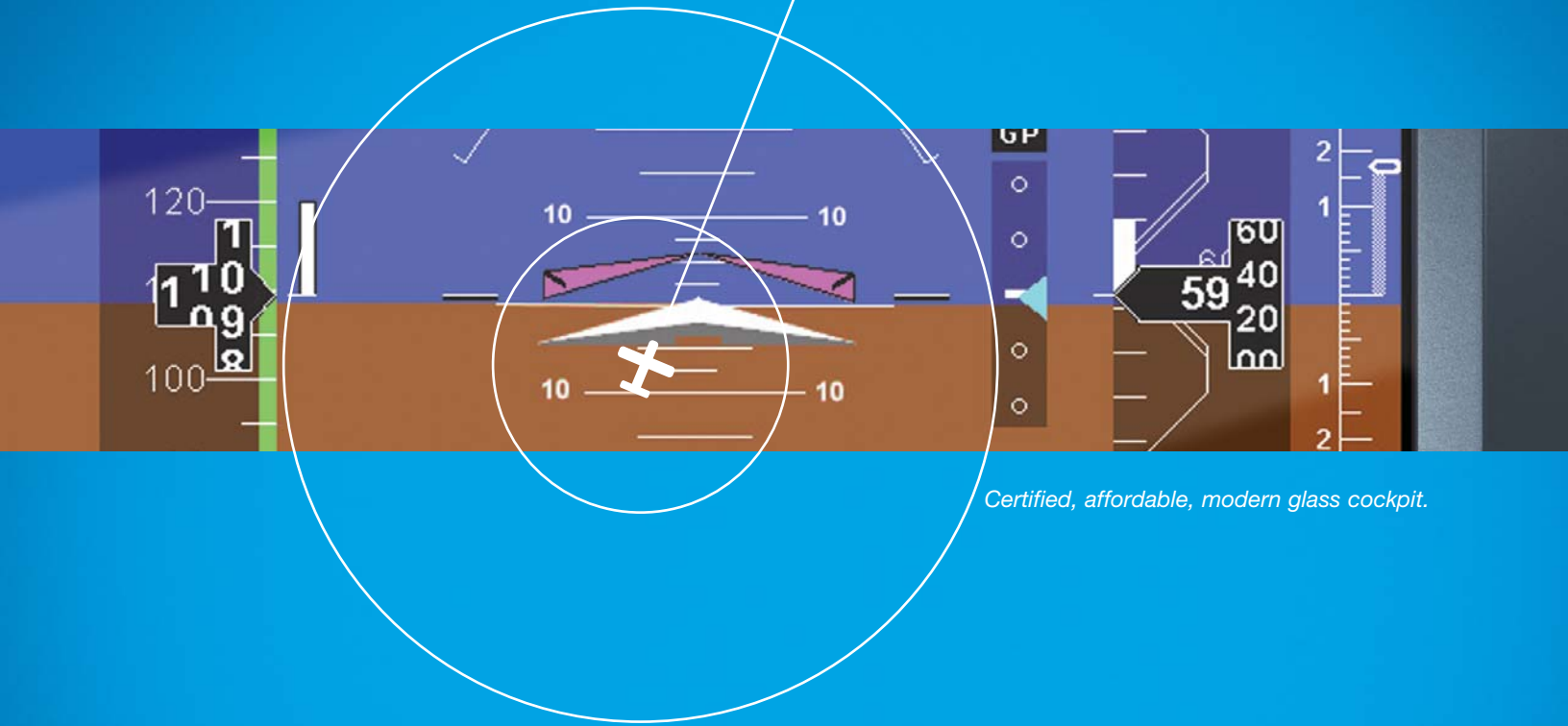# APEX EDGE SERIES KFD 840

Primary Flight Display

Certified, affordable, modern glass cockpit.

BendixKing
by Honeywell

The certified KFD 840 integrated Primary Flight Display (PFD) stands at the forefront of the new Apex Edge Series from Bendix/King by Honeywell. Its combination of the latest technology, size, affordability and full functionality make it unique in general aviation. The KFD 840 delivers its information via a large 8.4" diagonal LCD display with high resolution and excellent sunlight readability—but is sized for easy installation in existing piston engine cockpits. The display format is tried and true, descended from Honeywell's proven business-jet display symbology.

