



COMPONENT IDENTIFICATION TABLE

COMPONENT	DESCRIPTION	PROVIDED BY	INSTALLED BY
CTRL	WIRED CONTROLLER	DAKTRONICS	CUSTOMER
RAD1	SERVER RADIO	DAKTRONICS	CUSTOMER
RAD2	CLIENT RADIO, INCLUDES 25FT CABLE	DAKTRONICS	CUSTOMER
DRIVER	FUELIGHT DRIVER	DAKTRONICS	FACTORY
MD	MAIN DISCONNECT	CUSTOMER	CUSTOMER
JBX1 (0P-1611-0507)	JBOX, SURGE CARD/DIRECT ACCESS PORT	DAKTRONICS	CUSTOMER
PS	POWER SUPPLY, WALL PACK, 12VDC	DAKTRONICS	CUSTOMER
ANT1	HIGH GAIN ANTENNA	DAKTRONICS	CUSTOMER
ANT2	900MHZ ANTENNA	DAKTRONICS	CUSTOMER

COMPONENT IDENTIFICATION TABLE

COMPONENT	DESCRIPTION	PROVIDED BY	INSTALLED BY
A	CABLE; RS232 DB9 MALE TO RJ45, 6FT	DAKTRONICS	CUSTOMER
B	ANTENNA EXTENSION CABLE, 50FT	DAKTRONICS	CUSTOMER
C	POWER FEEDER SEE NOTE "1"	DAKTRONICS	CUSTOMER
D	6 POS QUICK CONNECT PANEL MOUNT TO 6 POS MINI MNL, 8FT	DAKTRONICS	CUSTOMER
E	CABLE, ANTENNA, RP-SMA FEM BULKHEAD TO RP-SMA MAL, 10FT	CUSTOMER	CUSTOMER
F	CABLE; LINE TO LINE; 4 POS MINI MNL, 15FT	DAKTRONICS	CUSTOMER
G	CABLE, RJ45 TO 6 POS QUICK CONNECT, STRAIN RELIEF, 25FT (FROM RADIO)	DAKTRONICS	CUSTOMER
H	6 POS QUICK CONNECT CABLE TO WHIP, 50FT (OPTIONAL)	DAKTRONICS	CUSTOMER
J	CABLE; RS232 DB9 MALE TO DB9 FEMALE, 10FT	DAKTRONICS	CUSTOMER

NOTES

- POWER FEEDER SIZED AS NEEDED, BY CUSTOMER. ALL WIRING TO MEET OR EXCEED LOCAL AND NATIONAL ELECTRICAL CODES.
- COMMUNICATION CABLE IN CONDUIT WHERE REQUIRED.
- 2 KNOCKOUTS PROVIDED FOR 3/4" CONDUIT FITTING ON REAR OF DISPLAY FOR POWER AND SIGNAL ENTRANCE.
- INSTALL QUICK CONNECTS IN THE SIGN STRUCTURE NO MORE THAN 8 FEET FROM THE DISPLAY DRIVER. DRILL A 7/8" HOLE TO PASS CONNECTORS THROUGH. USE INCLUDED BUSHINGS WHERE APPLICABLE.
- INSTALL JBX2 AT BASE OF SIGN STRUCTURE. RUN PROVIDED CABLING FROM THE J-BOX TO THE SIGN STRUCTURE. THE USE OF 3/4" CONDUIT IS OPTIONAL. SEE JBX WIRING TABLES FOR WIRE TERMINATIONS. OUTDOOR JBXC MUST BE CONNECTED TO THE INCOMING DISPLAY SAFETY GROUND WIRE USING INCLUDED GROUNDING WIRE.
- USE INCLUDED WIRED CONTROLLER FOR OUTDOOR DIRECT WIRED COMMUNICATION.
- JBX2 CONNECTION IS NOT TO BE USED WITH A LAPTOP.
- REFER TO MANUAL FOR LINE-TO-LINE WIRING BETWEEN DISPLAYS.
- MAX DISTANCE BETWEEN SERVER RADIO AND ANY CLIENT RADIO IS DEPENDANT ON THE ENVIRONMENT IN WHICH THE RADIOS ARE INSTALLED. LINE OF SIGHT IS NOT REQUIRED BUT OBSTACLES IN THE SIGHT LINES WILL AFFECT THE RANGE BETWEEN THE SERVER AND CLIENT RADIOS
- RADIO MOUNTED INSIDE SIGN. DRILL 1/4" HOLE TO MOUNT ANTENNA

	THE CONCEPTS EXPRESSED AND DETAILS SHOWN ON THIS DRAWING ARE CONFIDENTIAL AND PROPRIETARY. DO NOT REPRODUCE BY ANY MEANS WITHOUT THE EXPRESS WRITTEN CONSENT OF DAKTRONICS, INC. OR ITS WHOLLY OWNED SUBSIDIARIES. COPYRIGHT 2016 DAKTRONICS, INC. (USA)		
	PROJECT: GEN III FUELIGHT		
TITLE: RISER DIAGRAM; POS, 900MHZ RADIO			
DATE: 22 MAR 16	DIM UNITS: INCHES [MILLIMETERS]	SHEET	REV
SCALE: NONE	DO NOT SCALE DRAWING		00
DESIGN: JLAIRD	JOB NO. P1611	FUNC - TYPE - SIZE F - 01 - B	3317413
DRAWN: JLAIRD			