

LOCKHEED "ORION"

SCALE - 1"=1'
PLAN NO. G-29



THIS FULL SIZE PLAN IS DISTRIBUTED BY
AIRCRAFT PLAN CO.,
BOX 143, FRANKLIN SQ., N.Y.

THE MARKINGS SHOWN DUPLICATE THOSE ON LAURA INGALLS' ORION, IN WHICH SHE BROKE BOTH THE TRANSCONTINENTAL RECORDS IN 1935. (NEW YORK TO BURBANK IN 18.5 HOURS & LOS ANGELES TO NEW YORK IN 13.5 HOURS).

LANDING GEAR WELL.
BOTTOM OF WING ONLY.
PAINT DULL BLACK.

IF 'TORPEDO' OR FORSTER 29'S ARE USED, FLY WITH ENGINE AT FULL POWER. THIS DESIGN IS NOT MEANT FOR SMALLER ENGINES. CAN BE STUNTED EASILY WITH 49'S OR LARGER ENGINES.

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ATWOOD "TRIUMPH" 49 OR 51 ENGINE IS RECOMMENDED FOR THIS SHIP.

SECTION THRU HEADREST

SOFT BALS A HEADREST

SAND FUSELAGE TOP FLAT TO ACCOMMODATE HEADREST

MAKE LEFT SIDE OF FUSELAGE DIRECTLY ON PLAN. USE 1/8 X 3/8" SOFT BALS STRIPS FOR PLANKING TAPER STRIPS AS REQUIRED TO GET SNUG BUTT-JOINTS.

CUT FIN AND RUDDER FROM SOFT 3/8" BALS A

NEWS PHOTO VERSION

TAIL CONE SHAPE

CUT LEADING EDGE FROM 3/16" SHEET. TAPER FROM 5/8" AT CENTER TO 1/8" AT RIB W-14. SAND TO CONFORM WITH RIB COVERING.

COVER WING (TOP & BOTTOM) WITH SOFT 1/16" BALS A SHEET. USE SHEETS ABOUT 2 X 6" OR 2 X 8".

LANDING LIGHT POSITION (BOTH WING PANELS)

