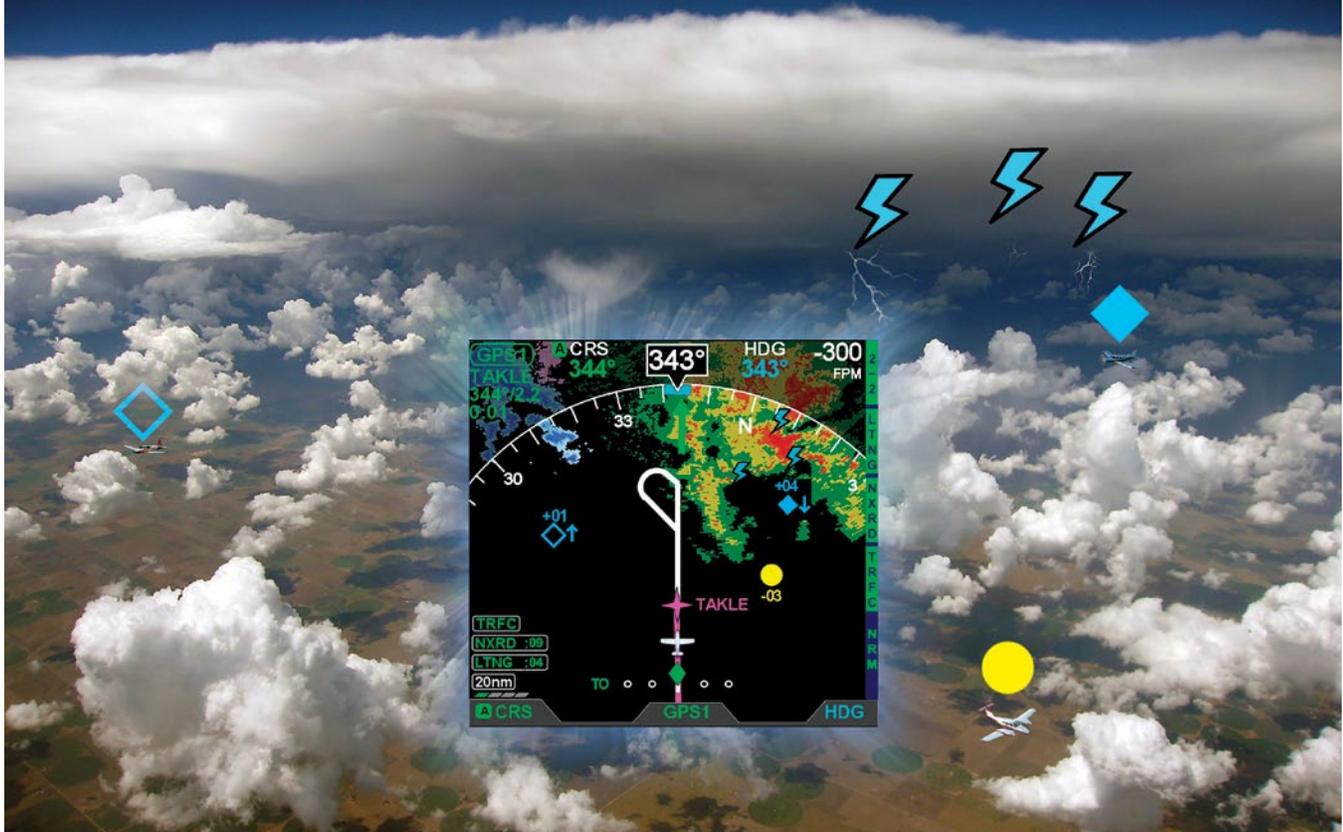


# Terrain, Traffic, and Weather at a glance.



## EVOLUTION HAZARD AWARENESS

### Integrated Hazard Awareness

Evolution Hazard Awareness (EHA) presents an integrated display of potential flight hazards directly in front of the pilot. EHA is a standard, built-in feature of the Evolution MFDs and is an optional software upgrade on the Pro PFD. EHA enables the display of traffic, datalink weather, and WX500 Stormscope(R) data from compatible sensor systems.

Combining XM WX® Satellite Weather, Stormscope lightning, traffic, and terrain on your primary navigation display and moving maps makes it easy to see and avoid hazards, even in IMC. EHA provides a better, more integrated display for compatible hazard sensors, while the Evolution EWR50 Weather Receiver delivers breakthrough pricing for datalink weather solutions.



#### Terrain

An internal terrain and obstacle awareness system is built into Aspen's Evolution MFDs.

#### Traffic

EHA integrates and displays nearby traffic information from compatible traffic sensor systems.

#### Weather

EHA puts lightning and datalink weather information into your primary field of view.

#### Breakthrough Pricing

The Evolution EWR50 is the lowest cost certified weather receiver available.

# Evolution Hazard Awareness Feature Comparison

	1000 Pro PFD EHA Software Upgrade	MFD Built-in Features
Terrain		◆
Traffic <i>(Requires ARINC 735A compatible traffic system.)</i>	◆	◆
Weather	◆	◆
<b>WX500 Stormscope interface</b>	◆	◆
<b>Datalink Weather</b> <i>(Requires Aspen EWR50 Weather Receiver or equivalent.)</i>	◆	◆
Hi-res NEXRAD radar	◆	◆
Radar coverage map	◆	◆
Precipitation type (at surface)	◆	◆
TFRs		◆
METARs		◆
TAFs		◆
AIRMETs		◆
SIGMETs		◆
Cloud tops		◆
Echo tops		◆
Lightning	◆	◆
Winds aloft (by altitude)		◆

## EVOLUTION HAZARD AWARENESS FEATURES:

### Weather

WX500 Stormscope®

- Control and display lightning data
- Cell and strike modes
- RS-232 interface

XM WX® Satellite Weather

*(Requires Aspen EWR50 Weather Receiver or equivalent.)*

- Compatible with Evolution Weather Receiver, and Heads Up Technologies XMD-076/A receivers
- Supports full suite of XM WX Satellite Weather aviation products (display capabilities vary by model)
- Data from single weather receiver can be displayed on up to three Aspen EFD displays

### Traffic<sup>1</sup>

- Supports traffic systems with standard ARINC 735A outputs, including TIS-capable Mode S transponders
- Enhanced traffic system features and control available on MFD systems (features vary by manufacturer)
- Data from single traffic receiver can be displayed on up to three Aspen EFD displays

### Terrain

- Terrain and obstacle awareness display and database built into MFDs

<sup>1</sup>See [www.aspenavionics.com/availability](http://www.aspenavionics.com/availability) for product availability dates.

Features and specifications are subject to change without notice.



Evolution Hazard Awareness is available on one, two, and three display Evolution PFD and MFD Installations

## Lowest Cost Certified Weather Receiver

### Aspen EWR50

Display datalink weather on three displays with one receiver



### EVOLUTION EWR50 WEATHER RECEIVER:

RS-232 interface to the 1000 Pro PFD and 500 MFD	Nominal Current:	0.12/ 0.22 amps (28v/14v)
Works with all standard XM WX antennas, including combos	Software:	DO178B Level E
Input voltage: 11-32 vdc	Environmental:	DO160E
Dimensions: 7.8" x 6.5" x 1.35"		
Weight: 1.4 lbs.		



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[www.aspenavionics.com](http://www.aspenavionics.com)