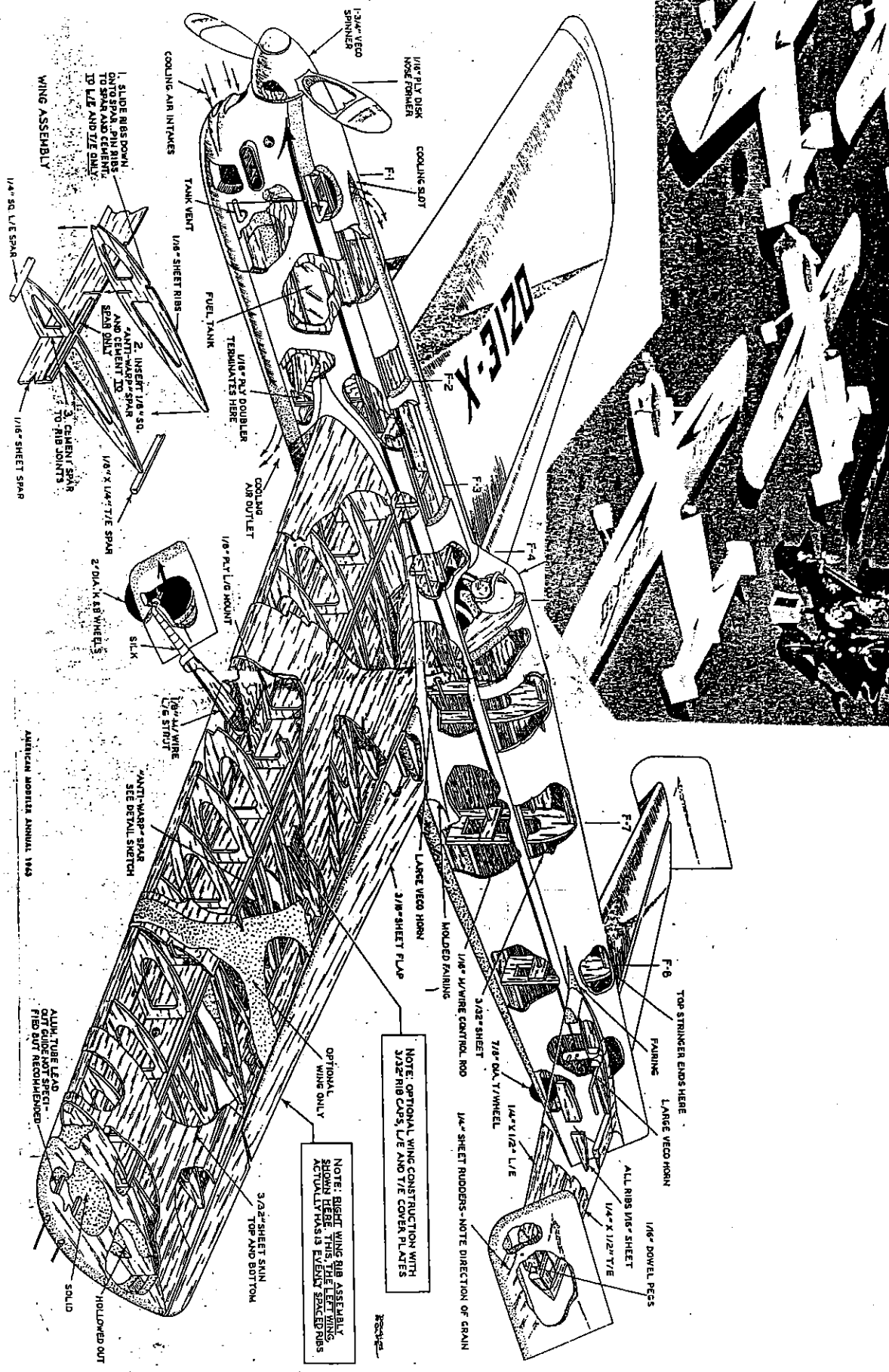




Olympic Mk. VI

By ROBERT C. GALDINI, MILWAUKEE, WISC.



