

**N877RV System Overview**

For upgrading to 406 later

Pitot

Static

ADS-B, SXM, GPS, AHRS Bluetooth

Connnext RS-232

GPS RS-232

Alt Encoder

Altitude

GTX 320 Transponder

Code

uAvionix tailBeacon

iPad

ADAHRS, EIS Flight Plan Bluetooth

GDU 460 PFD

Backup RS-232

Connnext RS-232

GPS Ant

GSU 25 ADAHRS

Pitot

Static

GMC 507 A/P Controller

GSA 28 Roll Servo

GSA 28 Pitch Servo

Canbus

G5 Standby PFD

Read Only

MapMX RS-232

GAD 29 Data Concentrator

Air Data A429

Nav A429

GPS 175 Navigator

GPS Ant

GMU 11 Magnometer

GTR 20 Communicator

Com Ant

GEA 24 Engine Analyzer

Engine Sensors

Backup Info Analog

GAD 27 Elec System Controller

Lycoming

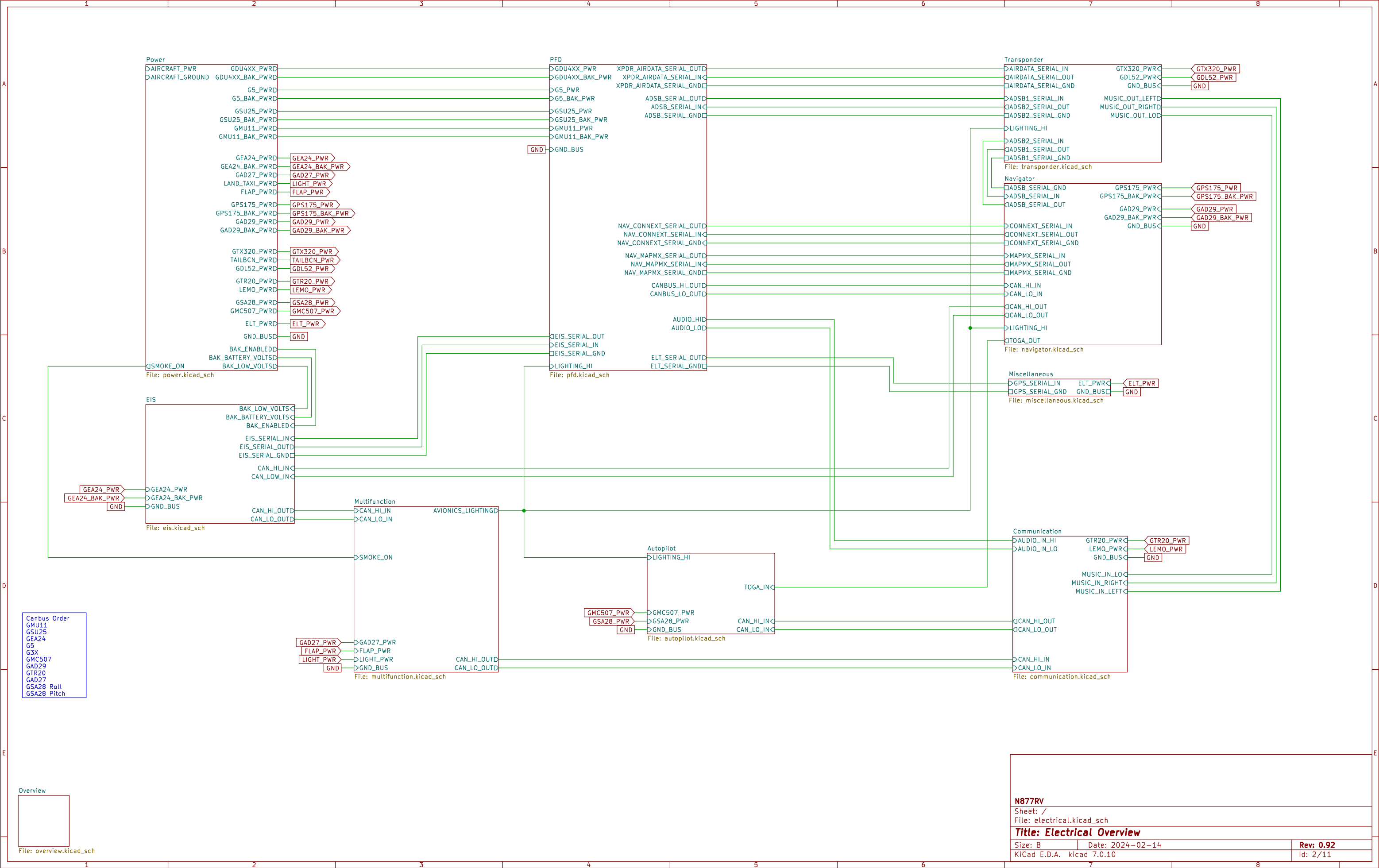
IBBS Standby Power

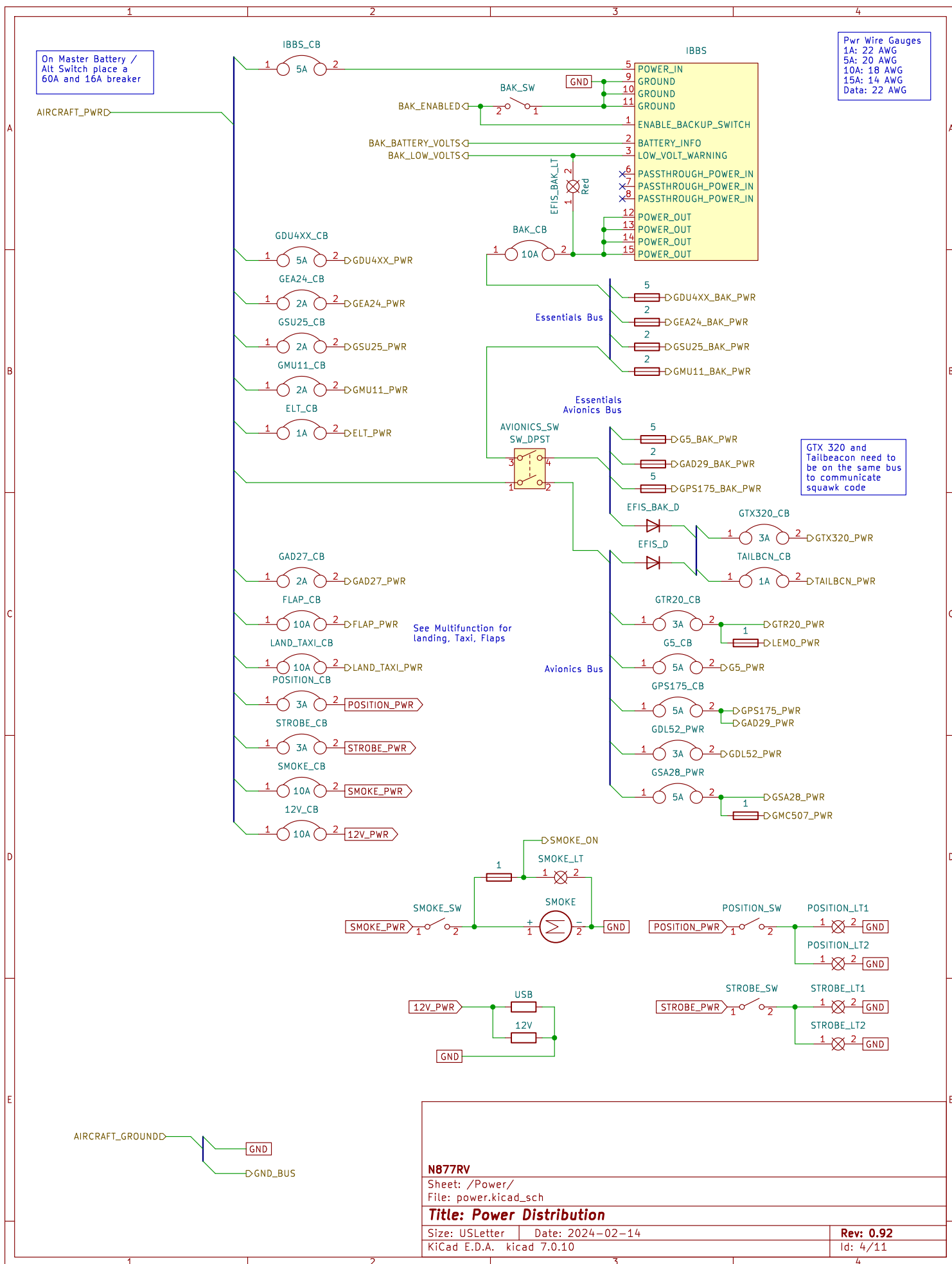
\* Recommend just connect to GDU 460 which can relay flight plan to GPS 175

