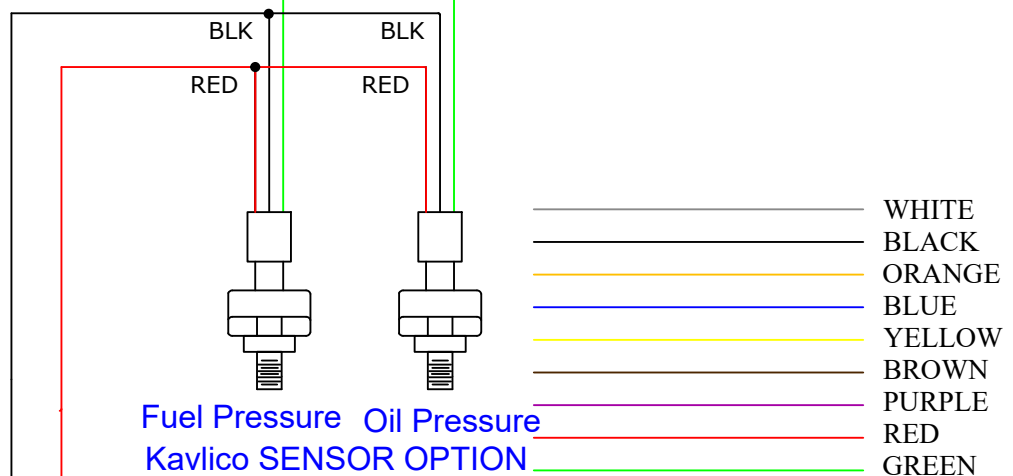
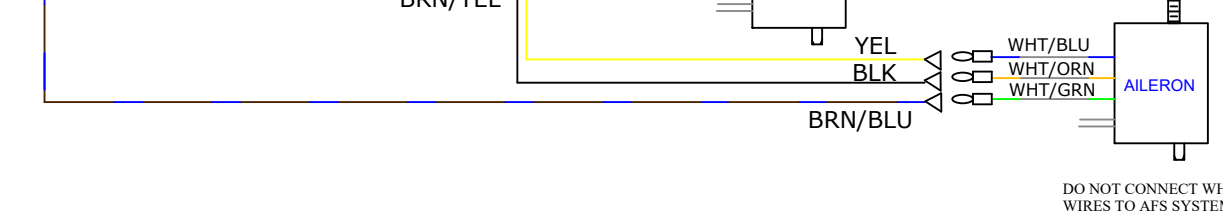
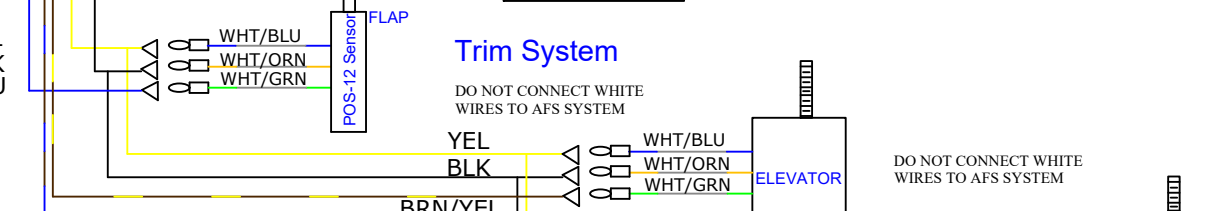
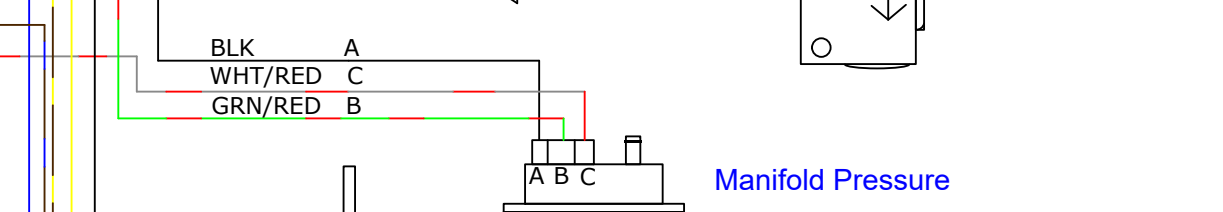
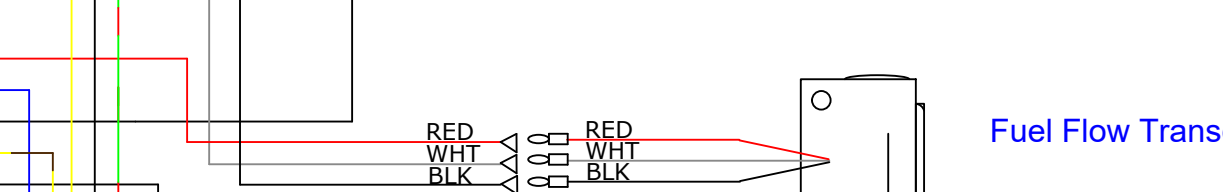
