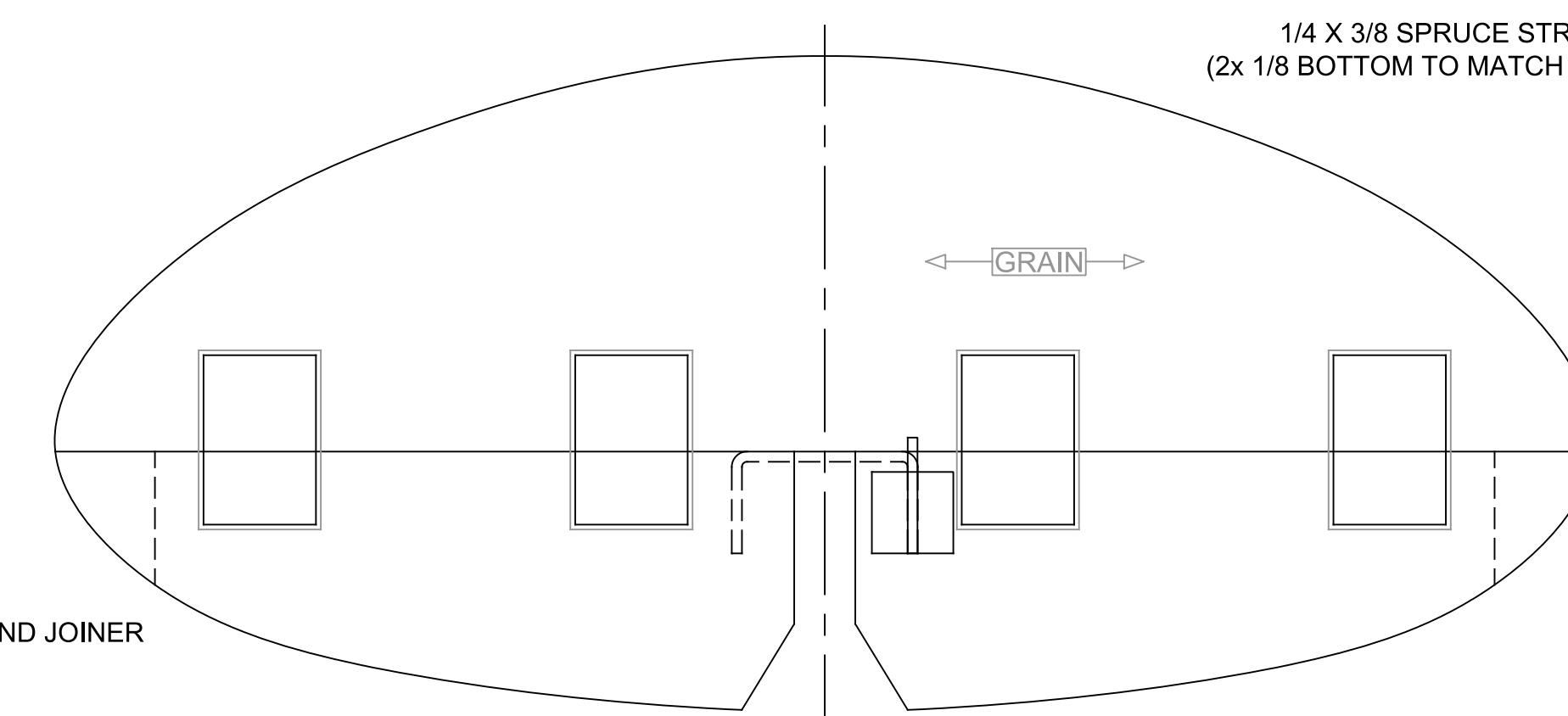
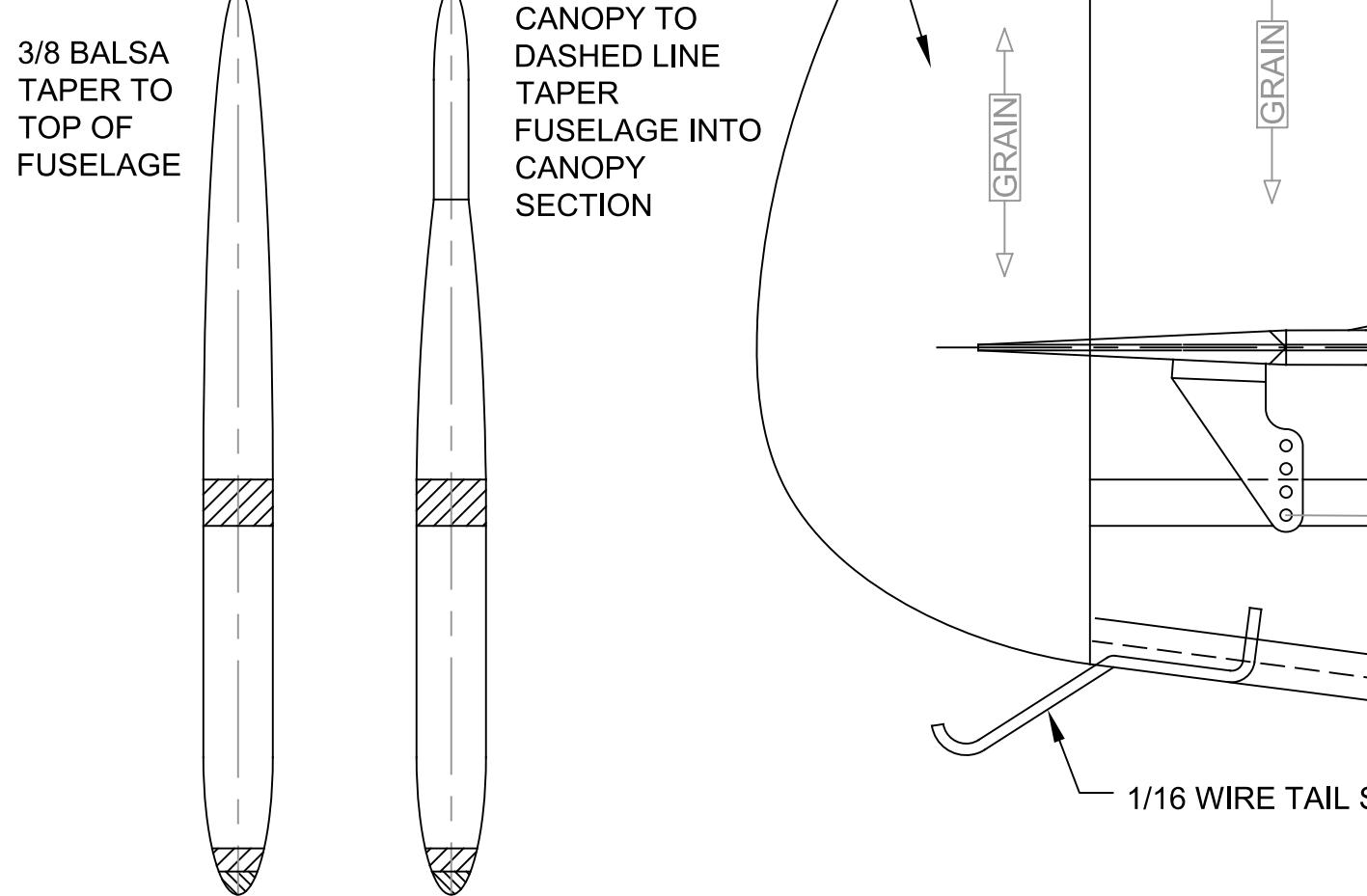
