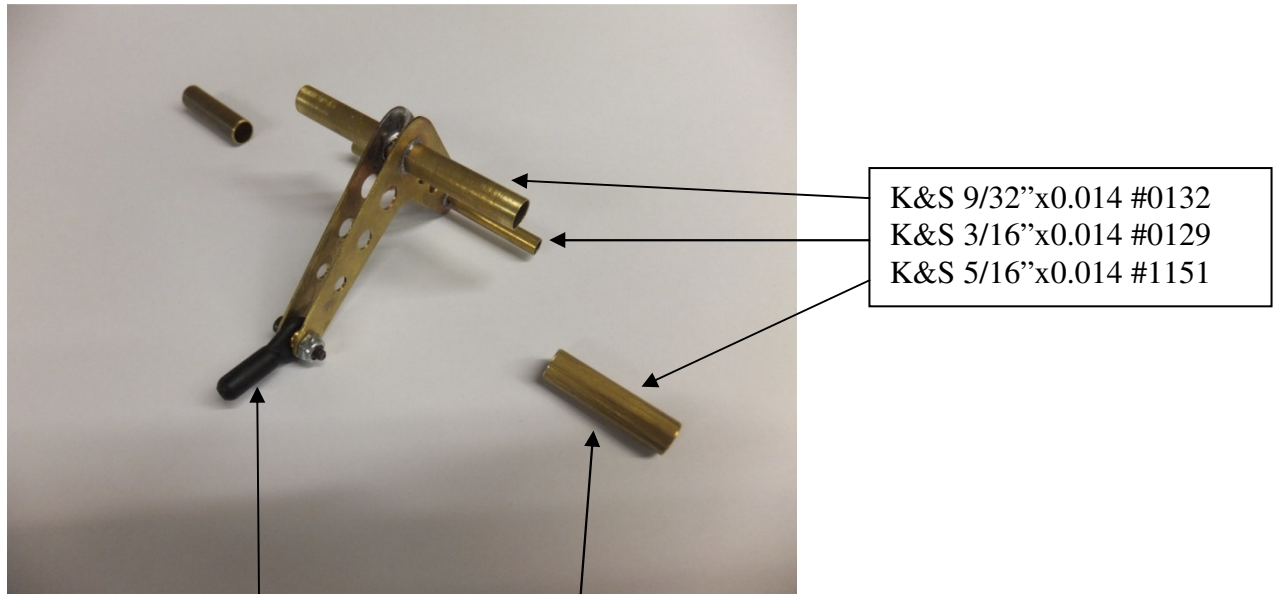


KA6E built progress

The following is a photo series of the built of my scale 1:3.125 Ka6E scale glider.
This is a prototype built and some features may be a little different to what is shown on the free drawings available on the SSUK web site.

First job prefabricate elevator horn mechanism from brass sheet (0.8mm), and K&S brass tubing



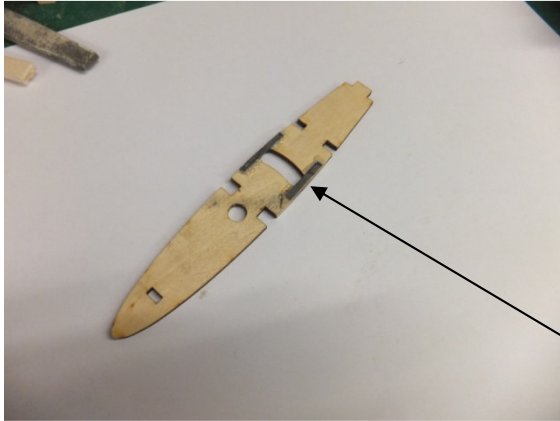
Dubro 4-40 Swivel Ball link (#14840-C)

Brass hinge sleeves to be epoxied later to former F16 and in stub ribs.



Rear fuselage formers

Manual increase slot width in F16 for clearance of Nyloc nut



Stub ribs are delicate due to curved slot hole. Epoxy little carbon strips on thin area to Inside only to prevent damage. Once in place it will stay in one piece.
 NOTE: The stub ribs are not symmetric, they are not square to the formers. When fitted to the formers the front will point downwards.



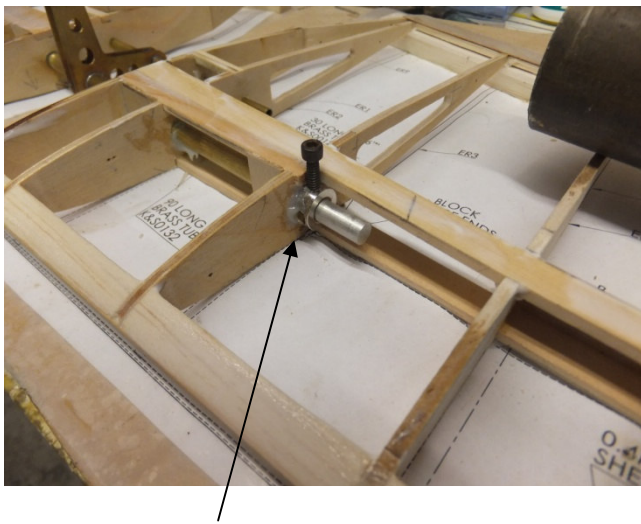
Dry fit rear fuselage parts with elevator horn. Check that horn moves free to maximum deflections without interference and plenty of clearance.

