

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

1/4 X 1/2 SPRUCE
L/E AND SPAR

3/8 Balsa WING
C GRAIN LEADING EDGE
A GRAIN AFT OF SPAR

3/8 X 1/2 MAPLE
BELLCRANK MOUNT

1/2 OZ
TIPWEIGHT

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.)

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

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

1/4 SPRUCE INSET

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

3/16 Balsa OR BASS
FIN + RUDDER

FIBREGLASS ALL SURFACES
PRIOR TO FINAL ASSEMBLY

3/16 Balsa
CANOPY AND TURTLEDECK

1/16 WIRE TAIL SKID

1/4 X 3/8 SPRUCE STRINGER

3/8 Balsa FUSELAGE

1/16" PLYWOOD DOUBLERS
BEVEL AFT EDGES

3/8 DOWEL INSET

3/8 x 1/2 MAPLE
CARVE TO SHAPE

1/2" Balsa CHEEK

FAIR NOSE AND
CHEEK INTO
NOSE RING

3/16 2024 ALUM
MOUNT PLATE

1- $\frac{1}{2}$ " NOSE RING
USE SMALLER
SPINNER AND NOSE
RING TO SUIT YOUR
TASTE

NEWESTS

Sport Scale Racer designed by Gerry van Dyk
© 2024 Gerry van Dyk
structure based on Mayer / Bischoff designs

Fuselage = 23.87"
Wing Span = 30.00"
Stab Span = 9.40"
Wing Area = 137.40 in sq
Stab Area = 24.55 in sq

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

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

