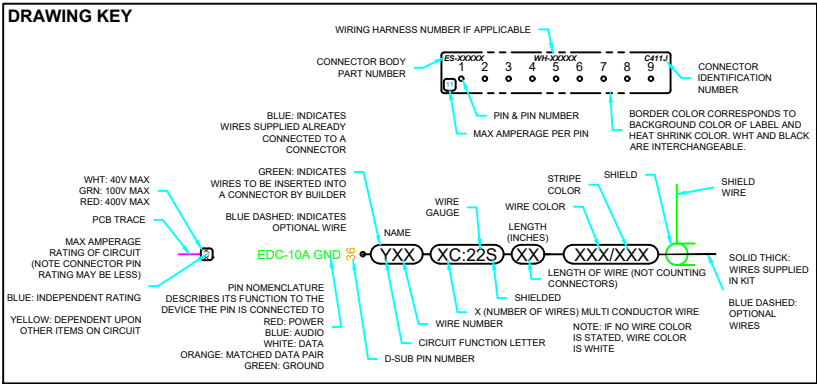


CIRCUIT LETTER FUNCTION	
LETTER	CIRCUITS
C	CONTROL SURFACE
D	INSTRUMENT
E	ENGINE INSTRUMENT
F	FLIGHT INSTRUMENTS
H	HEATING VENTILATING
J	IGNITION
K	ENGINE CONTROL
L	LIGHTING
P	POWER CONTROL
Q	FUEL
R	RADIO
RZ	HEADPHONE
T	SPECIAL ELECTRONIC
TC	RADIO CONTROL
TD	AIRBORNE ANNOUNCING
TP	BEACON
TQ	TRANSMITOR RECEIVER
W	WARNING EMERGENCY



GARMIN GTN 650Xi INTERNAL PRESETS

AIRINC 429 CONFIGURATION

- AIRINC 429 IN 1	LOW	EFIS FORMAT 2
- AIRINC 429 IN 2	LOW	OFF
- AIRINC 429 OUT 1	LOW	GARMIN 429
- AIRINC 429 OUT 2	LOW	OFF
- SDI		LNAV 1

RS-232 CONFIGURATION (CHANNEL, INPUT, OUTPUT)

- RS-232 1	MAPMX FORMAT 2	MAPMX FORMAT 2
- RS-232 2	OFF	ADS-B+ FORMAT 1
- RS-232 3	OFF	OFF
- RS-232 4	CONNECT FORMAT 2	CONNEXT FORMAT 2

MAIN SYSTEM CONFIGURATION

- AIRFRAME TYPE	FIXED-WING
- AIR/GROUND THRESHOLD	30KT
- AIR/GROUND DISCRETE	ACTIVE FOR AIRBORNE
- GPS ANT. HEIGHT ABOVE GND	4FT
- GPS SELECT	AUTO
- HEADING SRC INPUT	CONNECTED
- RADIO ALTIMETER INPUT	NOT CONNECTED
- ALTITUDE SRC INPUT	CONNECTED
- ENHANCED LIGHTING MODE	ENABLED
- CROSSFILL STATUS ALERT	DISABLED
- SYSTEM ID	GTN 1
- DATABASE SYNC	PILOT CONTROL
- AIRSPACE LABELS	ENABLED
- CHECKLIST PAGE TITLE	CHECKLIST
- ENHANCED LIGHTING MODE	ENABLED

COM CONFIGURATION

- COM RADIO	ENABLED
- COM SQUELCH MODE	BASIC
- COM RX SQUELCH	0%
- MIC 1 GAIN	+12DB
- SIDETONE SOURCE	EXTERNAL
- SIDETONE VOLUME	+26DB

VOR/LOC/GS CONFIGURATION

- NAV RADIO	ENABLED
- AIRINC 429 CONFIGURATION	TX LOW SDI VOR/ILS 1

DISCRETE INPUTS

- J1001-36	REMOTE GO AROUND
------------	------------------

ENHANCED LIGHTING

SOURCE SETTINGS

- DISPLAY SOURCE	LIGHTING BUS 1
- KEYS SOURCE	LIGHTING BUS 1
- LIGHTING BUS 1	14V DC 1 SEC

DAY MODE OPERATION

DISPLAY

- MINIMUM LEVEL	0.05%
- MAXIMUM LEVEL	100.00%

CONFIGURE CURVE

- VERTEX 1 INPUT LEVEL	1.00%
- VERTEX 1 OUTPUT LEVEL	1.00%
- VERTEX 2 INPUT LEVEL	8.00%
- VERTEX 2 OUTPUT LEVEL	1.00%
- VERTEX 3 INPUT LEVEL	88.00%
- VERTEX 3 OUTPUT LEVEL	100.00%
- VERTEX 4 INPUT LEVEL	99.00%
- VERTEX 4 OUTPUT LEVEL	100.00%

PHOTOCELL OVERRIDE

- PHOTOCELL TRANSITION	10.0%
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KEYS

- MINIMUM LEVEL	1.00%
- MAXIMUM LEVEL	100.00%



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DRAWN BY: T. DE MAN

TOLERANCES: NONE

(UNLESS OTHERWISE SPECIFIED)

UNITS:

