

SkyView Hub are Male DB9 Connectors

Servos are Female DB9 Connectors

SKYVIEW HUB

AUTOPILOT SERVOS
PITCH, ROLL, AND YAW

GPS
SERIAL 5

MISC INPUTS
CONTACTS, AUDIO OUT

ADS-B RX
SERIAL 2

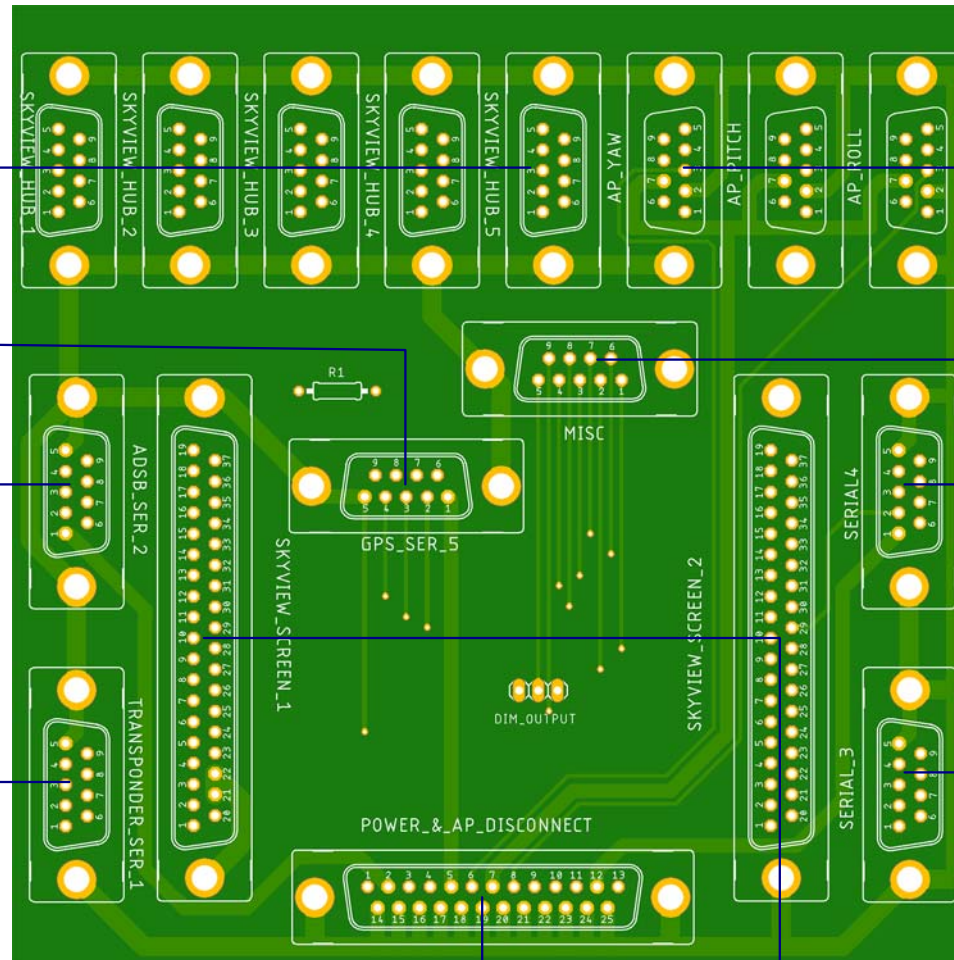
SERIAL 4
SECOND GPS

TRANSPONDER
SERIAL 1

SERIAL 3

POWER CONNECTOR
INCLUDES AUTOPILOT DISCONNECT,
AND REMOTE IDENT

SKYVIEW SCREENS



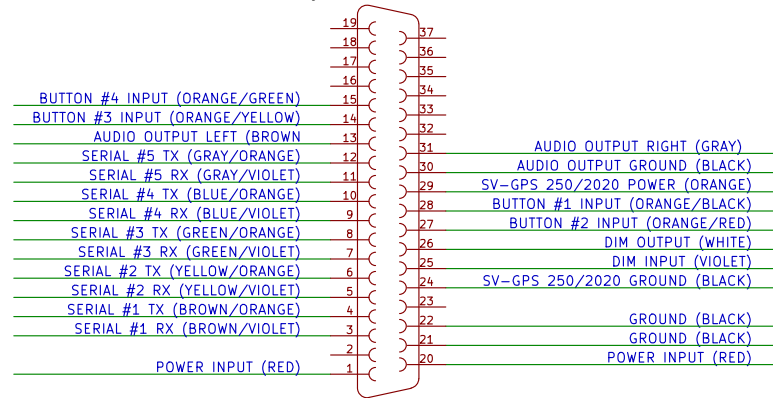
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File: Dynon SkyView Hub Interconnect.sch