EXPAND YOUR POINT OF VIEW

KFD 8

Value Today and Growth for Tomorrow

The KFD 840 is a fully certified, highly affordable unit designed for installation in Part 23 piston engine aircraft. It will interface with most existing flight directors, autopilots and navigation radios. To stay on the leading edge as future standards evolve, it features an SD card slot on the side of the bezel, which is also designed to accept customizable checklist loads and other airplane information. The KFD 840 is ready today but will support your avionics needs into the future.

KFD 840 Specifications

Size	8.5" W x 7" H x 7.3" D
Weight	< 8 lbs
Power	11-33 VDC
Screen Diagonal/Display Size	8.4" Active Matrix LCD
Resolution	640 W x 480 H (307, 200 Pixels)
Certification	
DO-178B, Level C	
DO-160E	
TSO, ETSO	
Interfaces	
Full set of analog and digital interfaces to work with the more popular autopilot systems	
KX-155/165 compatible analog interfaces, plus a full set of ARINC 429 and RS-232 interfaces to work with popular digital NAV and GPS systems	
Additional available digital interfaces to support future growth	

Please refer to the website for the most current information.

Enhance Your Safety and Perception

The KFD 840 is a self-sufficient unit with an embedded Air Data module and MEMS Attitude and Heading Reference System (ADAHRS). In the event of loss of aircraft electrical power, an optional battery unit will keep power to the ADAHRS for full availability of all attitude, heading and air data functions to the pilot. Other standard features include a customizable checklist and certified flight director. This powerful combination of features brings unprecedented value to the pilot in terms of added safety, ease of use, future growth and innovation.

Easy to Use and Install

Designed for simplicity and ease of use, the KFD 840 features separate course and heading knobs and menu-driven hybrid keys across the bottom of the bezel. The number of button pushes and menu selections are designed to be minimal and intuitive to the pilot. Information becomes available at the touch of a button or a simple turn of the knob. Easy to install, the KFD 840 will easily replace the analog instruments in the steam gauge "six pack" with minimal down-time for existing aircraft.

KFD 840 Features

Full width horizon ADI	Easy-to-read vertical tapes for altitude and airspeed
Large 8.4" diagonal display	Separate course and heading knobs
Integrated ADAHRS	Customizable checklist page
Optional battery backup	Certified flight director

FEATURES

- Airspeed and Altitude Bug Settings
- Datacard
- Airspeed
- Wind Speed Components
- Course, Airspeed Bug Set
- Dedicated Hybrid Keys
- Wide Horizon Attitude
- Glideslope, Altitude, VSI
- HSI With Bearing Pointers
- Key Labels
- Heading, Baro Set, Altitude Bug

Technology Backed by Experience

This new all-glass, fully functional PFD utilizes accurate, high-performance technology. The kind that is built from the best business jet symbology into the only large-screen retrofit made affordable for aircraft under 6,000 lbs. The large 8.4-inch display is crystal clear, with intuitive graphics for quick scanning and instant awareness. Its integrated solid-state gyros are so accurate that they do not require special aiding. It works standalone or with your existing avionics.

KFD 840 Quick Feature Comparison

Feature	Bendix/King	Competitor
Screen Size	8.4" Diagonal	6.1" x 3.0"
Actual ADI Size	7" x 3.5"	2.5" x 2.5"
Embedded ADAHRS	Yes	Yes
VOR Display	2	2
Course/Heading Bugs	Yes	Yes
Backup Battery	Optional	Yes
Checklists	Yes	No
Weight and Balance (future growth)	Yes	No
Engine Monitoring	Growth	No

For more details on the KFD 840 or other products in the Apex Edge Series, please visit us at www.bendixking.com/apexedgeseries.

Bendix/King by Honeywell is a global provider of avionics, communications and flight controls for the general aviation market.