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CHANGE HISTORY

REVISION CHANGES

1	Initial draft
2	Added optional engine sensors
3	Name change. Incorporated review comments.
A	Initial release.
B	Added fuses to amps shunt. Position sensors drawn as potentiometers instead of rheostats.

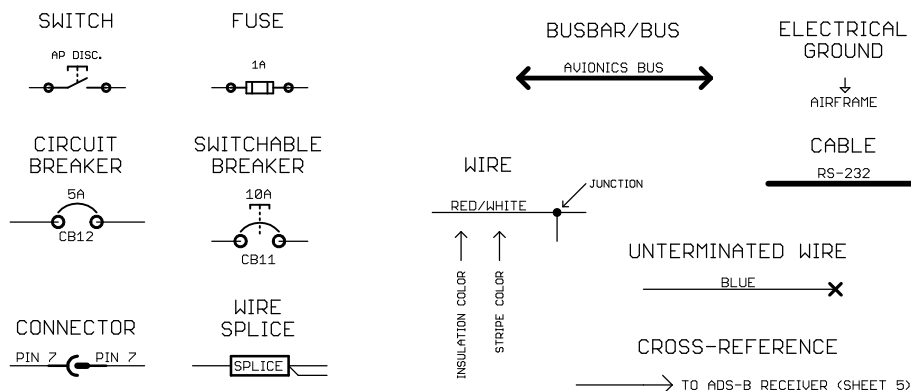
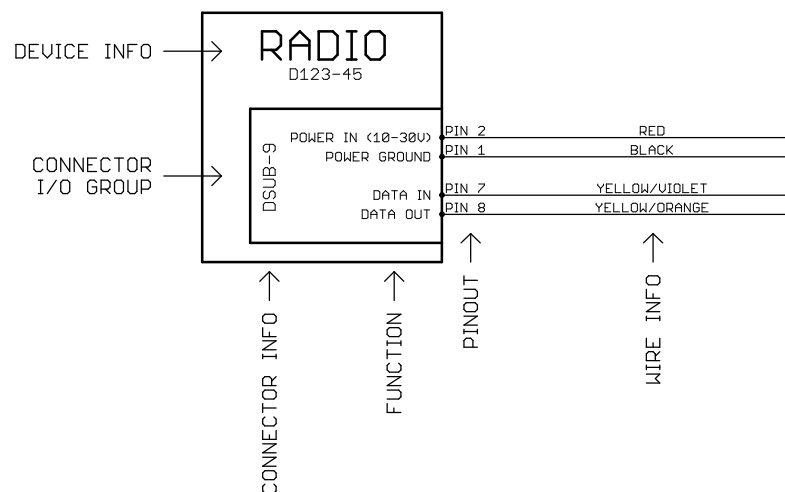
NOTE: THIS DRAWING SHOWS WIRING AND CONNECTION INFORMATION FOR A TYPICAL AIRCRAFT WITH ALL OPTIONAL FEATURES AND TWO DISPLAYS.

SOME ITEMS SHOWN IN THIS DRAWING ARE TO BE CONSIDERED OPTIONAL AND MAY NOT BE APPLICABLE TO A PARTICULAR AIRCRAFT.

CONSULT INSTALLATION MANUAL FOR FURTHER INFORMATION.

LEGEND

EXAMPLE DEVICE



NOTE: If a symbol is not shown in legend an explanation appears on same sheet as symbol.

NOTE: All unterminated wires to be secured against accidental shorts.



