Comant CI 205-3

VOR/LOC/GS

COBHAM

2008 Data Sheet

The most important thing we build is trust

CI 205-3 VOR/LOC/GS

VOR/LOC/GS high performance navigation antenna set. Designed for mounting on the aircraft vertical stabilizer or helicopter tail boom. Features low weight/drag, tabular structure to minimize helicopter rotor "down wash" forces. Contains wide band/high efficiency electrical performance and DC grounding for lightning protection.

Set includes a pair (2) of "towel bar" sensor elements each with a BNC output connector and a one-piece dual coax interconnect signal combiner harness with single BNC connector output. Provides for a single cable run to the avionics location

Applications

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

Approved for light helicopter installations.

Frequencies Covered

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



Specifications

RTCA Environmental

Electrical

Frequency	108-118 MHz (VOR/LOC) 329-335 MHz (GS)
VSWR	5.0:1 Max. 108-118 MHz (VOR/LOC) 5.0:1 Max. 329-335 MHz (GS)
Polarization	Horizontal
Radiation Pattern	Omni Directional
Impedance RF	50 Ohms Nominal
Power RF	Receive Only
Mechanical	
Weight	1.75 lbs. Maximum
Material	Delrin mounts / Aluminum "Towel Bar"
Finish	Polyurethane Enamel
Connector	BNC (Female)
Environmental	
Temperature	-55 C to +85 C
Altitude	50,000 ft
Airspeed	300 Knots TAS @ 25,000 ft.
Federal Specifications	
FAA TSO	C34e, C36e, C40c

DO-160D

For further information please contact:

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