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AV-1
VHF Communications Antenna for General Aviation

Frequency Range: 118-137 MHz

Heavy duty ground plane vertically polarized antenna for use in communications with ground vehicles or aircraft.

This model covers the band from:

- 118-130 MHz with a VSWR of better than 1.5 to 1.0
- 118-137 MHz with a VSWR of better than 2.0 to 1.0

Construction: Heavy duty with 3/8" aluminum radial rods, 1" aluminum tube radiator, 1000 watts maximum power. Withstands 100 mph winds. Mounts easily with locking set screws on a 1" pipe or 1 1/4" O.D. tube. Accepts a PL-259 connector, irridite treated for durability. No tuning is required.

Installation Instructions

- 1.) Apply the synthetic lubricant provided to the threads of the (4) radial rods provided prior to assembly. This will protect from weather and ease future disassembly.
- 2.) Thread the (4) radial rods into the antenna base and secure with jam nuts. (See Illustration)
- 3.) Slide the antenna base onto a 1" pipe or 1 1/4" O.D. tubing (not supplied) and secure with (3) cone point set screws provided. (See Illustration)
- 4.) Attach "DANGER" label provided to a plainly visible part of the base or the supporting structure.