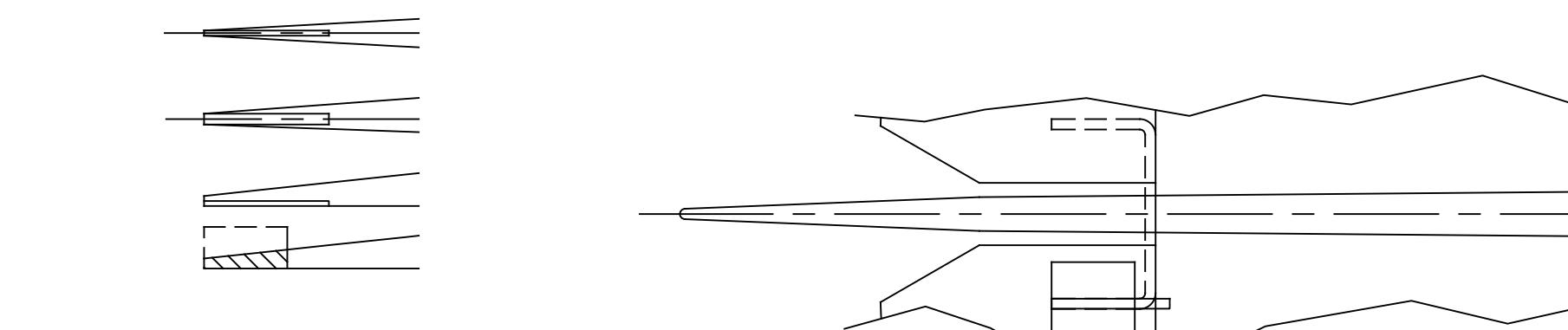


