

N877RV System Overview

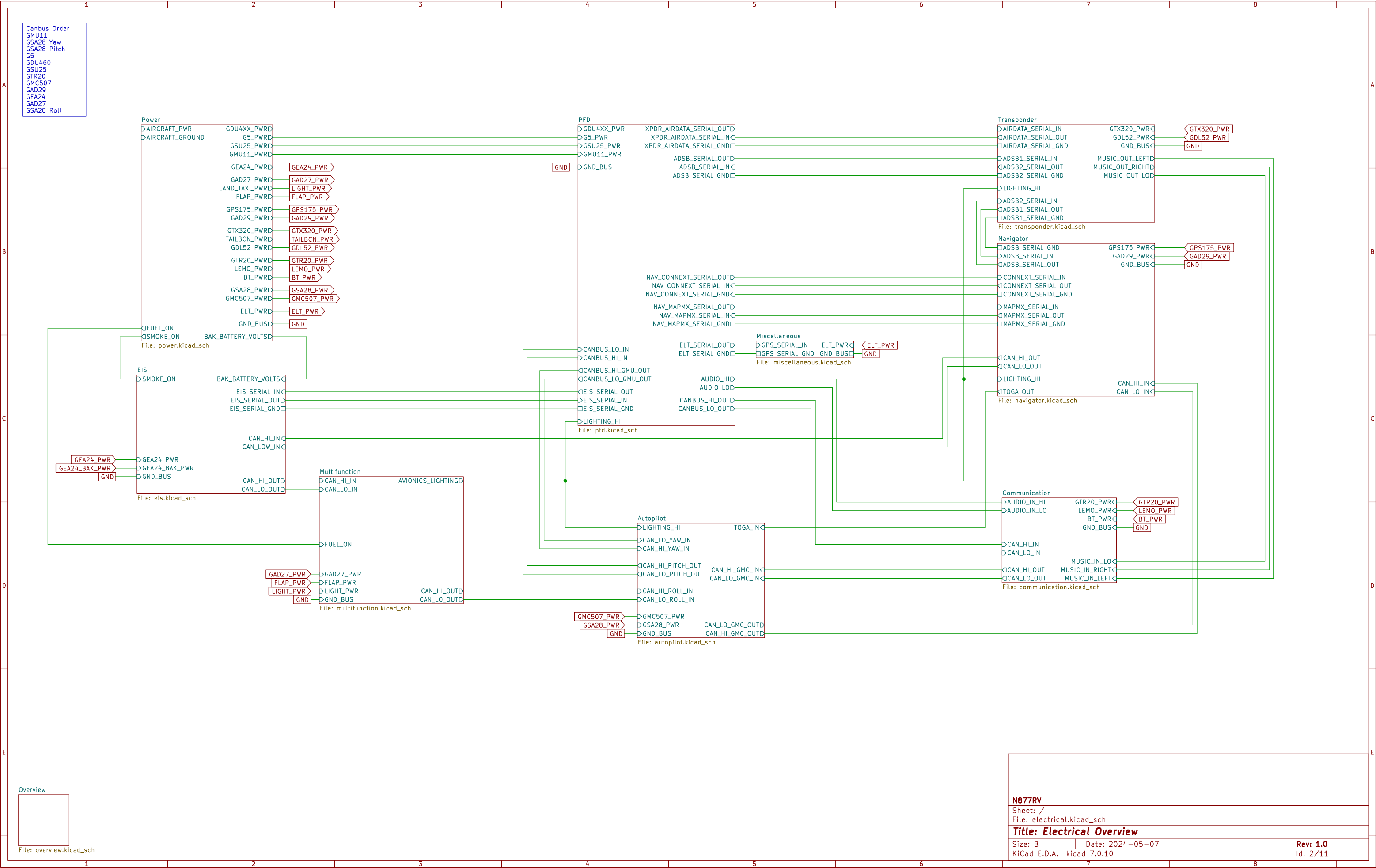
The diagram illustrates the avionics architecture for N877RV. Key components and their connections include:

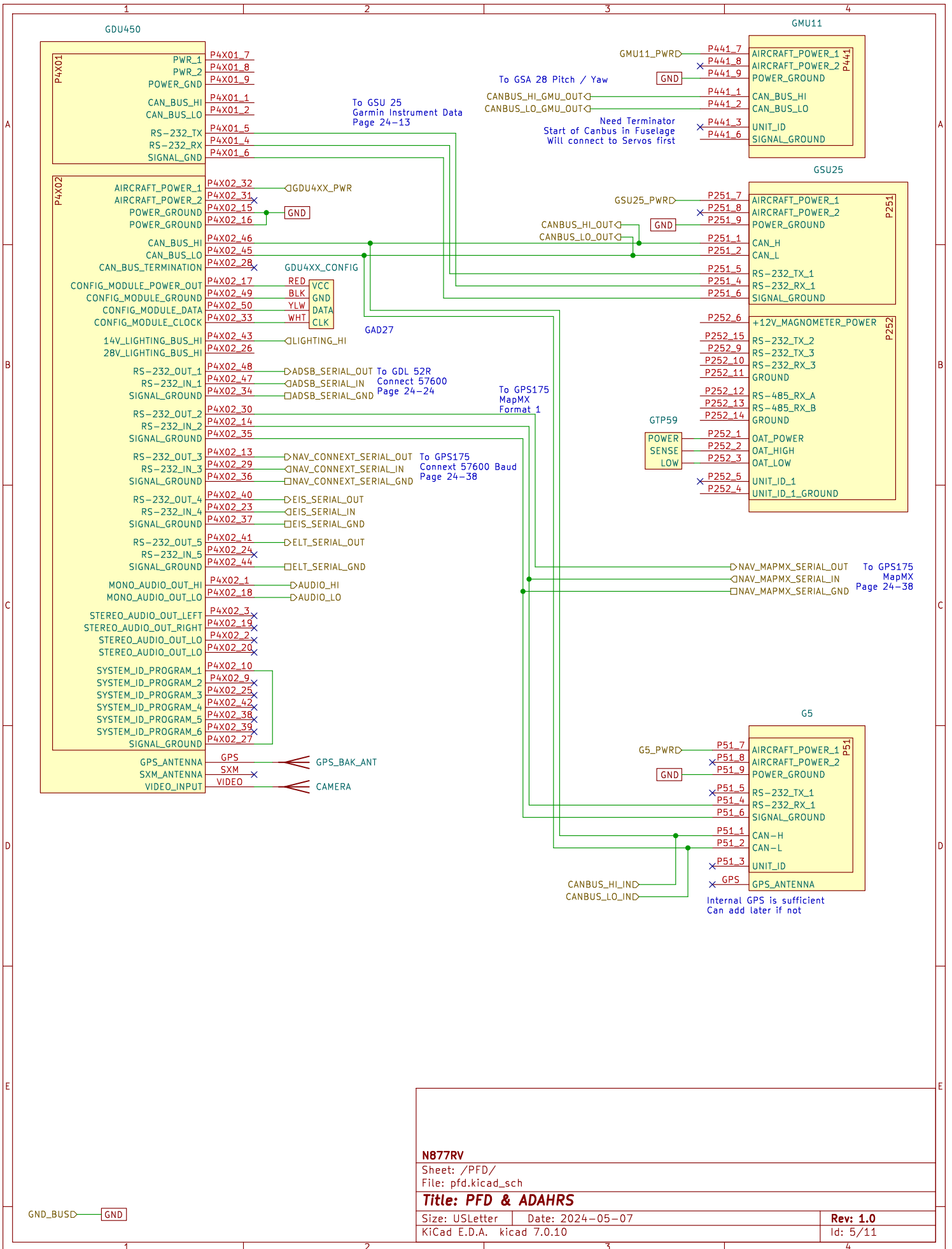
- Central Canbus:** A backbone connecting the GPS 175 Navigator, GMU 11 Magnometer, GTR 20 Communicator, GEA 24 Engine Analyzer, and GAD 27 Elec System Controller.
- Navigation & Positioning:** GPS 175 Navigator (receiving GPS Ant, MapMX RS-232, and Air Data A429), GDL 52 Datalink (receiving GPS RS-232), and GDU 460 PFD (receiving ADAHRS, EIS Flight Plan Bluetooth, and Backup RS-232).
- Display & Input:** iPad / Aera (receiving ADS-B, SXM, GPS, AHRS Bluetooth), G5 Standby PFD (receiving Read Only), and GDU 460 PFD (receiving Connex RS-232).
- Engine & Systems:** GEA 24 Engine Analyzer (receiving Engine Sensors from Lycoming O-360), GAD 27 Elec System Controller, and GTR 20 Communicator (receiving Com Ant).