Next Elevators halves





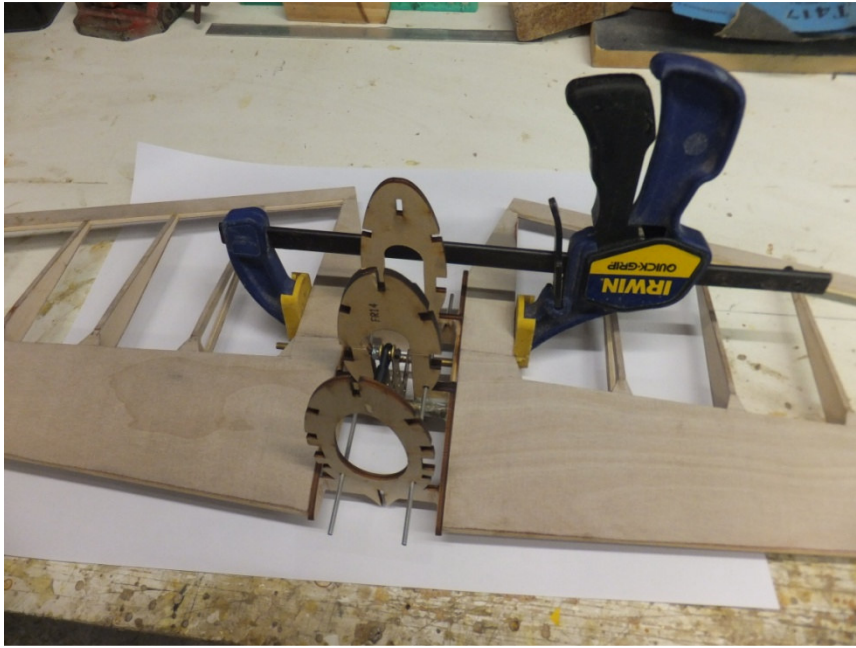
Use building board to setup elevator construction
Place support blocks under spars and t/e to form a true horizontal taper of the elevator halves. Use elevator horn as jig to ensure sleeves in elevators line up and halves are parallel and true to elevator horn.



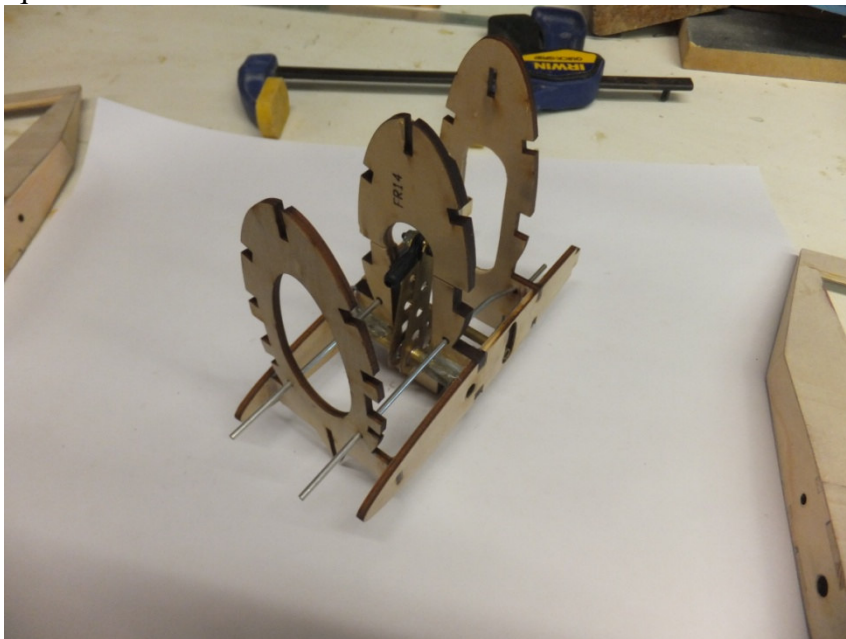
Dubro 1/4" wheel collar #244 epoxied to rib at end of sleeve for later retaining of elevator halves to fuse. Bolt to underside of elevators



Both elevator halves completed
182 grams for the pair together



Fuse tail formers and stub ribs epoxied together with elevator horn assembly attached. Elevator halves are used to clamp assembly and during curing and to keep everything square.



Tail formers sub assembly completed. Aluminum tubes for Pull-Pull rudder cables fitted.