

MGL VEGA 2 1/4" COLOR INSTRUMENTS

MGL VEGA AIRSPEED INDICATOR



Measures airspeed from 16mph to 250mph and is well suited to slow aircraft due to very good sensitivity and linearity at low air speeds. Includes a flight timer since takeoff. Airspeed units can be set to miles per hour (mph), kilometer per hour (km/h) or knots (kts). Analog tape with programmable ranges for Vs0, Vs1, Vfe, Vno and Vne. Contains a programmable Vs and Vne airspeed alarm output. Records maximum airspeed reached in permanent memoryP/N 11-15989

MGL VEGA AIRSPEED INDICATOR / VSI



Meet the World's most lightweight and compact, fully integrated inertial measurement instruments (IMU's) and digital compasses. The AHRS-1 is a 2 1/4" sunlight readable color display instrument providing a display for an artificial horizon reference system (AHRS), an advanced digital compass, or both depending on which sensor packages are connected. P/N 11-16721

MGL VEGA ALT-5 ALTIMETER / VSI



An internal high accuracy 24 bit digital altitude sensor calculates altitude from -1000 ft up to a maximum of 35000 ft (-304m to 10668m). The ALT-5 outputs various formatted RS232 serial data protocols compatible with serial input transponders such as that from Garmin, Magellan, Northstar, Trimble, Microair etc. Provides a parallel Gillham code interface for transponders when used in combination with the MGL Avionics CNV-ALT. Built in encoder test function. The altimeter can display altitude in feet or meters. Local pressure can be set in millibars or inches of mercury. Contains a wide range VSI indicator from +/-20 ft/min to as high as +/-10000 ft/min. VSI units can be in feet/minute (ft/min) or in meters/second (m/s).....P/N 11-15988

MGL VEGA ASV-1 ALTIMETER / ASI / VSI



An internal high accuracy 24 bit digital altitude sensor calculates altitude from -1000 ft up to a maximum of 35000 ft (-304m to 10668m). The ASV-1 outputs various formatted RS232 serial data protocols compatible with serial input transponders such as that from Garmin, Magellan, Northstar, Trimble, Microair etc.. Provides a parallel Gillham code interface for transponders when used in combination with the MGL Avionics CNV-ALT. Built in encoder test function. The altimeter can display altitude in feet or meters. Local pressure can be set in millibars or inches of mercury. Contains a wide range VSI indicator from +/-20 ft/min to as high as +/-10000 ft/min. VSI units can be in feet/minute (ft/min) or in meters/second (m/s). Measures airspeed from 16mph to 250mph and is well suited to slow aircraft due to very good sensitivity and linearity at low air speeds. Includes a flight timer since takeoff. Airspeed units can be set to miles per hour (mph), kilometer per hour (km/h) or knots (kts). Contains a programmable Vs and Vne airspeed alarm output. Records maximum airspeed reached in permanent memory. P/N 11-15990

MGL VEGA AHRS-1 COLOR AHRS COMPASS DISPLAY



Compass with slip indicator (requires MGL Avionics SP-6 sensor package). Horizon with optional slip, turn indicator & G-Force (requires MGL Avionics SP-7/9 sensor package). Turn and bank indicator (requires MGL Avionics SP-7/9 sensor package). Combined compass and horizon display with bank indicator, slip indicator & G-Force (requires MGL Avionics SP6 & SP-7/9 sensor package). Can be setup as an individual compass display, artificial horizon or both. The AHRS-1 / MAG-1 is connected to the

AHRS / Compass sensor packages by a simple CAN bus interface. This allows for the optimum placement of the sensor packages in the aircraft. More than one AHRS-1 unit can be connected onto the CAN bus. This allows the compass, artificial horizon and the turn and bank indicator to be displayed on different units. G-Force indicator (MGL Avionics SP7 required)P/N 11-15983

MGL VEGA MAP-3

MANIFOLD PRESSURE / RPM TEMP



Advanced fuel computer with various modes of operation. Supports single or dual fuel tanks. The FF-4 can connect to one or two fuel flow senders, fuel level senders or fuel injectors. The FF-4 can connect to a single fuel pressure sender. Differential fuel flow calculations are also supported for fuel return systems. The FF-4 has the ability to connect to a NMEA enabled RS232 GPS receiver for range based calculations. It can also accept a manually entered estimate cruising speed if a GPS is not available. Standard automotive fuel level senders can be used, even with odd shaped tanks due to a comprehensive, multi-point calibration system. External RDAC interfacing via the CAN bus. An external output activates when an alarm condition has been reached.P/N 11-15992

MGL VEGA TEMPERATURE/PRESSURE/VOLTS



The TP-3 is a 2 1/4" sunlight readable 4 channel universal analog input color display instrument. Each channel can be individually programmed to display either pressure, temperature, current or volts from a universal analog input that can interface to many sensors such as oil temperature, coolant temperature, oil pressure, fuel pressure, manifold pressure, boost pressure and many more. The TP-3 can display any combination of 1 to 4 analog channels in a horizontal / vertical bargraph or a numeric display format. P/N 11-16579

MGL VEGA FF-4 FUEL COMPUTER



Advanced fuel computer with various modes of operation. Supports single or dual fuel tanks. The FF-4 can connect to one or two fuel flow senders, fuel level senders or fuel injectors. The FF-4 can connect to a single fuel pressure sender. Differential fuel flow calculations are also supported for fuel return systems. The FF-4 has the ability to connect to a NMEA enabled RS232 GPS receiver for range based calculations. It can also accept a manually entered estimate cruising speed if a GPS is not available. Standard automotive fuel level senders can be used, even with odd shaped tanks due to a comprehensive, multi-point calibration system. External RDAC interfacing via the CAN bus. An external output activates when an alarm condition has been reached.P/N 11-15991

MGL VEGA RPM-1 UNIVERSAL ENGINE / ROTOR RPM INDICATOR



Single or dual RPM display screens. Dedicated dual rotor / engine tachometer. Includes a settable Hobbs meter which is password protected. Includes an engine running and flight timer. Includes a programmable maintenance timer for scheduled routine engine maintenance. Includes a magneto check function. Records maximum RPM reached for each channel. External RDAC interfacing via the CAN bus. An external output activates when a high alarm condition has been reached. P/N 11-15993

MGL VEGA TC-4 THERMO-COUPLE EGT/CHT INDICATOR



5 different temperature display screens. Supports J, K and E type thermocouple probes. Temperatures can be displayed in °C or °F from -100°C to 1200°C (-148°F to 2192°F). High accuracy: Built in thermocouple linearization curves and cold junction compensation. Records maximum temperatures reached for each channel. Includes a trend graph display of each thermocouple channel. Engine leaning function according to peak EGT temperatures. Engine cruise mode to instantly identify changing EGT/CHT trends. External RDAC interfacing via the CAN bus. An external output activates when a high alarm condition has been reached. P/N 11-15994

MGL VEGA COLOR G-FORCE AND INFO



The INFO-1 is a 2 1/4" sunlight readable multi-function color display instrument. The INFO-1 has the following features:
 • G-force meter • UTC and Local Time display
 • Slip indicator • Battery Voltage, Current and Charge display • OAT display
 P/N 11-16578