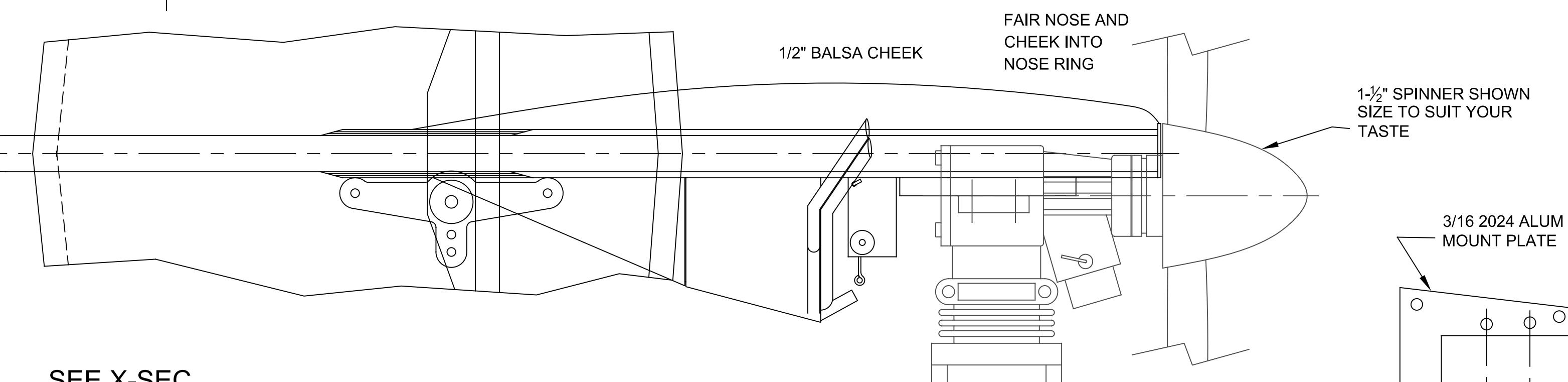
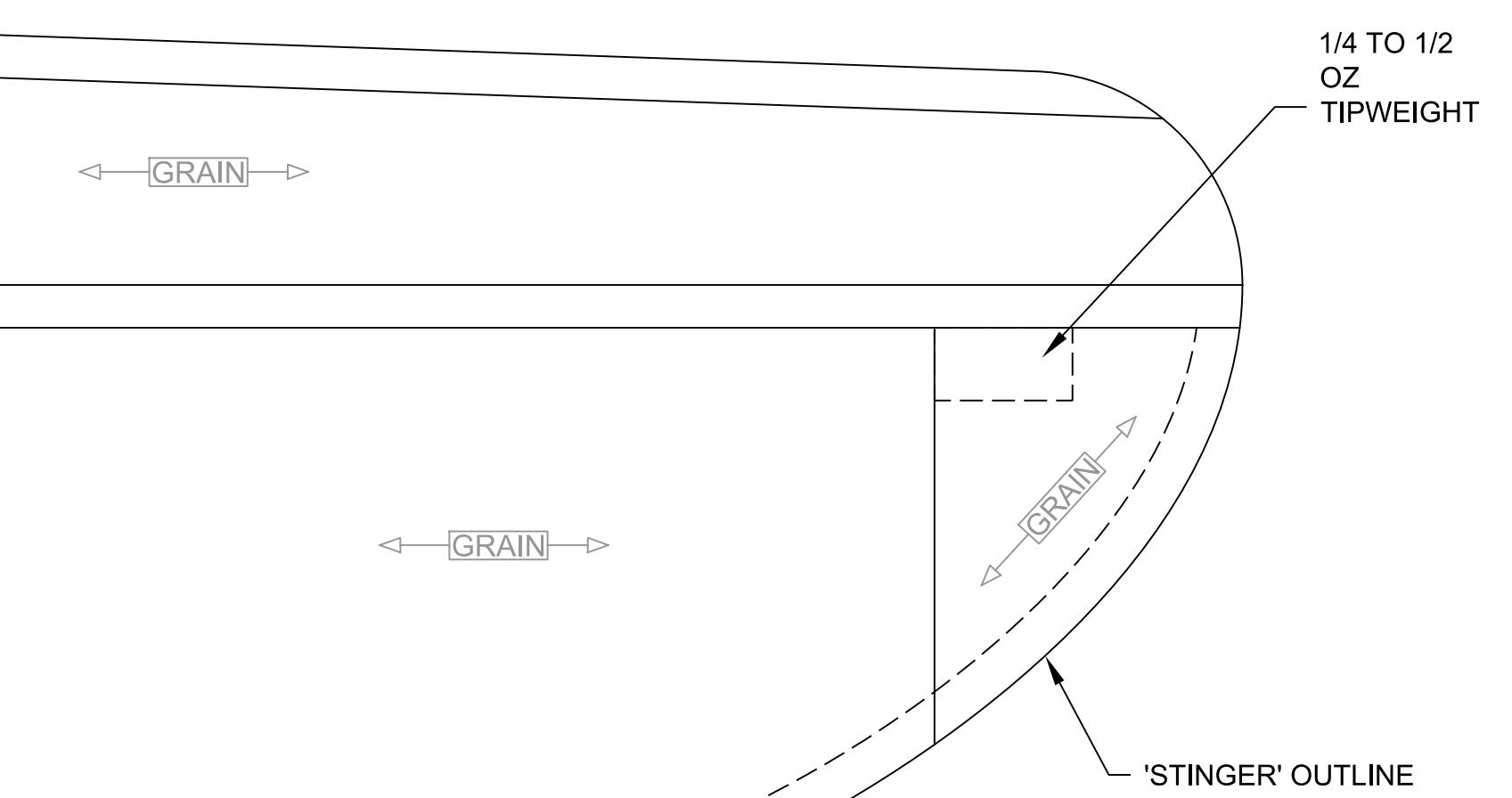
DUBRO / GOLDBERG TIP SKID
MODIFIED FOR LEADOUT GUIDE
USE LINE RAKE CALCULATOR
ON NCLRA WEBSITE TO PLACE GUIDE