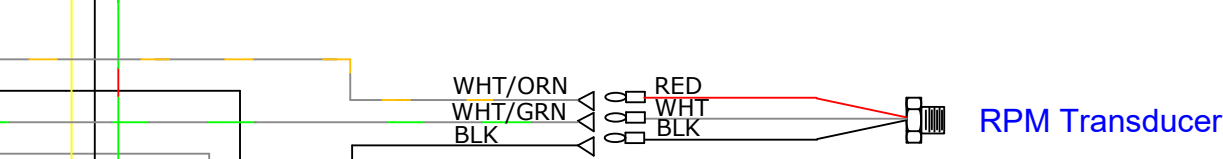
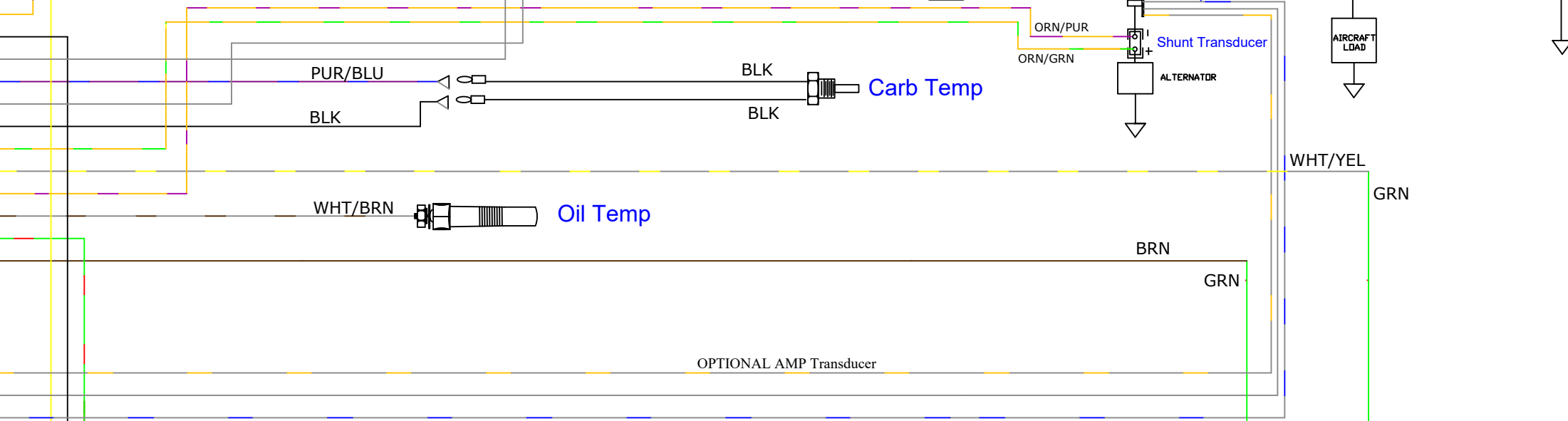
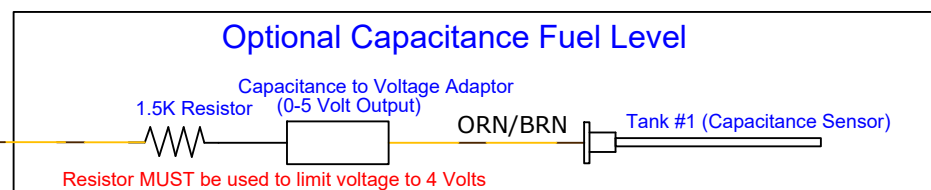
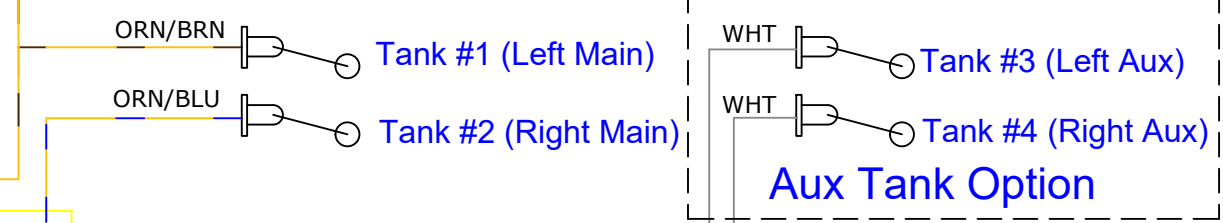


