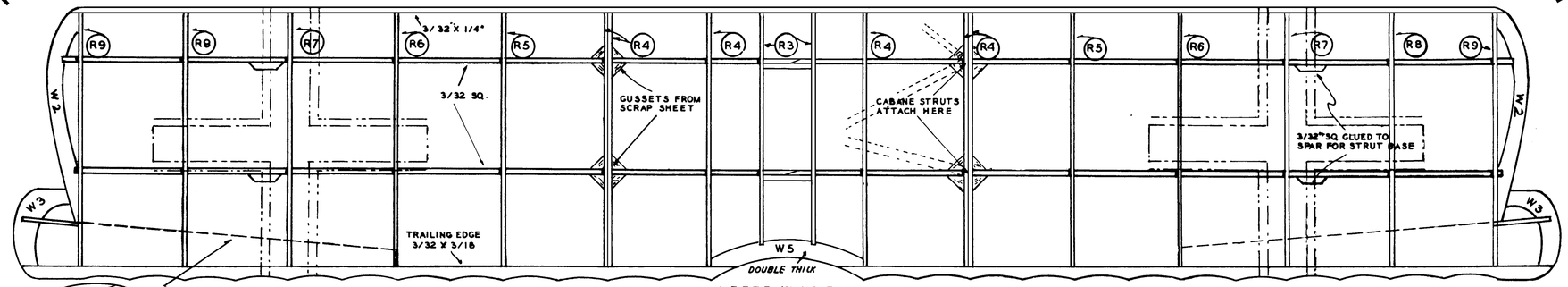
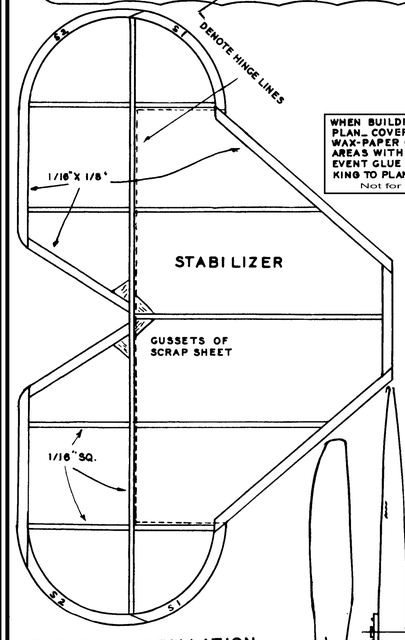
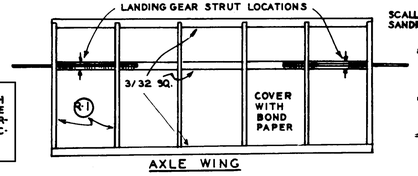
pd1



