

NOTES

- 1 CABLE KIT USED WITH 115 AND 230-VOLT KITS (18 GAUGE M27500 P/N: 22759-182). INSTALL W/ REFERENCE TO PREHEAT KIT INSTRUCTION: TNF3123 AND INSTALLATION GUIDE TNG1000.
- A. POWER LEAD AND GROUND PINOUT DEPICTED IN SHORE POWER PLUG CONFIGURATION SHEET 2, REFERENCE NOTES IN PARENTHESES ().
- B. TERMINATE ARROWED WIRES AS INDICATED, REFER TO TN02793 AND TN03012 FOR TERMINATION PROCEDURES.
- C. WIRES MAY BE CUT AND RE-TERMINATED OR LENGTHENED, CIRCUITS MAY BE RECONFIGURED WHEN REQUIRED.
- D. CIRCUIT PROTECTION DEVICE (CPD) NOT TO EXCEED 12 AMPS.
- E. CIRCUIT LOAD NOT TO EXCEED 80% OF CPD AMPERAGE RATING.
- F. PLUG NOT TO EXCEED 15-AMP.
- G. WIRING IN PARALLEL - ANY LEAD CAN BE ROUTED TO ANY ELEMENT. ALL LEADS SUPPLY THE SAME VOLTAGE.

NOTE: INDICATOR LIGHT IS WITHOUT POLARITY, NON-POLARIZED, AND CAN BE CONNECTED IN ANY DIRECTION.
NEC/NEMA COLOR CODE

AS22759/187 WIRE SPEC - PTFE BLACK WIRE INSULATOR MAY APPEAR GRAY IN COLOR.

- 2 PARTS SUPPLIED THROUGH NEXT HIGHER ASSEMBLY (NHA) PREHEAT KIT TOP-LEVEL DRAWING (PLUGS, LIGHTS, ELEMENTS, ETC).
- 3 PARTS SUPPLIED IN BULK.
- 4 PARTS SUPPLIED PARTIALLY ASSEMBLED.
- 5 AV/CABIN HEATER THERMOSTAT ADJUSTABLE (AMBIENT AIR SENSOR CIRCUIT CLOSED BELOW SET-POINT OPEN ABOVE) LOCATE AWAY FROM HEATER OUTFLOW INSTALLATION IAW INSTRUCTION: TN03235.
- 6 BATTERY HEATER THERMAL CONTROL IS NOT ADJUSTABLE. LOCATE IN BATTERY COMPARTMENT (AMBIENT AIR SENSOR, CIRCUIT CLOSED BELOW +5°C OPEN ABOVE) INSTALLATION IAW INSTRUCTION: TN03046.
- 7 SOCKET SEALING CAP P/N: DT04-2P-C017 USED ON HARNESS SIDE SOCKET CONNECTORS DURING MAINTENANCE OR SEASONAL BATTERY ELEMENT AND/OR AV/CABIN HEATER REMOVAL.
- 8 THE CORRESPONDING RECEPTACLE PLUG ADAPTOR (OUTLET) IS SUPPLIED WITH 230 VOLT KIT THROUGH NHA AND WIRED ON EXTENSION CORDS PROVIDED BY THE OPERATOR REFER TO INSTRUCTION: TN02829.
- 9 BEFORE CONNECTING TO POWER COMPLETE THE FUNCTIONAL SYSTEM CHECK WITH OHMMETER, REFER TO KIT SPECIFIC INSTRUCTION AND/OR TNG1000.

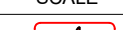
C CHANGE FROM PREVIOUS REVISION "B"

C	13	1	LABEL PACK	1 BAG	LABELS PER DRAWING	TANIS - USE AS REQUIRED
C	12	REF	0462-201-16141	6	SOCKET CONTACT - SOLID CRIMP TYPE	TE - SPARES USE AS REQUIRED
C	11	REF	0462-202-16141	6	PIN CONTACT - SOLID CRIMP TYPE	TE - SPARES USE AS REQUIRED
3	BULK MATERIAL LIST					

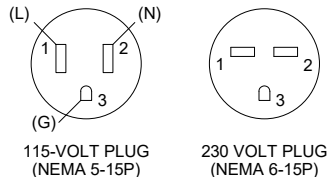
C	10	2	TC03246-A	1	THERMOSTAT CONTROL CABLE ASSEMBLY	TANIS - AV/CABIN
C	9	2	TL03217-C	1	THERMAL CONTROL CABLE ASSEMBLY	TANIS - BATTERY
	8	2	TCJ3106	1	JUNCTION KIT - 3 LEAD	TANIS - (SOCKET CONTACT 0462-201-16141)
	7	2	TCJ3012	1	JUNCTION KIT - 6 LEAD	TANIS - (SOCKET CONTACT 0462-201-16141)
C	6	2	22759-182	360	18 GAUGE - 2 CONDUCTOR	TANIS - WHT/BLK IN JACKET (LENGTH INCHES)
C	5	2	TCP2598	2	PIN CONNECTOR KIT - 2 CONTACT	TANIS - (PIN CONTACT 0460-202-16141)
C	4	2	TCS2598	9	SOCKET CONNECTOR KIT - 2 CONTACT	TANIS - (SOCKET CONTACT 0462-201-16141)
C	3	2	TL03013-B	2	CPD - DUAL FUSED LINK WITH SPARE LEAD	TANIS - INCLUDES 12AFUSES. ALT: DUAL FUSE KIT P/N: TU03141
C	2	2	MS25036-103	2	RING TERMINAL - GROUND	MS - #10 RING - CRIMP TERMINAL
C	1	2	22759-181	36	18 GAUGE - 1 CONDUCTOR	TANIS - GREEN (LENGTH INCHES)
	ITEM	SHT	PART NUMBER	QTY	DESCRIPTION	MATERIAL / SPECIFICATIONS
4	MATERIAL LIST					

(.vc6 TC format H)

CURRENT REV APPROVAL:

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C	UPDATED FORMAT, ADDED BULK MATERIAL LIST, TL3013-B, TC03246-A, TL03217-C. CHANGED QUANTITY OF 2279-182, 2279-181, TCP2598, TCS2598, MS25036-103. REMOVED NHL BOM CALLOUTS, TLP3046-05, 03105-B, AND DT04-2P-C017	NOV-07-2023	MFHB	SCALE	CHECKED BY	DIRK ELLIS	MAR-31-2016	CABLE KIT	
					NOT TO SCALE		P/N: TCF3122 (3123)		
B	ECR 2017-0001	JAN-10-2017	GDO	 <div>TANIS AIRCRAFT PRODUCTS GLENWOOD MUNICIPAL AIRPORT GLENWOOD, MN 56334 USA +1.952.224.4425</div>	SPEC: 90000				
A	INITIAL RELEASE	MAR-31-2016	GDO		SUPERSEDES: N/A				
REV.	CHANGE	DATE	INIT		DRAWING: 03122 SHEET: 1 OF 2				

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



TITLE:	CABLE KIT
	WIRE DIAGRAM

DRAWING: 03122

SHEET: 2 OF 2