

# Comant CI 157P

VAR/LOC/GS

**COBHAM**

2008 Data Sheet

The most important thing we build is trust

## CI 157P VAR/LOC/GS

"V" Dipole VOR/LOC/GS antenna with fixed elements designed specifically for compatibility with the Piper Aircraft mounting. Integral ferrite balun provides for higher radiation efficiency replacing cumbersome coaxial baluns previously utilized. Radiating elements are not removable.

Not approved for helicopter installations.

## Applications

Single engine piston aircraft for applications of this antenna design. Consult your FBO or installation shop for best application information.

## Frequencies Covered

108-118 MHz (VOR/LOC), 329-335 MHz (GS)

## Specifications

### Electrical

Frequency	108-118 MHz (VOR/LOC) 329-335 MHz (GS)
VSWR	3.0:1 Max. 108-118 MHz (VOR/LOC) 3.0:1 Max. 329-335 MHz (GS)
Polarization	Horizontal
Radiation Pattern	Dipole
Impedance RF	50 Ohms Nominal
Power RF	Receive Only

### Mechanical

Weight	0.5 lbs. Maximum
Height	18.0 inches Maximum
Finish	Black housing / Stainless steel whips
Connector	BNC

### Environmental

Temperature	-55 C to +85 C
Altitude	50,000 ft
Airspeed	250 Knots TAS @ 25,000 ft.

### Federal Specifications

FAA TSO	C34e, C36e, C40c
RTCA MOPS	DO-192, DO-195, DO-196
RTCA Environmental	DO-160C



WARNING: Use factory supplied drawings and specifications for installation. Refer to FAA AC 43.13-2B for installation guidelines.

For further information please contact:

Cobham SATCOM Airborne Systems  
577 Burning Tree Road  
Fullerton, California 92833 USA  
Tel: (01) 714-870-2420  
Fax: (01) 714-870-5133  
Email: comant@cobham.com