INCHES

WH-00136-1

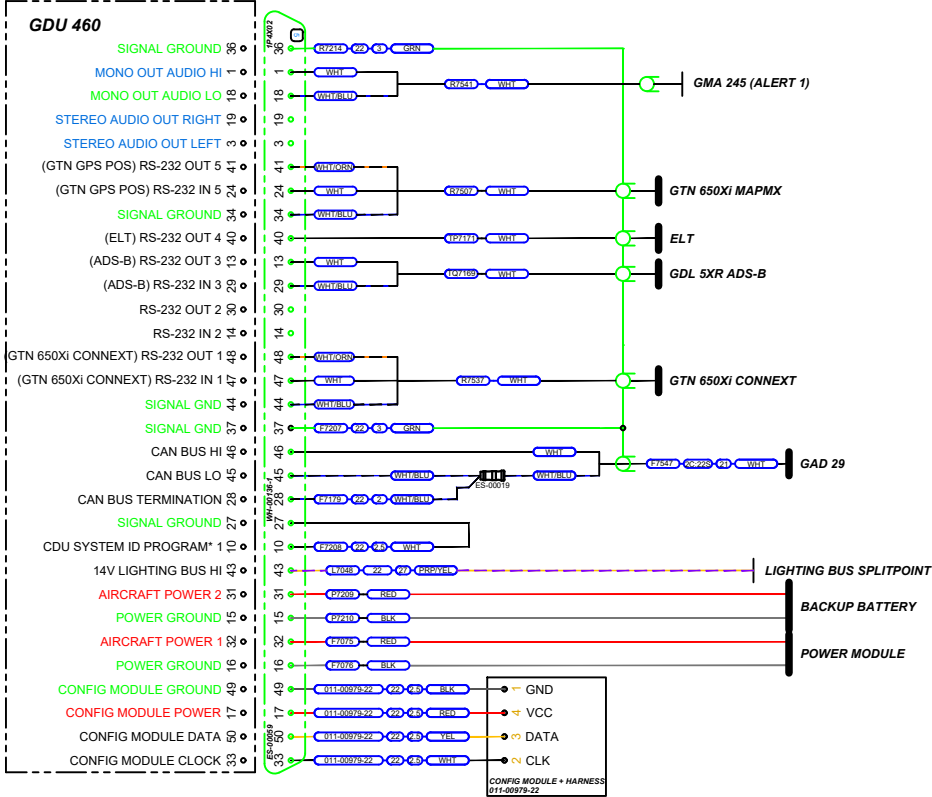
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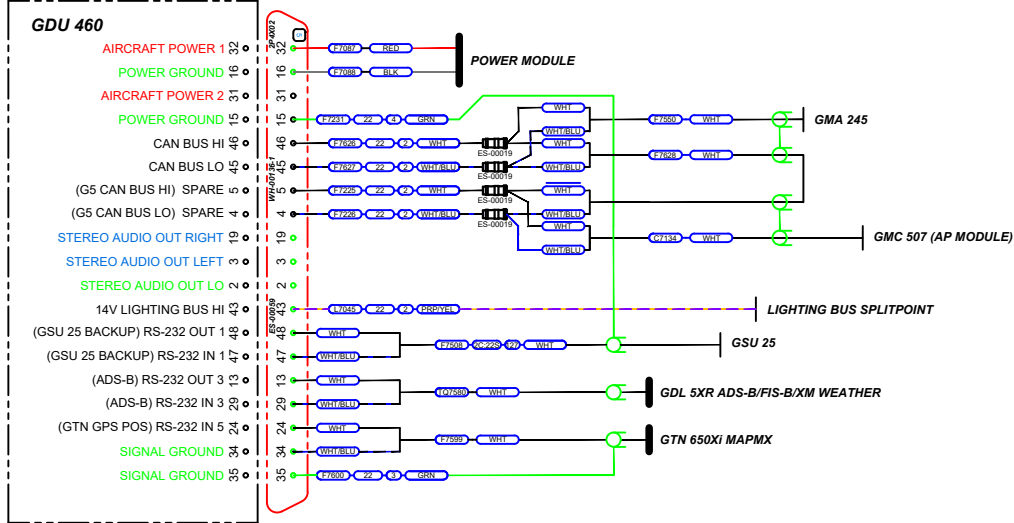
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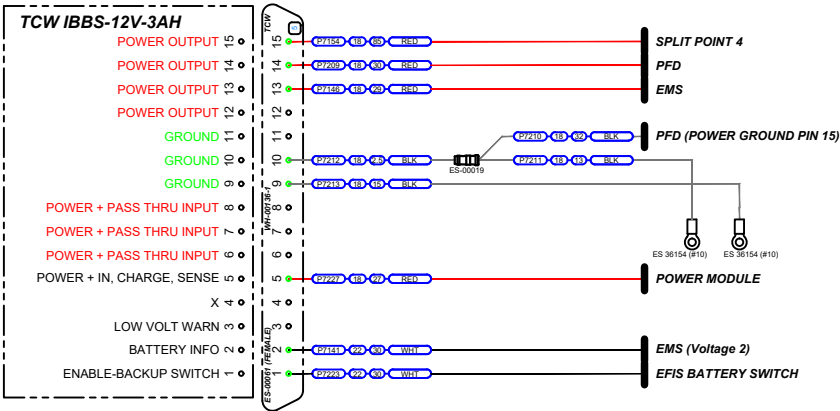
PFD



