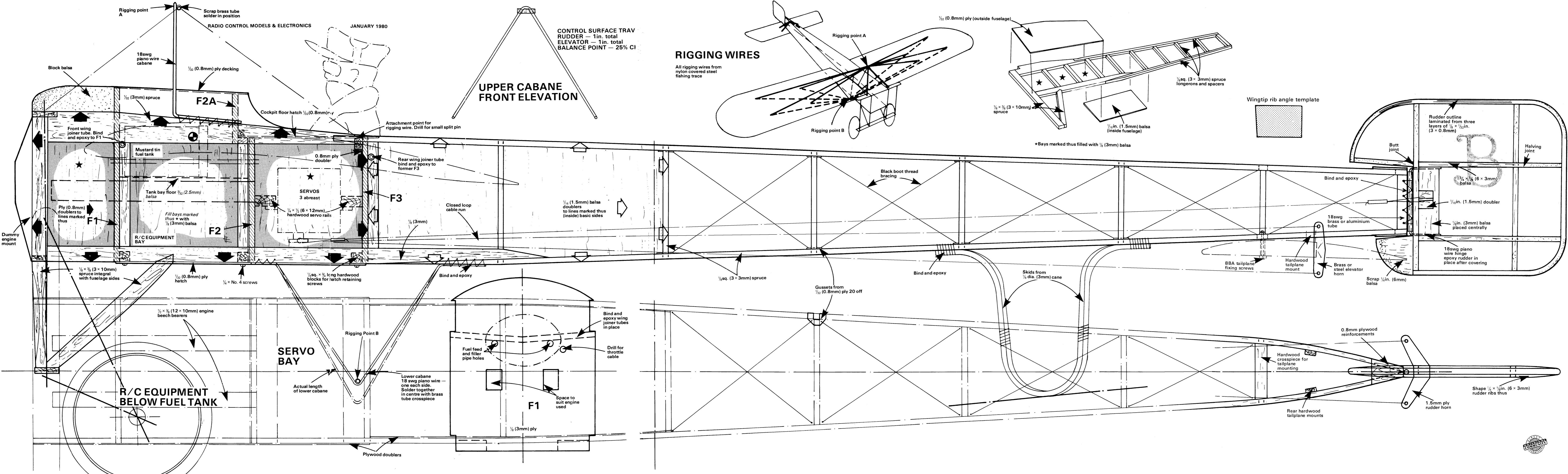


CONTROL SURFACE TRAV
RUDDER — 1in. total
ELEVATOR — 1in. total
BALANCE POINT — 25% CL

RIGGING WIRES

All rigging wires from
nylon covered steel
fishing trace



UPPER CABANE FRONT ELEVATION

Block balsa
18swg piano wire
cabane
Rigging point
A
Scrap brass tube
solder in position

F2A
1/2 (0.8mm) ply decking
Cockpit floor hatch 1/2 (0.8mm) ply

F1
Mustard tin fuel tank
Tank bay floor 1/2 (2.5mm) balsa
R/C EQUIPMENT BAY

F2
SERVOS
3 abreast
1/4 x 1/2 (6 x 12mm) hardwood servo rails

F3
0.8mm ply doubler
Attachment point for rigging wire. Drill for small split pin

1/4 (1.5mm) balsa doublers to lines marked thus (inside) basic sides

Black boot thread bracing

*Bays marked thus filled with 1/8 (3mm) balsa

Bind and epoxy

18swg brass or aluminium tube

1/8 in. (1.5mm) doubler

1/8 in. (3mm) balsa placed centrally

18swg piano wire hinge epoxy rudder in place after covering

Scrap 1/4 in. (6mm) balsa

1/2 x 3/8 (12 x 10mm) engine beech bearers

SERVO BAY

Rigging Point B

Lower cabane 18 swg piano wire — one each side. Solder together in centre with brass tube crosspiece

Fuel feed and filler pipe holes

Drill for throttle cable

Space to suit engine used

1/4 (3mm) ply

Plywood doublers

Gussets from 1/2 (0.8mm) ply 20 off

Bind and epoxy

Skids from 1/8 dia. (3mm) cane

0.8mm plywood reinforcements

Hardwood crosspiece for tailplane mounting

Rear hardwood tailplane mounts

1.5mm ply rudder horn

Shape 1/4 x 1/4 in. (6 x 3mm) rudder ribs thus

Rudder outline laminated from three layers of 1/4 x 1/2 in. (3 x 0.8mm) balsa

Butt joint

Halving joint

1/4 x 1/4 (6 x 3mm) balsa

1/8 in. (1.5mm) doubler

1/8 in. (3mm) balsa placed centrally

18swg piano wire hinge epoxy rudder in place after covering

Scrap 1/4 in. (6mm) balsa

1.5mm ply rudder horn

Shape 1/4 x 1/4 in. (6 x 3mm) rudder ribs thus

1.5mm ply rudder horn

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