NOTE: RIGHT WING RIB ASSEMBLY SHOWN HERE. THIS THE LEFT WINGS ACTUALLY HAS IS EVENLY SPACED RIBS

NOTE: OPTIONAL WING CONSTRUCTION WITH 3/32" RIB CAPS, L/E AND T/E COVER PLATES

NOTE: OPTIONAL WING RIB ASSEMBLY SHOWN HERE. THIS THE LEFT WINGS ACTUALLY HAS IS EVENLY SPACED RIBS

1. SLIDE RIBSDOWN ON TOP PLATE TO GET SPACING TO L/E AND T/E ONLY. WING ASSEMBLY

2. INSERT 1/8" SQ. ANTI-WARP SPAR AND CEMENT TO SPARS ONLY TO RIB JOINTS

3. DIA. 1/8" WHEELS

ANTI-WARP SPAR SEE DETAIL SKETCH

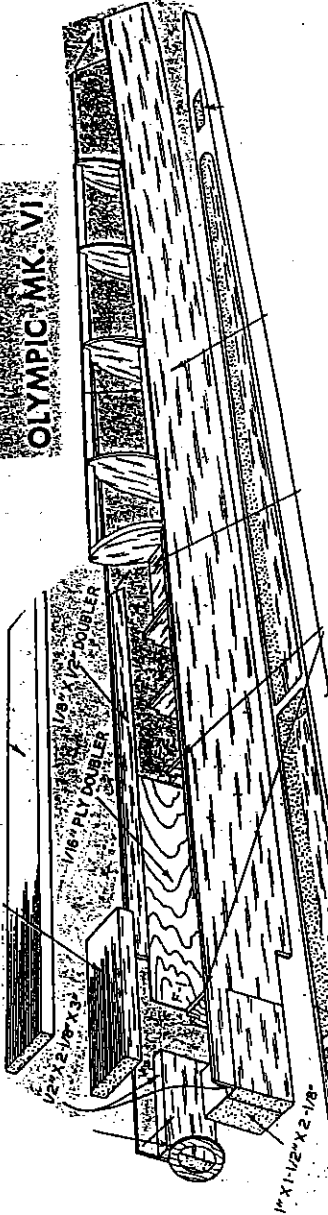
ALL WIRE TIE LEAD CUT GLUE-KNOT SPECIFIED BUT RECOMMENDED

3/32" SHEET SKIN TOP AND BOTTOM

HOLLOWED OUT

SOLID

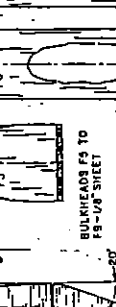
OLYMPIC MK VI



COVER ENTIRE STABILIZER & ELEVATOR WITH SOFT 1/16" SHEET - (OVERLAP CENTER SPARS, BUTT INTO L.E. & T.E.)



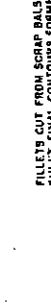
BRASS TUBING - SLIT ONE SIDE LENGTHWISE AND PRY APART, AS SHOWN HERE, UNTIL SQUEEZE WITH PLIERS UNTIL SMOOTH THrust FIT IS HAD. SLIT FACES NEAR WHEN ASSEMBLED.



BRASS RETAINING WASHER SOLDERED TO BELLCRANK DRILLED OUT TO ACCEPT 5/32" BRASS TUBING TO TAKE 5/32" BRASS TUBING (SHOULD BE A PRESS FIT).



LEAVE TOPS OF BULKHEADS OVERSIZE (SEE TEXT) UNLESS SET



BULKHEADS F5 TO F8 - 1/8" SHEET



SLEETS CUT FROM SCRIP BALSA FOR ALL CONTOURS FORMED OF AERO-GLOSS PLASTIC BALSA



TOP HOSE BLOCK 1/2" X 3/8" X 1/2" (VERY HARD)



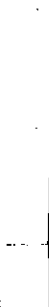
DIAMETER OF COWL - TO ACT AS GUIDE FOR COWL



1/8" PLYWOOD DISK 3/8" VECO EXTENSION SPINNER



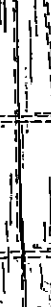
SECTION THROUGH COWL AT HOLD-DOWN BOLT POSITION



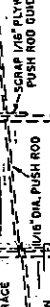
FRONT VIEW OF COWL



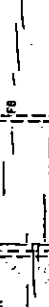
REAR VIEW



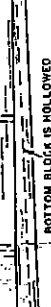
TOP VIEW



SHAPE OF ENGINE COOLING HOLES IS OPTIONAL



TOP VIEW OF LANDING GEAR ALTERNATE



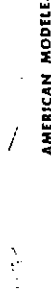
FRONT VIEW OF LANDING GEAR ALTERNATE



SEE TEXT TO DETERMINE LANDING GEAR STRUT LENGTH



45°



COCKPIT FLOOR



STRUT FAIRING - 3/8" X 3/8" STOCK



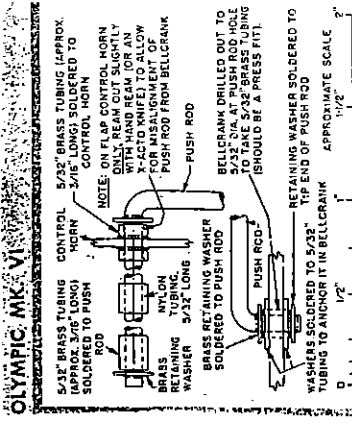
TOP BLOCK - 3/8" X 2" X 1 1/2"



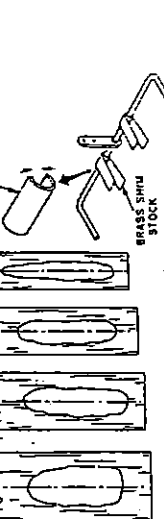
REAR VIEW



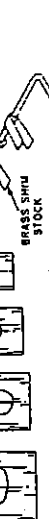
TOP VIEW



5/32 BRASS TUBING CONTROL HORN CONTROL HORN
NOTE: ON FLAP CONTROL HORN ONLY REAM OUT SLIGHTLY WITH HAND REAM (OR AN X-ACTO KNIFE) TO ALLOW PUSH ROD FROM BELLCRANK
BRASS RETAINING WASHER SOLDERED TO PUSH ROD
BELLCRANK DRILLED OUT TO ACCEPT 5/32 BRASS TUBING TO TAKE 5/32 BRASS TUBING (SHOULD BE A PRESS FIT)
RETAINING WASHER SOLDERED TO WASHERS SOLDERED TO 5/32 TIP END OF PUSH ROD TUBING TO ANCHOR IT IN BELLCRANK
APPROXIMATE SCALE 1/2" = 1"