TRAILING EDGE OPTIONS:
CARVE GROOVE WITH RAZOR SAW.
INLAY $\frac{1}{64}$ OR $\frac{1}{32}$ PLY X $\frac{3}{8}$ " WIDE STRIP.
ON FLAT BOTTOM AIRFOIL, SAND RECESS
INTO TRAILING EDGE BOTTOM, LAMINATE
PLY TRAILING EDGE.
SAND TO THE PLYWOOD FOR SHARP
EDGE. $1/8$ x $1/4$ SPRUCE SANDED TO
SHAPE IS ALSO COMMONLY USED.
STRIP CAN BE MADE FROM 3 PLYS OF 5oz
GLASS OR CARBON CLOTH, LAYED UP ON
FLAT SURFACE. (VACUUM BAGGED
PREFERABLE.)

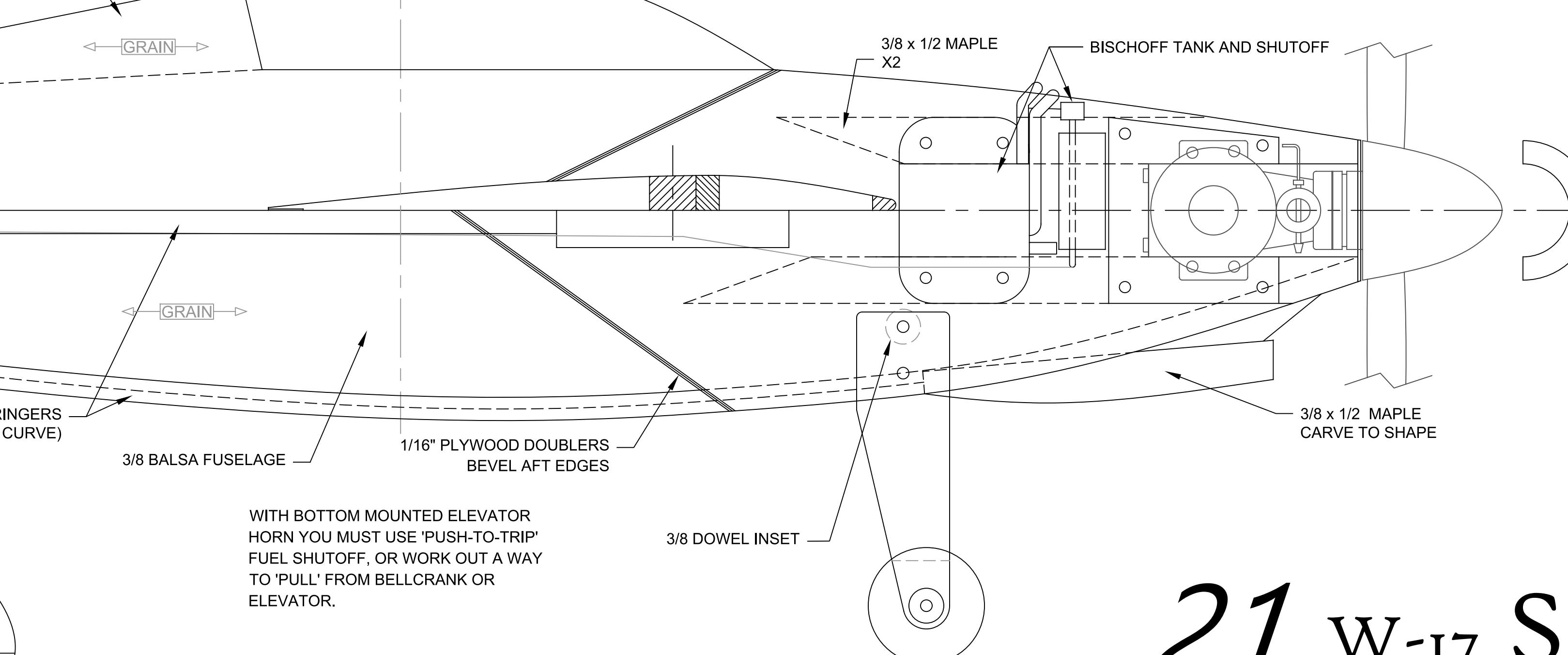


AIRFOIL OPTIONS:
MOST USE BASIC FLAT-BOTTOM
2/1 SEMI-SYMETRICAL AND
FULL SYMETRICAL ARE Viable OPTIONS

1/4 X 3/8 SPRUCE
L/E AND SPAR
3/8 Balsa Wing
C GRAIN LEADING EDGE
FOR STIFFNESS
3/8 X 1/2 MAPLE
BELLCRANK MOUNT



SEE X-SEC



WITH BOTTOM MOUNTED ELEVATOR
HORN YOU MUST USE 'PUSH-TO-TRIP'
FUEL SHUTOFF, OR WORK OUT A WAY
TO 'PULL' FROM BELLCRANK OR
ELEVATOR.

0 1 2 3 4 5 6

$\frac{1}{32}$ " PLY STAB CORE
CUT OUT FOR HINGES AND JOINER
FACE WITH $\frac{1}{32}$ Balsa
SAND TO AIRFOIL

Sport Scale Racer designed by Gerry van Dyk
© 2025 Gerry van Dyk
structure based on Mayer / Bischoff designs

visit: <https://nclra.org/Plans>
for other Sport Goodyear plans.

Bill Bischoff Racing Supplies, Fuel Tanks, Venturis
Landing Gear, Shutoffs contact: billbisch@hotmail.com

Fuselage = 23.58"
Wing Span = 27.60"
Stab Span = 9.85"
Wing Area = 146.6 in sq
Stab Area = 29.2 in sq

21 W-17 Stinger

Al Williams'