

# EVOLUTION FLIGHT DISPLAY SYSTEM

## 1000 PFD SERIES



- Lowest price full-featured glass panels for GA retrofit
- Advanced EFIS six-pack replacement
- The only upgradable PFD-only EFIS on the GA market
- Works with your panel's existing avionics — nearly every GPS or nav radio
- Broadest autopilot/flight director support
- Optional terrain, traffic, and weather
- Expandable and upgradable
- Easiest installation
- Lightest weight
- Award-winning customer service
- No-nonsense warranty
- Best value

## Your Glass Cockpit Has Arrived

The award-winning Aspen Evolution™ 1000 series Primary Flight Displays (PFDs) deliver exceptionally easy-to-use, advanced glass panels at the lowest price on the market. Choose from the least expensive high-performance basic glass panel 1000 Pilot PFD or the top-of-the-line 1000 Pro PFD.

Not only are Aspen PFDs the most affordable GA glass on the market, your fly-away cost is made even lower because Aspen's patented retrofit technology delivers substantially lower installation costs. There's no need for expensive new panel modifications; Evolution Flight Displays (EFDs) uniquely retrofit directly into your aircraft's six-pack panel holes. The self-contained EFDs also don't require the installation of heavy remote mount boxes. And since Evolution displays work with the avionics already in your panel — no matter what make — you don't have to upgrade your GPS or radios.

The 1000 Pilot and 1000 Pro PFDs provide professional-grade EFIS primary flight instruments. The Pilot has a slaved Directional Gyro while the Pro

includes a full-featured electronic HSI with moving map. Choose the level of features and capabilities that suit your needs and budget.

Evolution EFDs are fully software upgradable, so you can upgrade your PFD from Pilot to the Pro, add comprehensive hazard awareness capabilities, and other new features — all without removing the display from your panel. Evolution also delivers greater flexibility since Aspen flight displays work with your existing GPS, radios, and traffic sensors, so you don't have to upgrade them until you're ready.

The highly flexible Evolution Primary Flight Displays are the only upgradable single PFD glass panels available and deliver the lowest cost option for adding PFD glass to your aircraft. The modular Evolution system lets you expand your glass panel with one or two Multi-function Flight Displays (MFDs) as your needs grow and your budget permits.

Evolution — your glass panel begins here.

# EVOLUTION FLIGHT DISPLAY SYSTEM

## 1000 Pilot PFD



## 1000 Pro PFD



### 1000 PILOT PFD FEATURES:

- Airspeed and altitude tapes
- Integral altitude alerter
- Slaved directional gyro with heading bug
- Base map with flight plan legs and waypoints, curved flight paths<sup>1</sup>, and nearby nav aids
- GPS flight plan map views: 360° & ARC
- Display of real-time winds aloft, OAT, TAS, and ground speed<sup>1</sup>
- Integral Air Data Computer and Attitude Heading Reference System (AHRS)
- Built-in backup battery and emergency GPS
- Brilliant, direct sunlight-readable, 6-inch 760x400 TFT active matrix LCD display (140 pixels/inch)

<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.

<sup>4</sup>See [www.aspenavionics.com/availability](http://www.aspenavionics.com/availability) for product availability dates.

See [www.aspenavionics.com/approvals](http://www.aspenavionics.com/approvals) for the latest list of approved aircraft makes and models and autopilot/flight director systems.

Features and specifications are subject to change without notice.

### 1000 PRO PFD FEATURES:

All the features of the EFD1000 Pilot primary flight display plus:

- Full electronic HSI with dual bearing pointers
- Integrates with most GA autopilot and flight director systems
- Dual GPS and dual VHF nav support
- Built-in GPS Steering<sup>1</sup>
- Separate approach minimums alerting
- Optional Evolution Synthetic Vision<sup>4</sup>
- Optional Evolution Hazard Awareness (EHA) upgrade provides traffic and weather displays<sup>2,3</sup>

### Optional Evolution Synthetic Vision



Evolution Synthetic Vision is an optional expansion to the Evolution 1000 Pro PFD that presents a real-time 3D rendered view of terrain, traffic, and other hazards. The synthetic rendering simulates the view from the cockpit on a bright day, so it's especially helpful to provide situational awareness when flying during conditions of reduced visibility or darkness.

Evolution Synthetic Vision sets a new industry benchmark for precision — with 3 arc second terrain data accuracy. The Evolution Flight Display's 140 pixels per inch resolution delivers the finest detail rendered views of any glass panel on the market.<sup>4</sup>



Add a 1000 MFD and/or a 500 MFD for a total glass cockpit system that can include DuoSafe™ PFD redundancy and more display area than competing flight displays.

ASPEN AVIONICS™  
A NEW WAY TO LOOK AT AVIONICS

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