MFD



EFIS BATTERY



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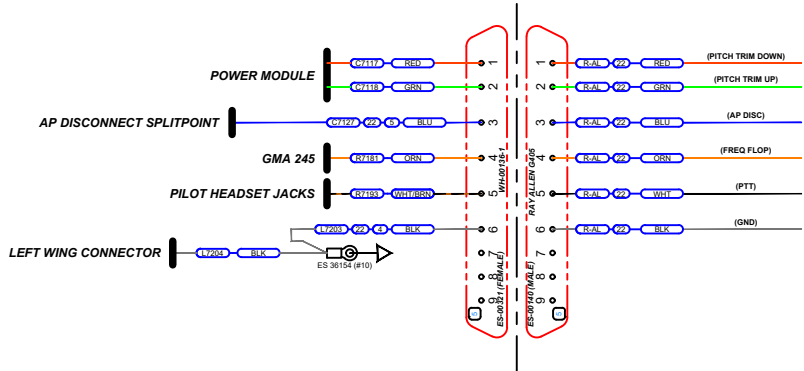
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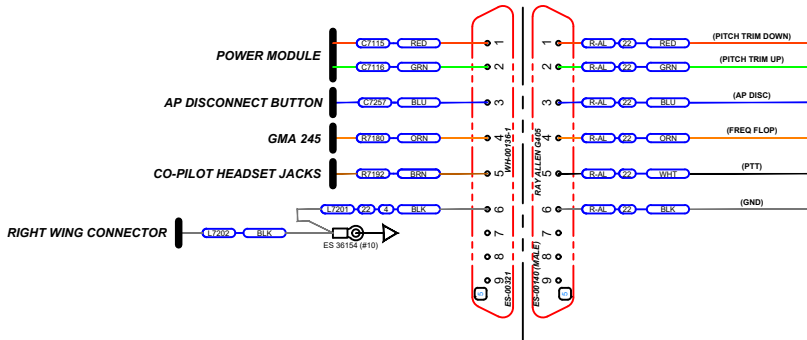
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REV				REVISIONS		DATE	APPROVED
R1	SEE PG 1						

