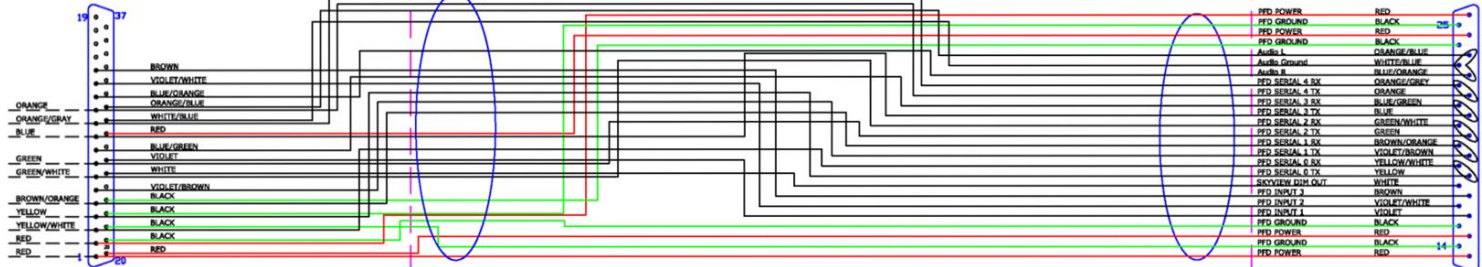
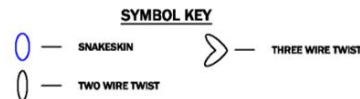


MANUFACTURER'S DESIGN



- CONSTRUCTION NOTES**
1. ALL WIRES SHALL BE 22 AWG TEFLON COATED
 2. TWISTED WIRES SHALL HAVE 8-10 TWISTS PER INCH
 3. HEATSHRINK SHALL BE USED TO TERMINATE THE SNAKESKIN AT THE BASE OF EACH D-SUB CONNECTOR

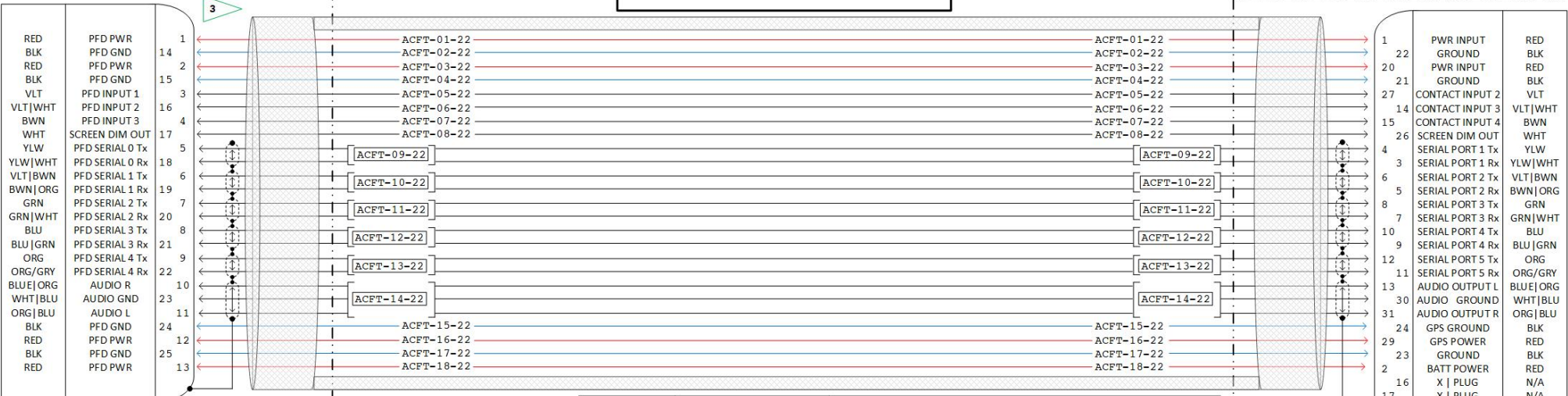


*** DO NOT USE IN AN AIRCRAFT *** THIS IS ONLY A REPRESENTATION OF WIRE DIAGRAM DRAWING CAPABILITIES AND IS NOT AN ACTUAL TESTED AND RELEASED ENGINEERING DRAWING *** DO NOT USE IN AN AIRCRAFT ***

FLIGHT DECK
101, INSTRUMENT PANEL

AFTER REDESIGN

DISTRIBUTION BOX
201, WIRING PANEL



Davidson Avionics THE Avionics Systems Engineer				
ISSUE DATE	SIZE	PROJECT	DRAWING NO.	REV.
01/01/2023	A3 (11 x 17)	EXAMPLE	EXAMPLE-SYSTEM-01	N/A
CREATED BY ERIC DAVIDSON	COMPANY TITLE YOUR COMPANY PLT/CPLT PFD TO WIRE DISTRIBUTION BOX		SHEET 1 OF 1	

WIRE LABEL	SYMBOLS	FLAG NOTES
LOC-NO-AWG COLOR CODE	TWISTED SHIELDED WIRE (P/T/Q)	1 SPOT-TIE AND INSTALL SNAKESKIN OVERBRAID. USE HEATSHRINK AT THE BASE OF THE D-SUB CONNECTOR.
BLK - BLACK WHT - WHITE RED - RED ORG - ORANGE YLW - YELLOW	PRE-EXISTING WIRING	2 ALL TWISTED WIRES SHALL USE M22750-22TG2T14 AND M22750-22TG3T14 AND SHALL BE GROUNDED TO THE BACKSHELL USING SHIELD SPLICES S02-08-R-90.
GRN - GREEN BLU - BLUE VLT - VIOLET BWN - BROWN GRY - GREY	CAP & STOW WIRE	3 ALL SINGLE WIRES SHALL USE M22759/11-22-9. RED-PWR; BLU-GND; GRN-ETHERNET; ORG-THERMOCOUPLE.
	SPLICE	4 HARNESS MANUFACTURE SHALL MEET NASA 8739.4A AND SOLDERING SHALL MEET J-STD-001 STANDARDS.
	120Ω CAN IL RESISTOR	