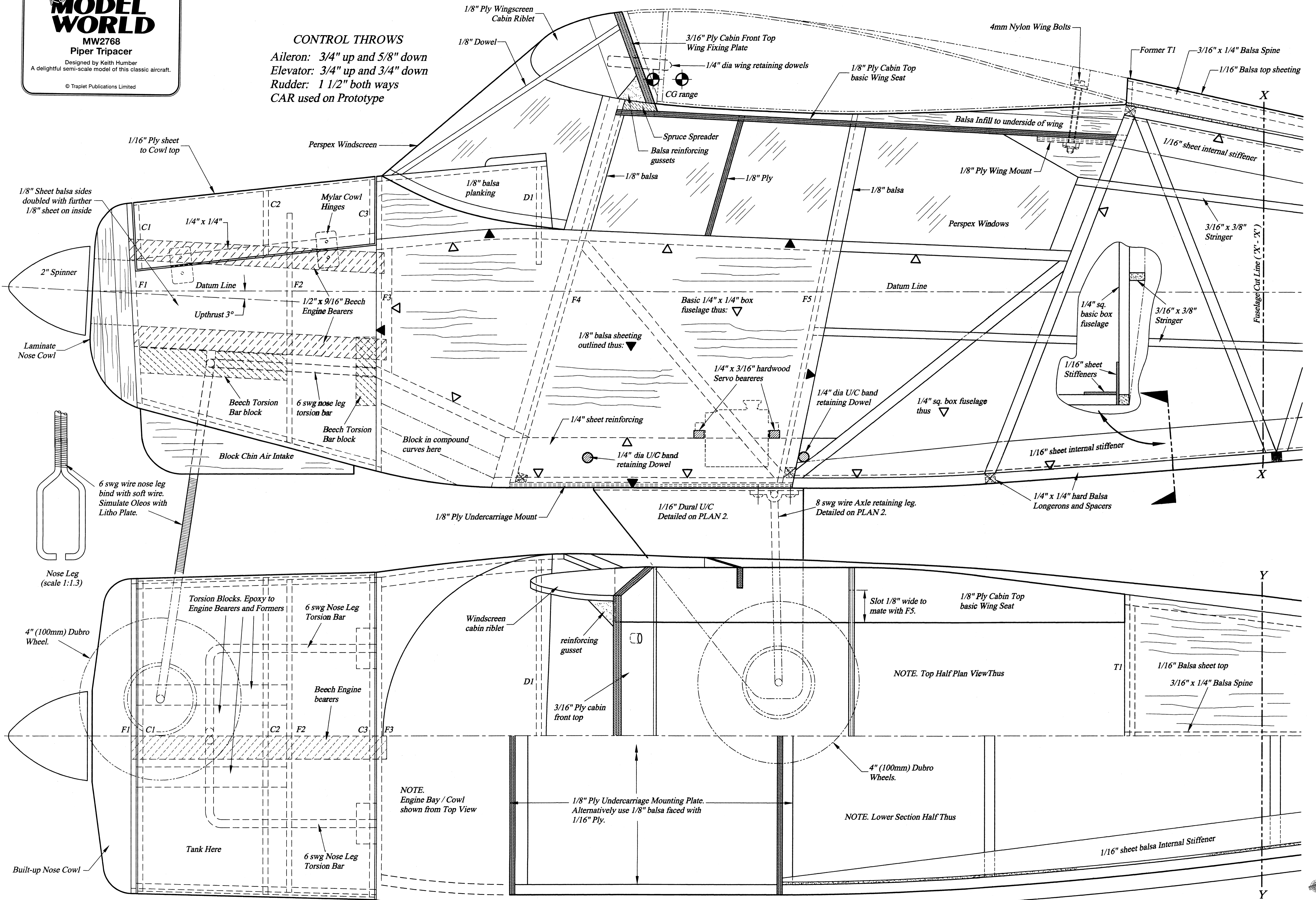
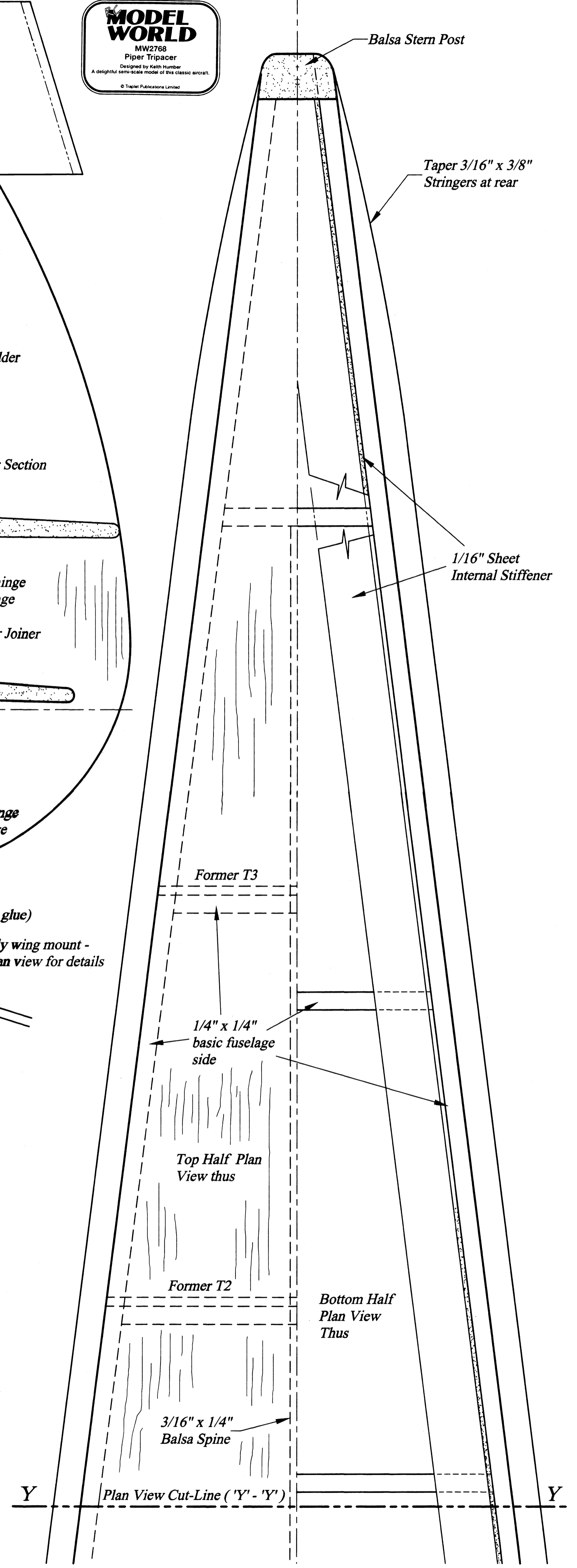
