

# GARMIN G5 ELECTRONIC FLIGHT INSTRUMENT

ALL-IN-ONE DIGITAL ATTITUDE UPGRADE FOR CERTIFICATED GA FIXED-WING AIRCRAFT.



# GARMIN®

## REPLACE OLD-STYLE VACUUM GYROS WITH A RELIABLE ELECTRONIC DISPLAY:

The Garmin G5 is the affordable upgrade solution you've been waiting for. Forget maintenance-prone mechanical gyro replacements. This space-saving, STC'd electronic flight instrument can serve as a standalone primary source for aircraft attitude information or a directional gyro/horizontal situation indicator in your type-certificated fixed-wing general-aviation aircraft.

- As a primary flight instrument, G5 combines attitude information with such secondary information as altitude, airspeed and vertical speed in a single digital display that makes flight information easier to scan.
- As a replacement DG/HSI, G5 pairs with with Garmin GTN™ 750/650, GNS 530W/430W and GNS 530/430 series GPS navigators and GNC 255 and SL30 VHF

NAV/COMMs to serve as a primary instrument for displaying magnetic heading, GPS course guidance and/or VOR/LOC guidance, as well as distance to the next waypoint and groundspeed. Plus, it provides heading and course information to compatible third party autopilots (pending).

Installation of dual G5 electronic flight instruments can eliminate the dependency on failure-prone vacuum systems, and a secondary G5 can revert to attitude display in the unlikely event of a failure in the primary attitude indicator position. The G5 fits easily into a single 3-1/8 inch standard instrument cutout, taking up just a fraction of the space and weight previously required by conventional gyro-based instrument displays.

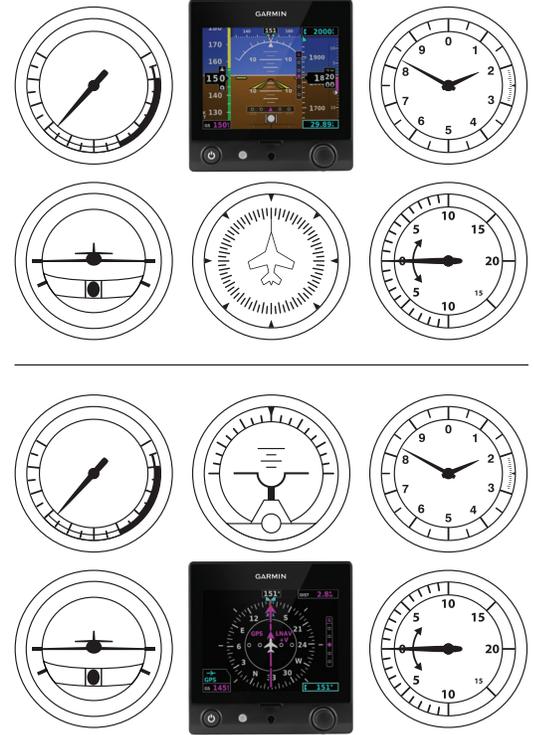
# THINK MULTI-TASKING. WITH ATTITUDE.

Approved for VFR and IFR flight operations, the Garmin G5 electronic flight instrument brings new levels of reliability, affordability, system integration and situational awareness to the cockpits of most single- and twin-engine general aviation aircraft under 6,000 pounds.

The G5 upgrade, now available for more than 600 individual aircraft models, is accomplished via supplemental type certificate (STC) with a comprehensive approved model list (AML). Installation is simple and easy: G5 integrates with your aircraft's existing pitot/static system, power and Garmin GPS<sup>1</sup> and NAV inputs, and it requires only the addition of a cost-effective magnetometer to display magnetic heading – and a single magnetometer can supply two G5 electronic flight instruments simultaneously.

Within the display bezel itself, a crisp LCD screen offers brilliant color and easy readability, even in direct sunlight, thanks to its advanced LED backlight design. And in addition to serving as either primary attitude or primary navigation reference, G5 can augment your existing instruments by consolidating inputs for airspeed, altitude, vertical speed, slip/skid, turn rate, ground track, configurable V-speed references, barometric setting and selected altitude, as well as visual alerts upon arrival at your pre-selected altitude. A built-in GPS receiver can provide GPS-based track and groundspeed information<sup>2</sup>, and a dedicated rotary knob allows for easy adjustments to altitude and heading bugs and barometric pressure settings on the display.

The unit takes up less than 3 inches of depth behind the panel. And, as part of the STC, it comes with a standard back-up battery pack capable of providing up to 4 hours of "get home" emergency power. Available battery power can easily be monitored by referencing the battery status indicator in the upper left-hand corner of the display.



## SPECIFICATIONS

Electrical:	14 or 28 VDC aircraft power
Unit size:	3.4"W x 3.6"H x 2.6"D (86.4 x 91.4 x 66.0 mm)
Weight:	13.3 oz (377.0 g) unit includes standard backup battery
Display size:	3.5" diagonal (88.9 mm diagonal)
Display resolution:	320 x 240 pixels (QVGA), LED backlit color LCD
Receiver:	High-sensitivity GPS
Maximum indicated airspeed:	300 kts
Altitude range:	-1,400 – +30,000 feet

INTERFACE TYPE	MANUFACTURER	MODEL
Autopilot (Heading Error, Course Error, and Flags)	Century	II/III
	Century	IV (AC)
	Century	IV (DC)
	Century	21/31/41
	Century	2000
	Cessna	300 IFCS/400 IFCS
	Cessna	300B/400B
	Honeywell (Bendix King)	KAP 100/150/200 KFC 150/200
	Honeywell (Bendix King)	KAP 140
	Honeywell (Bendix King)	KFC 225
	S-TEC	20/30/40/50/55/60-1/60-2/65
	S-TEC	60 PSS
	S-TEC	55X

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<sup>1</sup>GPS Navigator input requires installation of a Garmin GAD 29.  
<sup>2</sup>Approved installation requires external GPS antenna (not included) or input from a compatible navigator or GTX 345/335 transponder.  
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