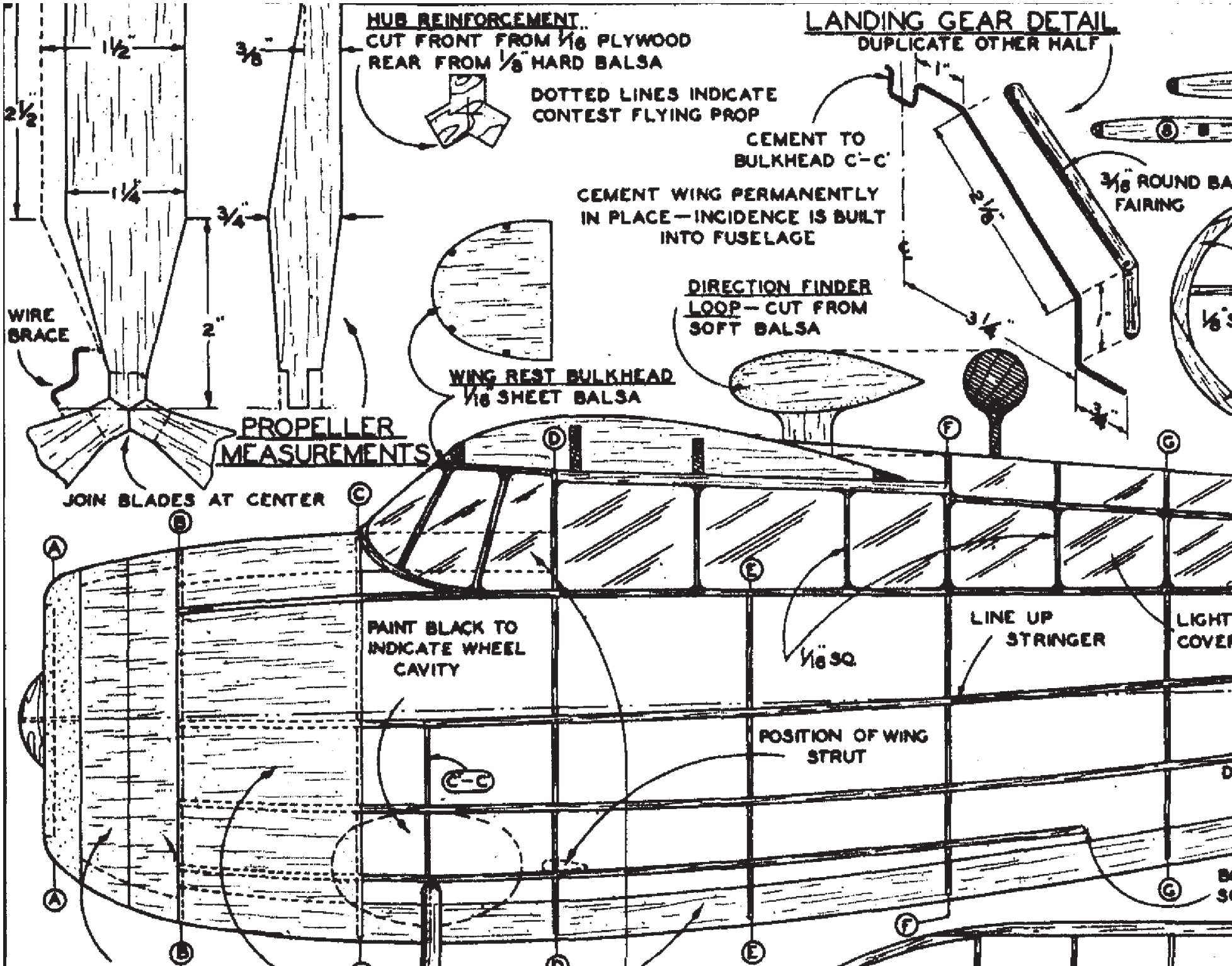
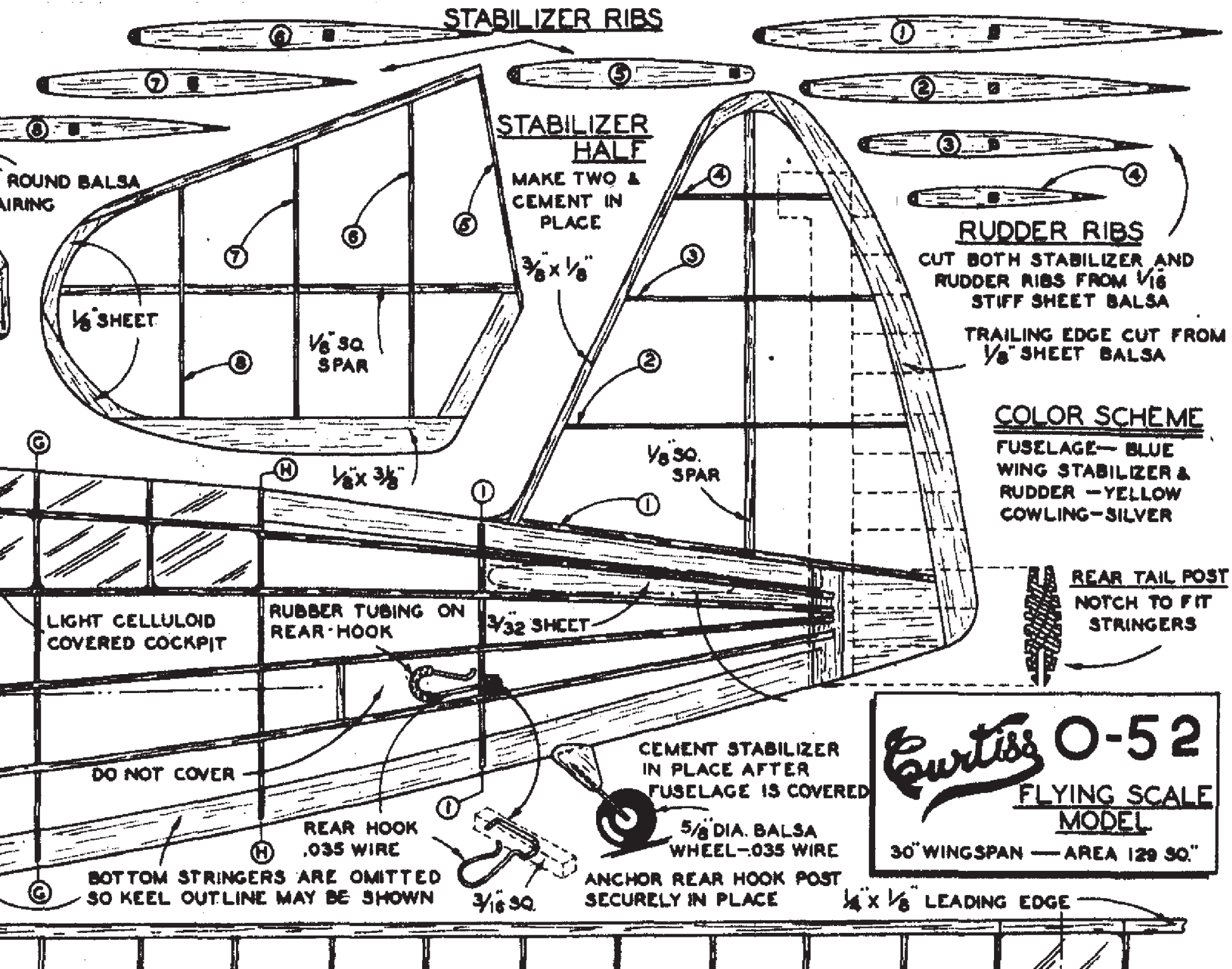
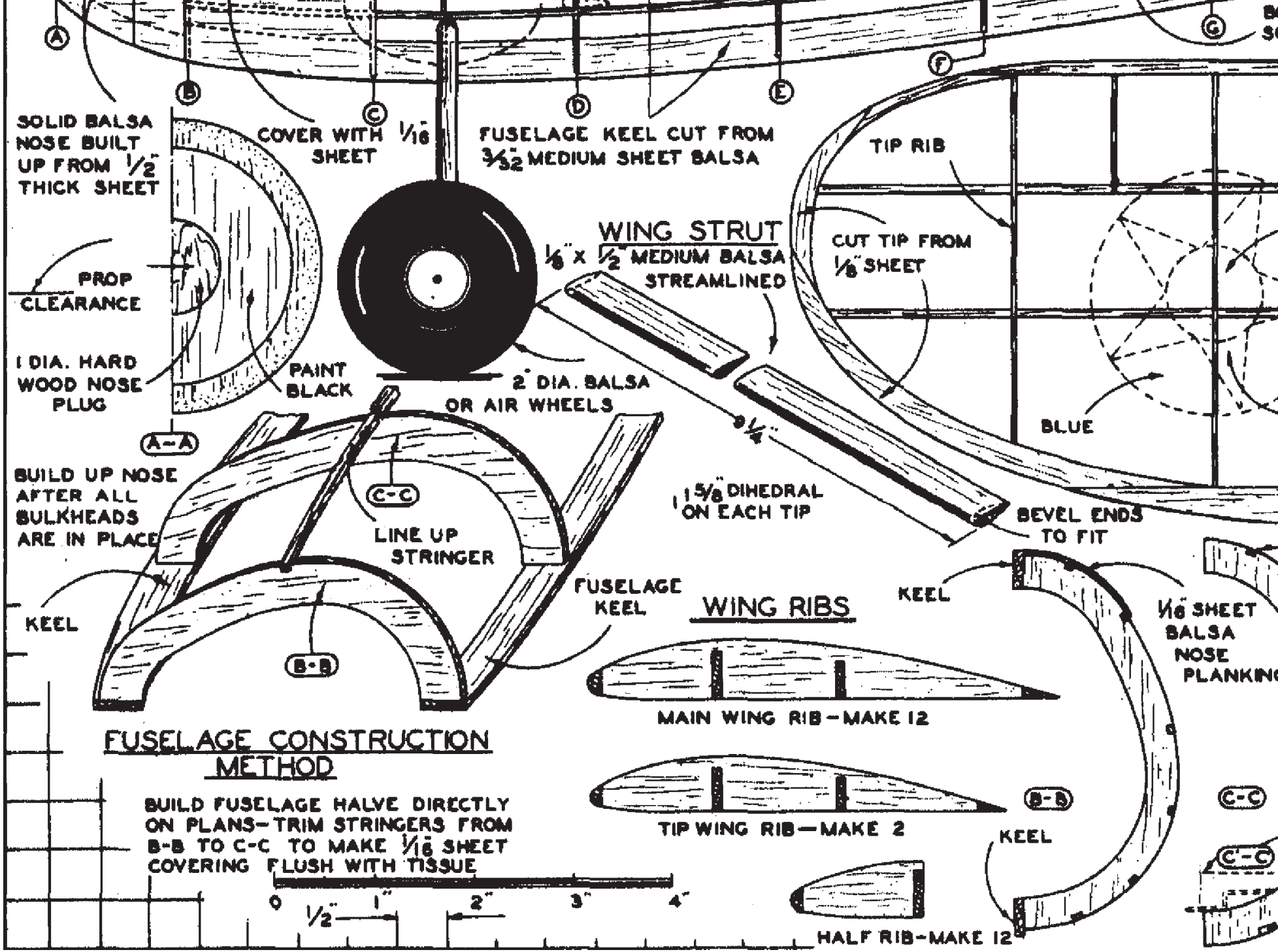
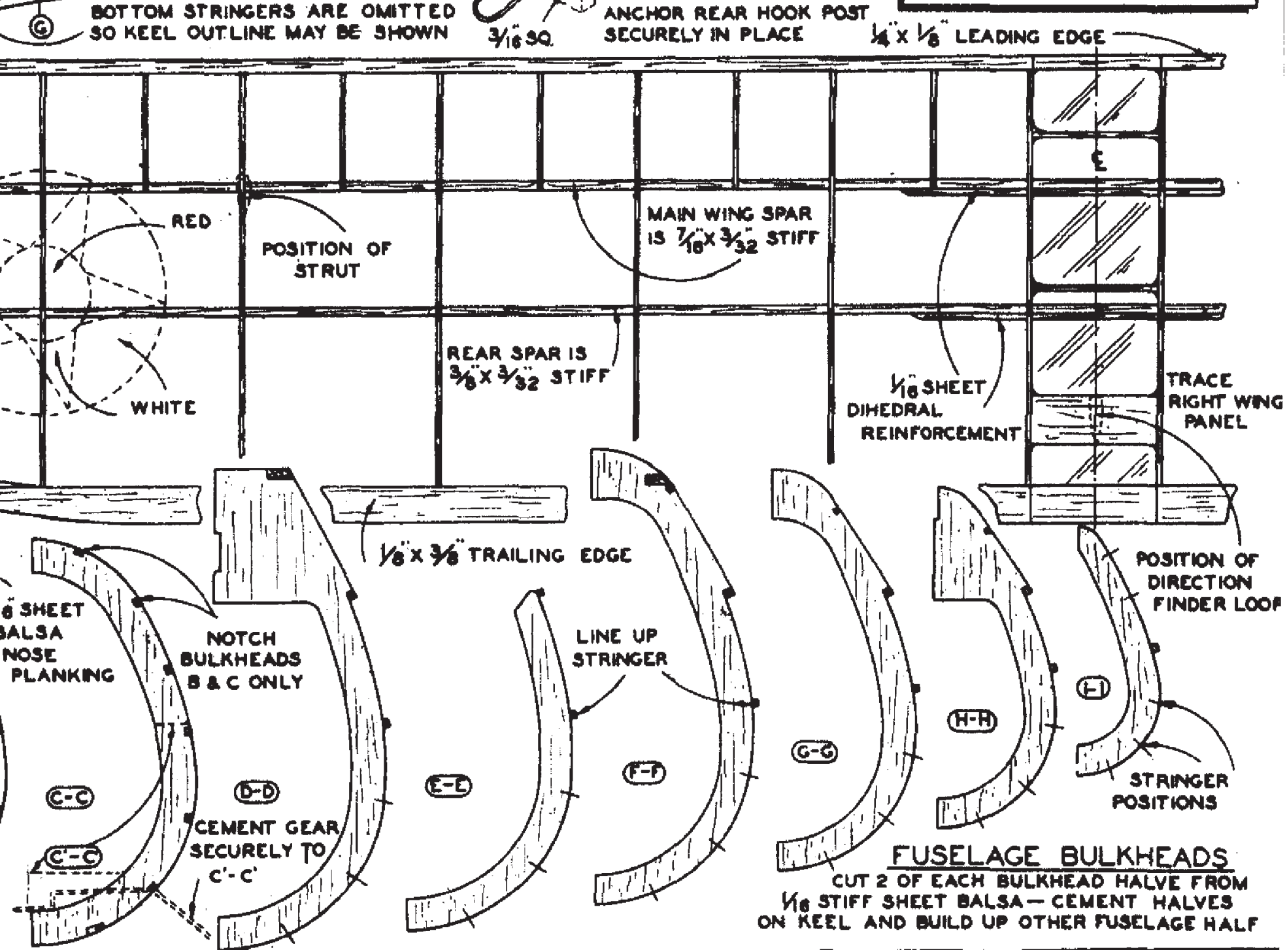

HUB REINFORCEMENT
CUT FRONT FROM 1/16 PLYWOOD
REAR FROM 1/8" HARD BALSA
DOTTED LINES INDICATE
CONTEST FLYING PROP
LANDING GEAR DETAIL
DUPLICATE OTHER HALF
CEMENT TO
BULKHEAD C-C
CEMENT WING PERMANENTLY
IN PLACE—INCIDENCE IS BUILT
INTO FUSELAGE
3/16" ROUND BA
FAIRING
DIRECTION FINDER
LOOP—CUT FROM
SOFT BALSA
WIRE
