Shore Power Receptacle

GFI Box

2 - #12 THHN BLACK
1 - #12 THHN WHITE
1 - #12 THHN GREEN

Green Ground

110VAC Coil

Automatic Transfer Switch

Genset				Shore Power				AC Panel			
H1	H2	N	G	H1	H2	N	G	H1	H2	N	G

Onan Genset

2 - #12 THHN BLACK
1 - #12 THHN WHITE
1 - #12 THHN GREEN

#14 WHITE

Heater Relay (NO)

#10 WHITE

#10 BLACK

Starter Kill Relay (NC)

#12 THHN WHITE
#12 THHN BLACK

#14/2 (12VDC)

To Espar Heater Harness

FUSE

Espar Fuel-Fired Heater

Heater Relay Interupts 12VDC feed to Inline fuse in heater compartment

#10/2 (12VDC)

From GM Starter Relay

Rear Canopy Push Button

Front Canopy Push Button

Starter Kill Relay and push buttons Interupt 12VDC feed from GM Starter Relay

Starter

2 - #12 THHN BLACK
1 - #12 THHN WHITE
1 - #12 THHN GREEN

Roof-top Air Conditioner

1 - #12 THHN BLACK
1 - #12 THHN WHITE
1 - #12 THHN GREEN

#14/2 (12VDC)

#18/8 (DC Control)

A/C Thermostat

12VDC Supply from Panelltronics

AC Breaker Panel

1 - Air Conditioner	2 - Talk-a-phone/Rear Clerk Receptacles
3 - Interior Lights	4 - Battery Conditioner
5 - Canopy Lights	6 - Front Clerk Receptacles

Curcuit #1

Curcuit #3 & #5

2 - #12 THHN RED
2 - #12 THHN WHITE
1 - #12 THHN GREEN

Light Switches

Curcuit #3

Curcuit #3

Curcuit #3

1 - #12 THHN RED
1 - #12 THHN WHITE
1 - #12 THHN GREEN

Curcuit #5

Front Canopy Light

Rear Canopy Light

Rear Clerk Light

Front Clerk Light

Mail Bag Light

Front Ceiling Light

Rear Ceiling Light

Talk-a-phone Receptacle

Rear Clerk Receptacles

Battery Conditioner Receptacle

Front Clerk Receptacles

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REVISIONS

ZONE	REV	DESCRIPTION	DATE	APPROVED

	NAME	DATE
DRAWN	D.MOOSE	5/31/2007
CHECKED		
ENG APPR.		
MFG APPR		
Q.A.		

COMMENTS

JOB # CI250

Clegg Industries

TITLE:

AC Wiring Schematic

SIZE B

E250-02-00

REV 0