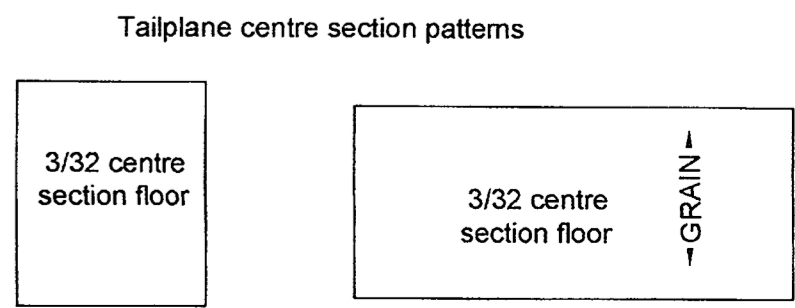


• ESSEX AERO •

G-AE XF

Percival "MEW GULL"

36.75" SPAN - 1:8 FLYING SCALE MODEL FOR ELECTRIC POWER AND MINI R/C SYSTEMS.



The edge of some 1/16 sheet was sanded down and strips cut off. These were cut into pieces and the edges finished off. Then they were glued to a piece of thin card.

The louvred panel is only on the starboard cowling, the "Castrol" badge is on both sides.

Solder 'ball' on before completing the bending and snap the link on.

Spar is built from two laminations of 3/32 x 3/16, sandwiching the hinges.

Tips black from here.

Cowling hinges

Typical section

root & tip ribs from 3/32

Exhaust stubs from drinking straw. ("plugged" with scrap balsa)

Soft block (hollowed out) centre section fairing.

Wing is retained by a swivel latch screwed into hardwood block.

Sides, bottom & top of rear are covered with 1/32 sheeting.

Tailskid 2 x 1/32 ply + 1/16 balsa each side. Sand to section, add 1/32 ply 'foot' and glue in place with scrap reinforcement.

doubler

1/32 ply double horn (closed loop)

hinges

Flag

Cut rudder away after construction.

Ball type link

1/8 x 1/4

1/8 x 1/4

Build TE as one assembly, cutting away this section later.

trim tabs

Hinges from doculam or tex strip

Ball type link

all other 'ribs' from 1/16 x 1/4 (sand down)