LEAVE TOPS OF BULKHEADS OVERSIZE (SEE TEXT) UNLESS SET
BULKHEADS F5 TO F8 - 1/8" SHEET



SLEETS CUT FROM SCRIP BALSA FOR ALL CONTOURS FORMED OF AERO-GLOSS PLASTIC BALSA



TOP HOSE BLOCK 1/2" X 3/8" X 1/2" (VERY HARD)

DIAMETER OF COWL - TO ACT AS GUIDE FOR COWL

1/8" PLYWOOD DISK 3/8" VECO EXTENSION SPINNER

SECTION THROUGH COWL AT HOLD-DOWN BOLT POSITION

FRONT VIEW OF COWL

REAR VIEW

TOP VIEW

SHAPE OF ENGINE COOLING HOLES IS OPTIONAL

TOP VIEW OF LANDING GEAR ALTERNATE

FRONT VIEW OF LANDING GEAR ALTERNATE

SEE TEXT TO DETERMINE LANDING GEAR STRUT LENGTH

45°

COCKPIT FLOOR

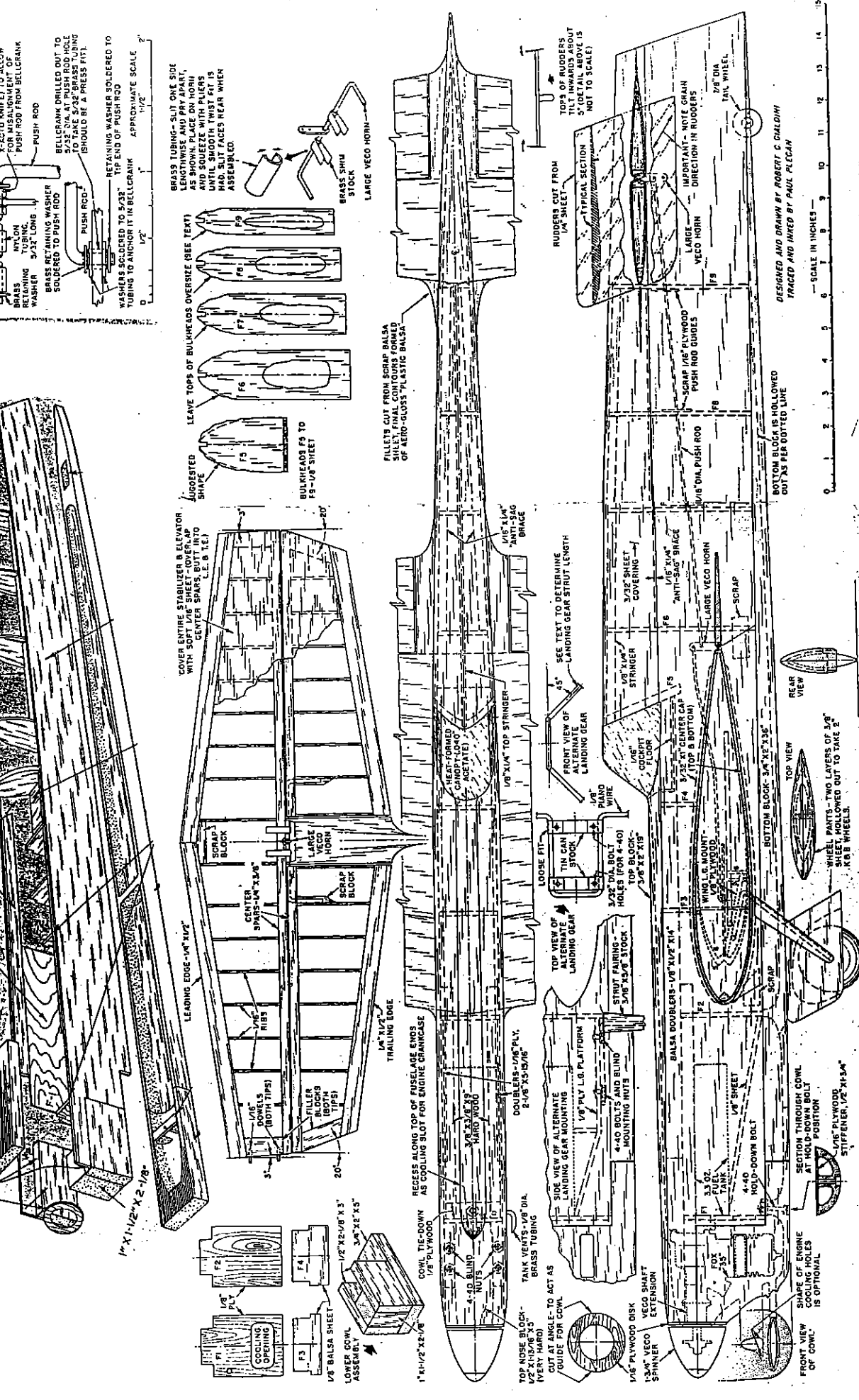
STRUT FAIRING - 3/8" X 3/8" STOCK

TOP BLOCK - 3/8" X 2" X 1 1/2"

