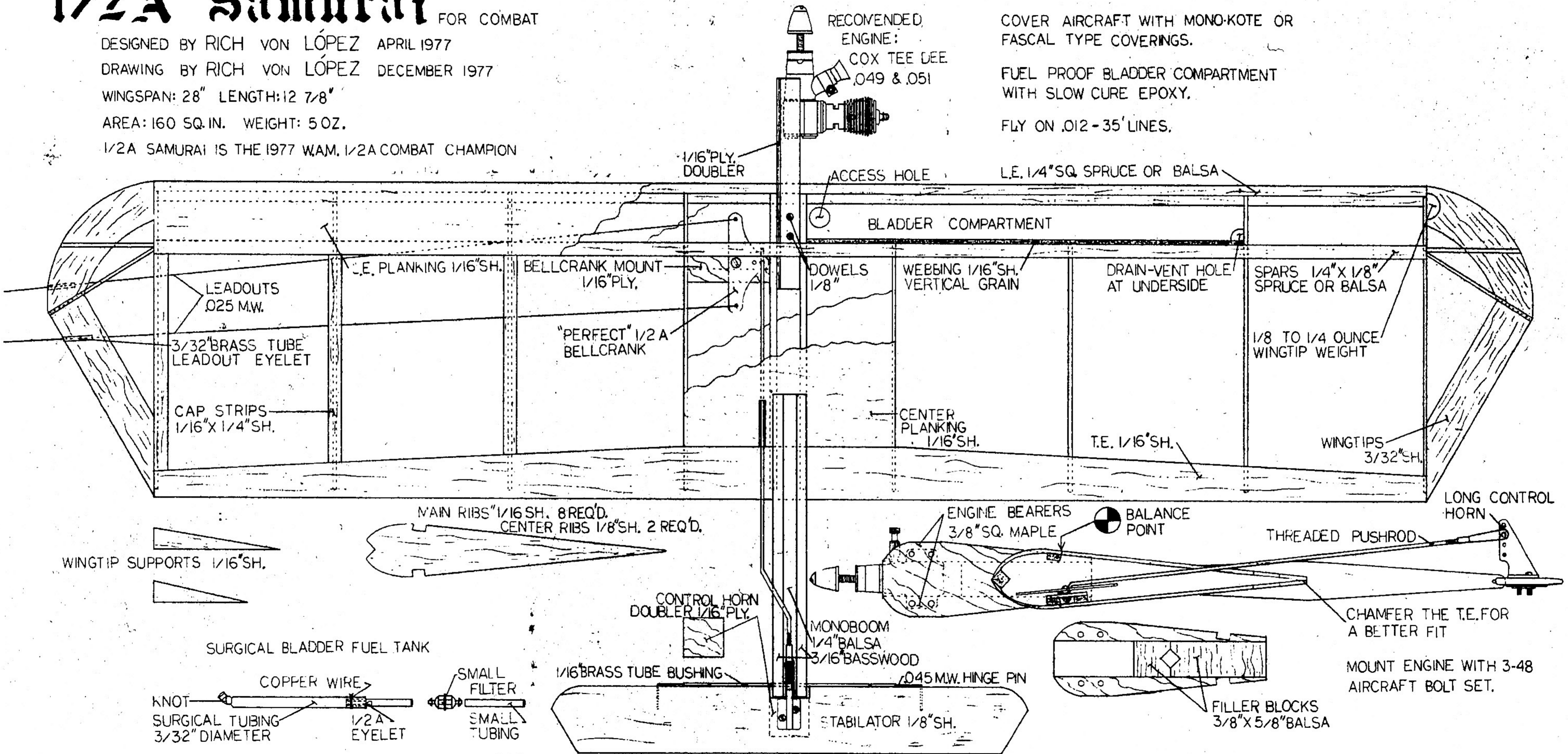


1/2A Samurai FOR COMBAT

DESIGNED BY RICH VON LÓPEZ APRIL 1977
 DRAWING BY RICH VON LÓPEZ DECEMBER 1977
 WINGSPAN: 28" LENGTH: 12 7/8"
 AREA: 160 SQ. IN. WEIGHT: 5 OZ.
 1/2A SAMURAI IS THE 1977 WAM, 1/2A COMBAT CHAMPION

COVER AIRCRAFT WITH MONO-KOTE OR FASCAL TYPE COVERINGS.
 FUEL PROOF BLADDER COMPARTMENT WITH SLOW CURE EPOXY.
 FLY ON .012 - 35' LINES.



RECOMENDED ENGINE:
 COX TEE DEE
 .049 & .051

1/16" PLY DOUBLER

ACCESS HOLE

L.E. 1/4" SQ. SPRUCE OR Balsa

BLADDER COMPARTMENT

LEADOUTS
 .025 M.W.

L.E. PLANKING 1/16" SH.

BELLCRANK MOUNT
 1/16" PLY.

DOWELS
 1/8"

WEBBING 1/16" SH.
 VERTICAL GRAIN

DRAIN-VENT HOLE
 AT UNDERSIDE

SPARS 1/4" X 1/8"
 SPRUCE OR Balsa

1/8 TO 1/4 OUNCE
 WINGTIP WEIGHT

3/32" BRASS TUBE
 LEADOUT EYELET

"PERFECT" 1/2 A
 BELLCRANK

CENTER
 PLANKING
 1/16" SH.

T.E. 1/16" SH.

WINGTIPS
 3/32" SH.

MAIN RIBS 1/16 SH. 8 REQ'D.
 CENTER RIBS 1/8" SH. 2 REQ'D.

WINGTIP SUPPORTS 1/16" SH.

ENGINE BEARERS
 3/8" SQ. MAPLE

BALANCE
 POINT

THREADED PUSHROD

LONG CONTROL
 HORN

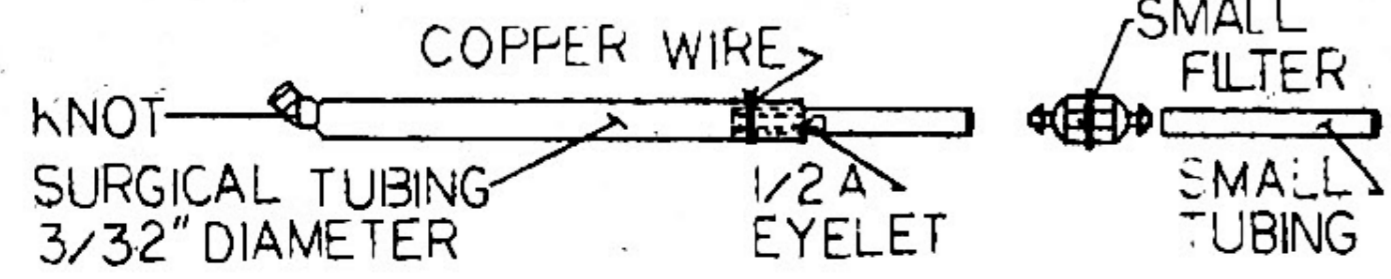
CONTROL HORN
 DOUBLER 1/16" PLY.

MONOBOOM
 1/4" Balsa
 3/16" BASSWOOD

CHAMFER THE T.E. FOR
 A BETTER FIT

MOUNT ENGINE WITH 3-48
 AIRCRAFT BOLT SET.

SURGICAL BLADDER FUEL TANK



1/16" BRASS TUBE BUSHING

.045 M.W. HINGE PIN

STABILATOR 1/8" SH.

FILLER BLOCKS
 3/8" X 5/8" Balsa