

15"

Suggested motor "needler" for threading rubber motors

1/8" sq.

Make two sides by cementing all pieces together, shown in solid lines within this heavy line

x 11-9/16

Elevator control cables

#12 music wire

In order to place rubber on rear hook do not cover this portion on the bottom

1/16" sq. diagonal tail skid brace

Rudder control cable

Rudder brace wires

PIN

RUDDER

Iron wire hinge

Red

Blue

It is advisable in order to compensate for shortening of fuselage due to bending in of the sides, to make them 1/16" longer here

strut pattern side of plane. one opposite, right

Fillet cut from 1/8" flat balsa

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This Model is Of The Usual All Balsa Construction as Originated By Cleveland Model Engineers

A Model To The 3/4" Scale

Cleveland-Designed

Curtiss JN4D Model SF-4

A World War Training Plane for the U.S. Army

CLEVELAND MODEL & SUPPLY CO.

MODEL AIRCRAFT ENGINEERS

Drawings, Kits and Supplies for Model Aircraft Engineers 1866 West 57th Street, Cleveland, Ohio, U.S.A.

and push rod

Aileron control pulleys. 3/32" diameter cut from 1/16" thick balsa

Use two 1/8" dia. rivets cockpit's before cementing fuselage

Sink winding loop in slot cut in hub and cement in place

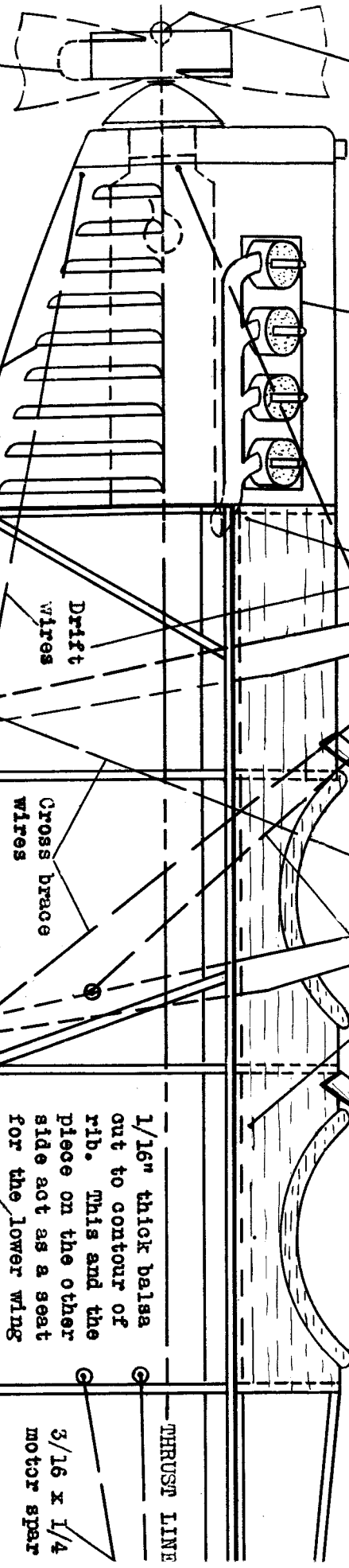
Intersection struts pattern. Interplane struts are shown extended in dotted lines.

Color motor, exhaust and space within this line, black

Control horns cut to shape from 1/16" flat balsa

Aileron control cable

Cement well all around wire



1/16" thick balsa cut to contour of rib. This and the piece on the other side act as a seat for the lower wing

THRUST LINE

3/16 x 1/4 motor spar

Fold propeller tabs over, score and cement well in hub slots. Give each blade about 1/8" camber

Louvers cut from 1/16" flat balsa

Drift wires

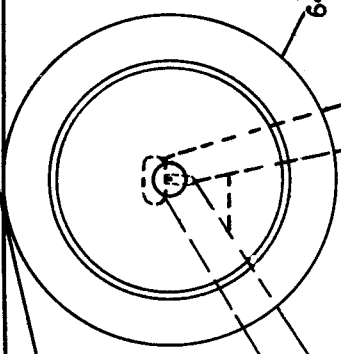
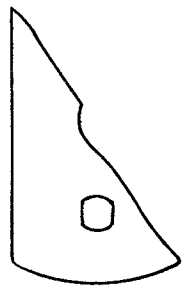
Cross brace wires

#12 W. W. wing skid

Wing skid, aileron horn and control cables are shown less dihedral (as if on center section) for simplicity

Landing gear for left Make

Use razor blade broken off as shown for cutting curved parts



Wheel #19