



***SkyView* HDX System**

Configuration Manual

Beechcraft Bonanza P35 - V35B

103738-000

Revision A

5/15/2019

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Revision History

REV	CHANGE	ECO	DATE
A	Initial Release for Beechcraft Models P35 through V35B	328457	5/15/2019

Reference Documents

Document
102949-003 Dynon SkyView HDX Pilot's User Guide
103261-000 Dynon SkyView HDX Installation Manual for AML STC SA02594SE
43.13-1B Acceptable Methods, Techniques and Practices - Aircraft Inspection and Repair
43.13-2B Acceptable Methods, Techniques and Practices - Aircraft Alterations
103488-000 Wiring Diagram, Typical HDX Dual Display
103738-000 - Rev A - SkyView HDX System Configuration - Data - Bonanza P35-V35B.dfg

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1 Introduction

This document provides guidance to correctly configure the SkyView HDX system when installed in a Beechcraft P35 through V35B Bonanza.

This document assumes that SkyView and its components have been wired in accordance with document 103488-000 Wiring Diagram, Typical HDX Dual Display.

Dynon provides an associated configuration file which should be loaded before beginning the configuration process:

103738-000 – Rev A - SkyView HDX System Configuration – Bonanza P35-V35B.dfg

This file, when loaded in an airplane equipped with the Dynon SkyView HDX system, will:

- Configure all sensors to factory delivered values for the V35B. Edits may be required for other engines. This would be accomplished manually using the Screen Layout Editor menu.
- Locate all widgets in the EMS Bottom Band and 50% display to match the FAA Human Factors assessed layout. This would be accomplished manually using the Screen Layout Editor menu.
- Configure the optional autopilot servos with the FAA approved values. This would manually be accomplished using the Autopilot Setup menu.

Load the configuration file before you begin the configuration described in the configuration manual. This will reduce the effort required.

The configuration manual and data file assume that the airplane is as delivered by the manufacturer and has not been modified in any way. Any system or performance differences will need to be manually configured after the configuration file has been loaded.

The configuration file can be downloaded to a USB drive and then loaded into SkyView following the guidance provided in Section 2.

Where specific configuration selections or entries are required for certification, complete instructions will be provided. The remaining configuration opportunities are considered owner/operator-controlled options. Installers may need to consult with the owner/operator in order to make the correct configuration selections.

2 System Software

The System Software menu does not have any settings requiring configuration, but Dynon does provide configurations files that can be loaded into SkyView using the System Software menu.

These files will accomplish much of the systems configuration settings covered by this manual. These files can be downloaded to a USB drive and then loaded onto SkyView using the LOAD FILES wizard.

The Systems Software menu will not be active unless a USB Drive is mounted to the display USB port.

The SYSTEM SOFTWARE Menu contains links to the following wizards:

- UPGRADE SYSTEM SOFTWARE. – Use this wizard to update Software on your SkyView system.
- LOAD FILES – Use this wizard to load files such as settings or configuration files or delete files from the USB flash drive.
- EXPORT SETTINGS – Use this wizard to export the settings on your SkyView system to a USB flash drive.
- EXPORT USER DATA LOGS – Use this wizard to export user data logs in human-readable CSV format.
- EXPORT USER WAYPOINTS – Use this wizard to export the User Waypoints that are currently stored in your SkyView system.

EXPORT DYNON DIAGNOSTIC FILE – This specialized data log can only be interpreted by Dynon Avionics personnel; there is no data in it that can be interpreted by SkyView pilots. Dynon Avionics Technical Support may request this log during troubleshooting, especially for issues related to AP performance. Note that this log is very big – over 500 MB – and takes minutes to save to a USB flash drive. Unless directed to export this log by Dynon Avionics, there is no reason to do so

3 Configuring SkyView HDX using the Setup Menu System

The following is an overview of each of the system configuration menus, their sub-menus, and the information that must be selected or inputted to match the certificated configuration.

3.1 SETUP Menu Entry

The SkyView HDX Display features a row of eight buttons across the bottom below the screen. These buttons are numbered 1-8 from left to right. Simultaneously pressing and holding buttons 7 and 8 will open one of the setup menus. There are two setup menus: The *Setup Menu* and the *In-Flight Setup Menu*. If the airspeed is zero, the Setup Menu will open. If the airspeed is greater than zero, the In-Flight Setup Menu will open.

You may also access the Setup Menu from the In-Flight Setup Menu by using the ENTER FULL SCREEN SETUP MENU option.

3.2 SETUP Menu

The setup menu provides access to the following system configuration menus:

- SYSTEM SOFTWARE
- SYSTEM SETUP
- LOCAL DISPLAY SETUP
- PFD SETUP
- EMS SETUP
- MAP SETUP
- AUTOPILOT SETUP
- TRANSPONDER SETUP
- TRAFFIC SETUP
- ADS-B STATUS
- COM RADIO SETUP
- HARDWARE CALIBRATION

When a setting within one of the setup menus or sub-menus are changed in a SkyView display, the change is synchronized to other SkyView displays, when installed. It is not necessary to make the change in every display.

3.2.1 System Setup Menu Configuration

The System Setup menu contains menus and pages related to the entire SkyView system. The following list of menus can be found in System Setup:

- SKYVIEW NETWORK SETUP
- WI-FI SETUP
- SERIAL PORT SETUP
- AUDIO SETUP
- AIRCRAFT INFORMATION
- MEASUREMENT UNITS
- TIME
- ARINC-429
- SCREEN LAYOUT SETUP
- PRIMARY COM
- DISPLAY COM IN TOP BAR
- DATA LOG SETUP

The very first thing that requires configuration is the insertion of the aircraft's registration number. This is accomplished using the Aircraft Information menu. Refer to Section 3.2.6

Some of these menus have specific configuration requirements, while others have optional configurations that can be set to an individual preference, and other menus simply display information. The sections that follow will provide an overview of the information and configuration options contained within the menus, unless the menu has specific requirements. If specific configurations are required, instructions on how to configure the menu will be included.