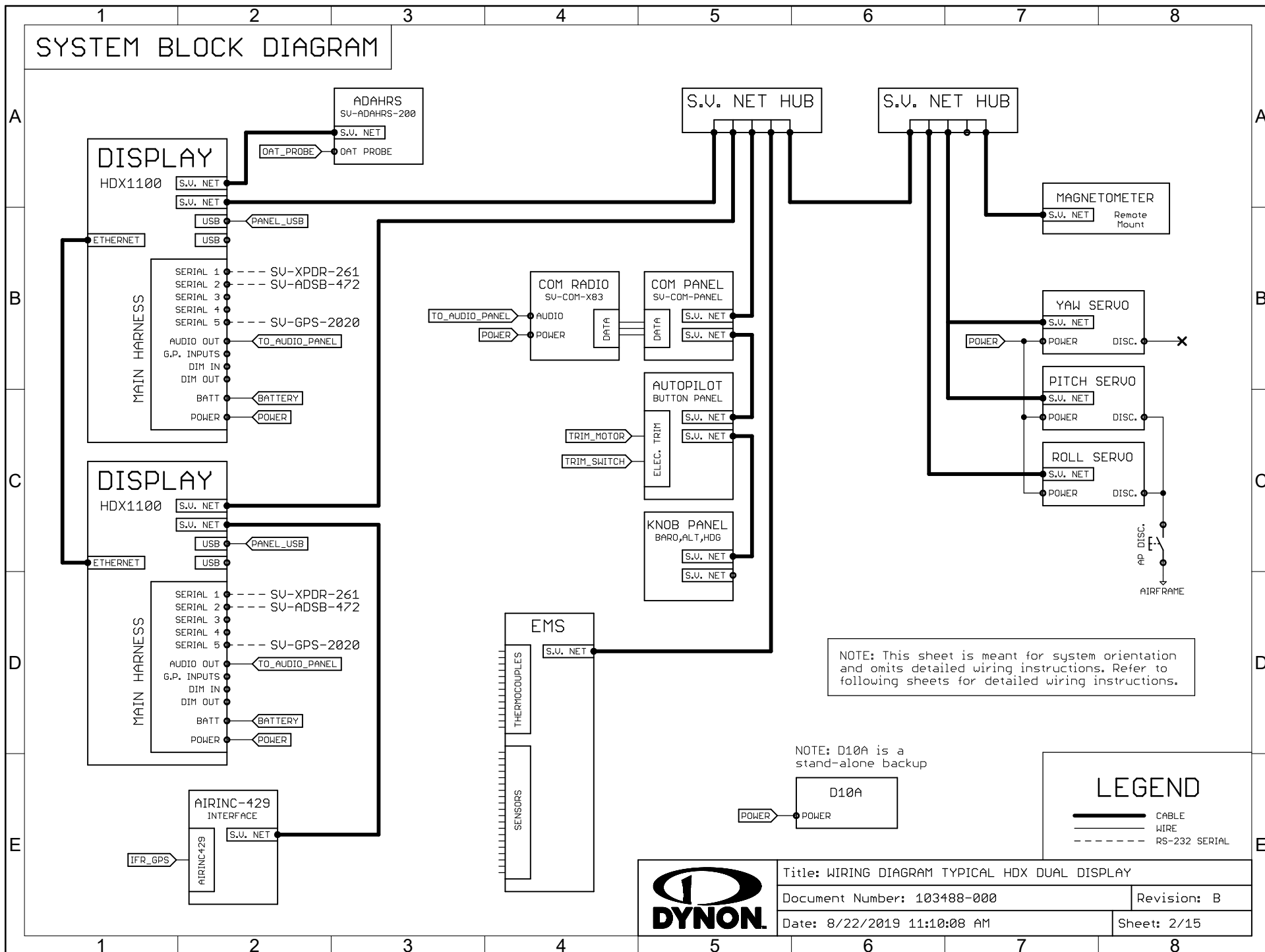
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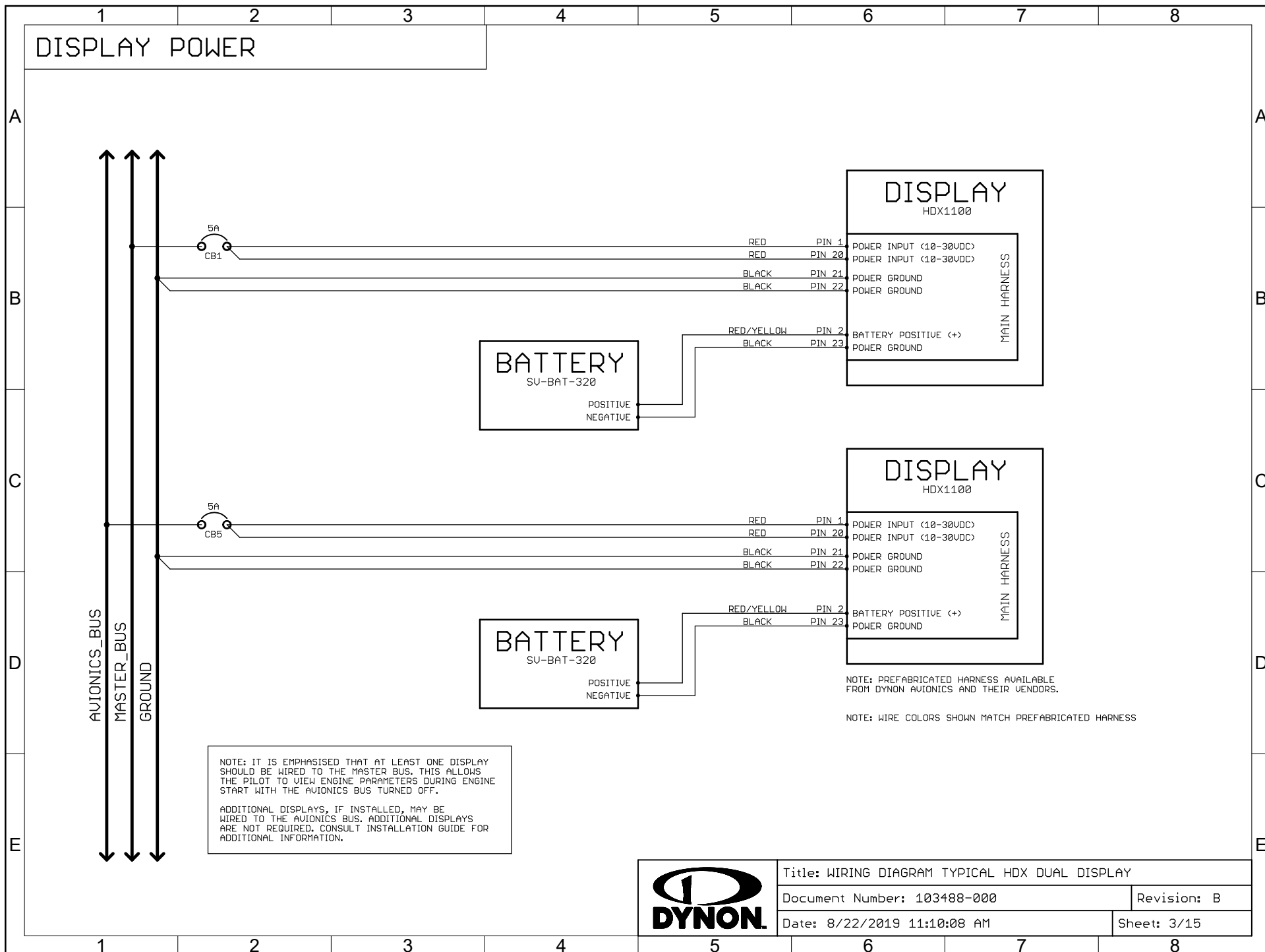
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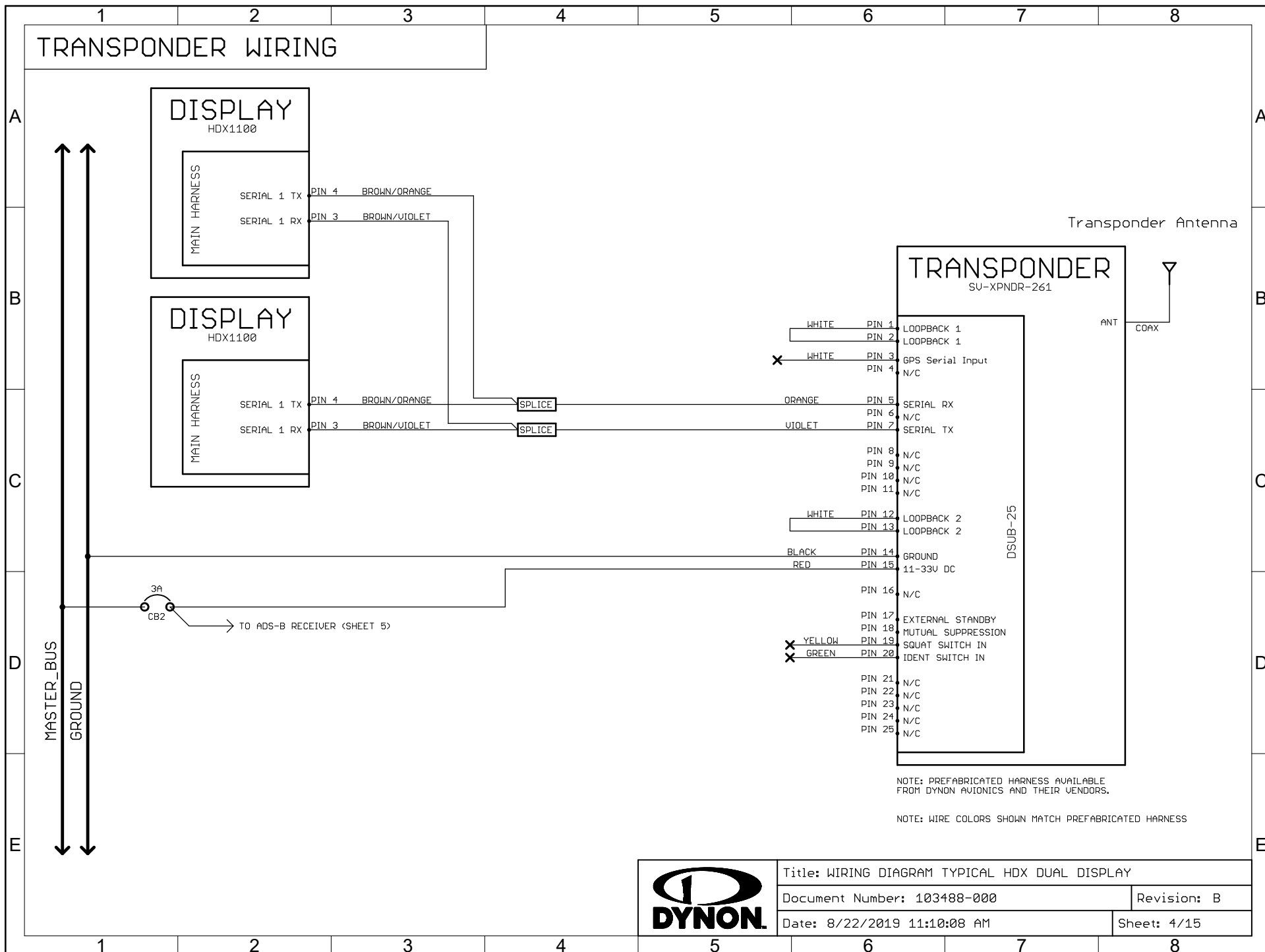
Revision: B