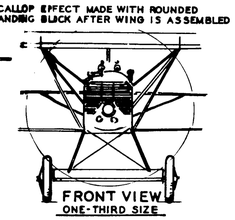
UPPER WING PLAN



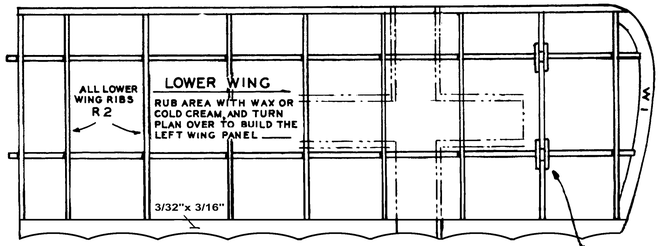


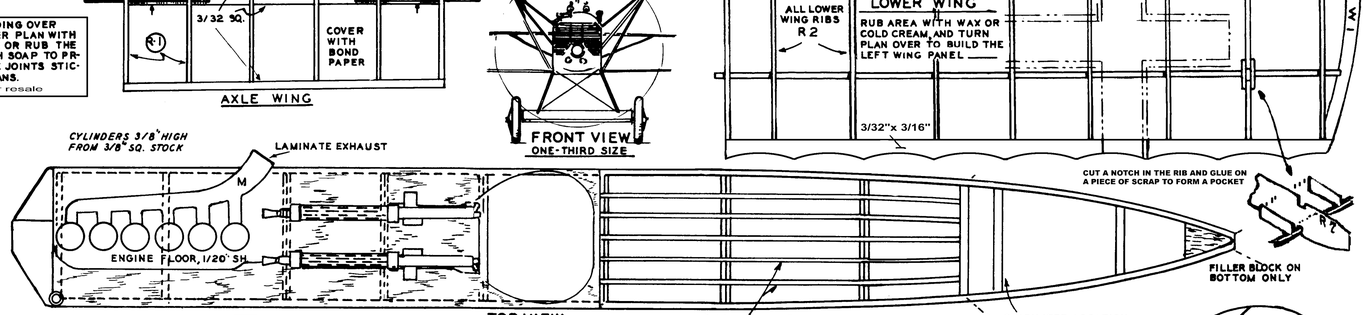
AXLE WING

WHEN BUILDING OVER PLAN, COVER PLAN WITH WAX-PAPER OR RUB THE AREAS WITH SOAP TO PREVENT GLUE JOINTS STICKING TO PLANS.
Not for resale



FRONT VIEW
ONE-THIRD SIZE



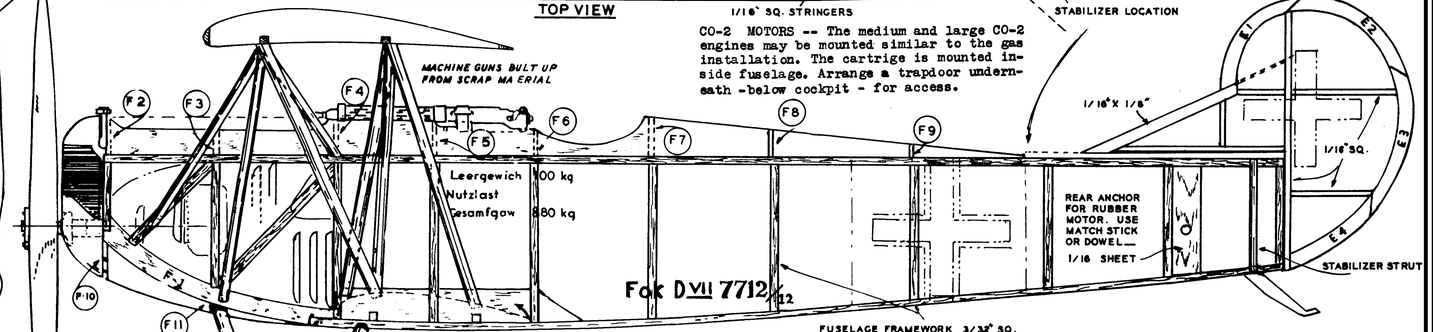


TOP VIEW

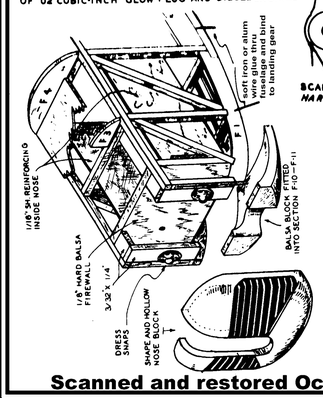
1/16" SQ. STRINGERS

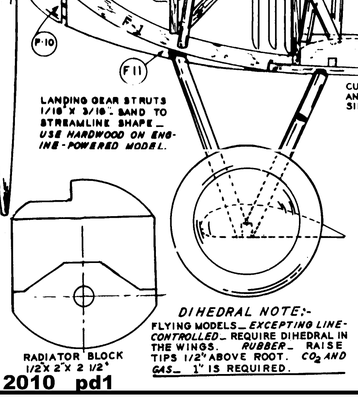
STABILIZER LOCATION

CO-2 MOTORS -- The medium and large CO-2 engines may be mounted similar to the gas installation. The cartrige is mounted inside fuselage. Arrange a trapdoor underneath -below cockpit - for access.