3.2.2 SkyView Network Setup Menu

Enter this menu to configure your SkyView network or to check on network status (i.e., display important SkyView module information).

Any time a SkyView Network Module is added, replaced with another of the same type, or removed from the SkyView network, the network must be configured. This menu allows you to access the following pages:

- **Networks Status** – This page provides a list of all the connected SkyView modules by model name. It also provides the serial number for each module, as well as the status of each module.
- **Network Configure wizard** – This page will allow you to “Configure” the network, which is a process that the system uses to look for changes on the network, such as:
 - A module has been replaced, causing a serial number to change,
 - A module has been added to the network,
 - A module has been removed from the network.

The network must be configured any time a module is replaced, added, or removed from the network.

- **Force Network Load wizard** – When the above Configure operation is accomplished, only the software that has changed gets pushed out to the modules from SkyView. The Force Network Load operation replaces each of the module's software with a fresh copy. This is done whenever software corruption is thought to be the source of misbehavior.

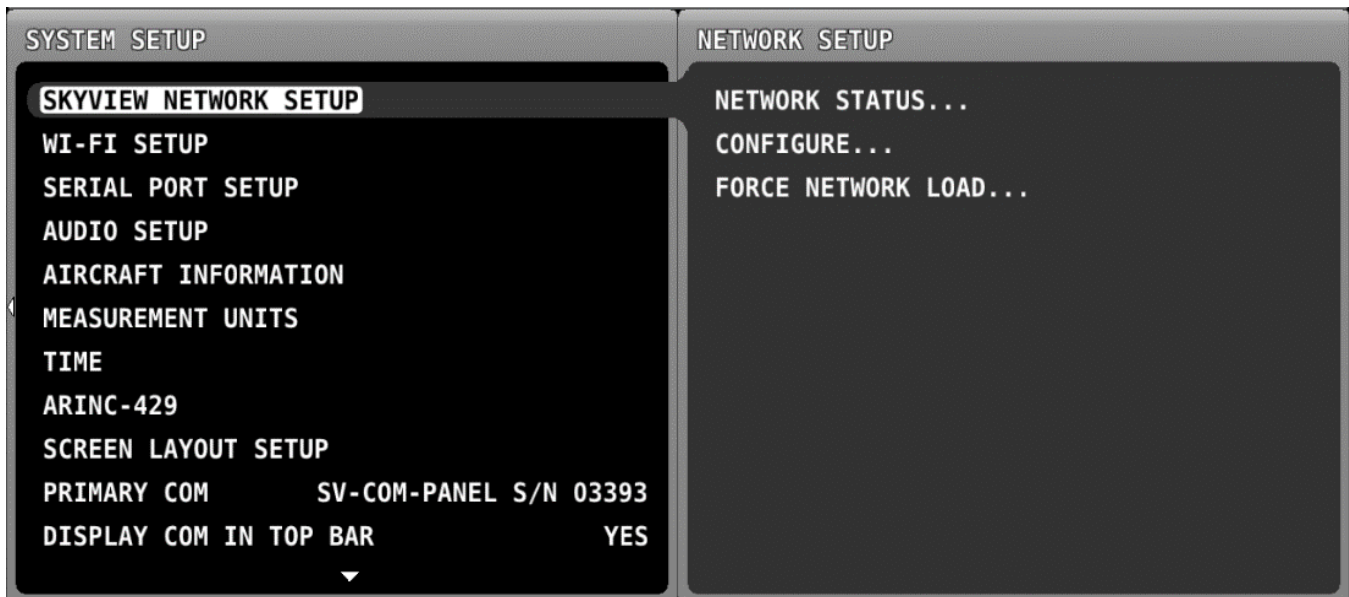


Figure 1 SYSTEM SETUP Menu

3.2.3 WI-FI Setup Menu

The WI-FI setup menu configures a wireless network to allow other wireless computing devices to communicate with SkyView. Requires a WI-FI antenna connected to a USB adapter connected to SkyView.

3.2.4 Serial Port Setup Menu

The Serial Port Setup menu controls the configuration of up to 5 serial ports (see **Figure 2**) can be configured to transmit and/or receive information from RS232 capable devices. To configure in accordance with the Dynon provided Typical HDX Dual Display Wiring Diagram, serial ports 1, 2 and 5 should be configured as shown in **Figure 3**, **Figure 4**, and **Figure 5**:

