

# EVOLUTION FLIGHT DISPLAY SYSTEM

## EVOLUTION BACKUP DISPLAY



- Full-featured back up instrument for GA retrofit
- Seven-in-one digital back-up instrument
- Certified two-hour emergency battery backup
- Portrait and landscape model options fit wherever panel space is available
- Easiest installation
- Lightest weight
- Award-winning customer service
- No-nonsense warranty

## Versatile Glass Backup for Your Primary Instruments

The Evolution Backup Display is a fully digital, independent flight instrument display that replaces all traditional mechanical backup instrumentation. Built to compliment existing non-Aspen glass cockpit solutions, the Evolution Backup Display is exceptionally easy to use and is built from the same robust, feature-rich platform as the popular Evolution Flight Display System.

You've transitioned to glass, why be forced back to mechanical instruments in an emergency situation? In the event of losing your primary glass panel to a power failure, the Evolution Backup Display delivers primary instrument functions — and more — for a minimum of two hours via its own independent emergency battery.

Aspen's Evolution Backup Display features an intuitive, easy-to-read interface. It replaces traditional steam gauge backup instruments with fully-integrated digital EFIS functions, such as attitude, altitude and airspeed tapes, HSI, VSI, GPS flight plan, and GPS Steering.

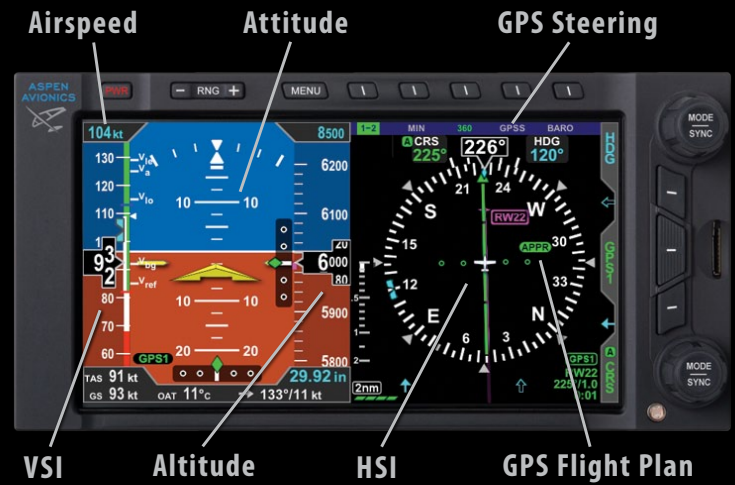
The Evolution Backup Display is designed as an easy-to-install drop-in replacement for mechanical instruments. It features exceptional compatibility and works with the avionics already in your panel. Available in Basic and Advanced versions, you can choose the option that fits your needs and budget.

The Evolution Backup Display is the most robust backup system on the market, with two hours of battery backup power and enhanced capabilities such as coupled approaches (with compatible autopilot), traffic and weather display (with optional or existing sensors).

The Evolution Backup Display — a better, smarter glass panel backup.

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### Evolution Backup Display Model Comparison

Evolution Backup Display – Basic	Evolution Backup Display – Advanced
Attitude Indicator (AI)	Attitude Indicator with Flight Director (ADI)
Altitude Tapes with Integral altitude alerter (visual only)	Altitude Tapes with Integral altitude alerter (visual and aural)
Airspeed Tapes with airspeed bug	Airspeed Tapes with airspeed bug
Magnetically Slaved Directional Gyro (DG) with heading bug	Full-featured magnetically slaved Horizontal Situation Indicator (HSI) with dual bearing RMI indicators, heading bug, and GPS auto course selection
Turn and Slip Indicator	Turn and Slip Indicator
Vertical Speed Indicator (VSI)	Vertical Speed Indicator (VSI)
GPS flight plan map views: 360° & ARC	GPS flight plan map views: 360° & ARC
Display of real-time winds aloft, OAT, TAS, and ground speed	Display of real-time winds aloft, OAT, TAS, and ground speed
Two hours of battery backup power with emergency GPS	Two hours of battery backup power with emergency GPS
Optional emergency GPS	Standard Emergency GPS
Dual ARINC 429 GPS and VHF Nav support	Dual GPS and dual VHF nav support
Optional ACU for analog GPS and VHF Nav support	Includes ACU for integration with autopilots and analog VHF Nav radios
	Built-in GPS Steering
	Minimums bug with visual and aural alerting
	Integrates with most GA autopilot and flight director systems
	Supports Optional EHA to support display of traffic, lightning, and XM weather data from compatible sensors

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.

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