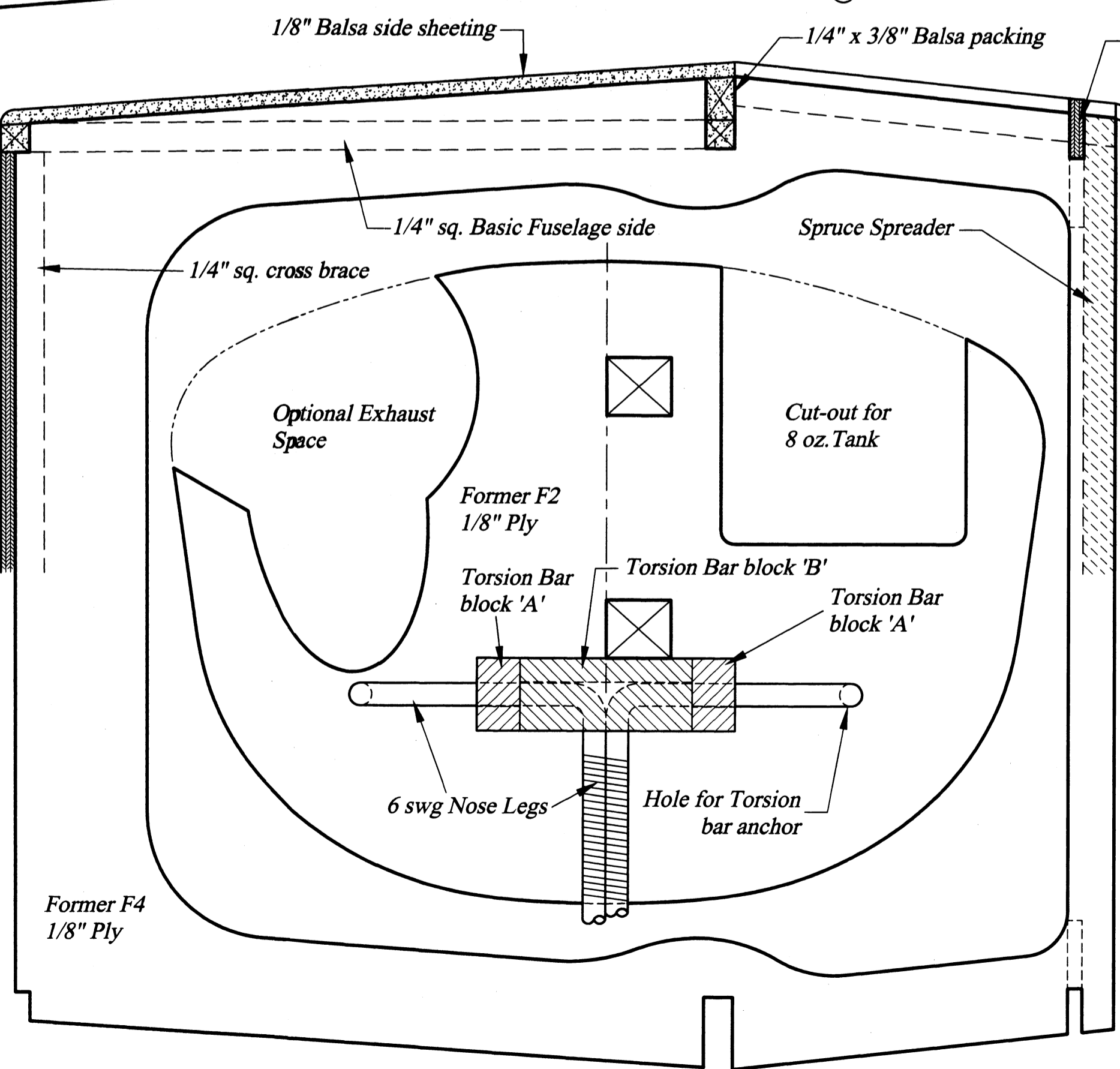
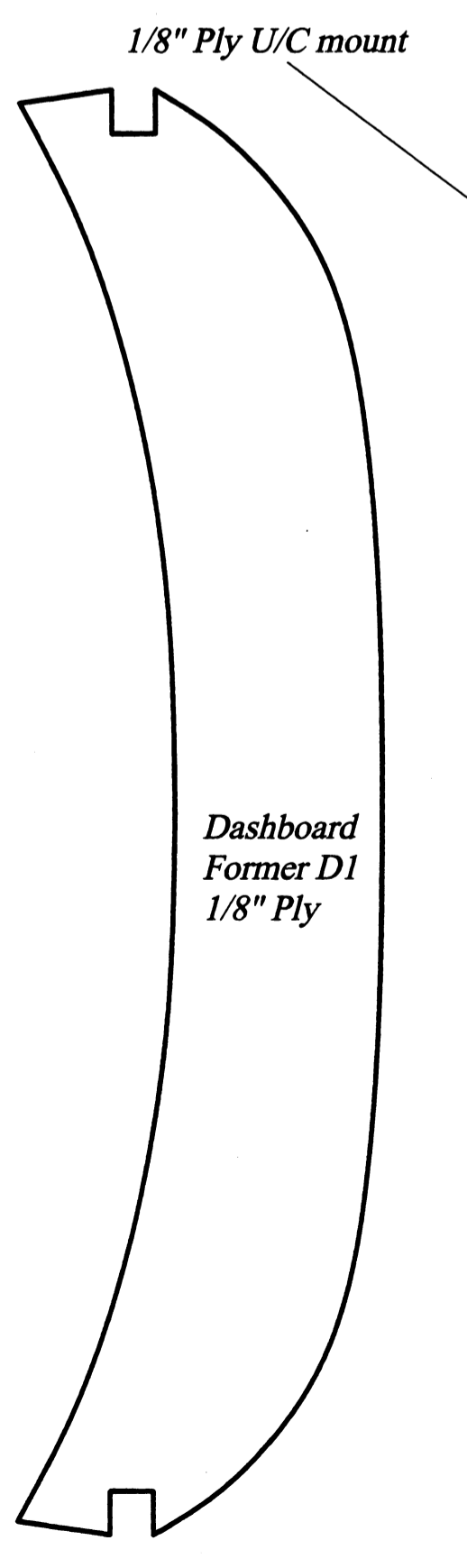
