

ANTENNAS

ADVANCED AIRCRAFT ELECTRONICS HIGH GAIN AIRCRAFT ANTENNA SYSTEMS



Here is a new series of aircraft antennas specifically designed to be used without a ground plane. This means that composite aircraft and fabric covered aircraft can now have their antennas mounted totally within the structure. These antennas are designed using the latest engineering technology. Laboratory measurements show them to have better electrical characteristics than currently available products. The unanimous reports from pilots who have been using them confirm that they out perform everything now available on the market. One antenna model works for communication, navigation, and for ELT (Three antennas in the aircraft, but all the same design), and this design is tolerant to installation errors. They will work in metal airframes when a plastic or fiberglass wing tip or similar plastic component is available to provide the mounting structure. The VHF antennas, 5T and 5I, differ only in the location of the BNC connection. The 5T is configured to allow the coax cable to be routed flat along the mounting surface of the airframe. This antenna model would be appropriate for a composite aircraft where the antenna would be mounted in the fuselage or fin and the coax would be close to the skin and be attached periodically for strain relief. In either case, the antenna can be used as a retrofit in on service aircraft or in new installations. The 5I series has the BNC connection positioned so that the coax cable would route out and away from the antenna mounting surface. This configuration is offered for antenna installations such as wing tips of fabric aircraft. If the antenna is mounted on the inside of the tip, the coax route is directly inward toward the wing root and the BNC connection is located near the spar to provide support for the cable. Both antennas are identical in their electrical performance.

Features: Inside mounting. Use with composite skins. Use with fabric covered airframes. Glue or bond to the airframe. Light weight. Wide service temperature, No ground plane corrosion, Mount anywhere inside, Maximum range with low VSWR. Model VHF series designed for comm or nav or ELT. Guaranteed against failure for the life of the airframe. Adapts to existing airframes or to in process construction.

- Model 5I (straight BNC connector) NAV/COM Antenna P/N 11-04261 **\$118.95**
- Model 5T (right angle BNC connector) NAV/COMM Antenna P/N 11-04262 **\$118.95**
- Model L2 Transponder Antenna..... P/N 11-04212 **\$98.95**

COMANT GPS ANTENNAS



GPS antenna kits from Comant enable you to install a low profile aerodynamic GPS antenna to the exterior of your aircraft. These antennas are all FAA approved under TSO C129, provide superior GPS signal acquisition, and are resistant to ice build-up in flight. All kits come complete with 10' of coax cable. Call with Comant Part No. for pricing on the Comant C1401, C1405, CI-406, OR CI4510 series antenna you require.

CI 401 ANTENNAS

These antennas are designed for aircraft up to 600 knots and feature a rectangular footprint. Available in active or passive models. Height: 0.75". 50 ohms.

CI 401 ACTIVE ANTENNAS

APPLICATION	P/N	PRICE
Magellan w/detachable antennas except 5000A, Garmin 55, 89, 90, 95, 100, 150, 155, 165, 250, Skyforce, and panel GPS requiring 26 dB gain		
Antenna Only	CI-401-220	\$525.00
CI 401 Passive Antennas (limited to 10' run of RG142 or 6' of RG58)		
Magellan w/detachable antennas incl. 5000A, Garmin 55, 89, 90, 95, 100, 150, 155, 165, 250, Micrologic Super Sport & all other GPS receivers requiring a passive antenna.		

GARMIN GXM USB EXTENSION CABLE



GXM USB extension cable 010-10617-02 for GXM 30 and GXM 40 Satellite WX antennas. P/N 11-06189 **\$26.50**

BENDIX KING GPS ANTENNA KA92



The KA 92 antenna is a compact, aerodynamically-styled "patch" antenna that mounts on top of the aircraft. Weight: 0.30 lbs. (0.14 kg) Width: 2.70 in. (6.86 cm) Height: 0.70 in. (1.78 cm) Length: 4.30 in. (10.92 cm)
Antenna.....P/N 11-04036 **\$955.00**
Installation Kit....P/N 11-02581 **\$101.80**

BENDIX KING LOW PROFILE AERO ANTENNA



Bendix King Low Profile Aero Antenna 1616-880-01P/N 11-17554 **\$1,595.00**

COMANT MARKER BEACON ANTENNAS



CI-102 MARKER BEACON - Frequency 75 MHz. For use with the modern, high sensitivity marker beacon receivers. Featuring 4-hole internal mounting for simple installation. Enclosed in an injection molded radome which is impervious to the tough environments typical of the underside of an aircraft. Skydrol and rain erosion resistant. DC grounded to minimize accumulation of precipitation static.....P/N 11-17931 **\$159.75**



CI-118 MARKER BEACON - Frequency 75 MHz. Designed specifically for high-performance aircraft applications. Features aerodynamic design in a light-weight package. Antenna is a low profile blade-type encased in a molded polyurethane shell. Skydrol and rain erosion resistant. P/N 11-17932 **\$431.00**



COMANT MARKER BEACON (CI-118-1) - Frequency 75 MHz. Low-drag, lower profile alternative to the popular CI 102 "boat style" marker beacon antenna. Approved for medium to high performance single, turbo-prop or jet aircraft and provides simple external mounting. Skydrol and rain erosion resistant. DC grounded to minimize accumulation of precipitation static. P/N 11-06847 **\$666.00**



COMANT MARKER BEACON (CI-118-9) - Frequency 75 MHz. Identical to the CI 118 except the mounting configuration allows for "drop-in" replacement to the Honeywell Bendix-King KA 26 Marker Beacon. This Comant design has been tested to the tough DO-160D environmental standards. Skydrol and rain erosion resistant. DC grounded to minimize accumulation of precipitation static.....P/N 11-06989 **\$668.00**



COMANT MARKER BEACON (CI-118-10) - Frequency 75 MHz. This Comant marker beacon is identical to the CI 118 except with a 4-hole through mount configuration. This model has been tested to the tough DO-160D environmental standards. Skydrol and rain erosion resistant. DC grounded to minimize accumulation of precipitation static.P/N 11-06848 **\$638.00**



COMANT MARKER BEACON (CI-164) - Frequency 75 MHz. Lightweight flush mount provides for dual-marker beacon signal outputs at the antenna, eliminating the need for a separate marker beacon splitter. Antenna is housed in a aluminum enclosure with a glass laminate cover. Internal components are potted in place for mechanical integrity. The CI 164 is designed for curved "crown" surface mounting as is currently used on the Cessna Citation I and II.....P/N 11-06850 **\$1,637.00**



COMANT MARKER BEACON (CI-165) - Frequency 75 MHz. Lightweight flush mount antenna, provides for dual marker beacon signal outputs at the antenna, eliminating the need for a separate marker beacon splitter. Antenna is housed in a aluminum enclosure with a glass laminate cover. Internal components are potted in place for mechanical integrity. The CI 164 is designed for curved "crown" surface mounting as is currently used on the Cessna Citation I and II. P/N 11-06851 **\$1,699.00**

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