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AV-520 VOR, LOC & GS “V” Dipole Antenna

Frequency Range: 108-118 MHz (VOR/LOC)

Frequency Range: 328-336 MHz (GS)

The ideal mounting location for the VOR, LOC & GS “V” Dipole Antenna is on top of the vertical stabilizer. This location allows the antenna elements to be in an open area, free from any reflections or shadowing caused by the metal aircraft structure which can cause poor performance.

Installation Instructions

- 1.) Loosen set screws provided from puck.
- 2.) Thread the two elements into the puck until seated. Thread the set screws into the puck to secure the elements.
- 3.) Drill two .203 (13/64) diameter mounting holes on aircraft at the specified distance apart shown below.
- 4.) Mount the antenna using appropriate hardware.
- 5.) Route and attach cable from receiver or antenna coupler using Amphenol Connex BNC plug crimp connector (P/N: 112116 or equivalent).

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 requirement.

