

Starter Light Logic Inverter

Function: Resistor
Model: 10k Ohm / 1 Watt
Manufacturer: Various

Function: Transistor
Model: 1N2222
Manufacturer: Various

Emergency Bypass: - SL-30 NAV - SL-30 COM

Function: Toggle Switch
Model: S700-2-3
Manufacturer: B&C
Amps: 0
Weight: 1.3 oz
Location: Right Hand Console

Emergency Bypass: - EFIS1/AHRS1 - GPS

Function: Toggle Switch
Model: S700-2-3
Manufacturer: B&C
Amps: 0
Weight: 1.3 oz
Location: Right Hand Console

Emergency Bypass: - Intercom/Headsets - N/C

Function: Toggle Switch
Model: S700-2-3
Manufacturer: B&C
Amps: 0
Weight: 1.3 oz
Location: Right Hand Console

Emergency Bypass Circuits

Function: Engine Starter
Model: HITorque NLine
Manufacturer: Skytec
Amps: 185
Weight: 150 oz
Location: Engine

Power M J3

1 External Switch Input 1
2 External Switch Input 2
3 External Switch Input 3
4 External Switch Input 4
5 External Switch Input 5
6 External Switch Input 6
7 External Switch Input 7
8 Unused

Power M J6

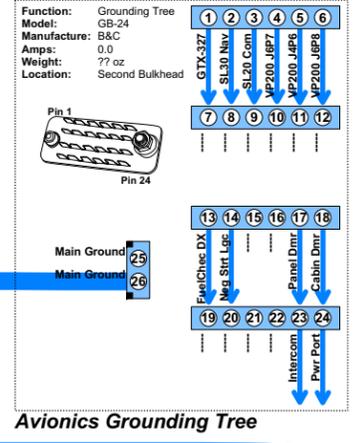
1 10A Out 5 - Strobes
2 10A Out 6 - Boost
3 10A Out 7 - SL-30 Nav
4 10A Out 8 - Boost
5 10A Out 1 - SoftSrt - NavLights
6 10A Out 2 - SoftSrt - Memwood
7 10A Out 3 - SoftSrt - Phosbut
8 10A Out 4 - SoftSrt - Phosbut
9 To Gnd Block
10 Unused

Power M J4

1 To Gnd Block
2 FuelChc - 3A Out 4
3 Unused
4 10A Out 1 - Autopilot
5 10A Out 2 - Landing
6 10A Out 3 - Taxi

Power M J5

1 Unused
2 Unused
3 5A Out 15 (Backup A) - EFIS1/AHRS1
4 5A Out 8 (Backup B) - GPS
5 Battery Contc. - Bat Cont
6 X-Trc Circuit/SD-8



Secondary Alternator System

Function: Secondary Voltage Regulator
Model: LR3C-14
Manufacturer: B&C
Amps: 0.0
Weight: 9 oz
Location: Firewall

Function: Primary Battery
Model: RG-25XC
Manufacturer: Concord
Amps: 0
Weight: 367 oz
Location: Rear Fuselage

Pilot's Right Hand Console

Function: Power Port
Model: SA-9901
Manufacturer: Steinair
Amps: 0
Weight: 77 oz
Location: Right Hand Console

20A Circuit Breaker

Function: Circuit Breaker
Model: CB-2
Manufacturer: B&C
Amps: 0.0
Weight: 1 oz
Location: Rear Fuselage

Primary Alternator

Function: Primary Alternator
Model: AL12-E160/B
Manufacturer: Plane Power
Amps: 0.0
Weight: 111 oz
Location: Engine Boss Mount

60 ANL Current Limiter

Function: Current Limiter
Model: C905-60
Manufacturer: B&C
Amps: 0.0
Weight: 1 oz
Location: Firewall

GPU Input Circuit

Function: GPU Contactor
Model: OVM-14
Manufacturer: B&C
Amps: 1
Weight: 13oz
Location: Rear Fuselage

Function: Diode
Model: SB560-E351
Manufacturer: Vertical Power

Function: Over Voltage Module
Model: OVM-14
Manufacturer: B&C
Amps: 0.0
Weight: 1 oz
Location: Engine

GPU Plug

Function: Resistor
Model: 1000 Ohm / 1 Watt
Manufacturer: Various

Function: Ground Power Plug
Model: 4821B
Manufacturer: Aircraft Spruce
Amps: 0
Weight: 14.3 oz
Location: Rear Baggage Area

- 7.0 pt = 2 AWG
- 6.5 pt = 4 AWG
- 6.0 pt = 8 AWG
- 5.5 pt = 10 AWG
- 5.0 pt = 12 AWG
- 4.5 pt = 14 AWG
- 4.0 pt = 16 AWG
- 3.5 pt = 18 AWG
- 3.0 pt = 20 AWG
- 2.5 pt = 22 AWG
- 2.0 pt = 24 AWG
- 1.5 pt = 26 AWG

RV-8
N998RV / Serial #82880
Matt Dralle
Version 1.1 / January 30 2009
Backbone Wiring