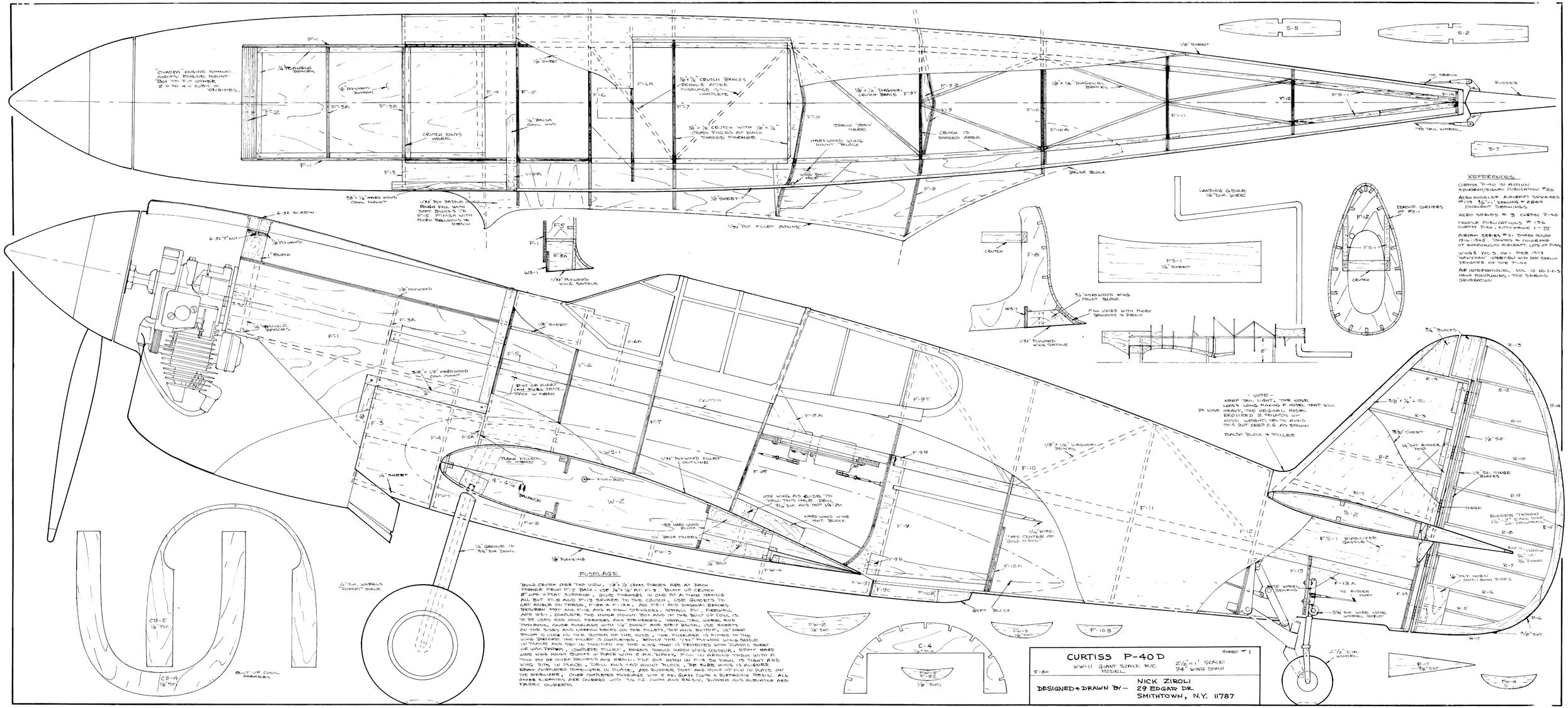


FUSELAGE

BUILD CRUTCH OVER TOP VIEW. 1/8" x 1/2" CROSS PIECES ARE AT EACH FORMER FROM F-5 BACK. USE 3/4 x 1/2" AT F-3. BLOCK UP CRUTCH TO FORM A FLAT SURFACE. GLUE FORMERS IN ONE AT A TIME MAKING ALL BUT F-8 AND F-13 SQUARE TO THE CRUTCH. USE GUSSETS TO SET ANGLE OF THROSE, F-10A + F-13A. ADD FS-1 AND DIAGONAL BRACES. BEVEL F-9T AND F-10 AND A FEW STRINGERS. INSTALL F-1. FIREWALL AND W-1. COMPLETE THE MOTOR MOUNT BOX AND IN THE BUILT UP COWL IS TO BE USED ADD COWL FORMERS AND STRINGERS. INSTALL TAIL WHEEL AND TWIN RODS. COVER FUSELAGE WITH 1/8" SHEET AND STRIP BALSA. USE SHEETS ON THE SIDES AND NARROW PIECES ON THE FILLETS. TOP AND BOTTOM, 1/8" SHEET BALSA IS USED ON THE BOTTOM OF THE NOSE. THE FUSELAGE IS MITRED TO THE WING PRESENT THE FILLET IS COMPLETED. BENDING THE 1/32" PLYWOOD WING SADDLE IN SPACE AND SET IN POSITION ON THE WING THAT IS PROTECTED WITH PLASTIC SHEET OR WAX PAPER. COMPLETE FILLET. EDGES SHOULD MATCH WING CONTOUR. EPOXY HARD WOOD WING MOUNT BLOCKS IN PLACE WITH 5 MIN. EPOXY. FILL IN AROUND THEM WITH A THICK MIX OF MICRO BALLOONS AND RESIN. FILE OUT NOTCH IN F-14 SO DOWEL IS TIGHT AND WING SITS IN PLACE. DRILL AND TAP WING NUT BLOCK. BE SURE WING IS ALIGNED. SPRAY COMPLETED STABILIZER IN PLACE. ADD RUDDER POST AND BOND UP FIN IN PLACE ON THE STABILIZER. COVER COMPLETED FUSELAGE WITH 2 OZ. GLASS CLOTH + SURFACING RESIN. ALL OTHER SURFACES ARE COVERED WITH 3/4 OZ. CLOTH AND RESIN. RUDDER AND ELEVATOR ARE FABRIC COVERED.