- Other Components:** GTX 320 Transponder (receiving Altitude from Alt Encoder), GSA 28 Roll/Pitch Servos, GMC 507 A/P Controller, and GAD 29 Data Concentrator.

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

N877RV	
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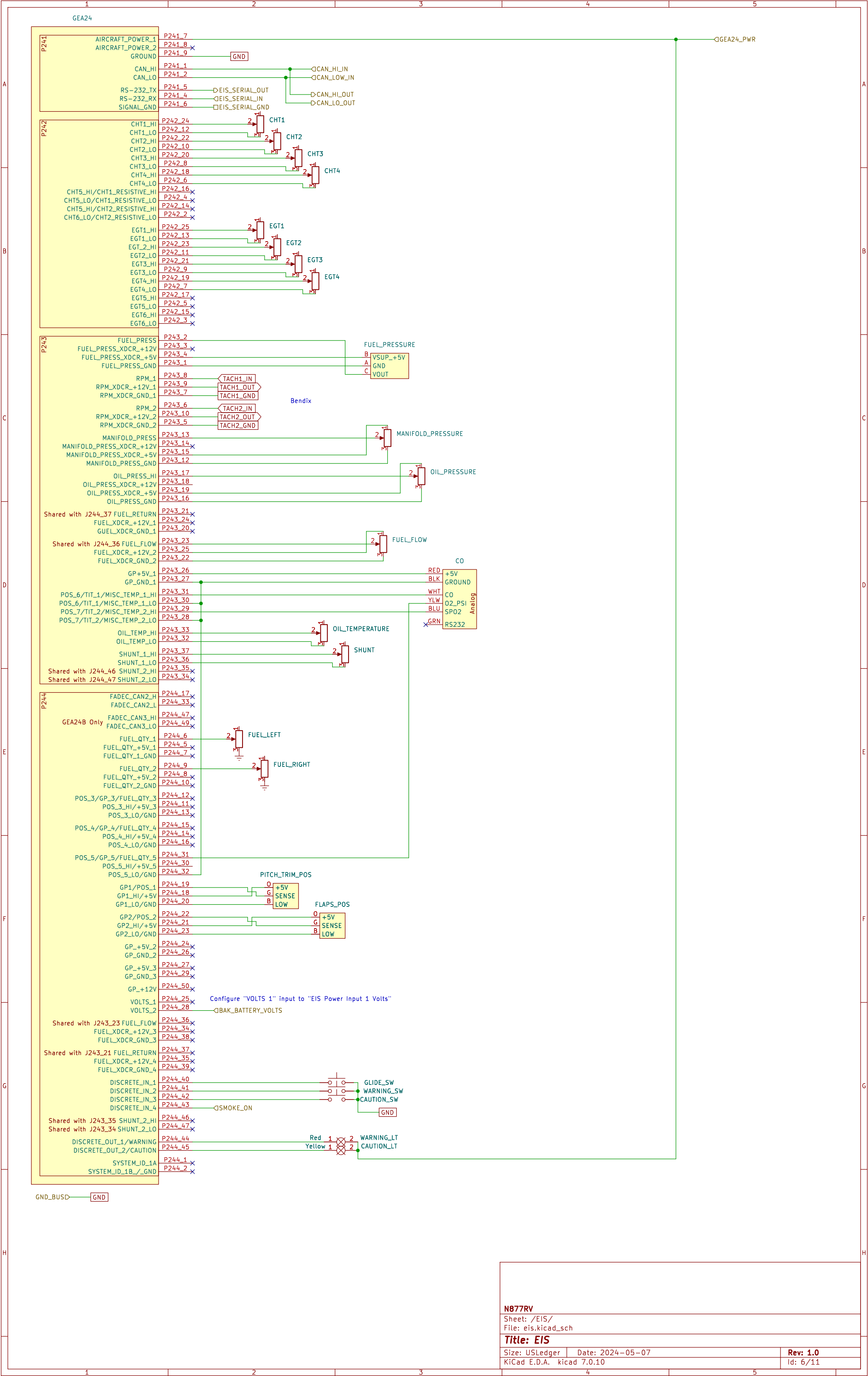
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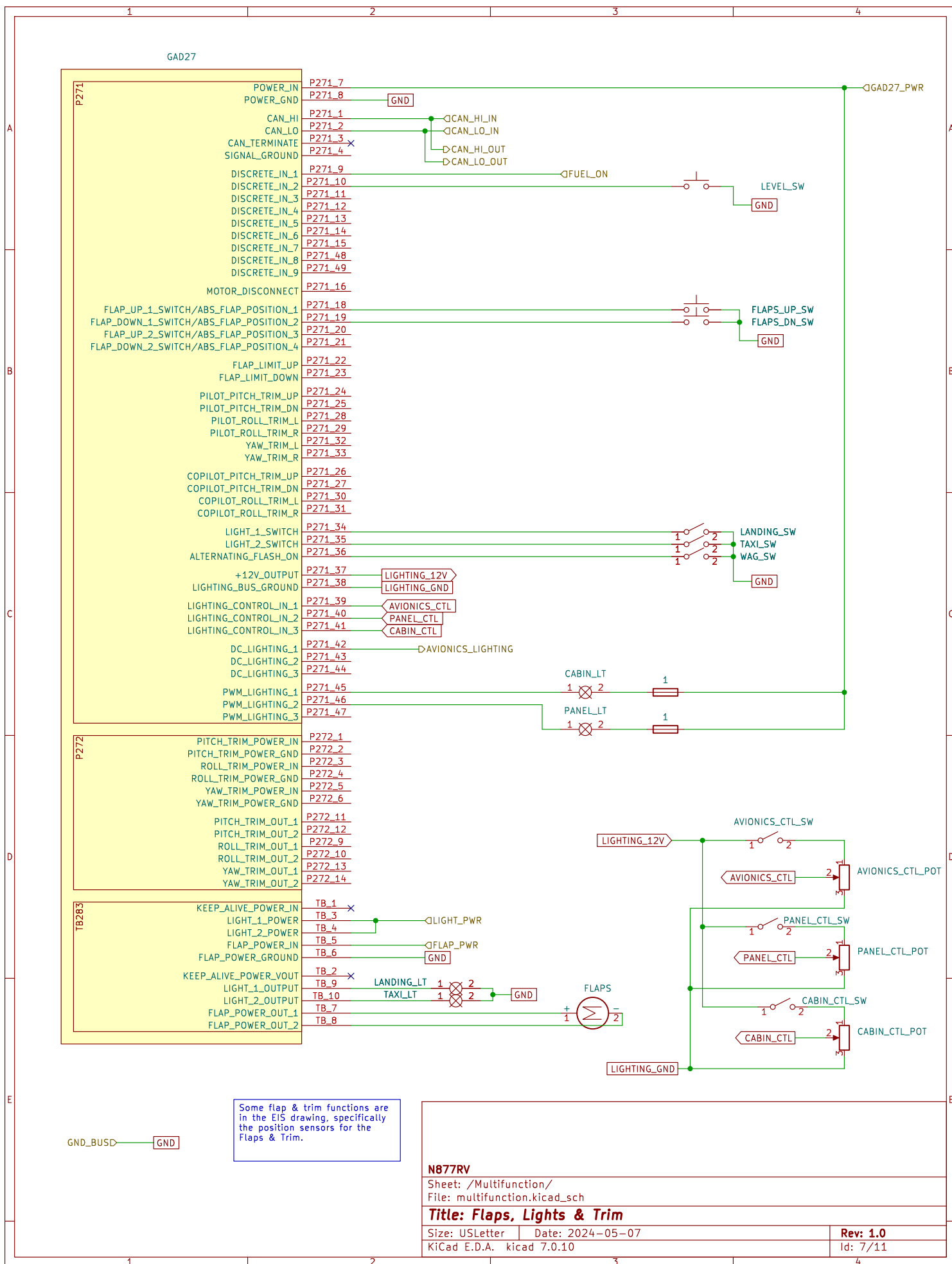
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