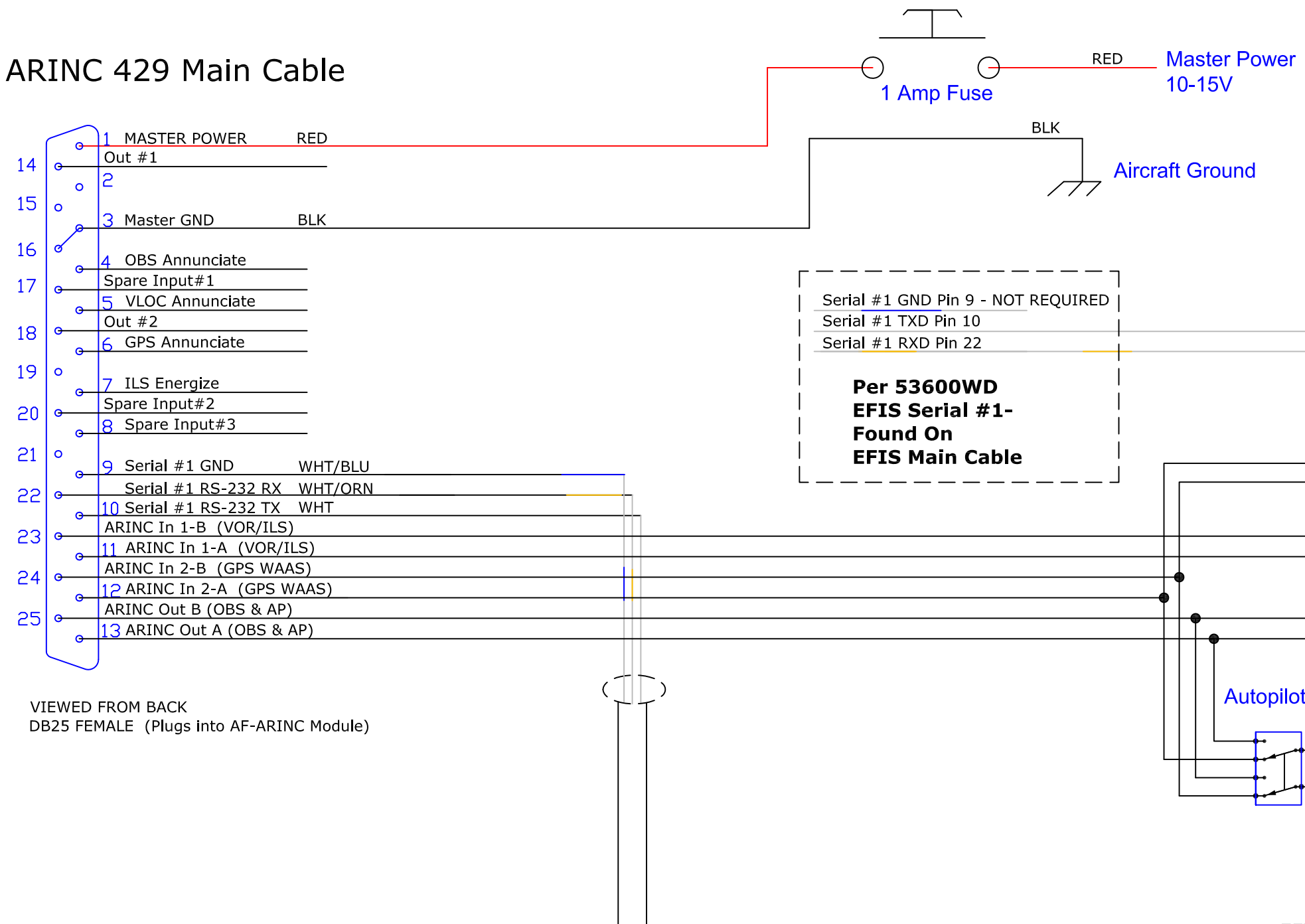
ARINC 429 Main Cable



VIEWED FROM BACK
DB25 FEMALE (Plugs into AF-ARINC Module)

Serial #1 GND Pin 9 - NOT REQUIRED
Serial #1 TXD Pin 10
Serial #1 RXD Pin 22

Per 53600WD EFIS Serial #1- Found On EFIS Main Cable

Garmin 430

P4001-57 GPS RS232 IN 1
P4001-56 GPS RS232 OUT 1

P4001-46 GPS ARINC 429 OUT 1 A
P4001-47 GPS ARINC 429 OUT 1 B
P4006-23 VOR/ILS ARINC 429 OUT B
P4006-24 VOR/ILS ARINC 429 OUT A

P4001-49 GPS ARINC 429 IN 1 B
P4001-48 GPS ARINC 429 IN 1 A

(430 SETTINGS)

(**MAIN RS232 CONFIG**)
(CHNL 1: OFF|AVIATION)

(**MAIN ARINC 429 CONFIG**)
(IN 1: Low|HONEYWELL EFIS)
(OUT: Low|GAMA 429)
(SDI: COMMON)
(VNAV: ENABLE LABELS)

(**VOR/LOC/GS ARINC 429 CONFIG**)
(SPEED: LOW|LOW)
(SDI: COMMON)
(VNAV: DIRECTED FREQ 1)

DF-IIVSGV Autopilot

14 ARINC In A
15 ARINC In B

Autopilot Source Switch

EFIS Expansion Connector

DB-9 Male
(viewed from back)

(Serial #1 RS-232 RXD) WHT/ORN — Serial #4 RS-232 TXD
(Serial #1 RS-232 TXD) WHT — Serial #4 RS-232 RXD
(Serial #1 GND) WHT/BLU — Serial #4 GND

1 6 9 5

Plugs into DB-9 connector on EFIS

WHITE
BLACK
ORANGE
BLUE
YELLOW
BROWN
PURPLE
RED
GREEN

ENSURE THAT SENSORS
ARE PROPERLY GROUNDED TO
AIRCRAFT GROUND

REV	DATE	DESCRIPTION	REV BY
4	6/28/08	ADDED SETTINGS/SERIAL #1	TD
3	10/29/07	Remove I/O Lines	RJH
2	08/29/07	Added WAAS GPS Port	RJH
1	07/2/07	Initial Drawing	RJH

ITEM	QTY	PART #	DESCRIPTION

NOTES:

ADVANCED FLIGHT SYSTEMS INC.
PHONE: (503) 263-0037 FAX: (503) 263-1138
320 S. Redwood St.
Canby, OR 97013

DATE 7/2/07 | SCALE NONE
DRN. JH | APRV. RJH

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TITLE WIRING DIAGRAM ARINC -429 Adaptor Cable | P/N 53620WD | B | REV. 5