3/32 centre section floor

Cover top with 1/32

3/32 sheet gusset

1/8 x 3/16

1/8 x 3/16

1/8 x 1/4

1/8 sheet tip

3/32 sheet gusset

1/8 x 3/16

1/8 x 3/16

3/32 sheet gusset

1/8 x 3/16

1/8 x 3/16

1/8 x 3/16

1/8 x 3/16

1/8 x 3/16

1/8 x 3/16

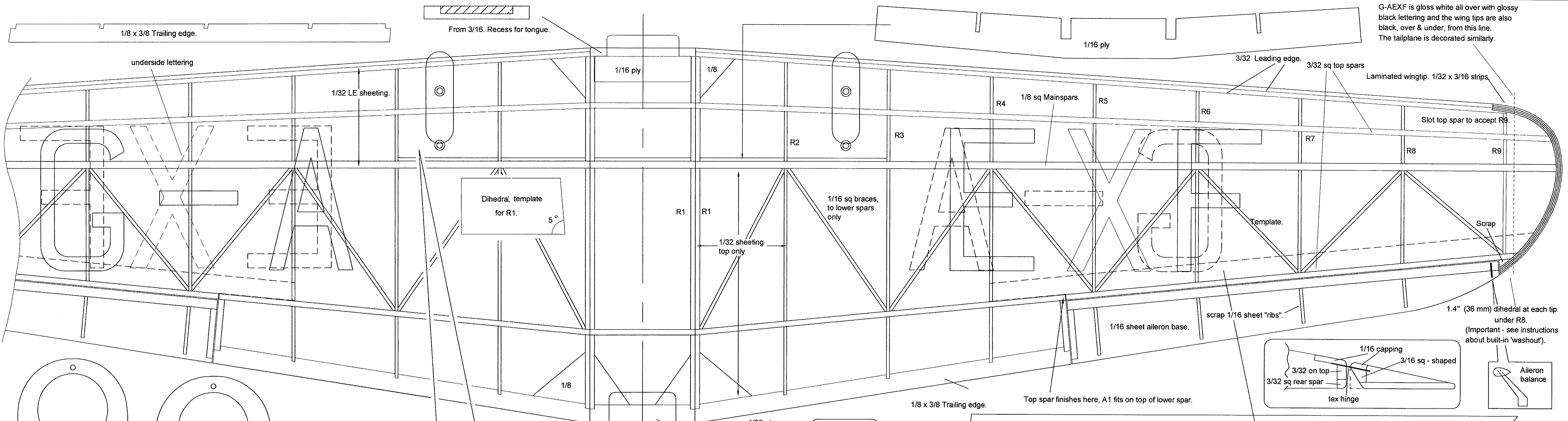
1/8 x 3/16

1/8 x 3/16

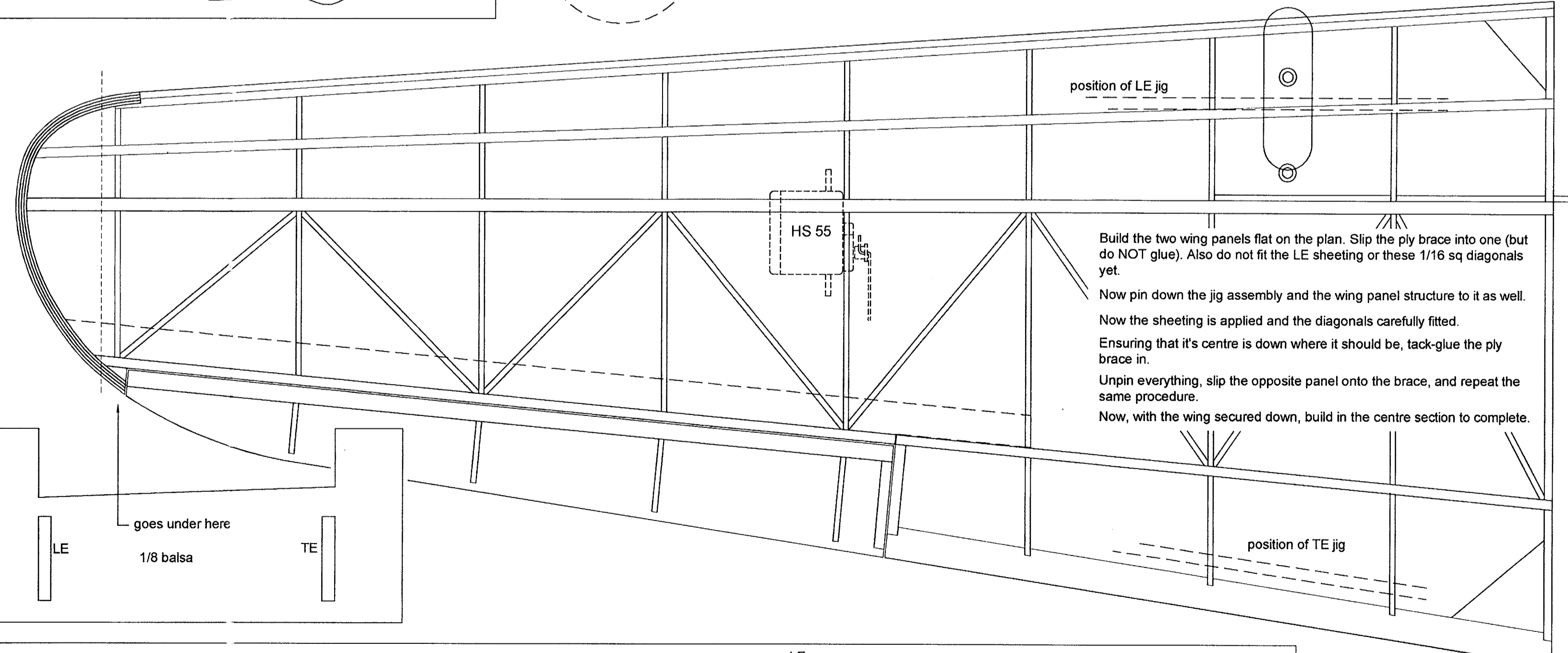
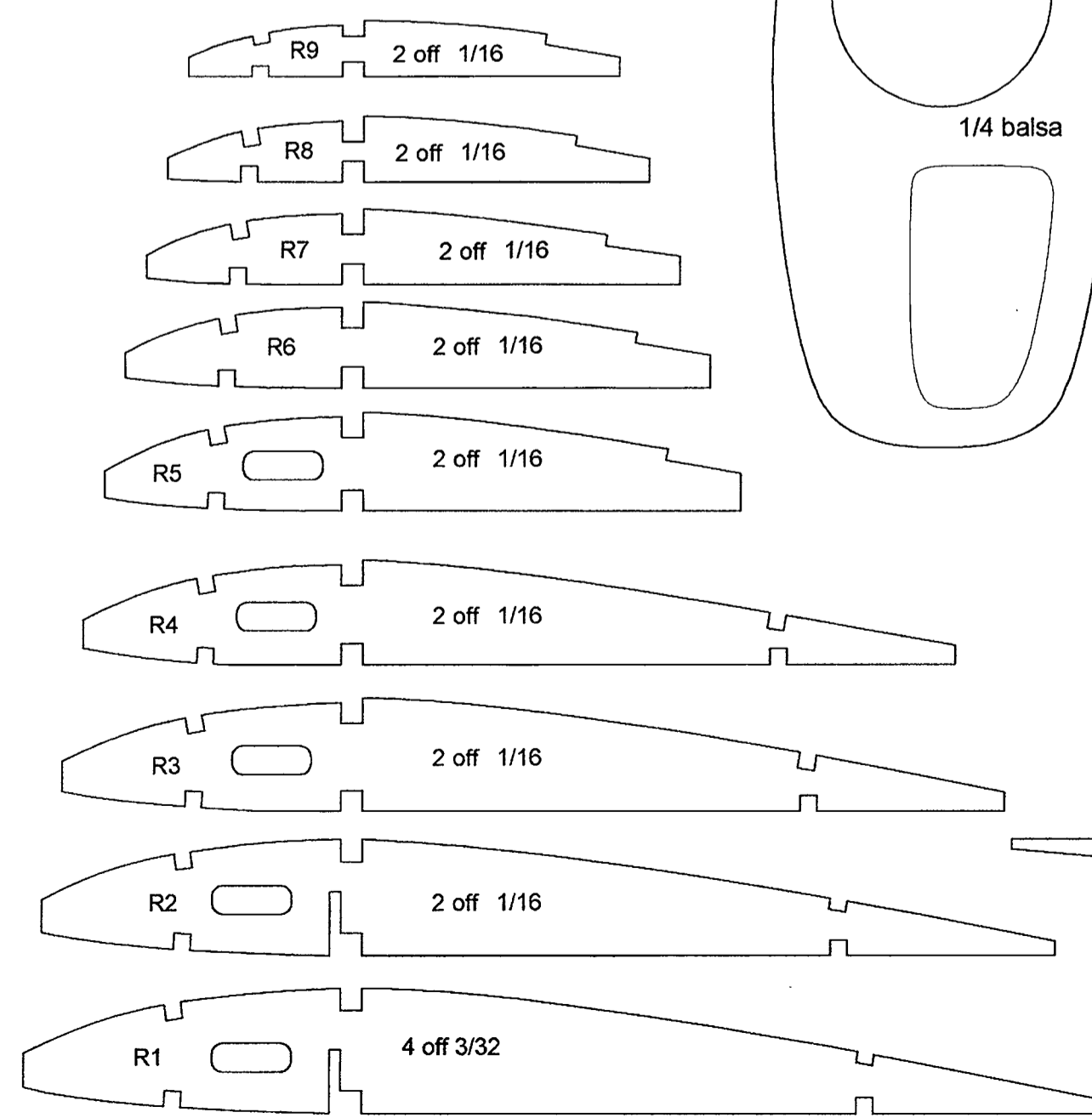