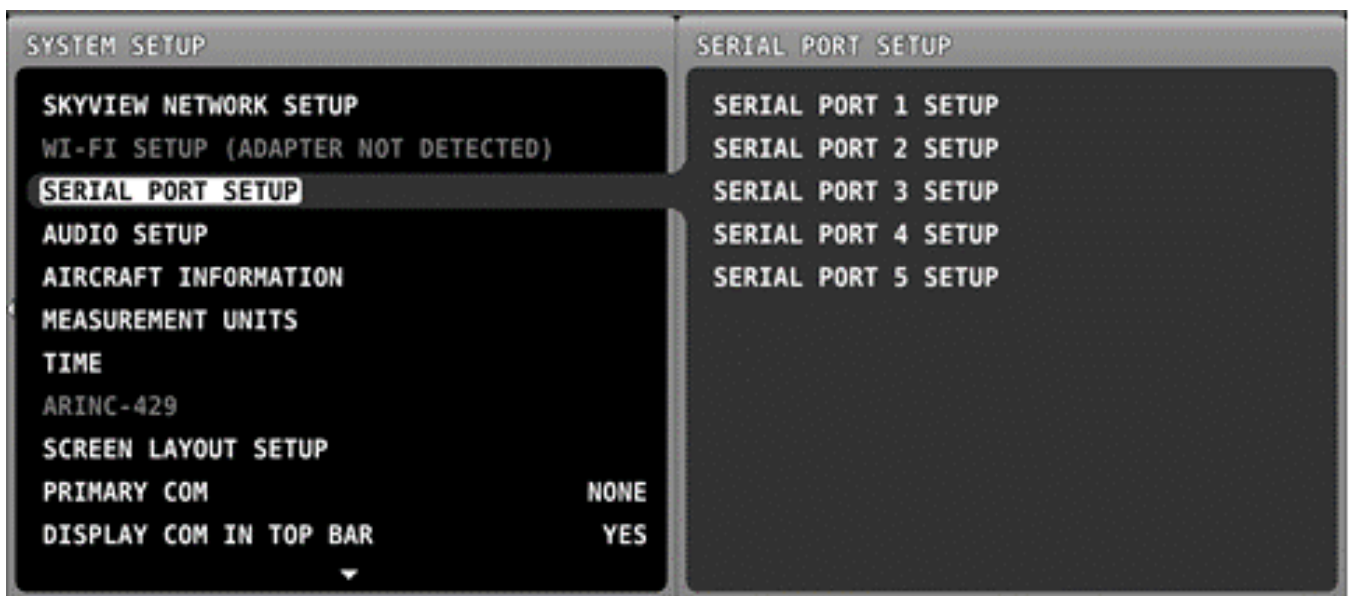


Figure 2 SERIAL PORT SETUP Menu

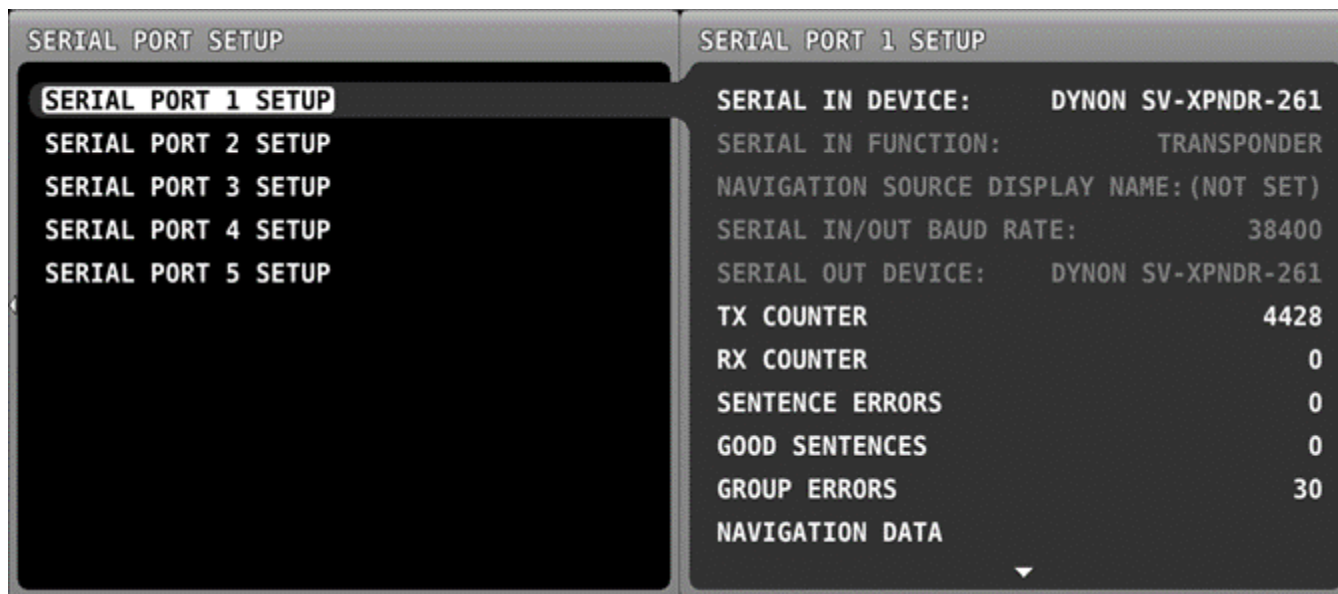


Figure 3 SERIAL PORT 1 Configuration

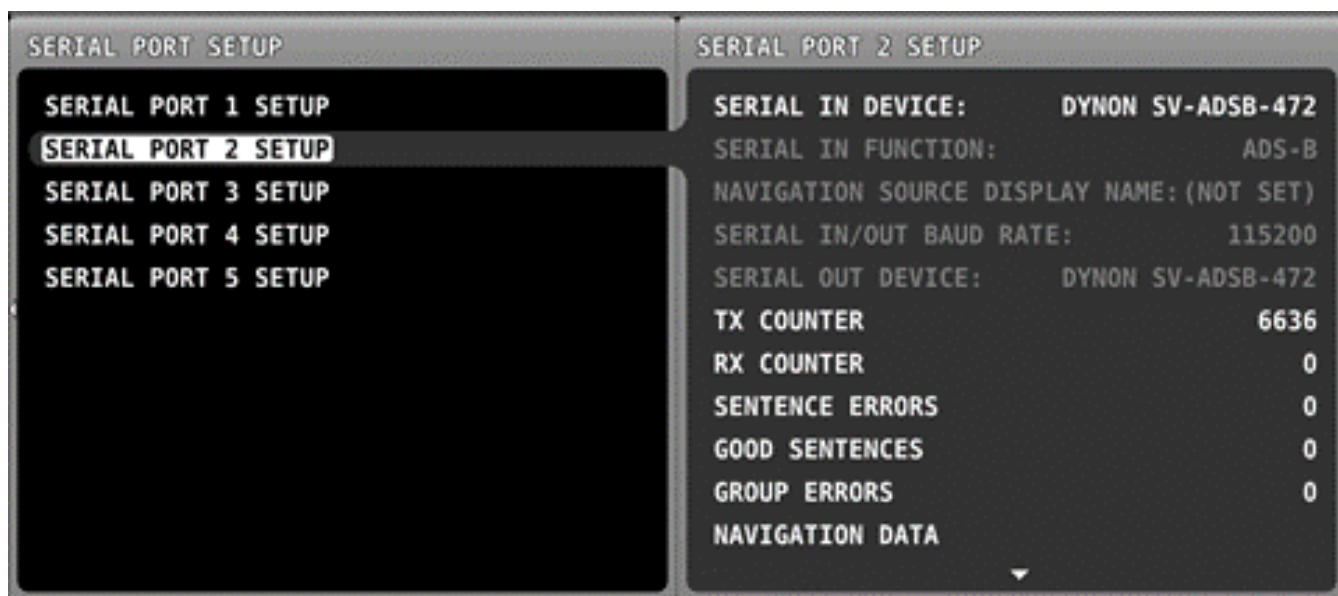


Figure 4 SERIAL PORT 2 Configuration

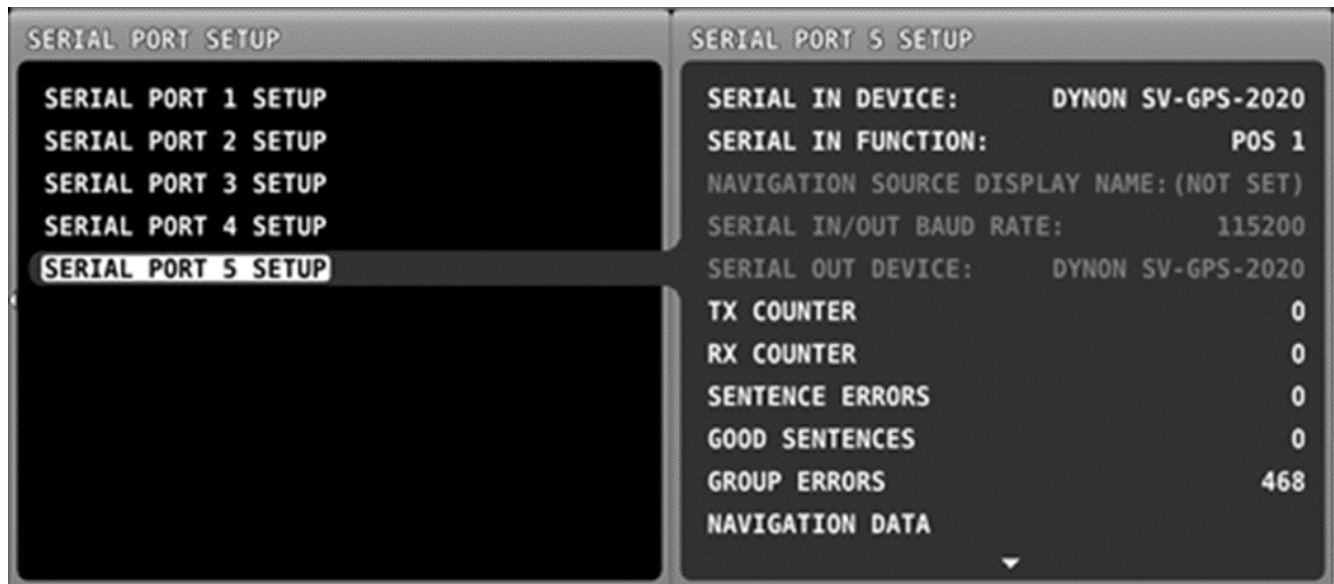


Figure 5 SERIAL PORT 5 Configuration

3.2.5 Audio Setup Menu

The AUDIO SETUP menu controls the behaviors of all the SkyView audio annunciations. Configure each item according to **Figure 6**:



Figure 6 AUDIO SETUP Configuration

3.2.6 Aircraft information Menu

- **Tail Number**

Enter this page to record important information regarding your aircraft. Specifically, enter the tail number of your aircraft – it is used to create unique SkyView configuration files. It is also used for other purposes.

Note that for US planes, the leading N is a required part of the TAIL NUMBER. The TAIL NUMBER should not include dashes (-) or spaces.

NOTE: Ensure that 0 is not used in place of O, and O is not used in place of 0.

Examples:

- **Correct:** N12AB
- **Incorrect:** N-42SV, or N 42SV, or 42SV.
- **Total Flight Time**
Enter your aircrafts current total flight time.
- **Total Fuel Capacity**
Enter your aircrafts total usable fuel.
- **Preset Fuel Capacity**
If your aircraft has a fuel loading preset, this value can be configured.
- **Fuel Added Detect**
This is an Owner/Operator option that when enabled, prompts the user that the measured fuel quantity doesn't match the calculated fuel quantity.
- **Fuel Tank Reminder**
This is an Owner/Operator option that can be set to OFF, Time, or Quantity.
- **Airplane Icon**
Select an icon that most closely matches the airplane. This icon will appear on the map display.
