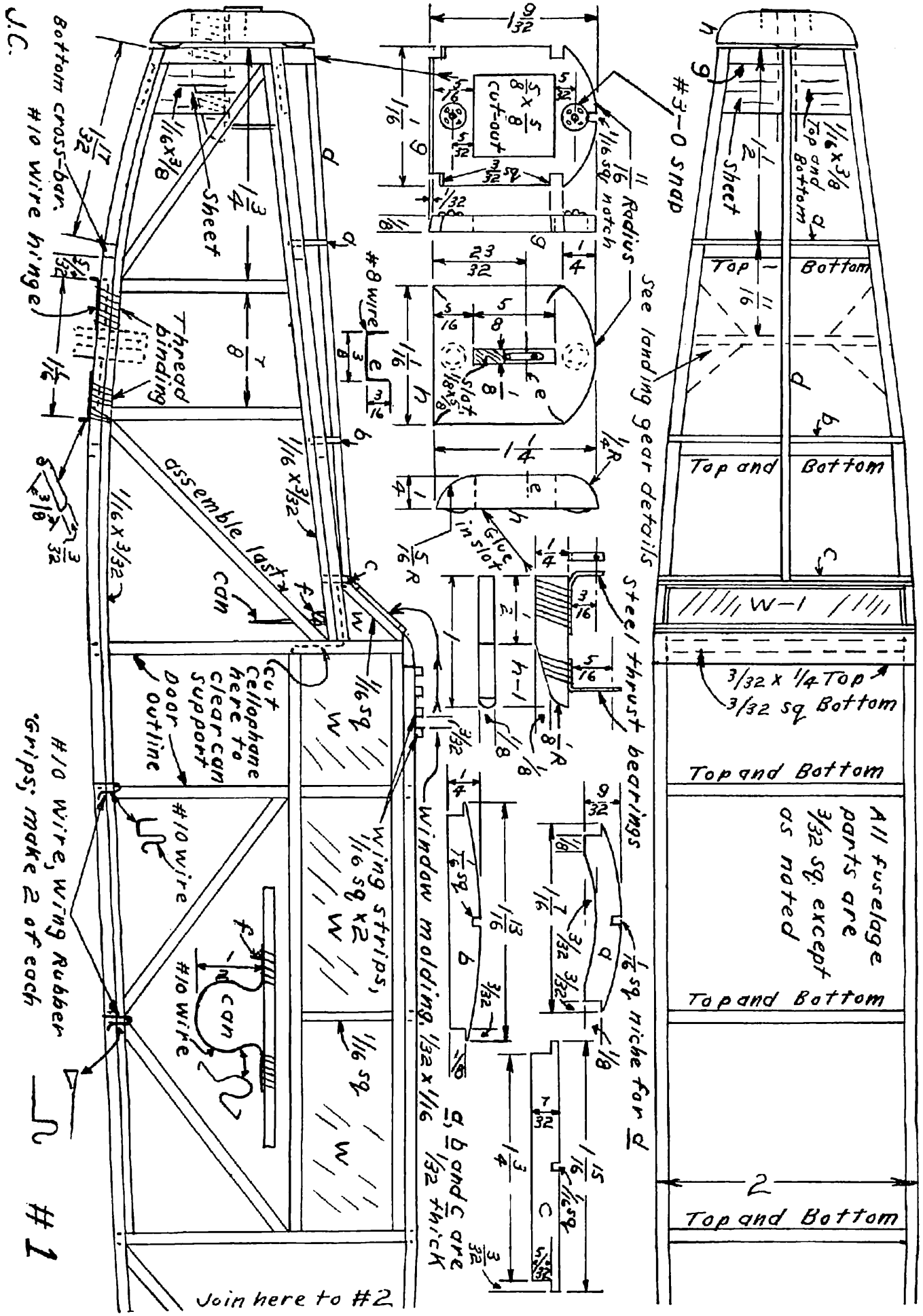
