

SOPWITH SS3 TABLOID

1/13th SCALE, SPAN 610 mm WEIGHT 80 grams INDOOR SCALE MODEL, DESIGNED FOR FALCON RADIO GEAR.
ORIGINAL RESEARCH, DESIGN AND DRAWING BY MIKE ROACH

Aircraft were delivered to RNAS units between Nov 1914 and Apr 1915.
They were quickly outdated and short lived, but saw a certain amount of service:

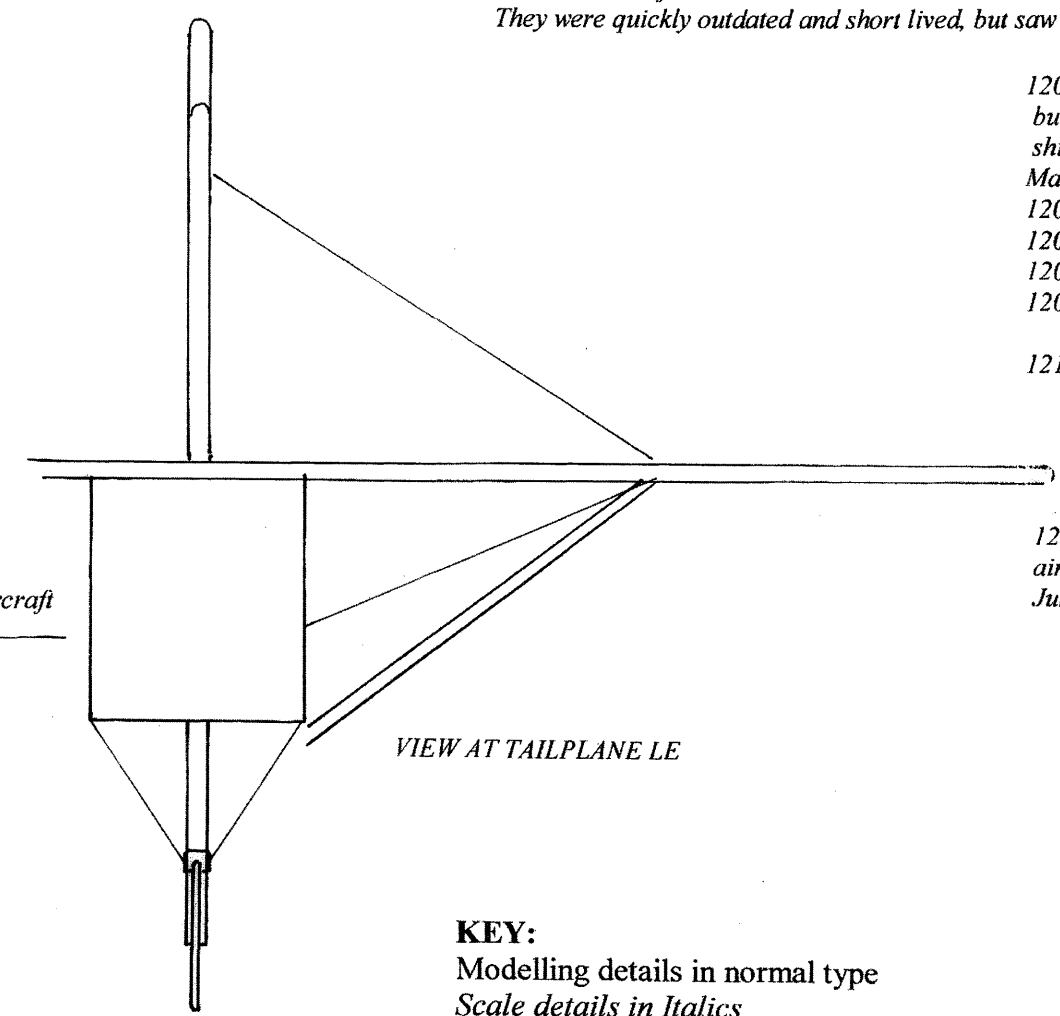
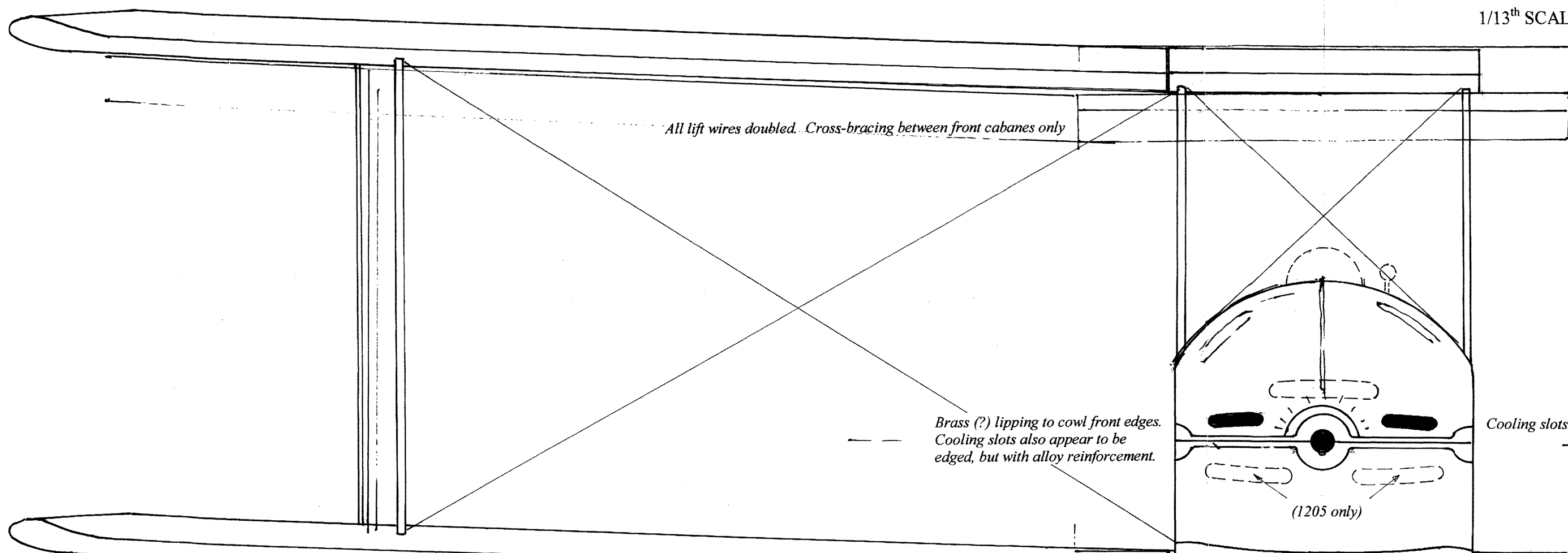
1201 - 1204. HMS Ark Royal, but only 1202 stayed with the ship; the others being left at Malta.
1205. 1 Sqn RNAS, Teneros.
1206. 3 Sqn RNAS, Aegean.
1207, 1208. Great Yarmouth.
1209. Dunkerque, then the Aegean.
1210 - 1212. Eastchurch.

