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AV-925 Multiband Antenna(Incomplete System)

Frequency Bands: 136-174 MHz
380-520 MHz
760-870 MHz

Installation Instructions

- 1.) Determine the desired mounting location on the aircraft. Keep in mind that the antenna should be located at least two feet away from other antennas and reflective surfaces on the airframe (e.g., vertical stabilizer, landing gear, etc.). A good electrical connection must exist between the antenna mounting hardware and the metal frame or skin of the aircraft.
- 2.) Using the mounting template provided, drill six mounting holes and one for the connector.
- 3.) Mount the antenna by placing the gasket provided between the antenna base and aircraft skin. Insert hardware provided as shown below and tighten all mounting screws securely to provide good electrical contact.
- 4.) Connect the antenna directly to the radio equipment or through the AV-926 triplexer using an RG-58/U or similar 50 ohm coax cable with a BNC type male connector attached to the antenna end of the cable (not supplied).

The conditions and tests for TSO approval of this article are minimum performance standards. Those installing this article, on or in a specific type or class of aircraft, must determine that the aircraft installation conditions are within the TSO standards. TSO articles must have separate approval for installation in an aircraft. The article may be installed only according to 14 CFR part 43 or the applicable airworthiness requirements.