- **Landing Gear Type**
Select Retract from the menu.
- **Landing Gear Check Speed**
Insert the airspeed at which the "CHECK GEAR" alert will sound when the landing gear is not down. 80 knots is recommended.
- **Landing Gear Overspeed**
Insert the maximum gear extended speed, which for the Bonanza is 152 knots. This is speed at which the "OVERSPEED" alert will sound when the landing gear is not up.
- **Sink Rate During Glide**
Insert the feet per minute the airplane descends at the best glide airspeed. This generates the maps glide circle display.
- **Weight & Balance**
See Installation Manual.
- **Maintenance Log**
See Installation Manual.

3.2.7 Measurement Units Menu

Enter this page to configure displayed units (e.g., feet or meters). Configure the Measurement Units as desired.

3.2.8 Time Menu

First, configure the Top Bar to display time in SETUP MENU > LOCAL DISPLAY SETUP > TOP BAR SETUP > TIME: and choose either ZULU or LOCAL time.

Return to the SYSTEM SETUP > TIME menu and adjust your preferred offset from the time currently displayed on the Top Bar.

3.2.9 ARINC-429 Menu

This menu configures the SV-ARINC-429 module, if installed. The SV-ARINC-429 provides an interface through which an external IFR Navigator can communicate with SkyView. An SV-ARINC-429 module must be configured in the SkyView network for this menu item to become enabled.

3.2.10 Screen Layout Setup Menu

Enter this page to configure the availability of the PDF Page, Engine Page, and Map Page on this display and throughout the system (when more than one display is installed). Configure the settings according to **Figure 7**.