1210 was the longest surviving aircraft, being written off in July 1916.

KEY:
Modelling details in normal type
Scale details in *Italics*
All woods medium/light balsa unless stated

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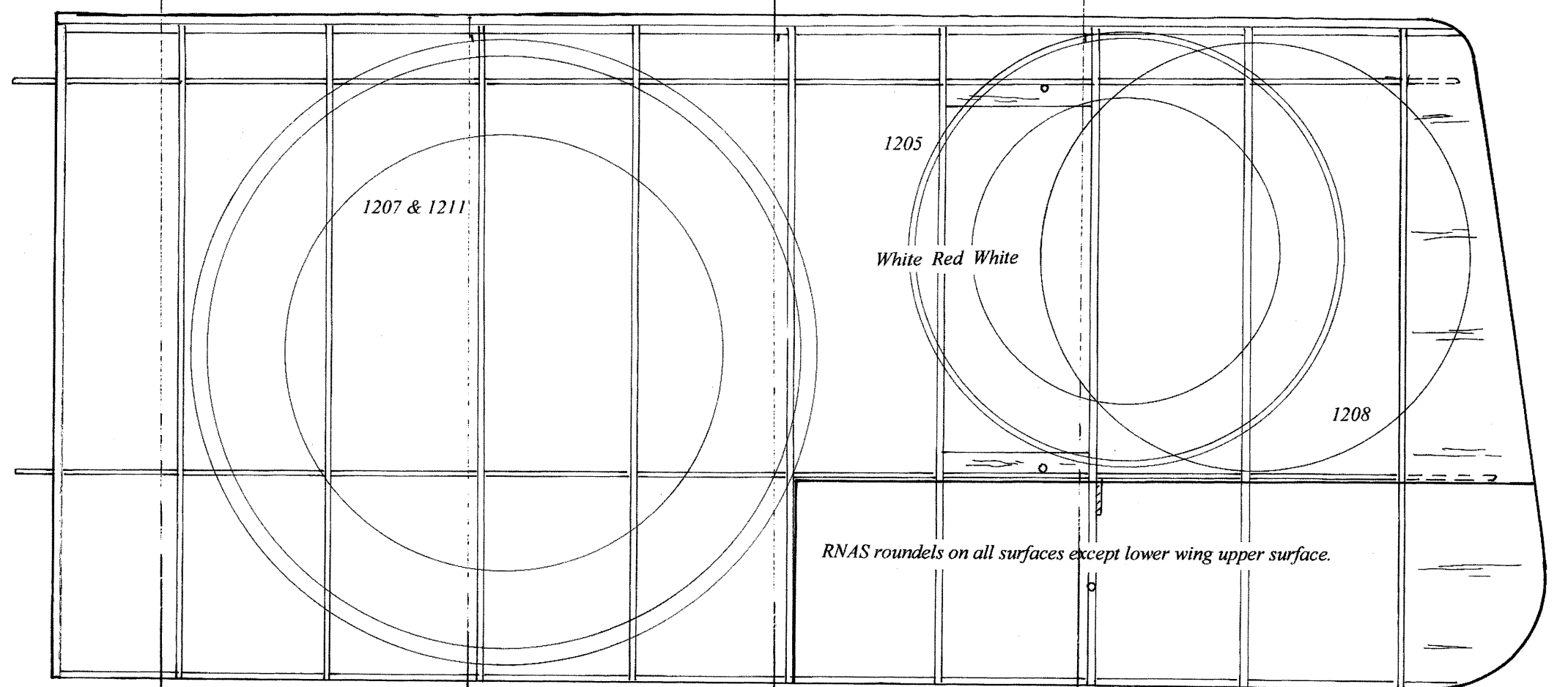
