

Comant CI 2580-200

ComDat VHF/GPS WAAS

COBHAM

2008 Data Sheet

The most important thing we build is trust

CI-2580-200 ComDat VHF/GPS WAAS

Comant's newest ComDat VHF/GPS antenna designed specifically to meet the GPS WAAS Gamma 3 specifications required by the Garmin G1000 system.

Our patented technology provides 80 dB of VHF harmonic suppression allowing Comant to offer VHF and GPS in one radome without in-line filters.

Tested and passed demanding direct effects lightning environmental testing.

Gamma 3 WAAS allows for primary navigation using GPS for all phases of flight including precision LPV approaches.

Not intended for portable GPS receiver systems.

Applications

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

Frequencies Covered

VHF 118-137 MHz
GPS 1575.42 MHz / 26.5 dB Gain

Specifications

VHF Specifications

Frequency 118-137 MHz

VSWR 2.5:1 Maximum

Polarization Vertical

Radiation Pattern Omni Directional

Impedance 50 Ohms

Power Rating 50 Watts

GPS Preamplifier Specs

Frequency 1575.42 +/-3 MHz

VSWR 1.5:1 Max.

Polarization RHCP

Radiation Pattern Hemispherical

Impedance 50 Ohms

Gain 26.5 - 30.5

DC Voltage 4 - 24 Vdc

DC Curr. Min/Max 40mA Typical - 60mA Maximum

Noise 2.5 dB Max

Mechanical / Environmental

Weight 0.6 lb Maximum

RTCA Env. / TSO DO 160D / C169(Class C,D,E,3,4,5,6) C144

Connectors VHF - BNC / GPS - TNC



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

For further information please contact:

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