

TAKLE → RW16R 164° → ---
 GPS1 ETE 0:05 TRK 165° BARO 29.92in



Evolution 1000 MFD



PUSH TO PAN
Pg 3/3

PUSH SEL WINDOW
VIEW

REV

+
RNG
-

MENU

-

-

-

-

-

MODE
SYNC

MODE
SYNC

EVOLUTION FLIGHT DISPLAY SYSTEM

1000 MFD

Your glass cockpit, doubled.

Adding an Evolution 1000 MFD (Multi-Function Flight Display) to your Aspen PFD doubles your display area — providing flexible display of moving maps, datalink weather, traffic, charts and geo-referenced airport diagrams, built-in terrain awareness, and much more.

Built on the same platform as the 1000 Pro PFD, the 1000 MFD provides full PFD redundancy, duplicating all critical sensors and systems. The 1000 MFD can instantly become a fully-functional backup PFD if your Pro PFD should deteriorate or fail.

For more information visit www.aspenavionics.com.



Displays showing optional Evolution Synthetic Vision.

**THE 1000 MFD'S INNOVATIVE FORM FACTOR
INSTALLS EASILY NEXT TO YOUR PFD.**

ASPEN AVIONICS™

A NEW WAY TO LOOK AT AVIONICS™

www.aspenavionics.com

EVOLUTION 1000 MFD FEATURES:

- Duplicate sensor set providing full PFD redundancy
- May eliminate requirement for backup instruments
- Sectional-style moving maps with hazard awareness overlays
- Charts and geo-referenced airport diagrams¹
- Customizable screen layouts
- Built-in backup battery and emergency GPS²

Evolution Hazard Awareness

- Built-in terrain awareness
- Traffic overlay on map via interface³
- Weather

WX500 Stormscope interface

Datalink weather⁴

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

² Emergency GPS available with optional upgrade.

³ Requires ARINC 735A compatible traffic system.

⁴ 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	32,768

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**

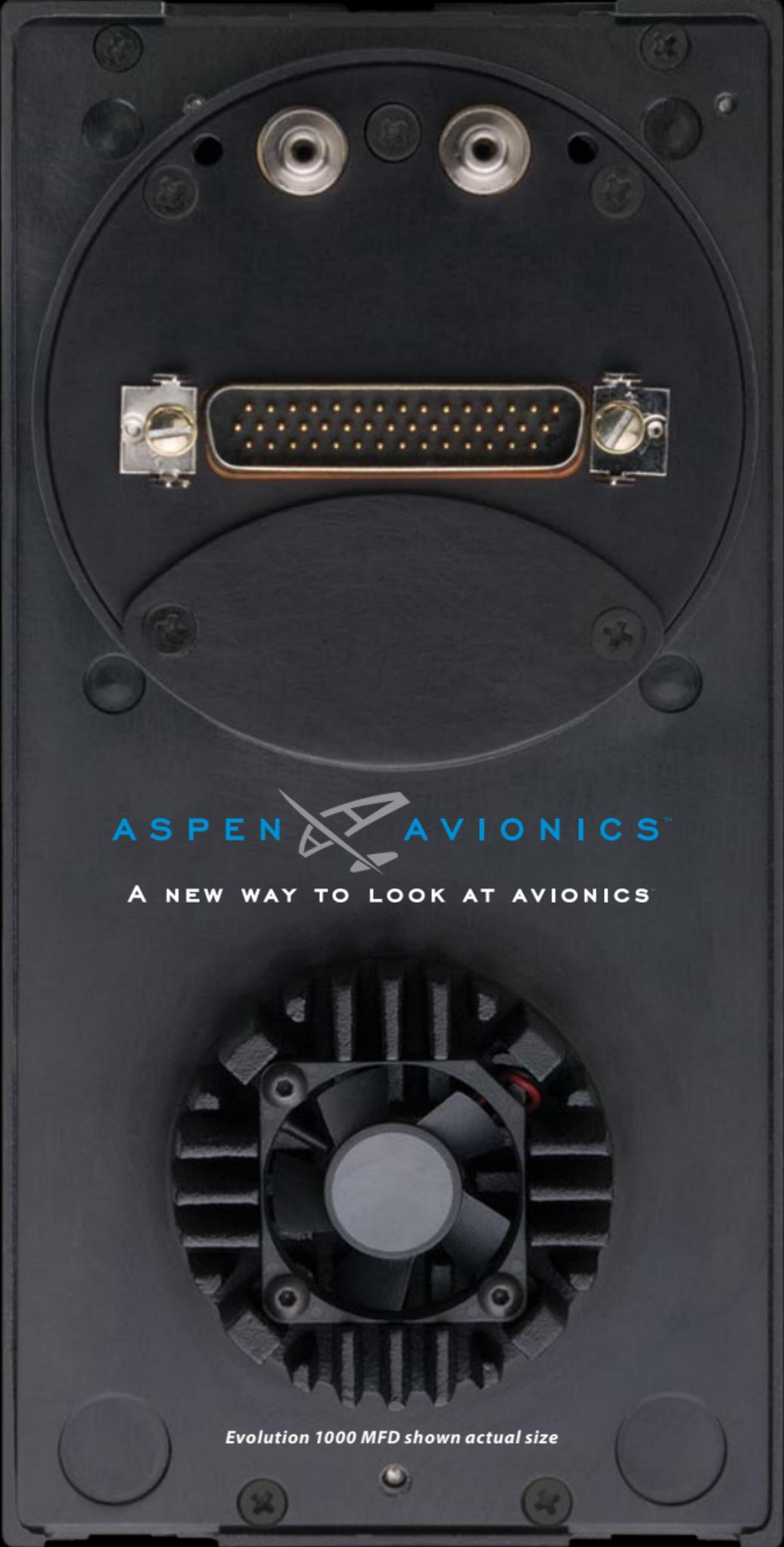
TSO/ETSO: C2D, C3D, C4C, C6D, C8D, C10B, C106, C113

Supplemental Type Certificate (STC)

Approved Model List (AML)⁵

⁵ See www.aspenavionics.com/approvals for the latest list of approved aircraft makes and models.

Features and specifications are subject to change without notice.

The image shows the rear panel of a black avionics unit. At the top, there are two circular connectors. In the center, there is a large multi-pin connector with two locking latches on either side. Below this, there is a circular opening containing a fan mounted on a heat sink. The entire unit is secured with several screws around the perimeter.

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Evolution 1000 MFD shown actual size