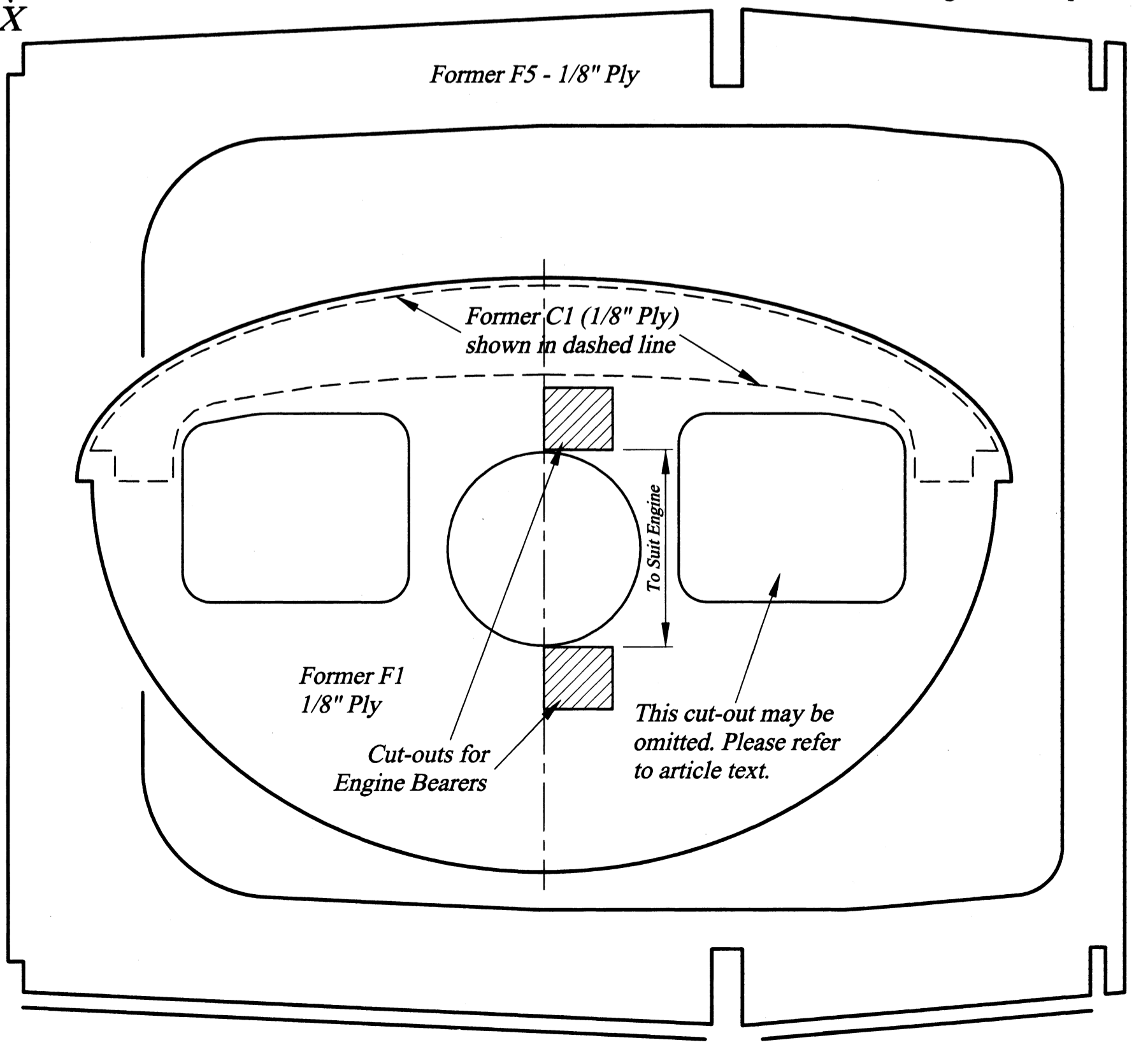
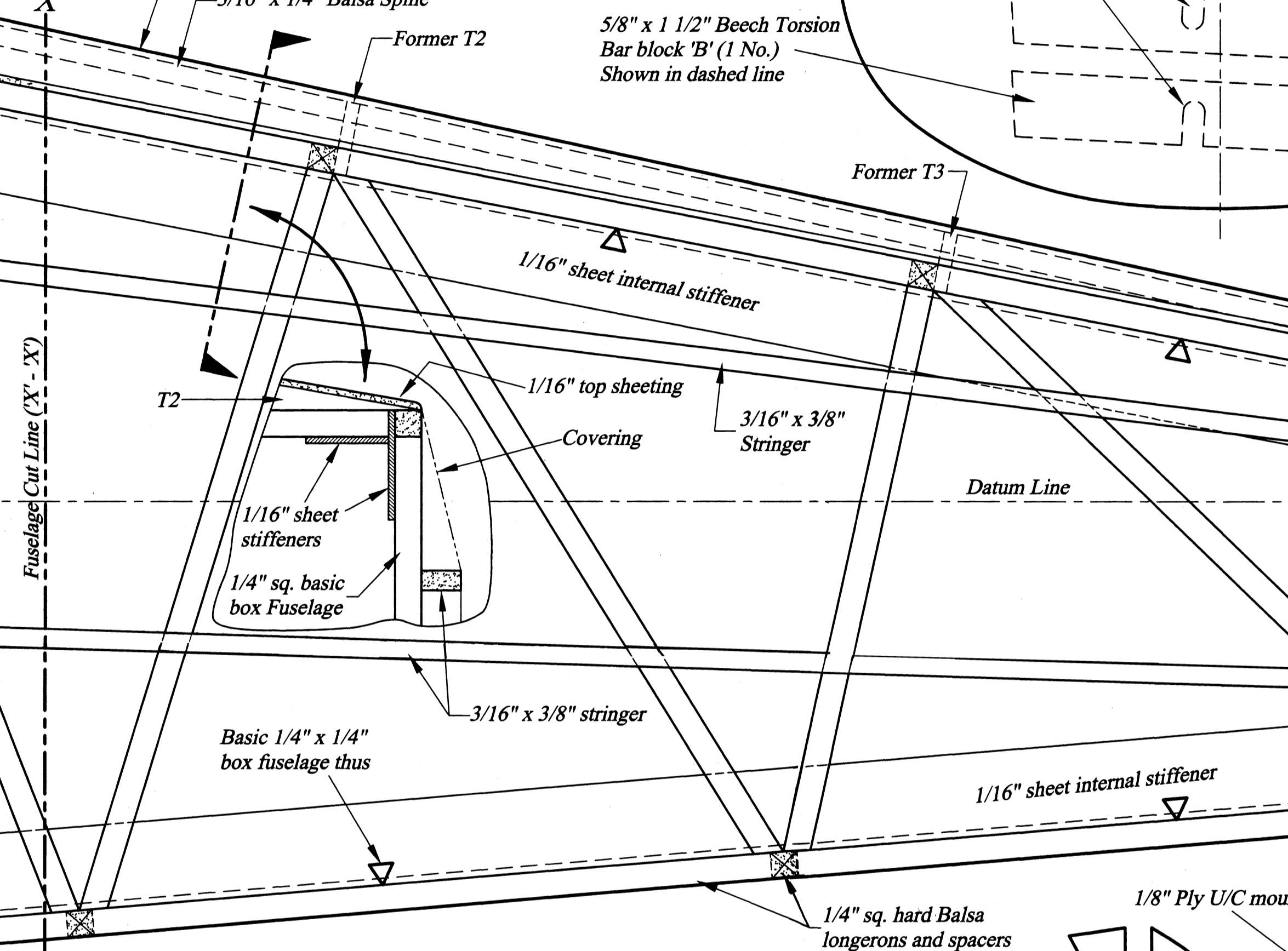
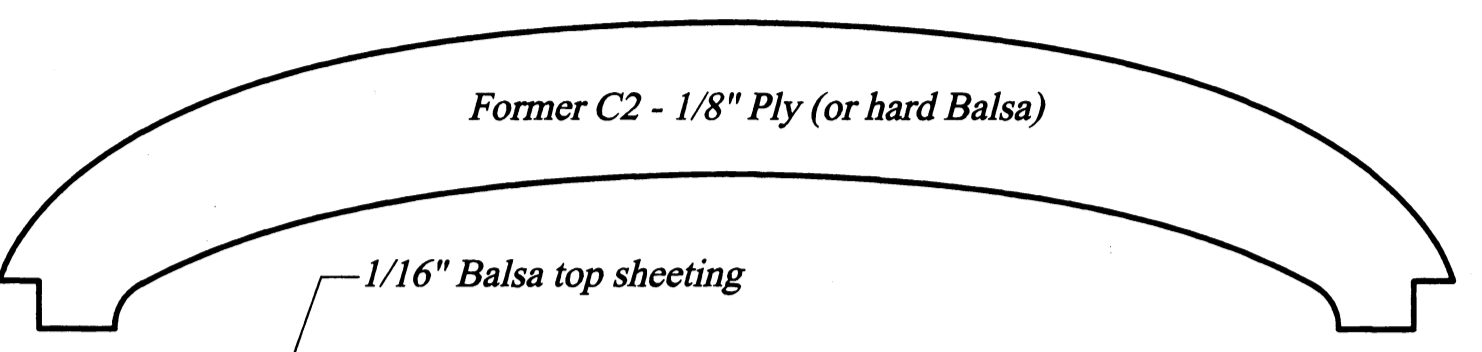
