

AF-5000 Version 16.06.15 Software Changes

The AF-5000 version 16 software has many user interface changes, you should download the latest AF-5000 Pilots Guide from the following link:

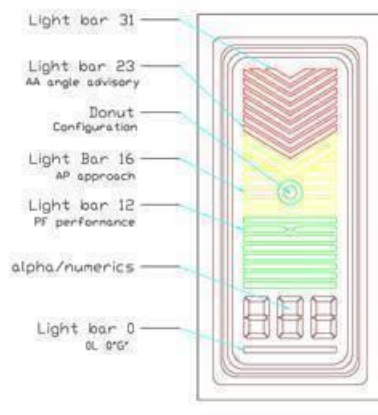
https://www.advancedflightsystems.com/downloads/AF-5000_Pilot_Guide_Manual_V16.pdf

Version 16 Software Changes you should know about:

- **Screen swipe now requires two fingers**
- **Adds option for AOA approach tones. You can configure the AOA tones in the SET > CAL > Configure AOA menu.**

Setting the Alert Tone Start Bar to 16 will cause the AOA tones to start beeping at the normal approach AOA and become a steady tone at the red bar (15% above stall)

If you are using the AOA Pitot tube as the AOA pressure source you should set the 18. Landing Warning Override to 1.0, The factory default setting of 8 is only for the wing pressure ports.



- Improves contrast on roll scale for better visibility
- Adds WX tab to the Nearest Window
- Changes traffic drawing to conform with AC 20-172 (CYAN directional Symbols)
- New Map Icon now fades away so it does not block map data
- Map panning is now always active (no longer have to touch airplane to pan)
- Moved Map Layer Icons to window accessed by hamburger icon on map
- Improved user experience in DISP menu to change the screen layout
- Adds better resolution for the round G-Meter

- Adds insert lines and changes selection colors on flight plan page
- Fixes the G-Meter pop-up mode to activate above 2Gs and below 0Gs
- Adds Info Window pop-up when selection is invalid for FG and Plates
- Adds Red 'X' over map icons when data not available
- Adds push and hold function to FG & APR_PLATE Icon and Map Menu buttons
- Improves text used when images are not valid
- Fixed Flight Director roll error
- Updated ADAHRS Algorithm to reduce pitch movement with airspeed changes
- Updated screen colors
- Larger Fonts for airspeed and altitude, with leading zeros removed
- Reduces filtering on slip ball to make it less sluggish
- Dual Cue flight director option SET > EFIS > (FD DUAL or FD VBAR)
- Improved ADS-B Weather and Traffic Data Handling
- Enables the YAW AY Gain parameter for the Yaw Damper Servo
- Changes TOWER Button label in COM window to CTAF for non-towered airports
- Improved higher resolution Sectional and IFR Charts
- Remote Audio Panel Touch button is now divided into 3 buttons
 - Left Side Changes Transmit to COM 1
 - Center Selects Audio Panel Menu
 - Right Side Changes Transmit to COM 2
- **AF-5400 Menu Changes**
 - Moves NRST to -D-> menu
 - Adds DISP button for screen management
 - Changes primary screen selection buttons to toggle like AF-5600 (SET->EFIS, SET->ENGINE, SET->MAP and SET->FPL)

AF5000 Release Notes

- Vx16.06.15 Official Release 03/22/2021
 - Adds Calibration switch config for ACM-ECB Cabin Lights
 - Expands scanned chart support for international vendors
 - Adds Notification of invalid keys when using PocketFMS
 - Adds ability to run yaw damper without pitch and roll
 - Adds touch acknowledge for CO Guardian Warnings
 - Adds support for Automotive Engines with 6 or 8 EGTs
 - Adds Rudder Lead Support for High Adverse Yaw Aircraft
 - Adds ADS-B Ghost Traffic detection
 - Adds OBS mode support for Internal Flight plan
 - Adds High Burst Pressure part numbers for AF-EMS
 - Adds DISP button for improved screen selection
 - Changes Hobbs Time activation for Non-EMS systems from 13.0Vdc to 13.5Vdc
 - COM Radio page improvements
 - Adds warning bar notification out-of-date maps and charts
 - Adds support for Trig TY91 Headless Radio
 - Adds support to select and view temporary waypoints
 - Adds beeping AOA feature
 - Adds drawing of TFRs to Sectionals and En-route Maps
 - Adds VNE and Flaps Over-speed Audio Alerts
 - Enables one touch pan mode and first touch selection on maps,sectionals, and En-route charts
 - Updates Sportsman airplane icon and company logo
 - Adds 8.33KHz frequency spacing option COM Radios

- Adds Support for PocketFMS Chart Selection
- Adds Map Layer button to aid in map selection
- Removes leading ZEROs on Airspeed and Altitude tapes
- Increases font size on Airspeed and Altitude tapes
- Enables HITS boxes for GPS OBS mode Navigation
- Adds Fuel Tank Transfer option for ACMECB
- Adds COM1_TX and COM2_TX touch buttons to the main screen Audio Panel Tab
- Prevents NACv value from exceeding FAA approved level of 2 with AF-GPS-2020
- Adds Support for Aithre Shield O2 Tank Pressure Sensor
- Adds New "GDL90 / NMEA 115K" serial port function for EchoUAT
- Adds Dynon Serial Data Outputs per Appendix E of SkyView Installation Guide
- SkyView Version 13+ Chart Support for Seattle Avionics
- Internal storage for High Res Terrain to free up room on USB stick
- Dual Cue Flight Director support
- Flight Data Systems (L2e) Ignition Timing support
- Includes many bug fixes and usage enhancements