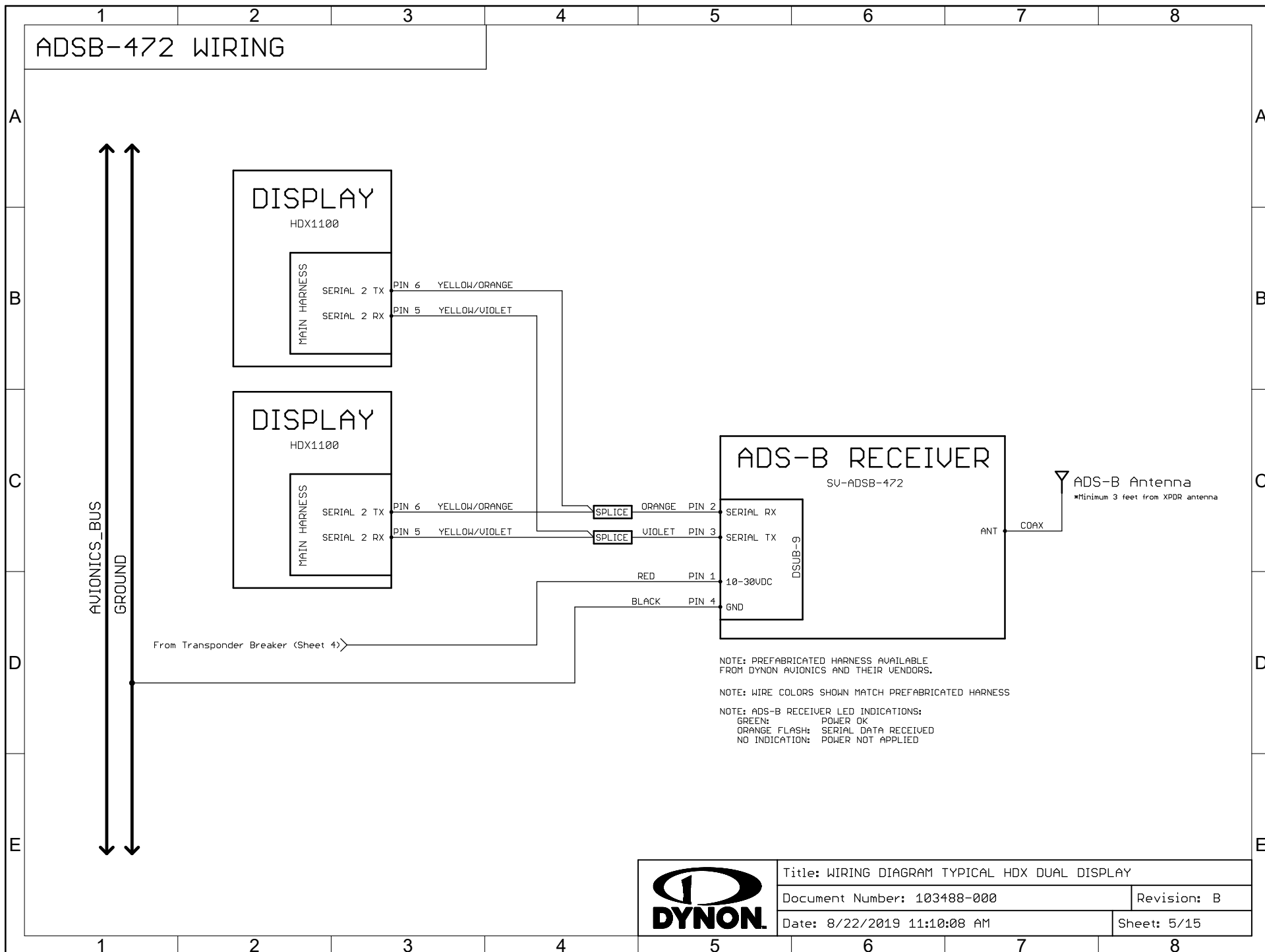
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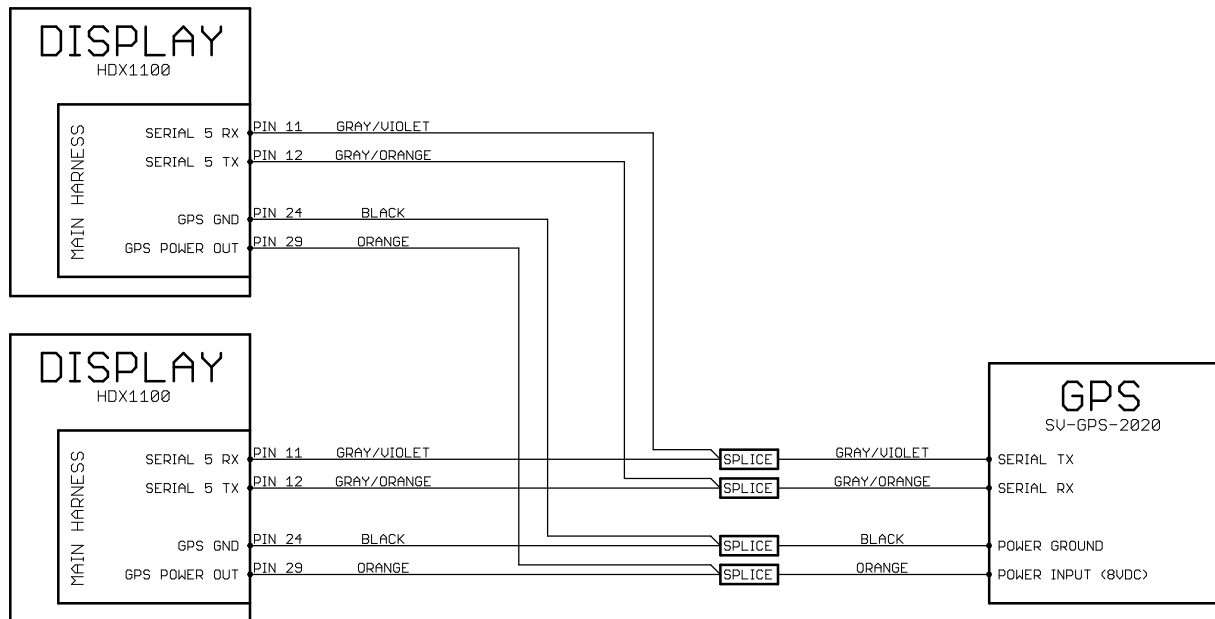