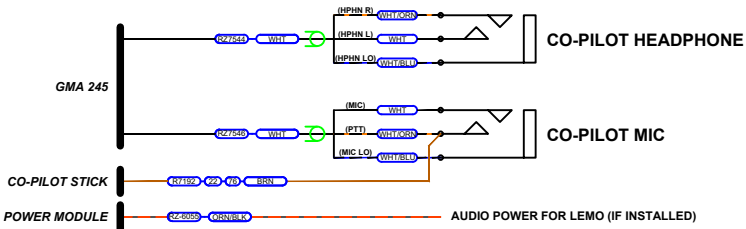
PILOT STICK GRIP



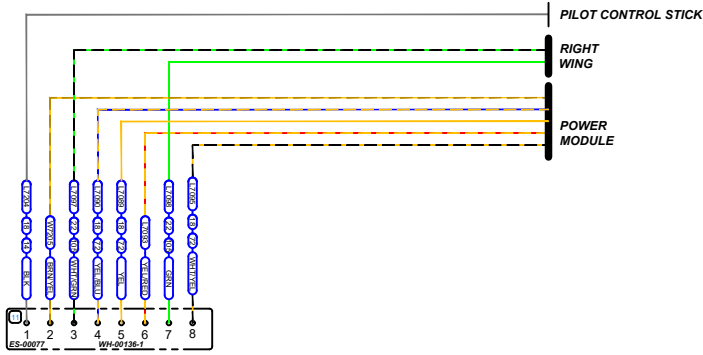
CO-PILOT STICK GRIP



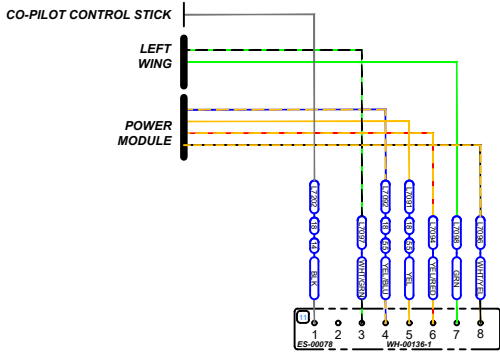
CO-PILOT HEADSET JACKS



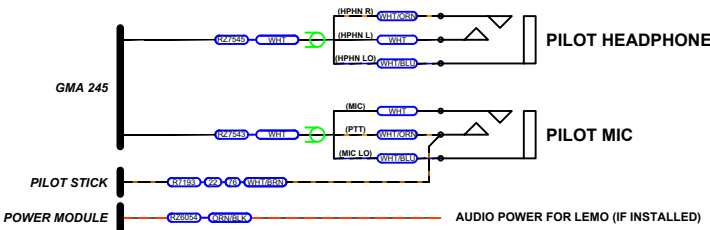
LEFT WING CONNECTOR



RIGHT WING CONNECTOR

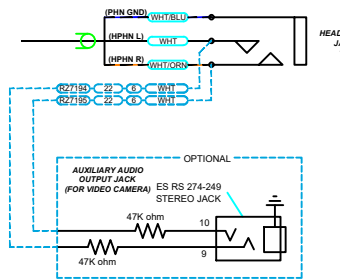


PILOT HEADSET JACKS

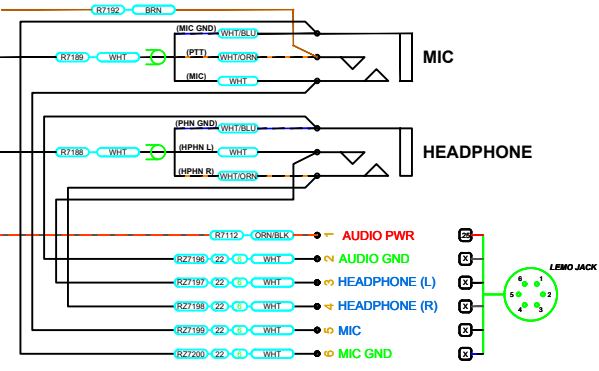


OPTIONAL AUDIO OUTPUT

COMPONENTS NOT INCLUDED WITH HARNESS
INSTALL ON CO-PILOT SIDE OF AIRCRAFT



OPTIONAL LEMO JACK



THESE COMPONENTS NOT INCLUDED IN AVIONICS KIT, NOR PART OF THE
WH-00136-1 . SEE WH-00032 AND WH-00033 RV-12IS WING HARNESS DRAWINGS.

THESE COMPONENTS NOT INCLUDED IN AVIONICS KIT, NOR PART OF THE
WH-00136-1 . SEE WH-00032 AND WH-00033 RV-12IS WING HARNESS DRAWINGS.



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UNITS:

INCHES

SCALE: NONE

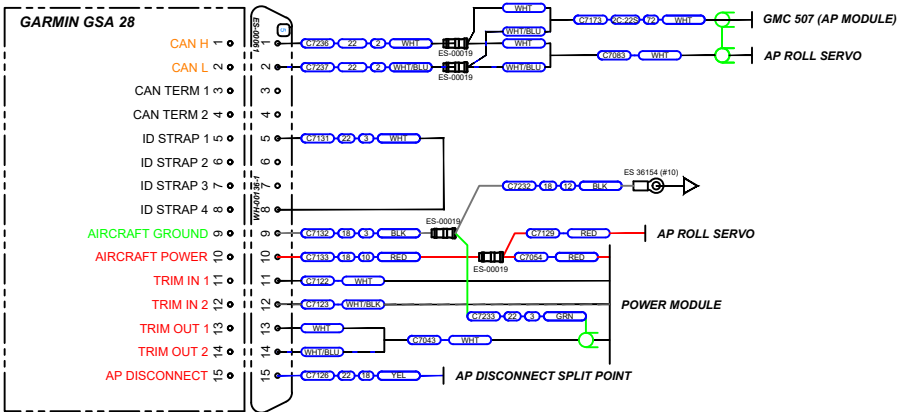
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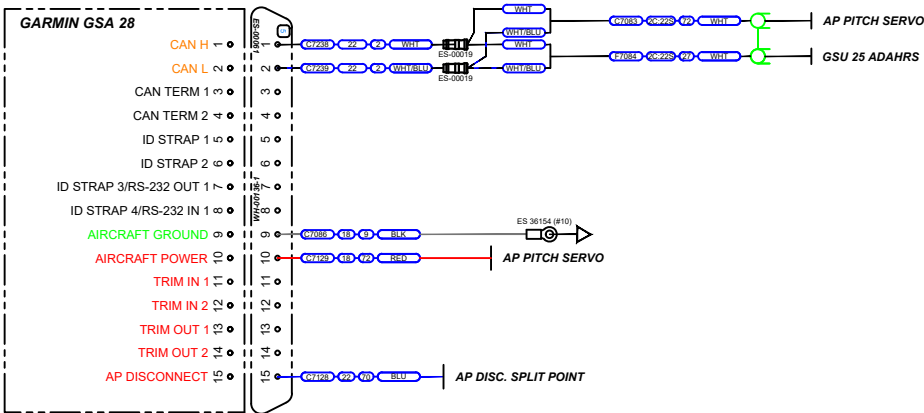
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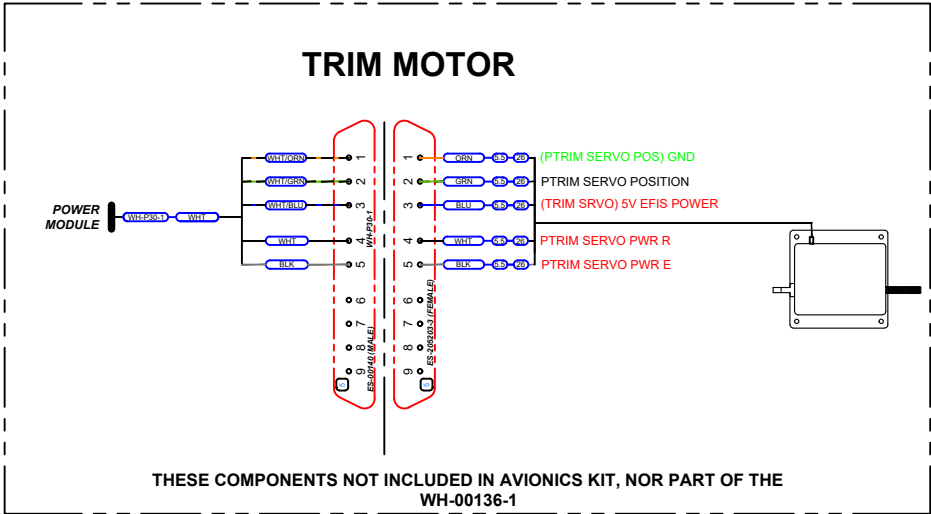
AUTOPILOT
PITCH SERVO



