



3/32" DIAMETER ALUMINUM TUBING ANGLED THROUGH BOTTOM SKIN

LEADING EDGE 5/8" x 1" TAPERED

PINE DIHEDRAL BRACE

WING WALKS EACH SIDE

LANDING GEAR RETRACTION WELL OUTLINE  
IMBEDDED L.G. STRUT

1-1/2 OZ. BALLAST

RIB LAYOUTS

**WING PLAN**

1/8" PLYWOOD CONTROL MOUNT

J. ROBERTS UPRIGHT PLANE UNIT

TOP AND BOTTOM PLANKED WITH 1/16" SOFT SHEET

3/4" HARD TRAILING EDGE JOINER

1/2" SHEET TIPS

AILERON OUTLINE

3/8" x 1" MEDIUM T.E.

FLAP OUTLINE ON BOTTOM

1/4" SQUARE

LEADING EDGE REAR VIEW

TRAILING EDGE REAR VIEW

**COWL FRONT VIEW**

WING RIBS:  
RIBS R-1 ARE 3/16" SHEET  
ALL OTHERS ARE 3/32" SOFT SHEET

1/8" PLYWOOD HOLD-DOWN REINFORCEMENTS

C-4 1/16" PLYWOOD HEADREST POSITION  
LIFE RAFT TUBE POSITION

1/32" SHEET

FIBERGLASS COWL HELD IN PLACE WITH THREE 1/16" BOLT

HOLD DOWN SCREWS THRU METAL TANK BRACKETS

1/8" DOWELS

BIND 1/16" I.D. BRASS TUBE CARRIER HOOK BEARING TO 1/8" PLYWOOD

VECO NO. 340 HORN

1/4" RUDDER OFFSET

COWL BRACKETS WRAPPED WITH THREAD TO PREVENT SPLITTING

CYLINDER CUT-OUT

**FUSELAGE TOP VIEW**

NOTE: USE Balsa UNLESS OTHERWISE SPECIFIED

1/16" WIRE TO "VARI-SPEED"

SOLDER .045 WIRE TO "VARI-SPEED" PUSHROD-TIE STRING BETWEEN POINTS "A" AND "B" TO PULL CARRIER HOOK RELEASE-PIN AT IDLE SPEED

**Brewster Buffalo**

1/2" SOFT

1/16" I.D. ALUMINUM TUBE SERVES AS BEARING FOR .045 WIRE CARRIER HOOK RELEASE-PIN

TANK POSITION

3/16" PLYWOOD

FASTEN LANDING GEAR WITH "J" BOLTS

1/16" PLYWOOD PUSHROD GUIDE

F-4A

1/16" DIAMETER WIRE

NOTE: FUSELAGE FORMERS 3/32" SHEET UNLESS OTHERWISE SPECIFIED

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J. ROBERTS "VARI-SPEED" THROTTLE CONTROL

BIKE SPOKE TOP HOLD DOWN

KAP-PAK NO.T-10 2-1/3 OZ. TANK

K & B .45 ENGINE SHOWN

TOP FUSELAGE SHELL REMOVES ON THIS LINE

LEAD FIBERGLASS INSIDE COWL FOR PROPER C.G. IF NECESSARY

**FUSELAGE SIDE VIEW**

3/8" HARD Balsa SHEET FACING GLUED TO FRONT OF F-1 & F-1A - CUT CENTER OUT FOR ENGINE MOUNTING ONTO F-1 AND CYLINDER COOLING CLEARANCE.

.005 SHIM BRASS WING STRUT WELL COVER SOLDERED WITH BRACKETS TO 1/16" M.W. STRUT

1/8" & 1/16" DIAMETER DOWELS KEY CRUTCH TO BOTTOM FUSELAGE SHELL AND SERVE AS ALIGNMENT PINS FOR REMOVABLE TOP SHELL

1/16" WIRE CARRIER HOOK AND TAIL WHEEL STRUTS

3/32" PLYWOOD

1/8" PLYWOOD

3/32" PLYWOOD

1/16" PLYWOOD

3/32" PLYWOOD

1/16" PLYWOOD

1/16" I.D. BRASS TUBE WRAPPED AND SOLDERED TO GEAR TO RECEIVE WING STRUT - WING STRUT NOT SOLDERED TO ALLOW SHOCK TRAVEL

FUSELAGE BLOCKS:  
2-11/16" x 4-1/2" x 22" SOFT TOP  
3" x 4-1/4" x 21-7/8" MEDIUM

2-1/4" SCALE WHEELS