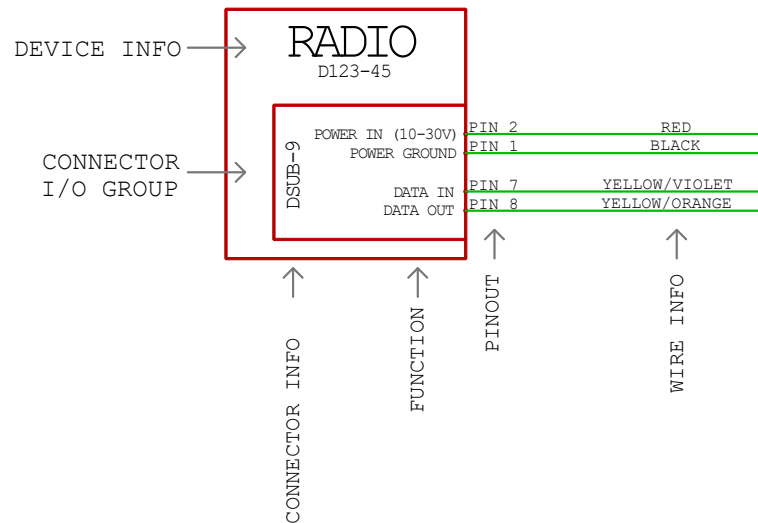


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LEGEND

EXAMPLE DEVICE



NOTES

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

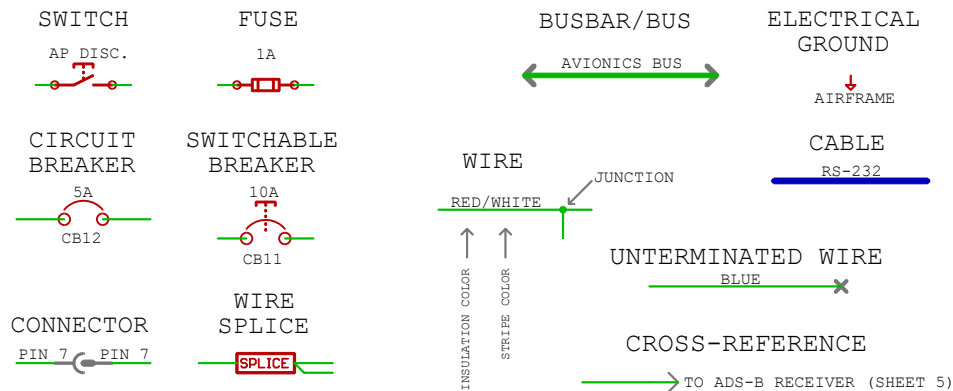
THIS DIAGRAM SHOWS WIRING AND CONNECTIONS FOR A TYPICAL TWIN ENGINE AIRPLANE EQUIPPED WITH ALL OPTIONAL FUNCTIONS AND TWO DISPLAYS. THREE DISPLAYS IS SIMILAR.

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.

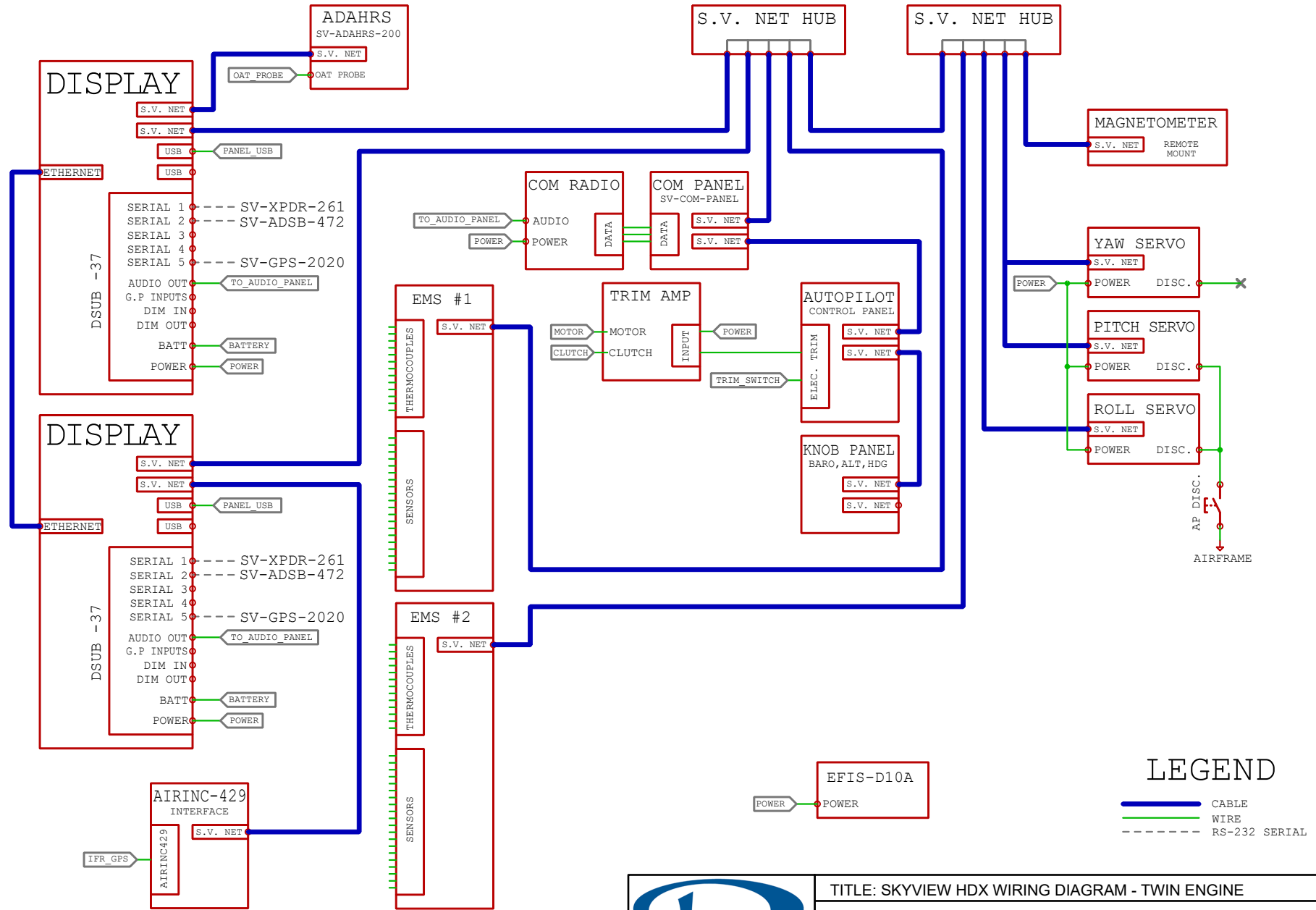
ALL UNTERMINATED WIRES SHOULD BE CAPPED AND STOWED.

- 1 PREFABRICATED HARNESSES 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.



