16141)

3


BULK MATERIAL LIST

9	2	TL03217-D	1	THERMAL CONTROL CABLE ASSEMBLY	TANIS - DUAL BATTERY
8	2	TL03217-C	1	THERMAL CONTROL CABLE ASSEMBLY	TANIS - SINGLE BATTERY
7	2	22759-182	66	18 GAUGE - 2 CONDUCTOR	TANIS - M27500 CABLE (SOURCED SEPARATELY AS NEEDED)
6	2	TCJ3106	1	JUNCTION KIT - 3 LEAD	TANIS - (SOCKET CONTACT 0462-201-16141)
5	2	TCP2598	1	PIN CONNECTOR KIT - 2 CONTACT	TANIS - (PIN CONTACT 0460-202-16141)
4	2	TCS2598	3	SOCKET CONNECTOR KIT - 2 CONTACT	TANIS - (SOCKET CONTACT 0462-201-16141)
3	2	TL03013-B	1	CPD - FUSED LINK W/SPARE LEAD	TANIS - W2 EA. TU02848 12A FUSES
2	2	22759-181	18	18 GAUGE - 1 CONDUCTOR	TANIS - GREEN (LENGTH INCHES)
1	2	MS25036-103	1	RING TERMINAL - GROUND	MS - #10 RING - CRIMP TERMINAL

4

MATERIAL LIST

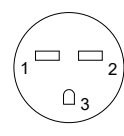
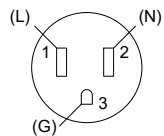
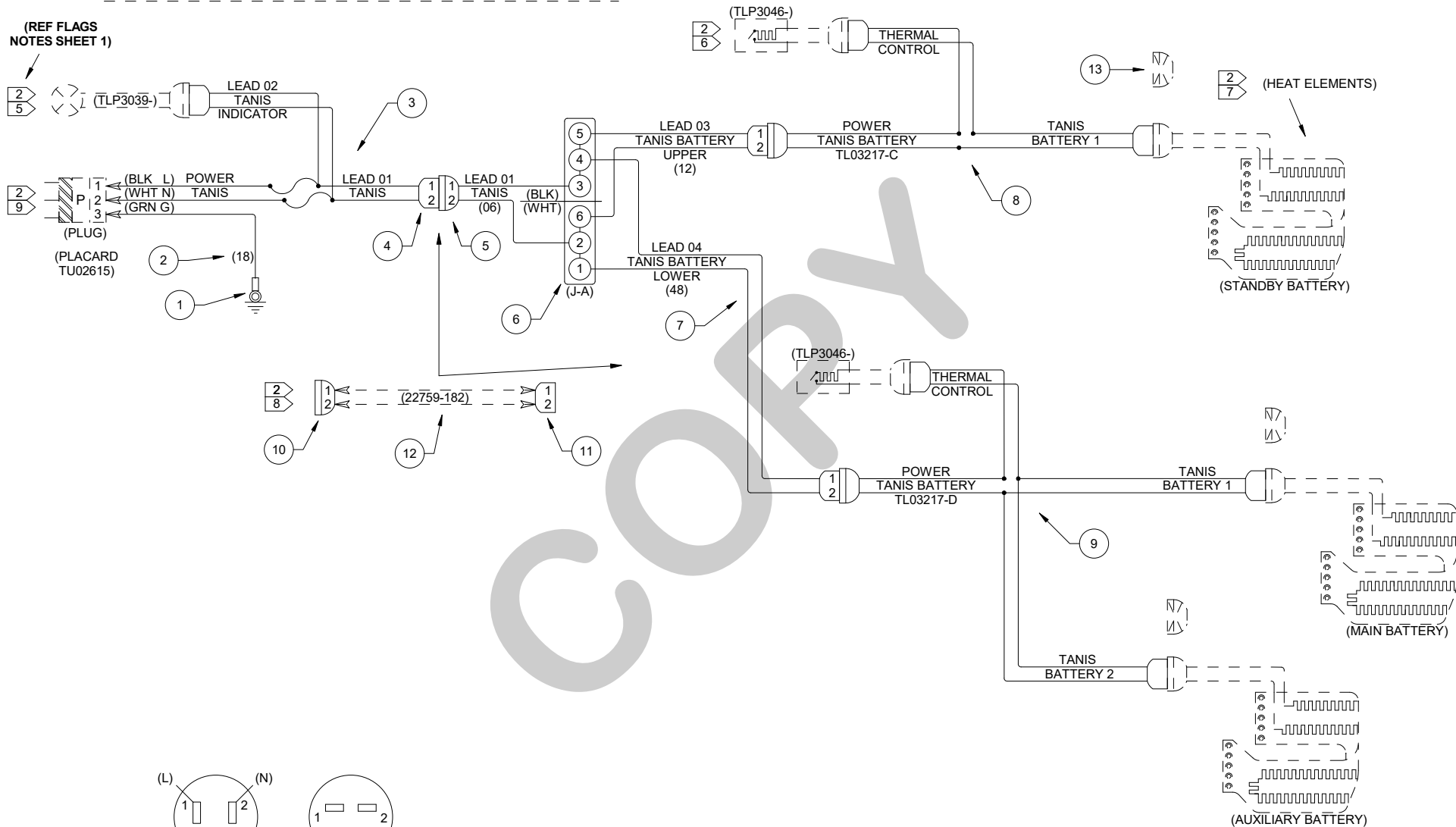
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CURRENT REV APPROVAL:				DRAWN BY	DIRK ELLIS	OCT-04-2012	TITLE: CABLE KIT		
D	ADD NOTES REVISE W/ 3013 AND 3217 ASSEMBLIES MOVE 3046 TO TLD	MAY-26-2021	DNE	CHECKED BY	GLEN OLIN	OCT-04-2012			
C	STANDARDIZE CONNECTORS	SEP-15-2014	DNE	SCALE	NOT TO SCALE		P/N: TCB2963 (2800, 2955, 2962, AND OTHERS)		
B	CORRECTIONS FROM MFG	NOV-16-2012	GDO	<div></div> <div>TANIS AIRCRAFT PRODUCTS GLENWOOD MUNICIPAL AIRPORT GLENWOOD, MN 56334 USA +1.952.224.4425</div>			SPEC: 90000		
A	INITIAL RELEASE	OCT-04-2012	DNE				SUPERSEDES: N/A		
REV	CHANGE	DATE	INIT				DRAWING: 02963		SHEET: 1 OF 2

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BATTERY STATION

(REF FLAGS
NOTES SHEET 1)



DETAIL - SHORE POWER PLUG

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. D

DATE: MAY-26-2021

WIRE DIAGRAM

DRAWING: 02963

SHEET: 2 OF 2