REFERENCES

CURTISS P-40 IN ACTION
SQUADRON/SIGNAL PUBLICATION #26

AERO MODELER AIRCRAFT SERVICES #119 1/2" = 1' DRAWING # 2884
ENGLEBART DRAWINGS

AERO SERIES # 3 CURTISS P-40

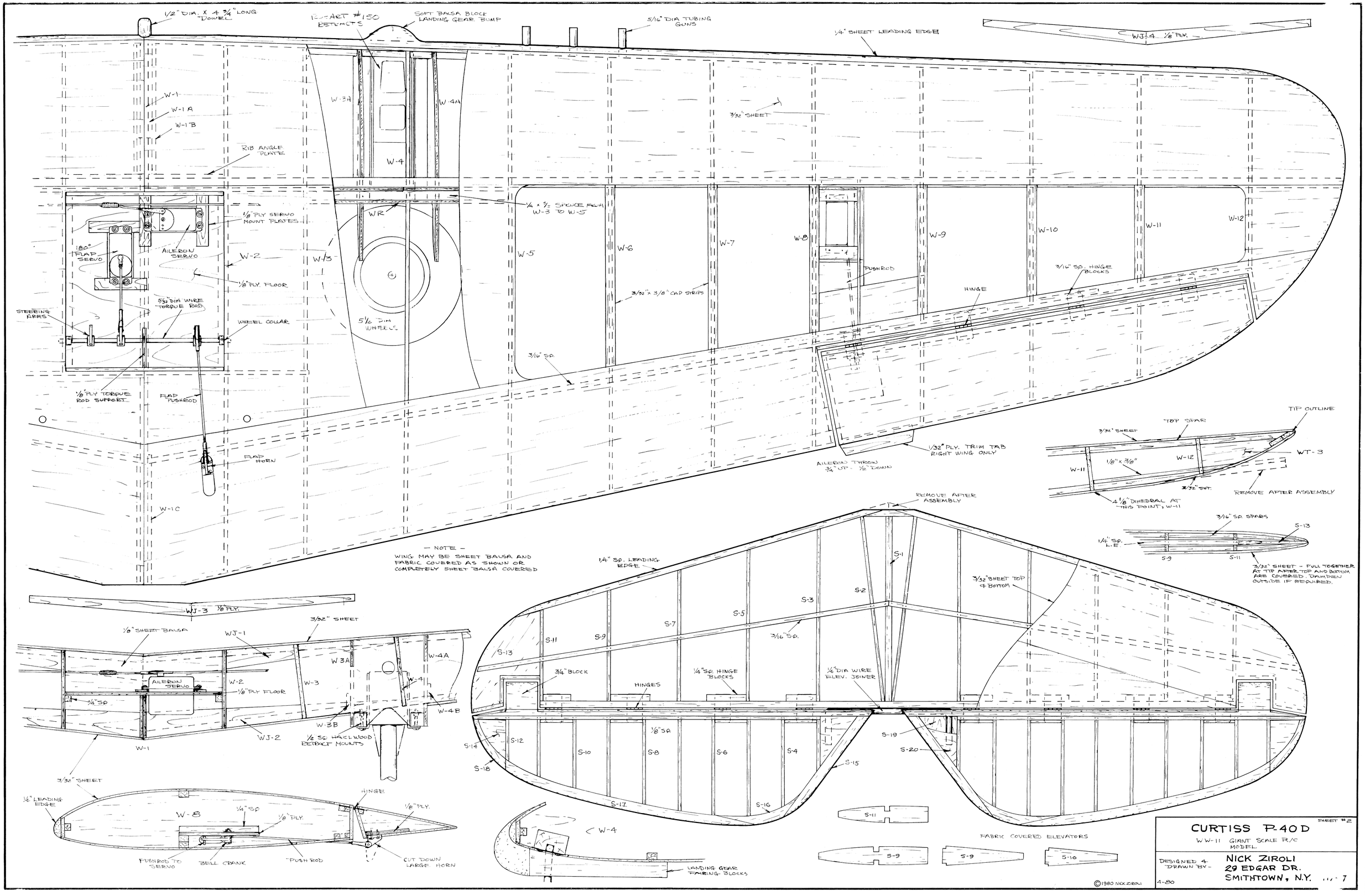
PROFILE PUBLICATIONS # 136
CURTISS P-40, KITTYHAWK I - IV

AIRCAM SERIES # 21: SHARK NOSE 1941-1945. PHOTOS + COLORING OF SHARKMOUTH AIRCRAFT. LOTS OF P-40

WINGS VOL 3, NO 1 FEB 1973
"HAWKEYE" INTERVIEW WITH DON BERLIN DESIGNER OF THE P-40

AIR INTERNATIONAL, VOL. 12, NO. 1, 2, 3
NAVY MOUNTAINEER - THE SHERMAN GENERATION

CURTISS P-40D WW-II GIANT SCALE R/C MODEL	2 1/2" = 1' SCALE 94" WING SPAN	SHEET # 1
5-80	DESIGNED + DRAWN BY — NICK ZIROLI 29 EDGAR DR. SMITHTOWN, N.Y. 11787	