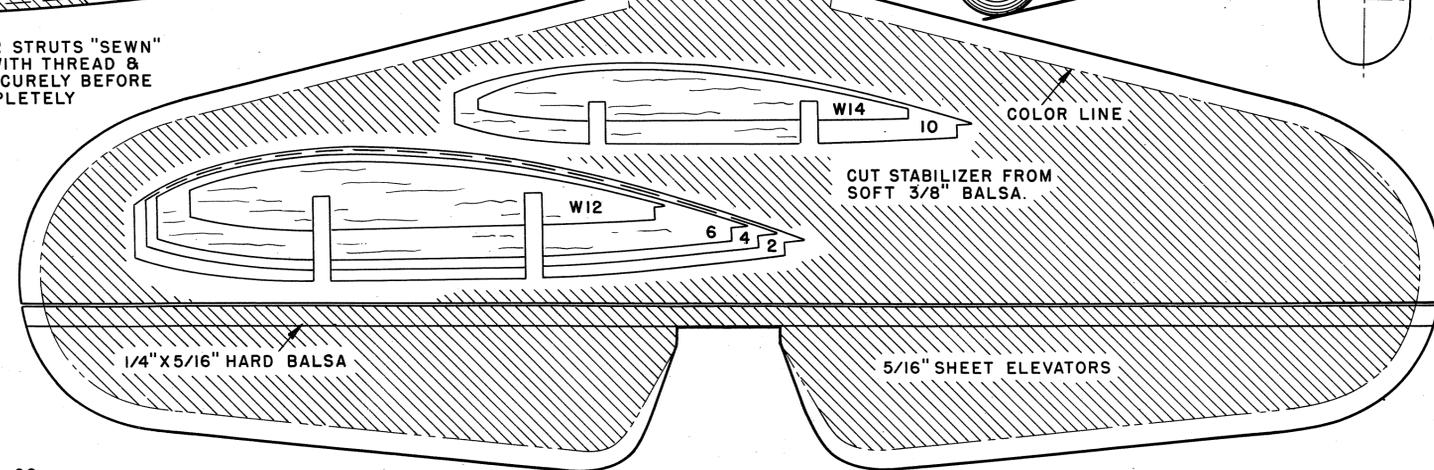
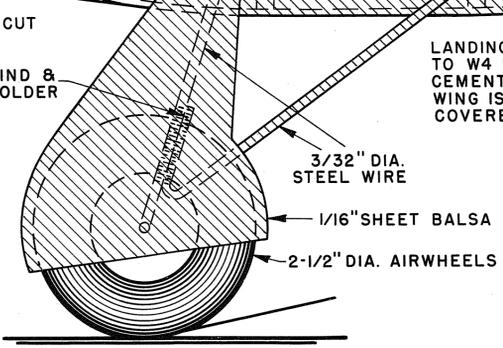
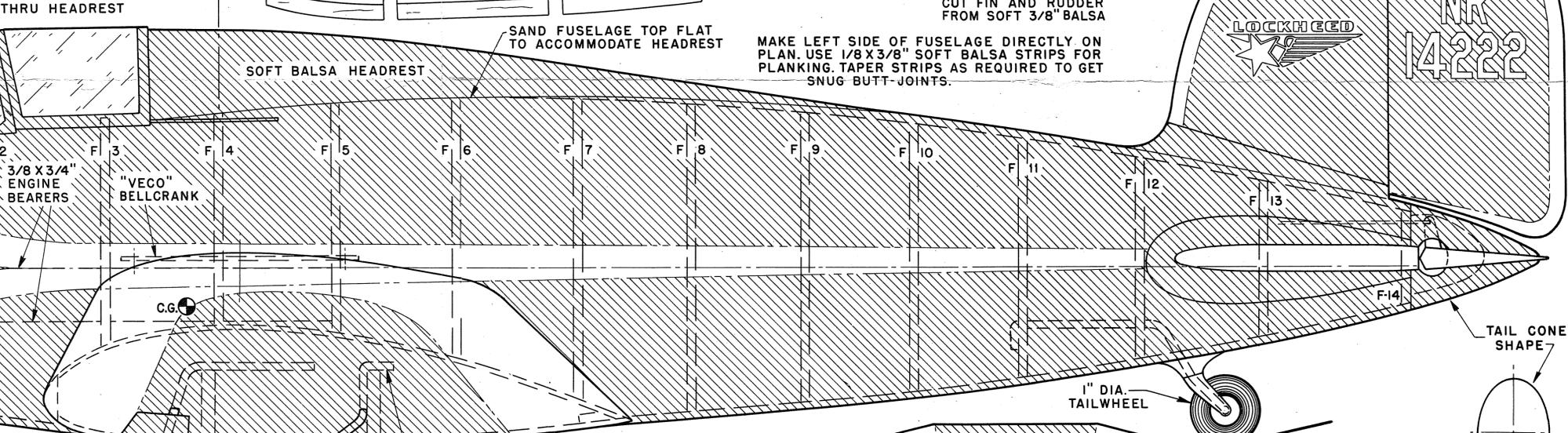
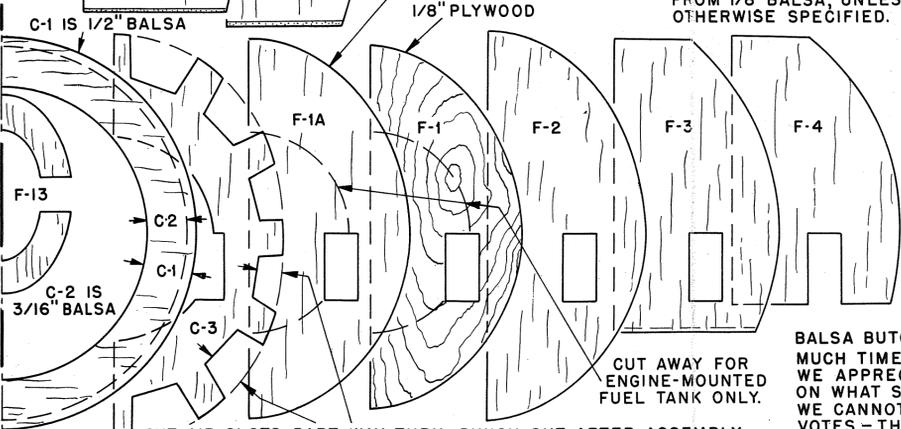
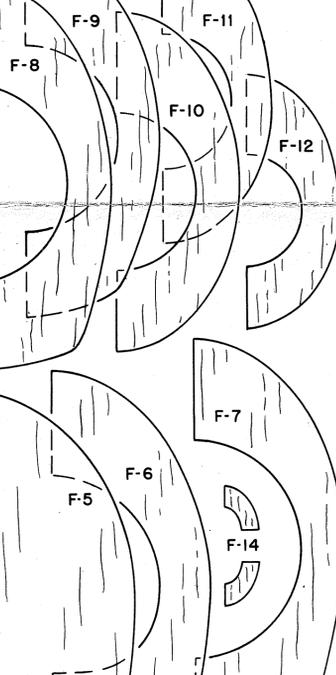
COLOR LINE

TIP LIGHT

W-1 RIBS CUT FROM 1/8" SHEET. ALL OTHERS CUT FROM 1/16". 2 OF EACH SIZE REQ'D. (3 OF W-1 RIBS REQUIRED).

LANDING FLAP OUTLINE

AILERON OUTLINE



ALL FUSELAGE FORMERS CUT FROM 1/8" BALS A, UNLESS OTHERWISE SPECIFIED.

BIND & SOLDER

LANDING GEAR STRUTS "SEWN" TO W-4 RIBS WITH THREAD & CEMENTED SECURELY BEFORE WING IS COMPLETELY COVERED.

3/32" DIA. STEEL WIRE
1/16" SHEET BALS A
2-1/2" DIA. AIRWHEELS

CUT STABILIZER FROM SOFT 3/8" BALS A.

5/16" SHEET ELEVATORS

1/4" X 5/16" HARD BALS A

CUT AWAY FOR ENGINE-MOUNTED FUEL TANK ONLY.

CUT AIR SLOTS PART WAY THRU. PUNCH OUT AFTER ASSEMBLY.

BALS A BUTCHERS - PLEASE NOTE: MUCH TIME AND EFFORT IS EXPENDED IN PRODUCING THESE PLANS. WE APPRECIATE RECEIVING PHOTOS OF FINISHED MODELS, "VOTES" ON WHAT SHIPS YOU WANT US TO PRINT, OR CONSTRUCTIVE CRITICISM. WE CANNOT ANSWER ALL CORRESPONDENCE, BUT SEND IN PIX AND VOTES - THEY ARE APPRECIATED.

AIRCRAFT PLAN CO.