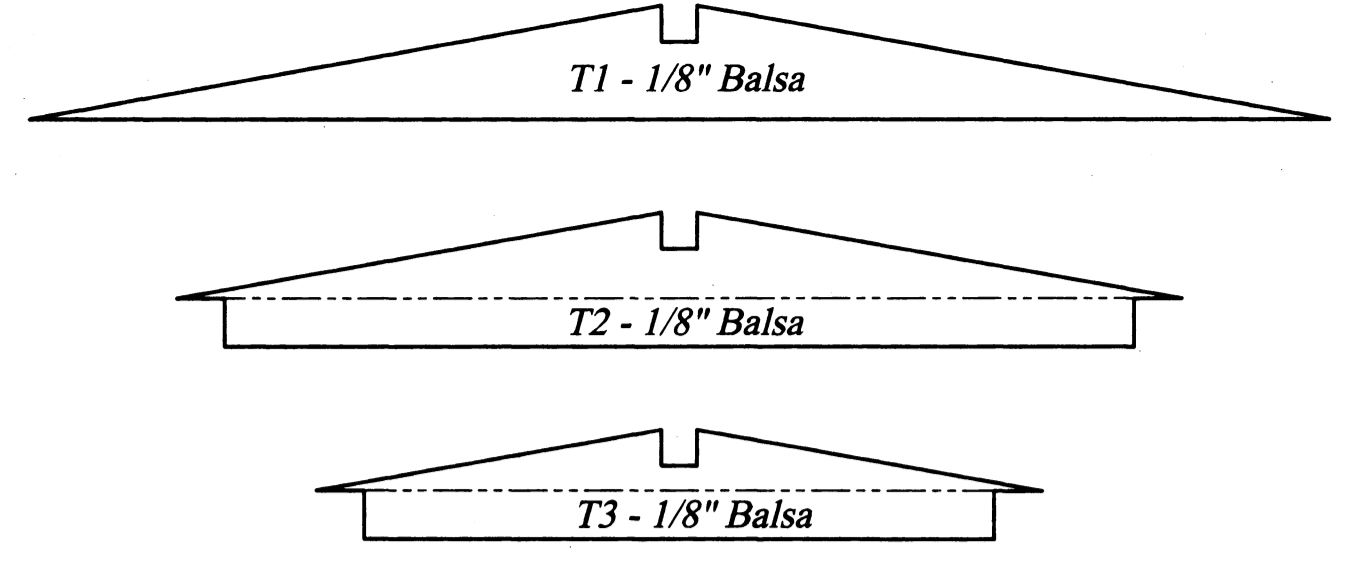
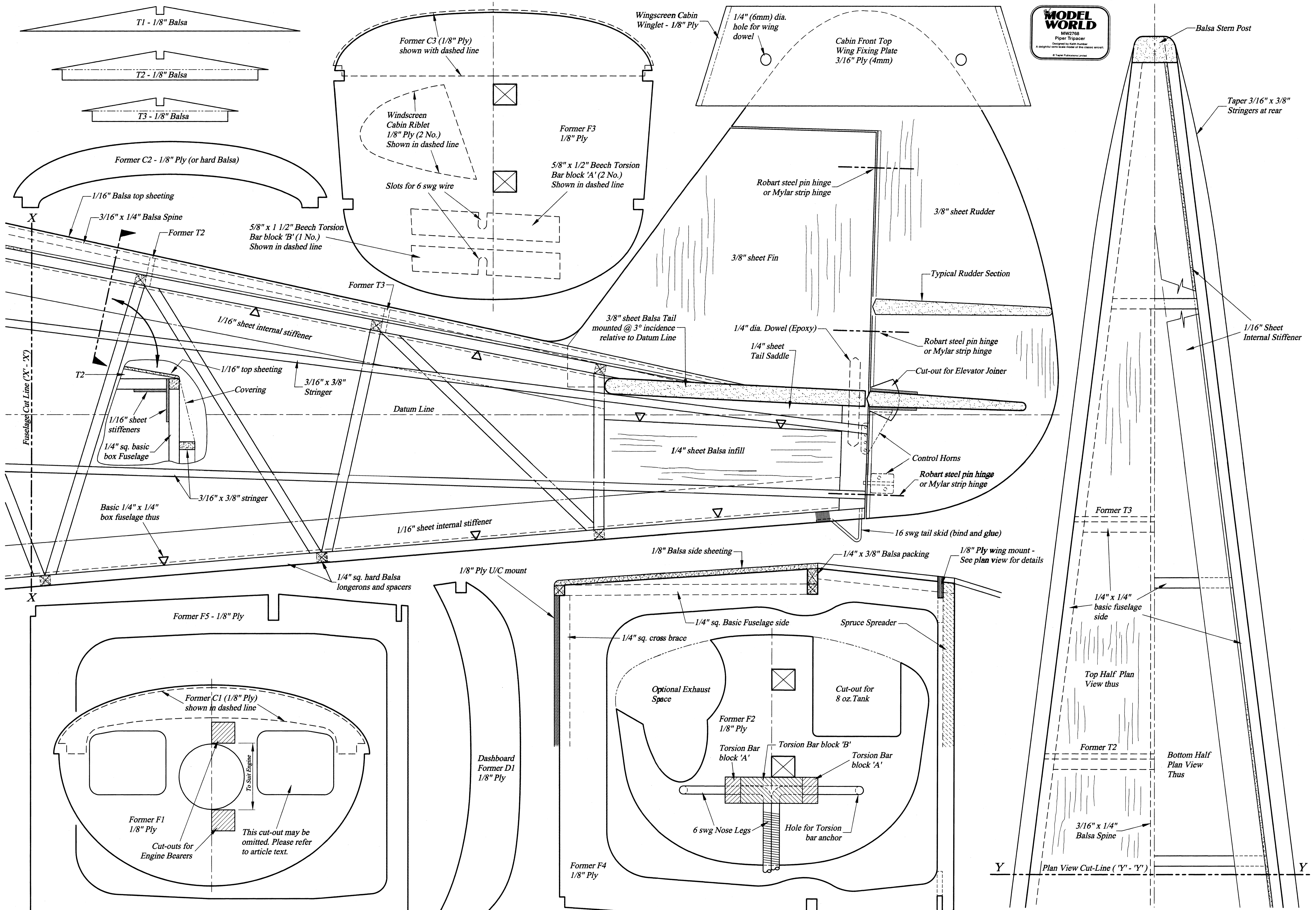