Yellow LRU's supplied with backup power from the IBBS

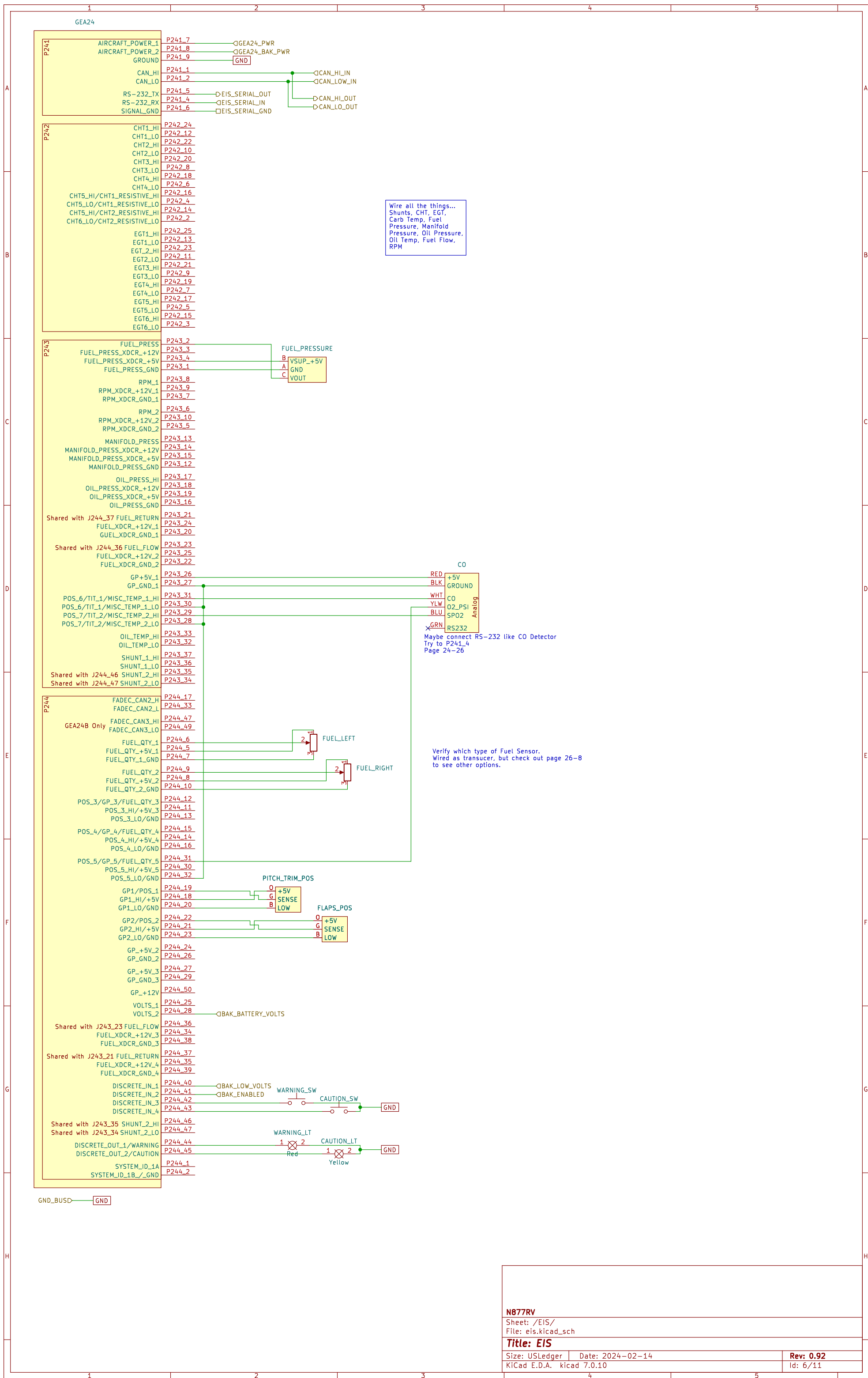
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KiCad E.D.A. kicad 7.0.10		Id: 1/11

