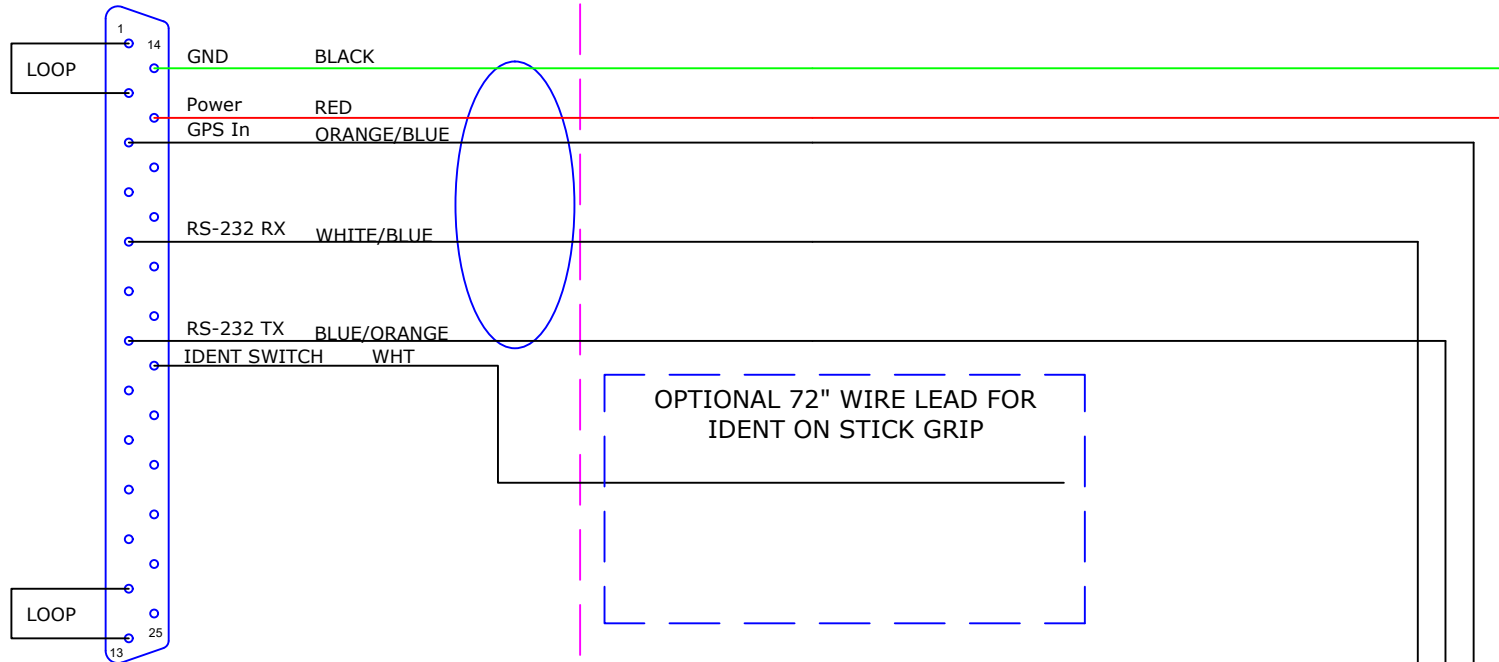


Transponder

MAIN HARNESS DSUB-25

CONNECTOR - 50,125M
BACKSHELL - 50,125S
PINS - 50,100M



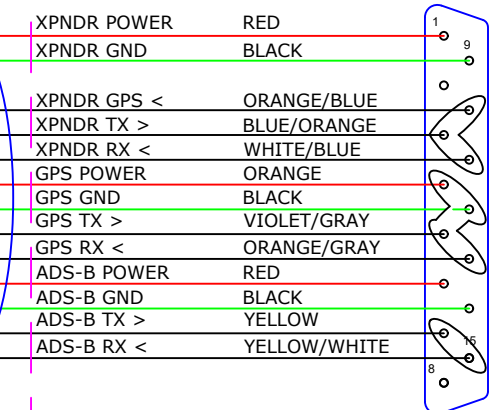
CONSTRUCTION NOTES

1. ALL WIRES SHALL BE 22 AWG TEFZEL COATED
2. TWISTED WIRES SHALL HAVE 8-10 TWIST'S PER INCH
3. HEATSHRINK SHALL BE USED TO TERMINATE THE SNAKESKIN AT THE BASE OF EACH DSUB CONNECTOR

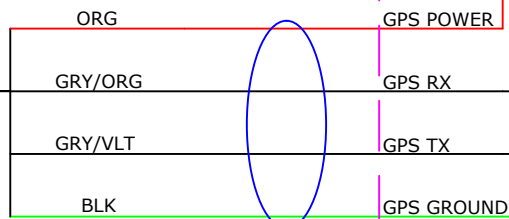
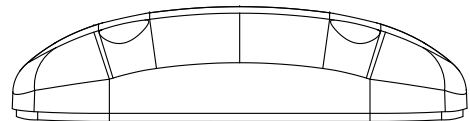
AFS Control Module

TRANSPONDER-GPS-ADSB DSUB-15

CONNECTOR - 50,115M
BACKSHELL - 50,115S
PINS - 50,100M



SV-GPS-250



CONNECTOR - 50,109M
BACKSHELL - 50,109S
PINS - 50,100M

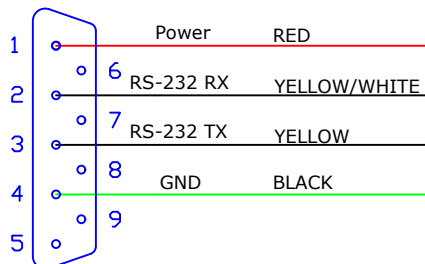
CONNECTOR - 50,109F
BACKSHELL - 50,109S
PINS - 50,100F

GPS POWER
GPS GROUND
GPS TX
GPS RX

ADS-B

MAIN HARNESS DSUB-9

CONNECTOR - 50,109M
BACKSHELL - 50,109S
PINS - 50,100M



SYMBOL KEY



LENGTHS

	XPNDR	ADS-B	GPS
RV-7	28"	33"	36"
RV-8	17"	18"	30"
RV-10 AEROSPORT	36"	38"	36"
RV-10	30"	38"	36"
SPORTSMAN	32"	26"	30"

REV	DATE	DESCRIPTION	REV BY
5	11/19/19	Added Wire Lead for Ident Switch	SR
4	9/27/19	Added Lengths for RV series Aircraft	SR
3	3/4/15	FIXED DSUB CONNECTORS	IRB
2	12/23/14	Fixed GPS pin 2 and 3	IRB
1	6/19/14	Initial Drawing	IRB

ITEM	QTY	PART #	DESCRIPTION
NOTES:			
DATE 6/19/14 SCALE NONE			
DRN: IRB APR: 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 XPNDR/GPS/ADSB			P/N 57,500S
			REV. 6



PHONE: (503) 263-0037 FAX: (503) 263-1138
320 REDWOOD ST
CANBY, OR 97013