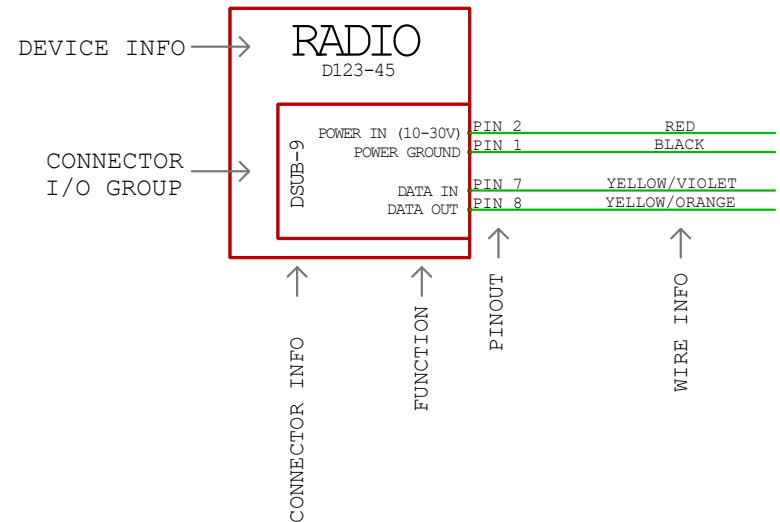


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# LEGEND

## EXAMPLE DEVICE



## NOTES

THIS DIAGRAM IS INTENDED TO BE USED IN CONJUNCTION WITH SKYVIEW HDX SYSTEM GENERAL INSTALLATION MANUAL.

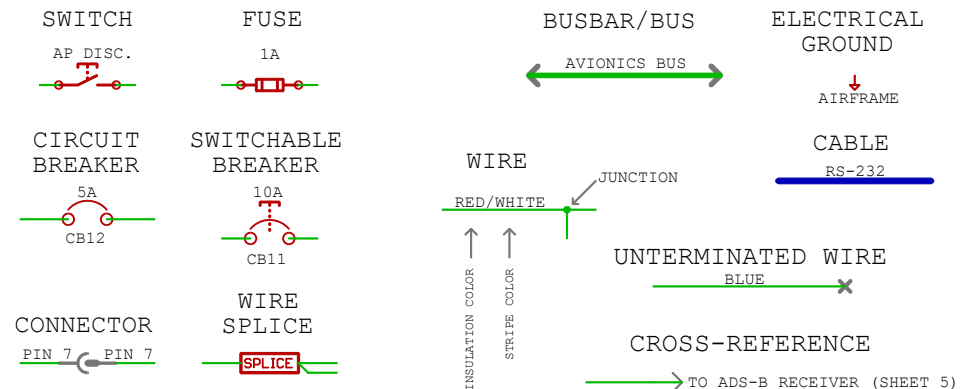
THIS DIAGRAM SHOWS WIRING AND CONNECTIONS FOR A TYPICAL SINGLE ENGINE AIRPLANE EQUIPPED WITH ALL OPTIONAL FUNCTIONS AND TWO DISPLAYS. THREE DISPLAYS IS SIMILAR.

NOT EVERY OPTION IS APPLICABLE TO EVERY AIRPLANE.

IF A SYMBOL DOES NOT APPEAR IN THE LEGEND, AN EXPLANATION APPEARS ON THE SAME SHEET AS A SYMBOL.

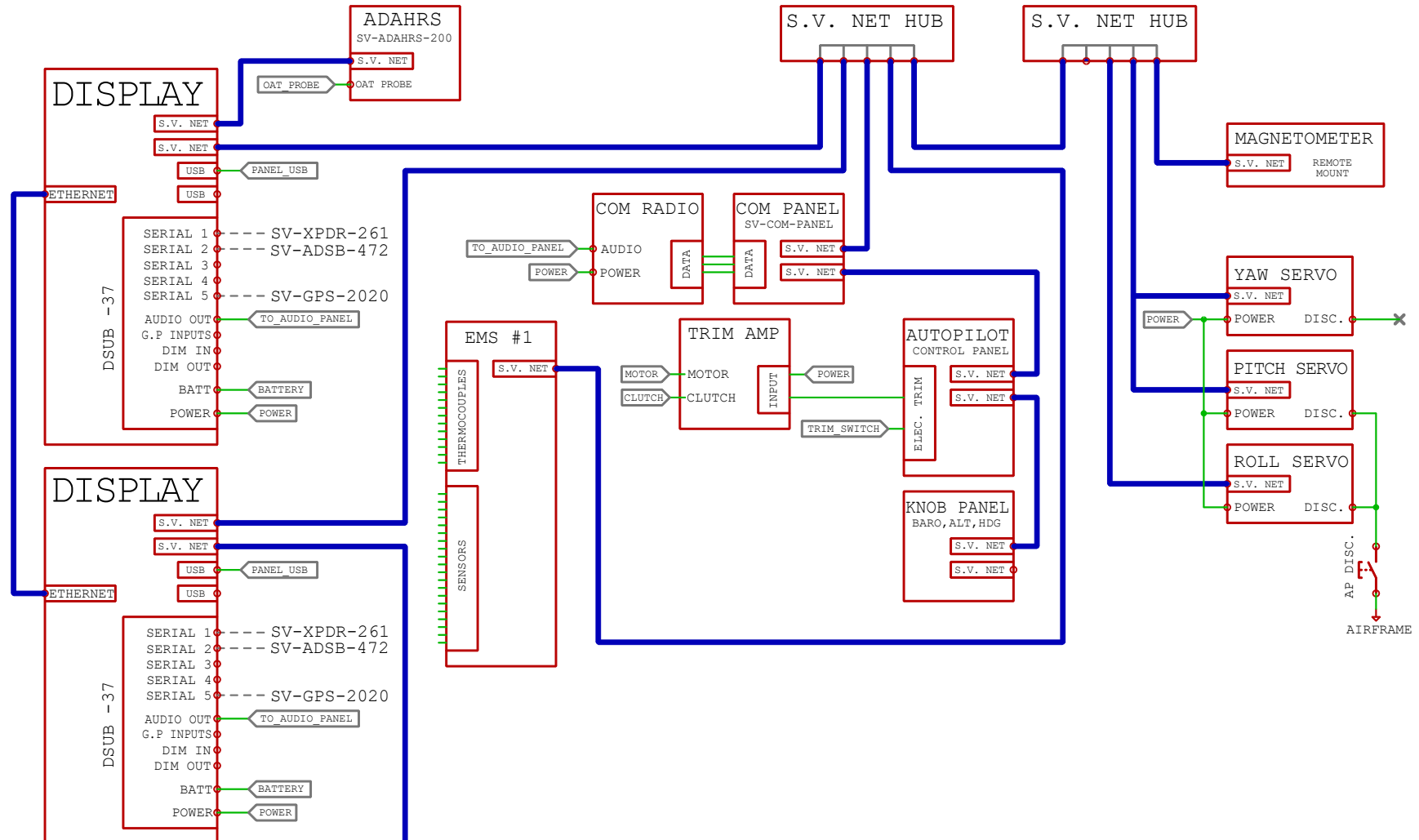
ALL UNTERMINATED WIRES SHOULD BE CAPPED AND STOWED.