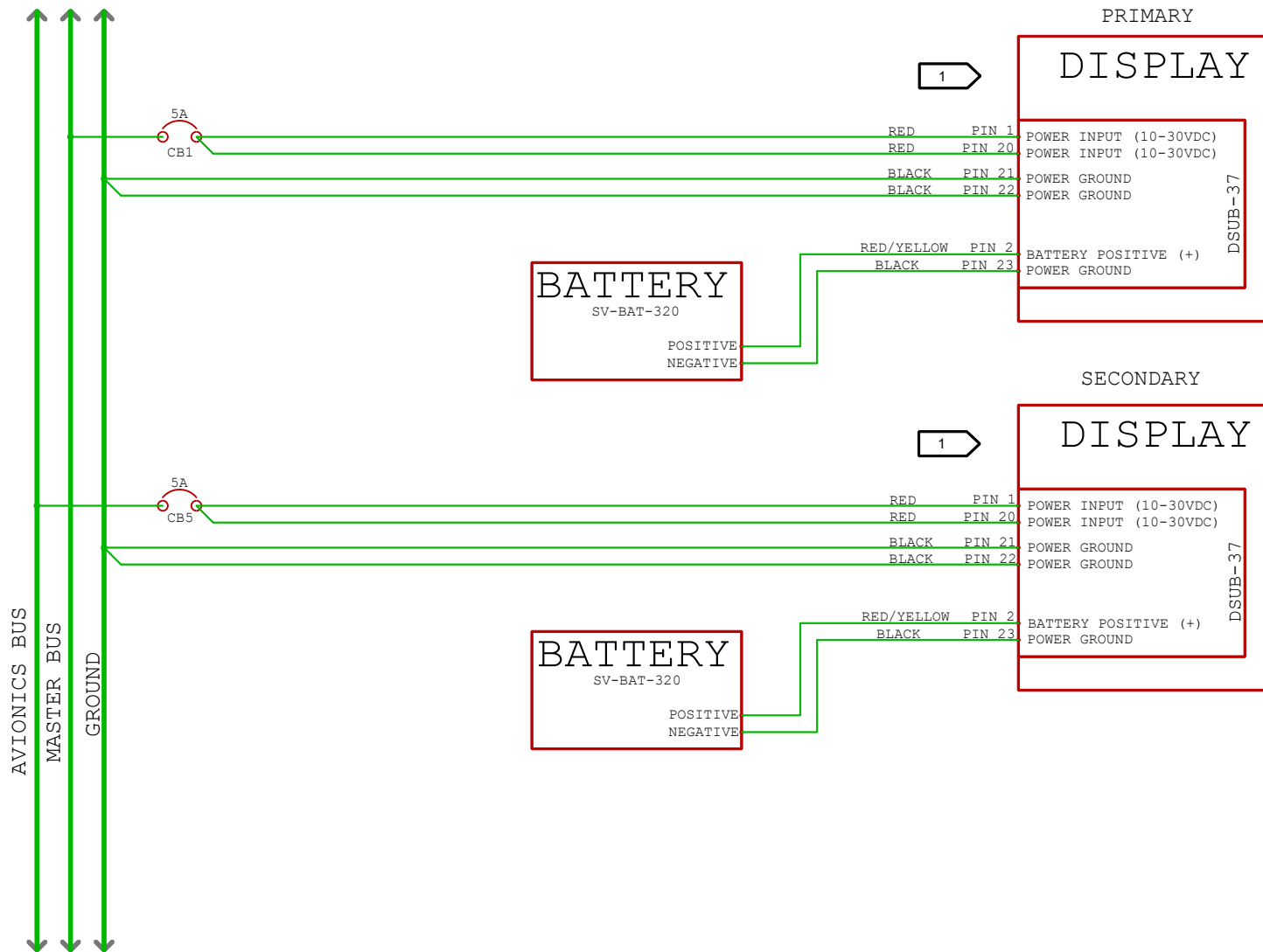
TITLE: SKYVIEW HDX WIRING DIAGRAM - TWIN ENGINE
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SYSTEM BLOCK DIAGRAM



TITLE: SKYVIEW HDX WIRING DIAGRAM - TWIN ENGINE
DOCUMENT NUMBER: 103947-000
REVISION: D
SHEET: 2 OF 18

DISPLAY POWER WIRING



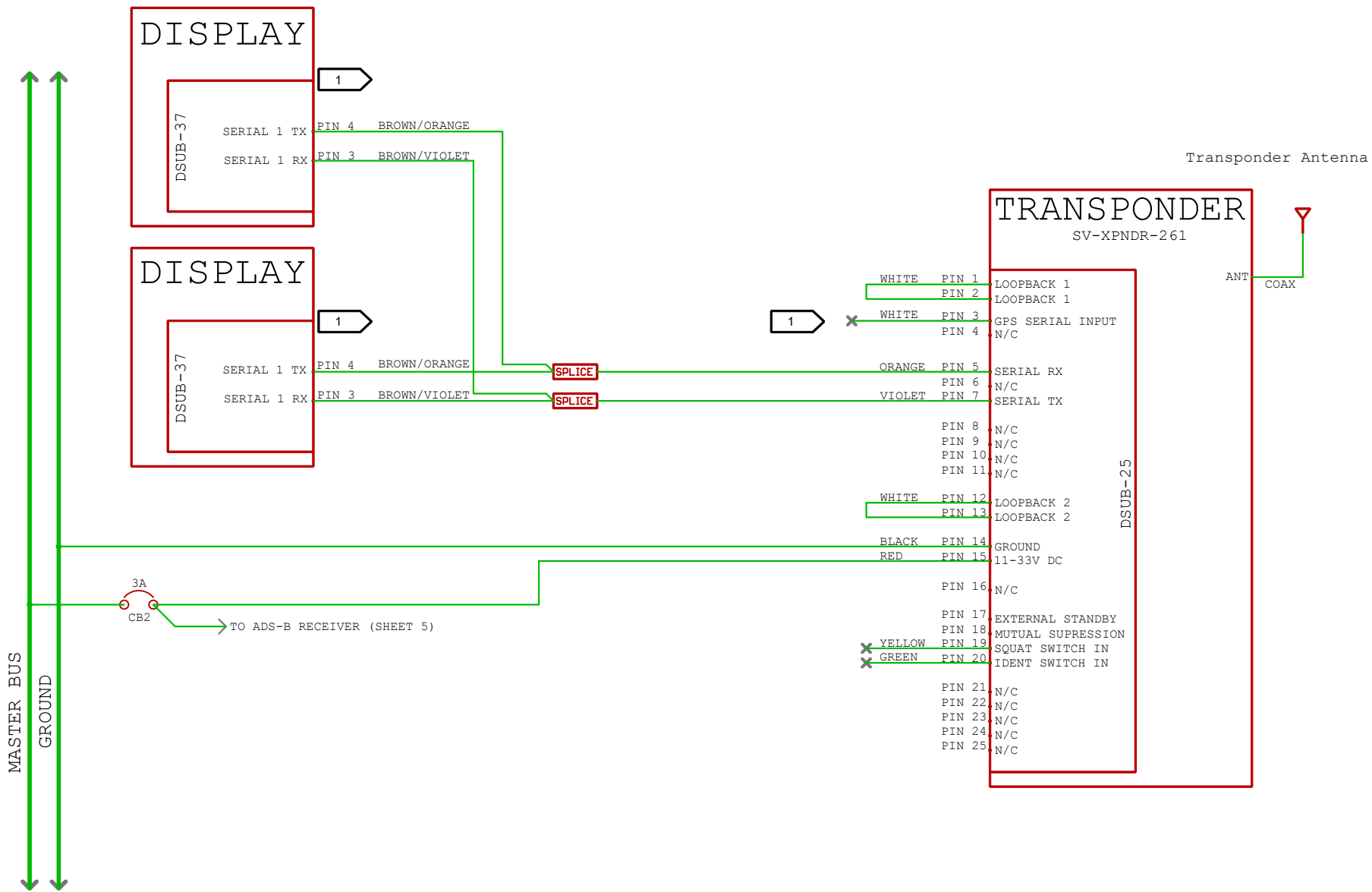
TITLE: SKYVIEW HDX WIRING DIAGRAM - TWIN ENGINE

