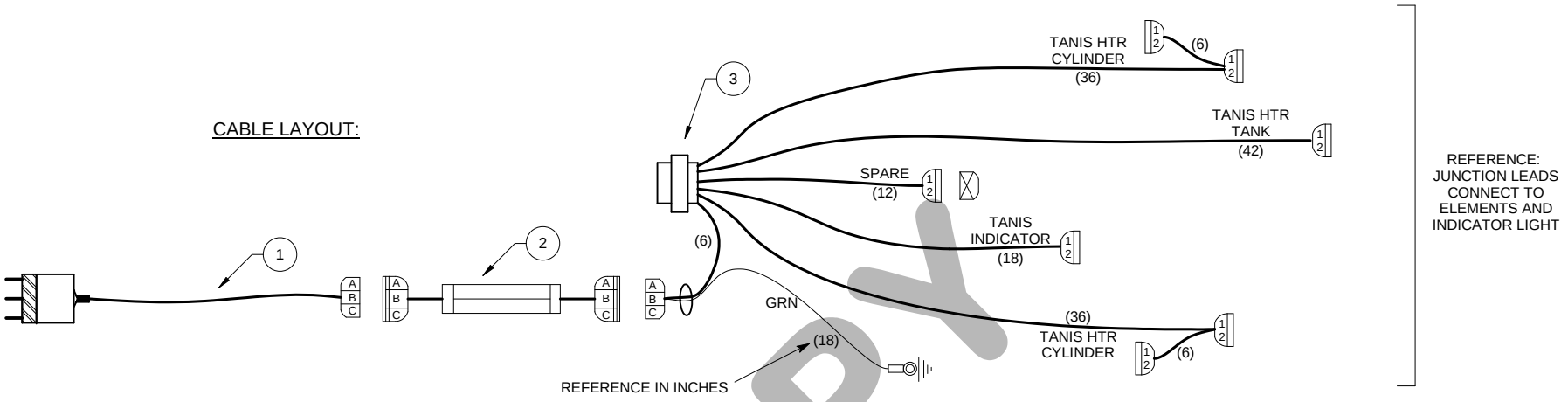
CABLE LAYOUT:



COPY

DOCUMENT CONTENTS:

CABLE LAYOUT	SHEET 1
MATERIAL REFERENCE	SHEET 1
WIRE DIAGRAM	SHEET 2
LEGEND	SHEET 2

NOTE: MATERIAL LIST SHOWN FOR REFERENCE SEE ITEM LIST DRAWING 02884 FOR COMPLETE LISTING.

ITEM	SHT	PART NUMBER	QTY	DESCRIPTION	SPECIFICATIONS
7		TE02771-115(230)/50	4	THREADED HEAT ELEMENT, CYLINDER ASSEMBLY	115V/265 OHMS (230V/1058 OHMS)
6		TE02653-115(230)/40	1	PAD HEAT ELEMENT, OIL TANK	115V/331 OHMS, (230V/1323 OHMS)
5		TL01026-06-115 (230)	1	INDICATOR LIGHT 115 VOLT (230 VOLT)	(NON FILIMENT TEST WITH POWER)
4		DT06-2S-C017	1	SEALING CAP FOR SPARE LEAD	
3		TJ02885-01	1	5 LEAD CABLE JUNCTION	
2		TL02752-2	1	3 WIRE FUSED LINK (MDA12 FUSE)	
1		TP02758-18M-115 (TP02759-18M-230)	1	CABLED POWER PLUG (TP02759-18-230, 230 VOLT SYSTEMS)	

MATERIAL LIST

				APPROVAL	Bob Krueger	
				DRAFTSMAN	DIRK ELLIS	FEB-25-2012
				CHECKED BY	GLEN OLIN	FEB-25-2012
				SCALE	NOT TO SCALE	
A	CESSNA FITTING MODIFICATIONS	FEB-25-2012	DNE			
-	INITIAL RELEASE	NOV-10-2011	GDO			
No	Change	Date	Init			

TANIS AIRCRAFT PRODUCTS
MUNICIPAL AIRPORT
GLENWOOD, MN 56334 USA
+1.952.224-4425

Title

WIRE DIAGRAM
(4 CYLINDER)