GPS-2020 WIRING



NOTE: PREFABRICATED HARNESS AVAILABLE FROM DYNON AVIONICS AND THEIR VENDORS.

NOTE: WIRE COLORS SHOWN MATCH PREFABRICATED HARNESS



Title: WIRING DIAGRAM TYPICAL HDX DUAL DISPLAY

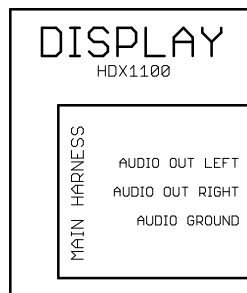
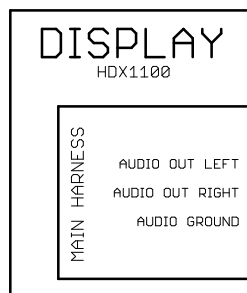
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AUDIO SYSTEM WIRING

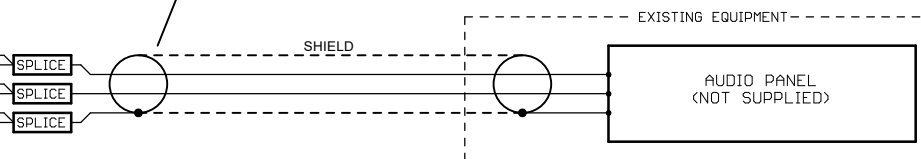


NOTE: PREFABRICATED HARNESS AVAILABLE FROM DYNON AVIONICS AND THEIR VENDORS.

NOTE: WIRE COLORS SHOWN MATCH PREFABRICATED HARNESS

NOTE: DYNON RECOMMENDS USE OF SHIELDED WIRING FOR ALL AUDIO SIGNALS. CONSULT INSTALLATION GUIDE FOR ADDITIONAL ADVICE.

