

MULTI-FUNCTION DISPLAY (IFD #2 - Right Side)

Avidyne IFD-5000i

Software Release 9.4.1
Avidyne IFD Config Tool Ver 0.40
570-00117-006 Rev 02

SkyWatch 497 or HP

ARINC 429 RX 5A
ARINC 429 RX 5B

"Avidyne ADS-B WX Hi Spd"
(FIS-B Wx)

RS-232 Tx 0
RS-232 Rx 0
RS-232 Gnd

PRIMARY FLIGHT DISPLAY (IFD #1 - Left Side)

Avidyne IFD-5000i

SkyWatch 497 or HP

ARINC 429 RX 5A
ARINC 429 RX 5B

POSITION & ALTITUDE

ARINC 429 TX 4A
ARINC 429 TX 4B

RS-232 Tx 0
RS-232 Rx 0
RS-232 Gnd

ACTIVE TRAFFIC PROCESSOR

L-3 SkyWatch TRC-497
EXISTING

ARINC 429 TX 1A
ARINC 429 TX 1B

DISPLAY

BROADCAST DATALINK RECIEVER

Avidyne SKYTRAX-100B
NEW DATA LINK REC.

RS-232 Rx 1
RS-232 Tx 1
RS-232 Gnd

"115200 Capstone (N)"
(FIS-B Wx)

ARINC 429 RX 1A
ARINC 429 RX 1B

POSITION & ALTITUDE

USB-C Maintenance Port

Pwr D- D+ Gnd

GROUND GROUND

POWER POWER

SATELLITE WX DATALINK RECEIVER

Avidyne MLB-700
REMOVE OLD DATA LINK RECR

POWER POWER POWER

GROUND GROUND GROUND

RS-232 Rx 1
RS-232 Tx 1
RS-232 GND

RS-232 Rx 2
RS-232 Tx 2
RS-232 GND

Signal GRND

"COMMAND" Interface

>config

1: Begin Configuration
1: RS232 1
1: High Speed Capstone
(115,200)
Enter ICAO=*****
1: NACv = < 10 m/sec.....

>adsb off

>comstat

COM Port	Port Status		Port Status	
1	RX baud	RX handler	TX baud	TX handler
2	115200	CapstoneRX(O)	115200	Capstone(N)
3		NONE		NONE
4		NONE		NONE
5		NONE		NONE
6	115200	Command(I)	115200	Command(I)

Protocol Options:

A Discover
B NONE
C Raw
D Monitor
E ActiveRaw
F Cvi
G Challenge
H 3rdParty
I Command
J Maui GPS
K Garmin GPS
L Garmin ADSB+ GPS
M Chargen
N Capstone
O CapstoneRX
P Icarus Alt
Q Shadin RMS
R Shadin G/S/Z
S Apollo Alt

LAPTOP COMPUTER

HyperTerm or PuTTY

Pwr D- D+ Gnd

USB-A

RG-400

C/B PNL

TBD

UAT1

3 Amp

AVIONICS BUSS

28 Vdc Electrical

USE ComAnt CI-105-16

RELOCATED WIRES

IT IS HIGHLY RECOMMENDED to RETAIN the SKYWATCH TRC-497 ACTIVE TRAFFIC System

SkyTrax 100B used for FIS-B WEATHER ONLY

INSTALL UAT ANTENNA USING CIRRUSS SB 2x-23-05 R1 AS A REFERENCE

SPLICED WIRES

FOR REFERENCE USE ONLY

CIRRUS SR-22 WIRING MAY BE SHOWN IF APPLICABLE



Avidyne IFD-5000i IFDS R-9.4.1

SkyTrax-100B FIS-B

Size -- Document Number 31-63-03 Rev 3

Date: Thursday, December 26, 2019 Sheet 3 of 4