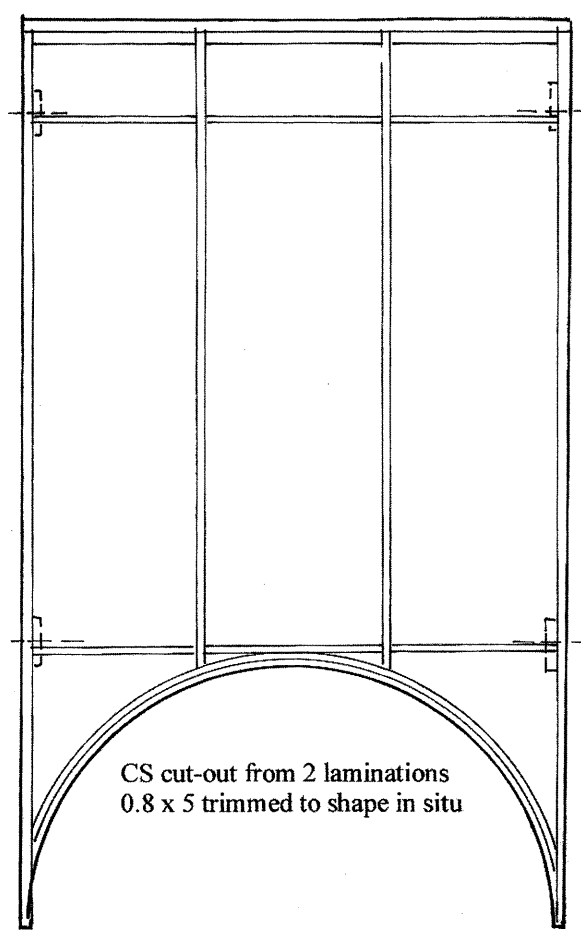
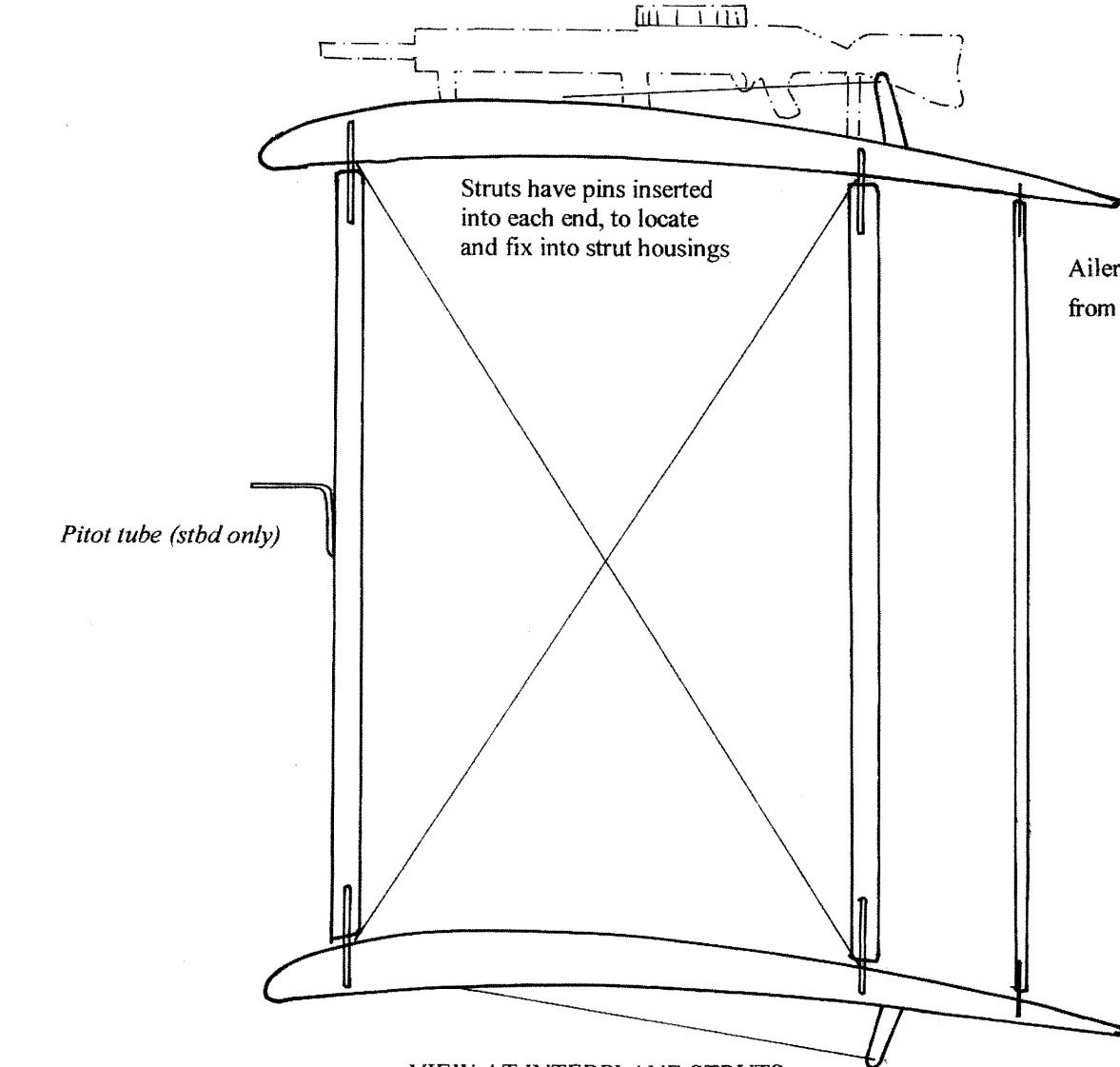
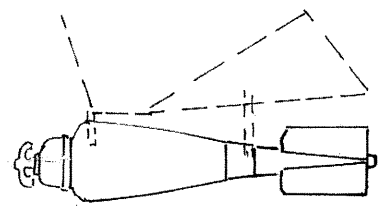
Serial numbers 1201 - 1212, black on white rectangle. Dashed numbers are not authenticated but a similar typeface appeared on early Sopwith Schneiders and Babys in RNAS service.