AUTOPILOT
ROLL SERVO

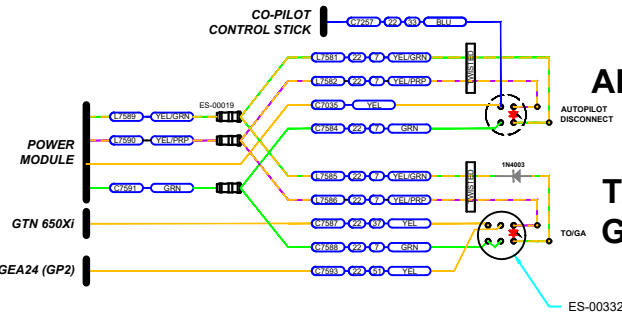


TRIM MOTOR



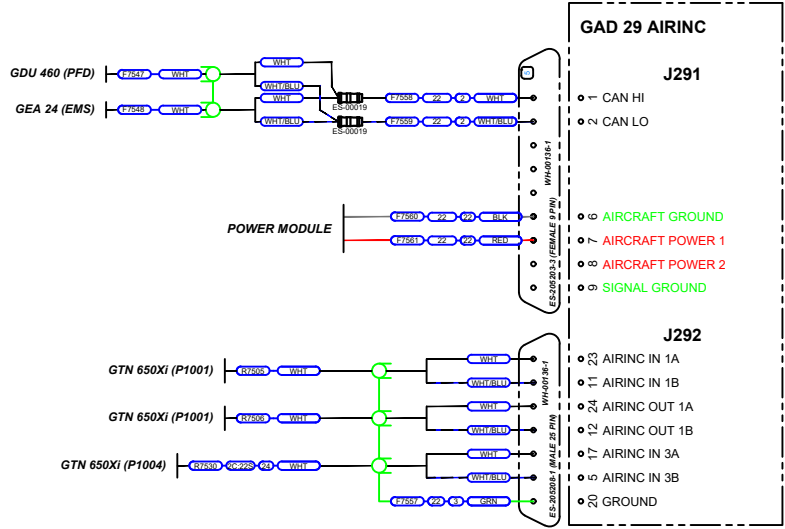
REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
R1	SEE PG 1		