Title: SkyView Hub Interconnect Wiring Sheet 1

Size: A Date: 2020-02-05
KiCad E.D.A. eeschema (5.1.2)-2

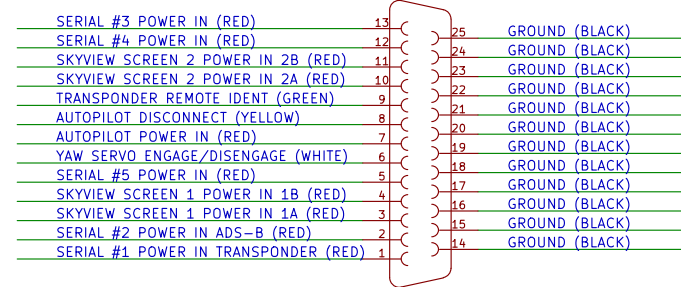
Rev: Original
Id: 1/1

SkyView Screen



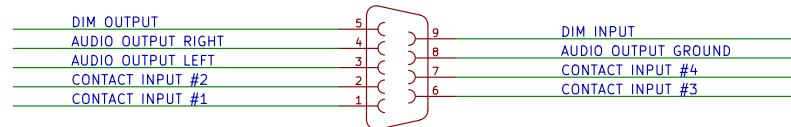
FEMALE

Power, AP, Remote ID



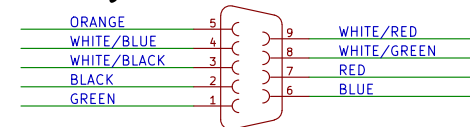
FEMALE

CONTACT INPUTS, AUDIO OUTPUTS, AND DIM IN AND OUT



FEMALE

SkyView Bus Connectors



FEMALE

NOTE 1: All wires 22 gage, but Red and Black Wires on the Power Connector, which are 20 gage.
NOTE 2: All pinouts are looking from the back of the connectors.

2

Sheet: /

File: Dynon SkyView Hub Interconnect Sheet 2.sch

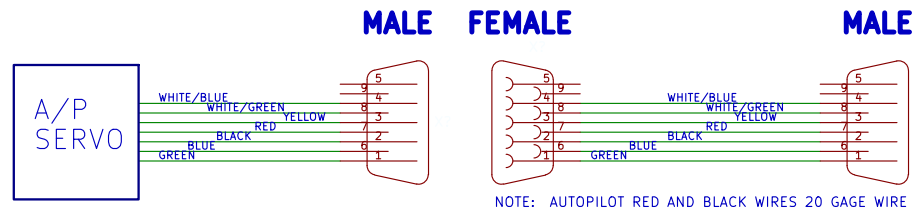
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Size: A Date: 2020-02-19

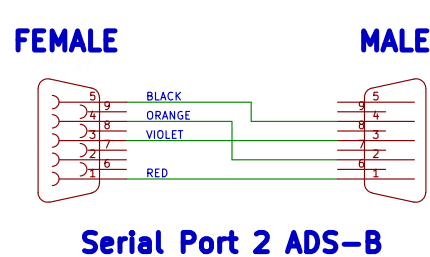
KiCad E.D.A. kicad (5.1.2)-2

Rev: Revision 1

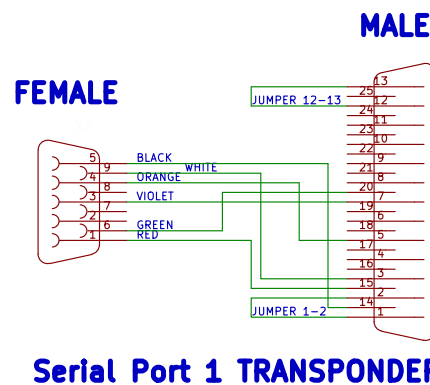
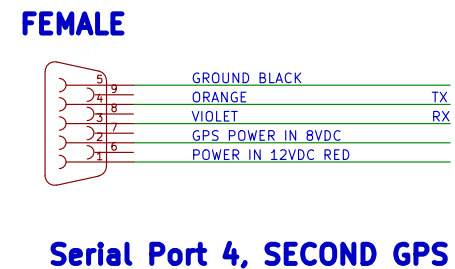
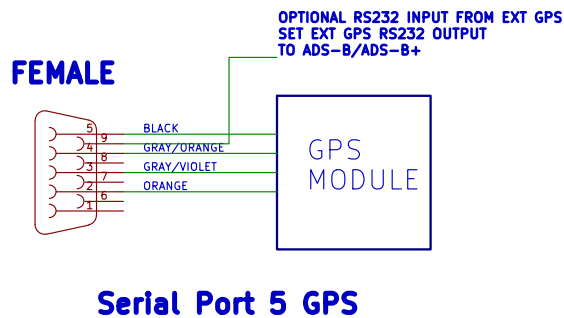
Id: 1/1