SCREEN LAYOUT SETUP		ADJUST
REVERSION MODE ENABLED	YES	YES
THIS SCREEN ROLE	PFD	NO
SHOW SWAP BUTTON	YES	
WHEN REVERSION MODE IS ACTIVE THESE DISPLAY LAYOUT SETTINGS ARE USED		
PRIMARY PANE	PFD	
SPLIT CONTENT	MAP	
ENGINE BOTTOM BAND	ON	
PRIMARY SIDE	LEFT	
MAP INFO COLUMN	ON	

Figure 7 SCREEN LAYOUT SETUP Configuration

3.2.11 Primary COM Menu

Select the desired COM radio to be displayed on the Top Bar and receive a frequency setting when the APT→COM button is pushed in the MAP MENU. If only one COM radio is installed, this must be set. If two COM radios are installed, only one can be displayed on the Top Bar and receive a frequency setting when the APT→COM button is pushed in the MAP MENU.

Select your SV-COM-PANEL to be the Primary COM, and select YES for DISPLAY COM IN TOP BAR, as shown in **Figure 8**.

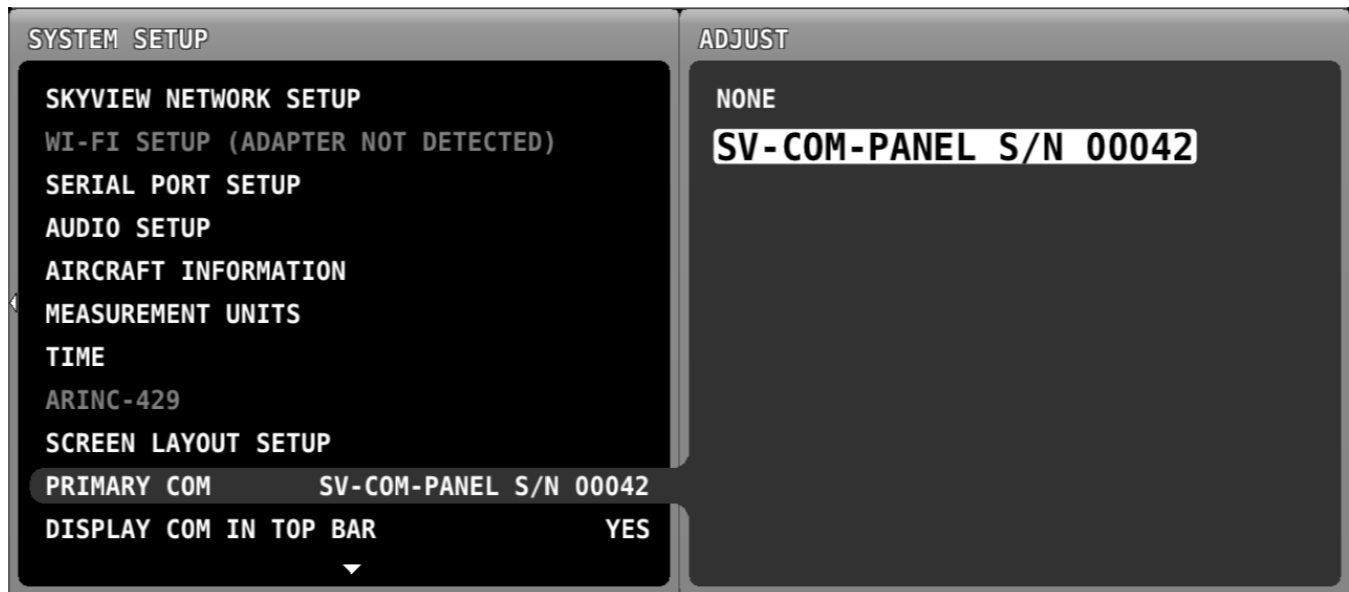


Figure 8 PRIMARY COM Configuration

3.2.12 Display COM in top Bar Menu

Selects whether, or not, frequencies, PTT status, etc. from the COM radio (selected in PRIMARY COM, above) is displayed (see **Figure 8**).

3.2.13 Data Log Setup Menu

Enter this page to configure the recording frequency of SkyView's internal data logging feature, or to clear recorded data. See the User Data Logs Appendix for further information about user data logs. Configure the Data log as desired.

3.3 Local Display Setup Menu Configuration

This menu contains menus and pages related to the individual SkyView display on which this menu is displayed. These settings can be different on one display from another display.

- INSTALLED DATABASES
- DISPLAY HARDWARE INFORMATION
- BRIGHTNESS SETUP
- TOP BAR SETUP
- GPS FIX STATUS
- BATTERY BACKUP (SV-BAT-320) STATUS
- LICENSE
- VIDEO INPUT
- TOUCH SETUP

Some of these menus have specific configuration requirements, while others have optional configurations that can be set to an individual preference, and other menus simply display information. The sections that follow will provide an overview of the information and configuration options contained within the menus, unless the menu has specific requirements. If specific configurations are required, instructions on how to configure the menu will be included.

Configure the menus that follow as described:

3.3.1 Installed Databases

The Installed Databases page provides status of the installed databases and charts software. Any software databases that have expired will be identified in yellow. Refer to **Figure 9**.



Figure 9 Installed Databases Page

3.3.2 Display Hardware Information

The Display Hardware Information page provides information related to the display hardware itself, its software, and its back up battery if connected.

3.3.3 Brightness Setup

The Brightness Setup page provides controls to adjust the displays brightness.

3.3.4 Top Bar Setup

Top Bar Setup allows the time to be set to indicate Zulu or Local time.

3.3.5 GPS Fix Status

GPS Fix Status provides information about the quality of the GPS signals being received, and the number of satellites in view.

3.3.6 Battery Backup SV-BAT-320 Status

Battery Backup Status page provides information about the backup battery, if connected.

3.3.7 License

The License page provides a summary of the licenses installed in SkyView.

3.3.8 Video Input Setup

The Video Input Setup configures the video display on SkyView, providing a video adapter is connected to a SkyView USB port.

3.3.9 Touch Setup

Touch Setup provides configuration options and status information regarding the display's touch system.

3.4 PFD Setup Menu Configuration

This menu contains menus and pages related to Primary Flight Display page and data source (ADAHRS module).