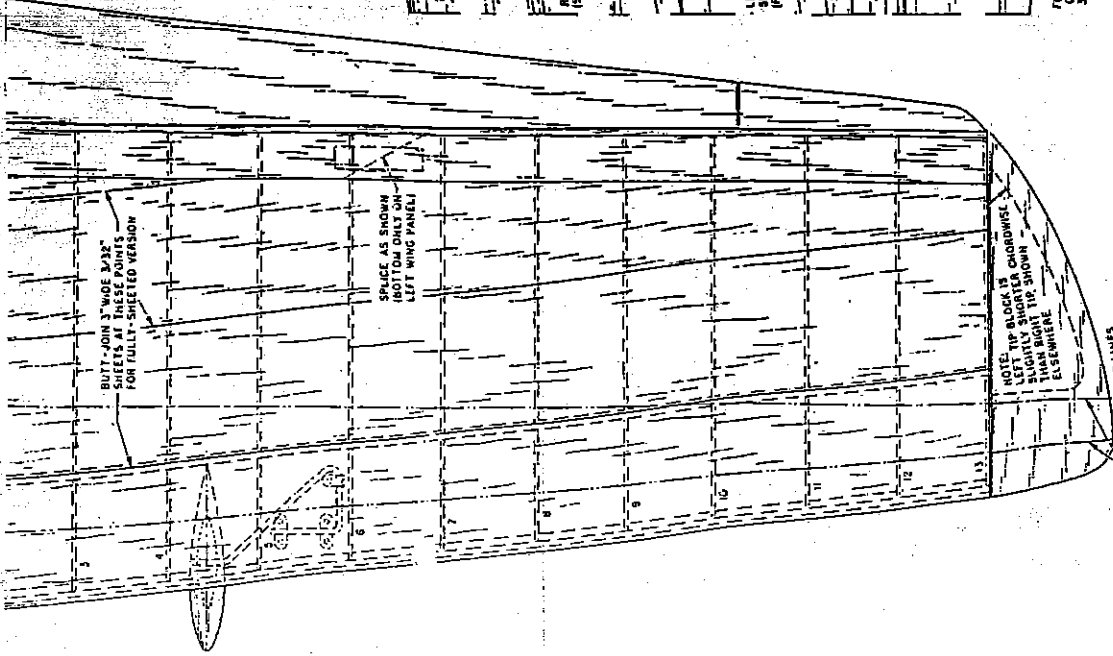
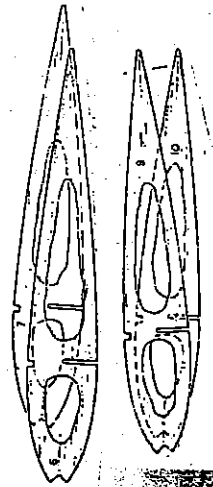
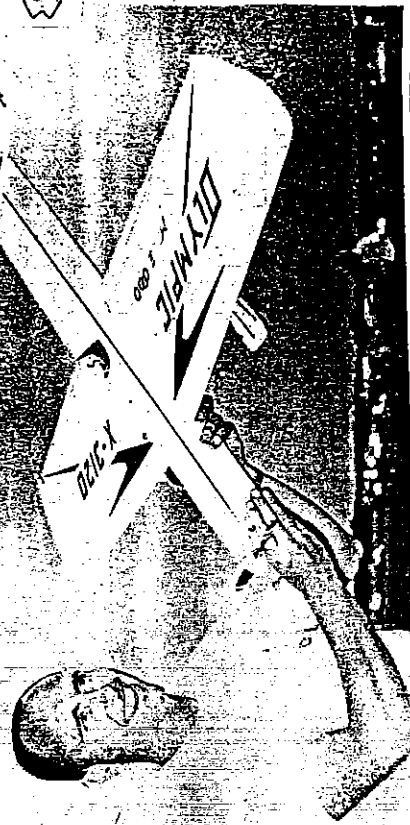
REAR VIEW