NOTE: 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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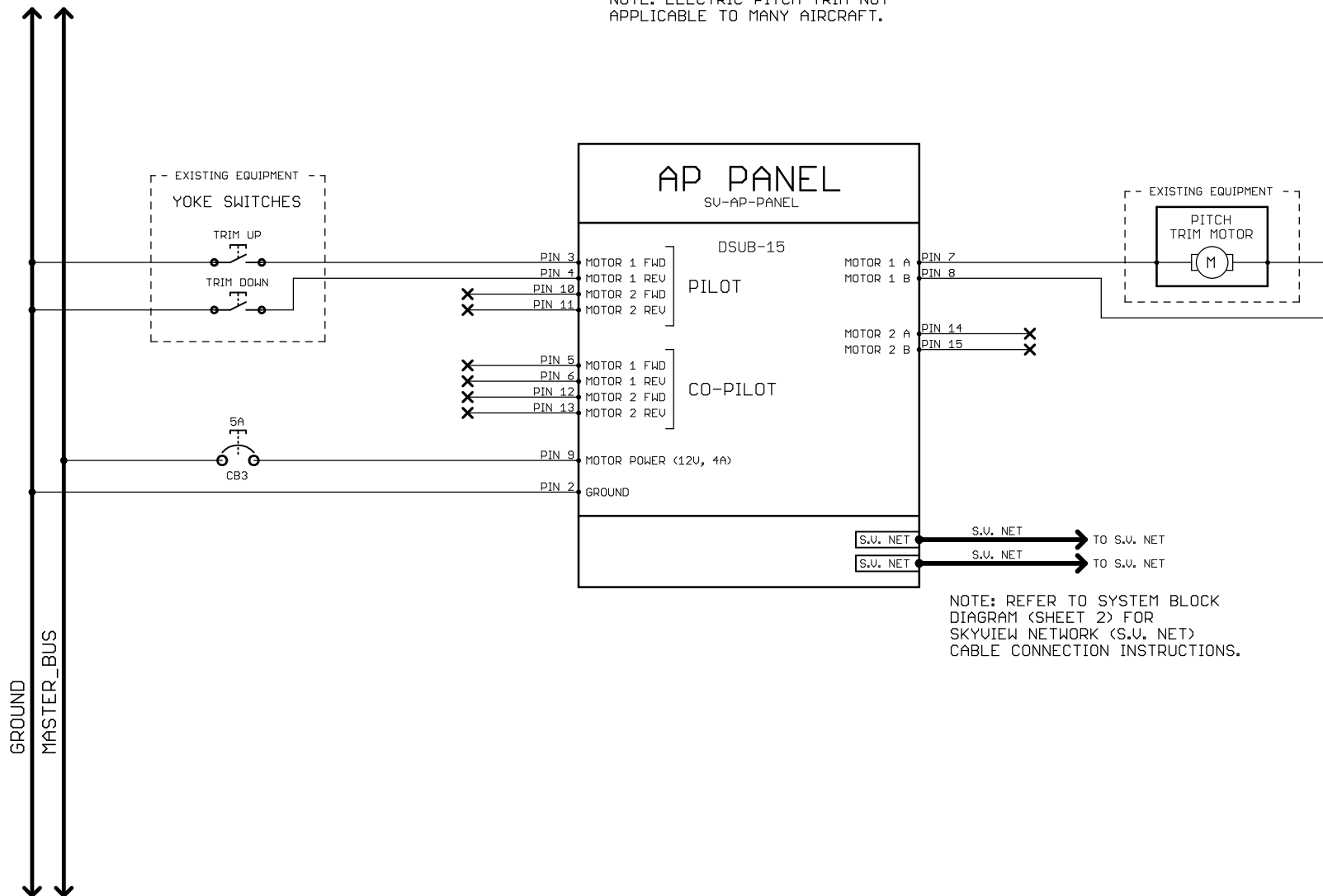
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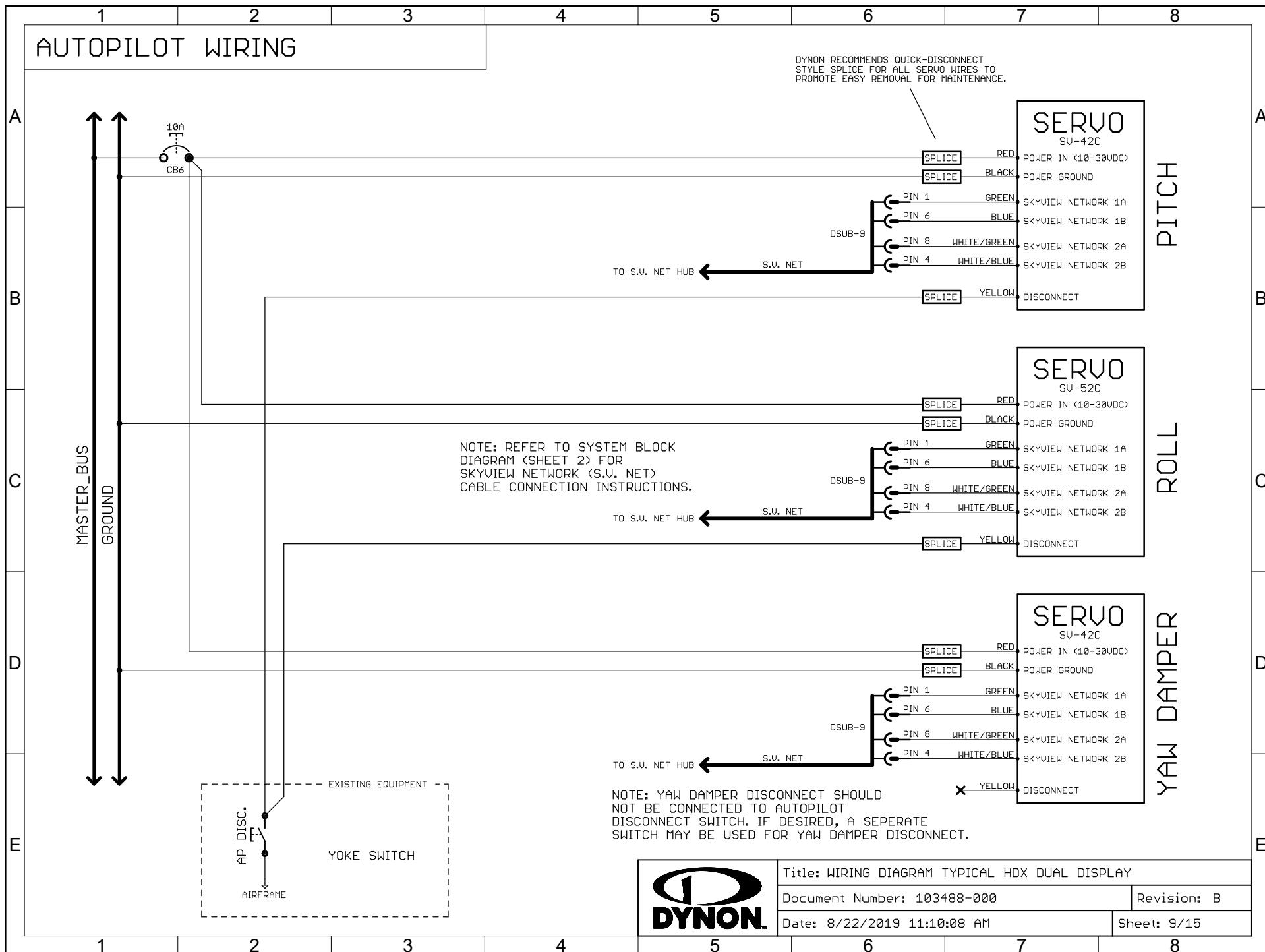
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AUTOPILOT WIRING

NOTE: ELECTRIC PITCH TRIM NOT APPLICABLE TO MANY AIRCRAFT.



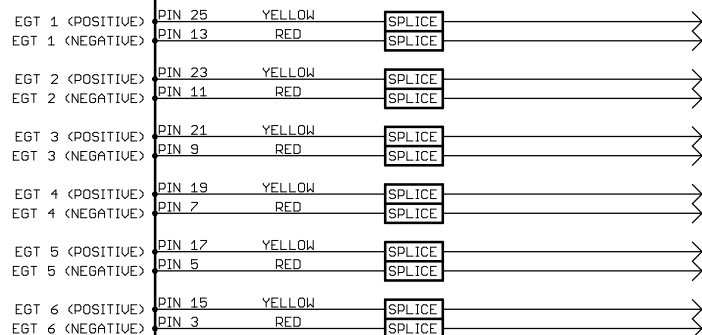
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EMS WIRING - THERMOCOUPLES

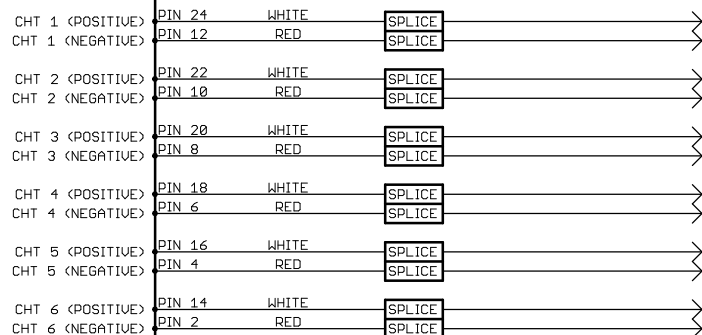
EMS

SU-EMS-220



TO EGT SENSORS

DSUB-25



TO CHT SENSORS

NOTE: FOR ENGINES WITH LESS THAN 6 CYLINDERS DISCONNECT UNUSED PROBES.