DOCUMENT NUMBER: 103947-000

REVISION: D

SHEET: 3 OF 18

TRANSPONDER WIRING



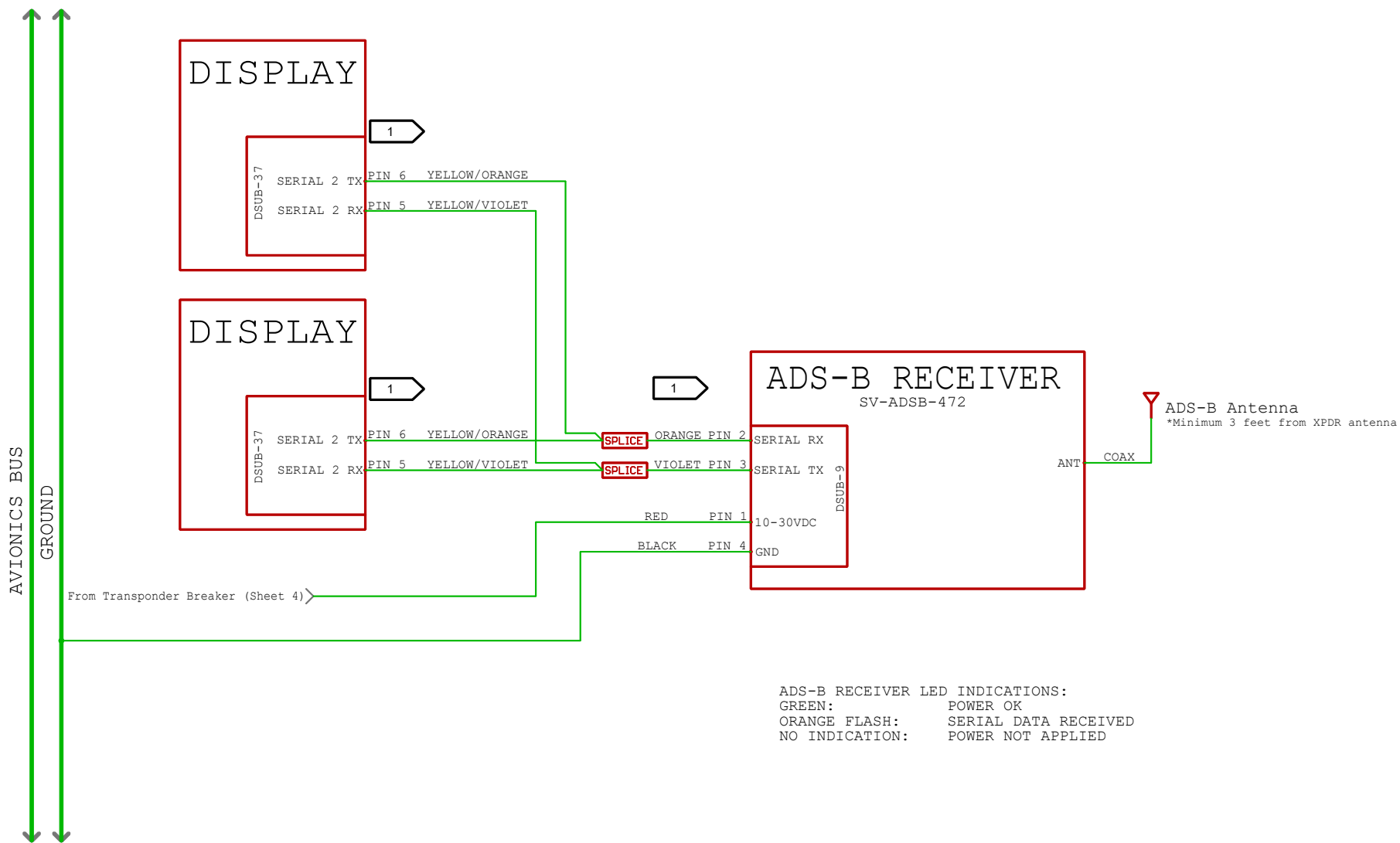
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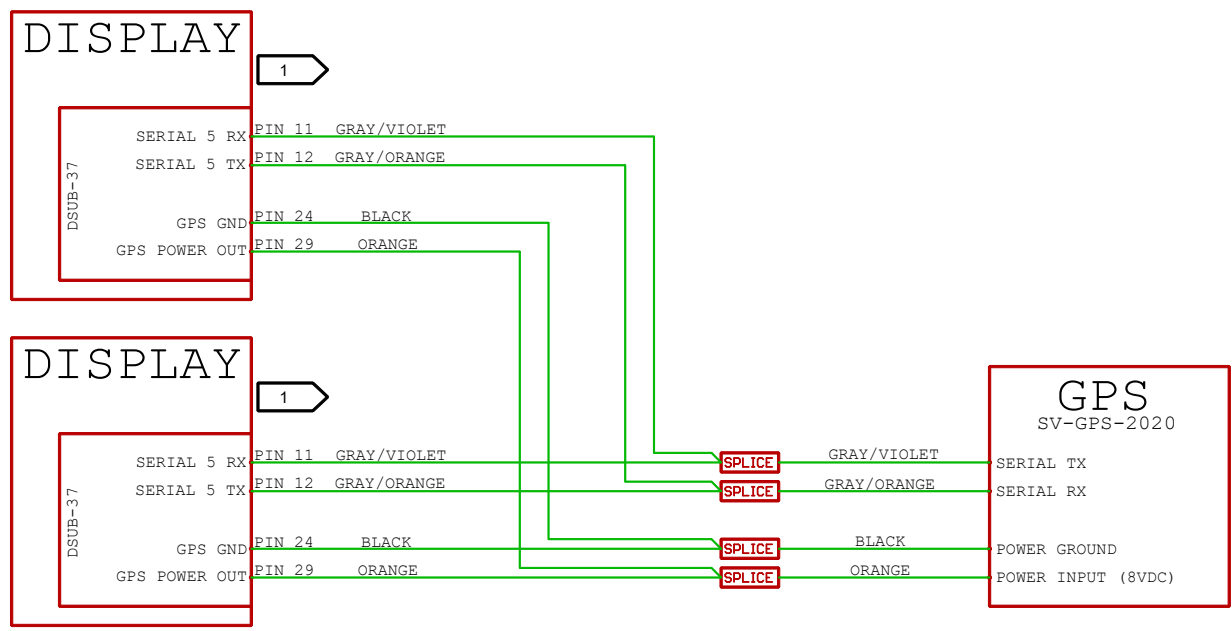
SHEET: 4 OF 18

SV-ADSB-472



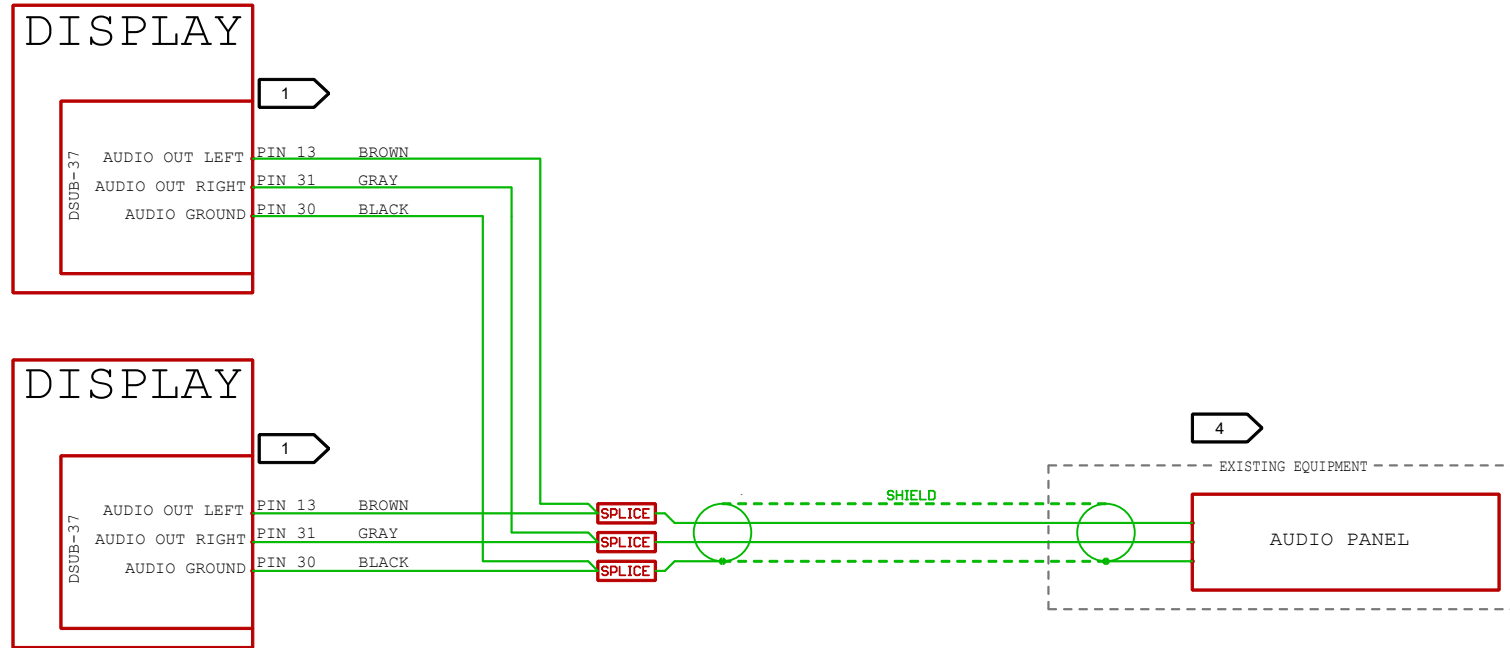
TITLE: SKYVIEW HDX WIRING DIAGRAM - TWIN ENGINE
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REVISION: D
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SV-GPS-2020



TITLE: SKYVIEW HDX WIRING DIAGRAM - TWIN 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.