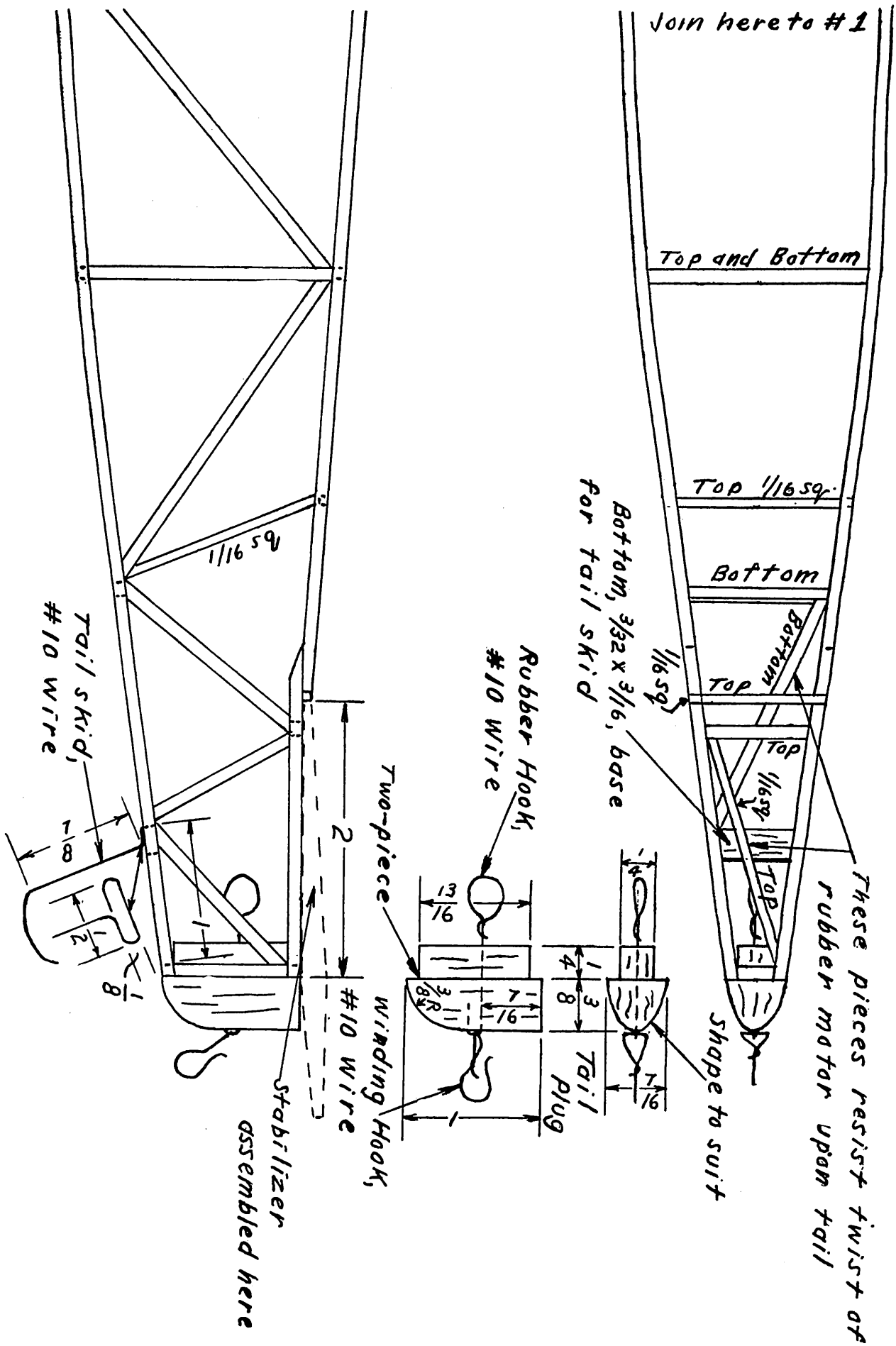
