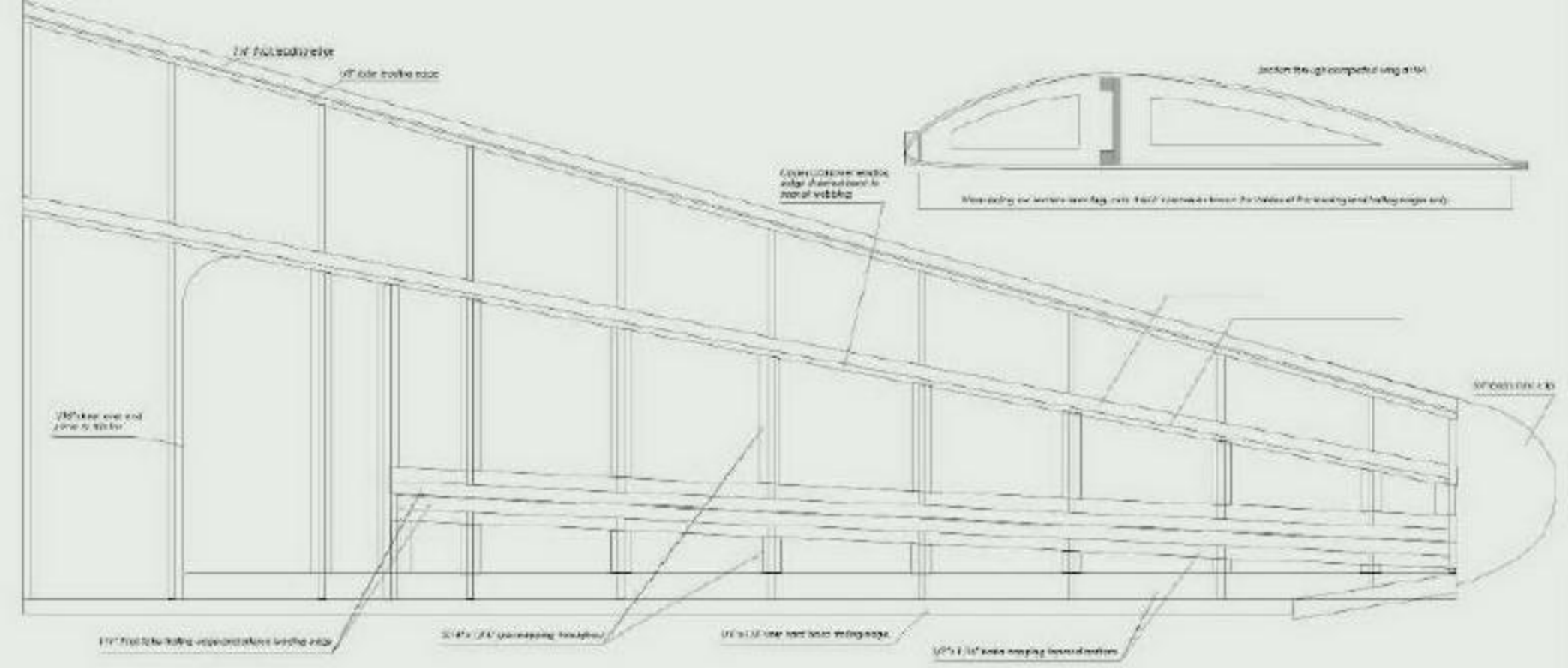

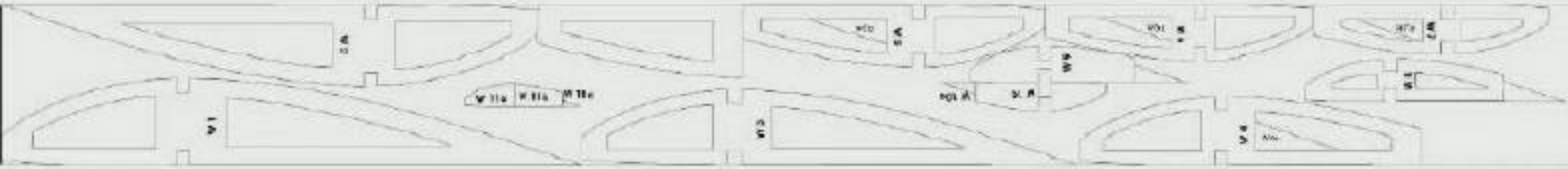

NOTES Assembly Setting out, wing joining, construction, bottom surface, including leading edge, trailing edge, fin, fuselage, sheeting, 1/8" trailing edge casting, 1/8" main trailing edge and aileron trailing edge castings and all 1/8" gaps can be filled with lightweight modelling filler.

Slide mounting in place and glue all these parts, leaving the front 3/4" un glued (allows for the servo tray).

Shape wing joint with epoxy filler, making a gentle curve from vertical. Shape aileron leading edge and fit to the trailing edge of aileron. Glue hinges in place.

With sheeting, all bonds need to be leading edge and trailing edge, and all ribs and spars must be glued to the sheeting. Use hardwood strip on the leading edge sheeting to allow the sheeting to be shaped to the correct profile.

Glue false leading edge into place. Shape tips of false leading and trailing edges to fit the tips of the wing. Glue in centre rib. Fit the false leading edge sheeting and the wing tip. Finally shape leading and trailing edge and wing tip to suit.

Shape leading edge of aileron to profile.

top hinged aileron detail

Curve shaped aileron (more come but offset)

Douglas DC3 Dakota
for twin speed 600's
by Roger Jones.
Drawing DC3/1
January 2000