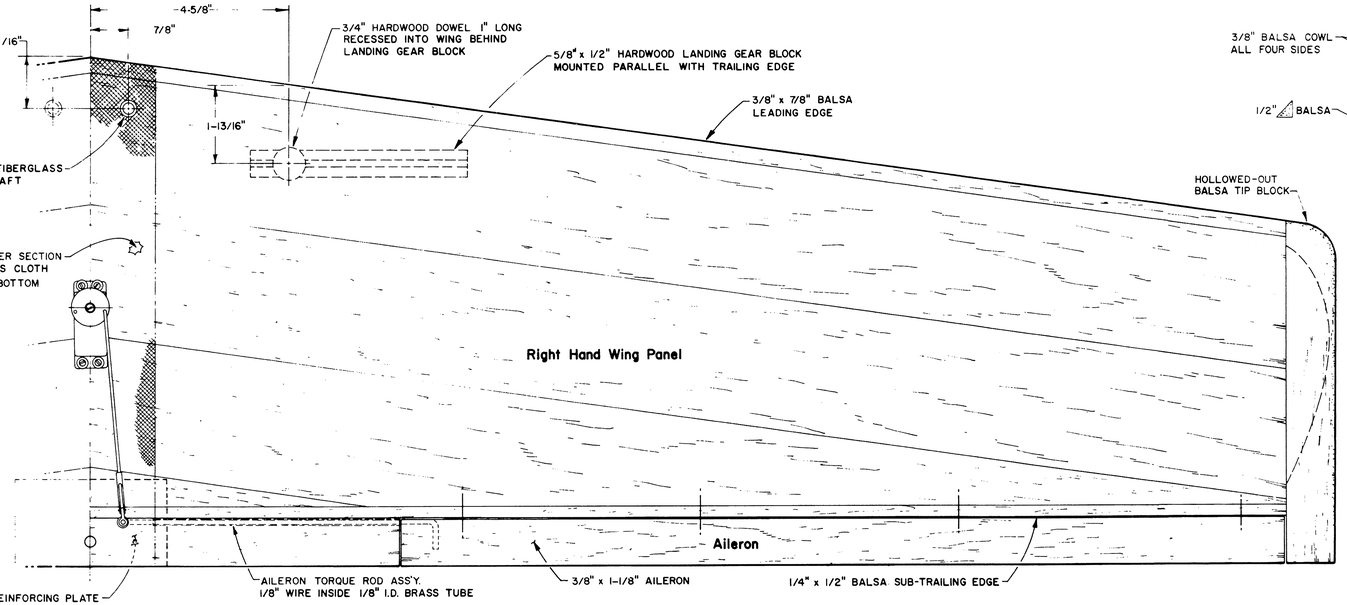
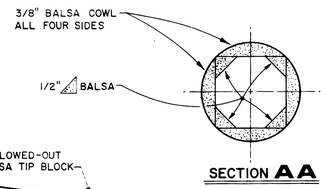
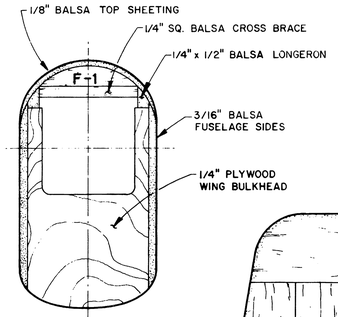
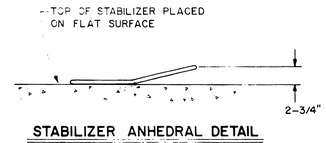




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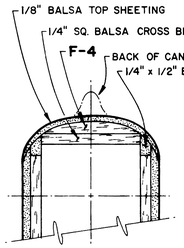


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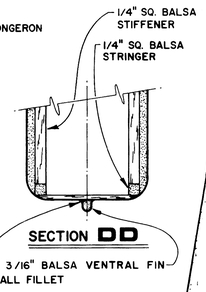