- 1 PREFABRICATED HARNESS AVAILABLE. WIRE COLORS MATCH PREFABRICATED HARNESS.
- 2 FOR AIRPLANES EQUIPPED WITH ELECTRIC POSITION SENSOR ONLY.
- 3 THE SKYVIEW HDX SYSTEM GENERAL INSTALLATION MANUAL PROVIDES INFORMATION FOR CONNECTING EMS SYSTEM TO THIRD-PARTY SENSORS AND OTHER EQUIPMENT.
- 4 SHIELDED WIRE CABLES SHOULD BE USED FOR ALL AUDIO SIGNALS.



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# SYSTEM BLOCK DIAGRAM



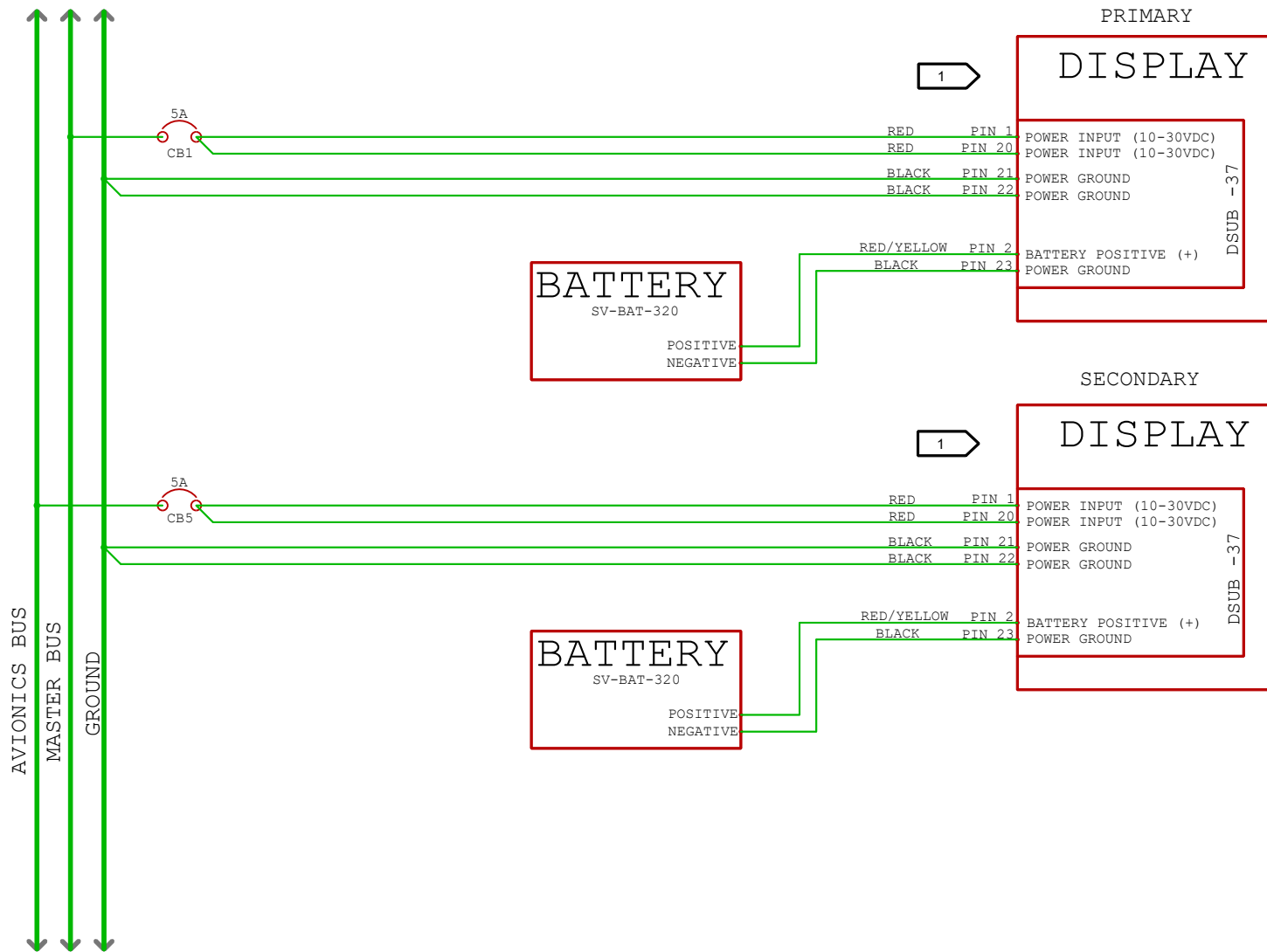
## LEGEND

- CABLE
- WIRE
- - - - - RS-232 SERIAL

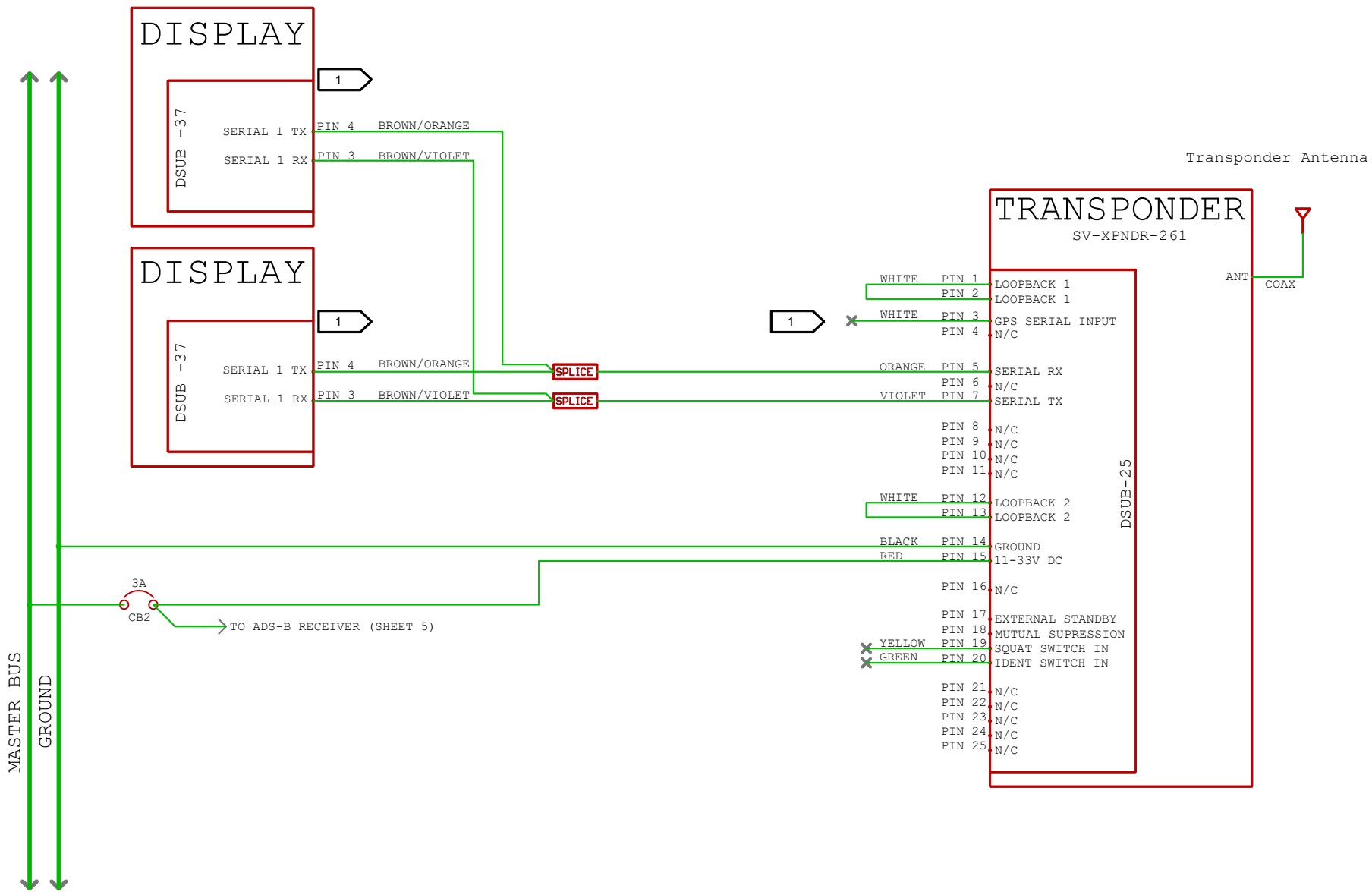


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# DISPLAY POWER WIRING

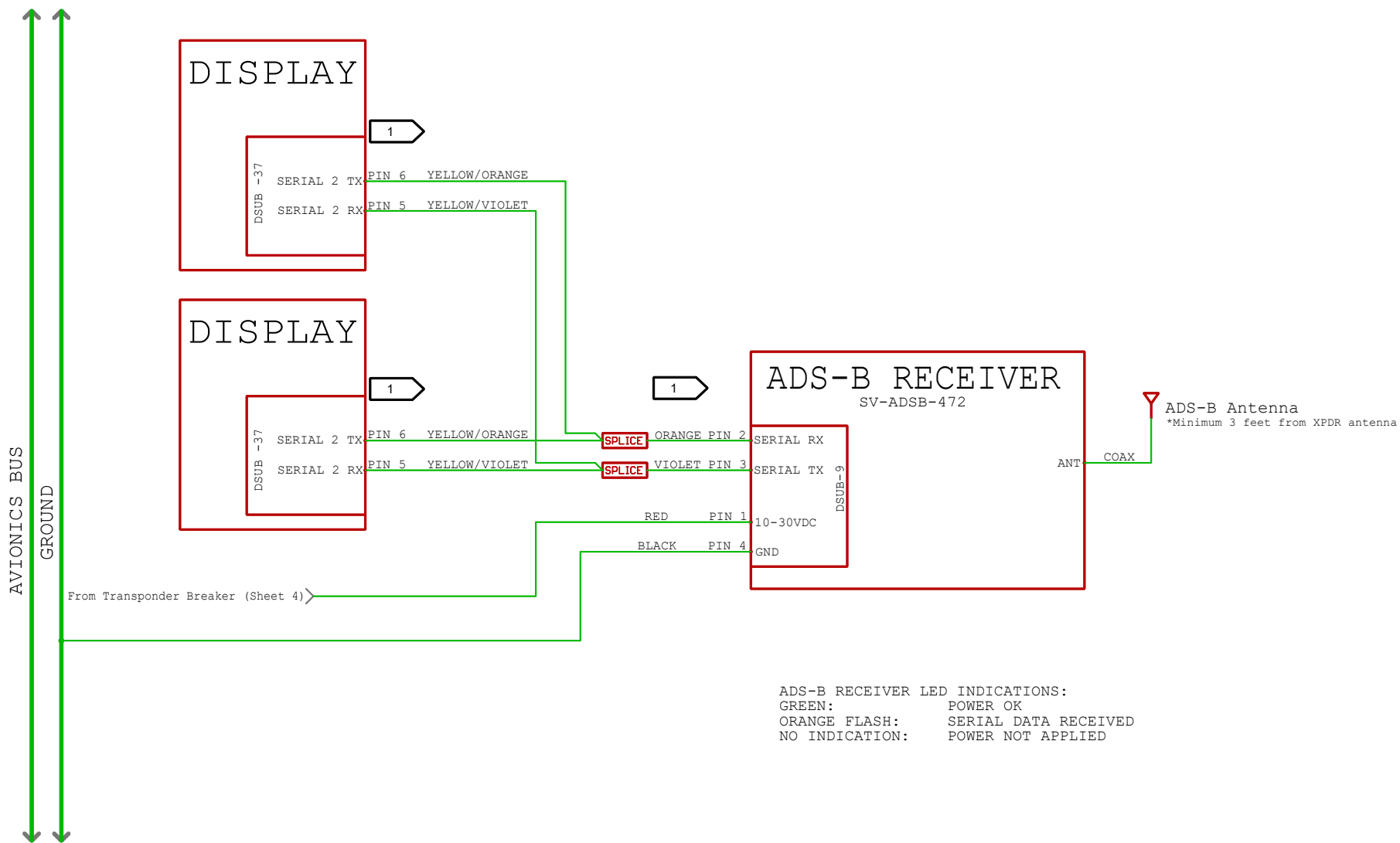


# TRANSPONDER WIRING



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# SV-ADSB-472

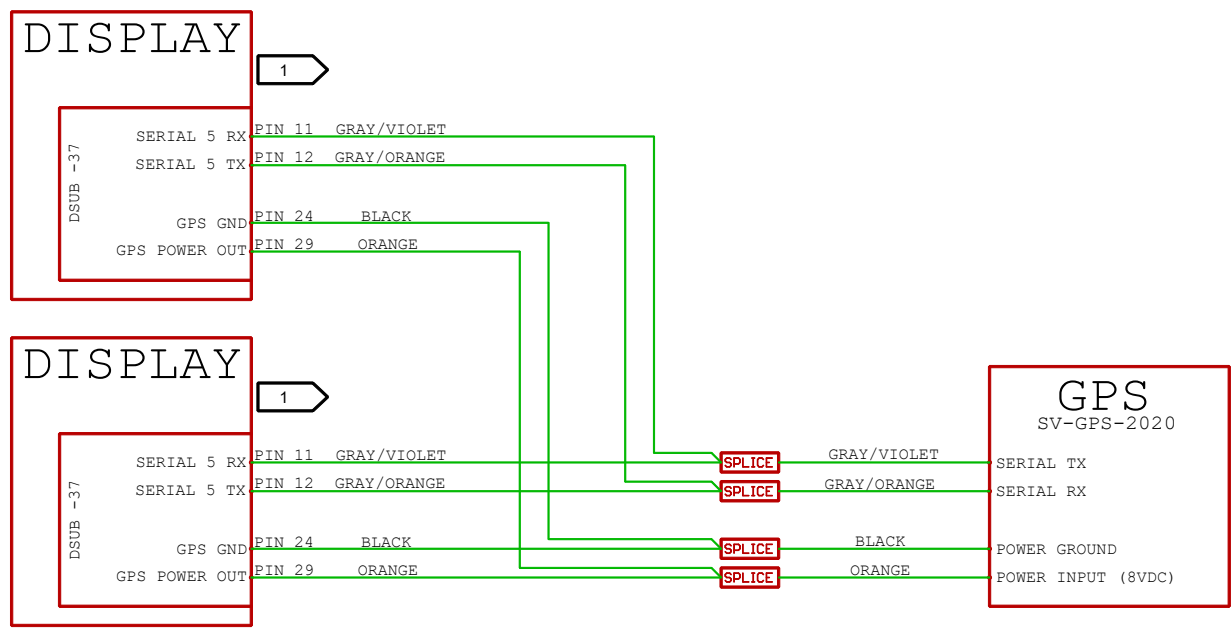


ADS-B RECEIVER LED INDICATIONS:  
 GREEN: POWER OK  