TOP VIEW

OLYMPIC MK VI

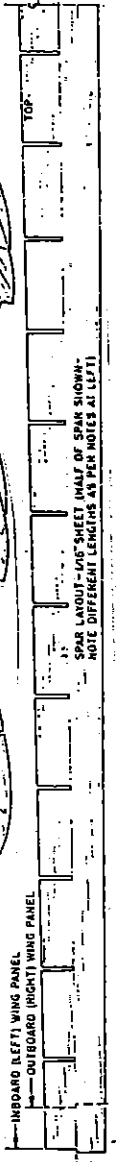
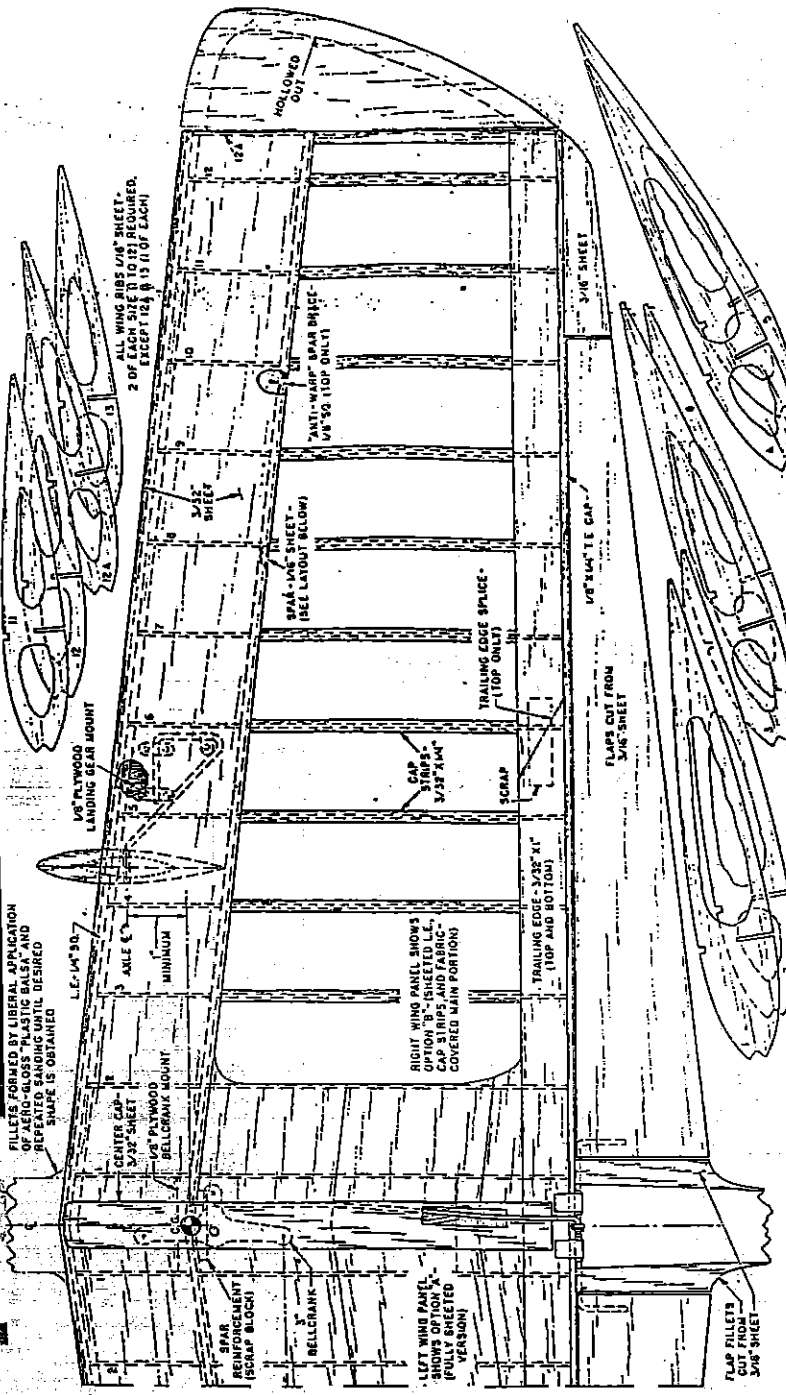


DESIGNED AND DRAWN BY ROBERT C. CALDWELL
TRACED AND INKED BY PAUL PLECAN
— SCALE IN INCHES —
0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15



