

**BUILDING POWER ONE-LINE DIAGRAM**

NOT TO SCALE

WARNING**Arc Flash and Shock Hazard****Appropriate PPE Required**

1227 mm	Flash Hazard Boundary
6.0 cal/cm ²	Flash Hazard at 457 mm
Category 2	Arc-rated FR Shirt & Pants
480 VAC	Shock Hazard when cover is removed
00	Glove Class
1067 mm	Limited Approach
305 mm	Restricted Approach
25 mm	Prohibited Approach

Location: BUS-FIRE**WARNING****Arc Flash and Shock Hazard****Appropriate PPE Required**

218 mm	Flash Hazard Boundary
0.35 cal/cm ²	Flash Hazard at 457 mm
Category 0	Nonmelting, Flammable Materials with Weight >= 4.5 oz/sq yd
480 VAC	Shock Hazard when cover is removed
00	Glove Class
1067 mm	Limited Approach
305 mm	Restricted Approach
25 mm	Prohibited Approach

Location: BUS-MAIN**WARNING****Arc Flash and Shock Hazard****Appropriate PPE Required**

209 mm	Flash Hazard Boundary
0.33 cal/cm ²	Flash Hazard at 457 mm
Category 0	Nonmelting, Flammable Materials with Weight >= 4.5 oz/sq yd
480 VAC	Shock Hazard when cover is removed
00	Glove Class
1067 mm	Limited Approach
305 mm	Restricted Approach
25 mm	Prohibited Approach

Location: BUS-SLH**WARNING****Arc Flash and Shock Hazard****Appropriate PPE Required**

209 mm	Flash Hazard Boundary
0.33 cal/cm ²	Flash Hazard at 457 mm
Category 0	Nonmelting, Flammable Materials with Weight >= 4.5 oz/sq yd
480 VAC	Shock Hazard when cover is removed
00	Glove Class
1067 mm	Limited Approach
305 mm	Restricted Approach
25 mm	Prohibited Approach

Location: BUS-SMH**WARNING****Arc Flash and Shock Hazard****Appropriate PPE Required**

59 mm	Flash Hazard Boundary
0.04 cal/cm ²	Flash Hazard at 457 mm
Category 0	Nonmelting, Flammable Materials with Weight >= 4.5 oz/sq yd
208 VAC	Shock Hazard when cover is removed
00	Glove Class
1067 mm	Limited Approach
Avoid Contact	Restricted Approach
Avoid Contact	Prohibited Approach

Location: BUS-SRL**WARNING****Arc Flash and Shock Hazard****Appropriate PPE Required**

215 mm	Flash Hazard Boundary
0.35 cal/cm ²	Flash Hazard at 457 mm
Category 0	Nonmelting, Flammable Materials with Weight >= 4.5 oz/sq yd
480 VAC	Shock Hazard when cover is removed
00	Glove Class
1067 mm	Limited Approach
305 mm	Restricted Approach
25 mm	Prohibited Approach

Location: PNL-MDPUS ARMY CORPS OF ENGINEERS
ALASKA DISTRICT

CONTRACT NO. _____
CONTRACTOR _____
CITY _____
STATE _____
Recommended: _____
Approved: _____
Resident Engineer: _____
Date: _____

Sm Action _____
Description _____
Date Approved _____

U.S. ARMY ENGINEER DIRECTORATE ANCHORAGE, ALASKA
Design: TH
Drawn: _____
Reviewed: R. B. H. _____
Supervisor: G. C. E. _____
Section: _____
Per Scale: 1:12
D. F. _____
Ref. No.: FTW336A-106-E4-01
Sheet No.: F-211-13-01
Drawn on: FTW336A
INV. NO. W911KB-09-R-007
PN 65076
Date: 16 JULY 2009
Drawn Scale: AS NOTED

FT. WAINWRIGHT, ALASKA
AIRCRAFT PARTS STORAGE
ELECTRICAL PLANS
POWER SINGLE LINE DIAGRAM

Reference number:
E4.01
Sheet 106 of 118

NOT FOR CONSTRUCTION
BACKCHECK