 ORANGE FLASH: SERIAL DATA RECEIVED  
 NO INDICATION: POWER NOT APPLIED



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# SV-GPS-2020



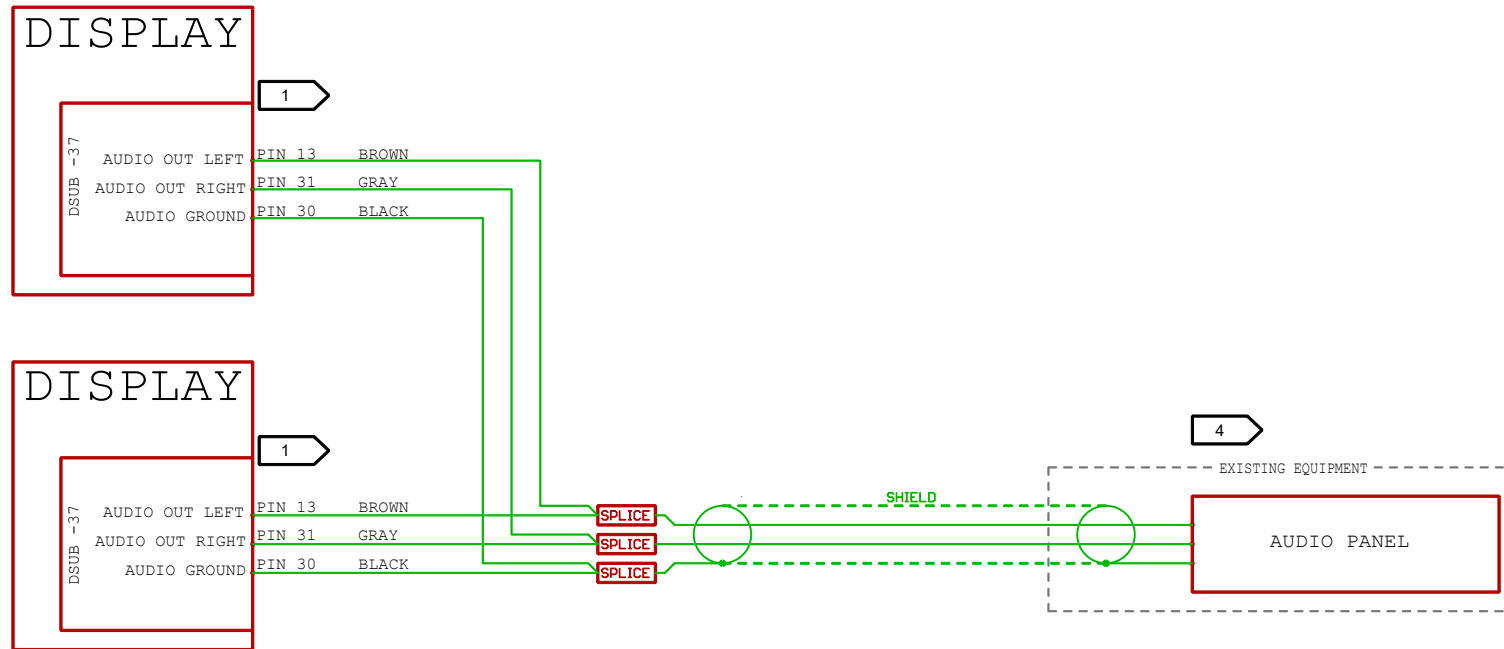
TITLE: SKYVIEW HDX WIRING DIAGRAM - SINGLE ENGINE

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# AUDIO SYSTEM WIRING



FOR AIRCRAFT WITH MONO AUDIO SYSTEMS  
 AUDIO OUT RIGHT AND AUDIO OUT LEFT SHOULD  
 BE CONNECTED TOGETHER AND FED TO AUDIO PANEL.