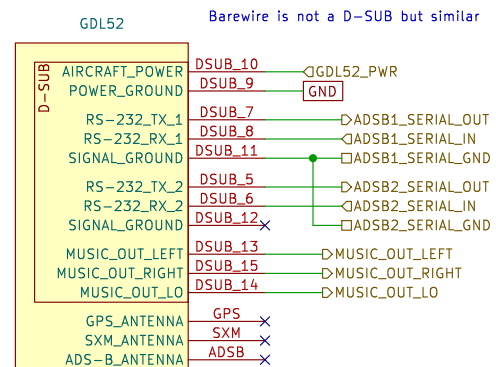
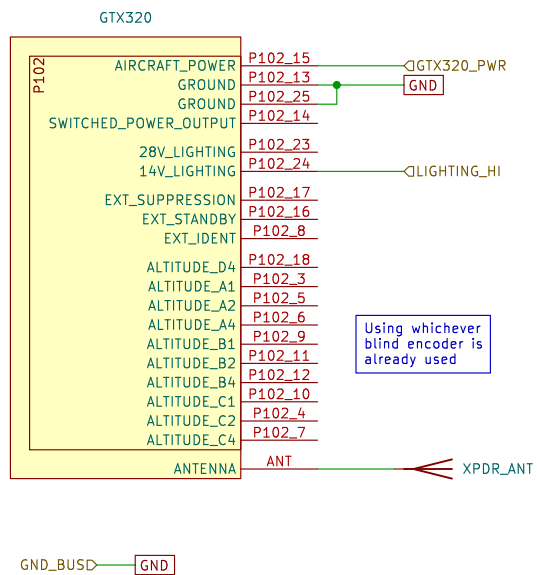
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To GDU450
Connxt Fmt 1
Page 24-35

To GPS 175
GTN
Page 24-35

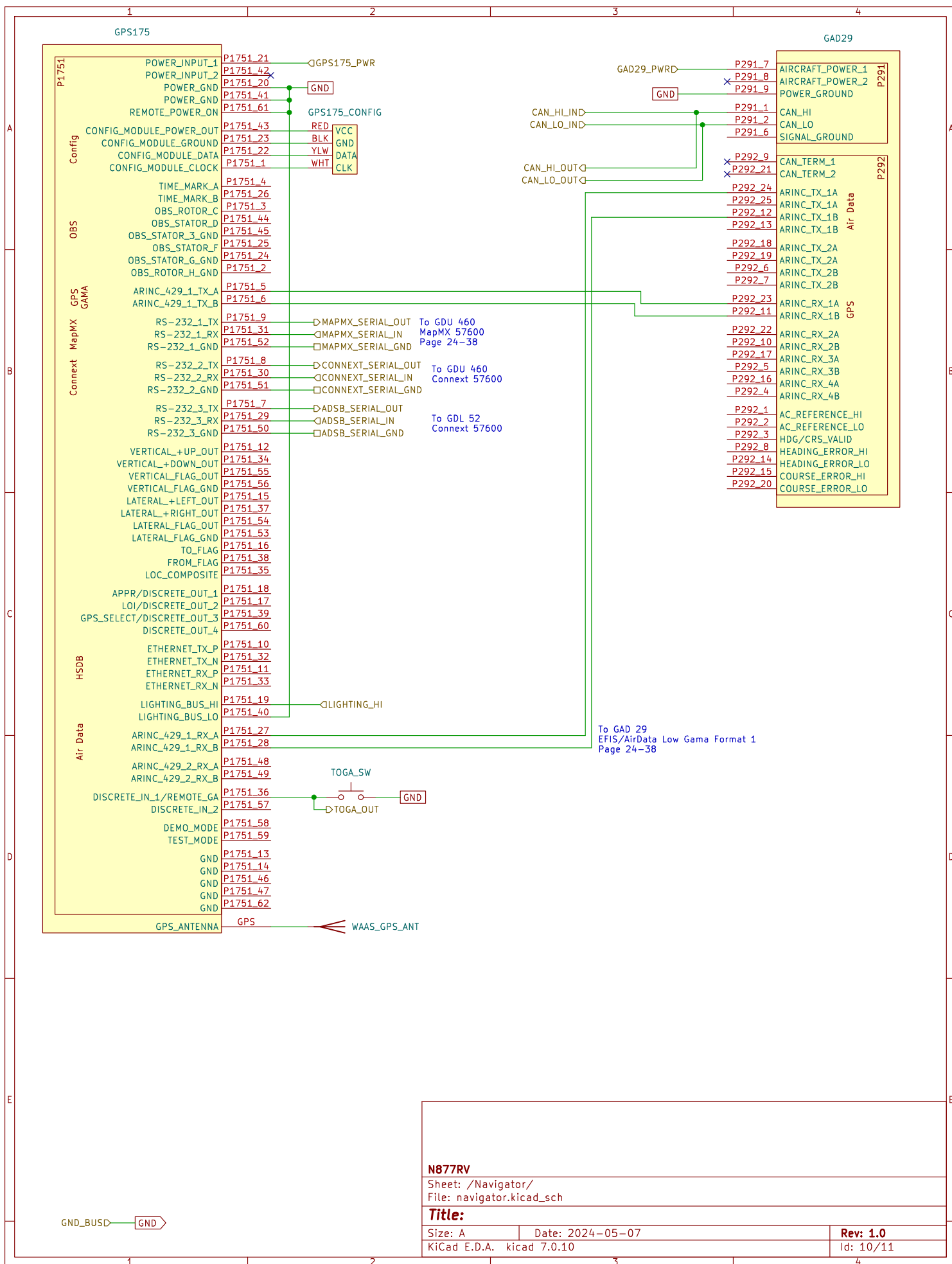