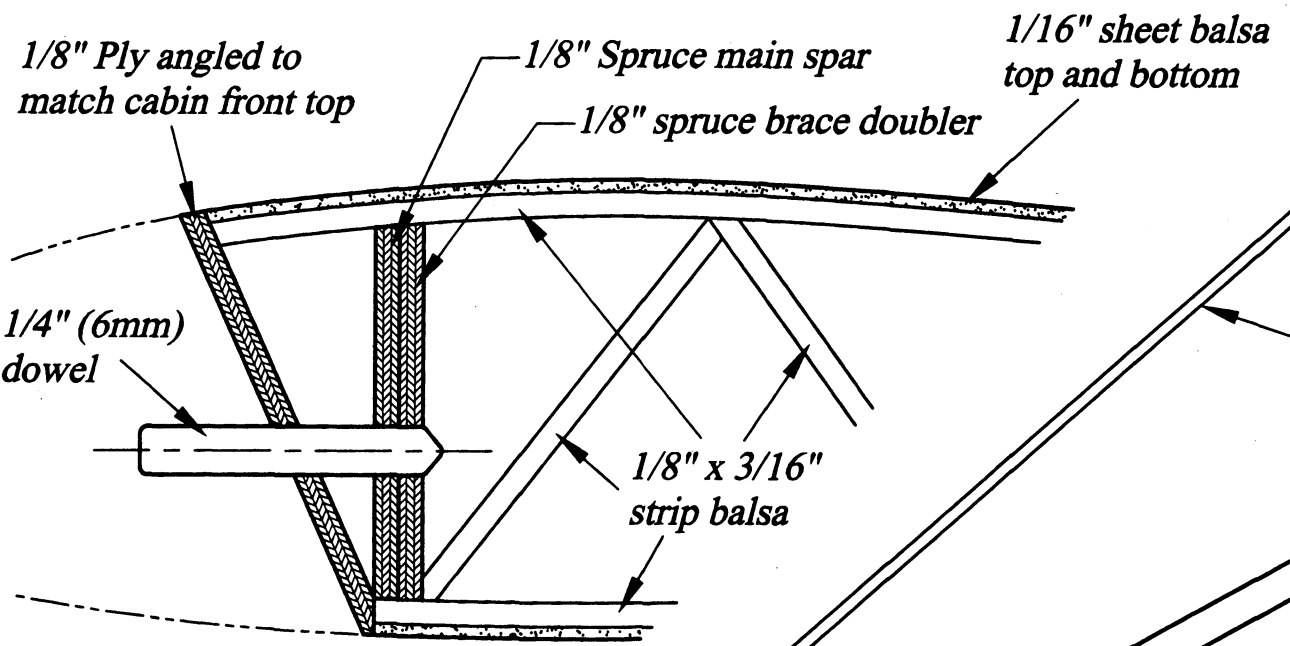
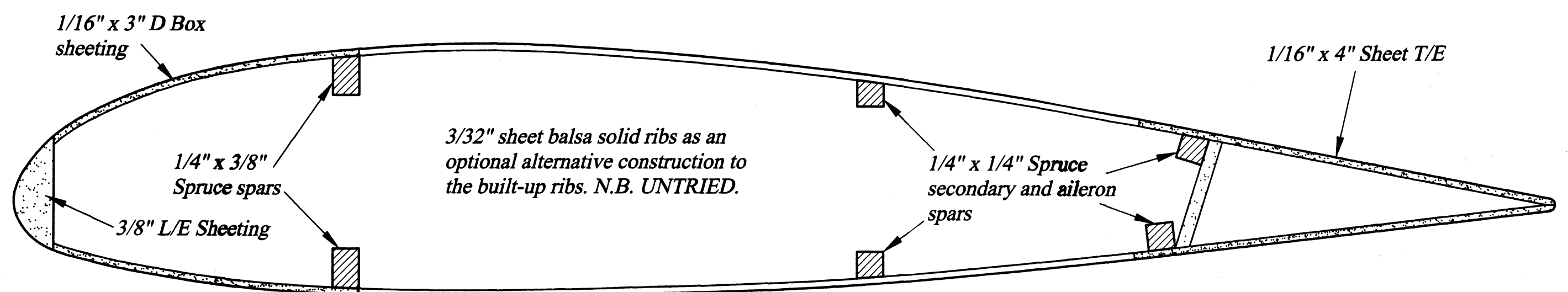


