

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

Introducing the Evolution Backup Display — a fully digital, independent flight instrument display that replaces all traditional mechanical backup instrumentation. Exceptionally easy to use and built from the same robust, feature-rich platform as the popular Evolution Flight Display System, the Evolution Backup Display is an affordable glass solution that supports and compliments existing glass cockpit solutions.

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, and easy-to-read, EFIS interface. It replaces traditional steam gauge backup instruments with seven fully-integrated digital EFIS functions: attitude, altitude, airspeed, HSI, VSI, GPS flight plan, and GPS Steering.

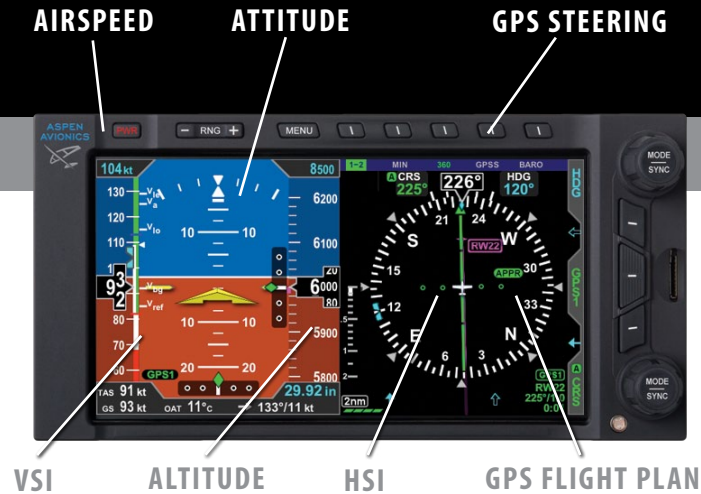
The Evolution Backup Display is designed as an easy-to-install drop-in replacement for mechanical instruments. It features exceptional compatibility and works with the avionics already in your panel. There's no need to alter the existing configuration — except to remove mechanical instrumentation. Choose from landscape or portrait options to fit within your existing panel layout.

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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BACKUP DISPLAY CORE FUNCTIONS:

- Attitude Indicator with Flight Director (ADI)
- Altitude Tapes with Integral altitude alerter
- Airspeed Tapes
- Full electronic Horizontal Situation Indicator (HSI) with dual bearing pointers
- Vertical Speed Indicator (VSI)
- GPS flight plan map views: 360° & ARC
- Built-in GPS Steering

BACKUP DISPLAY FEATURES:

- Base map with flight plan legs and waypoints, curved flight paths, and nearby nav aids
- Display of real-time winds aloft, OAT, TAS, and ground speed¹
- Independent Air Data Computer and Attitude Heading Reference System (AHRS)
- Dual GPS and dual VHF nav support
- Slaved directional gyro with heading bug
- Integrates with most GA autopilot and flight director systems
- Two hours of battery backup power with emergency GPS
- Brilliant, direct sunlight-readable, 6-inch 760x400 TFT active matrix LCD display (140 pixels/inch)

¹ With compatible GPS navigators.

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

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.

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