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# SV-COM-T8 / SV-COM-T25

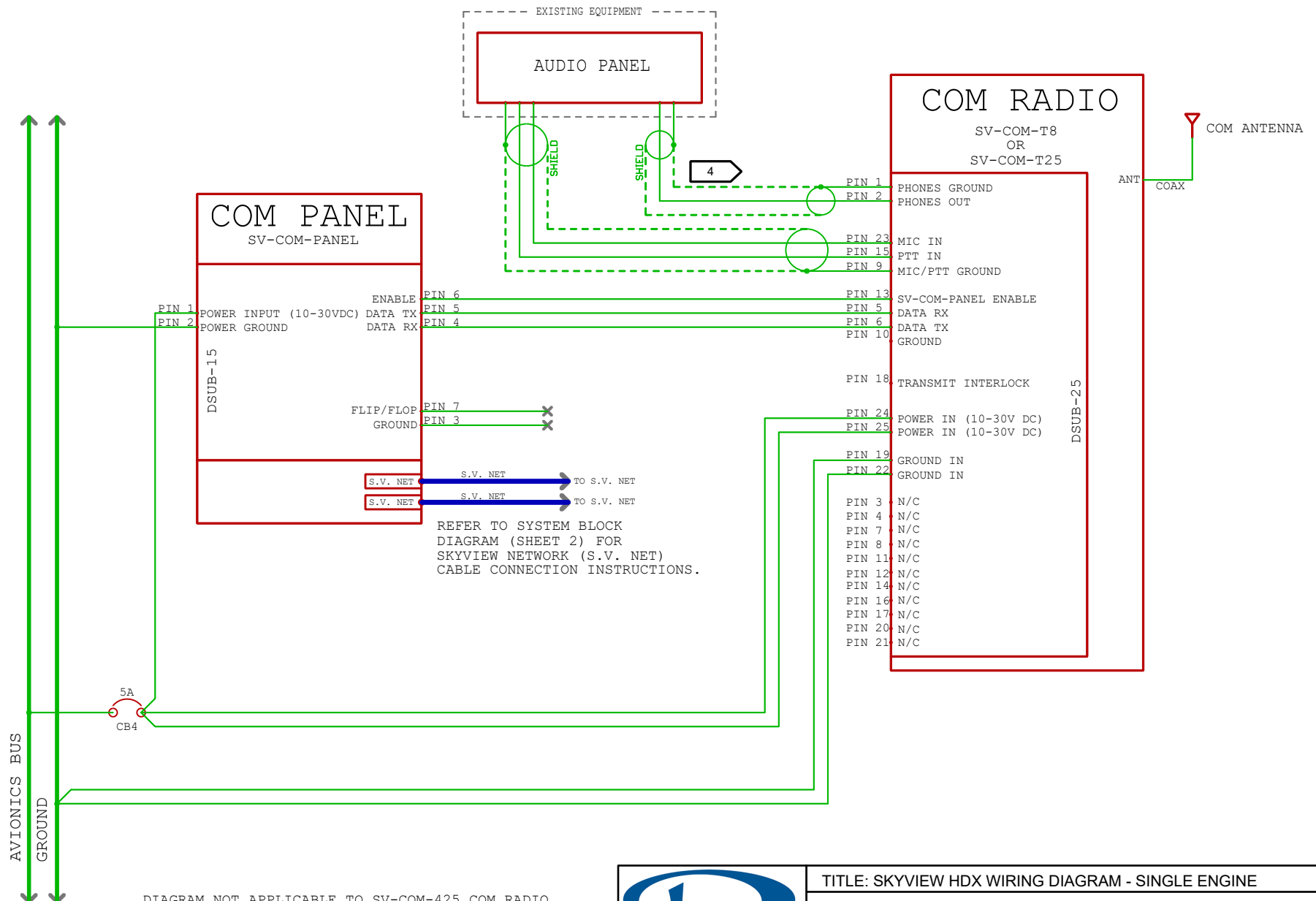


DIAGRAM NOT APPLICABLE TO SV-COM-425 COM RADIO



TITLE: SKYVIEW HDX WIRING DIAGRAM - SINGLE ENGINE

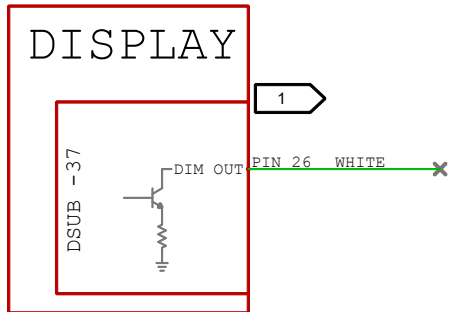
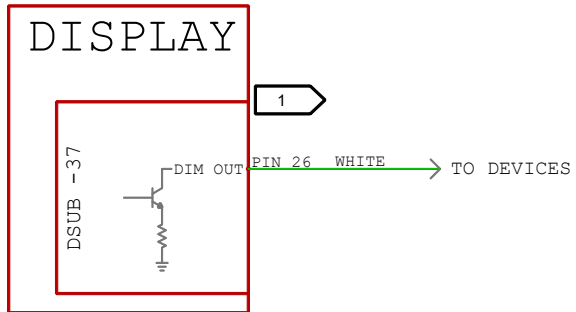
DOCUMENT NUMBER: 103488-000

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# SKYVIEW AUTO DIMMING



When using SkyView to control brightness of external devices, connect the device to only one display.



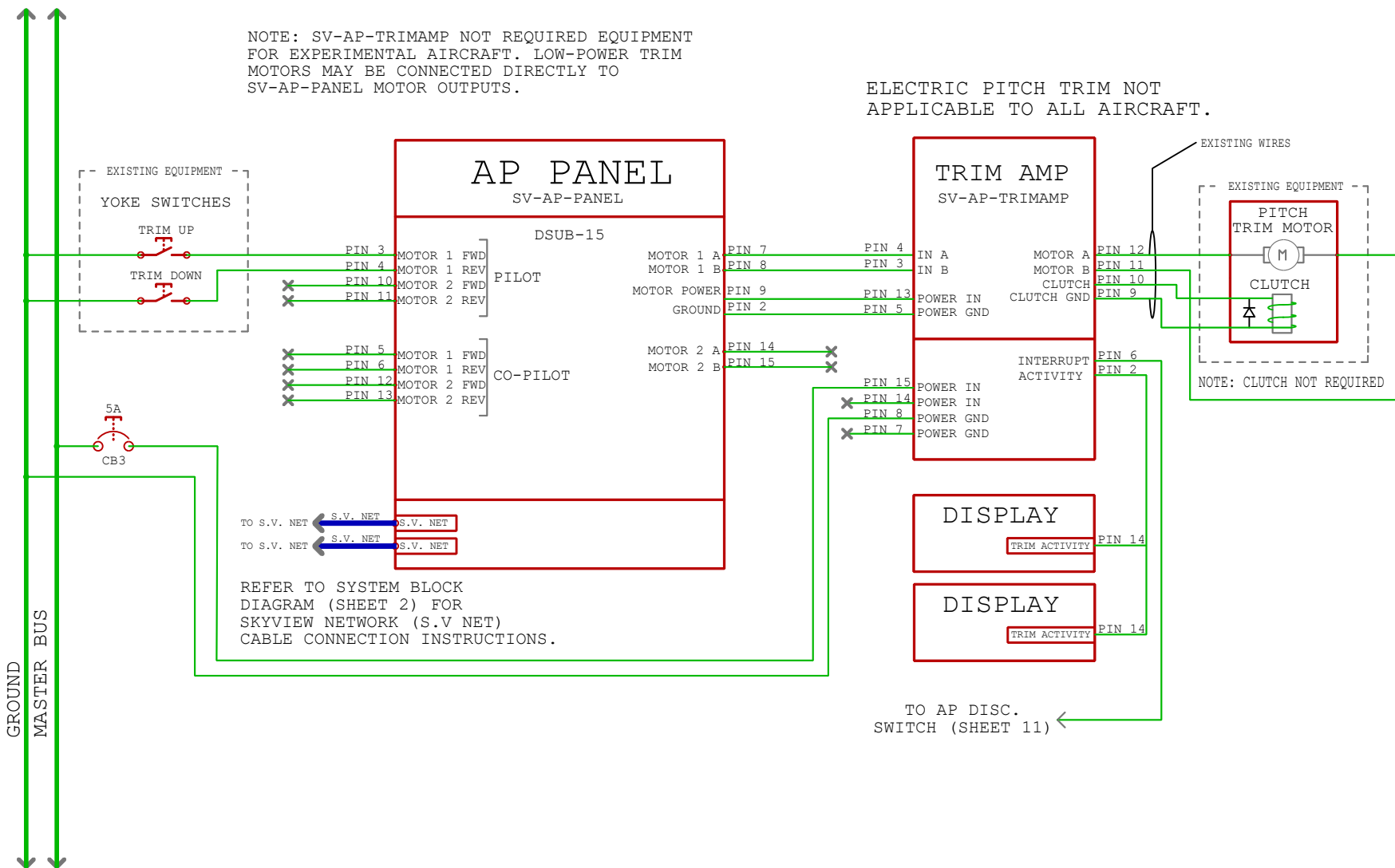
TITLE: SKYVIEW HDX WIRING DIAGRAM - SINGLE ENGINE

