ANTENNAS

BOB ARCHER AIRCRAFT ANTENNAS

These antennas have been designed by Bob Archer from Torrance, CA utilizing concepts common to military aircraft and space vehicles. The antenna performance is superior to most in use today in private aircraft. The only requirement for max. performance is that the antennas must be installed in accordance with the installation instructions. These antennas are designed to be installed inside fiberglass or other non-conductive wing tips or tail caps of metal or other conductive material aircraft.

SPORT AIRCRAFT ANTENNAS

MODEL 1A - This Wing Tip Com Antenna is designed to fit inside larger fiberglass wing tips on metal (conductive) that is) airplanes such as T-18’s, RV’s Bonanzas etc. But tuned out for the Com Band. The wing tips must have internal dimensions of at least 11"x24" and generally fit better on the bottom surface. The VSWR is normally less than 2.0:1 over a frequency band of 108 to 127 Mhz but could be higher due to installation factors. Offered because of pressure from RV builders. Users report good communications at ranges greater than 50 miles. Should be installed so that the maximum height of the tip is utilized to get the most vertical polarization.

Left Side P/N 11-21016-1 $100.00
Right Side P/N 11-21016-2 $98.75

NOTE: When ordering wing tip antennas, order antennas with -1 suffix if installing on the bottom inside surface of a left hand tip or upper inside surface of a right hand tip. Order antennas with a -2 suffix if installing on the inside lower surface of a right hand tip or the upper inside surface of a left hand tip. Wing Tip Com antennas should be installed only on lower inside surfaces.

STAINLESS VHF ANTENNAS FOR HOMEBUILTS

These VHF antennas are stainless steel including all hardware. Insulators are made of Delrin, which resists extreme cold or high temperatures and is non-breakable. Antennas are available in straight and 45° or 90° angles. 118–136 mHz range. Weight: 3 oz. Not FAA approved.

Straight P/N 11-04516 $44.75
Transponder P/N 11-02759 $21.50

COPPER ANTENNA FOIL TAPE 3/8 INCH

Used as an antenna ground in composite aircraft.

P/N 11-12900 $36.65
P/N 11-09900 $0.75

TORROIDS (FERRITE BEADS)

Used in our quickie antenna kit for composite aircraft.

P/N 11-03993 $3.50

STAINLESS STEEL ADF ANTENNA KITS

- Replace your rusty antenna
- Will never rust
- Fits most high/low wing light aircraft
- Ceramic safety insulator
- Easy to install
- The finest stainless ADF antenna you can buy

Economy stainless ADF ANT.Kit P/N 11-12300 $26.50
ADF stainless ANTENNA kit P/N 11-02655 $33.95

ANTENNAS FOR COMPOSITE AIRCRAFT

MODEL 6 - This com antenna is designed to be installed on the inside surface of the aft fuselage of composite and wood aircraft. It is a dipole that is folded up to minimize the vertical dimension and requires 12° of fore and aft space and 26.5° vertically. It is designed with flexibility so it can match the internal curvature of the fuselage. The VSWR is less than 2:1 across the com frequency band.

P/N 11-21000 $99.85

MODELS 7 & 8 - These antennas are essentially the same with the exception of the overall height and the matching devices with the com antenna being installed vertically and the nav antenna being installed horizontally. VSWR is less than 2:1 over their respective frequency bands. The outer ends of these antennas may be swept to +/-30° to facilitate installation in various aircraft types.

NAV Antenna Model 7 P/N 11-21030 $99.85
COM Antenna Model 8 P/N 11-21035 $99.85

ACTIVE GPS ANTENNA AV-GPS

The RAMI model AV-GPS is a permanently mounted external aircraft antenna designed for use with GPS receivers which provide +5 volts DC on their antenna connector. It is an active (amplified) antenna providing an average of 26 dB gain over a passive (non-amplified) antenna. The antenna is designed to operate at speeds up to 350 mph and altitudes up to 50,000 ft. It has a drag force of 0.18 lb @ 250 mph. (Not FAA TSO’d) Commonly used for an external mounted GPS antenna for portable GPS units.

P/N 11-17990 $209.95

ANTENNA WIRE

COAXIAL CABLE - RG-58U - Tinned copper conductor, solid polyethylene dielectric. Standard cable for radio installations. For experimental aircraft only.

P/N 11-04258 $0.58/ft. $40.60/100ft.

TYPE RG-400U - Tinned copper conductor, PVC Type IIA jacket. FAA approved for certificated aircraft.

P/N 11-09202 $3.75/ft. $318.75/100ft.

BNC COAXIAL ANTENNA CONNECTORS FOR RG-58U CABLE

Male P/N 11-03992 $2.85
Female P/N 11-03993 $3.50

BNC COAXIAL ANTENNA CONNECTORS FOR RG-400U CABLE

Male P/N 11-01902 $3.60
Female P/N 11-01803 $3.95

ANTENNA INSULATORS

(1) Feed-Through Insulator for lead-in wire from fixed antenna. Type 4125. 10-32 threads. 3" length tip to tip, 1-9/16" casing.

P/N 11-10500 $15.65

(2) Strain Insulator for receiver antenna.

P/N 463 $9.60

ANTENNA SEALANT AC236B1/2

Perfect sealant for antenna installations. AC-236 Class B is a two-component, manganese dioxide cured, liquid polysulfide polymer system providing excellent fuselage seals.

P/N 09-00532 $22.70

WSI WEATHER/SIRIUS RADIO ANTENNA

Operates with all new WSI inFlight® capable receivers. The antenna receives Sirius Satellite Radio broadcasts to enable the WSI weather service. It was designed specifically to suppress interference from ground based signals. Its proprietary design allows for optimum performance while the aircraft is turning.

P/N 11-05937 $720.00

TED TRANSPONDER ANTENNA

- This monopole transponder/DME antenna meets the same specifications and is a direct replacement for the CI-101 and AV-22 antennas. Exceptional performance and value.

P/N 11-17995 $17.95