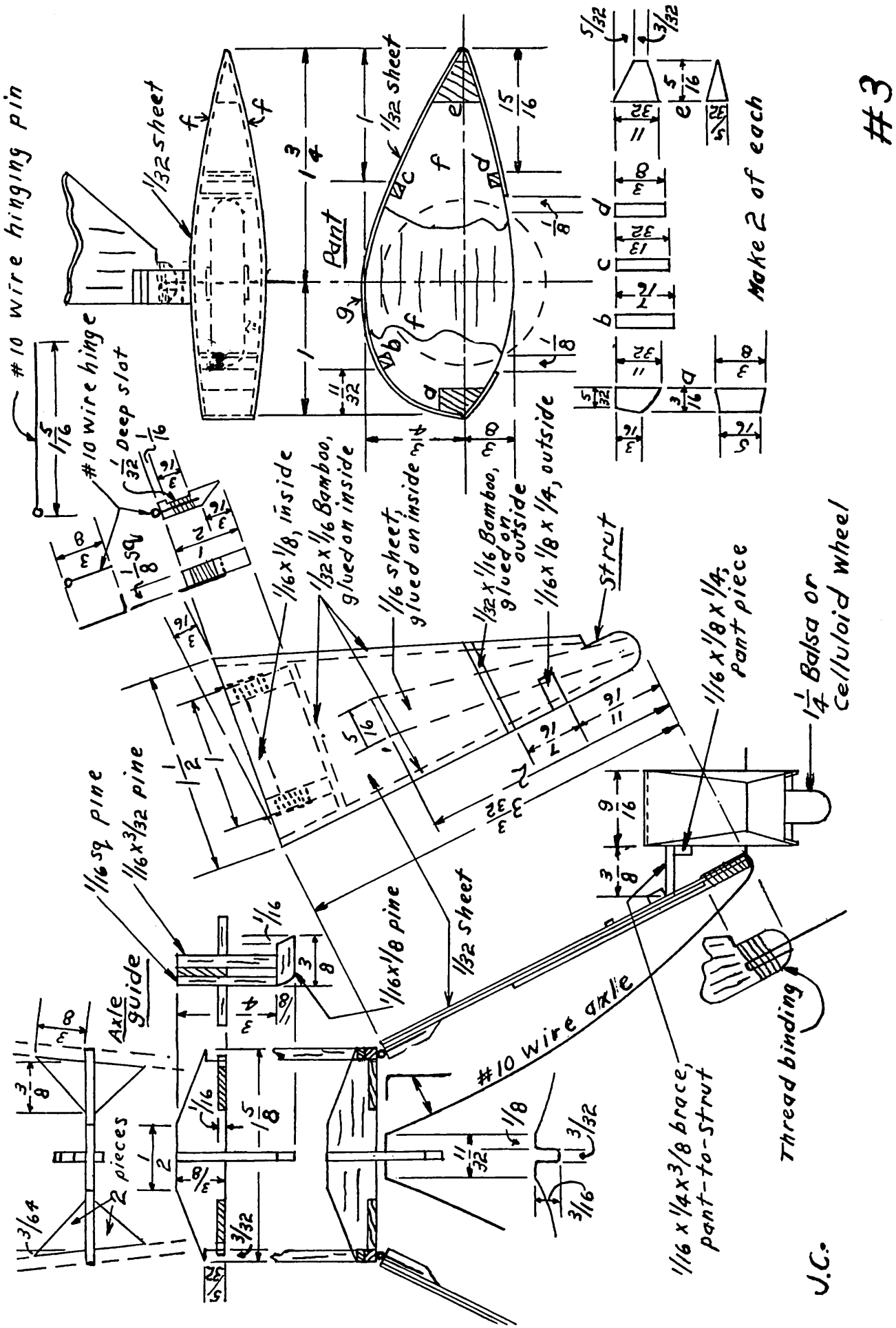
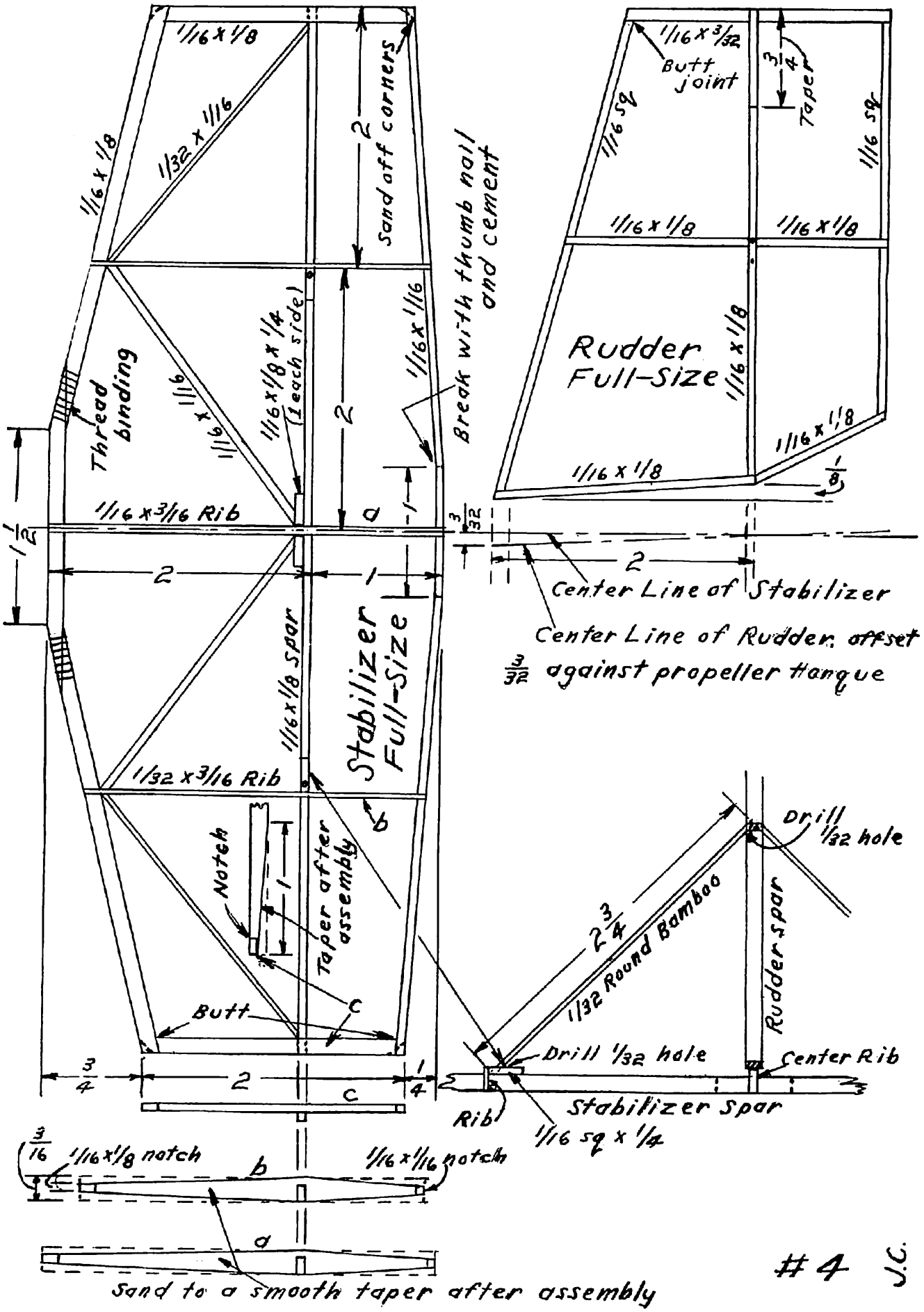

Bottom cross-bar
#10 wire hinge
J.C.