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# AUTOPILOT CONTROL PANEL WITH OPTIONAL TRIM SYSTEM WIRING



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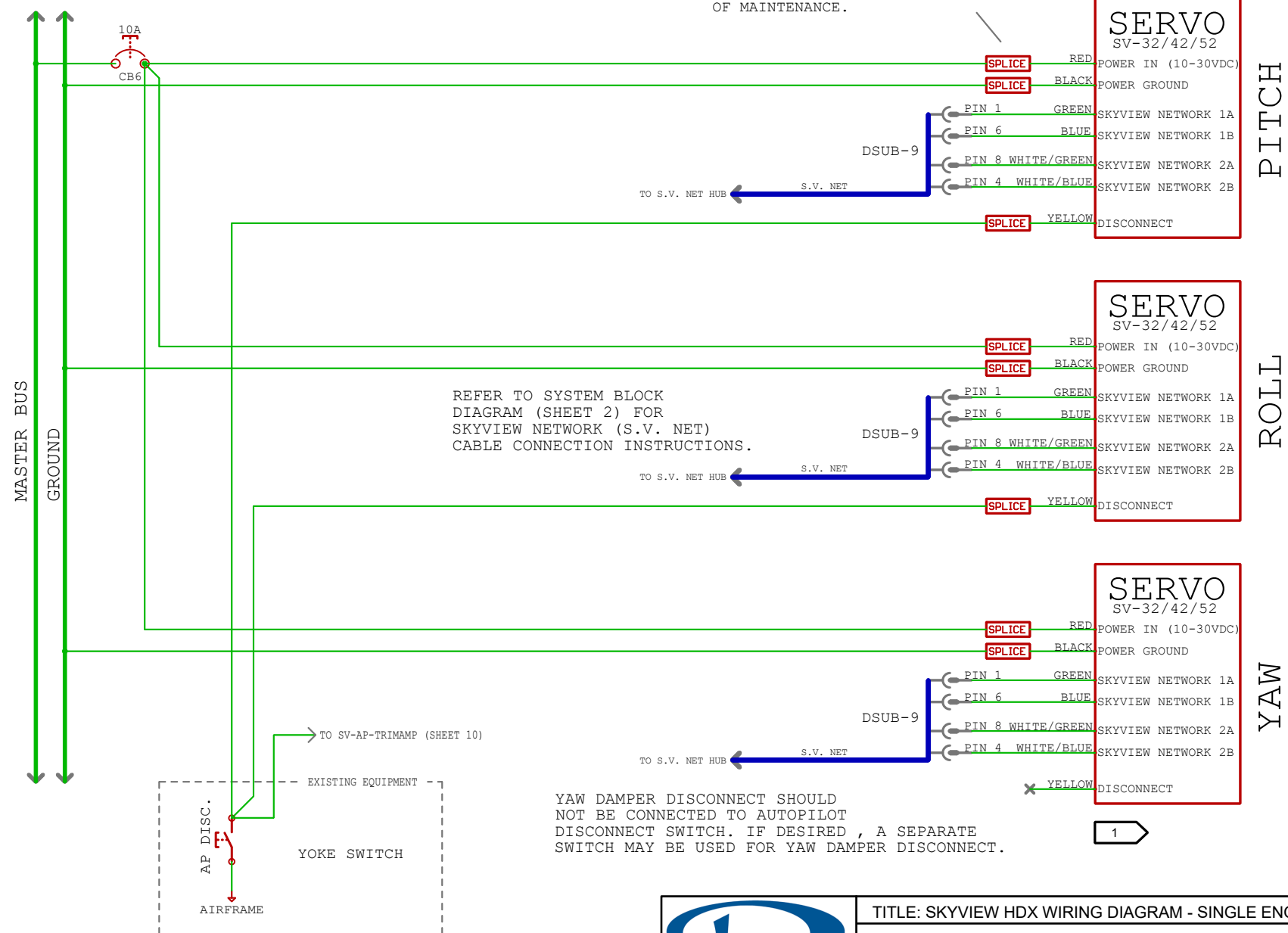
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# AUTOPILOT SERVO WIRING

USE QUICK-DISCONNECT CONNECTOR FOR ALL SERVO WIRES FOR EASE OF MAINTENANCE.