- ADAHRS SOURCE SELECTION
- FLIGHT ANGLE PITCH ADJUST
- AIRSPEED LIMITATIONS
- VERTICAL SPEED SCALE
- G METER
- FLIGHT PATH MARKER
- EXTREME PITCH WARNING
- ANGLE OF ATTACK
- ALTITUDE BUG ALERTER
- CAPTURE BAND
- DEVIATION BAND
- PFD MODE
- BARO MISMATCH WARNING

Some of these menus have specific configuration requirements, while others have optional configurations that can be set to an individual preference, and other menus simply display information. The sections that follow will provide an overview of the information and configuration options contained within the menus, unless the menu has specific requirements. If specific configurations are required, instructions on how to configure the menu will be included.

Configure the menus that follow as described:

3.4.1 ADAHRS Source Selection

This page has a list of all configured SkyView ADAHRS modules and their respective status. The ADAHRS module used as the PFD's source of data can be selected.

3.4.2 Flight Angle Pitch Adjust

This page allows you to adjust the displayed pitch of the waterline symbol (aircraft reference on the attitude indicator) to compensate for the aircraft's attitude in level flight. That attitude can change depending on aircraft loading. This setting is not intended to compensate for an ADAHRS module that is not installed correctly.

3.4.3 Airspeed Limitations

Enter this menu to configure the V-speeds and specify optimal flight parameters, such as the best angle of climb speed, the best rate of climb speed, and the optimum maneuvering speed. These speeds will generate markers and color ranges on the speed tape.

Configure the Airspeed Limitations according to speeds provided in the Aircraft Flight Manual (AFM) that came with your airplane, or the Aircraft Flight Manual Supplement(s) (AFMS) that came with any STC modifications that have been made to your aircraft. See **Figure 10** as an example.

PFD SETUP	AIRSPEED LIMITATIONS
ADAHRS SOURCE SELECTION 200 S/N 00000	TAPE
FLIGHT ANGLE PITCH ADJUST 0.0 DEG	Vs0 - STALL LANDING CONFIG 41 KTS
FLIGHT DIRECTOR SINGLE CUE (INVERTED-V)	Vs1 - STALL SPECIFIC CONFIG 47 KTS
AIRSPEED LIMITATIONS	Vfe - MAXIMUM FLAP EXTENDED 85 KTS
VERTICAL SPEED SCALE 2K FPM / 10 MPS	Vno - MAXIMUM NORMAL OPERATION 129 KTS
G METER	Vne - NOT TO EXCEED 163 KTS
FLIGHT PATH MARKER YES	Vne EXPRESSED AS IAS
EXTREME PITCH WARNING YES	PERFORMANCE
ANGLE OF ATTACK AUDIO ONLY	Vx - BEST ANGLE OF CLIMB 59 KTS
ALTITUDE BUG ALERTER	Vy - BEST RATE OF CLIMB 73 KTS
PFD MODE	Va - MANEUVERING 0 KTS

Figure 10 Airspeed Limitations Configuration

3.4.4 Vertical Speed Scale

Enter this page to select configuration options of the vertical speed tape's scale. Configure as desired.

3.4.5 G Meter

Enter this page to configure G values that will cause the G Meter to be automatically displayed when exceeded; to set the yellow/red cautionary color ranges of the G meter; and whether the max/min recorded G's are reset at each SkyView boot-up. Configure the G meter as desired.

3.4.6 Flight Path Marker

Enter this page to enable/disable display of the flight path marker. Configure the Flight Path marker as desired. Dynon recommends that you enable the Flight Path Marker as it is a valuable safety enhancing tool.

3.4.7 Extreme Pitch Warning

Enter this page to enable/disable display of the extreme pitch warning indicators. Dynon recommends that you enable the Flight Path Marker as it is a valuable safety enhancing tool.

3.4.8 Angle of Attack

Enter this page to enable/disable display of the Angle of Attack indicator. The Angle of Attack indicator requires the angle of attack sensor to be installed.

3.4.9 Altitude Bug Alert

Enter this page to configure the altitude aural alert when you are approaching or departing the altitude set in the ALT bug. Configure as desired.

3.4.10 Capture Band

When the altitude of the aircraft flies within this range of feet/meters of the altitude bug (when displayed), SkyView will announce “approaching altitude” aurally (if audio output is configured). Configure the Capture band as desired.

3.4.11 Deviation Band

When the altitude of the aircraft climbs above or descends below the altitude bug by the range of feet or meters set here, SkyView will announce “departing altitude” aurally (if audio output is configured). Configure the Deviation band as desired.

3.4.12 PFD Mode

As depicted in **Figure 11**, the PFD Mode menu shall have the:

- LAYOUT configuration set to ALWAYS EFIS, which means that the EFIS layout will always be displayed.
- WIDE ANGLE VIEW configuration set to ALWAYS NORMAL, which means the normal view of the horizon on the PFD will always be displayed.

