

Curtiss O-52
 FLYING SCALE MODEL
 30" WINGSPAN — AREA 129 SQ."

HUB REINFORCEMENT.
 CUT FRONT FROM 1/16 PLYWOOD
 REAR FROM 1/8 HARD Balsa

LANDING GEAR DETAIL
 DUPLICATE OTHER HALF

STABILIZER RIBS

STABILIZER HALF
 MAKE TWO & CEMENT IN PLACE

RUDDER RIBS
 CUT BOTH STABILIZER AND RUDDER RIBS FROM 1/16 STIFF SHEET Balsa

COLOR SCHEME
 FUSELAGE-BLUE
 WING STABILIZER & RUDDER-YELLOW
 COWLING-SILVER

PROPELLER MEASUREMENTS

WING REST BULKHEAD
 1/16 SHEET Balsa

DIRECTION FINDER LOOP— CUT FROM SOFT Balsa

3/16 ROUND Balsa FAIRING

1/8 SHEET

1/8 SQ. SPAR

1/8 SQ. SPAR

TRAILING EDGE CUT FROM 1/8 SHEET Balsa

REAR TAIL POST
 NOTCH TO FIT STRINGERS

PAINT BLACK TO INDICATE WHEEL CAVITY

LINE UP STRINGER

LIGHT CELLULOID COVERED COCKPIT

RUBBER TUBING ON REAR HOOK

3/32 SHEET

CEMENT STABILIZER IN PLACE AFTER FUSELAGE IS COVERED

5/8 DIA. Balsa WHEEL-.035 WIRE

ANCHOR REAR HOOK POST SECURELY IN PLACE

1/4 x 1/8 LEADING EDGE

DO NOT COVER

REAR HOOK .035 WIRE

BOTTOM STRINGERS ARE OMITTED SO KEEL OUTLINE MAY BE SHOWN

3/16 SQ.

SOLID Balsa NOSE BUILT UP FROM 1/2 THICK SHEET

COVER WITH 1/16 SHEET

FUSELAGE KEEL CUT FROM 3/32 MEDIUM SHEET Balsa

TIP RIB

CUT TIP FROM 1/8 SHEET

RED

POSITION OF STRUT

MAIN WING SPAR IS 1/16 x 3/32 STIFF

REAR SPAR IS 3/8 x 3/32 STIFF

1/16 SHEET DIHEDRAL REINFORCEMENT

TRACE RIGHT WING PANEL

PROP CLEARANCE

1 DIA. HARD WOOD NOSE PLUG

PAINT BLACK

2 DIA. Balsa OR AIR WHEELS

1 1/8 DIHEDRAL ON EACH TIP

BEVEL ENDS TO FIT

1/8 x 3/8 TRAILING EDGE

BUILD UP NOSE AFTER ALL BULKHEADS ARE IN PLACE

LINE UP STRINGER

FUSELAGE KEEL

WING RIBS

KEEL

1/16 SHEET Balsa NOSE PLANKING

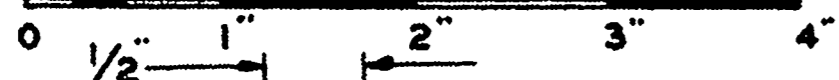
NOTCH BULKHEADS B & C ONLY

LINE UP STRINGER

POSITION OF DIRECTION FINDER LOOP

FUSELAGE CONSTRUCTION METHOD

BUILD FUSELAGE HALVE DIRECTLY ON PLANS-TRIM STRINGERS FROM B-B TO C-C TO MAKE 1/16 SHEET COVERING FLUSH WITH TISSUE



MAIN WING RIB-MAKE 12

TIP WING RIB-MAKE 2

HALF RIB-MAKE 12

FUSELAGE BULKHEADS
 CUT 2 OF EACH BULKHEAD HALVE FROM 1/16 STIFF SHEET Balsa-CEMENT HALVES ON KEEL AND BUILD UP OTHER FUSELAGE HALF

MB PLAN No. 1085-0.T.