CONTROL THROWS

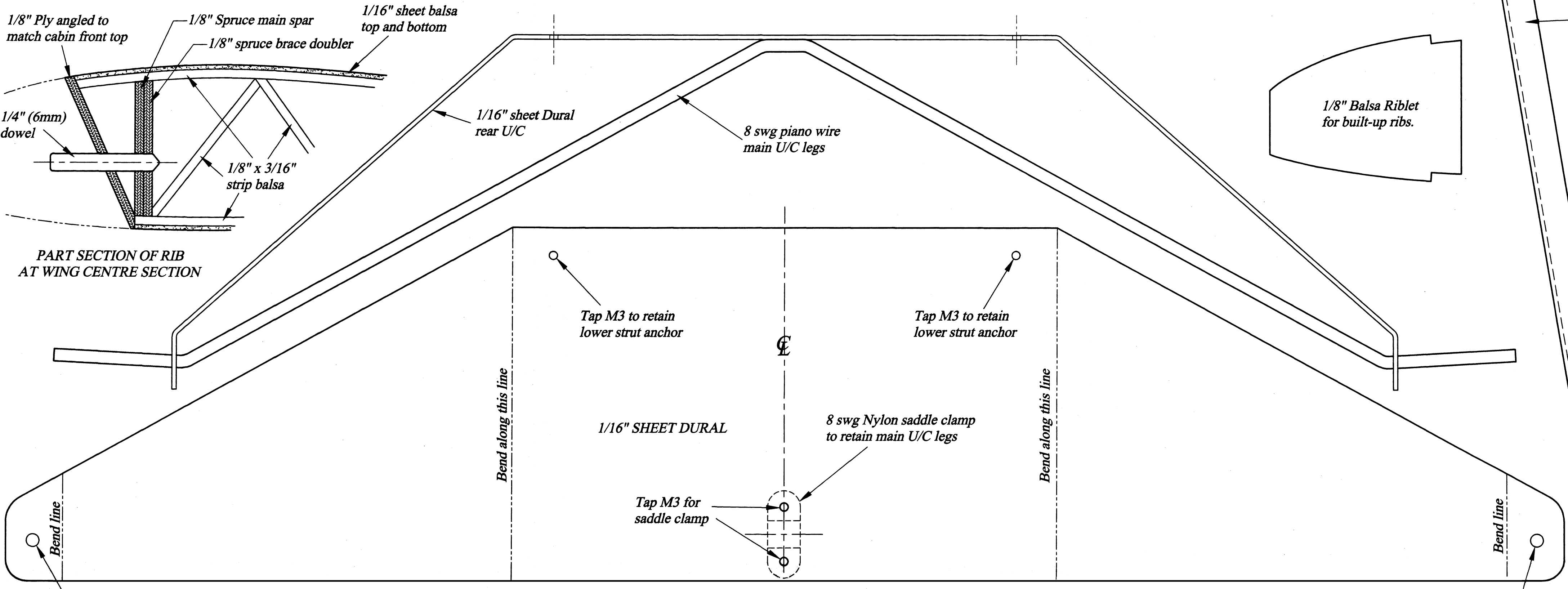
Aileron: 3/4" up and 5/8" down
Elevator: 3/4" up and 3/4" down
Rudder: 1 1/2" both ways
CAR used on Prototype