NOTE: PREFABRICATED HARNESS FOR 4 AND 6 CYLINDER ENGINES ARE AVAILABLE FROM DYNON AVIONICS AND THEIR VENDORS.

NOTE: WIRE COLORS SHOWN MATCH PREFABRICATED HARNESS



Title: WIRING DIAGRAM TYPICAL HDX DUAL DISPLAY

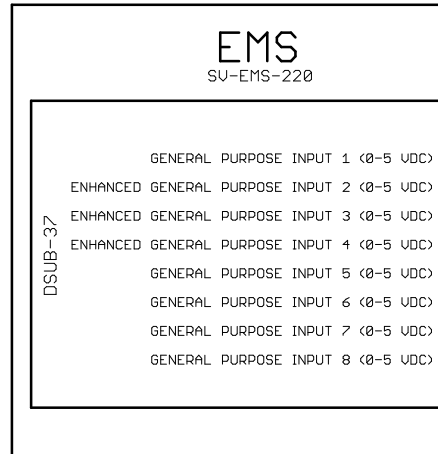
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EMS WIRING - FLAPS, GEAR, CARB, PITOT



NOTE: PREFABRICATED HARNESS AVAILABLE FROM DYNON AVIONICS AND THEIR VENDORS.

NOTE: WIRE COLORS SHOWN MATCH PREFABRICATED HARNESS

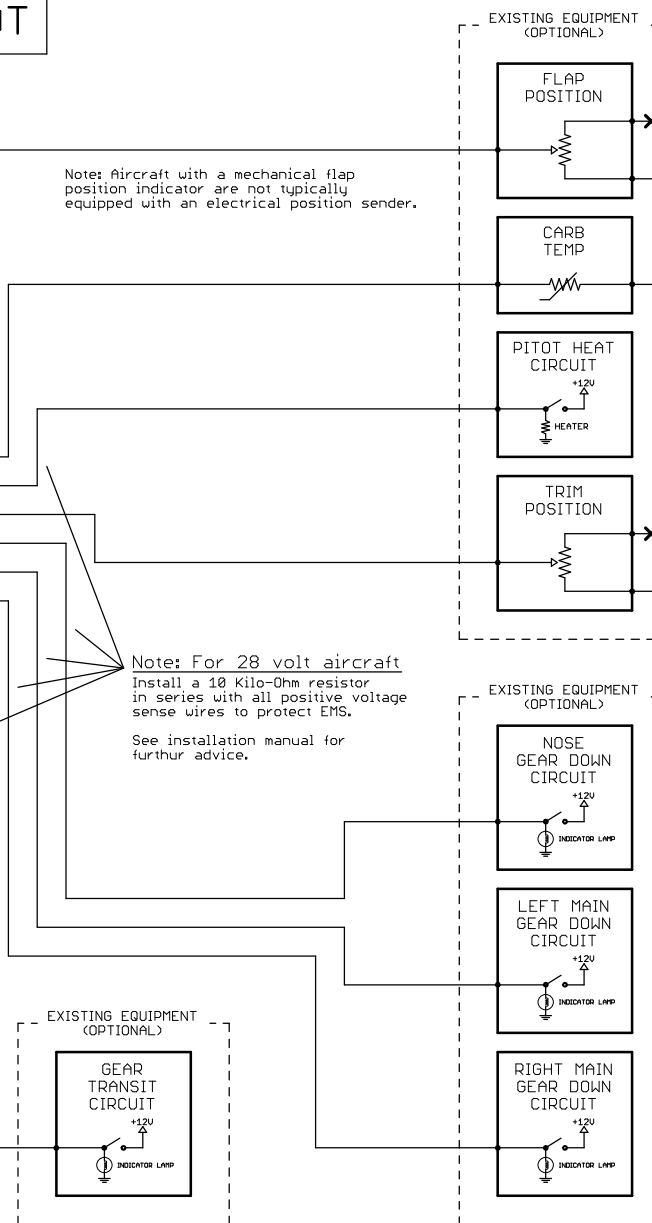
NOTE: DYNON EMS CONTAINS CONFIGURABLE INTERNAL PULL-UP RESISTORS WHICH ARE USED TO PROVIDE POWER TO PASSIVE RESISTIVE SENSORS.

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

ENHANCED INPUTS ALLOW PULL-UP RESISTOR TO BE DISABLED.

Note: Aircraft with a mechanical flap position indicator are not typically equipped with an electrical position sender.

Note: For 28 volt aircraft
Install a 10 Kilo-Ohm resistor in series with all positive voltage sense wires to protect EMS.
See installation manual for further advice.



