

Assembly Instructions for VHF-Antenna (118 to 136 MHz) Type Becker 1A005 (358.762-950)

This antenna was developed especially for fiberglass airplanes. It was designed in such a way that only by a lamination and/or gluing in and/or on fiberglass material will it achieve optimal data receipt.

As shown in the sketch below, the antenna should be attached to the aircraft for about 90 to 95 cm. The emitter must run in a straight and approximately perpendicular line for about 67 cm.

When assembling the antenna in the rudder of the tail unit the transit holes for the cable should not be too small so that the cable is not chafed from rudder deflections over time.

With aircraft made of fiberglass and carbon fiber and/or pure carbon fiber airplanes the vertical emitter should be attached far away from electrically conducting elements (e.g. carbon fiber, metallic rudder cables or bars), since these can strongly affect the radiation characteristics.

The lacquer finish applied in the assembly area of the antenna must be electrically neutral.