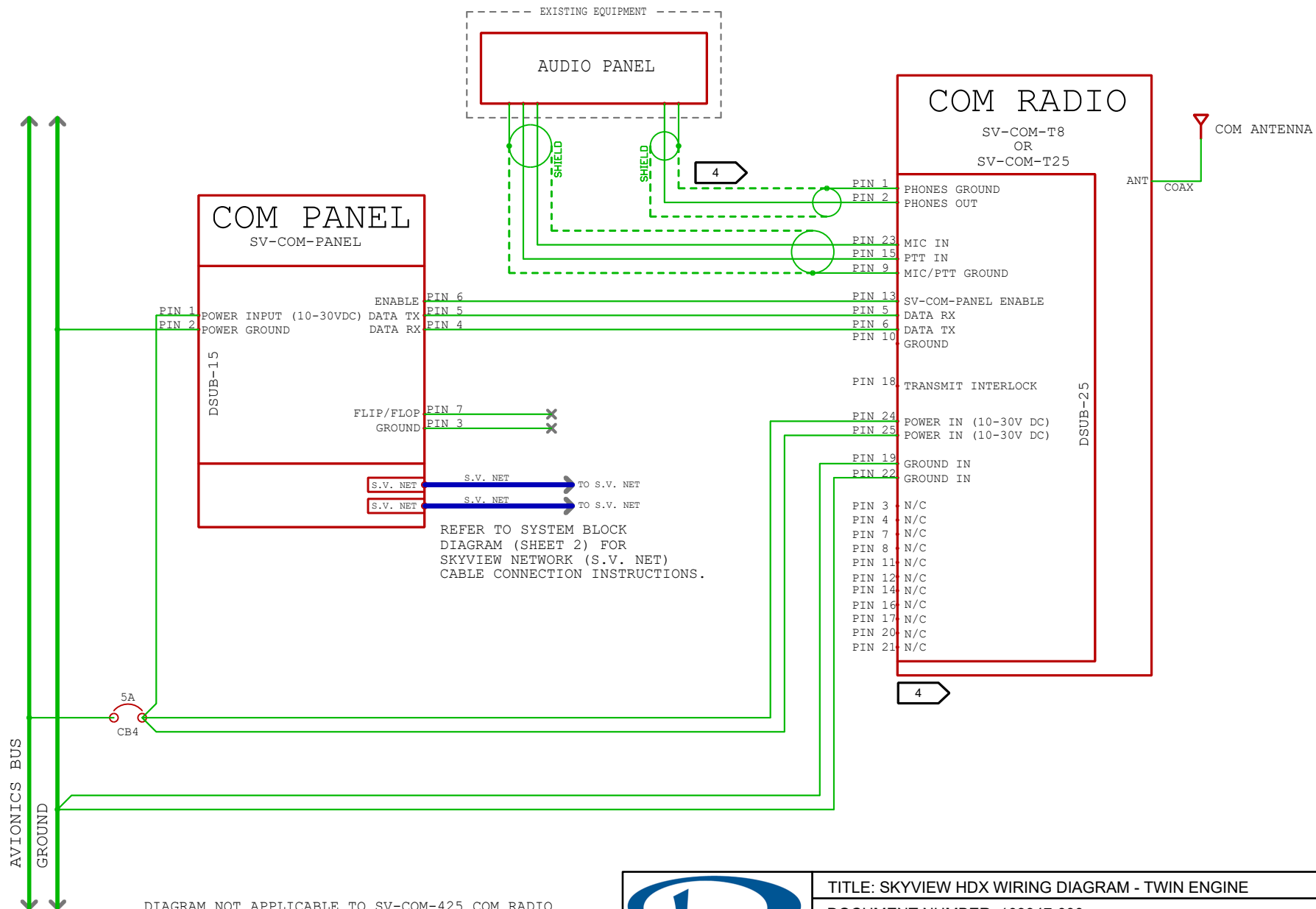
TITLE: SKYVIEW HDX WIRING DIAGRAM - TWIN ENGINE

DOCUMENT NUMBER: 103947-000

REVISION: D

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SV-COM-T8/SV-COM-T25



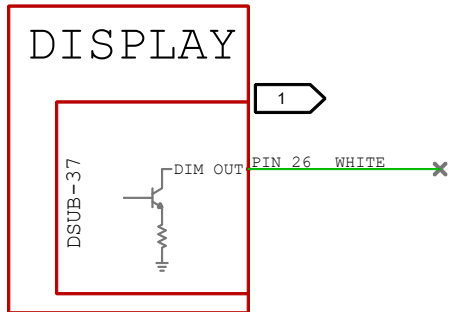
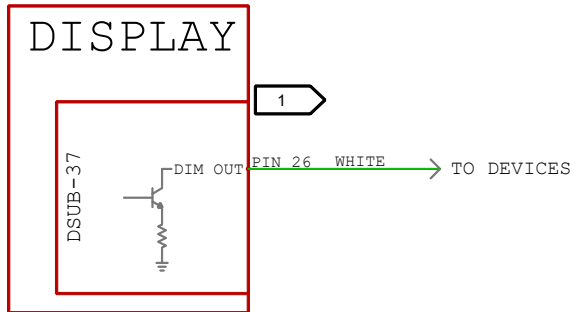
TITLE: SKYVIEW HDX WIRING DIAGRAM - TWIN ENGINE

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SKYVIEW AUTO DIMMING



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



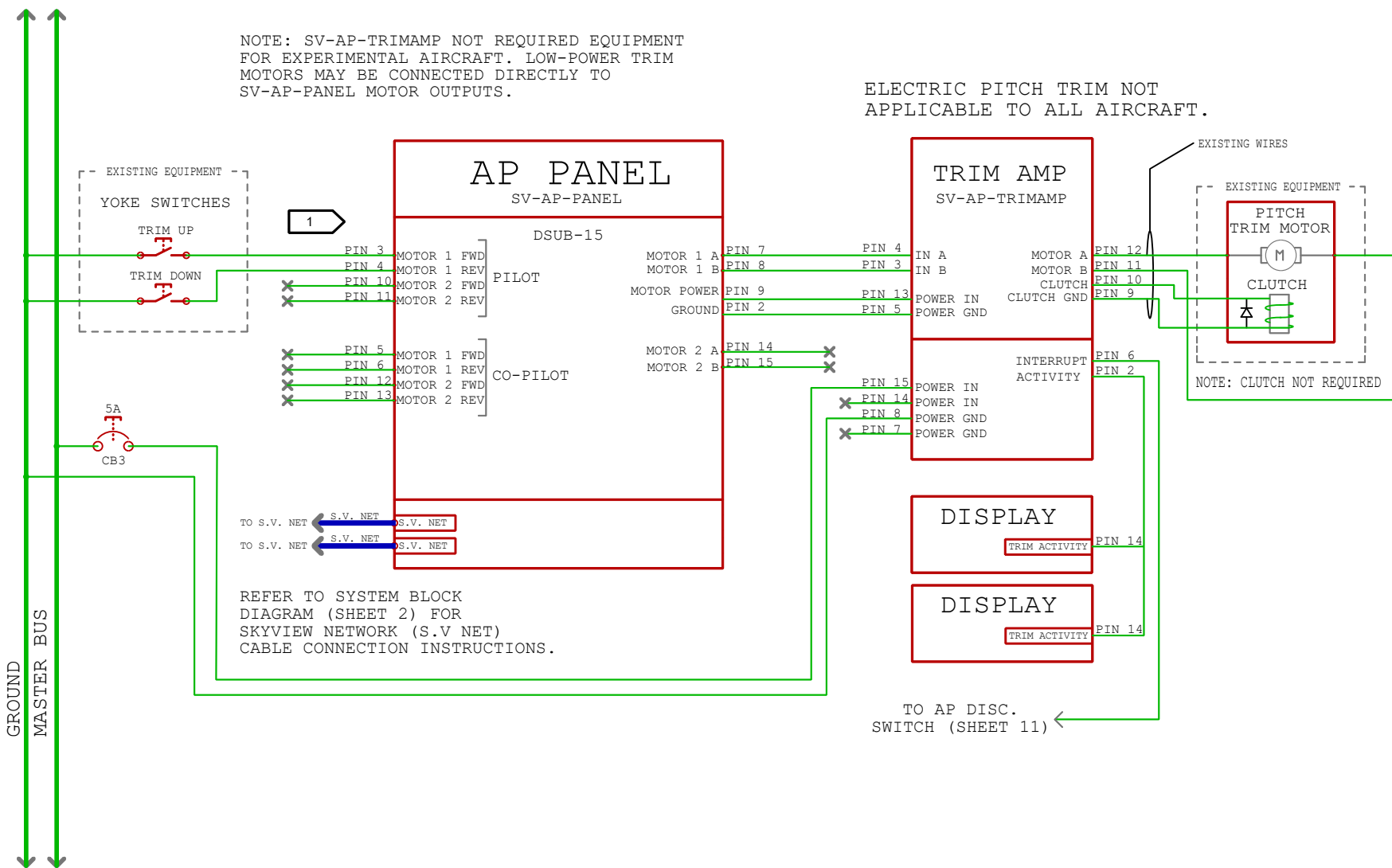
TITLE: SKYVIEW HDX WIRING DIAGRAM - TWIN ENGINE