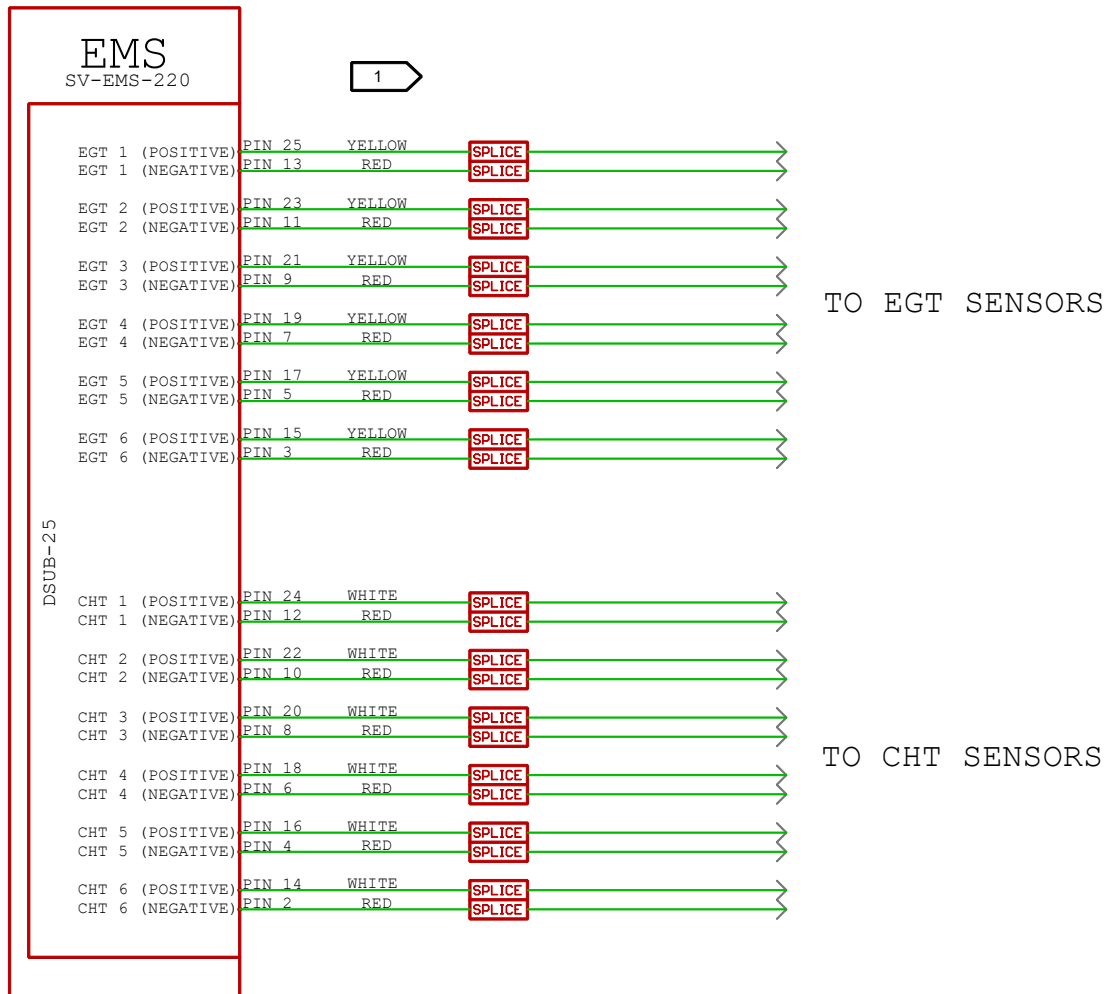
TITLE: SKYVIEW HDX WIRING DIAGRAM - SINGLE ENGINE

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# EMS WIRING - THERMOCOUPLES



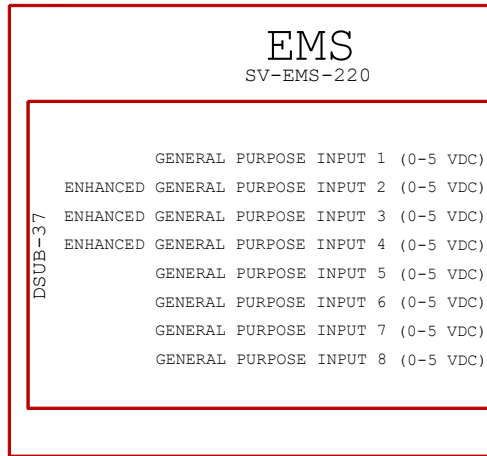
TITLE: SKYVIEW HDX WIRING DIAGRAM - SINGLE ENGINE

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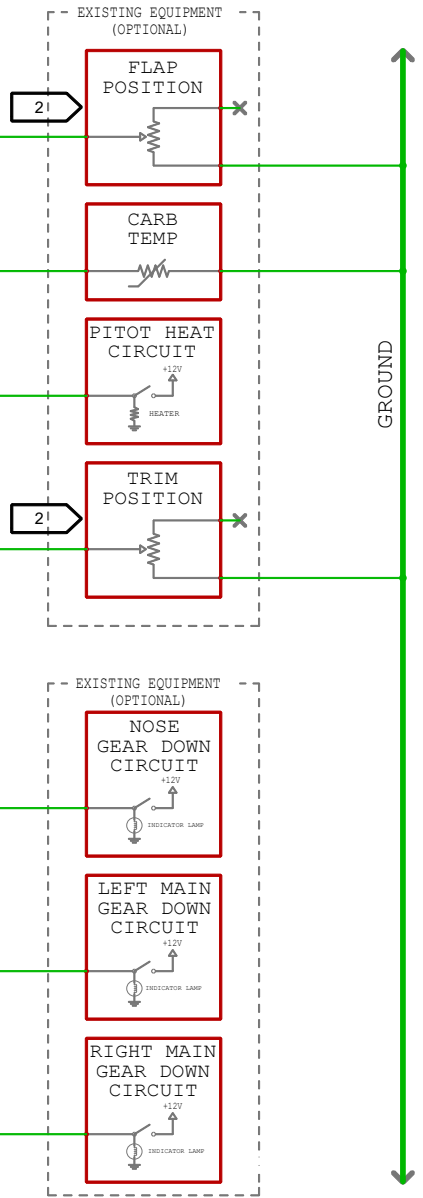
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# EMS WIRING #1 - FLAPS, GEAR, CARB TEMP, PITOT HEAT



1



NOTE: For voltages above 5 volts  
Install a 10 Kilo-ohm resistor  
in series with all positive voltage  
sense wires to protect EMS.

See installation manual for  
further advice.

**NOTES:**

DYNON EMS CONTAINS CONFIGURABLE INTERNAL PULL-UP RESISTORS THAT ARE USED TO PROVIDE POWER TO PASSIVE RESISTIVE SENSORS.

INTERNAL PULL-UP RESISTOR VALUES CONFIGURED VIA SOFTWARE  
10K OHM, 1K OHM, 200 OHM.

ENHANCED INPUTS ALLOW PULL-UP RESISTOR TO BE DISABLED.