FILLETTS FORMED BY LIBERAL APPLICATION OF AERO-GLOSS PLASTIC BALSAM AND REPEATED SANDING UNTIL DESIRED SHAPE IS OBTAINED

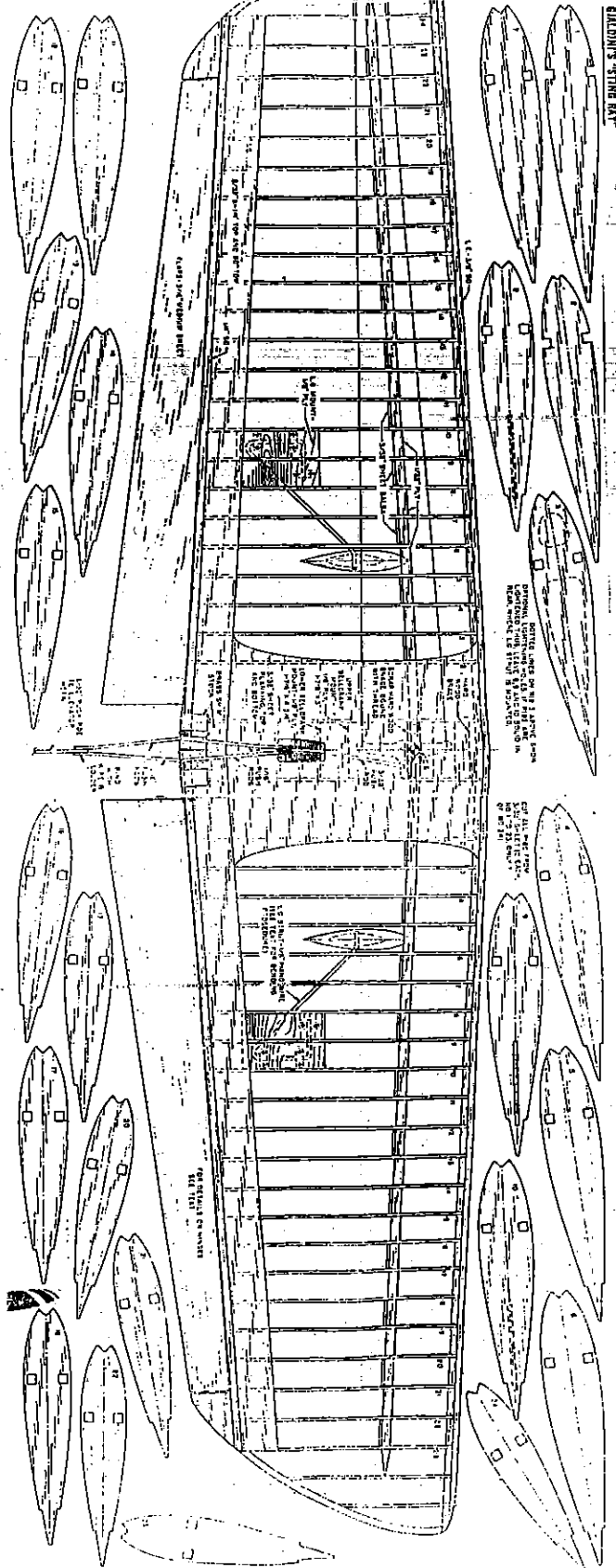
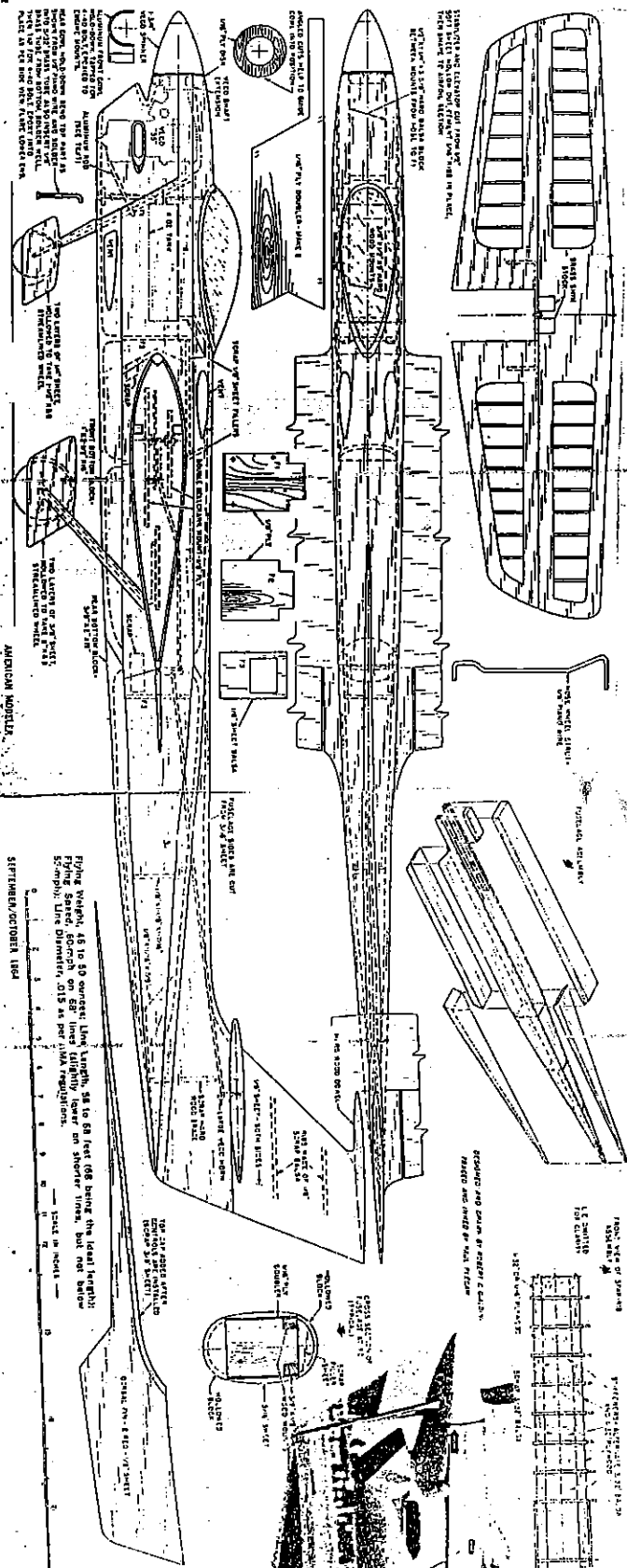
ALL WING RIBS 1/16" SHEET - 2 OF EACH SIZE (1 TO 12) REQUIRED, EXCEPT 12 & 13 (1 OF EACH)