AP DISCONNECT

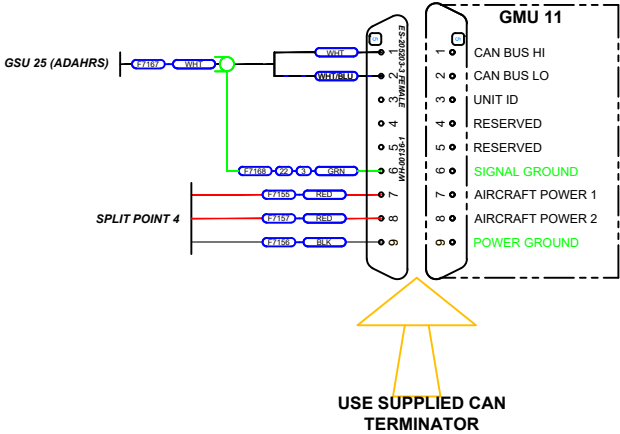


TAKE OFF
GO AROUND

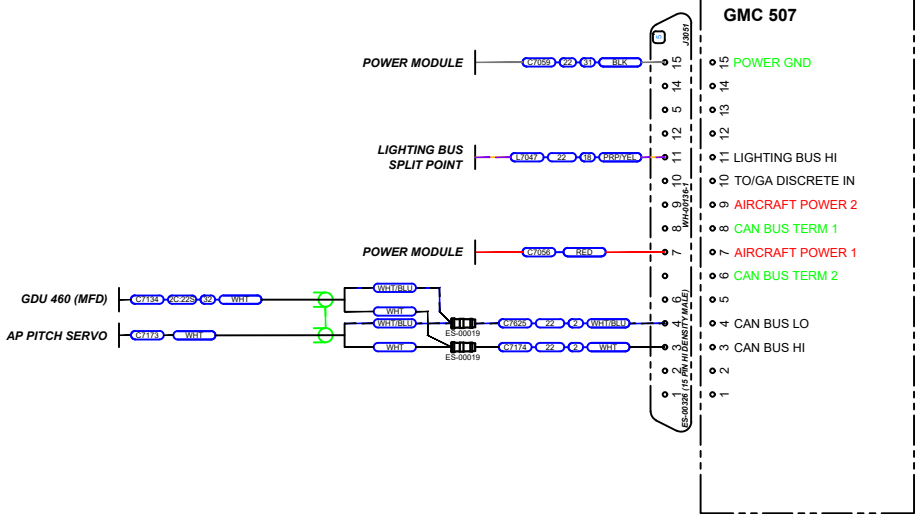
DATA BUS
ADAPTER



MAGNETOMETER



AP MODULE



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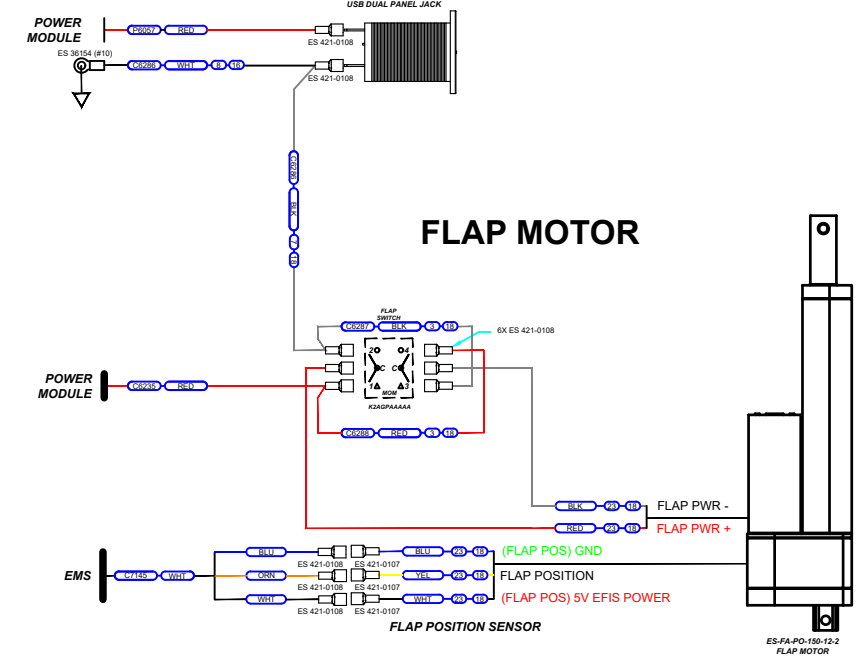
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POWER OUTLET

SPLIT POINT 5

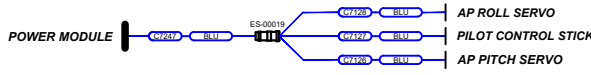
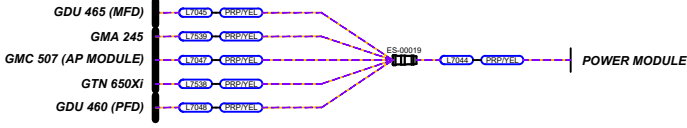
SPLIT POINT 1



LIGHTING BUS SPLIT

AUTOPILOT DISC. SPLIT POINT

SPLIT POINT 4



ADAHRS

EFIS BATTERY SWITCH

ADS-B IN

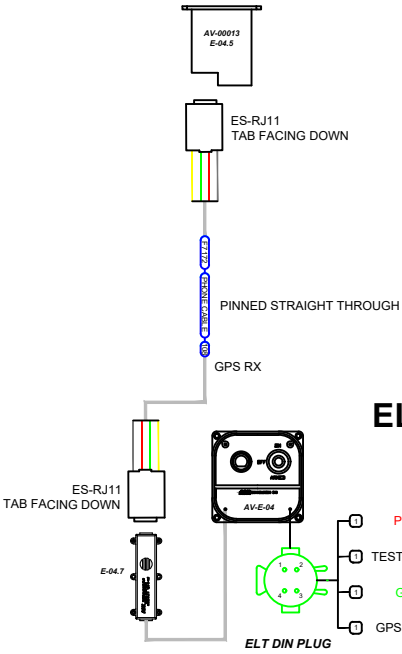
ELT REMOTE

SPAR PIN SWITCHES

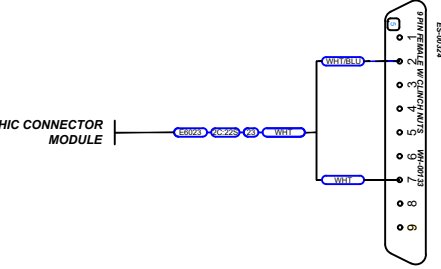
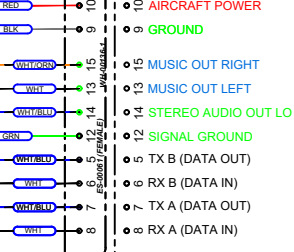
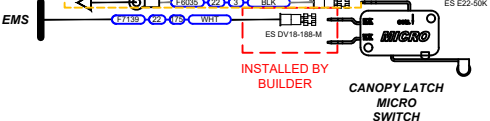
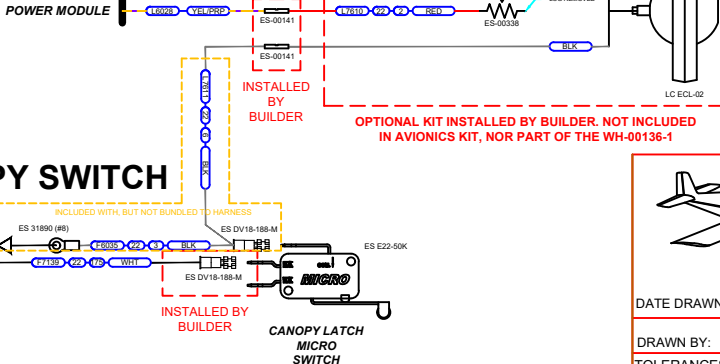
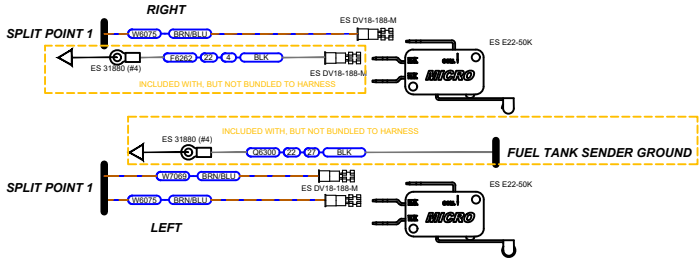
CABIN LIGHT & DIMMER

