

EVOLUTION FLIGHT DISPLAY SYSTEM

EVOLUTION 2500 PACKAGE



- Twice the MFD display area for enhanced situational awareness
- DuoSafe™ 1000 Pro PFD/1000 MFD redundancy backs up all critical sensors and systems
- Advanced EFIS six-pack replacement
- Photo-quality moving maps and crisp, clear text
- Geo-referenced charts and airport diagrams
- Terrain, traffic, maps and weather
- Works with nearly every GPS or nav radio
- Broadest autopilot/flight director support
- Easiest installation
- Lightest weight
- Award-winning customer service
- No-nonsense warranty
- Best value

Evolution 2500 Package — The Total Glass Cockpit System

The Evolution™ 2500 Package combines the powerful, award-winning EFD1000 Pro PFD (Primary Flight Display), the EFD1000 MFD (Multi-function Flight Display), and the EFD500 MFD to deliver Aspen's total glass cockpit solution. The Pro PFD and 1000 MFD provide the safety and confidence of DuoSafe™ PFD redundancy. The 500 MFD expands display area to put more flight data where you want it — the way you want it. Aspen makes the total glass cockpit experience for GA aircraft both easy-to-use and affordable with patent-pending retrofit technology and superior compatibility for substantially lower installation costs and total cost of ownership.

The Pro PFD provides professional-grade EFIS primary flight instruments, a full-featured electronic HSI, and moving maps. The 1000 MFD doubles your panel's display area and delivers full redundancy of critical systems and sensors. The 500 MFD rounds out the package to deliver the largest display area and most flexible glass panel on the market. All that display area also allows you to view your approach chart and moving map at the same time — cross check your position with ease!

The 1000 MFD incorporates the exact same hardware and software as the PFD, so these units give you two of *everything*, not just two displays: dual

independent AHRS, Air Data Computers, compass systems, HSIs, and more.

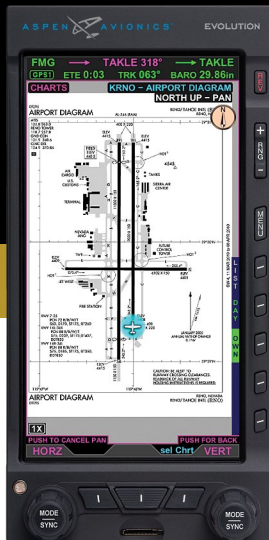
With Aspen's exclusive DuoSafe PFD redundancy, if your PFD fails you simply press the 1000 MFD's REV button and it becomes the PFD — converting into an identical backup right in your primary instrument scan. This identical PFD backup means less stress and potential confusion in a pressure situation. *No other GA glass cockpit system gives you this level of redundancy and confidence at any price!*

The Evolution 2500 Package delivers value pricing compared to installing the 1000 Pro PFD, 1000 MFD, and 500 MFD separately. Evolution Flight Displays are fully upgradable, so you can add comprehensive hazard awareness capabilities and other new features via software upgrades, without removing displays from your panel.

Evolution 2500 Package — your ultimate glass panel.



500 MFD



1000 Pro PFD



1000 MFD



EFD500 MFD FEATURES:

- High resolution aviation style moving maps with hazard awareness overlays
- Customizable screen layouts
- Geo-referenced charts and airport diagrams
- Evolution Hazard Awareness (EHA)
Built-in Terrain Awareness system Traffic²
WX500 Stormscope[®] compatibility
XM WX[®] Satellite Weather, with all XM WX aviation weather products³
- Built-in backup battery
- Brilliant, direct sunlight-readable, 6-inch 760x400 TFT active matrix LCD display (140 pixels/inch)

¹ See www.aspenavionics.com/availability for product availability dates.

² Requires ARINC 735A compatible traffic system.

³ Requires Aspen EWR50 Weather Receiver or equivalent.

⁴ With compatible GPS navigators.

⁵ Emergency GPS available with optional upgrade.

⁶ Optional battery backup required.

See 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.

EFD1000 PRO PFD FEATURES:

- Airspeed and altitude tapes
- Altitude alerter (and separate approach minimums alerting)
- Full electronic HSI with dual bearing pointers
- Base map with flight plan legs and waypoints, curved flight paths⁴, and nearby nav aids
- Integrates with most GA autopilot and flight director systems
- ARC and 360° views with dual GPS and dual VHF nav support
- Built-in GPS Steering⁴
- Display of real-time winds aloft, OAT, TAS, and ground speed⁴
- Integral Air Data Computer and Attitude Heading Reference System (ADAHRS)
- Built-in backup battery and emergency GPS
- Optional Evolution Synthetic Vision¹
- Optional Evolution Hazard Awareness (EHA) upgrade provides traffic and weather displays^{2,3}
- Brilliant, direct sunlight-readable, 6-inch 760x400 TFT active matrix LCD display (140 pixels/inch)

EFD1000 MFD FEATURES:

- High resolution aviation style moving maps with hazard awareness overlays
- Customizable screen layouts
- Geo-referenced charts and airport diagrams
- Allows removal of redundant mechanical backup instruments⁶
- Evolution Hazard Awareness (EHA)
Built-in Terrain Awareness system Traffic²
WX500 Stormscope[®] compatibility
XM WX[®] Satellite Weather, with all XM WX aviation weather products³
- Duplicate sensor set provides DuoSafe™ PFD redundancy if PFD fails
- Built-in backup battery and emergency GPS⁵
- Brilliant, direct sunlight-readable, 6-inch 760x400 TFT active matrix LCD display (140 pixels/inch)