

# EVOLUTION FLIGHT DISPLAY SYSTEM

## EVOLUTION 1500



- Lowest price full-featured glass panel for GA retrofit
- Advanced EFIS six-pack replacement
- Photo-quality moving maps and crisp, clear text
- Geo-referenced charts and airport diagrams
- Terrain, traffic, maps and weather
- Optional Evolution Synthetic Vision
- Works with your panel's existing avionics — nearly every GPS or nav radio
- Broadest autopilot/flight director support
- Easiest installation
- Expandable and upgradable
- Lightest weight
- Award-winning customer service
- No-nonsense warranty

## Evolution 1500 — The Most Flexible and Affordable Glass Cockpit System

The Evolution™ 1500 delivers powerful, full-featured Primary Flight Display (PFD) and Multi-function Flight Display (MFD) capabilities at the lowest price on the market. Versatile and exceptionally easy-to-use, this pair of Evolution Flight Displays gives you the advanced glass panel technology to make every flight safer and more enjoyable.

And your fly-away cost is made even lower because Aspen's patented retrofit technology delivers substantially lower installation cost. There's no need for costly 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 Pro PFD provides professional-grade EFIS primary flight instruments, with a full-featured electronic HSI with moving map. The 500 MFD adds photo-quality moving maps, terrain awareness, geo-referenced charts and

airport diagrams, and (with optional or existing sensors) traffic displays, WX500 Stormscope® display, and the full suite of XM WX® aviation weather products.

The modular Evolution Flight Displays are fully upgradable, so you can add comprehensive hazard awareness capabilities, Evolution Synthetic Vision, and even a second MFD to complete a three-display glass cockpit system. Evolution 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.

Evolution 1500 — most flexible, most compatible, lowest cost.

# EVOLUTION FLIGHT DISPLAY SYSTEM

## EVOLUTION 1500

### 1000 Pro PFD



### 500 MFD



PFD and MFD displays showing optional Evolution Synthetic Vision.

### 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 paths<sup>1</sup>, and nearby navaids
- Integrates with most GA autopilot and flight director systems
- ARC and 360° views with dual GPS and dual VHF nav support
- Built-in GPS Steering<sup>1</sup>
- 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
- Optional Evolution Synthetic Vision<sup>4</sup>
- Optional Evolution Hazard Awareness (EHA) upgrade provides traffic and weather displays<sup>2,3</sup>
- Brilliant, direct sunlight-readable, 6-inch 760x400 TFT active matrix LCD display (140 pixels/inch)

### 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 Traffic<sup>2</sup>
- WX500 Stormscope® compatibility XM WX® Satellite Weather, with all XM WX aviation weather products<sup>3</sup>
- Built-in backup battery
- 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.

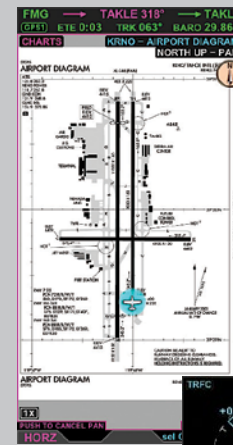
<sup>3</sup>Requires Aspen EWR50 Weather Receiver or equivalent.

<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.

### The 500 MFD — Multi-Function Versatility



Easily zoom, pan, and see your present position overlaid on geo-referenced charts and airport diagrams. In flight, cross-check positioning between chart and moving map.

Enhance situational awareness with a large traffic display for busy terminal environments, and hi-res sectional-style map with your flight plan overlaid.



Three dedicated displays in one; with your choice of content in each. Shown here: monitor potential traffic and weather hazards, while tracking progress along your IFR flight plan.



Add an Evolution 1000 MFD for a total glass cockpit system, including 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)