

# EVOLUTION FLIGHT DISPLAY SYSTEM

## 1000 PRO C3 PFD



- Lowest price full-featured glass panels for Class III 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
- Expandable and upgradable
- Easiest installation
- Lightest weight
- Award-winning customer service
- No-nonsense warranty
- Best value

## Your Glass Cockpit for Class III 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. The Evolution Flight Display System gives you the feature-rich, reliable and cost-effective avionics package you're looking for that can be installed with minimal downtime.

The EFD1000C3 Pro PFD is a professional-grade EFIS system — certified to meet the software standards for Part 23 Class III aircraft. The Pro C3 PFD includes a full-featured electronic HSI with moving map, solid state AHRS, backup battery, emergency GPS, altitude alerter, and more.

Aspen's patented retrofit technology delivers substantially lower installation costs with reduced downtime. Only Evolution installation uses existing instrument holes so there's no need for expensive panel modifications — that's not true for all other so-called six-pack replacements. Evolution EFDs are self-contained and don't require installation of heavy remote mount boxes. Evolution displays work with the avionics already in your panel — no matter what make — you don't have to buy new GPSs or radios. The Evolution PFD replaces aging gyros, saving you thousands in ongoing overhaul costs.

Evolution EFDs are fully upgradable. New features can easily be uploaded to your PFD without removing the display from your panel. Evolution Primary Flight Displays are the only upgradable single PFD glass panels available.

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. Adding a 1000 or 500 MFD allows you to add on hazard awareness features like weather, traffic and Stormscope, as well as geo-referenced charts and airport diagrams.

The 1000 MFD also includes fully redundant ADAHRS sensors. In the event of PFD failure, a simple push of the REV button converts the 1000 MFD to a fully functioning PFD. Evolution delivers a total glass panel solution that improves safety, reliability and situational awareness for all operations.

Evolution — your glass panel begins here.

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## 1000 Pro C3 PFD



### EFD1000C3 PRO PFD FEATURES:

- Software certified to Level B assurance levels for FAR Part 23 Class III aircraft
- Solid-state Attitude and Heading Reference System (AHRS)
- Backup battery and emergency GPS with guaranteed 30 minutes of backup time
- GPS flight plan map views, choose from 360° or Arc view
- Full electronic Horizontal Situation Indicator (HSI) with dual bearing pointers
- Electronic Attitude Director Indicator (ADI) with airspeed and altitude tapes
- Approach mode with lateral and vertical deviation indicators and approach minimums alert
- Integral GPS Steering<sup>1</sup>
- Altitude alerter
- Dual GPS and dual VHF nav support
- Autopilot & flight director integration
- Slaved directional gyro with heading bug
- Display of real-time winds aloft, OAT, TAS, and ground speed<sup>1</sup>
- Base map that can display GPS flight plan legs, curved flight paths<sup>1</sup>, waypoints, navaids and airports
- 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>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.

### 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>2</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)