STABILIZER ANHEDRAL DETAIL

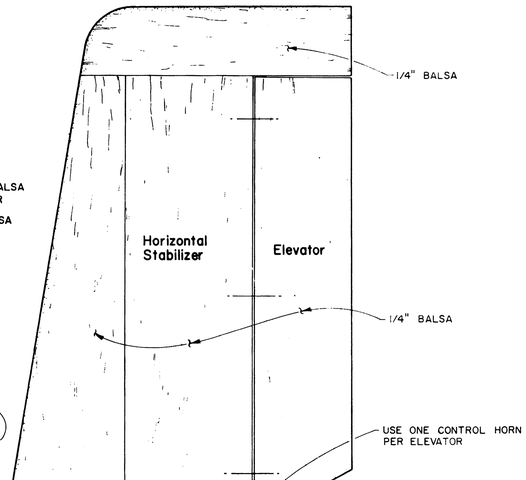
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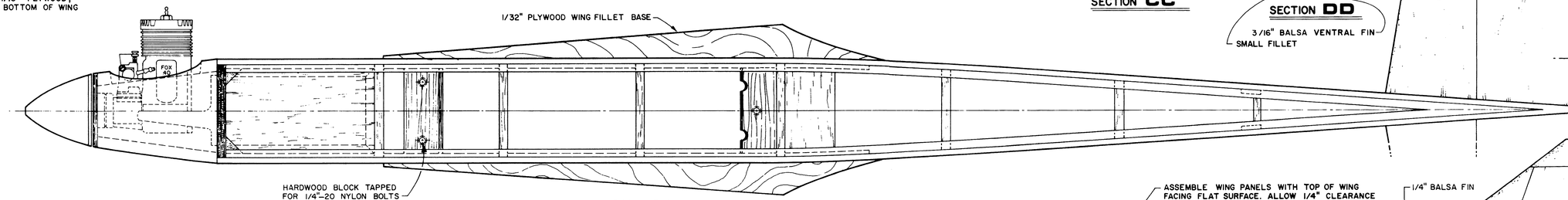


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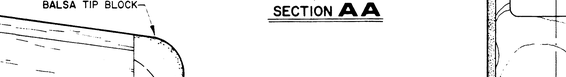
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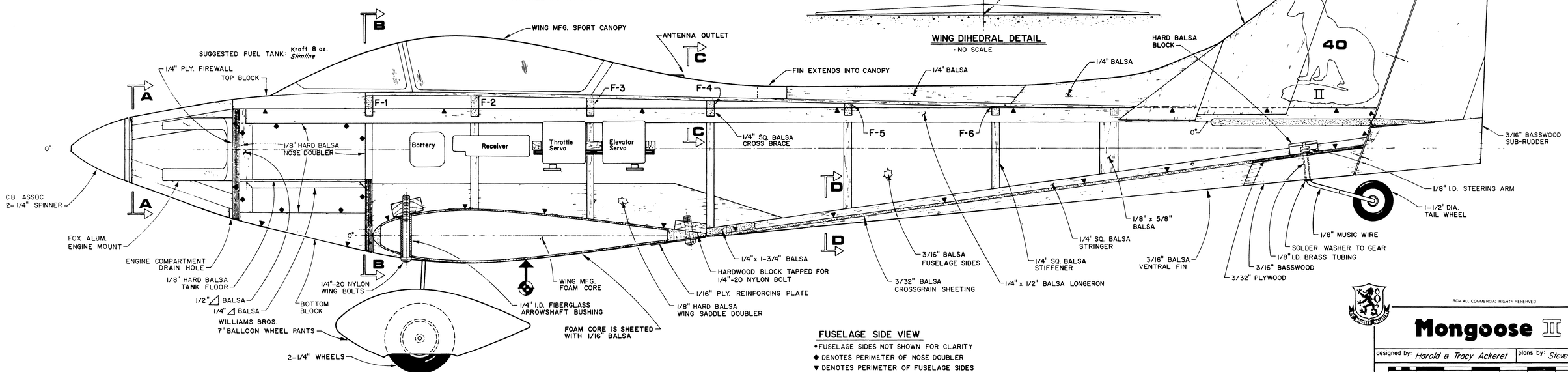
FUSELAGE TOP VIEW