Model dihedral 20mm at tip rib
Dihedral varied between aircraft: say 5 to 10mm at this scale

Wheels from 2.0 Depron, reinforced with 0.8 ply or 2.0 Liteply
Tyres from 2.0 Depron discs, sanded to shape.
Covers from paper or thin card.

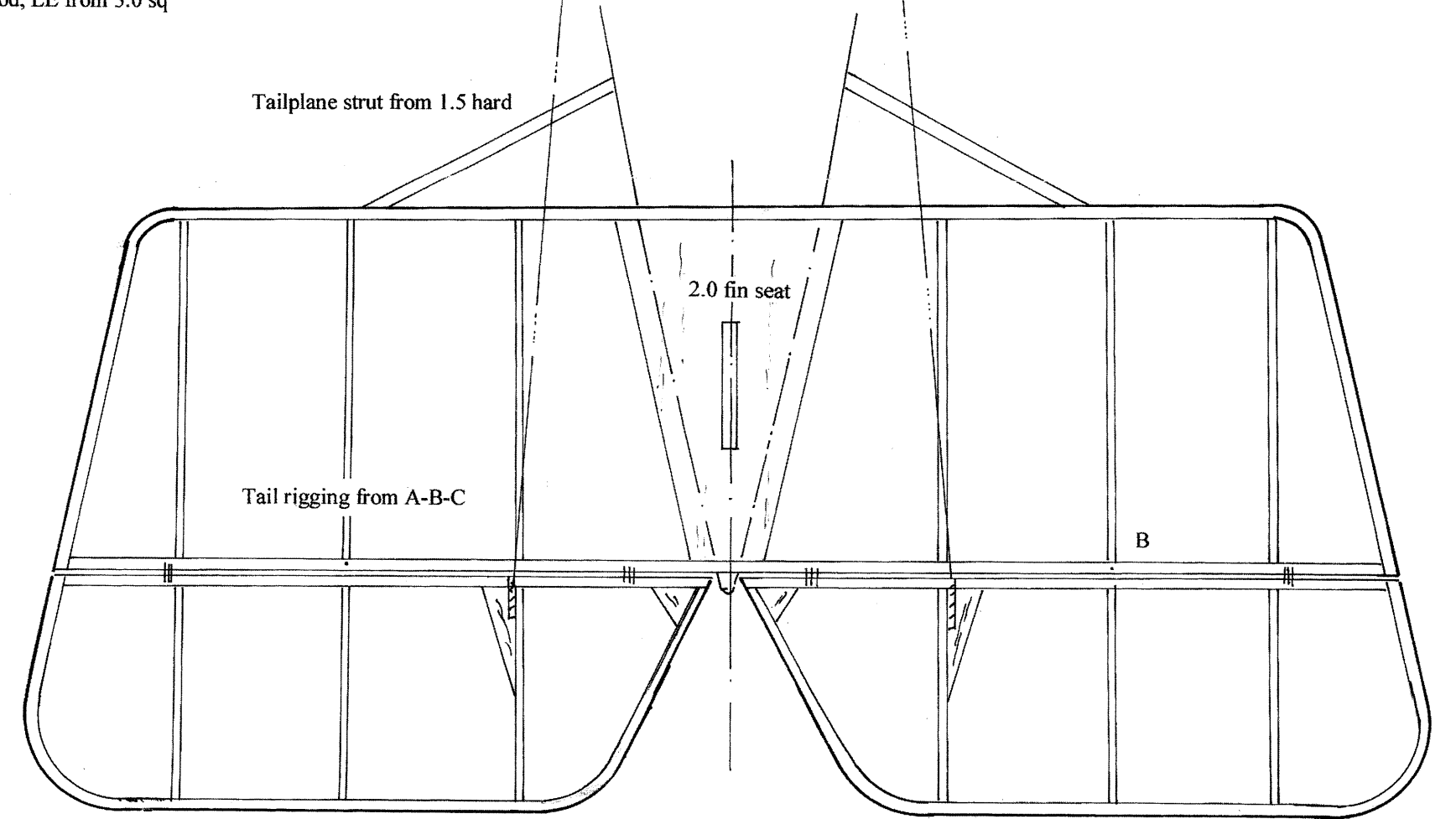
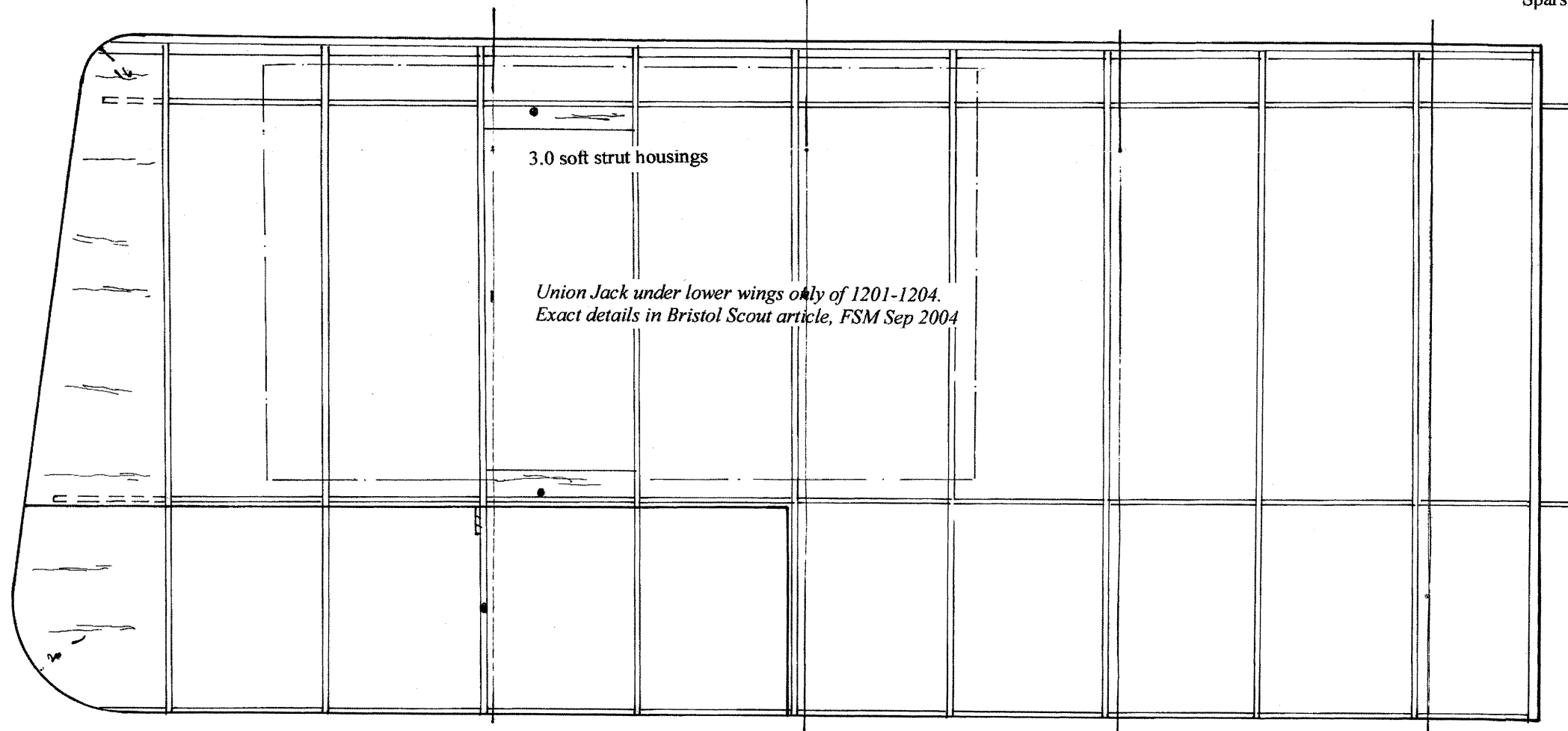
ARMAMENT
20 lb bomb - 4 carried by 1207 and 1208
Water-jacketed Lewis gun on 1205 and 1206



