

NOSE-RING SUPPORT FORMER AND FIREWALL MAY BE MADE FROM 1/8" LITE-PLY OR COMPOSITE MATERIAL. SEE E TEMPLATES THIS SHEET.

2.5" RIGHT THRUST
ENGINE OPENING CUT-OUT
1/2" DIA. LITE-PLY DISCS FOR ENGINE MOUNT BLIND-NUTS.
HIDE SOFT MOUNT SHOWN

SERVO PLACEMENTS SHOWN ARE APPROXIMATE. PLACE RX AND BATTERY PACK AS DESIRED FOR BALANCE.
SEMI-DISCS FOR BELLY-PAN RETAINERS ARE 1/8" LITE-PLY. FIT BLIND-NUTS AS SHOWN IN SIDE ELEVATION.

STAB RETENTION SYSTEM IS SIMILAR TO WING. INSET HARDWOOD DOWEL. TAP TUBE FOR COUNTERSUNK 4-40 BOLT.
GATOR RC STAB ADJUSTERS SHOWN. MOUNT ON LITE-PLY INSETS.

CAP ADJUSTER SOCKETS WITH 1/32" PLY TO PREVENT TUBE MOVEMENT.

NOTE:
SECTION THROUGH CANOPY RETAINER IS SHOWN FULL-SIZE. CANOPY TAB AND ANCHOR PLATE ARE 1/8" AIRCRAFT PLY. SHIM ON FUSE SIDE IS LAMINATED FROM 1/8" LITE-PLY. COUNTERSUNK 4-40 BOLT AND FIT BLIND-NUT AS SHOWN.

SECTION THROUGH RUDDER POST SHOWN. BEVEL EACH SIDE APPROXIMATELY 16° TO 18°. TOTAL DEFLECTION IS 32°.

3" SPINNER

FIRE WALL

FORMER B

FORMER A

FORMER C

REAR FUSE STIFFENERS MAY BE 1/4" Balsa OR COMPOSITE MATERIAL. SEE TEMPLATES THIS SHEET.

3/8" TAIL POST
1/8" BALSA
3/8" BALSA
TAIL POST IS 3/8" BALSA.
HINGE LOCATIONS
1/8" BALSA
RUDDER BEVEL LINE.
3/8" BALSA
1/4" BALSA
GRAIN
1/2" BALSA

FORMER A

FORMER B
STAB INCIDENCE IS 0°

FORMER C
CASE STAB ADJUSTER ACCESS WITH FIBERGLASS ARROW SHAFT. CA IN PLACE AND SAND FLUSH.

INSET 1/2" HARDWOOD DOWEL. USE BRASS TUBING SOCKETS. CA 1/16" TAILWHEEL MUSIC WIRE. GEAR LEGS IN PLACE AFTER FINISHING.

CUT ENGINE AND EXHAUST SYSTEM OPENINGS AS DESIRED. BELLY-PAN COOLING SLOTS ALLOW ACCESS TO HOLD DOWN BOLTS.

MOUNT EXHAUST SYSTEM AS DESIRED.

IMPORTANT NOTE:
WHEN GLUING COMPONENTS TO FIBERGLASS, BE SURE TO FIRST CLEAN THE SURFACE OF THE GLASS PART WITH AN APPROPRIATE SOLVENT SUCH AS ALCOHOL OR ACETONE, AND THEN ROUGHEN WELL WITH SANDPAPER.

OVERALL LENGTH = 78.40"

NOTE:
TAIL WHEEL BENDING PATTERN SHOWN FULL SIZE

SCALE

HALF SIZE

DATE

2/28/97

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SHEET 2 OF 2

RELEASE 2, REV 2

OLYMPIC CLASS

FIVESSSE 2+2

FUSELAGE TOP & SIDE VIEWS