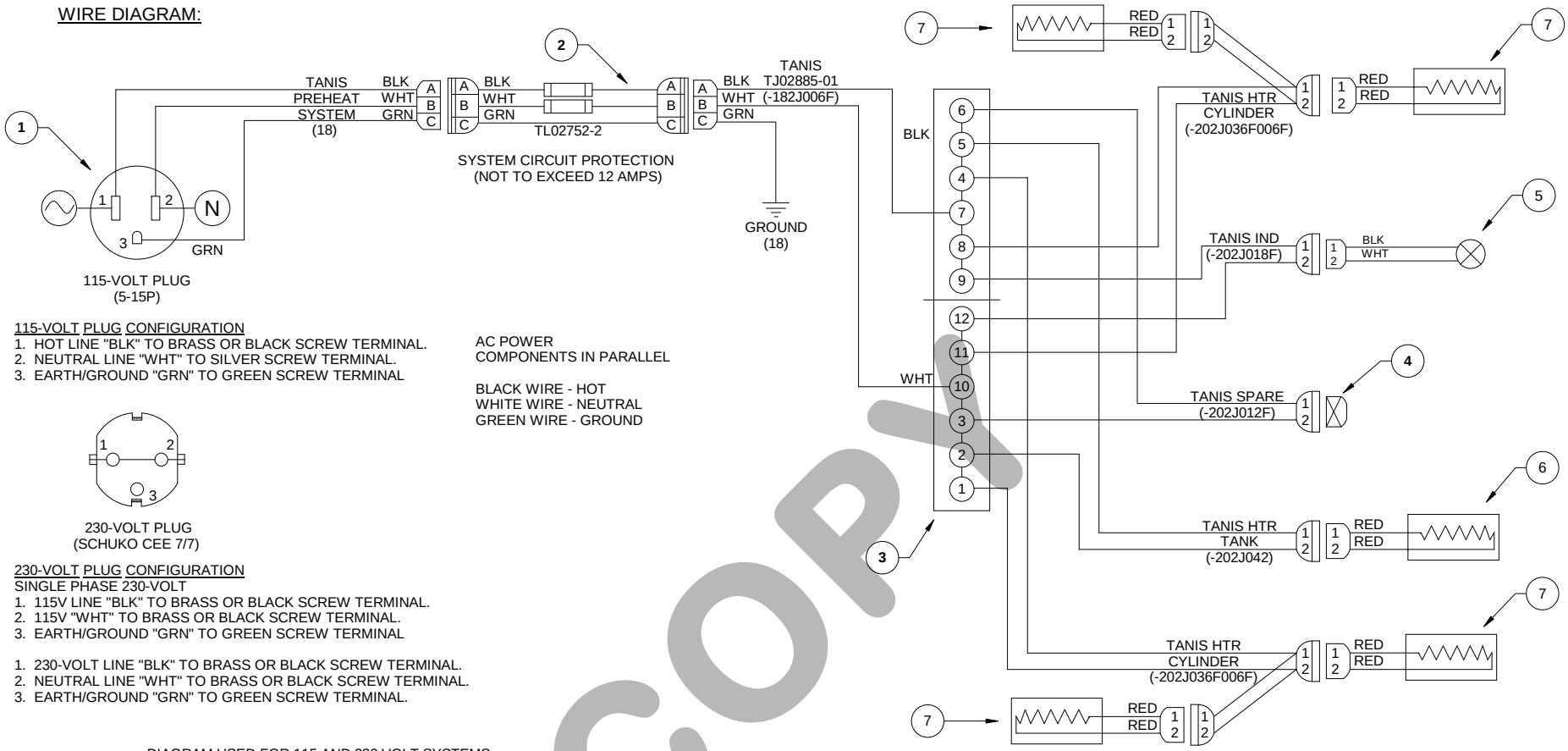
Spec: 9000

Supersedes: N/A

Drawing: 02885 Sheet: 1 OF 2

THE INFORMATION CONTAINED IN THIS DOCUMENT AND ALL OTHER ASSOCIATED DOCUMENTS IS PROPRIETARY TO TANIS AIRCRAFT PRODUCTS AND WILL NOT BE REPRODUCED DISCLOSED IN WHOLE OR IN PART OR USED FOR ANY DESIGN OR MANUFACTURE EXCEPT WITH DIRECT WRITTEN AUTHORIZATION FROM TANIS AIRCRAFT PRODUCTS.