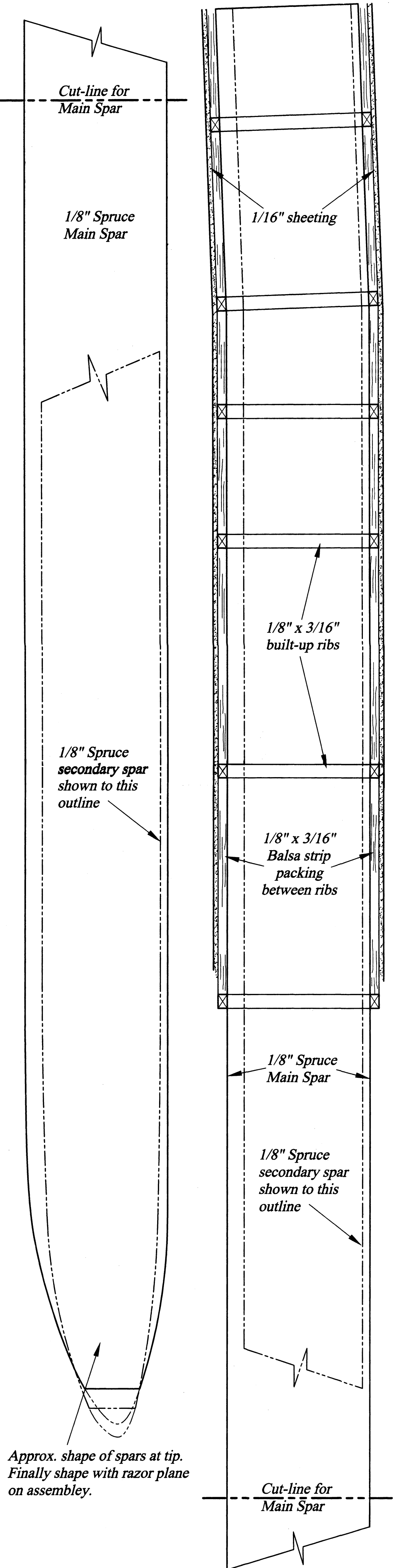
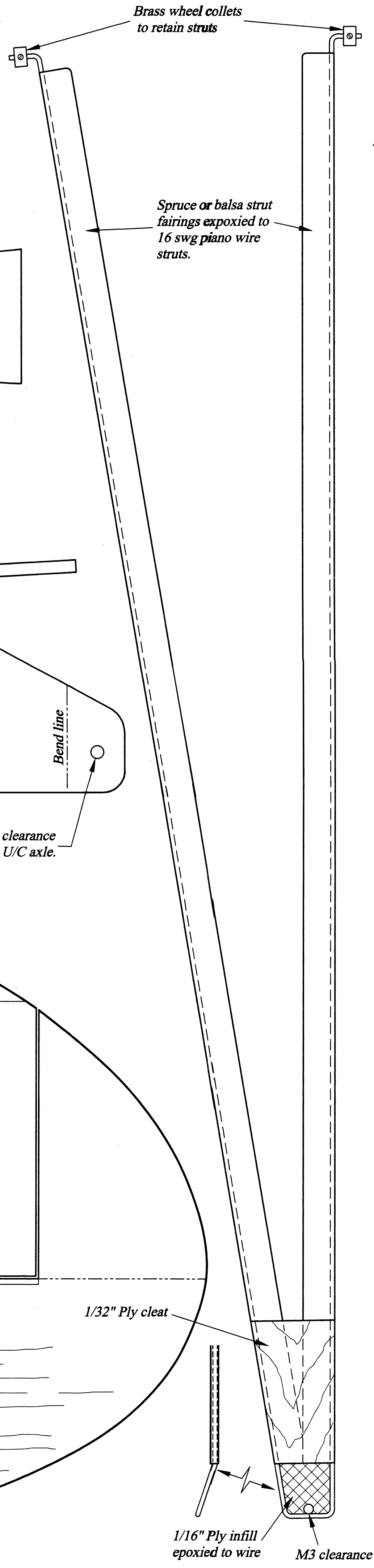
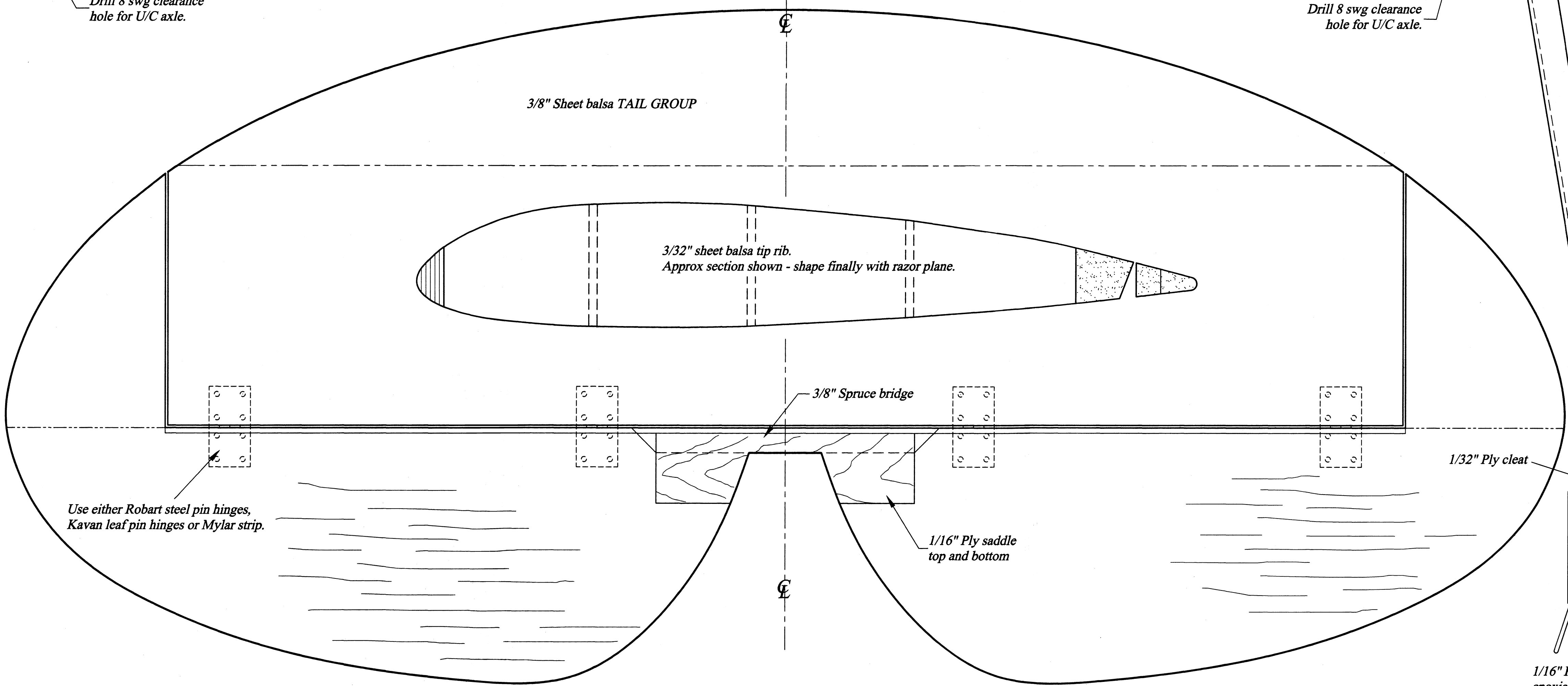


