0" 1" 2" 3" 4" 5" 6" 7" 8" 9" 10" 11" 12"

WING TIP RIB TEMPLATE

OOPS - NACELLE IS OFF THE PAPER - SEE LAYOUT BELOW SUPERIMPOSED OVER WING

CUT TO FIT

3/8" BLOCK

ACTUAL NACELLE POSITION

1/8" PLY PLATES TOP AND BOTTOM WITH 6/32 BOLT TO MOUNT BELLCRANK EPOXY IS ADVISED

USE TWO BELLCRANKS BOLTED TOGETHER FOR STRENGTH

TOP 1" THICK RING

TANK

BASIC NACELLE STRUCTURE

WING IS FOAM CONSTRUCTION WITH BALSA 1/16" COVERING. WING IS A FOAM FLITE AKROMASTER - MANKATO, MINN.

EYELETS

1" BLOCKS USED ON NACELLE SIDES - 1/2" BLOCKS USED ON TOP AND BOTTOM

HARDWOOD M'TS

1/8" PLY

WING IS CUT OUT AT LEADING EDGE TO RECEIVE TANK AND MOTOR MOUNTS. EPOXY OR WHITE GLUE THEM INTO PLACE. THE NACELLES ARE BUILT WITH TANKS IN PLACE BEFORE INSTALLING IN THE WING

THIS IS ENGINE NACELLE TOP VIEW TO BE POSITIONED ON LEADING EDGE AS INDICATED

EPOXY WING HALVES TOGETHER USING FIBREGLASS CLOTH FOR STRENGTH

1/4" BALSA GLUED VERTICALLY ON THE 1/16" PLY RING - AFTER CIRCLE IS COMPLETE, ADD TOP

1/16" PLY COWL RINGS MAKE 2 I COWL BUILDS ON THESE

3/8" LAMINATED

AFTER COWLS ARE SANDED ROUND - GLUE 1/16" BALSA AROUND THE COWLS FOR SMOOTHNESS AND STRENGTH

VENTS

1/2" DIA. METAL SCREWS HOLD COWL ON

1/4" TAPERED BALSA FLAPS

NOSE OF 1/2" LAMINATIONS AND HOLLOWED

3/8" TOP BLOCK

AT-9

DESIGNED BY JACK SHEEKS

FORMERS 1 2 3 1/8" BALSA

1/32" PLYWOOD WINDSHIELD

1/8" BALSA SIDING

1" BLOCK HOLLOW

FOAM FLITE AKROMASTER WING

1/16" PLY BRACES

1/8" BALSA DOUBLER

3/16" BALSA STRINGERS

1/8" BALSA SIDES

1/4" RUDDER AND FIN

1/2" BALSA BLOCK

1/8" DIA. WIRE LANDING GEAR

RED
WHITE
RED
WHITE
RED

1/16" PLY PLATE

3-1/2 OZ. TANKS

C.G.

1" BALSA RING

1/4" BALSA BOTTOM BLOCKS

1" BALSA RING COWLS

3/8" BLOCK

1/2" BLOCK

1/16" BALSA WRAPPED AROUND COWLS

BLOCKS SAME ON TOP AND BOTTOM OF NACELLES

POWER: TWO .30 O.S. ENGINES

2-1/4" DIA. WHEELS

3/8" BALSA STABILIZER

3/8" AIRFOILED BALSA ELEVATORS

1/8" PLY FIREWALL

1/8" DIA. WIRE GEAR

OUTBOARD SIDE
INBOARD SIDE

NACELLE SIDES 2 1/8" EACH, 1/16" PLY DOUBLERS

TANK 3-1/2 OZ.

J-BOLT GEARS TO PLY

D.J.M