SIDE VIEW





DIHEDRAL NOTE:-
FLYING MODELS- EXCEPTING LINE-CONTROLLED- REQUIRE DIHEDRAL IN THE WINGS. RUBBER- RAISE TIPS 1/2" ABOVE ROOT. CO_2 AND GAS- 1" IS REQUIRED.

CUT PIECES OF 1/16" SHEET AND SET FLUSH WITH THE SIDES OF FUSELAGE

FUSELAGE - Pin longerons and F-1 in position on plan. Add the uprights and diagonals. Build both sides identical, one on top the other. (place 1/16" spacers between F-1s) and separate when dry. Assemble fuselage, starting at rudder post, with cross-pieces measured from top view. Add formers and stringers. Cover cockpit and cowling with 1/20 sheet.

WINGS - Pin leading & trailing edges and outlines on plan, and glue ribs in place. Insert spars in notches afterward. Crack the spars to proper dihedral angle, and cement gussets. Shape leading and trailing edges with sanding block

STABILIZER & RUDDER - Build flat on plans as indicated.

COVERING - Cover all parts of model before assembling. Cover under side of parts first - use small sections to avoid trouble. Water spray paper to shrink, then dope. Rubber powered models require one coat of thinned dope. Engine powered models require two or more. Make extra coats a little thicker, and add a few drops of castor oil to prevent warping.

At points where struts etc. attach, remove paper with pointed knife and dig small pit in wood underneath. Fill pit with glue and place parts together.

The D VII is ideally suited for adaption to flying with the new small motors, with but few changes from the rubber powered model. Tail surfaces should be made slightly heavier. Increase 1/16"sq to 3/32" sq., and 1/16 x 1/8 to 3/32 x 3/16.

Most glow fuels soften dope. Give fuselage, tail a coat of fuel proofer, or use fuel proof dope.

CALIFORNIA'S
WORLD WAR I SERIES FLYING MODELS
FOKKER D VII GERMAN FIGHTER
Scale ¾"=1 Scanned and restored October 2010 pd1 Span 21¾"
Engineered by Frank Greene
MFD. BY CALIFORNIA MODEL Co. LONG BEACH, CALIF.

Scanned and restored October, 2010 pd1
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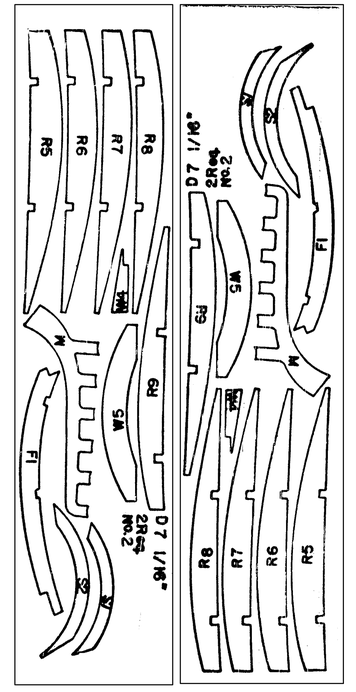
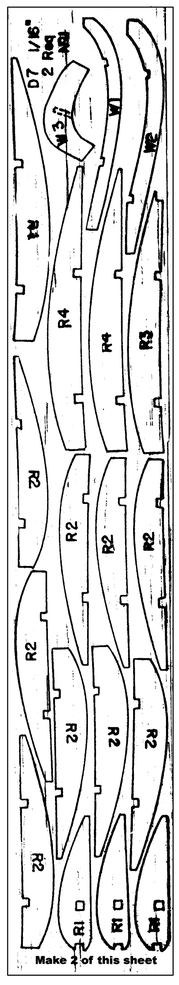


California's Fokker D VII
Printwood



Make 2 of this sheet