1/2" DIA. X 4 3/4" LONG DOWEL
IDEART #150 RETRACTS
SOFT BALSA BLOCK LANDING GEAR BUMP
5/16" DIA TUBING GUNS
1/4" SHEET LEADING EDGE
WJ-4 1/8" PLY.
W-1
W-1A
W-1B
W-3A
W-4A
W-4
3/32" SHEET
RIB ANGLE PLATE
1/8" PLY SERVO MOUNT PLATES
180° FLAP SERVO
AILERON SERVO
W-2
W-1B
1/8" PLY. FLOOR
1/4 x 3/4 SPRUCE FILL W-3 TO W-5
WR
W-5
W-6
W-7
W-8
W-9
W-10
W-11
W-12
PUSHROD
3/16" SQ. HINGE BLOCKS
HINGE
3/32" x 3/8" CAP STRIPS
5/32" DIA WIRE TORQUE ROD
STEERING ARMS
WHEEL COLLAR
5 1/2 DIA WHEELS
3/16" SQ.
1/8" PLY TORQUE ROD SUPPORT
FLAP PUSHROD
FLAP HORN
W-1C
1/32" PLY. TRIM TAB RIGHT WING ONLY
AILERON THROW 3/4" UP - 1/2" DOWN
TIP OUTLINE
TOP SPAR
3/32" SHEET
WT-3
1/8" x 3/8"
W-11
W-12
3/32" SHT.
REMOVE AFTER ASSEMBLY
1 1/8" DIHEDRAL AT THIS POINT, W-11
3/16" SQ. SPARS
S-13
1/4" SQ. L.E.
S-9
S-11
3/32" SHEET - PULL TOGETHER AT TIP AFTER TOP AND BOTTOM ARE COVERED. TRIM THEN OUTSIDE IF REQUIRED.