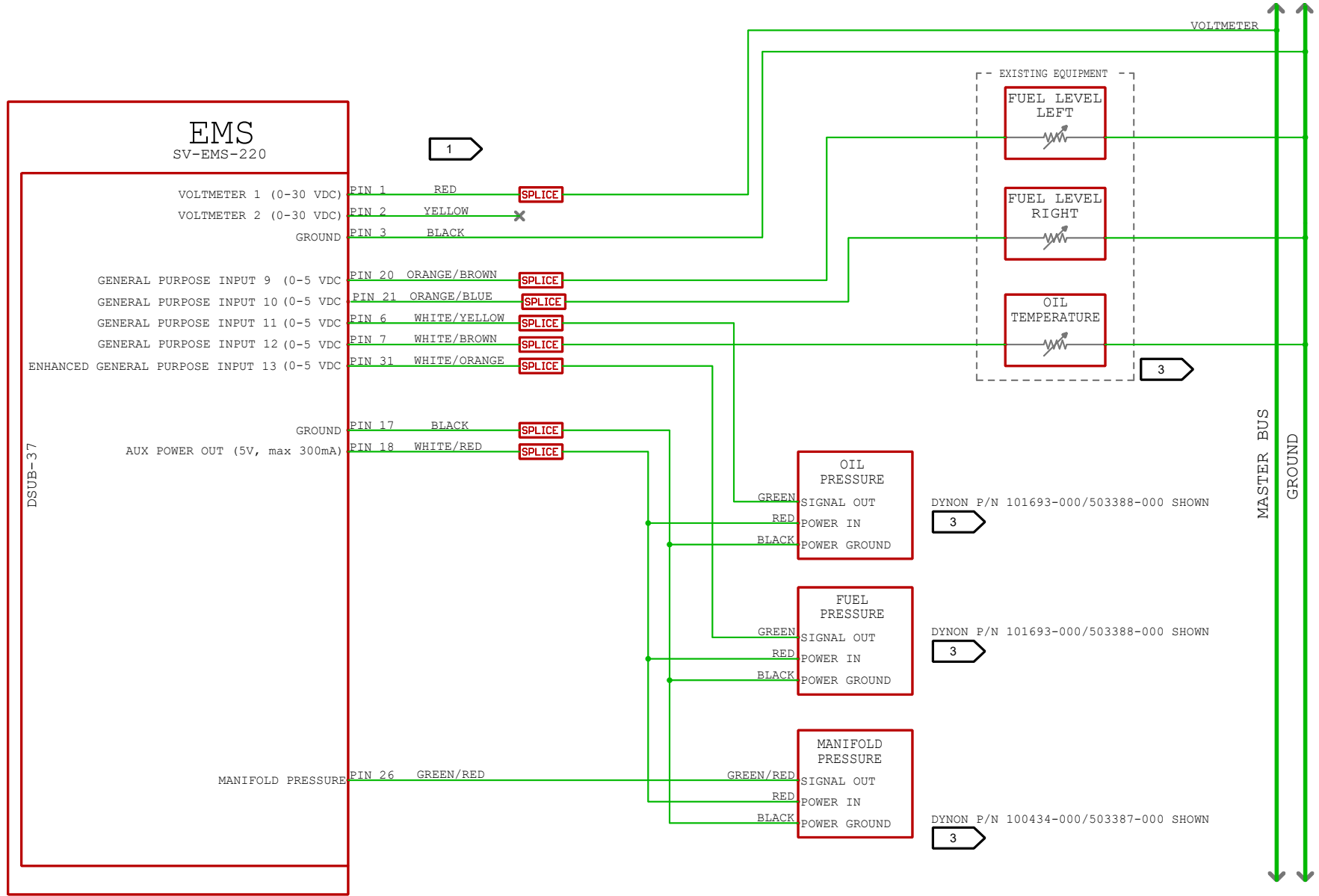
TITLE: SKYVIEW HDX WIRING DIAGRAM - SINGLE ENGINE

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REVISION: G

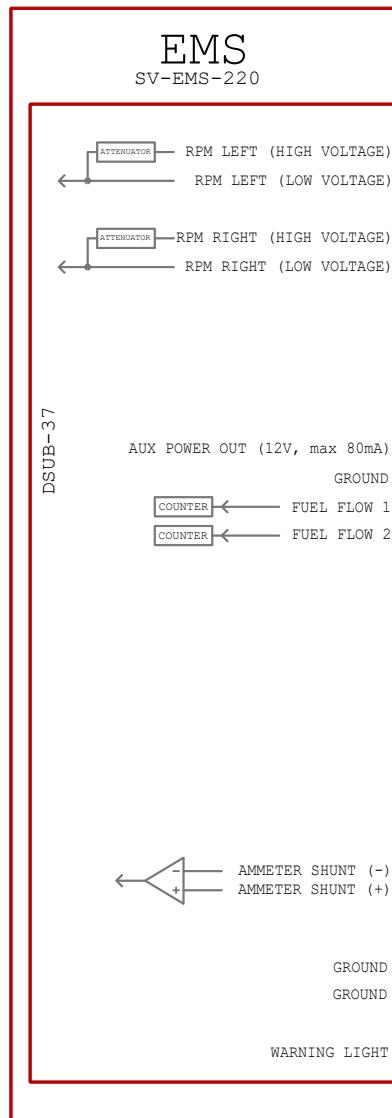
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# EMS #1 WIRING - FUEL, OIL, VOLTS, MAP



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# EMS #1 WIRING - TACH, AMPS, FUEL FLOW

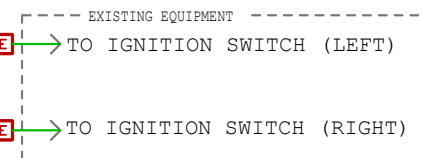


FOR SAFETY REASONS INSTALL RESISTORS AS CLOSE AS PRACTICABLE TO IGNITION SWITCH.

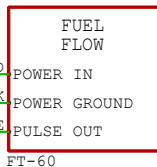


MAGNETO OUTPUT VOLTAGES VARY. USE 30 KILO-OHM RESISTOR FOR MOST LYCOMING AND CONTINENTAL ENGINES.

IF RPM READINGS ARE NOT RELIABLE SEE 3

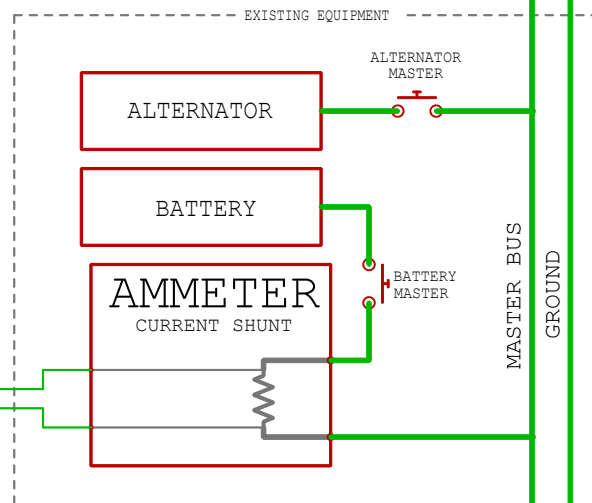


NOTE: DO NOT CONNECT LOW VOLTAGE INPUT TO MAGNETO



ELECTRONICS INTERNATIONAL FT-60 FUEL FLOW TRANSDUCER IS SHOWN.

3



SIMPLIFIED DIAGRAM. FOR REFERENCE ONLY.

THE AMMETER CONFIGURATION SHOWN WILL PROVIDE INFORMATION ABOUT BATTERY CHARGE OR DISCHARGE TO THE PILOT. SKYVIEW EMS SUPPORTS OTHER CONFIGURATIONS.

3



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