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 wing cover or plastic component is available to provide the mounting structure. The VHF antennas, 5T and 5L, differ only in the location of the BNC connection. The 5L 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 on in service aircraft or in new installations. The SI series has the BNC connection positioned so that the coax cable would route out and away from the antenna mounting surface. This configuration is particularly useful on 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. Lightweight. 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 airplane. Adapts to existing airframes or to in process construction. Model SI (straight BNC connector) NAV/COM Antenna .......................................................... P/N 11-04261 .................................................. $118.95
Model ST (right angle BNC connector) NAV/COMM Antenna ........................................ P/N 11-04262 .................................................. $118.95
Model LV Transponder Antenna ............................................................................. P/N 11-04212 .......................................................... $98.95

COMANT GPS ANTENNAS

GPS antenna kits from Comant enable you to install a low profile aero-dynamic 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 icing 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, CR4510 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.

<table>
<thead>
<tr>
<th>CI 401 ACTIVE ANTENNAS</th>
<th>APPLICATION</th>
<th>P/N</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magellan w/detachable antennas except 5000A, Garmin 55, 89, 90, 95, 100, 150, 165, 250, Skyforce, and panel GPS requiring 28 dB gain antenna</td>
<td>CI-401-220</td>
<td>$550.00</td>
<td></td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CI 401 Passive Antennas</th>
<th>(limited to 10’ run of RG142 or 6’ of RG58)</th>
</tr>
</thead>
<tbody>
<tr>
<td>Magellan w/detachable antennas</td>
<td>CI-401-220</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>CI 401 ACTIVE ANTENNAS</th>
<th>APPLICATION</th>
<th>P/N</th>
<th>PRICE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Antenna Only</td>
<td>CI-401-220</td>
<td>$550.00</td>
<td></td>
</tr>
</tbody>
</table>

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 ....... $150.75

CI-118 MARKER BEACON - Frequency 75 MHz. Designed specifically for high-performance aircraft applications. Features aerodynamic design in a lightweight 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

CI-118 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

CI-118 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. 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 11-06899 ....... $666.00

CI-118 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

CI-164 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 sheet metal enclosure with a glass laminate cover. Internal components are potted in place for mechanical integrity. DC grounded to minimize accumulation of precipitation static. P/N 11-06850 ....... $1,637.00

CI-165 MARKER BEACON (CI-165) - 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 sheet metal enclosure with a glass laminate cover. Internal components are potted in place for mechanical integrity. DC grounded to minimize accumulation of precipitation static. P/N 11-06851 ....... $1,637.00

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 the 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: 3.30 in. (8.39 cm) P/N 11-04036 ....... $847.00
Installation Kit ....... P/N 11-02581 ....... $94.75

COMANT MARKER BEACON ANTENNAS

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. 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 11-06899 ....... $666.00

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 sheet metal enclosure with a glass laminate cover. Internal components are potted in place for mechanical integrity. DC grounded to minimize accumulation of precipitation static. P/N 11-06850 ....... $1,637.00

COMANT MARKER BEACON (CI-165) - 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 sheet metal enclosure with a glass laminate cover. Internal components are potted in place for mechanical integrity. DC grounded to minimize accumulation of precipitation static. P/N 11-06851 ....... $1,637.00

WWW.AIRCRAFTSPRUCE.COM

 Prices Subject to Change Without Notice