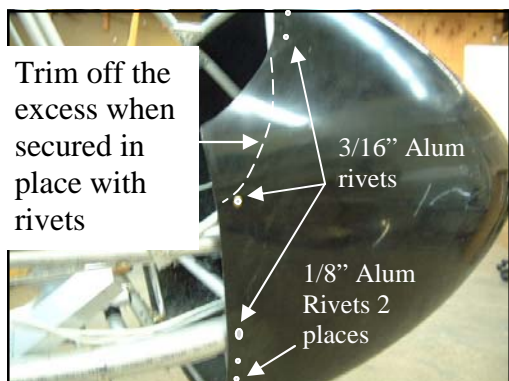


## How to install the nose cone

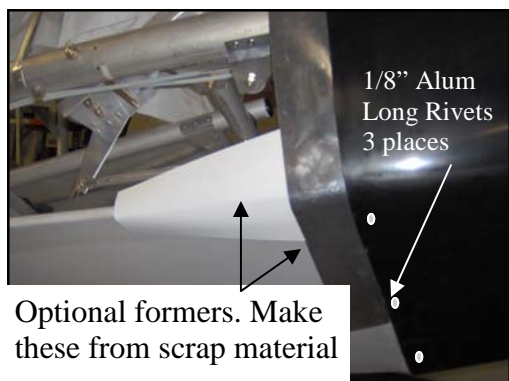


Rivet the 20" long x 2 1/2" wide angled alum. gusset to the first stringer assembly cross tube. The short angled piece goes on the front side of the cross tube and is vertical (up). Rivet on the front side of the cross tube and into the gusset. Slide the top of nose cone over the FWF and the bottom of nose cone over the 1/2" stringers on the bottom of fuselage. Some adjustment will be required to get the nose cone in the position you want it. It is a tight fit ! Once you have it located, use spring clamps to hold it in place.



When you are satisfied with the position of the fiberglass nose, drill and rivet 3/16" alum rivets along FWF (3 places), the curved former on cockpit side rail (1 place), then on longerons (1 place). Drill and rivet 2 places for 1/8" rivets on stringer ribs and 3 places on the bottom into the 20" angled gusset (use 1/4" long rivets).

NOTE: If you intend to make your nose cone removable, use 3/16" screw bolts and nyloc nuts instead of 3/16" rivets.



For a smoother transition from nose cone to fabric covering, you may want to manufacture some formers out of any scrap sheeting you may have. This picture shows an example of what can be done.

Once the nose cone is secured, determine if you need to trim the nose cone to follow the curved former tube at the front of the cockpit side rail (as shown above).



The next step is to sand the nose cone ready for gluing fabric to the edges and painting. Apply 100% Poly-Tak to at least 3" in from the edge of the nose cone and apply fabric in the same manner as you have already done on the wings etc. A 3" overlap is good. You can opt for a more professional looking finish by applying 2" finishing tape over the edge of your fabric on the nose cone.