

3/8" X 5/8" Balsa

STOCK "FACER" STYROFOAM WING, MODIFIED AS SHOWN AVAILABLE FROM ACE R/C

1/32" PLY SPILL PLATE - 2 REQ'D.

RECOMMENDED HINGE LOCATIONS

HINGE LOCATION 1/8" SHEET

SPAR POSITION

1/4" X 3/4" TRAILING EDGE STOCK

HINGE LOCATIONS

COX .049 OR .051 "TEE-DEE" ENGINE

1/4" SQ. PINE RAILS

4-40 WING RETAINER SCREWS (2)

PLASTIC FUEL TANK (SIZE LIMIT-1-3/8" DIA.)

LEAD BALLAST IN HERE (IF REQUIRED)

1/4" SQ. PINE RAILS

3/32" SHEET SIDES

1/16" DOWEL PIN

1/16" MUSIC WIRE ELEVATOR JOINER

FABRIC WRAP AND EPOXY

BULKHEADS F1 TO F6 JOINED TO SIDES WITH 5-MINUTE EPOXY (SEE TEXT)

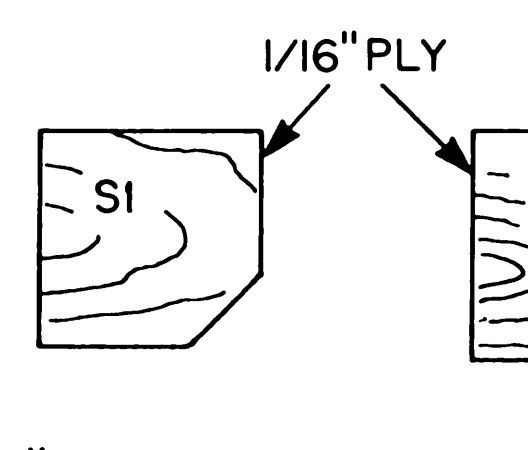
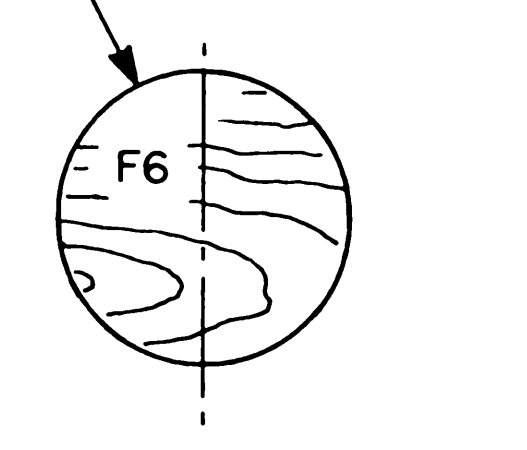
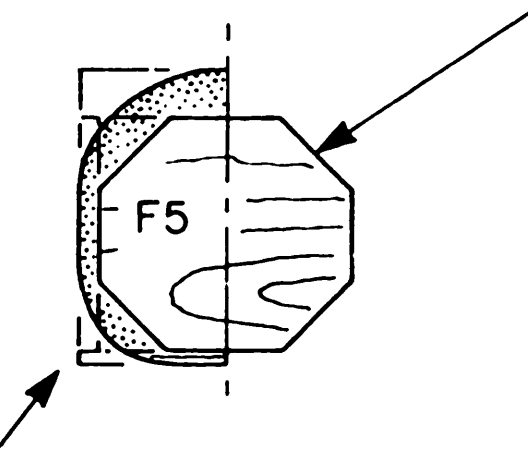
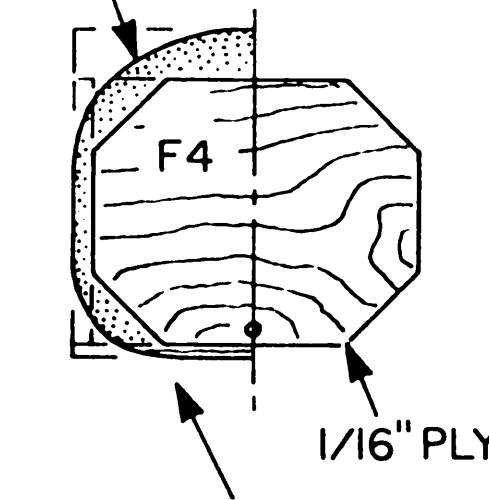
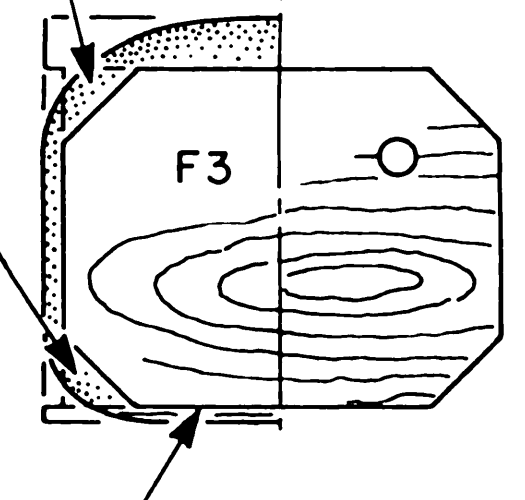
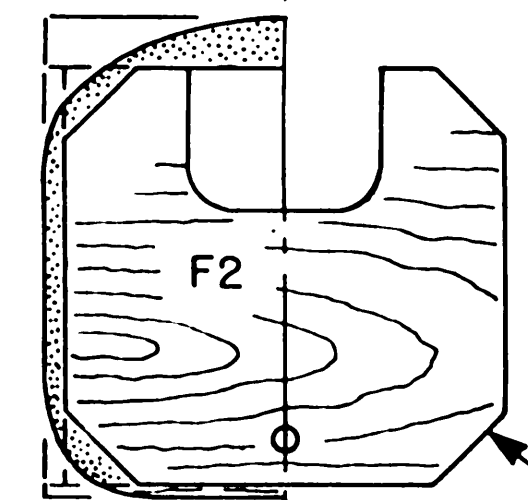
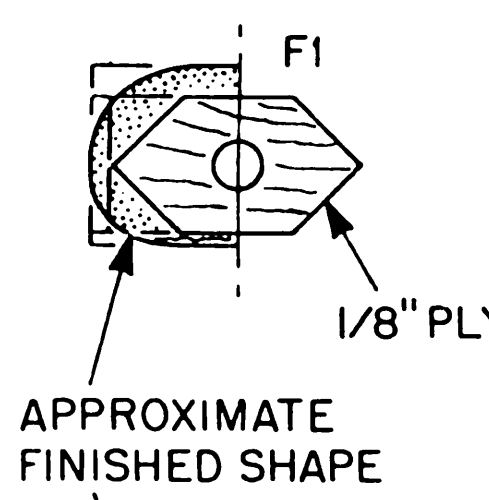
ELEVATOR PUSH ROD