- NOTE -
WING MAY BE SHEET BALSA AND FABRIC COVERED AS SHOWN OR COMPLETELY SHEET BALSA COVERED
WJ-3 1/8" PLY.
1/8" SHEET BALSA
WJ-1
3/32" SHEET
W 3A
W-4A
AILERON SERVO
W-2
1/8" PLY FLOOR
W-3
W-4
1/4" SQ
W-4B
W-3B
WJ-2
1/2 SQ HACLWOOD RETRACT MOUNTS
W-1
1/4" SQ. LEADING EDGE
S-1
S-2
S-3
S-5
S-7
S-9
S-11
S-13
3/32" SHEET TOP & BOTTOM
3/16" SQ.
3/4" BLOCK
HINGES
1/4" SQ. HINGE BLOCKS
1/4" DIA WIRE ELEV. JOINER
1/8" SQ
S-12
S-14
S-18
S-10
S-8
S-6
S-4
S-15
S-19
S-20
S-17
S-16
3/32" SHEET
1/4" LEADING EDGE
W-8
1/4" SQ
1/8" PLY.
HINGE
1/8" PLY.
PUSHROD TO SERVO
BELL CRANK
PUSH ROD
CUT DOWN LARGE HORN
W-4
LANDING GEAR FAIRING BLOCKS
S-11
S-9
S-9
S-10
FABRIC COVERED ELEVATORS
SHEET #2
CURTISS P-40D
WW-II GIANT SCALE R/C MODEL
DESIGNED & DRAWN BY - NICK ZIROLI
29 EDGAR DR.
SMITHTOWN, N.Y.
4-80
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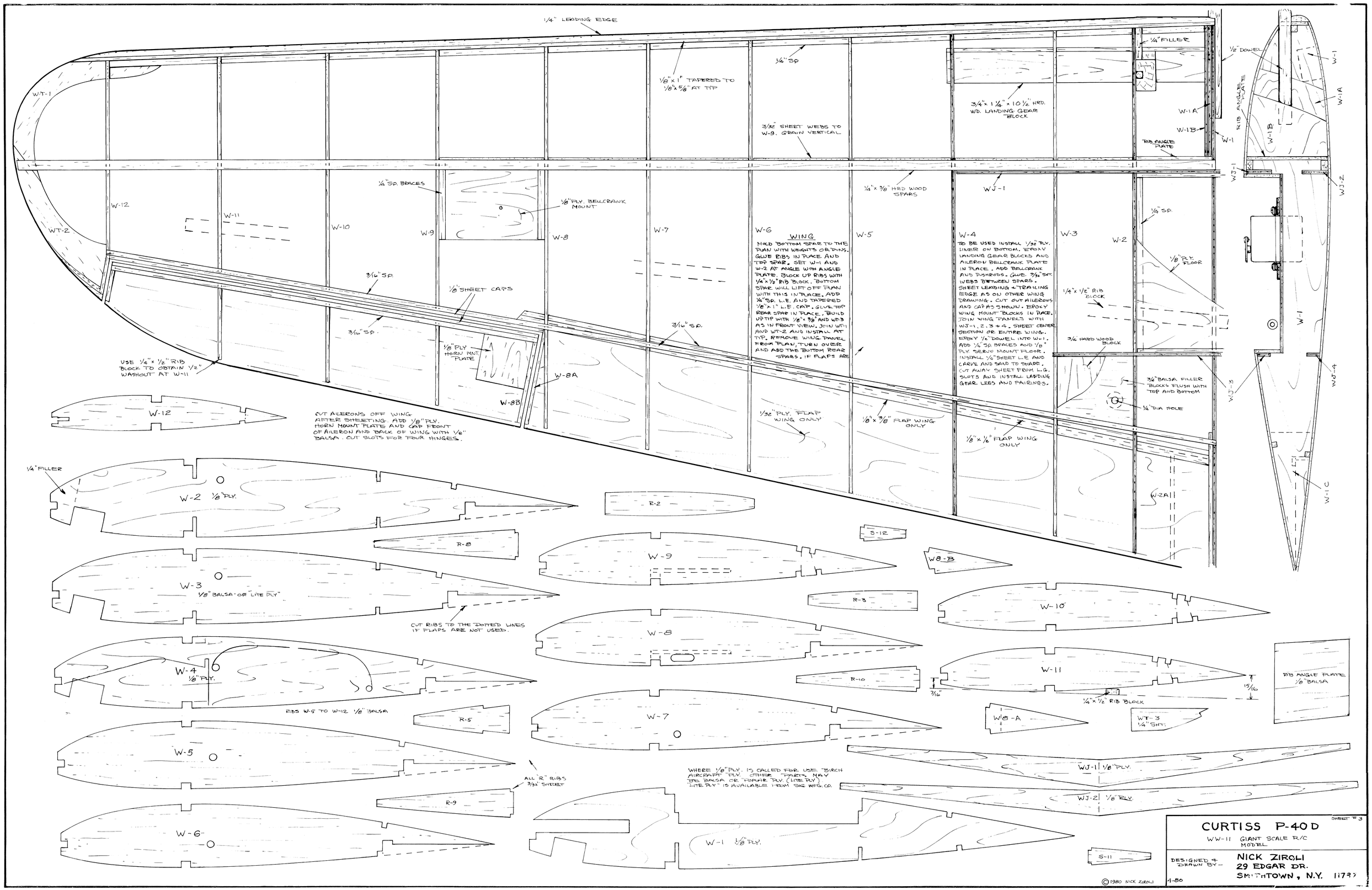


