

EVOLUTION FLIGHT DISPLAY SYSTEM

EVOLUTION 2000 MAX

Safer by Design



Pro MAX PFD

MFD1000 MAX

Evolution 2000 MAX – MFD Versatility With Full PFD Backup

The Evolution™ 2000 MAX combines the powerful, award-winning Pro MAX Primary Flight Display (PFD) and the MFD1000 MAX Multi-function Display (MFD) to provide a system with MFD versatility and twice the safety and redundancy.

The Pro MAX PFD and MFD1000 MAX provide the safety and confidence of PFD redundancy. If your PFD fails, simply press the REV button on the 1000 MFD and it becomes the PFD – converting into an identical backup right in your primary instrument scan. This 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.*

Aspen makes the total glass cockpit experience both easy-to-use and affordable with patented retrofit technology and superior compatibility for substantially lower installation costs and total cost of ownership.

Evolution 2000 MAX – exceptional versatility, unmatched redundancy.

Key Features

- Advanced EFIS six-pack replacement
- Pro MAX PFD/MFD redundancy backs up all critical sensors and systems
- Twice the display area for enhanced situational awareness
- Built-in backup battery and emergency GPS
- New, vibrant colors with the latest aviation glass
- Higher reliability and faster refresh rates with the latest generation processors
- Brilliant, direct sunlight-readable, 6-inch 760x400 TFT active matrix LCD display capable of displaying over 30 million colors (140 pixels/inch)
- Photo-quality moving maps and crisp, clear text
- Terrain, traffic, maps and weather
- ADS-B In weather and traffic¹
- Audio panel interface
- Fully expandable and software upgradable – when new technology becomes available no need for unit replacement
- Optional Evolution Synthetic Vision and Angle of Attack
- Works with your existing avionics with broadest autopilot/flight director integration
- Lightest weight with easy system installation
- Award-winning customer service
- No-nonsense warranty

¹with compatible ADS-B transceiver, receiver or transponder

EVOLUTION 2000 MAX

Pro MAX PFD



Displays showing optional Synthetic Vision and Angle of Attack.

MFD1000 MAX



Pro MAX PFD Features:

- GPS-aided AHRS in the event of pitot static failure
- Font and window enlargement capable
- 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 paths¹, and nearby nav aids
- Built-in GPS steering¹
- Display of real-time winds aloft, OAT, TAS, and ground speed¹
- Integral Air Data Computer and Attitude Heading Reference System (AHRS)

MFD1000 MAX Features:

- Duplicate sensor set providing PFD redundancy on MFD if PFD fails
- Allows removal of redundant mechanical backup instruments²
- Secondary HSI
- Chart and countdown timers
- Height above ground level (AGL) on navigation and terrain maps
- METAR flags on navigation map
- High resolution moving maps with hazard display overlays
- ADS-B traffic and weather³
- Customizable screen layouts
- Font enlargement
- Charts and geo-referenced airport diagrams

¹ With compatible GPS navigators

² Optional battery backup required

³ With compatible ADS-B transceiver, receiver or transponder
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.

Multi-function Display (MFD) PFD Function Redundancy

Dual independent Attitude and Heading Reference Systems (AHRS)

- Dual electronic attitude gyros
- Dual attitude indicators
- Dual magnetic flux gates
- Dual gyro compass systems
- Dual HSIs

Dual independent Air Data Computers (ADC)

- Dual airspeed indicators
- Dual altimeters
- Dual VSIs
- Dual OAT probes

Dual independent backup batteries

EVOLUTION Dual independent battery-powered emergency GPS receivers³



Add a second Evolution MFD500 MAX for a total glass cockpit system with more display area and versatility than competing flight displays.



www.aspenavionics.com