NOTE: TOP OF WING IS FLAT. SLIGHT DIHEDRAL ON BOTTOM ONLY.

NOTE: KEEP TAIL COMPONENTS LIGHT!

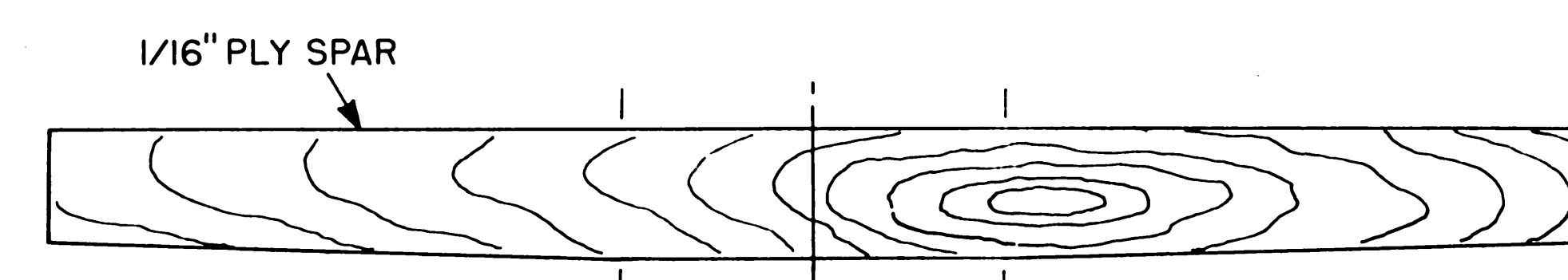
5-1/2" DIA., 3" PITCH "TORNADO" PROP (LEFT-HAND PITCH)

3/8" X 3/8" TRIANGULAR STOCK



LEFT HALF OF EACH BULKHEAD SHOWS LONGERONS AND SHEETING IN PLACE

STOCK 7" CANOPY TRIMMED TO SIZE SHOWN



ALL TAIL SURFACES CUT FROM 3/32" SHEET Balsa

BATTERY PACK

1/4" SHEET

RECEIVER

AILERON SERVO

1/16" MUSIC WIRE AILERON HORNS

1/4" SHEET

SLOT FOR ELEVATOR PUSH ROD (LEFT SIDE ONLY)

1" X 1-1/2" X 1-1/2" HARD Balsa NOSE BLOCK, SHAPED AND HOLLOWED AS SHOWN

ELEVATOR SERVO

1/8" DOWEL KEY

1/16" THICK WING SEATING TAPE

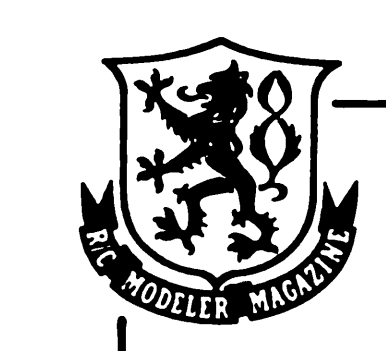
ACCESS PLATE AND 1/32" PLY STIFFENER

FRONT

REAR

1/4" SHEET FUSELAGE TOP (NOSE PORTION)

1/4" SHEET FUSELAGE TOP (TAIL PORTION)



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SHOCKWAVE!

DESIGNED BY JAMES PRELL

TRACED BY PAUL PLECAN