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AUTOPILOT CONTROL PANEL WITH OPTIONAL TRIM SYSTEM WIRING



TITLE: SKYVIEW HDX WIRING DIAGRAM - TWIN ENGINE

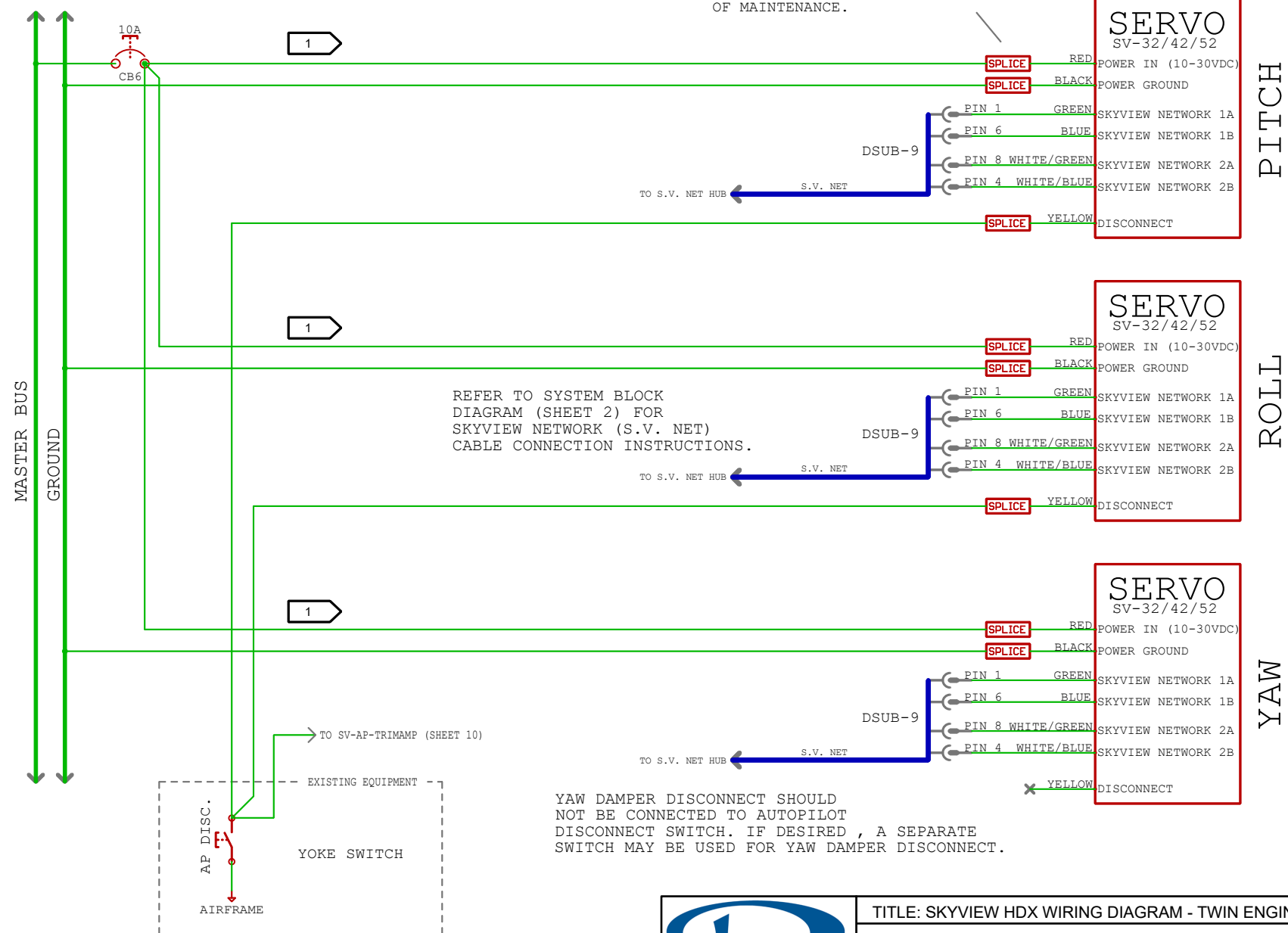
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AUTOPILOT SERVO WIRING

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



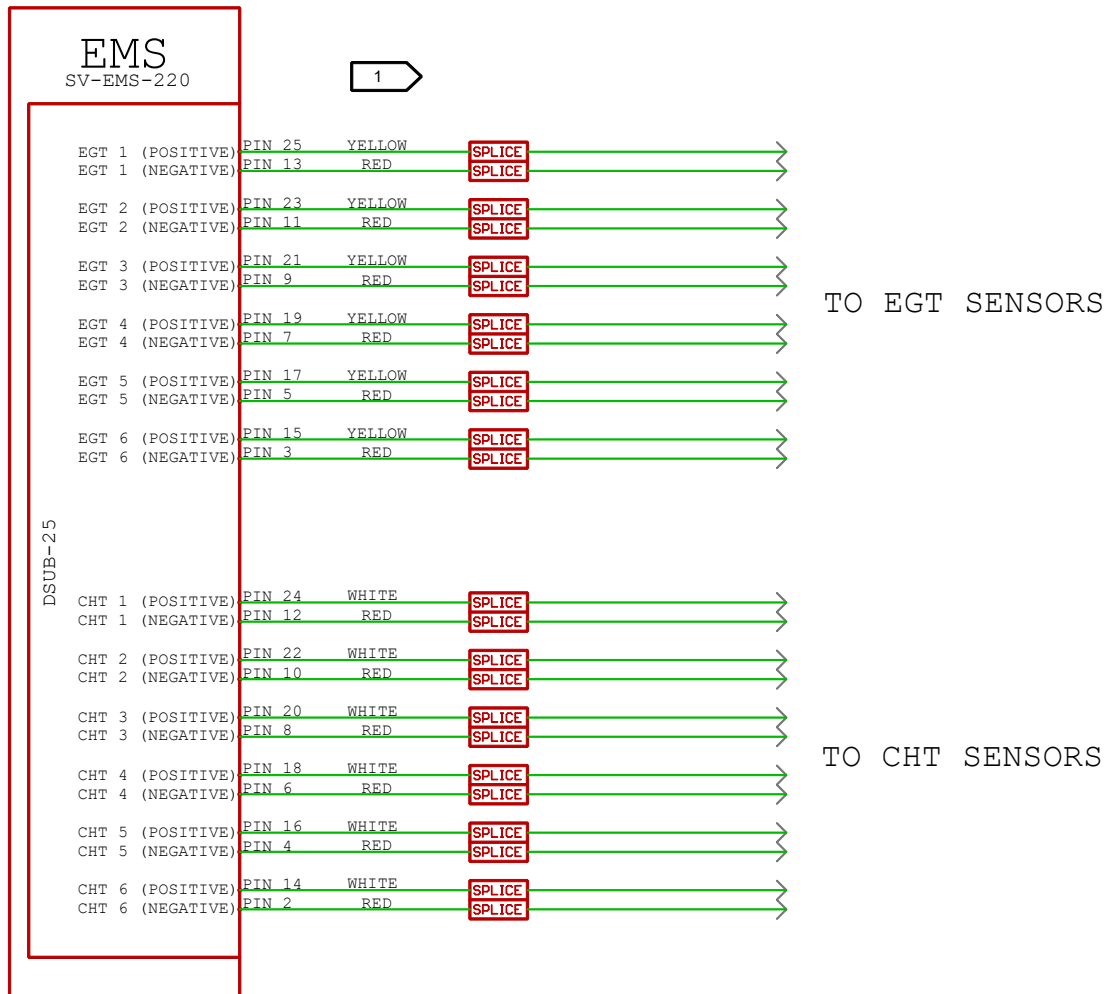
TITLE: SKYVIEW HDX WIRING DIAGRAM - TWIN ENGINE