All root ribs 1.5, all other ribs 0.8 light.
Spars and TE 1.0 CF rod, LE from 3.0 sq

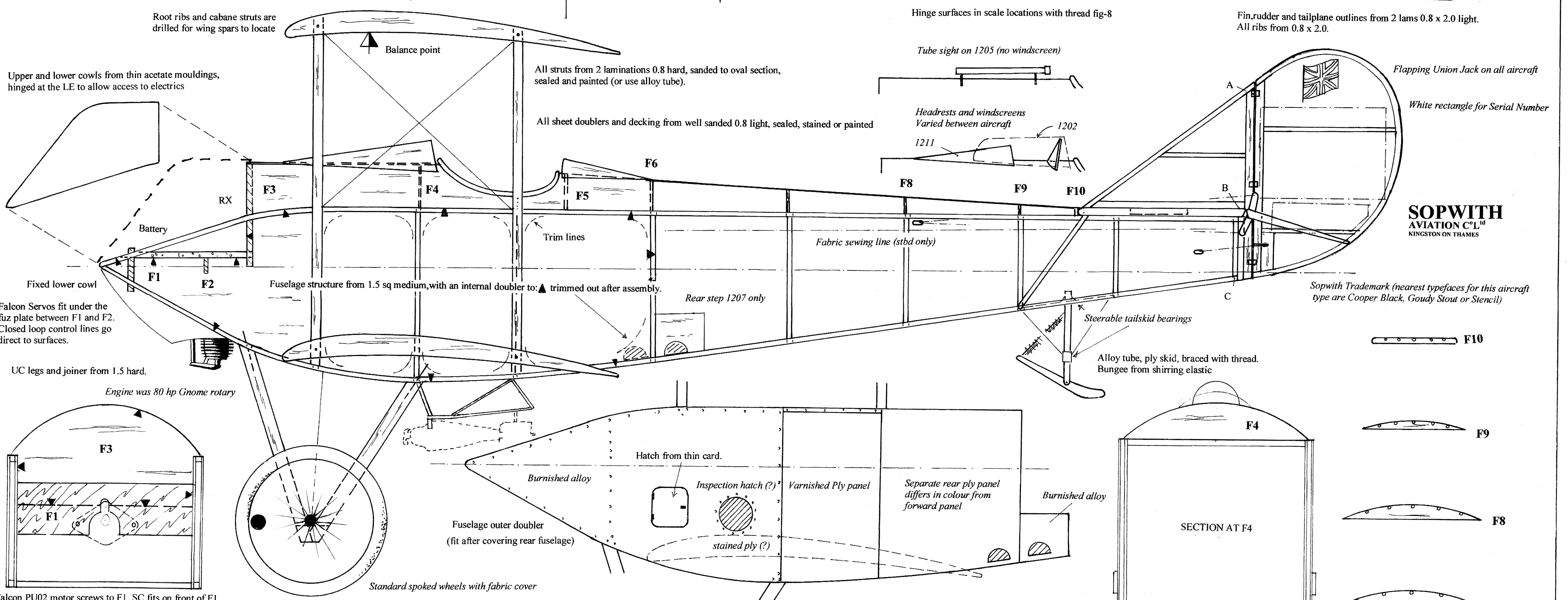
Ailerons - probably used bungee balancing on top wing.
Early ailerons were 2 bays shorter

Wing tips from 1.5 light or 0.8 edged with 1.5.



Hinge surfaces in scale locations with thread fig-8

Fin, rudder and tailplane outlines from 2 lams 0.8 x 2.0 light.
All ribs from 0.8 x 2.0.



Falcon PU02 motor screws to F1. SC fits in front of F1 (no need for ballast on prototype with gear in this position)