CANOPY SWITCH

912iS MAINT PORT



ELT



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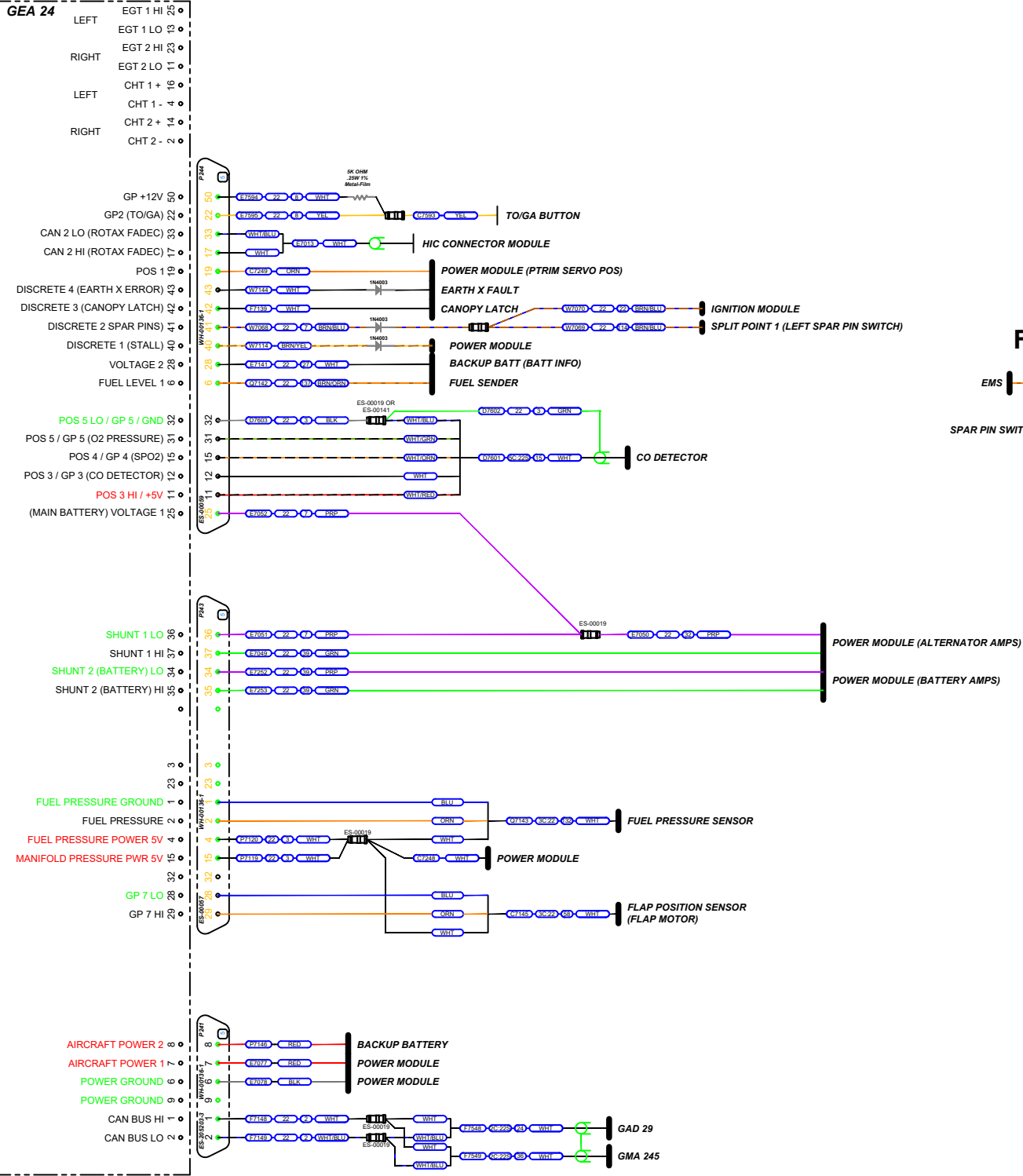
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DRAWN BY: T. DE MAN
TOLERANCES: NONE
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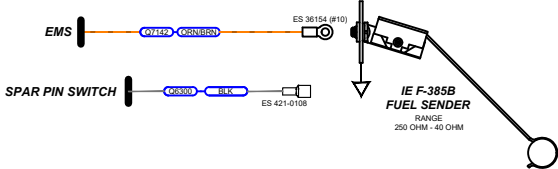
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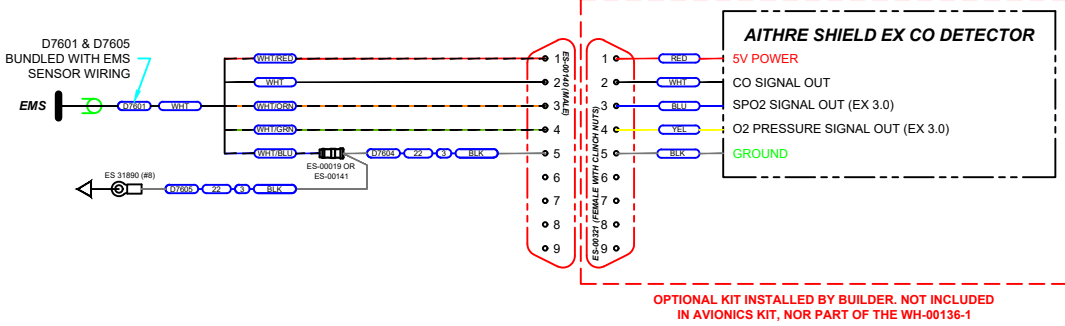
EMS



