



Evolution Pro H PFD

TAS 86 kt GS 92 kt OAT 7°C 175°/10 kt 30.08 in



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# EVOLUTION

## FLIGHT DISPLAY

### 1000 PRO H PFD

## Your glass cockpit has arrived.

You hold in your hand a life-size image of the remarkable Evolution Pro H PFD (Primary Flight Display) for helicopters. Aspen's EFIS display technology is a perfect fit for helicopter panels, with robust AHRS features and the latest in solid-state technology. Special vibration isolation design meets the rigors of demanding helicopter operations. Unparalleled reliability and accuracy make every mission safer. Breakthrough pricing makes EFIS display technology available for a fraction of the cost of traditional EFIS systems.

The Pro H PFD delivers enhanced safety, reduced pilot workload and the flexibility to expand as your needs grow. The Pro H PFD is part of the Evolution Flight Display series, which can provide full PFD redundancy and many additional capabilities. For more information go to [www.aspenavionics.com](http://www.aspenavionics.com).



THE INNOVATIVE EVOLUTION SERIES  
FORM FACTOR INSTALLS EASILY IN EXISTING  
HELICOPTER INSTRUMENT PANELS, AND  
ELIMINATES BULKY REMOTE BOXES  
AND HEAVY WIRING.

ASPEN  AVIONICS™

A NEW WAY TO LOOK AT AVIONICS™

[www.aspenavionics.com](http://www.aspenavionics.com)

**PRO H PFD FEATURES:**

- Special vibration mount meets DO-160F helicopter vibration standards.
- Airspeed and altitude tapes, with altitude alerter (and separate approach minimums alerting)
- Built-in GPS Steering<sup>1</sup>
- Full electronic HSI with dual bearing pointers
- Base map with flight plan legs and waypoints, curved flight paths<sup>1</sup>, and nearby nav aids
- Integral Air Data Computer and Attitude Heading Reference System (ADAHRS)
- Built-in backup battery
- Optional EHA upgrade provides traffic and weather displays<sup>2,3</sup>

<sup>1</sup> With compatible GPS navigators

<sup>2</sup> Requires ARINC 735A compatible traffic system.

<sup>3</sup> Requires Aspen EWR50 Weather Receiver or equivalent.

**GENERAL SPECIFICATIONS:**

Overall Dimensions	3.50"W x 7.00"H x 4.15"D
Weight	2.30 lbs. (2.96 lbs. with installation hardware)
Display Type	6.0" Diagonal TFT Active Matrix LCD (400x760)
Display Backlight	High Intensity White LED
Display Colors	32,768

**OPERATIONAL SPECIFICATIONS:**

Operating Temp	-20°C to +55°C
Storage Temp	-55°C to +85°C
Max Operating Altitude (Ambient)	35,000
Cooling	Integral Fan
Max Humidity	95% at 50°C
Input Voltage	+8 to +32 Volts DC
Max Current	2.4 Amps @ 28 Vdc 4.8 Amps @ 14 Vdc

**INTEGRATION SPECIFICATIONS:****Navigation Sources**

Dual ARINC 429 GPS, Dual RS-232 GPS, Dual VHF Navigation Radios, Radar Altimeter Decision Height (DH) Annunciation

**CERTIFICATIONS:****FAA and EASA Technical Standard Orders**

TSO: C2d, C3d, C4c, C6d, C8d, C10b, C106, C113

**Supplemental Type Certificate (STC)**

Please contact your Regional Sales Manager for current information on pending approvals.

*Features and specifications are subject to change without notice.*



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*Evolution Pro H PFD shown actual size*