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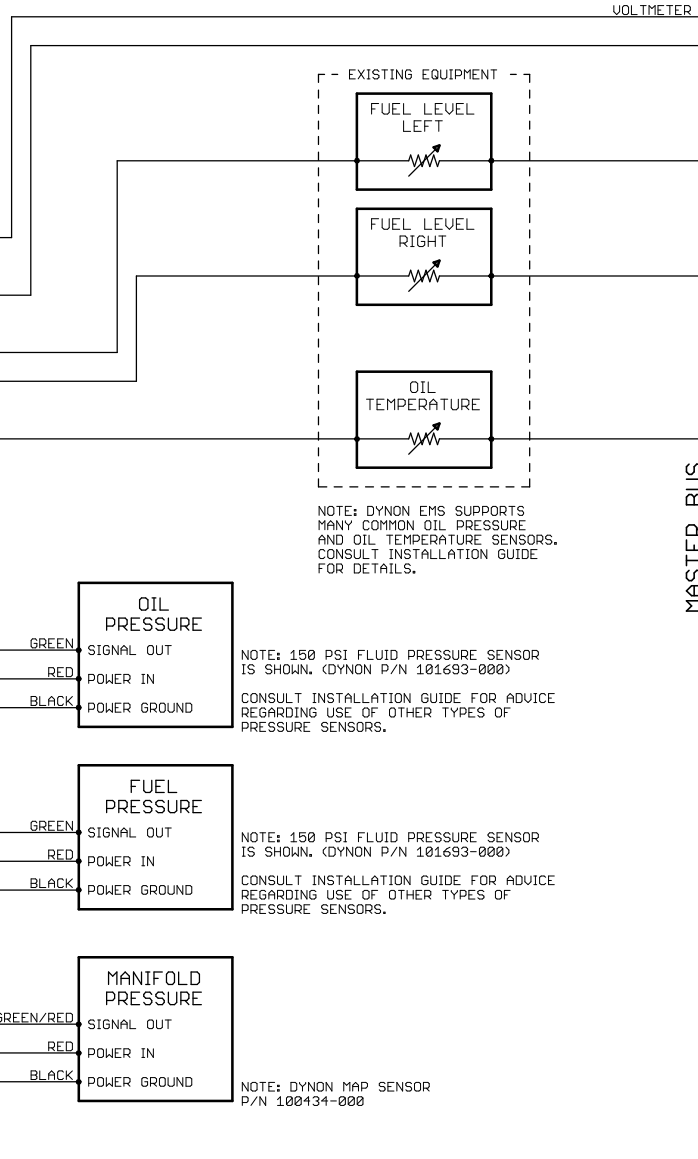
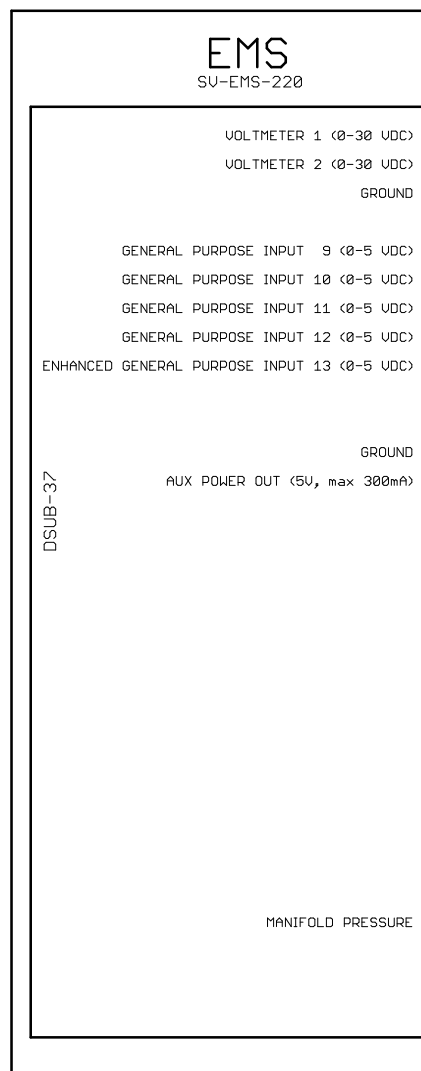
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EMS WIRING - FUEL, OIL, VOLTS, MAP

NOTE: CONSULT SKYVIEW SYSTEM INSTALLATION GUIDE FOR ADVICE REGARDING THE USE OF COMMON SENSOR TECHNOLOGIES WITH SKYVIEW EMS.



NOTE: DYNON EMS SUPPORTS MANY COMMON OIL PRESSURE AND OIL TEMPERATURE SENSORS. CONSULT INSTALLATION GUIDE FOR DETAILS.

NOTE: 150 PSI FLUID PRESSURE SENSOR IS SHOWN. (DYNON P/N 101693-000)
CONSULT INSTALLATION GUIDE FOR ADVICE REGARDING USE OF OTHER TYPES OF PRESSURE SENSORS.

NOTE: 150 PSI FLUID PRESSURE SENSOR IS SHOWN. (DYNON P/N 101693-000)
CONSULT INSTALLATION GUIDE FOR ADVICE REGARDING USE OF OTHER TYPES OF PRESSURE SENSORS.

NOTE: DYNON MAP SENSOR P/N 100434-000

NOTE: PREFABRICATED HARNESS AVAILABLE FROM DYNON AVIONICS AND THEIR VENDORS.

NOTE: WIRE COLORS SHOWN MATCH PREFABRICATED HARNESS



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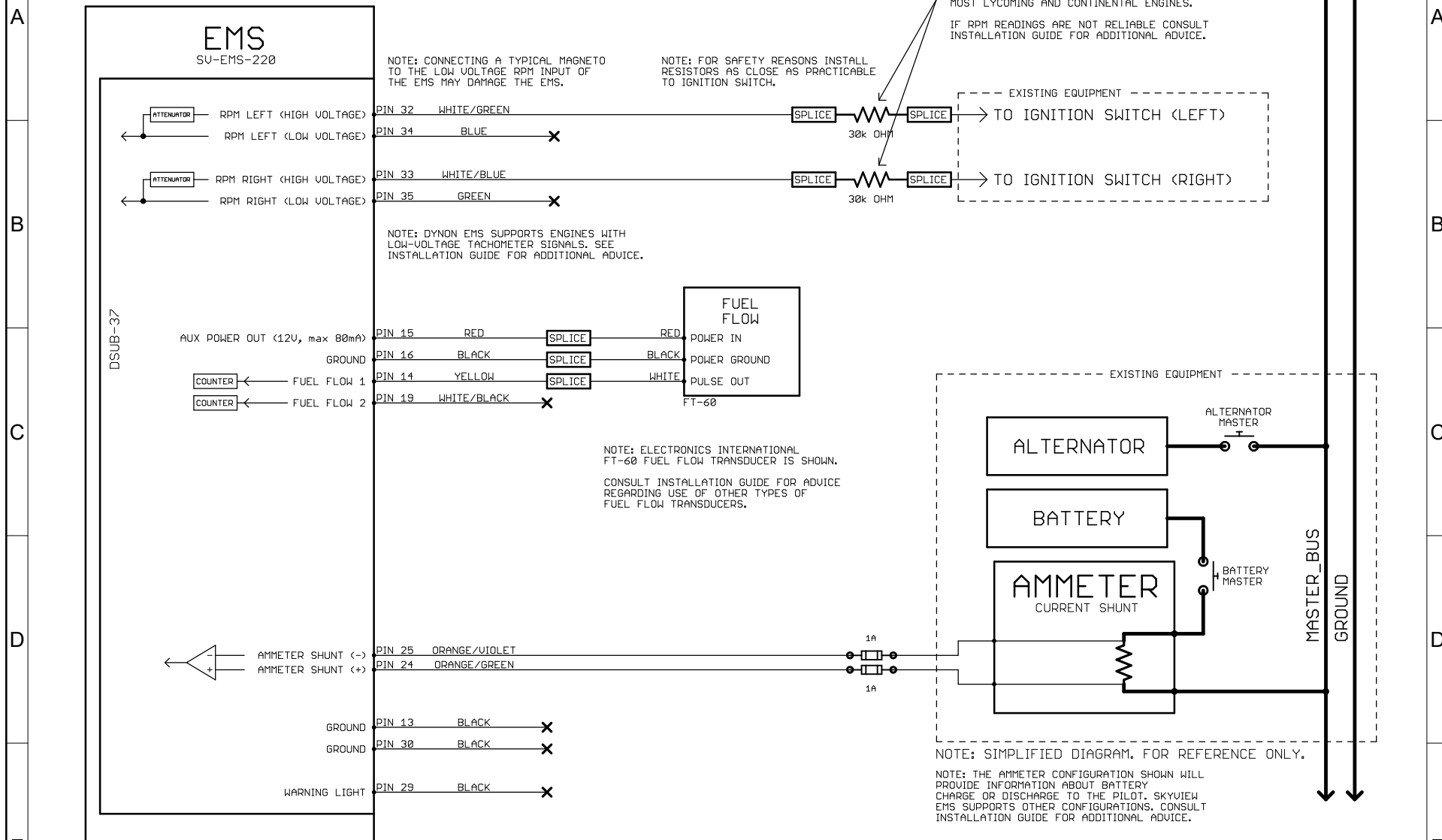
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EMS WIRING - TACH, AMPS, FUEL FLOW



NOTE: PREFABRICATED HARNESS AVAILABLE FROM DYNON AVIONICS AND THEIR VENDORS.