PART SECTION OF RIB AT WING CENTRE SECTION

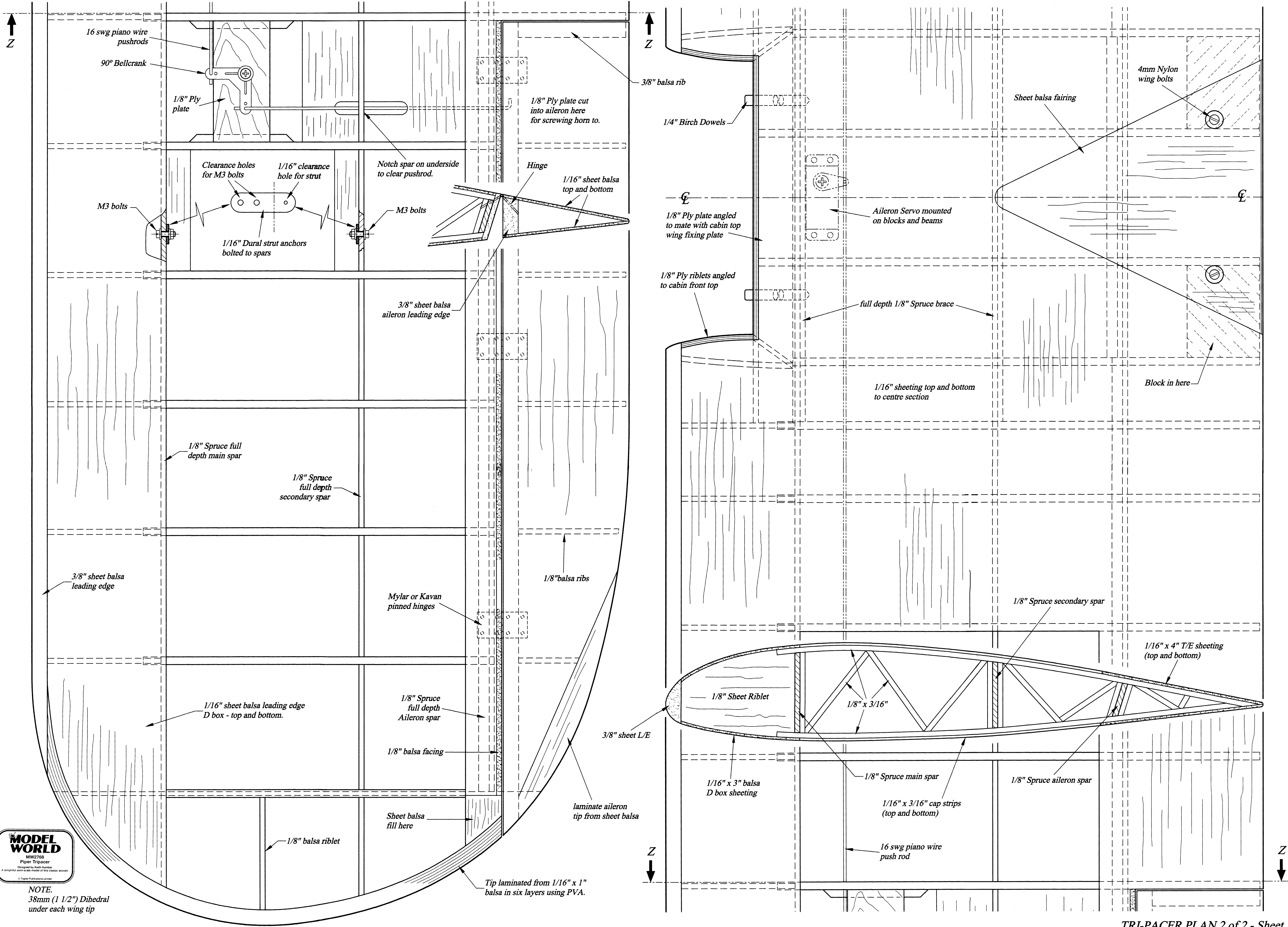


Drill 8 swg clearance hole for U/C axle.

Drill 8 swg clearance hole for U/C axle.



1/16" Ply infill epoxied to wire
 M3 clearance hole



16 swg piano wire pushrods

90° Bellcrank

1/8" Ply plate

1/8" Ply plate cut into aileron here for screwing horn to.

3/8" balsa rib

4mm Nylon wing bolts

Sheet balsa fairing

Clearance holes for M3 bolts

1/16" clearance hole for strut

Notch spar on underside to clear pushrod.

Hinge

1/16" sheet balsa top and bottom

M3 bolts

1/16" Dural strut anchors bolted to spars

M3 bolts

1/4" Birch Dowels

1/8" Ply plate angled to mate with cabin top wing fixing plate

Aileron Servo mounted on blocks and beams

1/8" Ply riblets angled to cabin front top

full depth 1/8" Spruce brace

3/8" sheet balsa aileron leading edge

1/16" sheeting top and bottom to centre section

Block in here

1/8" Spruce full depth main spar

1/8" Spruce full depth secondary spar

3/8" sheet balsa leading edge

1/8" balsa ribs

Mylar or Kavan pinned hinges

1/8" Spruce secondary spar

1/16" sheet balsa leading edge D box - top and bottom.

1/8" Spruce full depth Aileron spar

1/16" x 4" T/E sheeting (top and bottom)

1/8" balsa facing

3/8" sheet L/E

laminated aileron tip from sheet balsa

1/16" x 3" balsa D box sheeting

1/8" Spruce main spar

1/8" Spruce aileron spar

Sheet balsa fill here

1/16" x 3/16" cap strips (top and bottom)

16 swg piano wire push rod

1/8" balsa riblet

Tip laminated from 1/16" x 1" balsa in six layers using PVA.



NOTE:
38mm (1 1/2") Dihedral under each wing tip