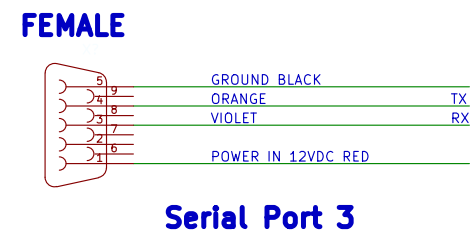
SERVO AND AUTOPILOT EXTENTION HARNESS



SV-ADSB-470/472



SV-TRANSPONDER-261



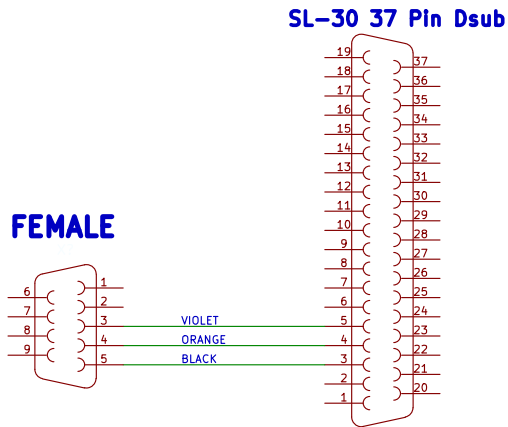
Note:
Orange SkyView Serial TX
Violet SkyView Serial RX

Sheet: /
File: Dynon SkyView Hub Interconnect Sheet 3.sch

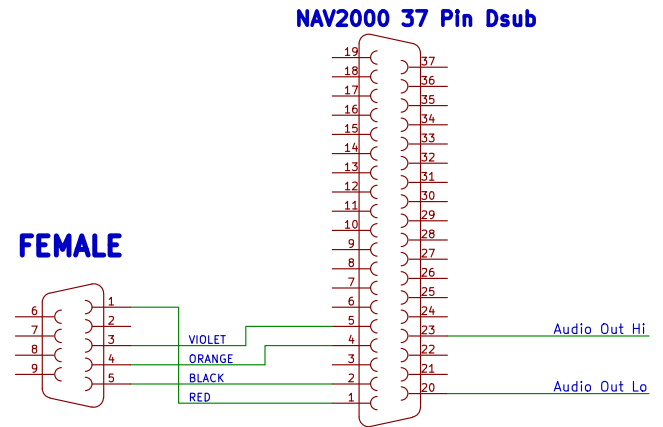
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Size: A Date: 2022-02-15
KiCad E.D.A. eeschema (5.1.2)-2

Rev: ORIGINAL
Id: 1/1

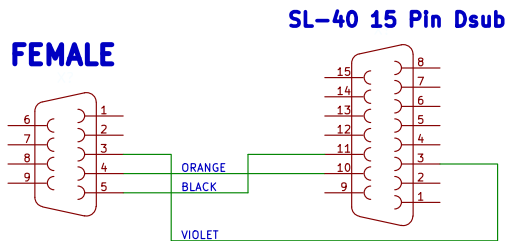


Serial Port to Garmin SL-30

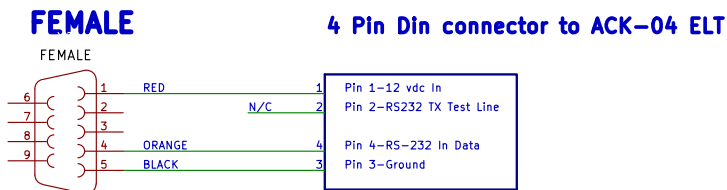


Serial Port to VAL NAV2000

Connect NAV Power either through the board, Serial #3 or #4 depending which port you plug into, or directly to the 37 Pin Dsub.



Serial Port to Garmin SL-40



Serial Port to ACK-04 ELT

Note:
Orange SkyView Serial TX
Violet SkyView Serial RX

Sheet: /

File: Dynon SkyView Hub Interconnect Sheet 4.sch

Title: SkyView Hub Interconnect Wiring Sheet 4

Size: A Date: 2021-11-23

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Rev: ORIGINAL

Id: 1/1

Shopping List

From Dynon

SV-NET-30CP Network Cable – 30' long Aircraft Grade Tefzel® Wiring

Note, cut the 30' to each of the required lengths, and you might need a little more network cable, but start with longest runs first, like the autopilot servos, and ADHARS, then the short ones.

From Stein Air

2 each SA-1011 Male DB9

2 each SA-DB9MN Male DB9 with 4/40 lugs

24 each SA-1012 Female DB9

28 each SA-1020 DB9 Hood

2 each SA-1030 DB15 Hood

1 each SA-1016 Female DB25

4 each SA-1019 DB25 Hood

2 each SA-1031 Female DB37

2 each SA-1032 DB37 Hood

36 each SA-TS Thumbscrew

2 each SA-1018 Male Pins Bag of 25 pins

12 each SA-1017 Female Pins Bag of 25 pins

Wire

You can get what you need from Stein Air or Aircraft Spruce

You will need the following wire if you want to follow my diagrams.

22 Gage Orange

22 Gage Violet

22 Gage Yellow

22 Gage White

20 Gage Red

20 Gage Black