A 36" OR 44" SPAN BEGINNER'S MODEL CONVERTIBLE TO FLOATS

TOMBOY

DESIGNED BY

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THE AEROMODELLER PLANS SERVICE

THE AERODROME STANBRIDGE NR LEIGHTON BUZZARD BEDS

3/-

THE 36" VERSION IS SUITABLE FOR ENGINES OF .5 - 1CC FOR ENGINES OF 1·3CC - 1·5 CC INCREASE AREAS AS SHOWN & USE HARD BALSA THROUGHOUT. NO CHANGE OF TRIM IS REQUIRED WHEN CONVERTING TO FLOATS. IT IS ADVISABLE TO FUEL PROOF THE ENTIRE MODEL FOR WATER FLYING. REMOVE MOTOR CLEAN & OIL AFTER EACH DAYS FLYING

MATERIAL LIST	36" VERSION
5 STRIPS. OF 3/16 x 3/16 x 36" MED	15" OF 14 S.W.G PIANO WIRE
2 " " 3/16 x 3/16 x 36" HARD	7" " 1/8" DOWEL
1 " " 3/8" x 1/8" x 36" "	5" " 3/8" x 1/4" HARDWOOD
1 " " 3/16 x 1/8 x 36" "	12" x 2 1/2" CELLULOID
1 T.E (SHAPED) 1/2" x 1/8 x 36" "	3" x 6" - 1/16" PLY
1 " " 3/8" x 1/8" x 36" "	CEMENT, RAG TISSUE, DOPE
2 SHEETS OF 1/16" x 3" x 36" MED	BOLTS 2" AIRWHEELS (OR
DOES NOT INCLUDE FLOATS	RUBBER WHEELS) PINS, ETC
1 PACKET OF BALSA REJECTS	CONTAINING 3/16 & 1/4" SHEET

ALL WOODS ARE BALSA UNLESS OTHERWISE STATED

FIT FRONT DOWELS AFTER FITTING WIND SHIELD

NOSE. COVER BETWEEN SIDE PANELS WITH 1/16" SHEET FROM F1 TO TOP OF BEARERS.

"ELFIN 1·49 CC" INSTALLATION DO NOT USE IN 36" MODEL.

TANK

BEARERS ARE SUPPORTED BY SIDE PANELS

ALUMINIUM TAG

SOFT 3/16" SHEET

PIN

3/16" x 3/16"

SOFT 3/16" SHEET.

BOX OF 1/16" SHEET TO FIT SUB-RUDDER USE WITH DETACHABLE REAR FLOAT

3/16" x 3/16" L.E.

WIRE LEG POSITION ON FRONT FLOAT

SLOT IN TAIL FLOAT

GRAIN

1/2" x 1/8" T.E

SCRAP FAIRING

1/8" SHEET

CRACK LONGERONS & CEMENT

3/16 GUSSET FIT BEFORE REMOVING SIDES FROM PLAN

CEMENT FIN TO FUSELAGE

F2

F3

F4

F1

F1A

CHOKE HOLE FOR 'BEE'

FILL SIDES & BOTTOM WITH 1/16" SHEET

LONGERONS & SPACERS ALL 3/16 x 3/16

"MILL·75," "AMCO·87" INSTALLATION

FIA

"BEE" F1 INSTALLATION.

SOFT 1/4" SIDE PANELS

PLUG IN 1/2 BOX ADD 1/16" PLY STRIPS TO FRONT OF F1. ADD F1A TO FRONT OF STRIPS BIND WITH SILK STRIP

1/16" PLY STRIPS

LAMINATE SUB RUDDER FROM 2 SHEETS 1/16" CROSS GRAIN

NOTE: HOOKS ON TAIL FLOAT TO ATTACH BY RUBBER BANDS IF PLUG-IN 1/2 C IS USED

FLOAT GEAR 14 S.W.G.

LAND GEAR 14 S.W.G.

SHAPE OF TOP FOR PLUG-IN 1/2 C.

ASSEMBLE SIDES TO L.E & T.E OF FLOAT. BIND FRONT FORMERS TO 1/2 C. CEMENT IN. TAIL FLOAT FITS ON SUB-RUDDER COVER. ALL FLOATS WITH 1/16" SHEET DOPE ON TISSUE, GIVE COAT OF WATER-PROOFER

ALL FLOATS ARE OF EQUAL SIZE

2" RUBBER BALLOON WHEELS

NOTE ANGLE OF FLOAT

F1A 1/16" PLY

F2

CABIN TOP 3 OFF CEMENT TOGETHER CHAMFER FRONT CURVE

FRONT FLOAT FORMERS 1/16 PLY.

REAR FLOAT FORMER 1/16" PLY

1/8" SHEET FLOAT SIDES

F2, 3 & 4 1/16" SHEET

F4

"ED BEE" F.1 1/16" PLY.

F3

INCREASE SPAN BY 2 RIBS EACH END OF WING FOR ENGINES OVER 1CC

3/16" x 3/16" L.E

1/8" x 1/8" TOP ONLY SCRAP

1/4" SHEET SOFT END RIBS.

3/16" x 1/8" BOTTOM (1/2" x 1/8" ALTERN.)

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

INSERT RIBS 1/16"

EXTEND T/P 1 RIB EACH SIDE FOR OVER 1CC ENGINES.

CEMENT 1/16" x 3/8" BALSA PACKING TO OUTSIDE OF BEARER

NOTE. POSITION OF ST-BD BEARER TO OBTAIN ENGINE SIDE-THRUST

2" SIDETHRUST (RIGHT)

CABIN TOP

FILL IN TOP & BOTTOM WITH 1/16" SHEET

1/8" DOWEL

T/P RIBS 9 OFF 1/16" SHEET. 2 OFF 1/4"

1/4" x 3/8" BEARER

1/8" DOWEL

DIHEDRAL BRACE 1/16" PLY.

WING RIBS. 20 OFF 1/16" SHEET. 2 OFF 1/4"

1/16" 1/8"

COVER CURVE FROM F1 TO F2

1/8" DOWEL.

TRIM CENTRE SECTION RIBS TO DOTTED LINES.

1/4" SHEET SIDE PANEL. WITH CARTRIDGE PAPER OR THIN CARD

TEMPLATE FOR WINDSHIELD

3/16" x 3/16" HARD

DIHEDRAL BRACE.

SOFT 1/4" SHEET END RIBS

3/8" x 1/8" HARD

COVER C/S WITH 1/16" SHEET

3 1/2" DIHEDRAL AT THIS RIB

INSERT RIBS 3/32"

1/2" x 1/8" T.E

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