FUEL SENDER



CO DETECTOR



FUEL PRESSURE SENSOR



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INCHES
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PAGE: 7 OF 11

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C-SIZE ORIGINAL

REVISIONS			
REV	DESCRIPTION	DATE	APPROVED
R1	SEE PG 1		



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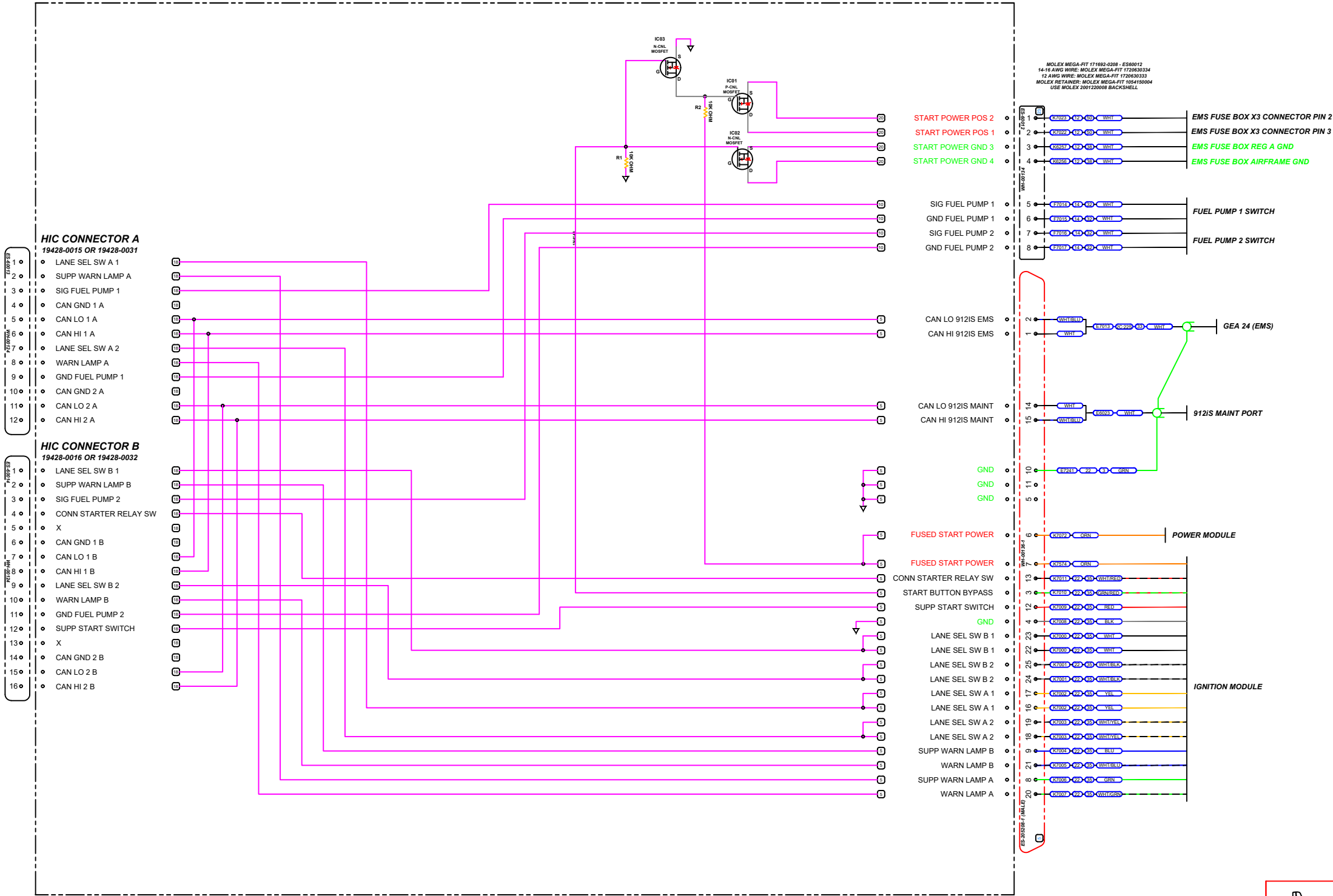
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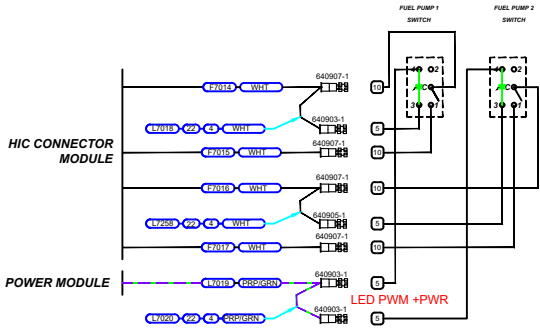
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HIC CONNECTOR MODULE iS PCB
ES-60009

REV		DESCRIPTION	REVISIONS	DATE	APPROVED
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FUEL PUMP SWITCHES





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WH-00136-1

PAGE: 9 OF 11

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C-SIZE ORIGINAL