DOCUMENT NUMBER: 103947-000

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EMS WIRING - THERMOCOUPLES



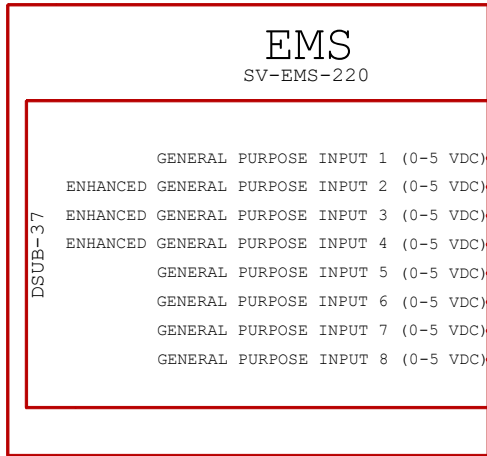
TITLE: SKYVIEW HDX WIRING DIAGRAM - TWIN ENGINE

DOCUMENT NUMBER: 103947-000

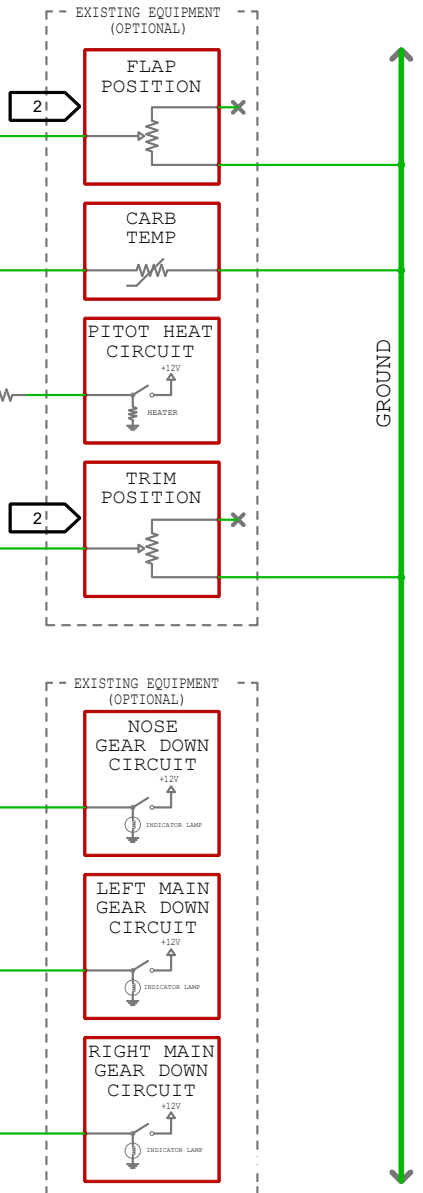
REVISION: D

SHEET: 12 OF 18

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.



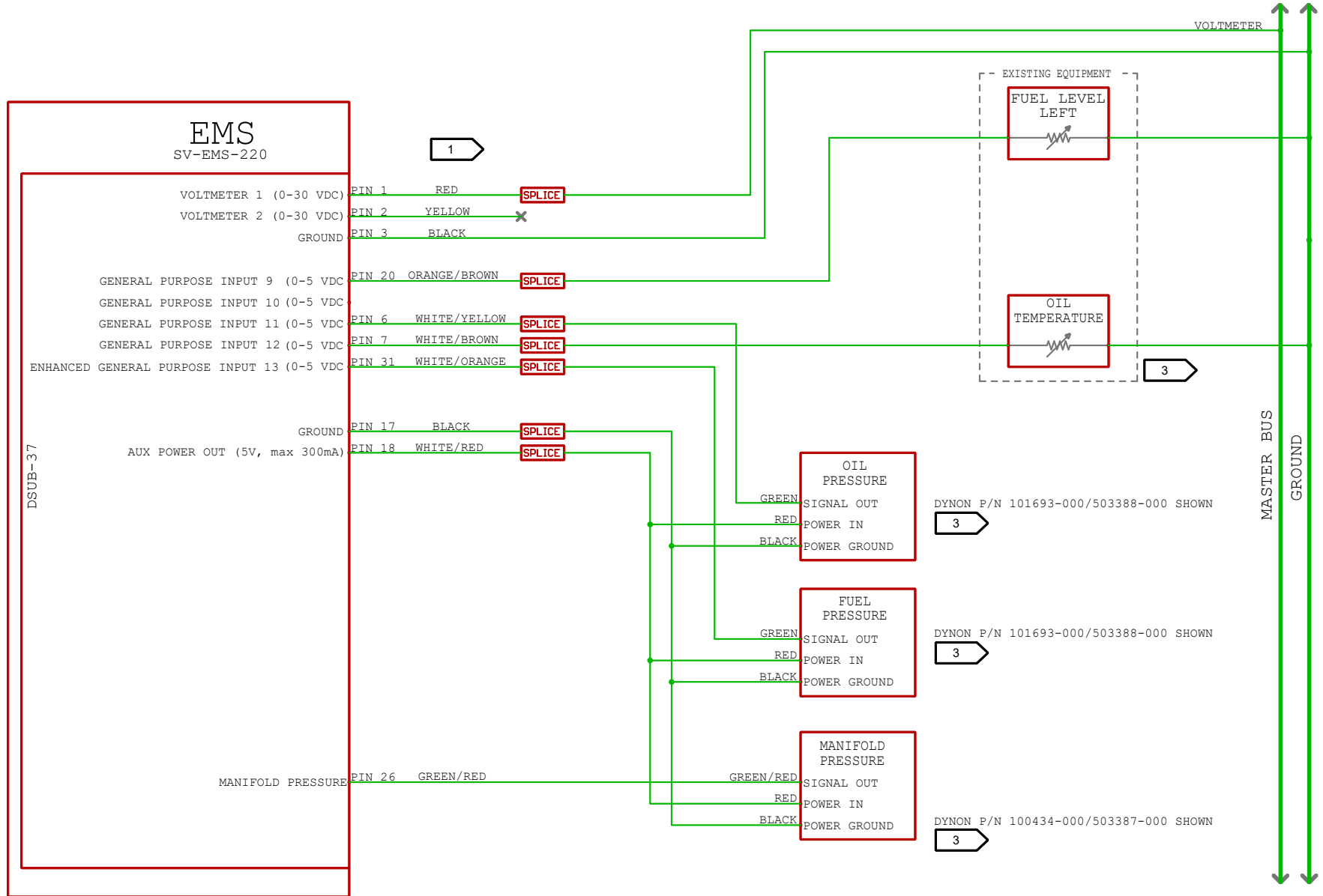
TITLE: SKYVIEW HDX WIRING DIAGRAM - TWIN ENGINE