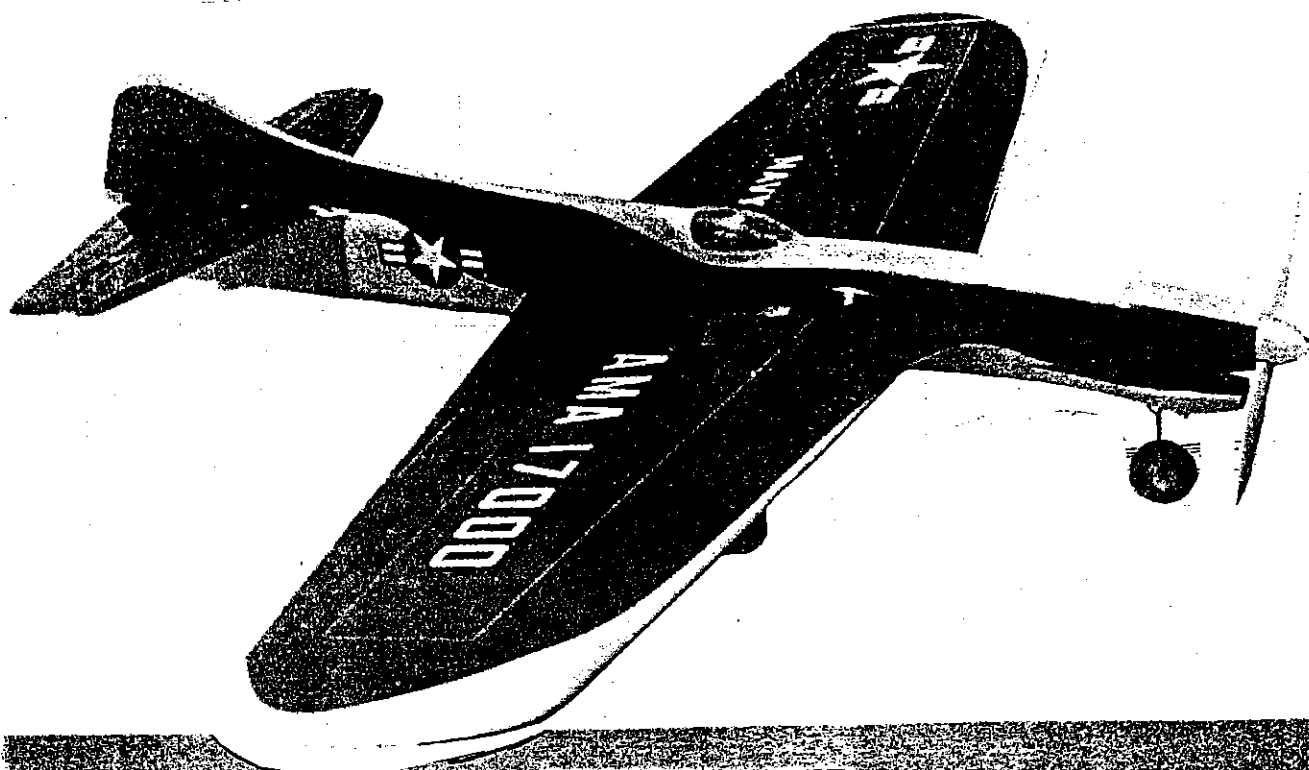
SPACER FOR LEAD-OUT LINES

GIALDINI'S NATIONAL CHAMPIONSHIP "STING RAY"

GIALDINI'S "STING RAY"



**National
Champion
Lew McFarland's
SHARK "45"**



**GIALDINI'S NATIONAL CHAMPIONSHIP
"STING RAY"**

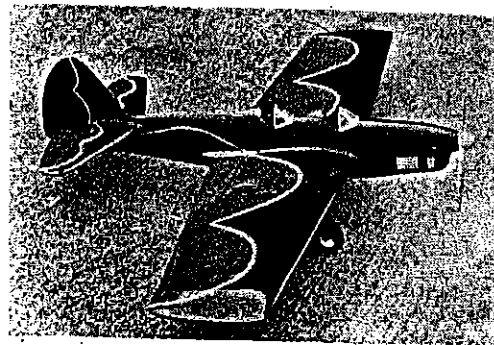
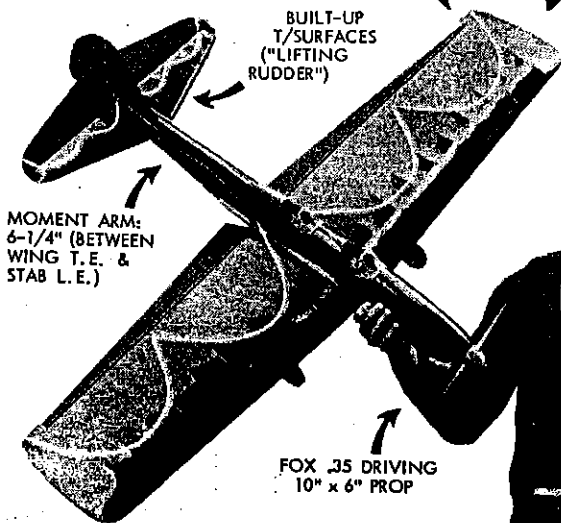
*Winner of America's top trophy award
for Precision Aerobatics, this sleek
fighter-like stunter is a member of
U.S.A. International Team this year
and a good prospect for world honors.*



