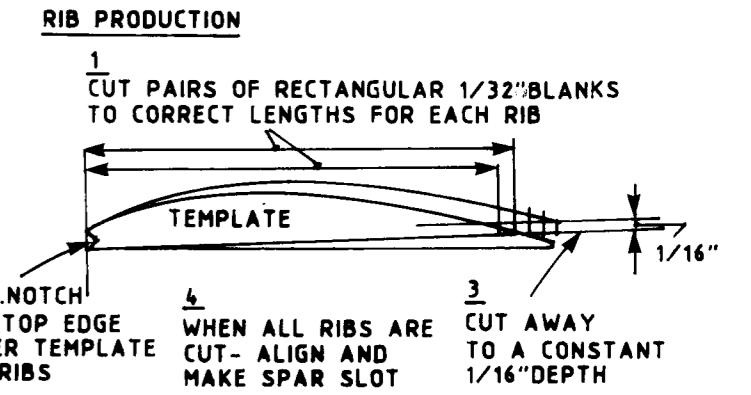
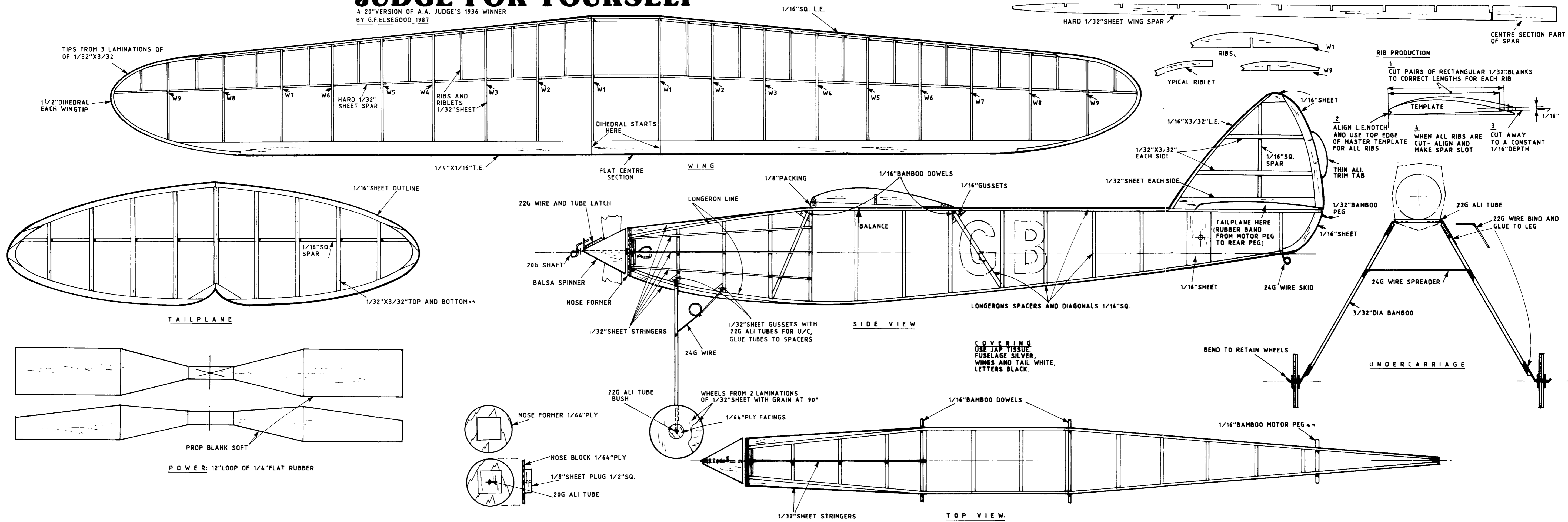


# JUDGE FOR YOURSELF

A 20" VERSION OF A.A. JUDGE'S 1936 WINNER  
BY G.F. ELSEGOOD 1987



**COVERING**  
USE JAP TISSUE.  
FUSELAGE SILVER,  
WINGS AND TAIL WHITE,  
LETTERS BLACK.

Try small-field fun with G.F.  
Elsegood's 20in miniature of  
the 1936 Wakefield winner

BUILD  
FROM OUR  
**FULL SIZE**  
PLANS!

# JUDGE FOR YOURSELF!

**G**ROWING nostalgia, fuelled by the success of my version of G.W.W. Harris' GH 20 (October 1986 *Aeromodeller* full-size plan) led to a deepening interest in pre-war Wakefields and a desire to build miniature versions of the pre-war winners. A.A. (Bert) Judge's Wakefield was the first in the series. All the necessary information came from the October 1986 issue of this magazine.

## Get out the wood!

This model proved the easiest of the series to build. Very few constructional notes are needed. The fuselage is a conventional slabsider with the nose faired to circular section by 1/32in sheet stringers. All longerons and spacers are 1/16in square balsa. The usual proviso about selecting wood of equal strength and density for the longerons must apply or creation of a distortion-free assembly will be difficult. The nose former is from Mirralyte ply.

Wing assembly demands careful cutting of the tapered spar and ribs. The rib method is detailed on the plan. Tail and fin outlines are from soft 1/16in sheet with 1/32 x

3/32in ribs top and bottom of the 1/16in sq. spar. Carve propeller and spinner from soft block backed with 1/64in Mirralyte. Epoxy the freewheel latch to the spinner. Prop shaft is from 20swg wire. Wheels are laminated from 1/16in sheet. The bamboo undercarriage legs taper from 3/32 to 1/16in diameter. Wire fittings are bound with fine cotton and reinforced with balsa cement, epoxy or cyano.

Covering in lightweight tissue or Jap, applied slightly damp. Give the entire model one coat of 50/50 dope/thinners mixture and lightly spray the fuselage silver. Don't pull the top wing surface covering excessively or elliptical dihedral may result (this happened to my prototype).

## Power and flight

Motive force comes from one loop of 1/4in flat rubber. Pack the leading or trailing edge of the tailplane until a satisfactory glide results (this assumes the model has been correctly balanced first). Wind on a few turns and adjust rudder trim for a right turn. Excessive turn, or stalling, can be trimmed out by side or downthrust. Although this model is essentially a calm-weather flier, its performance is deceptively good. And it really

looks most charming in the air!

## More to come

Other models in this mini-Wake series are the 1937 winner by Emmanuel Fillon, Cahill's Clodhopper and the famous Korda winner. I have almost satisfied this particular aeromodelling urge, but have left perhaps the most beautiful miniature till last - this being a Copland Streamliner. All are to the same wingspan, not common scale; who knows - maybe we'll feature one or two more in the future!

## Aeromodeller full-size plans

Our full-size plans are a deservedly popular, integral part of *Aeromodeller* magazine. Analysis of Reader's Surveys proves this, as does discussion with flyers at meetings throughout the year. We like to think we've presented a reasonable balance of model types - but there's always room for more. At the moment we are especially seeking more Rubber Scale subjects, and we reckon we should be able to feature a 2.5cc Stunt model without too much of a squeeze. This is your opportunity to shine! If you have a design that would fit the bill, call GC on 0442 41221 to discuss; and worry not - drawing-office standards are not required. We can do that, but proven, airworthy models of the types suggested deserve a wider audience. Go to it - and let's hear from you!

*Trim lines of A.A. (Bert) Judge's unmistakable design translate beautifully into this scale replica. Construction (photos below) is basically straightforward. Be a mini-winner!*