DOCUMENT NUMBER: 103947-000

REVISION: D

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



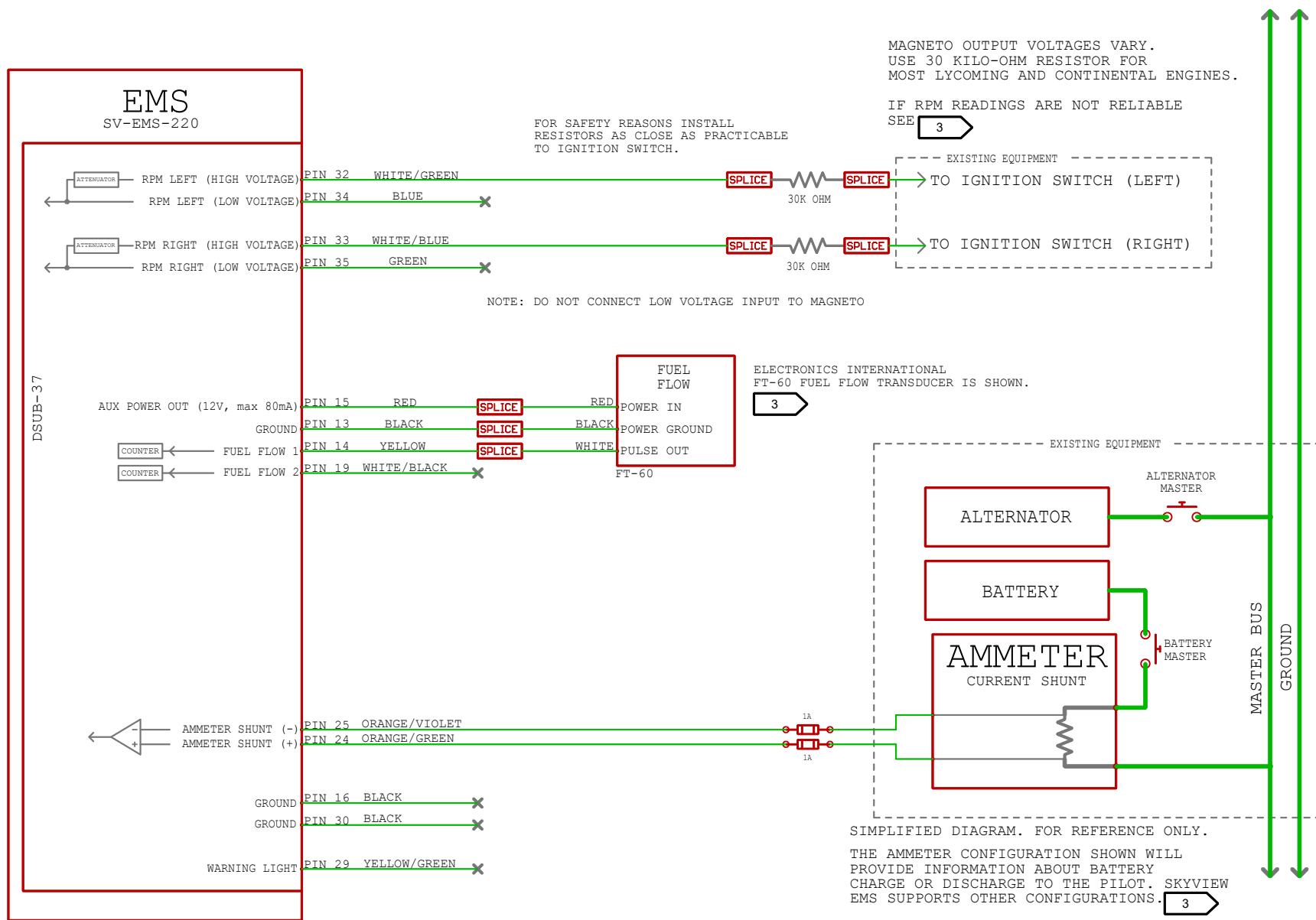
TITLE: SKYVIEW HDX WIRING DIAGRAM - TWIN ENGINE

DOCUMENT NUMBER: 103947-000

REVISION: D

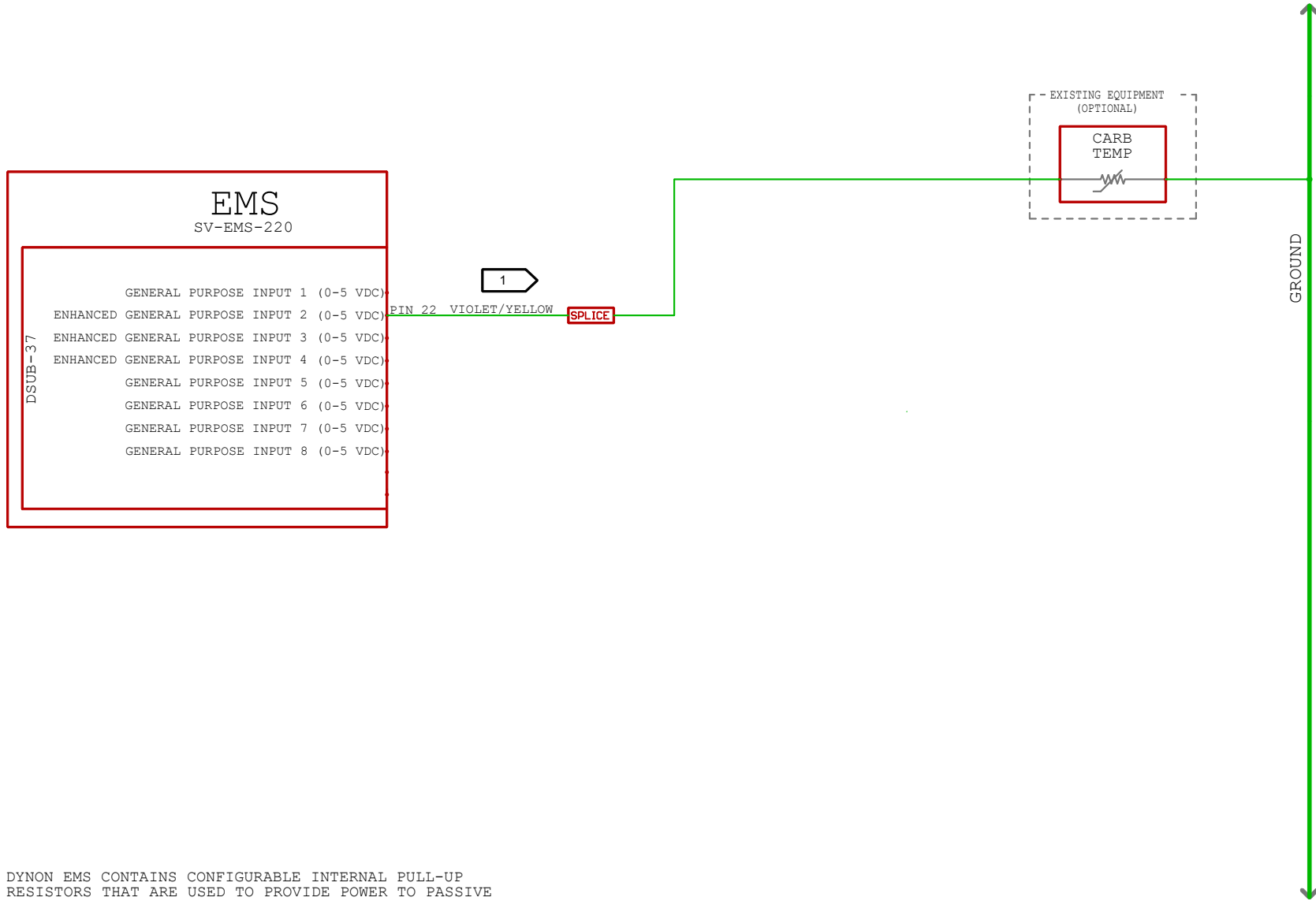
SHEET: 14 OF 18

EMS #1 WIRING - TACH, AMPS, FUEL FLOW



TITLE: SKYVIEW HDX WIRING DIAGRAM - TWIN ENGINE
DOCUMENT NUMBER: 103947-000
REVISION: D
SHEET: 15 OF 18

EMS WIRING #2 - CARB TEMP, FUEL LEVEL



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.