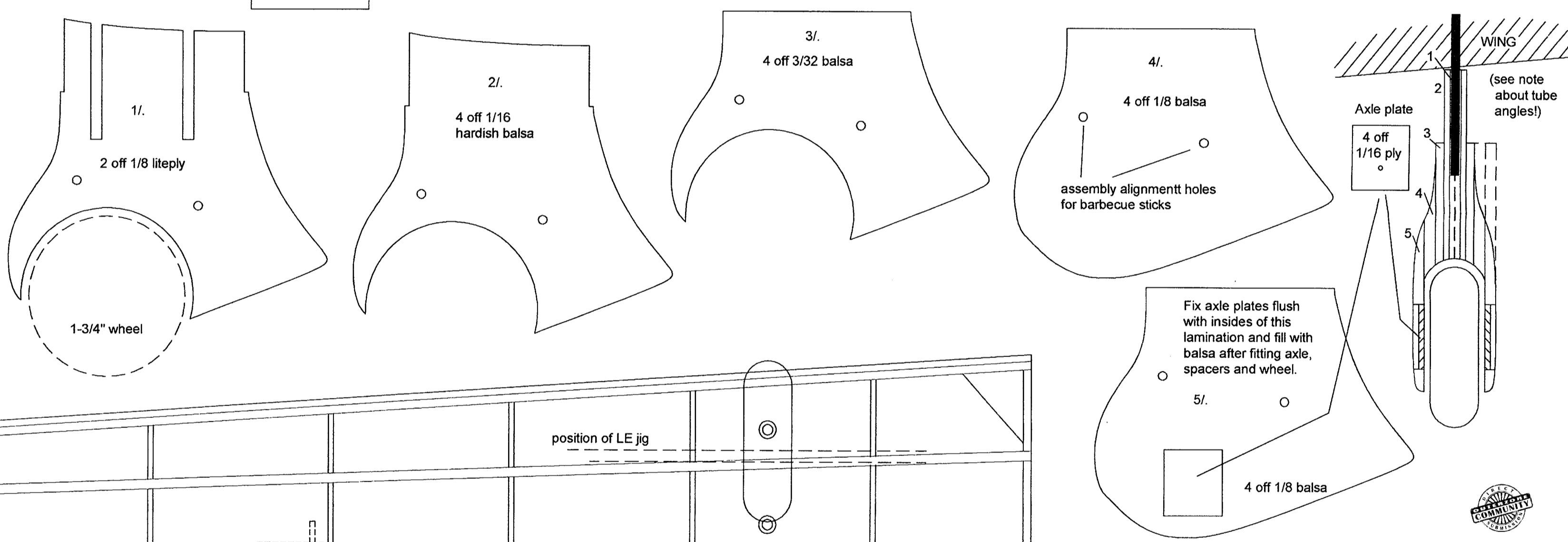
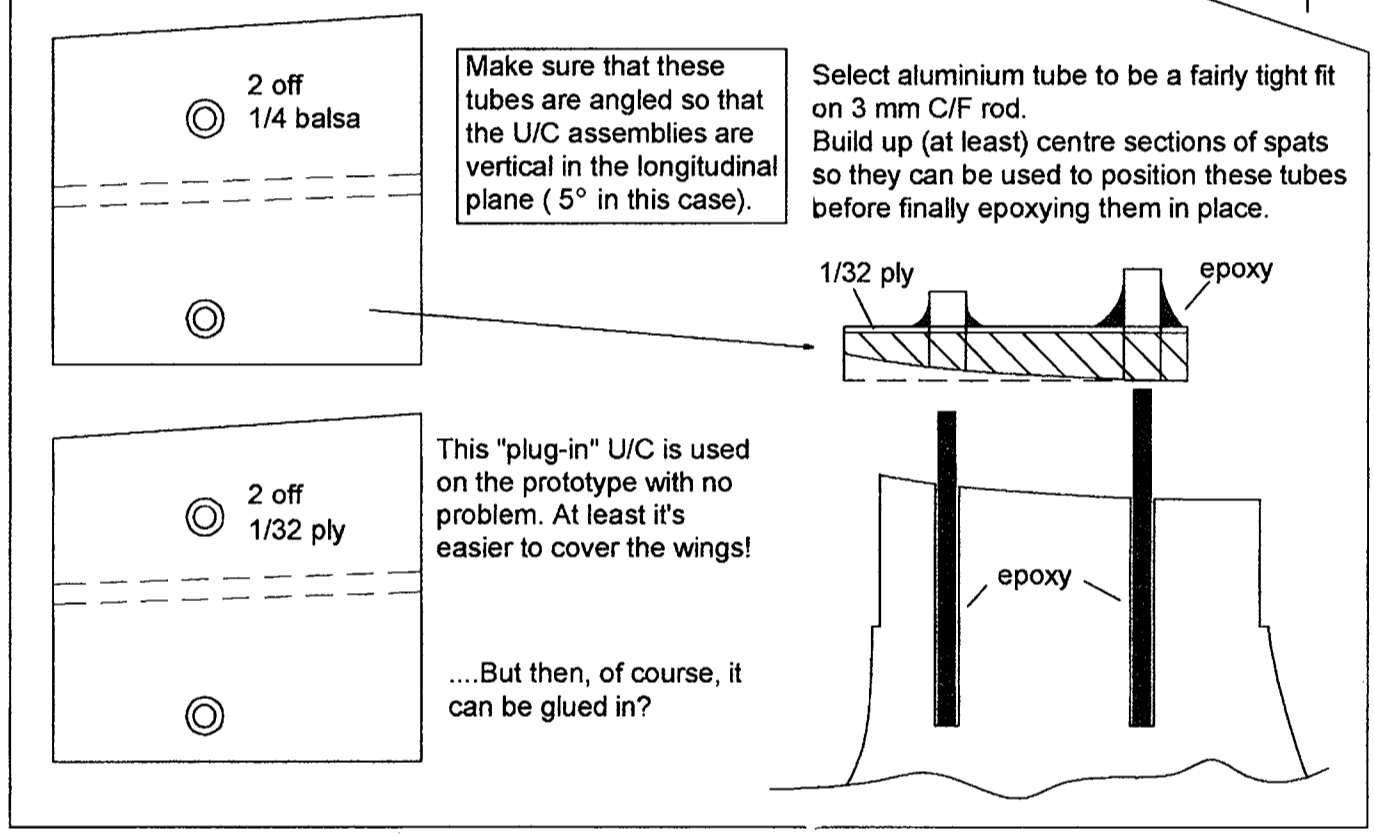
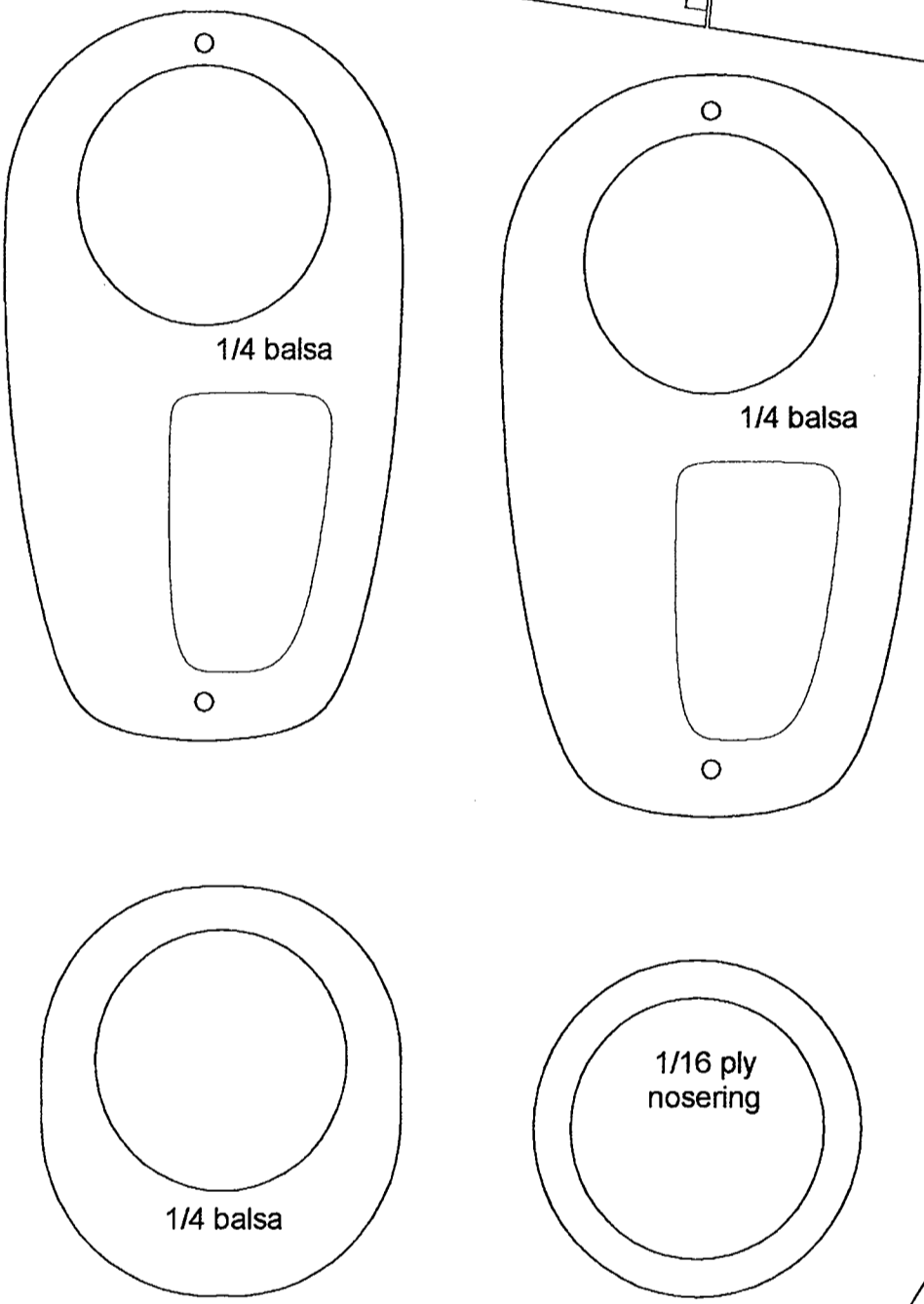
1/8 x 3/16

