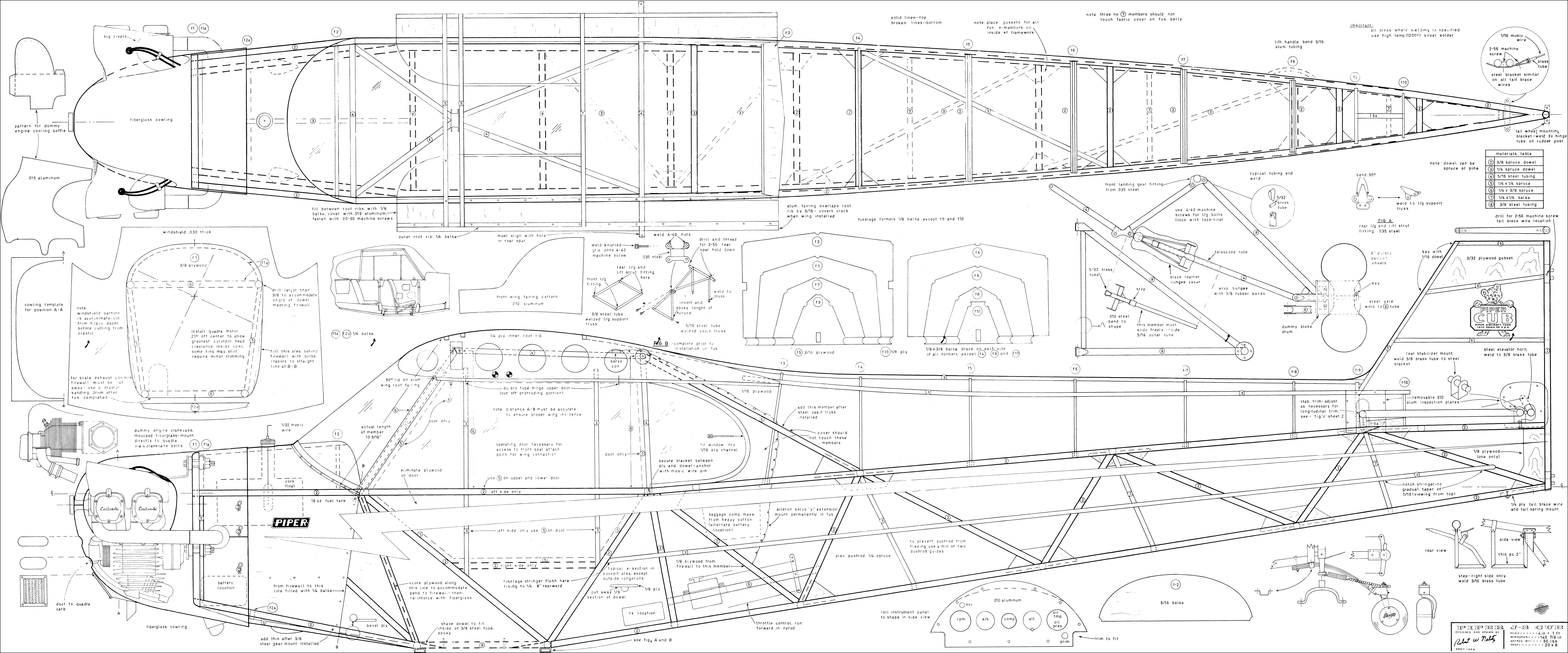




materials table

1	3/8 spruce dowel
2	1/4 spruce dowel
3	5/16 steel tubing
4	1/4 x 1/4 spruce
5	1/4 x 3/8 spruce
6	1/4 x 1/4 balsa
7	3/8 steel tubing

note: dowel can be spruce or pine

drill for 2-56 machine screw tail brace wire location

FIG A rear 1/2 inch lift strut fitting .035 steel

typical tubing end weld

bend 90°

weld to 1/2 inch support truss

use 4-40 machine screws for 1/2 inch bolts (lock with lock-tite)

telescope tube

black leather bungee cover

wrap bungee with 3/8 rubber bands

key with 1/16 dowel

3/32 plywood gusset

key

steel axle weld to 3/8 tube

rear stabilizer mount, weld 3/8 brass tube to steel bracket

removable .010 alum inspection plates

stab trim-adjust as necessary for longitudinal trim see - fig 'c' sheet 2

1/8 plywood (one only)

notch stringer-to gradual taper of 1/16 (viewing from top)

1/4 ply tail brace wire and tail spring mount

step-right side only, weld 3/16 brass tube

side view

rear view

trim to fit

roll instrument panel to shape in side view

throttle control, run forward in hydrol

1/8 plywood from firewall to this member

cut away 1/8 section of dowel

shave dowel to fit inside of 3/8 steel tube, epoxy

add this after 3/8 steel gear mount installed

from firewall to this line filled with 1/4 balsa

score plywood along this line to accommodate bend to firewall, then re-inforce with fiberglass

eliminate plywood on door

90° lip on alum wing root fairing

1/4 ply inner root rib

1/8 x 3/8 balsa brace on each side of all formers except 14, 19 and 110

110 1/8 ply

14 3/16 plywood

13 3/16 plywood

19 3/16 plywood

110 1/8 ply

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