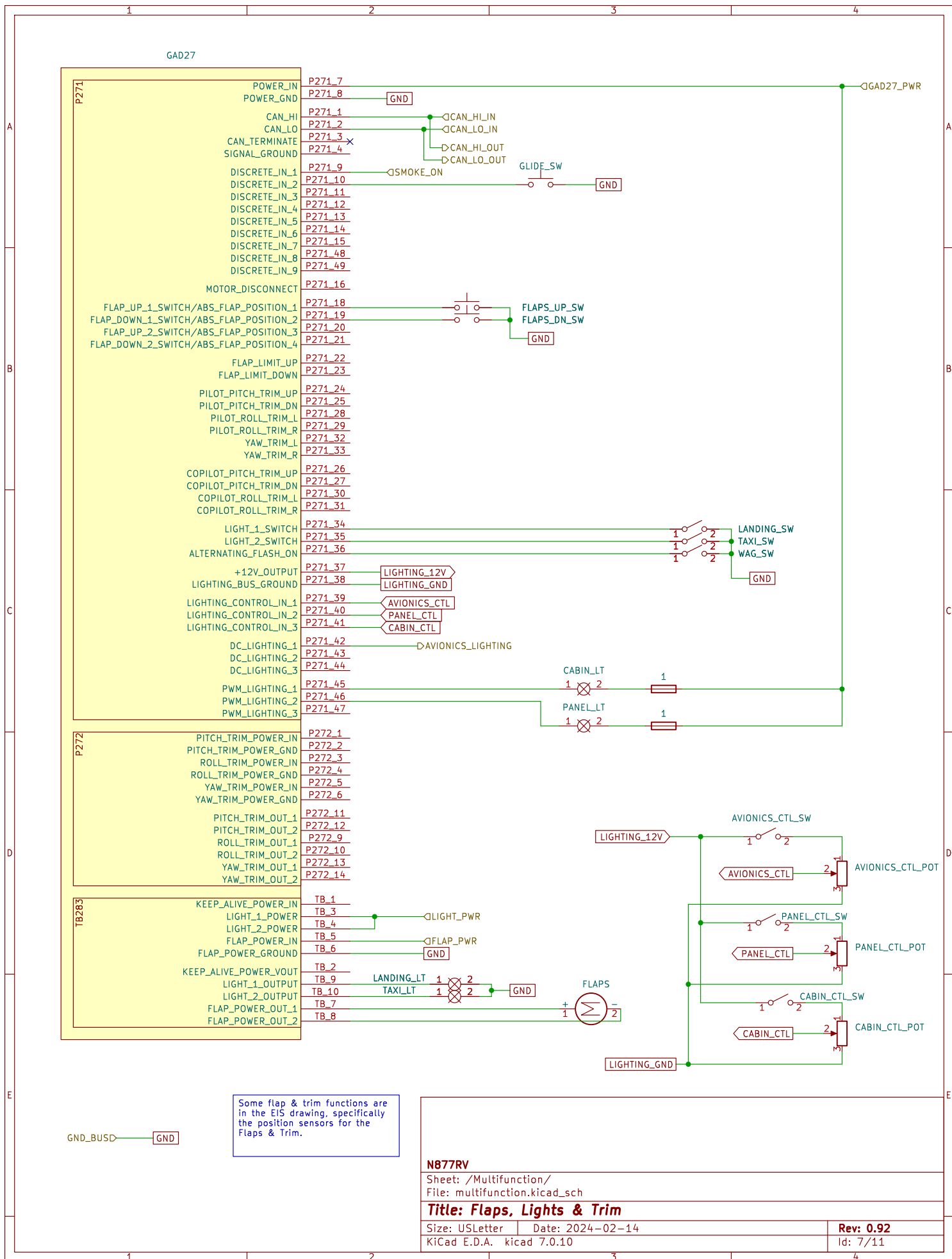
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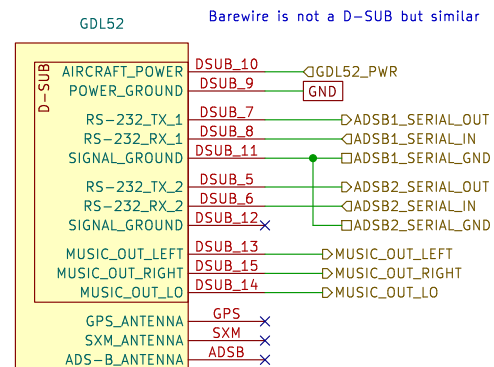
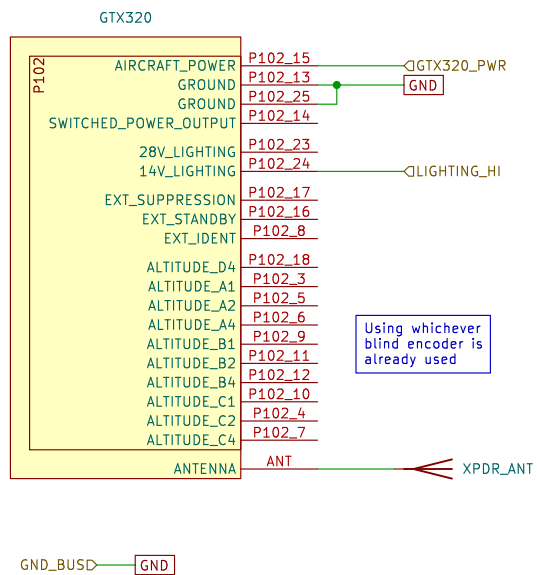












To GDU450  
Connxt Fmt 1  
Page 24-35

To GPS 175  
GTN  
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N877RV

Sheet: /Transponder/  
File: transponder.kicad\_sch

Title: Transponder

Size: USLetter Date: 2024-02-14  
KiCad E.D.A. kicad 7.0.10

Rev: 0.92  
Id: 9/11