Sheet
Thread binding
assemble last
can
cut cellophane here to clear can support
door outline
#10 wire
#10 wire, wing rubber 'grips', make 2 of each
#1
Join here to #2
#8 wire
Wing strips, 1/16 sq x 2
window molding 1/32 x 1/16
a, b and c are 1/32 thick
1/16 sq
1/16 sq. notch
11/16 Radius
See landing gear details
Steel thrust bearings
1/16 sq. niche for a
#3-0 snap
Glue in slot
Top and Bottom
W-1
3/32 x 1/4 Top
3/32 sq Bottom
All fuselage parts are 3/32 sq. except as noted

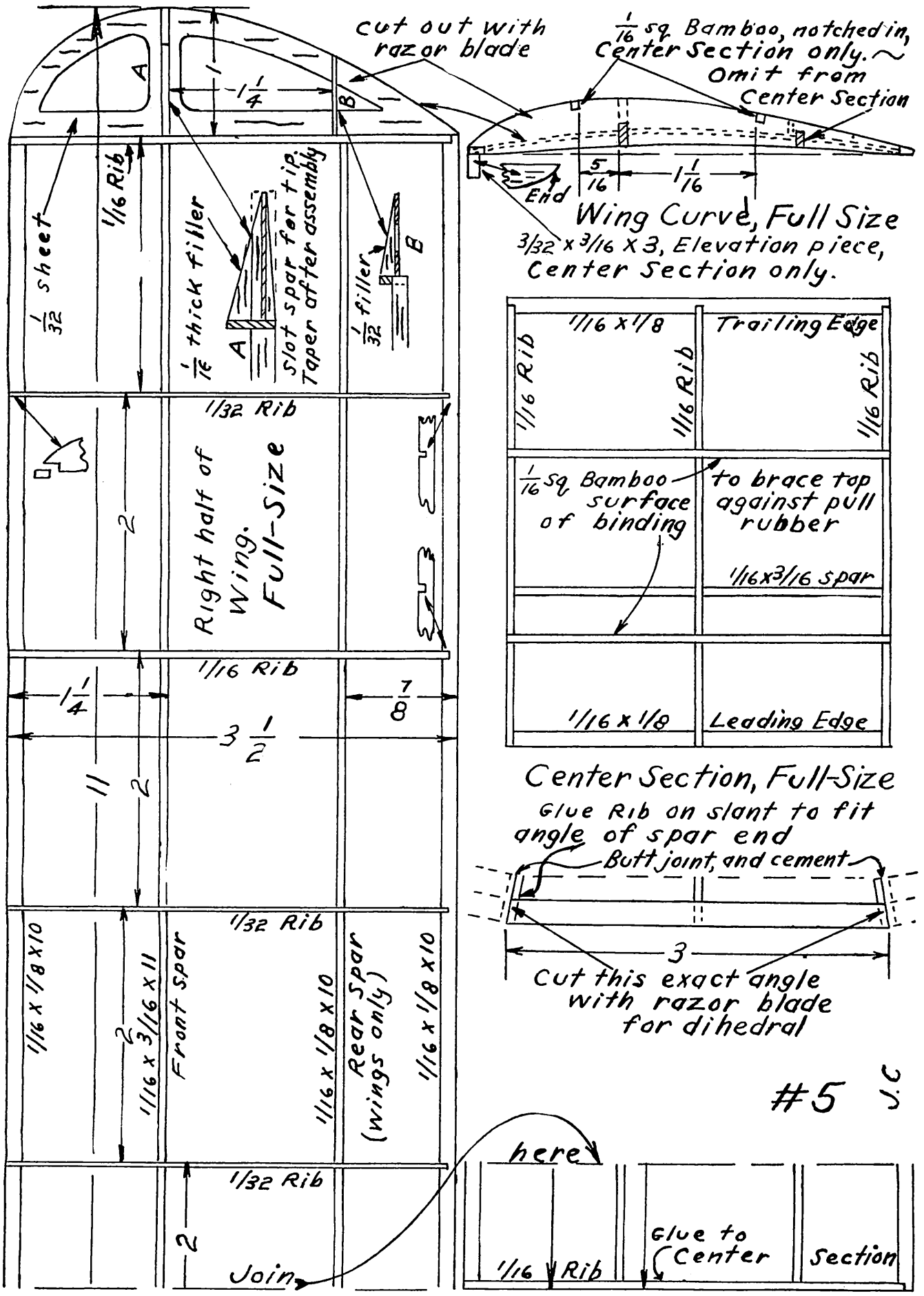

Join here to #1
Top and Bottom
Top 1/16 sq.
