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The EMS-1 & EMS-2 instruments from MGL Avionics make engine monitoring simple and effective for your Light-Sport or Experimental aircraft. The EMS singles offer capabilities often found in multi-thousand-dollar instrumentation packages while carrying a sub-thousand-dollar price tag (even when equipped with an optional RDAC data acquisition ...

Unfortunately the installation of radio equipment is not appropriately covered in the appendix. FAA Order 8300.16A Chapter 3 provides guidance as to determining if an alteration is major or minor. In this discussion it will be broken down into a series of questions the installer might answer to arrive at a designation of the alteration as major or minor.

You will not be able to get a Form 1 as the MGL is not certified (TSO'd) and is intended for experimental aircraft. If you have very loud engine an external high noise intercom would be best with any radio. The MGL is one piece where the Trig has face and a remote box. They both are 6 watts output, fit into a 2-1/4" space and have 25/8.33Khz spacing.

MGL Avionics designs and produces a wide variety of aircraft avionics from sophisticated, highly flexible EFIS systems to air-band transceivers. MGL Avionics was founded in 2001 by aviation enthusiasts Rainier Lamers and Ria van der Wel in Johannesburg, South Africa to serve the vibrant aviation community in the country.

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I'm legal to install radios, that is to wire the aircraft and all that, but I don't, unless it is a pre-wired harness that has been tested on the bench, simply because it is too easy to cross a wire and smoke the radio. What is an instrument? pretty much any thing in the instrument panel that has a glass face.

Note: The V16 VHF Aviation Radio Transceiver replaces the MGL V6. The V16 Com Radio is the latest generation and a new family of RF products by MGL Avionics. Launched in 2018 in the US, the V16 is the first in a new ecosystem of Com Radios, Nav Radios and controllers.

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Guidelines: • A 24 volt landing light drawing 5 Amps is using $5 \times 24 = 120$ Watts • A 12 volt radio drawing 3 Amps is using $12 \times 3 = 36$ Watts • 1 Watt dissipated in free air is warm to the touch • 10 Watts in free air will burn your fingers. Copyright @ 2004 by Greg Richter greg@bluemountainavionics.com Page 17 of 57.

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