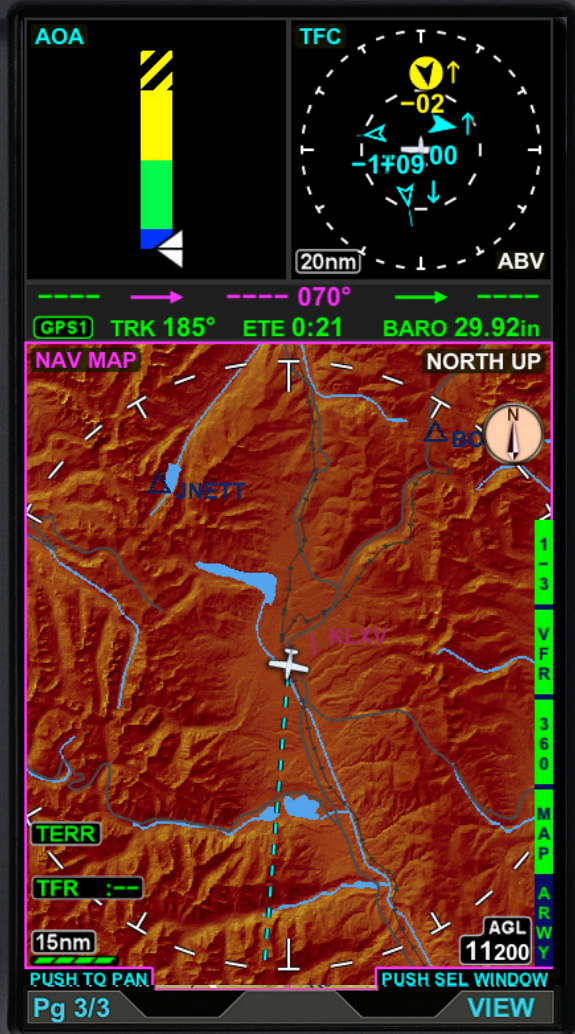


ASPEN AVIONICS EVOLUTION

ASPEN AVIONICS EVOLUTION



MODE
SYNC

MODE
SYNC

MODE
SYNC

MODE
SYNC

Your glass cockpit, doubled – to the MAX

Adding the Evolution 1000 MFD (Multi-function Display) to your Aspen Primary Flight Display (PFD) doubles your display area – providing flexible display of moving maps, datalink weather, traffic, charts, geo-referenced airport diagrams and so much more that's brand new:

- New vibrant colors with the latest aviation glass
- Higher reliability and faster refresh rates with the latest generation processors
- Chart and countdown timers
- Height above ground level (AGL) on navigation and terrain maps
- METAR flags on navigation map

Built on the same platform as the Evolution 1000 PRO PFD, the 1000 MFD MAX provides full PFD redundancy, duplicating all critical sensors and systems. The 1000 MFD MAX can instantly become a fully-functional backup PFD.

For more information visit www.aspenavionics.com

Displays showing optional Evolution Synthetic Vision and Angle of Attack Indicator.



1000 MFD MAX
MULTI-FUNCTION DISPLAY

EVOLUTION 1000 MFD AND MAX FEATURES:

- Duplicate sensor set providing full PFD redundancy
- Eliminates requirement for backup instruments
- Sectional-style moving maps with hazard awareness overlays
- Charts and geo-referenced airport diagrams
- Customizable screen layouts
- Built-in backup battery and emergency GPS¹

Evolution Hazard Awareness

- Altitude intercept arc on navigation map and terrain screen
- Built-in terrain awareness
- Traffic overlay on map via interface²
- Weather
 - WX500 Stormscope interface
 - Datalink weather³

| | |
|---------------------------------|----------------------|
| Hi-res NEXRAD radar | AIRMETs |
| Radar coverage map | SIGMETs |
| Precipitation type (at surface) | TFRs |
| Echo tops | Storm weather tracks |
| Cloud tops | Lightning |
| Winds aloft (by altitude) | METARs |
| Satellite mosaic (by altitude) | TAFs |

¹ Emergency GPS available with optional upgrade.

² Requires ARINC 735A compatible traffic system.

³ Requires Aspen EWR50 Weather Receiver or equivalent.

GENERAL SPECIFICATIONS:

| | |
|--------------------|---|
| Overall Dimensions | 3.50" W x 7.00"H x 4.15"D |
| Weight | 2.9 lbs. with mounting bracket |
| Display Type | 6.0" Diagonal TFT Active Matrix LCD (400x760) |
| Display Backlight | High Intensity White LED |
| Display Colors | >16M |

OPERATIONAL SPECIFICATIONS:

| | |
|------------------------------|--------------------------------------|
| Operating Temp | -20°C to +55°C |
| Storage Temp | -55°C to +85°C |
| Max Operating Alt. (Ambient) | 35,000 |
| Cooling | Integral Fan |
| Max Humidity | 95% at 50°C |
| Input Voltage | +8 to +32 Volts DC |
| Max Current | 2.4 Amps @ 28 Vdc, 4.8 Amps @ 14 Vdc |

CERTIFICATION CANDIDATES:

FAA and EASA Technical Standard Orders
TSO/ETSO: C2D, C3D, C4C, C6D, C8D, C10B, C106, C113
Supplemental Type Certificate (STC)
Approved Model List (AML)⁴

⁴ See www.aspenavionics.com/approvals for the latest list of approved aircraft makes and models.