



3/16" DIA. HOLES FOR 3/16" DIA BALL BEARING BALLAST

PLY MOUNTS 1/16" x 1/2" x 1"

3/16" INCIDENCE

RECESS FOR 8 B.A. NUT

APPROX. LOCATION OF C.G. (VERTICAL)

COX T.D. 010 MOTOR-MOUNT WITH NO SIDE OR DOWN THRUST.

FUEL TANK - BRASS SHIM OR LIPSTICK CASE CUT DOWN TO SIZE.

POD SIDES - 1/4" MED. SHEET - GRAIN HORIZONTAL. SAND TO SECTION

MOTOR PYLON - 1/4" HARD Balsa SHEET - GRAIN VERTICAL. SAND TO STREAM-LINE SECTION.

FUSELAGE - 1/4" MEDIUM-HARD Balsa SHEET

0° WING INCIDENCE

FIN - 1/16" LIGHT QUARTER GRAIN Balsa.

SAND TO THIS SECTION.

fuselage

fuselage

wing outer panel

\* POSITION OF PINS FOR RUBBER BANDS

Balsa WEDGES CEMENTED TO UNDERSIDE AT L.E. AND T.E. TO GIVE FIRM AND ACCURATE LOCATION

PLY MOUNT ON FUSELAGE

SAND FUSELAGE TO THIS SECTION

JOINT LINE BETWEEN TWO PARTS OF FUSELAGE

STRENGTHENING PLATE 1/32" PLY. ON BOTH SIDES. CHAMFER EDGES

PLY MOUNTS 1/16" x 1/2" x 1 1/2"

1/8" DIA x 3/4" DOWELS FOR WING FIXING INDICATED THUS: \* L.E. ON TOP OF LOWER SHEET.

BLOCK TIPS - SOFT Balsa

TRAILING EDGE - 3/8" x 1/8" Balsa.

leading plane

SPARS - 1/8" x 1/16" WITH 1/16" Balsa WEBS

LEADING EDGE 1/8" SQ.

L.E. SHEETING 1/32" TOP & BOTTOM.

TIPS - 1/4" SOFT Balsa SHEET

# MCCANN-ARD 27

LEADING EDGE 3/16" SQ Balsa

1/32" SOFT Balsa SHEET TOP AND BOTTOM.

GUSSETS.

outer panel

wing centre panel

SPARS OF 1/16" x 1/8" Balsa WITH WEBS OF 1/16" SHEET Balsa

RIB FROM 1/16" SOFT Balsa SHEET

TRAILING EDGE 1/8" x 1/2" Balsa