BRACE
WING REST BULKHEAD
1/16 SHEET BALSA
PROPELLER
MEASUREMENTS
JOIN BLADES AT CENTER
PAINT BLACK TO
INDICATE WHEEL
CAVITY
1/16 SQ.
LINE UP
STRINGER
POSITION OF WING
STRUT
C-C
1½"
3/8"
2½"
1¼"
3/4"
2"
1"
3/16"
3¼"
3"


STABILIZER RIBS
STABILIZER HALF
MAKE TWO & CEMENT IN PLACE
3/8" x 1/8"
1/8" SHEET
1/8" SQ. SPAR
1/8" x 3/8"
1/8" SQ. SPAR
RUDDER RIBS
CUT BOTH STABILIZER AND RUDDER RIBS FROM 1/16" STIFF SHEET BALSA
TRAILING EDGE CUT FROM 1/8" SHEET BALSA
COLOR SCHEME
FUSELAGE— BLUE
WING STABILIZER & RUDDER —YELLOW
COWLING—SILVER
REAR TAIL POST
NOTCH TO FIT STRINGERS
LIGHT CELLULOID COVERED COCKPIT
RUBBER TUBING ON REAR HOOK
3/32" SHEET
DO NOT COVER
REAR HOOK .035 WIRE
BOTTOM STRINGERS ARE OMITTED SO KEEL OUTLINE MAY BE SHOWN
3/16" SQ.
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
Curtiss O-52
FLYING SCALE MODEL
30" WINGSPAN — AREA 129 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
WING STRUT
1/8" X 1/2" MEDIUM BALSA STREAMLINED
CUT TIP FROM 1/8" SHEET
PROP CLEARANCE
1 DIA. HARD WOOD NOSE PLUG
PAINT BLACK
2" DIA. BALSA OR AIR WHEELS
BLUE
A-A
BUILD UP NOSE AFTER ALL BULKHEADS ARE IN PLACE
C-C
LINE UP STRINGER
1 5/8" DIHEDRAL ON EACH TIP
BEVEL ENDS TO FIT
KEEL
FUSELAGE KEEL
WING RIBS
KEEL
1/16 SHEET BALSA NOSE PLANKING
B-B
MAIN WING RIB - MAKE 12
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
TIP WING RIB - MAKE 2
B-B
KEEL
C-C
C-C
0 1/2" 1" 2" 3" 4"
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