

Building Instructions for Piccolo Fuselages

These building instructions are suitable for all Piccolo Fuselages, the one illustrated is for the Bell Ranger.

Congratulations on purchasing this fuselage for your Helicopter



You will require a few items to assist in the construction.

Small scissors

Epoxy adhesive

Sellotape

A spare pair of hands

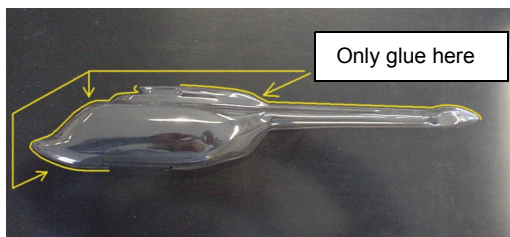
You might want to share your hobby with your wife or partner. 😊

Paint:

Please be cautious about the use of paint on this material, you should test it on a spare piece to ensure that there is no reaction between the paint and the PET-g material. We recommend Acrylic sprays that are solvent free for quick drying & high gloss finish.



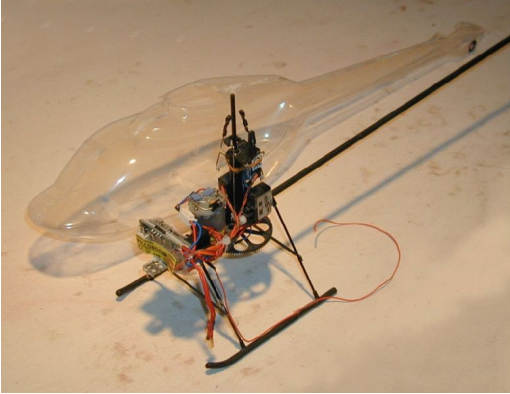
It is advisable to draw a guideline on the half fuselage to assist in the trimming of the edges. The overlap needs only be 2-3mm.



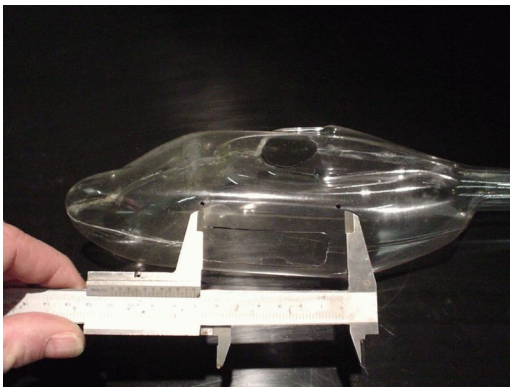
Only join along the section shown in the illustration, the rest of the fuselage will be sealed with tape. At the rear please be economical with the adhesive.



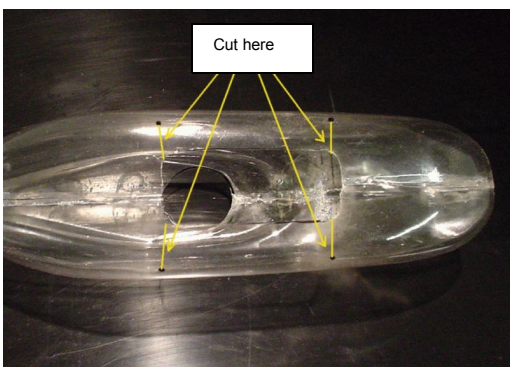
Assembly will be much easier if you have assistance. You should stick the halves together point by point. One person holds the pieces together, the other applies the adhesive. This should be done sparingly as the heat generated if an accelerator is used can distort the material



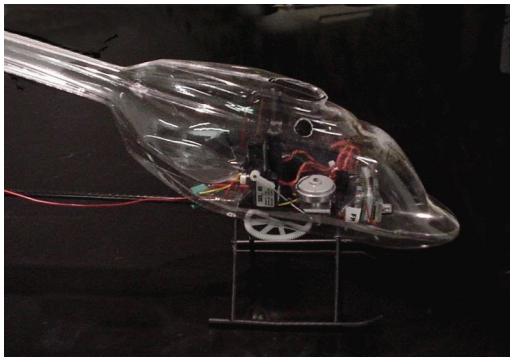
The assembly mounting board should be placed across the fuselage, and glued in place. Dismantle the rotor head and tail rotor, (as instructed in the original manual)



Test the assembly for clearance

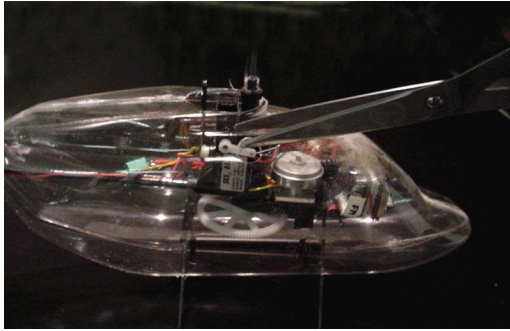


After comparing the distances of your undercarriage, cut the holes for the undercarriage skids.

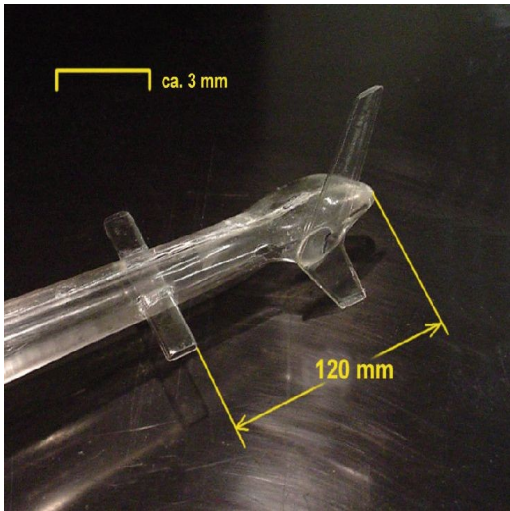


First Fitting.

Insert the front of the drive unit into the fuselage, and then raise the rest of the assembly. If the servo arm fouls the fuselage a cut of up to 10mm should be made to provide sufficient freedom of movement.



After final adjustments, seal the lower surface with tape, then install the rotor head, and tail rotor.



Once the drive unit is installed, mark the position of the tail fins, if a horizontal tail unit is supplied cut the fuselage on both sides, and pass the horizontal tail unit through the boom, and glue in place.

Note:

The Hughes 500 range of Piccolo fuselages have a separate nose section, this should be retained in flight by sellotape, it is advised to make small protruding guides from some of the scrap Pet-g trimmings to be glued to the nose section at intervals around the perimeter (approx 5 in number) to help locate the section in place.

The Centre of Gravity should be adjusted in accordance with the original manual, adjust the CofG by moving the battery pack. Very little adjustment should be necessary

You end up with a beautiful model helicopter
Congratulations!!