Bottom
Bottom
Top
1/16 sq
Top
1/16 sq
Top
These pieces resist twist of rubber motor upon tail
Shape to suit
Bottom, 3/32 x 3/16, base for tail skid
Rubber Hook, #10 Wire
Two-piece winding Hook, #10 Wire
Tail plug
1/16 sq
Tail skid, #10 wire
Stabilizer assembled here
#10 Wire
1/8
1/8
1/2
1/8
1
2
13/16
7/16
3/8 R
1/4
3/8
1/4
7/16
1

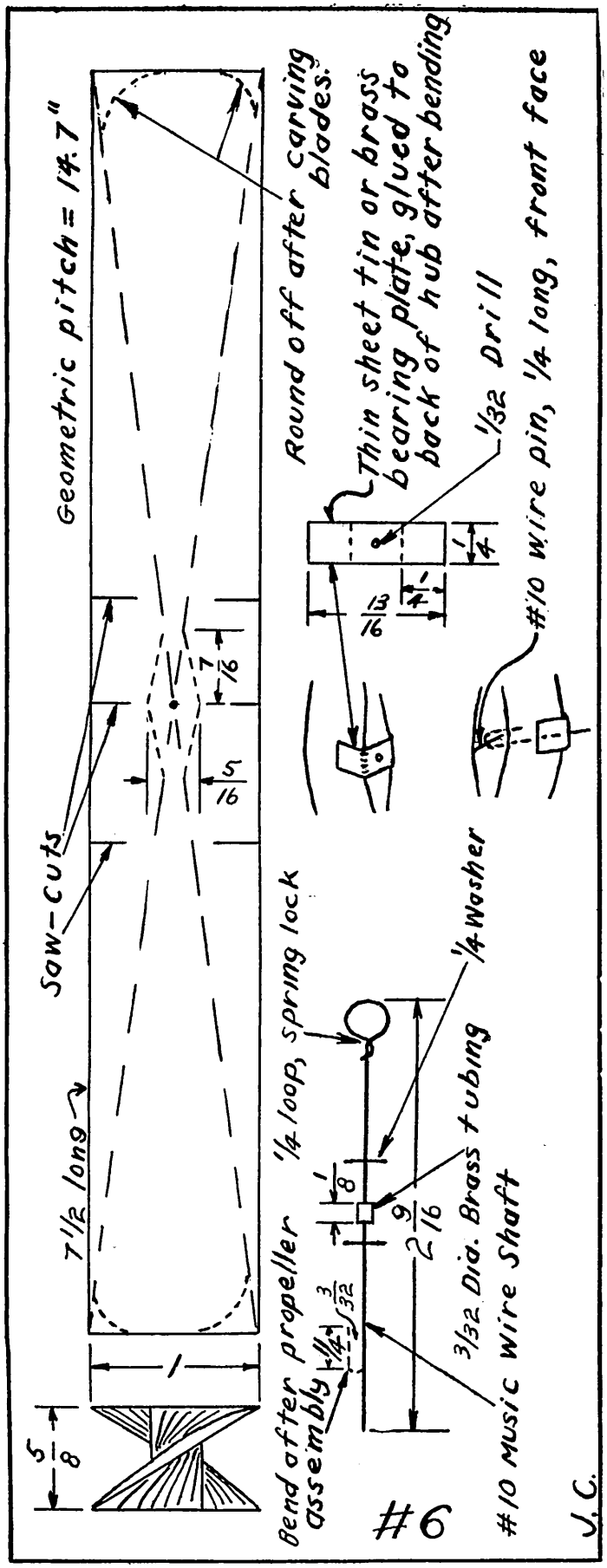
J.C.