Engine Sensor Main Cable

- 1 GND\*
- 20 TANK #1 ORN/BRN
- 21 TANK #2 ORN/BLU
- 22 TANK #3\* WHT
- 23 CARB TEMP PUR/BLU
- 24 TANK #4\* WHT
- 25 AMPS #1 + ORN/GRN
- 26 OIL PSI WHT/YEL
- 27 AMPS #1 - ORN/PUR
- 28 OIL TEMP WHT/BRN
- 29 MANIFOLD GRN/RED
- 30 FUEL PSI BRN
- 31 TIT 1-\*
- 32 TIT 2-\*
- 33 TIT 1+\*
- 34 TIT 2+\*
- 35 AMP #2 PWR\* WHT/ORN
- 36 AMP #2\* WHT
- 37 AMP #2 GND\* WHT/BLU
- 38 COOLANT TEMP\*
- 39 RPM V+ WHT/ORN
- 40 FLOW GND BLK
- 41 RPM SENSOR WHT/GRN
- 42 Optional Electronic RPM\*
- 43 FLOW V+ RED
- 44 FLAP POSN BLU
- 45 RPM GND BLK
- 46 ELEV TRIM BRN/YEL
- 47 MAN GND BLK
- 48 AIL TRIM BRN/BLU
- 49 MAN V+ WHT/RED
- 50 SENSOR GND
- 51 SENSOR 5V\*

\*Indicates harnesses are not populated with that pin



- WHITE
- BLACK
- ORANGE
- BLUE
- YELLOW
- BROWN
- PURPLE
- RED
- GREEN

ENSURE THAT SENSORS ARE PROPERLY GROUNDED TO AIRCRAFT GROUND

REV	DATE	DESCRIPTION	REV BY
3	09/18/06	Moved Amp Transducer to Alternator wire	RJH
2	08/14/06	Changed pin 14 (Fuel Flow Input) from yellow to white	TGD
1	06/14/06	Initial Drawing	TGD

ITEM	QTY	PART #	DESCRIPTION
NOTES:			
PHONE: (503) 263-0037 FAX: (503) 263-1188 26711 1/2 township Rd Canby, OR 97013			
DATE 8/14/06 SCALE NONE DRN TGD APPR. RJH		This drawing is the property of Advanced Flight Systems Inc. and contains confidential information. It is not to be copied, reproduced or used without written approval.	
TITLE <b>Wiring Diagram</b>		P/N <b>53900WD</b>	REV. <b>7</b>