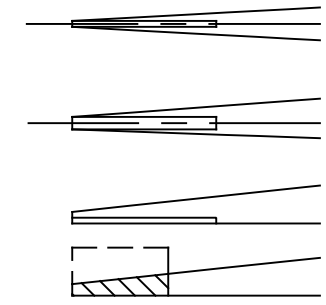


DUBRO / GOLDBERG TIP SKID
MODIFIED FOR LEADOUT GUIDE
USE LINE RAKE CALCULATOR
ON NCLRA WEBSITE TO PLACE GUIDE

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. $\frac{1}{8}$ x $\frac{1}{4}$ 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.)



$\frac{3}{8}$ Balsa
TAPER TO
TOP OF
FUSELAGE

$\frac{1}{32}$ " PLY STAB CORE
CUT OUT FOR HINGES AND JOINER
FACE WITH $\frac{3}{32}$ " Balsa
SAND TO AIRFOIL

$\frac{1}{4}$ X $\frac{3}{8}$ SPRUCE
L/E AND SPAR

$\frac{3}{8}$ Balsa WING
C GRAIN LEADING EDGE
FOR STIFFNESS

$\frac{3}{8}$ X $\frac{1}{2}$ MAPLE
BELLCRANK MOUNT

$\frac{1}{4}$ TO $\frac{1}{2}$
OZ
TIPWEIGHT

$\frac{3}{8}$ Balsa MAIN WING PANEL

AIRFOIL OPTIONS:
MOST USE BASIC FLAT-BOTTOM
 $\frac{2}{1}$ SEMI-SYMETRICAL AND
FULL SYMETRICAL ARE VIABLE OPTIONS

$\frac{1}{2}$ " Balsa CHEEK

FAIR NOSE AND
CHEEK INTO
NOSE RING

$\frac{3}{16}$ 2024 ALUM
MOUNT PLATE

$\frac{1}{8}$ BASS OR
 $\frac{1}{16}$ Balsa - $\frac{1}{32}$ PLY -
 $\frac{1}{16}$ Balsa SANDWICH
FIN + RUDDER

$\frac{3}{16}$ Balsa
CANOPY TO
DASHED LINE
TAPER
FUSELAGE INTO
CANOPY
SECTION

FIBREGLASS ALL SURFACES
PRIOR TO FINAL ASSEMBLY

$\frac{3}{16}$ OR $\frac{3}{8}$ Balsa
CANOPY AND TURTLEDECK
SEE X-SECTIONS

$\frac{3}{8}$ x $\frac{1}{2}$ MAPLE
X2

BISCHOFF TANK AND SHUTOFF

1- $\frac{1}{2}$ SPINNER SHOWN
USE SPINNER OR SPINNER NUT
OF YOUR CHOICE AND FAIR NOSE
INTO IT

1- $\frac{1}{2}$ " NOSE RING
 $\frac{1}{32}$ PLY TO MATCH
SPINNER

$\frac{1}{16}$ WIRE TAIL SKID

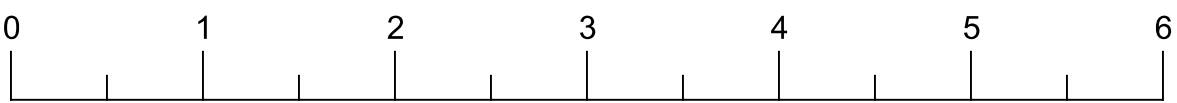
$\frac{1}{4}$ X $\frac{3}{8}$ SPRUCE STRINGERS

$\frac{3}{8}$ Balsa FUSELAGE

$\frac{1}{16}$ " PLYWOOD DOUBLERS
BEVEL AFT EDGES

HARDWOOD OR DOWEL
INSERTS FOR LG HOLES

$\frac{3}{8}$ x $\frac{1}{2}$ MAPLE
CARVE TO SHAPE



George Owl OR-71 Alley Cat 2005

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

Sport Scale Racer designed by Gerry van Dyk
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Bill Bischoff Racing Supplies. Fuel Tanks, Venturis
Landing Gear, Shutoffs contact: billbisch@hotmail.com

Fuselage = 21.5"
Wing Span = 30.5"
Stab Span = 10.0"
Wing Area = 140 in sq
Stab Area = 25.6 in sq