WIRE DIAGRAM:



115-VOLT PLUG CONFIGURATION

1. HOT LINE "BLK" TO BRASS OR BLACK SCREW TERMINAL.
2. NEUTRAL LINE "WHT" TO SILVER SCREW TERMINAL.
3. EARTH/GROUND "GRN" TO GREEN SCREW TERMINAL

AC POWER
COMPONENTS IN PARALLEL

BLACK WIRE - HOT
WHITE WIRE - NEUTRAL
GREEN WIRE - GROUND

230-VOLT PLUG
(SCHUKO CEE 7/7)

230-VOLT PLUG CONFIGURATION

SINGLE PHASE 230-VOLT

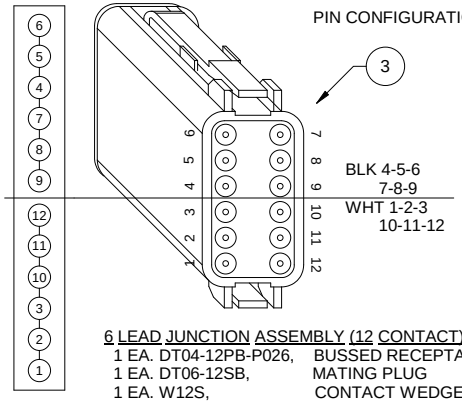
1. 115V LINE "BLK" TO BRASS OR BLACK SCREW TERMINAL.
2. 115V "WHT" TO BRASS OR BLACK SCREW TERMINAL.
3. EARTH/GROUND "GRN" TO GREEN SCREW TERMINAL

1. 230-VOLT LINE "BLK" TO BRASS OR BLACK SCREW TERMINAL.
2. NEUTRAL LINE "WHT" TO BRASS OR BLACK SCREW TERMINAL.
3. EARTH/GROUND "GRN" TO GREEN SCREW TERMINAL.

COPY

DIAGRAM USED FOR 115 AND 230 VOLT SYSTEMS.
DESIGNED FOR OPERATION AT PLUS OR MINUS 10% OF SYSTEM VOLTAGE REQUIREMENT.
CIRCUIT PROTECTION NOT TO EXCEED 13 AMPS.
VOLTAGE REQUIREMENT CALLED OUT BY SYSTEM PART NUMBER.

LEGEND:



6 LEAD JUNCTION ASSEMBLY (12 CONTACT):

1 EA. DT04-12PB-P026,	BUSSED RECEPTACLE
1 EA. DT06-12SB,	MATING PLUG
1 EA. W12S,	CONTACT WEDGE
12 EA. 0462-201-16141,	SOLID SOCKET CONTACT

FIELD INSTALL 2 CONTACT CONNECTOR ASSEMBLY

TX02598 FIELD RECEPTACLE:

1 EA. DT04-2P-E004,	RCPT BODY
1 EA. W2P,	WEDGE
2 EA. 0460-202-16141,	PIN CONTACT

TY02598 FIELD PLUG:

1 EA. DT06-2S-E004,	PLUG BODY
1 EA. W2S,	WEDGE
2 EA. 0462-201-16141,	SOCKET CONTACT



FIELD INSTALL 3 CONTACT CONNECTOR ASSEMBLY

TX02603 FIELD RECEPTACLE:

1 EA. DT04-3P-E004,	RCPT BODY
1 EA. W3P,	WEDGE
3 EA. 0460-202-16141,	PIN CONTACT

TY02603 FIELD PLUG:

1 EA. DT06-3S-E004,	PLUG BODY
1 EA. W3S,	WEDGE
3 EA. 0462-201-16141,	SOCKET CONTACT



CONNECTOR SEALING CAPS AVAILABLE

DT04-2P-C017 SEALING CAP FOR PLUG

DT04-2S-C017 SEALING CAP FOR RECEPTACLE

DT04-3P-C017 SEALING CAP FOR PLUG

DT04-3S-C017 SEALING CAP FOR RECEPTACLE

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Title
WIRE DIAGRAM
(4 CYLINDER)

Rev: A

Date: FEB-24-2012

Drawing: 02885

Sheet: 2 OF 2