1/16" SOFT BALSA

YARDSTICK CUT TO 31"

1/8" BALSA

YARDSTICK ENDS HERE

1/4" BALSA

1/16" SOFT BALSA

D

3-1/2"

SPLASH PLATE 1/8" SOFT PLYWOOD

8-3/4"

22-3/8"

D

RAISE TIPS 1"

1/4" BALSA

SOFT BALSA

1/8" HARD BALSA

1/4" X 1/2" BALSA

1/32" SHEET BALSA

1/4" SQ.

F-2

1/8" HARD PLYWOOD

JOIN TO SIDE DRAWING

FOAM PATTERN

1/16" BALSA HERE TO TAIL INSIDE

1/8" PLYWOOD

1/16" PLYWOOD BOTH SIDES

D

KICKBACK WATER RUDDER - SANDWICH 3 SECTIONS OF 1/16" PLY. SAND TAIL TO A POINT.

C

1/8" FILLETS

1/8" SIDE PANELS

F-1

10-6 PROP

HP 40 ENGINE

1/8" PLYWOOD

PRESSURE TO PUMP

A

A

CUT

WING CONSTRUCTION:

PREPARE FOAM SHEETS - 3/8" X 12-13/16" X 36"

ADD SPARS (2 YARDSTICKS CUT TO 31") PLUS UNDERSIDE OF LEADING AND TRAILING EDGE. ADD LEADING EDGE.

ADD RIBS. JOIN WING HALVES. RAISE EACH WING TIP 3-7/8".

USE PLYWOOD DOUBLERS ON CENTER JOINTS. CAPSTRIP CENTER-SECTION AND SAND TO SHAPE.

1/2" HARDWOOD

B-1

A LIGHT COAT OF OIL ON THIS AREA FOR OIL PROTECTION

B-2

F-3

NOSE BLOCK TOP VIEW

1/8" HARD PLYWOOD

ENGINE MOUNT FRONT VIEW

1/4" HARD PLYWOOD

1/4" DIA. THINWALL STAINLESS TUBING

NOTE: USE AIRCRAFT BOLTS AND NUTS

B-1

B-2

MACHINE SCREWS

C

1/8" BALSA SIDE GRAIN

1/32" PLY

A

1 AMP HR. BATTERIES

FUSELAGE NOTES: OUTSIDE IS 1/32" BALSA INSIDE IS 1/16" SHEET BALSA AND 1/32" PLYWOOD DOUBLERS. TOP AND REAR BOTTOM IS 1/8" SOFT PLYWOOD. ENTIRE MODEL IS COVERED WITH MONOKOTE.

PERRY PUMP

F-2

RUBBER HOLD-DOWN DOWELS

RECEIVER

1/4" X 1/2" BALSA WING SADDLE

C.G.

VENT

SERVO

ELEVATOR RUDDER

F-3

FOAM PATTERN

1/8" HARD PLY

1/32" PLYWOOD INSIDE

THROTTLE SERVO

74 OUNCE FUEL TANK

1/16" SHEET ENDS HERE

SOFT BLOCK

1/8" SIDE PANELS

SPLASH PLATE - 1/8" SOFT PLY

F-1

C

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

BRYCE PETERSEN'S **VIKING** .35 TO .60 ENGINE

DESIGNED FOR F.A.I. RECORDS
FLYING SURFACES: 1,385 SQ. IN.
WEIGHT WET 11.025 LBS.

EPOXY IS A MUST IN BUILDING THIS MODEL EXCEPT FOR CONTACT CEMENT FOR SHEET FOAM.

DJM