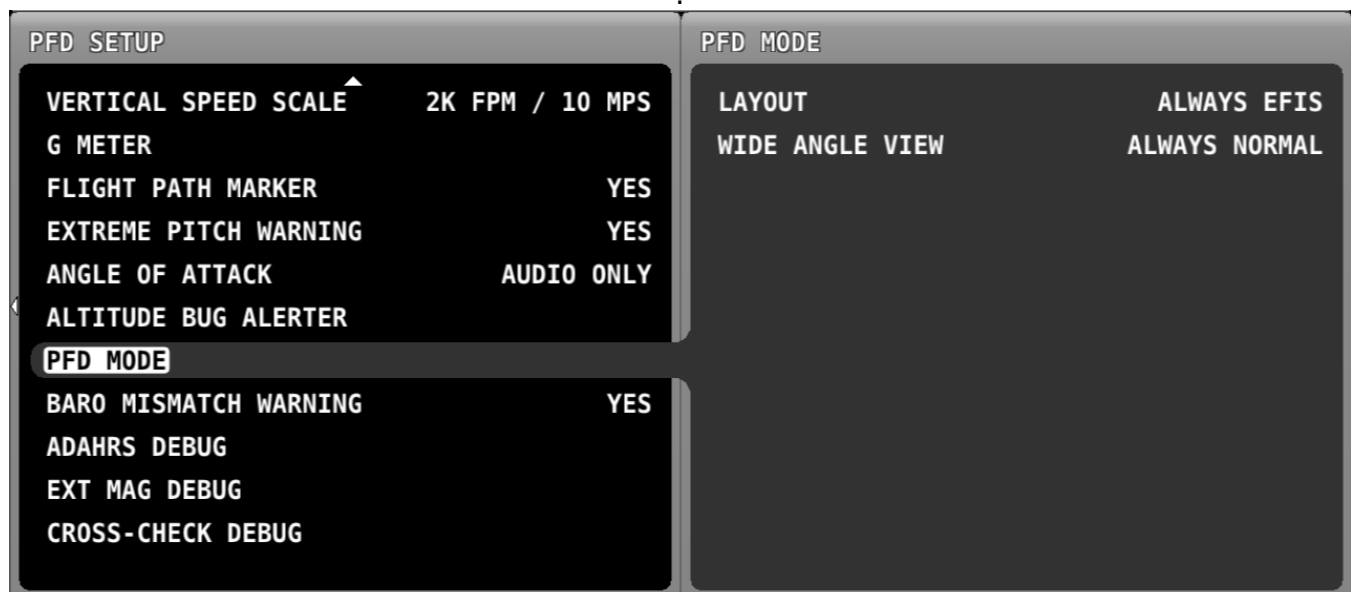


Figure 11 PFD Mode Configuration

3.4.13 Baro Mismatch Warning

Enables / disables a warning message when the current SkyView BARO setting and nearest valid ADS-B METARS report barometric pressure are significantly different. Configure the Baro Mismatch as desired.

3.5 EMS Setup Menu Configuration

This menu contains menus and pages related to Engine Monitoring System and the SV-EMS-220 EMS module, if installed:

- ENGINE INFORMATION
- SENSOR INPUT MAPPING
- SCREEN LAYOUT EDITOR
- SENSOR DEBUG DATA

3.5.1 EMS Configuration File Download

As all the above menus have specific configuration requirements in order to create the certified engine presentation, Dynon provided configuration files have been created and are stored in the CONFIGURATION FILES folder that will configure Engine Monitoring System (EMS) to appear as it has been certified to appear by the FAA. These files will also configure the Autopilot System settings to be as certified:

- 103738-000 - Rev A - SkyView HDX System Configuration - Bonanza P35-V35B.dfg

This file is meant to be loaded into Beechcraft models P35 through V35B Bonanza.

It is imperative that, for this file to work, the airplane be wired in accordance with the 103488-000 - REV A - WIRING DIAGRAM TYPICAL HDX DUAL DISPLAY document.

3.6 MAP Setup Menu Configuration

This menu contains menus and pages related to MAP page and data sources.

3.6.1 Terrain Warning Colors

Sets whether Red and Yellow terrain warning are provided on the Map Page. Configure the Terrain Warning Colors as desired.

3.7 Autopilot Setup Menu Configuration

This menu configures various aspects of the Dynon Avionics Autopilot system, if autopilot servos are installed:

- STATUS
- AUTOPILOT CONTROLS
- ROLL AXIS
- PITCH AXIS
- FLIGHT DIRECTOR
- GO AROUND MODE

Some of these menus have specific configuration requirements, while others have optional configurations that can be set to an individual preference, and other menus simply display information. The sections that follow will provide an overview of the information and configuration options contained within the menus, unless the menu has specific requirements. If specific configurations are required, instructions on how to configure the menu will be included.

If the EMS Configuration file identified in section 3.5.1 EMS Configuration File Download is loaded, the autopilot controls required by certification will also be configured. If not configured, configure the menus as described below.

3.7.1 Status

Displays diagnostic / troubleshooting information for the AP system.

3.7.2 Autopilot Controls

Configure the Autopilot Controls as desired (see **Figure 12**). Note that the EXPERT mode must be selected for the Dynon Avionics SV-AP-PANEL to be active.



Figure 12 Autopilot Controls Configuration

3.7.3 Roll Axis

Configure the Roll axis according to **Figure 13**.

AUTOPILOT SETUP		ROLL AXIS
STATUS		TORQUE 100%
AUTOPILOT CONTROLS	EXPERT	SENSITIVITY 10
ROLL AXIS		ROLL GAIN 2.4
PITCH AXIS		BANK ANGLE LIMIT 20°
YAW AXIS		TRIM ADVICE ANNUNCIATION YES
DISENGAGE BUTTON		AUTO-TRIM ENABLED (NOT INSTALLED)
FLIGHT DIRECTOR	SINGLE CUE (INVERTED-V)	
GO AROUND MODE	DEFAULT CLIMB VS	

Figure 13 Roll Axis Configuration

3.7.4 Pitch Axis

Configure the Pitch axis according to **Figure 14**.

AUTOPILOT SETUP		PITCH AXIS
STATUS		TORQUE 60%
AUTOPILOT CONTROLS	EXPERT	SENSITIVITY 10
ROLL AXIS		PITCH GAIN 1.5
PITCH AXIS		ALTITUDE GAIN 0.6
YAW AXIS		PULL RATE 2.0
DISENGAGE BUTTON		VSI GAIN 1.5
FLIGHT DIRECTOR	SINGLE CUE (INVERTED-V)	G ERROR GAIN 1.0
GO AROUND MODE	DEFAULT CLIMB VS	G ERROR LIMIT 0.35
		DEFAULT CLIMB VERT SPD 500 FT/MIN
		DEFAULT DESCENT VERT SPD 500 FT/MIN
		MAXIMUM AIRSPEED 311 KTS
		MINIMUM AIRSPEED 83 KTS

Figure 14 Pitch Axis Configuration

3.7.5 Yaw Axis

Configure the Yaw axis according to **Figure 15**.