1/8 x 3/16

1/8 x 3/16



G-AEXF is gloss white all over with glossy black lettering and the wing tips are also black, over & under, from this line. The tailplane is decorated similarly.



Build the two wing panels flat on the plan. Slip the ply brace into one (but do NOT glue). Also do not fit the LE sheeting or these 1/16 sq diagonals yet.

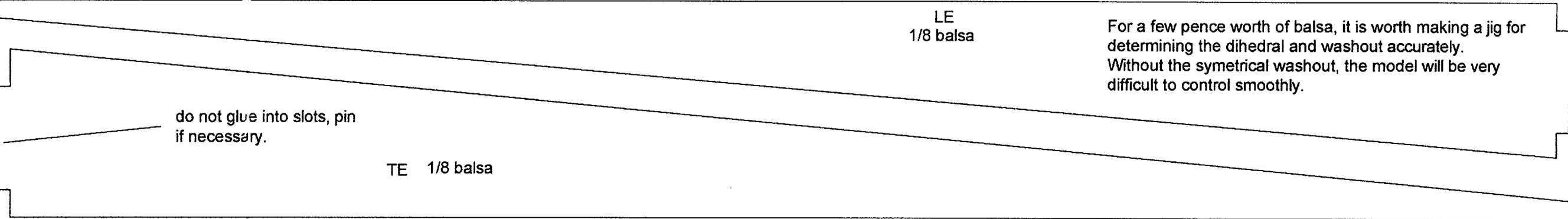
Now pin down the jig assembly and the wing panel structure to it as well.

Now the sheeting is applied and the diagonals carefully fitted.

Ensuring that it's centre is down where it should be, tack-glue the ply brace in.

Unpin everything, slip the opposite panel onto the brace, and repeat the same procedure.

Now, with the wing secured down, build in the centre section to complete.



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