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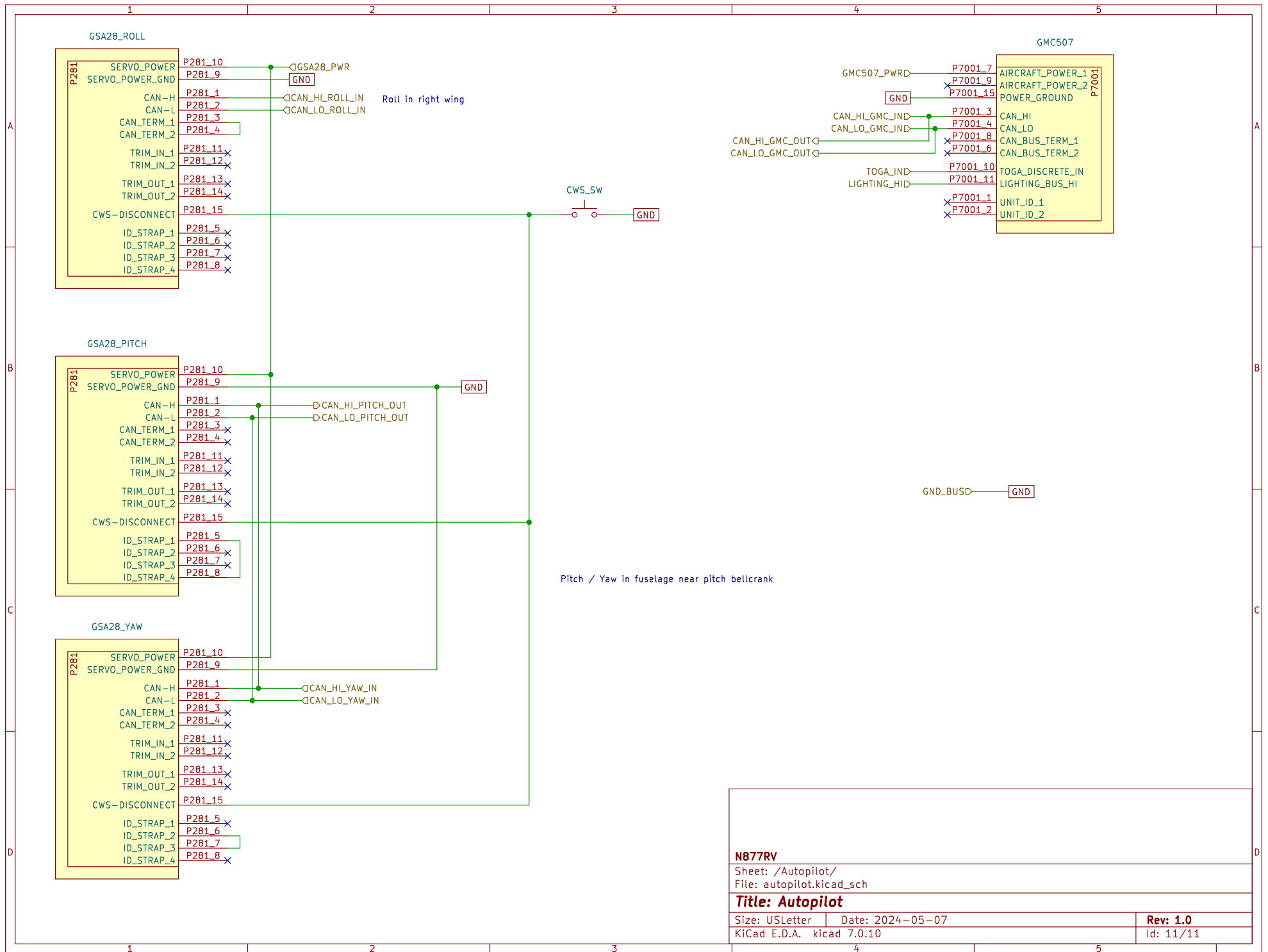
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N877RV

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