AUTOPILOT SETUP		YAW AXIS	
STATUS		TORQUE	100%
AUTOPILOT CONTROLS	EXPERT	SENSITIVITY	13
ROLL AXIS		RUDDER GAIN	0.6
PITCH AXIS		RUDDER RATE	0.008
YAW AXIS		AY GAIN	0.070
DISENGAGE BUTTON			
FLIGHT DIRECTOR	SINGLE CUE (INVERTED-V)		
GO AROUND MODE	DEFAULT CLIMB VS		

Figure 15, Yaw Axis Configuration

3.7.6 Disengage Button

Configure all disengage button options to NO, such as 'hold to engage,' 'enable broken line detect,' and 'control wheel steering mode', as shown in **Figure 16**.

AUTOPILOT SETUP		DISENGAGE BUTTON	
STATUS		HOLD TO ENGAGE	NO
AUTOPILOT CONTROLS	EXPERT	ENABLE BROKEN LINE DETECT	NO
ROLL AXIS		CONTROL WHEEL STEERING	NO
PITCH AXIS			
YAW AXIS			
DISENGAGE BUTTON			
FLIGHT DIRECTOR	SINGLE CUE (INVERTED-V)		
GO AROUND MODE	DEFAULT CLIMB VS		

Figure 16 Disengage Button Configuration

3.7.7 Flight Director

Chooses the SINGLE CUE (INVERTED V) or DUAL CUE (CROSS BARS) mode of flight director to be displayed on the PFD (see **Figure 17**). Configure the Flight Director as desired.



Figure 17 Flight Director Configuration

3.7.8 Go Around Mode

Configure the GO AROUND options as desired by the Owner/Operator. See **Figure 18** as an example.

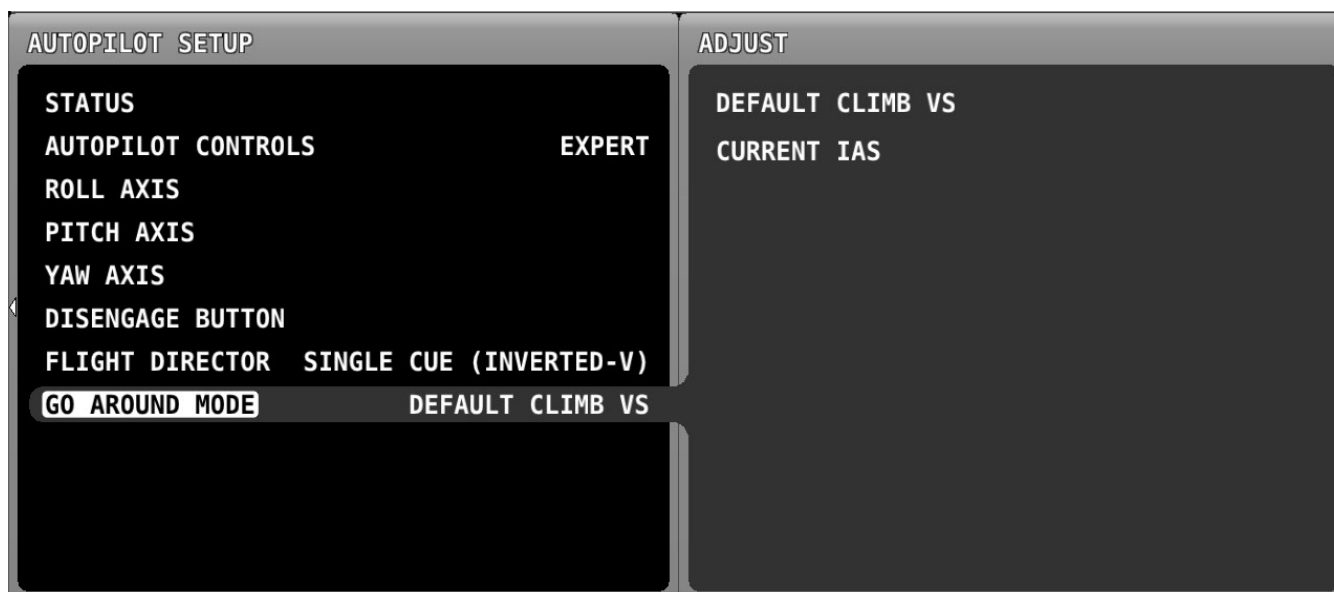


Figure 18 Go Around Mode Configuration

3.8 Transponder Setup Menu Configuration

This menu contains options that are used to set up and configure the SV-XPNDR-261 transponder module, if installed. Refer to SkyView HDX System Installation Manual for more detail.

3.9 Traffic Setup Menu Configuration

The Traffic Setup Menu configures how traffic is displayed on SkyView if the SV-ADSB-472 module is installed. Configure the Traffic Setup Menu as desired.

3.10 COM Radio Setup Menu Configuration

The COM Radio Setup menu adjusts the squelch levels, sidetone audio levels, and MIC gain. Adjust these settings according to the SkyView HDX System Installation Manual.

3.11 Hardware Calibration Menu Configuration

This menu contains links to the following sub-menus:

- ADAHRS CALIBRATION
- EMS CALIBRATION
- AP SERVO CALIBRATION
- TRIM MOTOR CONFIGURATION

3.11.1 ADAHRS Calibration

Enter this menu to make altitude adjustments (e.g., baro and altitude offset) and access the compass and AOA calibration wizards. Refer to SkyView HDX System Installation Manual for instructions on how to accomplish these calibrations.

3.11.2 EMS Calibration

Enter this menu for EMS sensor calibration. You will have options to calibrate fuel tanks and position potentiometers that have been mapped in the Sensor Input Mapping Wizard. Calibration wizards contain onscreen instructions. Refer to SkyView HDX System Installation Manual for instructions on how to accomplish these calibrations.

3.11.3 AP Servo Calibration

Enter this menu for autopilot servo calibration. Refer to SkyView HDX System Servo Installation Manual for instructions on how to accomplish these calibrations.

3.11.4 Trim Motor Configuration

Electric trim is not currently supported for certified aircraft.