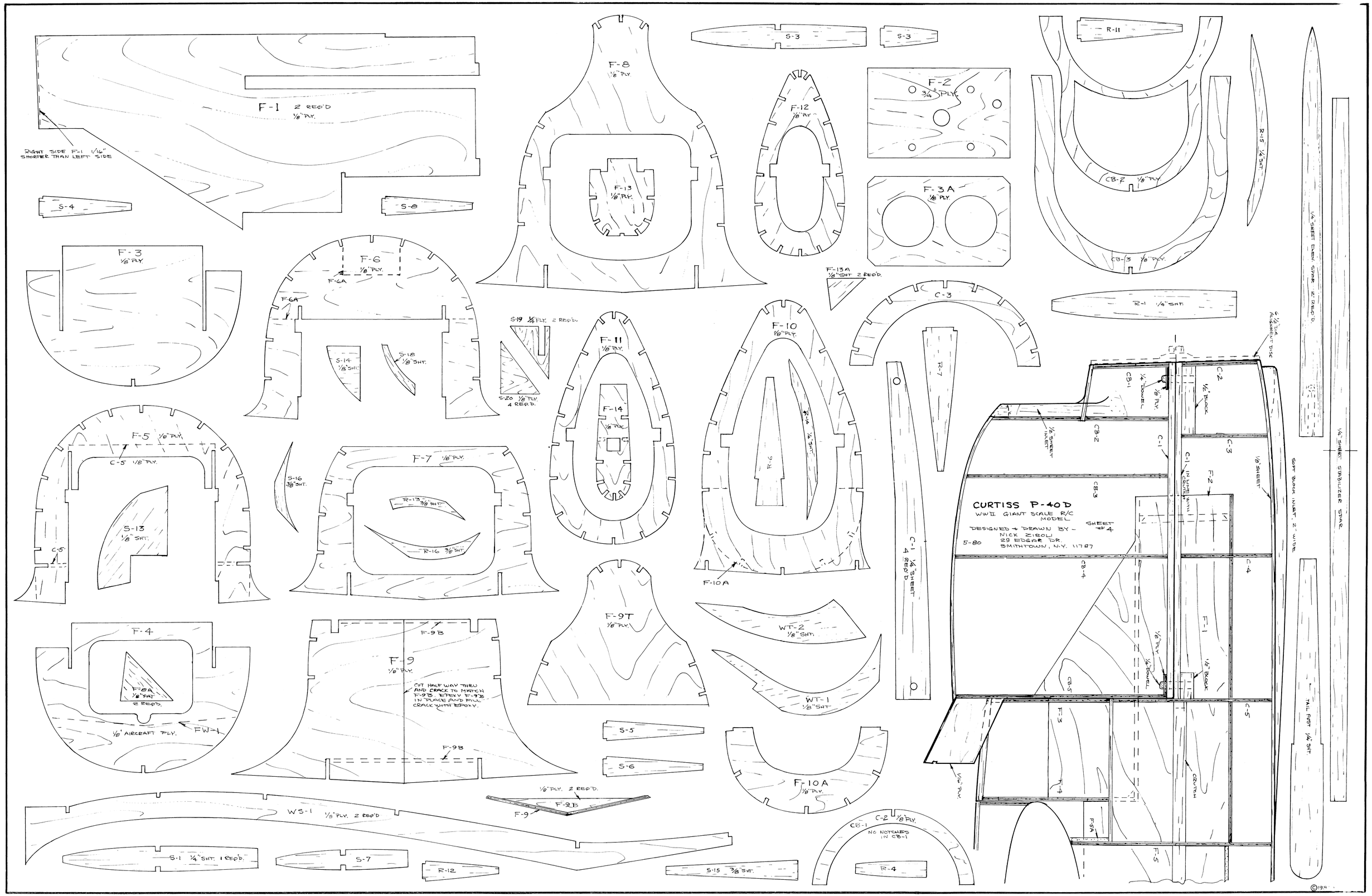
SHEET # 3

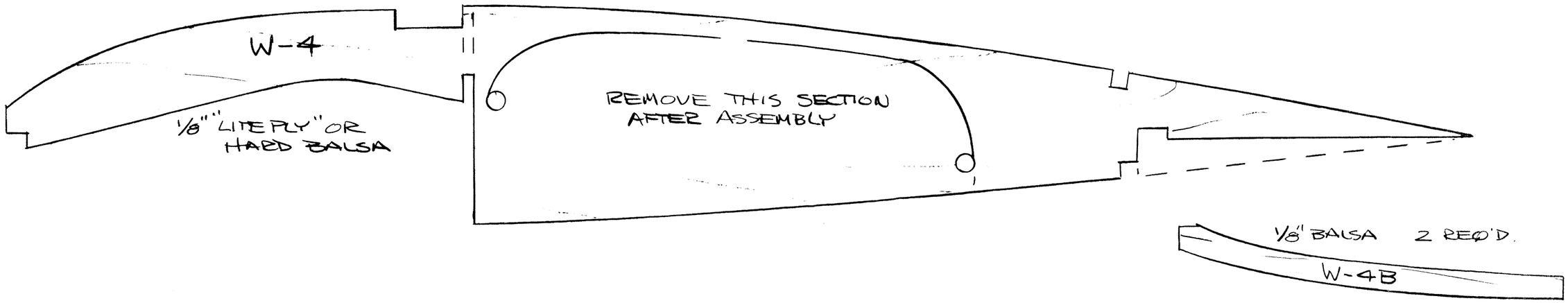
CURTISS P-40 D

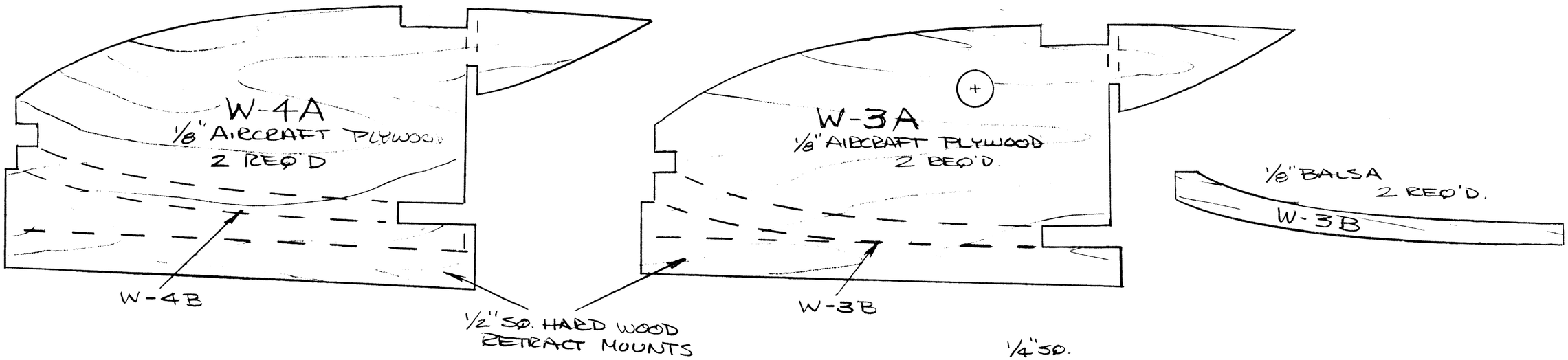