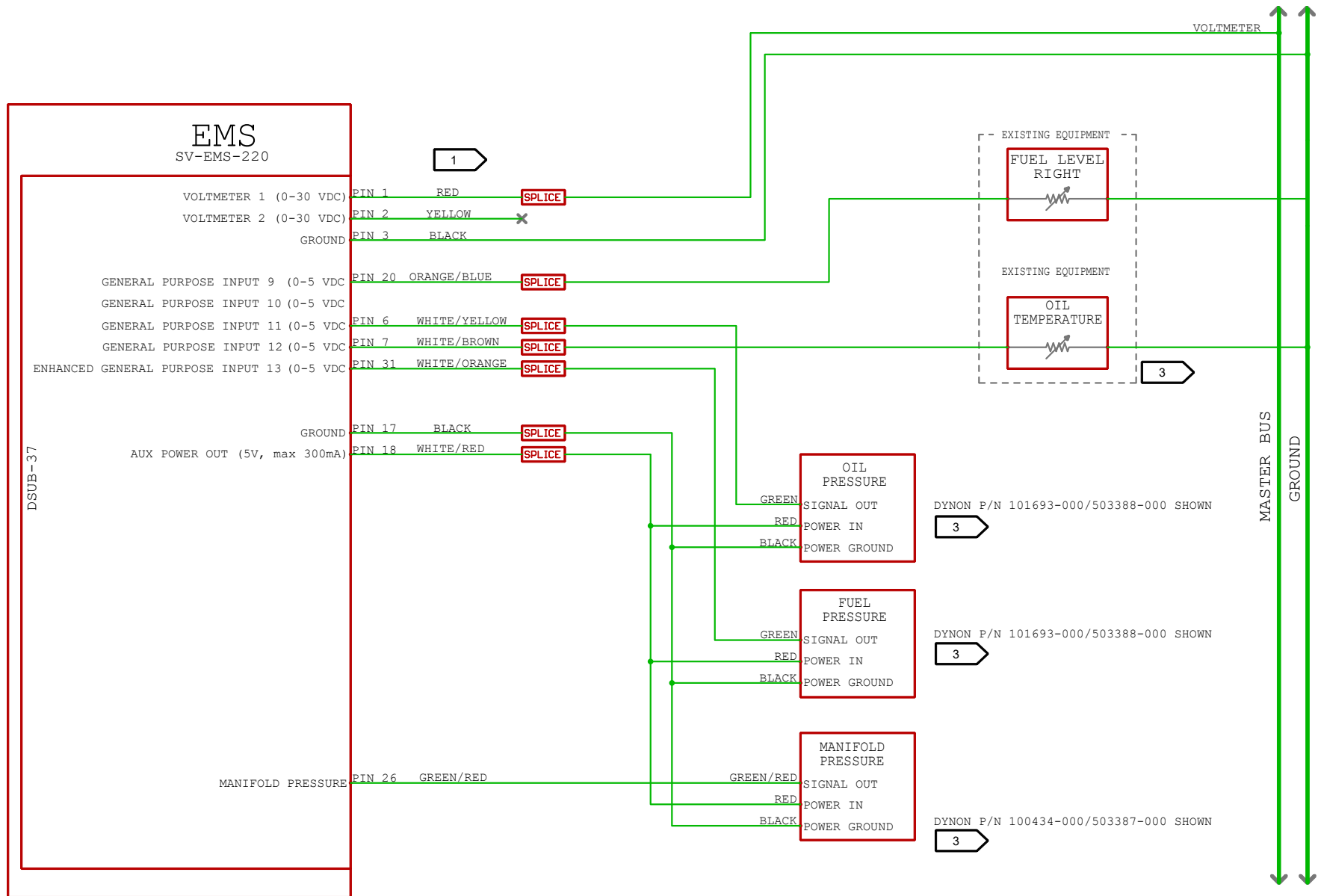
TITLE: SKYVIEW HDX WIRING DIAGRAM - TWIN ENGINE

DOCUMENT NUMBER: 103947-000

REVISION: D

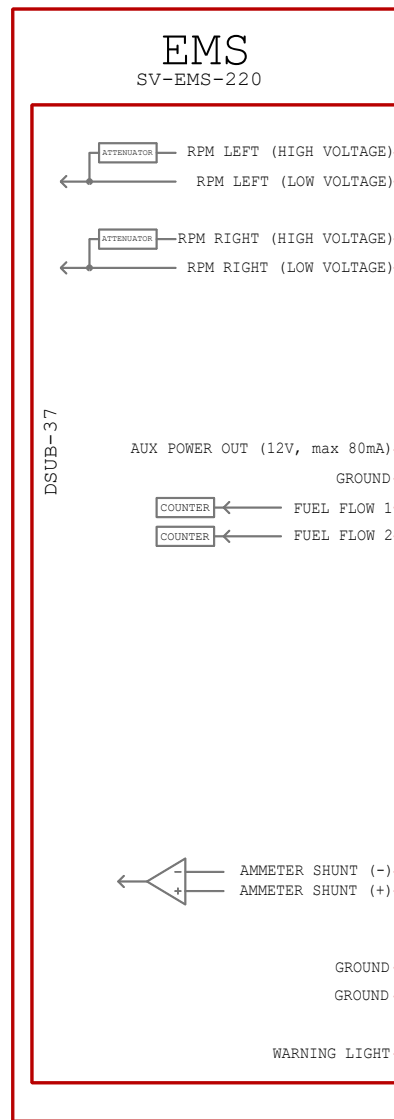
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EMS #2 WIRING - FUEL, OIL, VOLTS, MAP



TITLE: SKYVIEW HDX WIRING DIAGRAM - TWIN ENGINE
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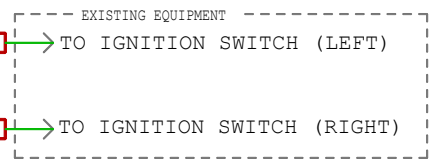
EMS #2 WIRING - TACH, AMPS, FUEL FLOW



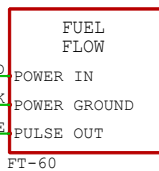
FOR SAFETY REASONS INSTALL RESISTORS AS CLOSE AS PRACTICABLE TO IGNITION SWITCH.

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

IF RPM READINGS ARE NOT RELIABLE SEE **3**

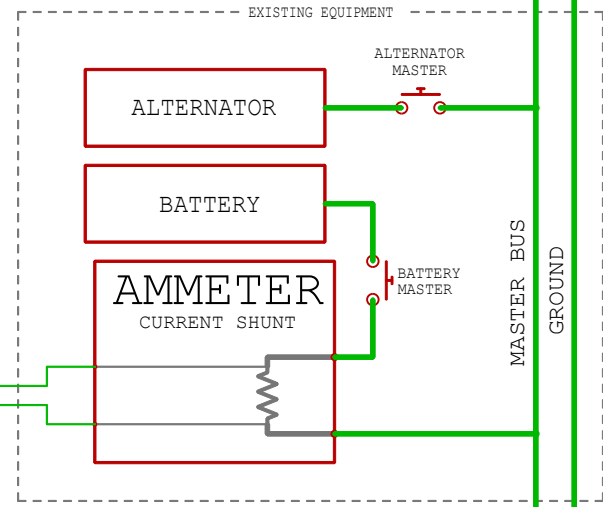


LOW VOLTAGE INPUT CONNECTS TO ELECTRONIC IGNITION



ELECTRONICS INTERNATIONAL FT-60 FUEL FLOW TRANSDUCER IS SHOWN.

SEE **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. SEE **3**



TITLE: SKYVIEW HDX WIRING DIAGRAM - TWIN ENGINE

DOCUMENT NUMBER: 103947-000

REVISION: D

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