• TOP SHEETING NOT SHOWN



WING DIHEDRAL DETAIL

• NO SCALE



FUSELAGE SIDE VIEW

- FUSELAGE SIDES NOT SHOWN FOR CLARITY
- ◆ DENOTES PERIMETER OF NOSE DOUBLER
- ▼ DENOTES PERIMETER OF FUSELAGE SIDES

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Mongoose II 40

designed by: *Harold & Tracy Ackeret* | plans by: *Steve Calderon*

0 1 2 3 4 5 6 7 8

Sheet 1 of 2

PLAN NO. 929 (2)

Nose Ring
1/16" PLYWOOD

Top Block
5/8" BALSA, LIGHT
TOP VIEW

SIDE VIEW

Bottom Block
1-3/8" BALSA, LIGHT
TOP VIEW

SIDE VIEW

Cowl Sides
3/8" BALSA, MED.
2 REQ'D.

Cowl Top
3/8" BALSA, MED.

Cowl Bottom
3/8" BALSA, MED.

Wing Fillet Base
1/32" PLYWOOD
2 REQ'D.

Wing Saddle Doubler
1/8" BALSA, HARD
2 REQ'D.

F-1
F-2
F-3
F-4
F-5
F-6
ALL FORMERS ARE 1/4" BALSA

1-3/8"
ENGINE ℄
1-7/16"
Firewall
1/4" PLYWOOD
5 PLY.

Wing Bulkhead
1/4" PLYWOOD
5 PLY.

Wing Tip
LIGHT BALSA
2 REQ'D.

Nose Doubler
1/8" BALSA, HARD
2 REQ'D.

SAND FIN & RUDDER TO AIRFOIL SHAPE

1/4" BALSA, MED.
1/4" BALSA, MED.
1/4" BALSA, MED.
Tail Fin
1/4" BALSA, MED.
Rudder
3/16" BALSA, HARD
Sub-Rudder
3/16" BASSWOOD

1/8" I.D. BRASS TUBE
5-5/8"
SHARPEN END TO REDUCE CHANCE OF SPLITTING AILERON
6-32 THREAD
1/8" WIRE
1-3/4"

AILERON TORQUE LINK
• RIGHT HAND SHOWN
LEFT HAND OPPOSITE

THREAD END OF AXLE AND USE TWO No. 6-32 NUTS TO LOCK WHEEL IN PLACE.
SOLDER No. 6-32 NUT TO AXLE
1/8" WIRE

TAILWHEEL ASS'Y.

3-1/2"
1-3/8"
2-5/8"
1-7/8"

LANDING GEAR LEG
• MAKE FROM 5/32" WIRE
• 2 REQ'D.

STEERING REDUCTION ARM
3/32" PLYWOOD
HARDWOOD SERVO RAILS
TO RUDDER
TO TAILWHEEL
TO ELEVATOR
TO THROTTLE

SERVO INSTALLATION DETAIL
• SHOWING TAILWHEEL REDUCTION DRIVE

1/4" LIGHT BALSA
Horiz. Stab. Front
1/4" BALSA, HARD
Horiz. Stab. Rear
1/4" BALSA, MEDIUM
Elevator
1/4" BALSA, MEDIUM
2 REQ'D.
SAW IN HALF AND ADD ANHEDRAL AS SHOWN IN ANHEDRAL DETAIL, SHEET No. 1
SAND ELEVATORS & TIPS TO AIRFOIL SHAPE

Fuselage Side
3/16" BALSA, MED. HARD
2 REQ'D.
EXIT HOLE FOR ELEVATOR PUSHRODS BOTH SIDES
EXIT HOLE FOR TAILWHEEL (NEARSIDE) & RUDDER (FARSIDE).
SEAM LINE FOR 4" WIDE BALSA

TIP AIRFOIL
ROOT AIRFOIL

FOAM CORE CUTTING TEMPLATES

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Mongoose II 40

designed by: Harold & Tracy Ackeret
plans by: Steve Calderon

0 1 2 3 4 5 6 7 8

PLAN NO. 929 2