NOTE: WIRE COLORS SHOWN MATCH PREFABRICATED HARNESS



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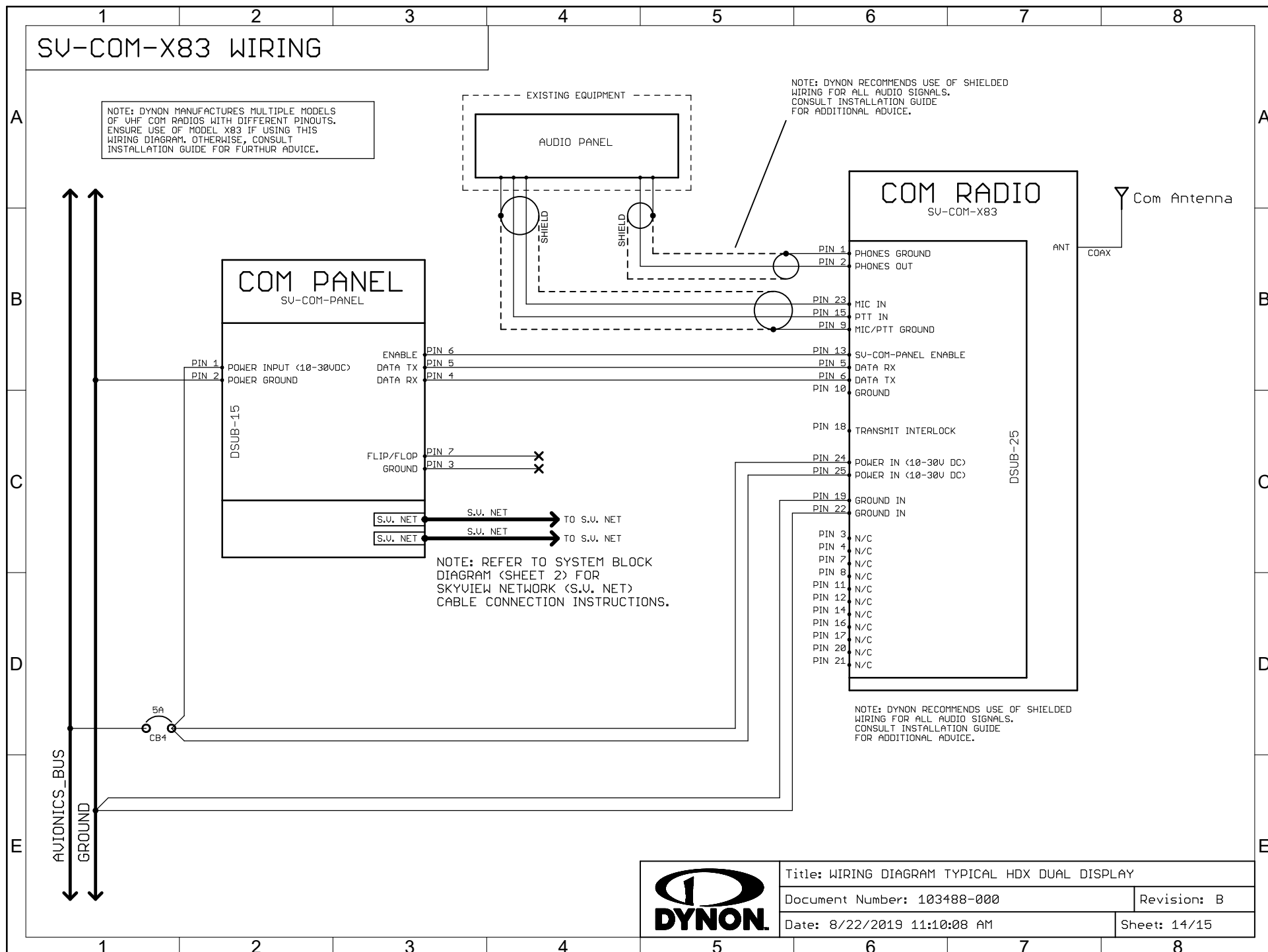
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SU-COM-X83 WIRING

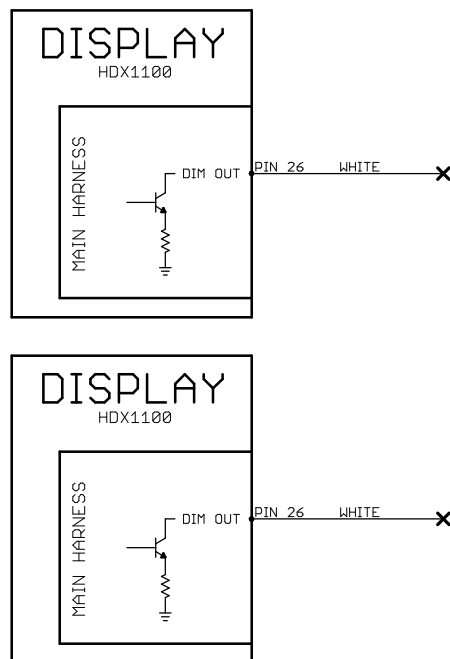
NOTE: DYNON MANUFACTURES MULTIPLE MODELS OF UHF COM RADIOS WITH DIFFERENT PINOUTS. ENSURE USE OF MODEL X83 IF USING THIS WIRING DIAGRAM. OTHERWISE, CONSULT INSTALLATION GUIDE FOR FURTHER ADVICE.

NOTE: DYNON RECOMMENDS USE OF SHIELDED WIRING FOR ALL AUDIO SIGNALS. CONSULT INSTALLATION GUIDE FOR ADDITIONAL ADVICE.



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MISCELLANEOUS



NOTE: When using SkyView to control brightness of external devices, connect the device to only one display. Redundant dimming control is not supported.



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