WW-II GIANT SCALE R/C MODEL

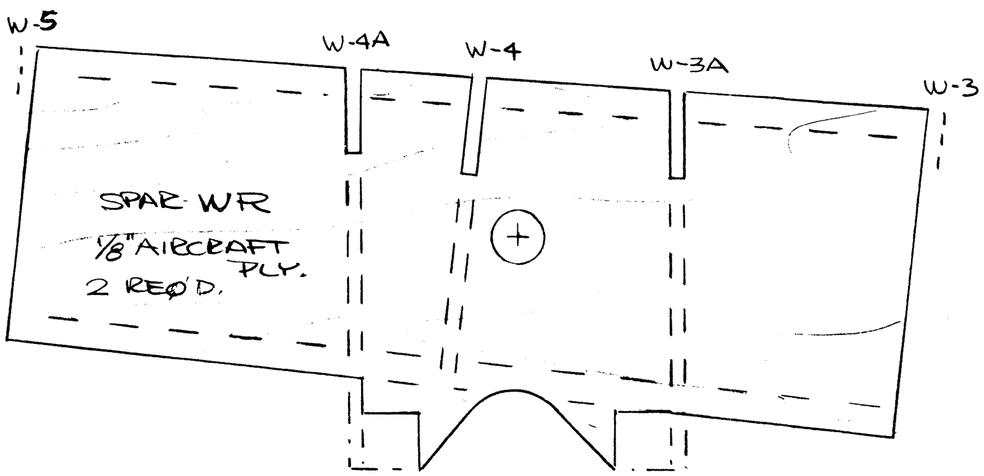
DESIGNED & DRAWN BY — NICK ZIROLI
29 EDGAR DR.
SMITHTOWN, N.Y. 11787

