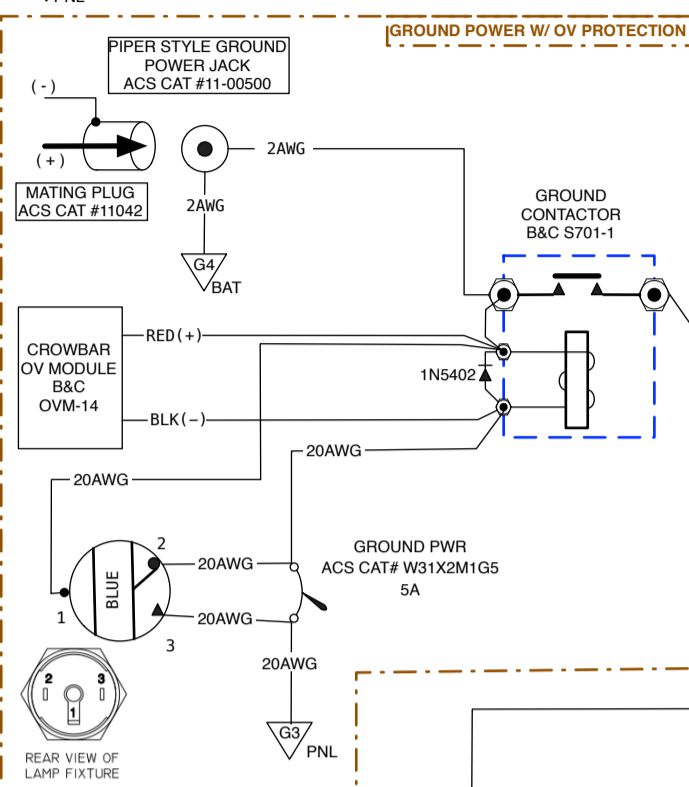
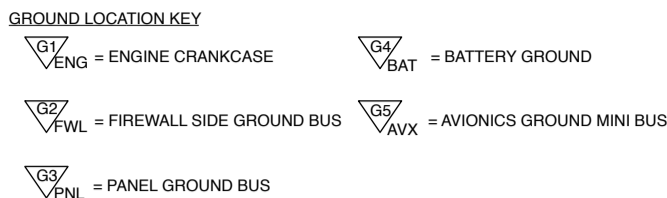
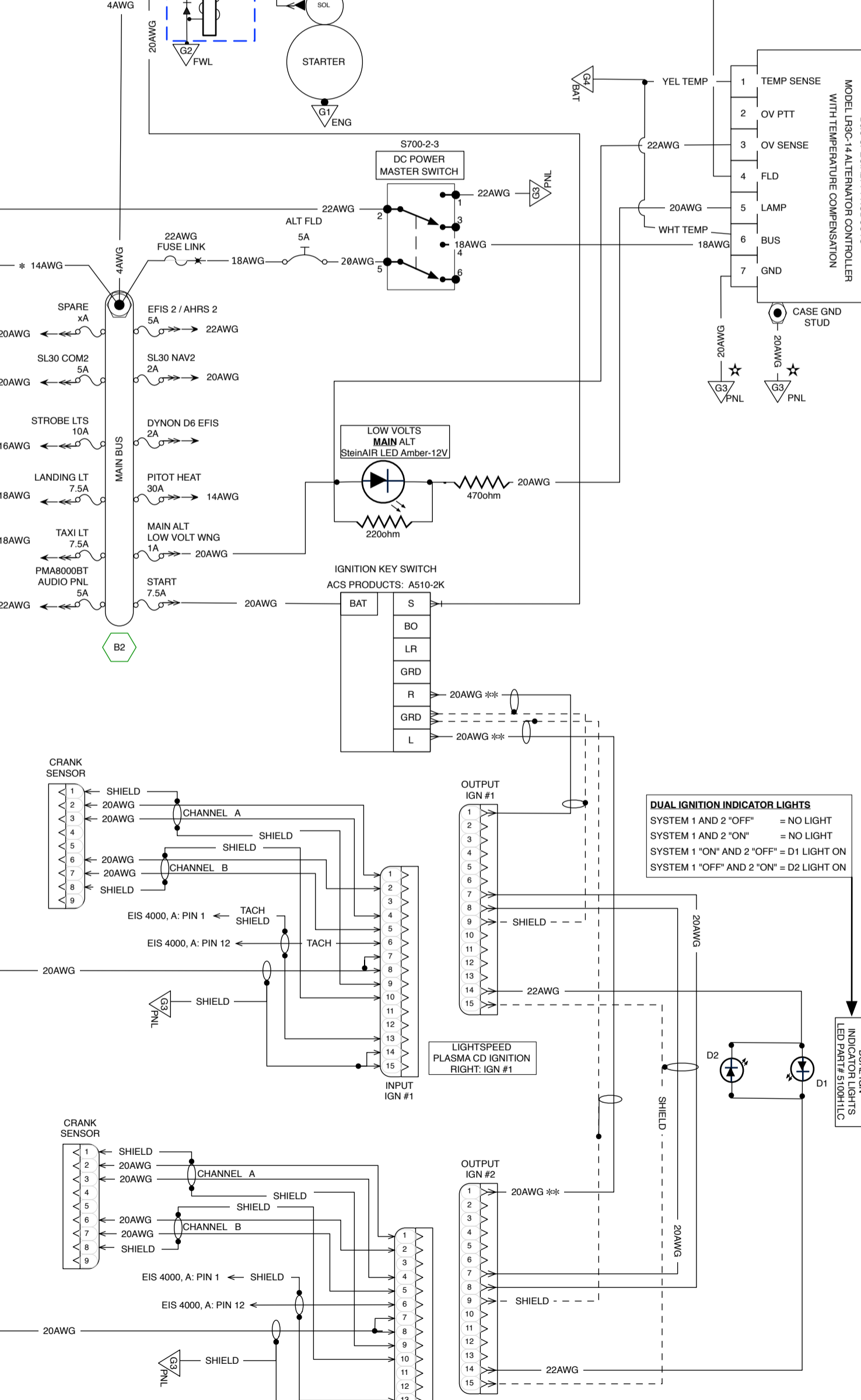
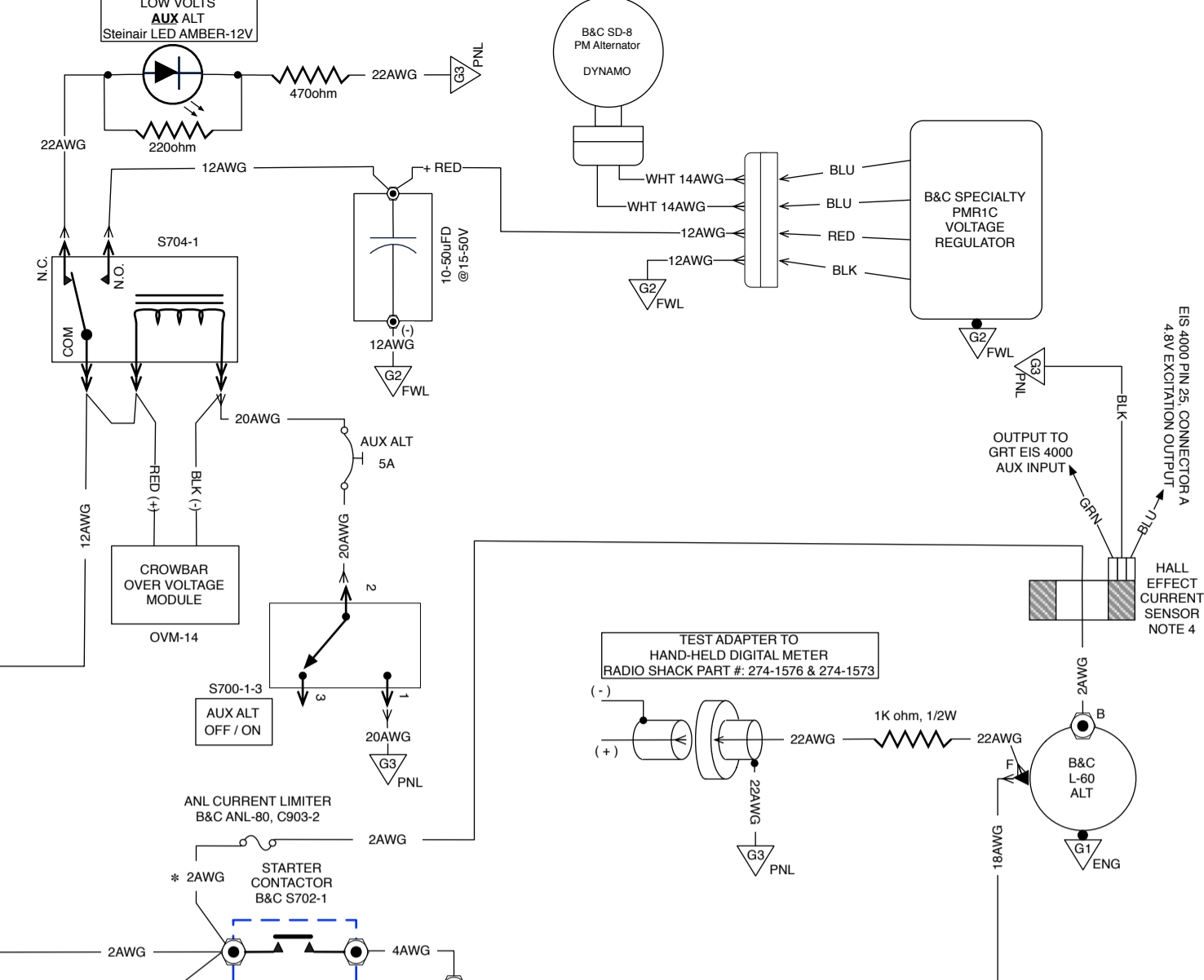
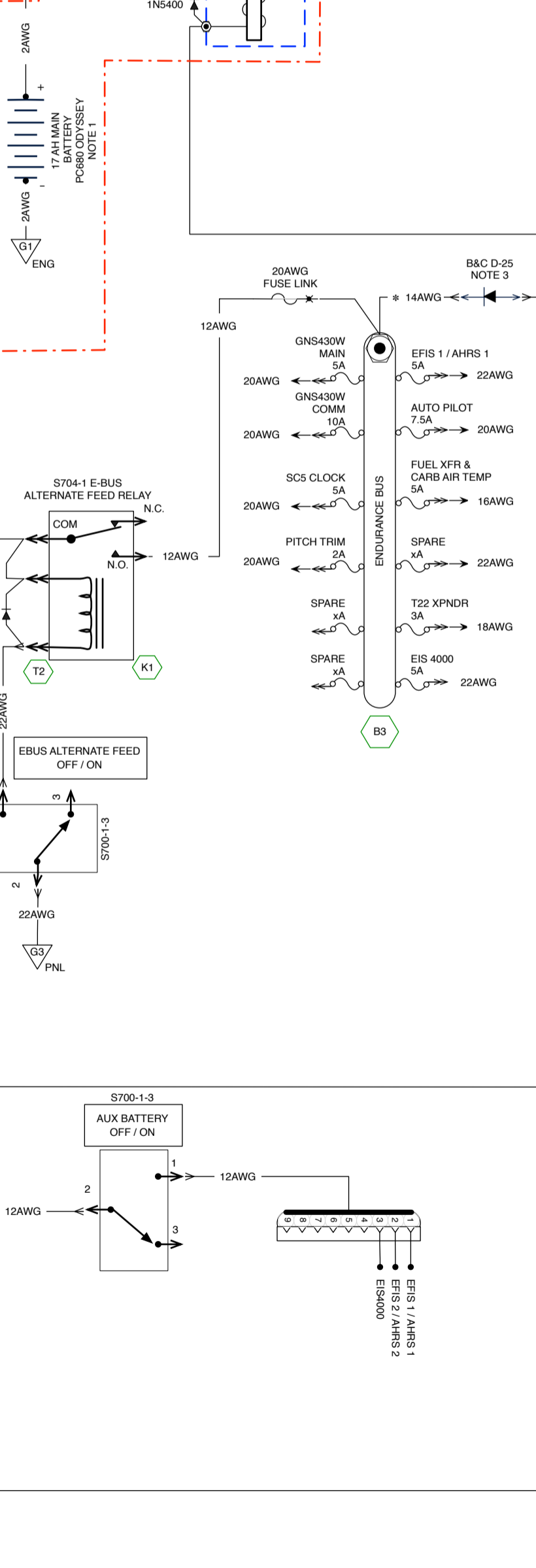
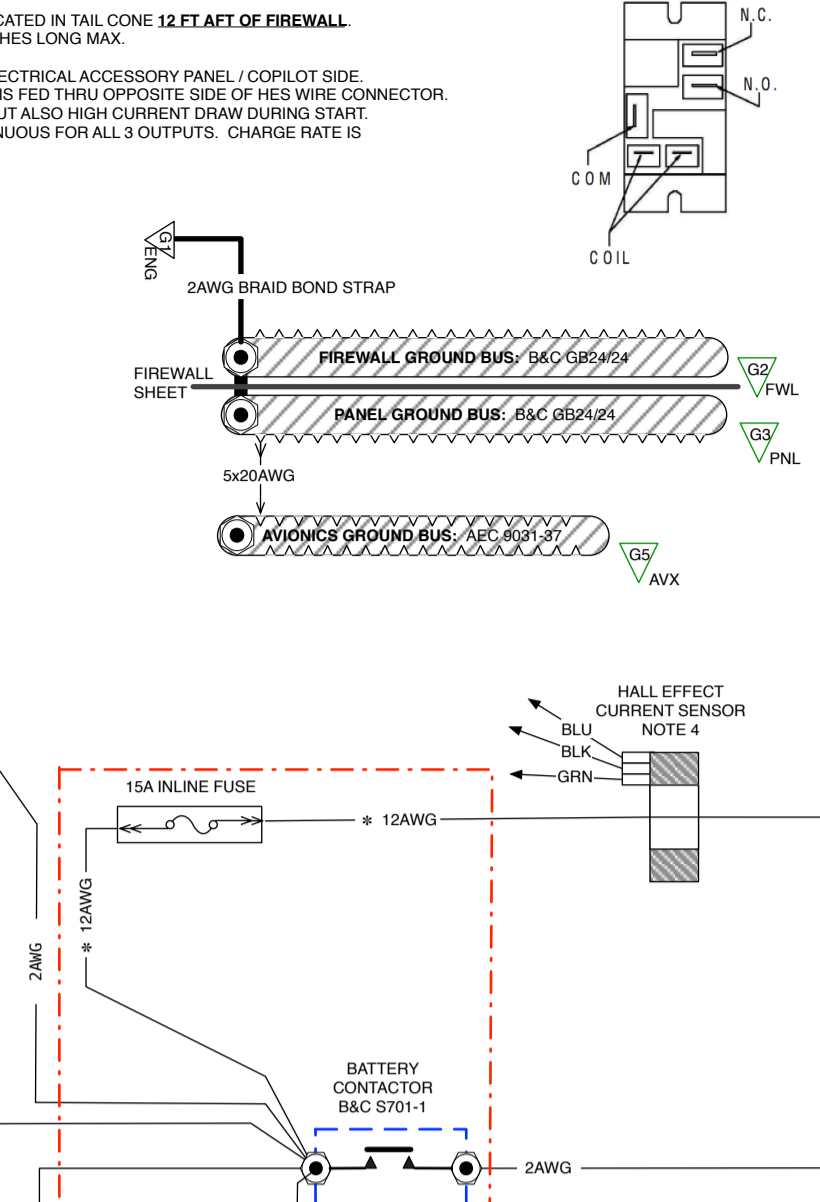
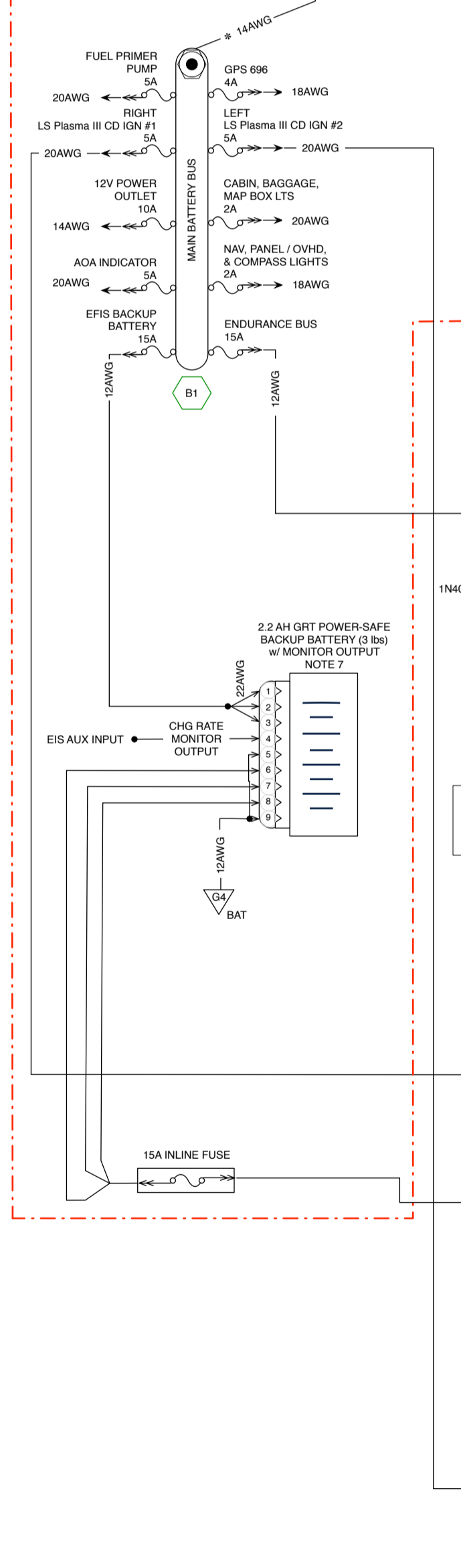


- NOTES:
- 1) USING P080 ODYSSEY 17AH BATTERY. DUE TO W&B NEEDS THE BATTERIES ARE LOCATED IN TAIL CONE 12 FT AFT OF FIREWALL.
  - 2) WIRES MARKED (\*\*) TO BE AS SHORT AS PRACTICAL. 6-INCHES LONG IS IDEAL. 12-INCHES LONG MAX.
  - 3) WIRES MARKED (\*\*\*) USE 20AWG STRANDED SINGLE CONDUCTOR SHIELDED.
  - 4) B&G SPECIALTY ENDURANCE BUS DIODE PART # D-25. MOUNTED ONTO ALUMINUM ELECTRICAL ACCESSORY PANEL / COPILOT SIDE.
  - 5) USING GRT HALL EFFECT CURRENT SENSORS. WIRE IN WHICH CURRENT IS SENSED IS FED THRU OPPOSITE SIDE OF HES WIRE CONNECTOR.
  - 6) STARTER IS A PMG TYPE SKYTEC FLYWEIGHT PART # 149-12LS, WITH HIGH TORQUE BUT ALSO HIGH CURRENT DRAW DURING START.
  - 7) GRAND RAPIDS TECHNOLOGIES BACKUP BATTERY (2.2 AH). POWER OUT IS 7A CONTINUOUS FOR ALL 3 OUTPUTS. CHARGE RATE IS MONITORED VIA PIN 4 AND EIS 4000 AUXILIARY INPUT.



EQUIPMENT WITHIN THIS BOX IS MOUNTED IN TAIL CONE AFT W BATTERIES



VERSION 0.2\_15 MAR 2011

ALL ELECTRIC GLASTAR AIRCRAFT w/ AUX BATTERY INTENDED TO SUPPORT SINGLE EFIS AND ENGINE INFORMATION SYSTEM (EIS) ON DURING ENGINE START

REFERENCE: AERO ELECTRIC CONNECTION ARCHITECTURES

1. Z13B, Rev 11/01 (All Electric Airplane on a Budget)
2. Z35 Non Cranking (small) Aux Battery and Bus
3. "Low Cost Ground Power Jack for your Airplane, B. Knuckolls article, Rev C, 7/21/05