#2


#3
#10 wire hinging pin
#10 wire hinge
1/32 sheet
Pant
1/32 sheet
Make 2 of each
1/8 deep slot
1/16 sq.
1/16 x 1/8, inside
1/32 x 1/16 Bamboo, glued on inside
1/16 sheet, glued on inside
1/32 x 1/16 Bamboo, glued on outside
1/16 x 1/8 x 1/4, outside
Strut
1/16 x 1/8 x 1/4, pant piece
1/4 Balsa or Celluloid wheel
1/16 sq. pine
1/16 x 3/32 pine
Axle guide
1/16 x 1/8 pine
1/32 sheet
#10 wire axle
2 pieces
1/16 x 1/4 x 3/8 brace, pant-to-strut
Thread binding
J.C.


1/16 x 1/8
1/32 x 1/16
1/16 x 1/8
Sand off corners
Break with thumb nail and cement
1/16 x 1/16
1/16 x 1/8 x 1/4 (1 each side)
1/16 x 1/16
Thread binding
1/16 x 3/16 Rib
1/16 x 1/8 Spar
Stabilizer Full-Size
1/32 x 3/16 Rib
Notch
Taper after assembly
Butt
1/16 x 3/32
Butt joint
Taper
1/16 sq
1/16 x 1/8
Rudder Full-Size
1/16 x 1/8
1/16 x 1/8
1/8
Center Line of Stabilizer
Center Line of Rudder offset 3/32 against propeller torque
Drill 1/32 hole
1/32 Round Bamboo
Rudder spar
Drill 1/32 hole
Center Rib
Stabilizer Spar
Rib
1/16 sq x 1/4
3/16
1/16 x 1/8 notch
1/16 x 1/16 notch
Sand to a smooth taper after assembly
#4 J.C.


cut out with razor blade
1/16 sq. Bamboo, notched in, Center Section only. ~ Omit from Center Section
A
B
1
1 1/4
1/16 Rib
1/32 sheet
1/16 thick filler
A
Slot spar for tip. Taper after assembly
1/32 filler
B
End
5/16
1 1/16
Wing Curve, Full Size
3/32 x 3/16 x 3, Elevation piece, Center Section only.
1/32 Rib
2
Right half of Wing. Full-Size
1/16 Rib
1 1/4
7/8
3 1/2
11
2
1/32 Rib
1/16 x 1/8 x 10
1/16 x 3/16 x 11
Front spar
1/16 x 1/8 x 10
Rear Spar (wings only)
1/16 x 1/8 x 10
1/32 Rib
2
Join
here
1/16 Rib
Glue to Center
Section
1/16 x 1/8
Trailing Edge
1/16 Rib
1/16 Rib
1/16 Rib
1/16 sq. Bamboo surface of binding
to brace top against pull rubber
1/16x3/16 spar
1/16 x 1/8
Leading Edge
Center Section, Full-Size
Glue Rib on slant to fit angle of spar end
Butt joint, and cement
3
Cut this exact angle with razor blade for dihedral
#5 J.C


Geometric pitch = 14.7"
Round off after carving blades.
Thin sheet tin or brass bearing plate, glued to back of hub after bending
1/32 Drill
#10 wire pin, 1/4 long, front face
Saw-cuts
7 1/2 long
1/4 loop, spring lock
1/4 Washer
3/32 Dia. Brass tubing
#10 Music Wire Shaft
Bend after propeller assembly
#6
J.C.