

GARMIN GI 102A & GI 106A



GI 102A
VOR/LOC/GPS CDI



GI 106A
VOR/LOC/GS/GPS CDI

Performance

To/From Flag Input:	±40 mV flag in view; load resistance 200 ohms ±10%
NAV Flag Input:	In view at 125 mV, out of view at 260 mV; load resistance 1,000 ohms ±10%
Annunciation:	Green for "GPS" course deviation; white for "VLOC" or "NAV" course deviation
Deviation Indications:	Rectilinear movements for ease of interpretation
VOR Deviation Input:	±150 mV for 5 dot deflection; meter resistance 1,000 ohms ±10%
OBS Resolver:	30Hz, ORZ'd at 300°
Glideslope Deviation Input:	±150 mV for 5 dot deflection; meter resistance 1,000 ohms ±10% (GI 106A only)
Glideslope Flag Input:	In view at 125 mV, out of view at 260 mV; load resistance 1,000 ohms ±10% (GI 106A only)

Certification

FAA TSO:	—C40c, —C36e, —C34e (GI 106A only), environmental categories F2BA(MN)XXXXXZBBBBBBXXX DO-160B
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Physical Specifications

Size:	3.25" W x 3.25" H x 4.75" L (82.6 mm x 82.6 mm x 120.7 mm)
Weight:	GI 102A — 1.4 lbs (0.64 kg) GI 106A — 1.4 lbs (0.64 kg)
Display Lighting:	4.3 W at max intensity, 14 VDC at 0.31 A (typical) or 28 VDC at 0.155 A (typical)
Operating Current:	0.1 A (with one annunciator illuminated)

Environmental

Temperature:	–55°C to +70°C (–67°F to +158°F)
Altitude:	16,764 m (55,000 ft) operating
Cooling:	Convection
Relative Humidity:	95% non-condensing
Shock:	
Operational:	6 g (11 ms duration)
Crash safety:	15 g (11 ms duration)

Components

Standard:	GI 102A or GI 106A Indicators Install Kit (connectors and install manual)
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Specifications subject to change without notice.

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