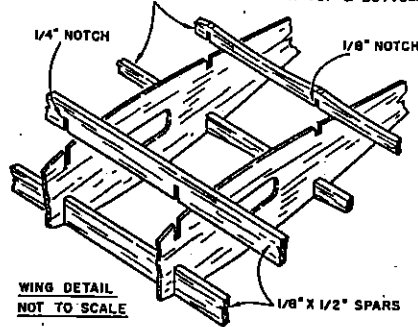
SPAN: 54-3/4" • LENGTH: 38-1/8"
 WING AREA: 570 SQUARE INCHES
 FLAP AREA: 36 SQUARE INCHES
 WEIGHT: 42 OUNCES

BUILT-UP
 WINGS AND
 SHEET FLAPS

NOTE
 WING
 MOUNTED
 L/GEAR



1/8" X 1/4" SPARS - NOTE DISH TOP & BOTTOM

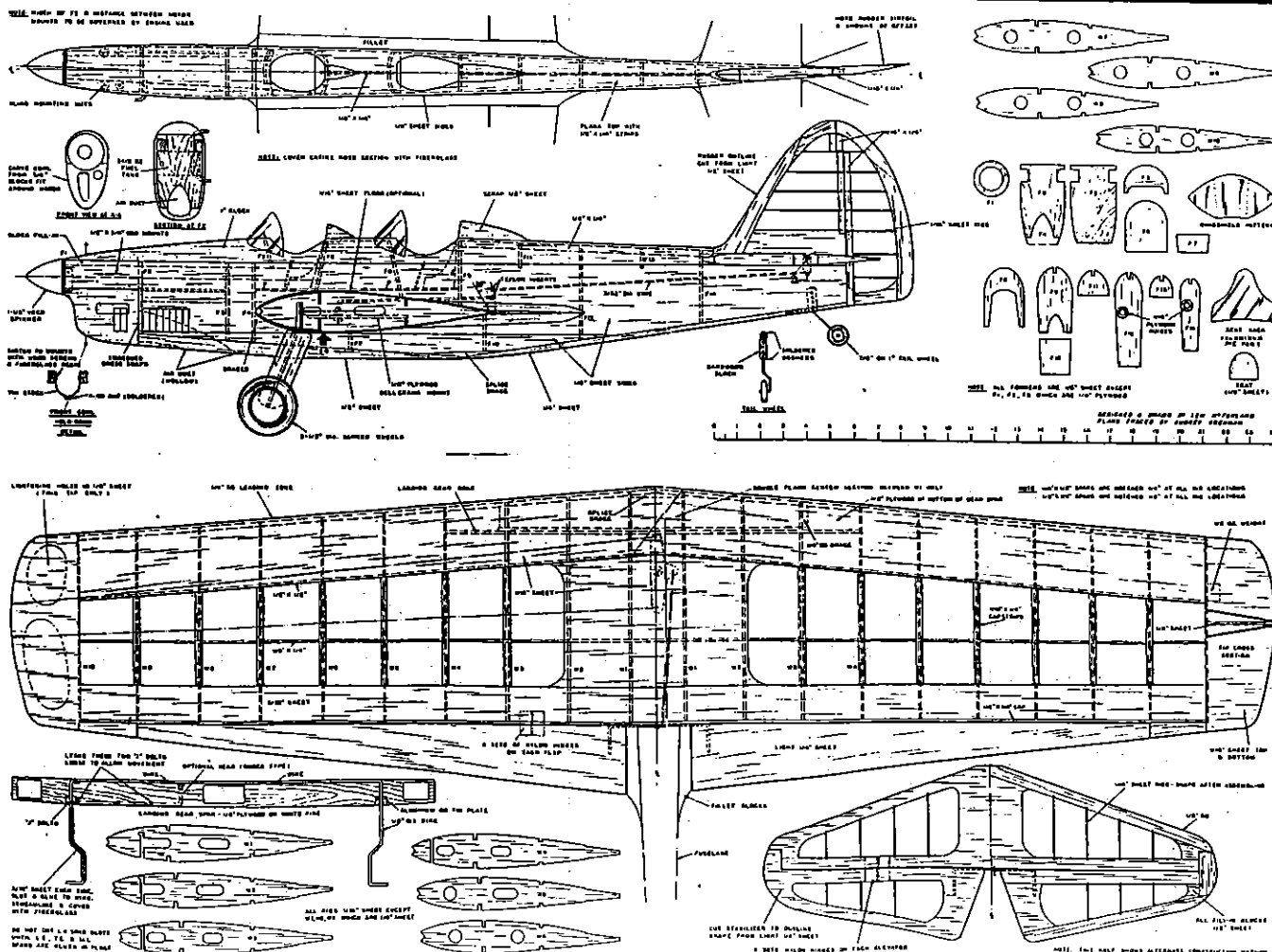


VEGA 35 STUNT

'61 GRAND STUNT CHAMP LEW McFARLAND BASED THIS NEW OPEN-COCKPIT SEMI-SCALE ON THE ATTRACTIVE, BUT LITTLE KNOWN, "VEGA 35" OF THE FORTIES - WHICH WAS MADE BY A SUBSIDIARY OF LOCKHEED VEGA CO., BURBANK, CALIFORNIA

... LEW McFARLAND

Newest C/Line Aerobatic Design by National Champion ...



Tucker Special