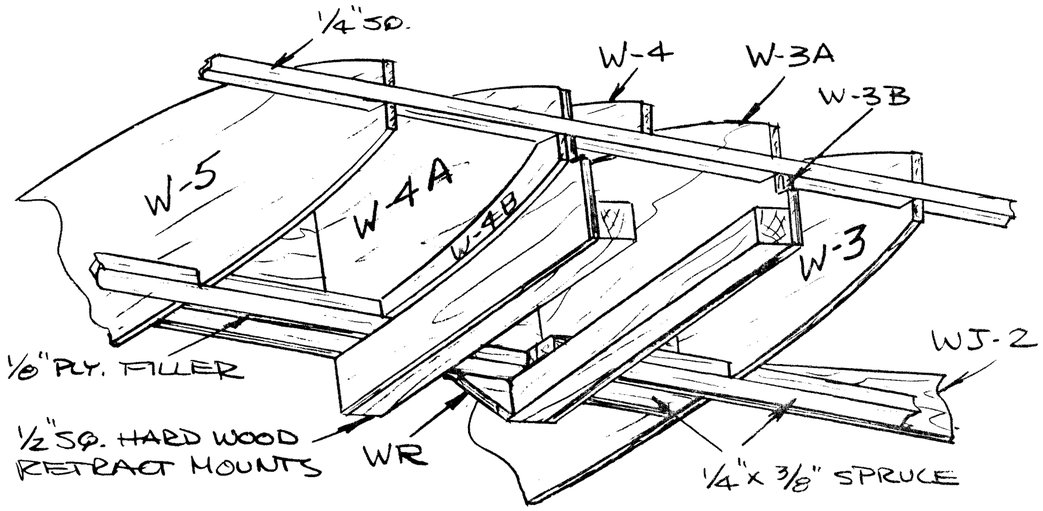
4-80


F-1 2 REQ'D 1/8" PLY.
RIGHT SIDE F-1 1/16" SHORTER THAN LEFT SIDE
S-4
S-8
F-8 1/8" PLY.
F-13 1/8" PLY.
S-3
S-3
F-12 1/8" PLY.
F-2 3/4" PLY.
F-3A 1/8" PLY.
R-11
CB-2 1/8" PLY.
CB-3 1/8" PLY.
R-15 1/4" SHT.
1/4" SHEET ENTRY SPAR 2" REQ'D.
1/4" SHEET STABILIZER SPAR
SET BLOCK INLET 2" WIDE
TAIL POST 1/4" SHT.
F-3 1/8" PLY.
F-6 1/8" PLY.
F-6A
F-6A
S-14 1/8" SHT.
S-18 1/8" SHT.
S-19 1/4" PLY. 2 REQ'D.
S-20 1/8" PLY. 4 REQ'D.
F-13A 1/8" SHT. 2 REQ'D.
C-3
R-1 1/4" SHT.
F-11 1/8" PLY.
F-14 1/8" PLY.
F-10 1/8" PLY.
R-14 1/4" SHT.
R-6
R-7
F-10A
C-1 1/4" SHEET 4 REQ'D
F-5 1/8" PLY.
C-5 1/8" PLY.
S-13 1/8" SHT.
C-5
S-16 3/8" SHT.
F-7 1/8" PLY.
R-13 3/8" SHT.
R-16 3/8" SHT.
F-9T 1/8" PLY.
WT-2 1/8" SHT.
WT-1 1/8" SHT.
F-4
F-8A 1/8" SHT. 2 REQ'D.
1/8" AIRCRAFT PLY.
FW-1
F-9B
F-9 1/8" PLY.
CUT HALF WAY THRU AND CRACK TO MATCH F-9B. EPOXY F-9B IN PLACE AND FILL CRACK WITH EPOXY.
F-9B
S-5
S-6
F-10A 1/8" PLY.
1/8" PLY. 2 REQ'D.
F-9B
F-9
WS-1 1/8" PLY. 2 REQ'D.
S-1 1/4" SHT. 1 REQ'D.
S-7
R-12
S-15 3/8" SHT.
C-2 1/8" PLY.
CB-1
NO NOTCHES IN CB-1
R-4
CURTISS P-40D
WWII GIANT SCALE R/C MODEL
DESIGNED + DRAWN BY -
NICK ZIROLI
29 EDGAR DR.
SMITHTOWN, N.Y. 11787
SHEET #4
5-80
1/4" DOWEL
1/8" PLY.
1/2" BLOCK
1/4" SHEET INLET
1/8" SHEET
1/8" PLY.
1/4" DOWEL
1/8" BLOCK
CRUTCH
1/8" PLY.
F-5A
CB-1
CB-2
CB-3
CB-4
CB-5
C-1
C-2
C-3
C-4
C-5
F-1
F-2
F-3
F-4
F-5
©1985









ASSEMBLE WING STRUCTURE OMITTING SPAR WR, W-3A+B AND W-4A+B. AFTER FRAMEWORK IS REMOVED FROM THE BUILDING BOARD ADD THE ABOVE PARTS AND 1/2" SQ. HARDWOOD MOUNTS. SHEET THE BOTTOM OF THE WING. BLOCK UP OFF BOARD TO CLEAR RETRACT MOUNTS WITH 1/4" x 1/2" WASH OUT STRIPS IN PLACE AND COVER THE TOP OF THE WING.

NICK ZIROLI PLANS

P-40 PARTS FOR RETRACT INSTALLATION
ROBART # 150