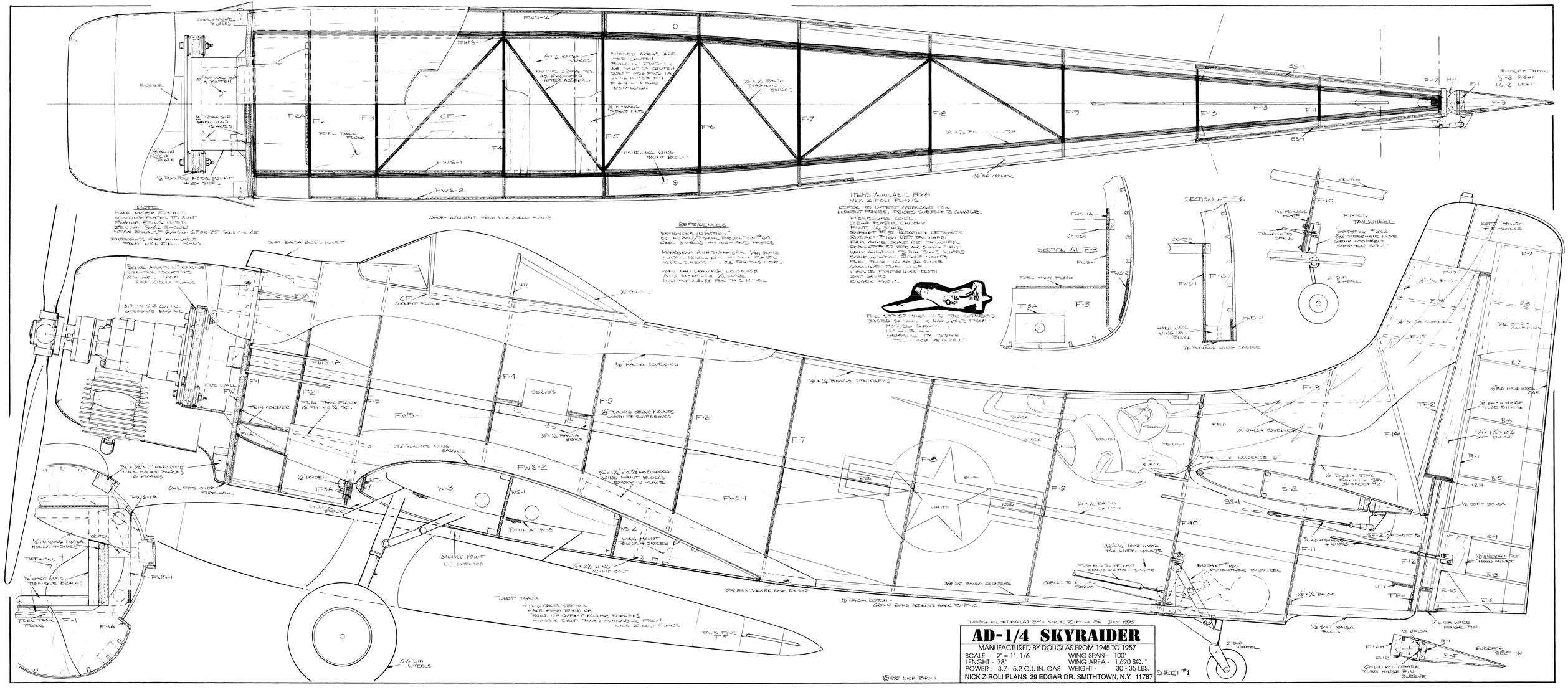
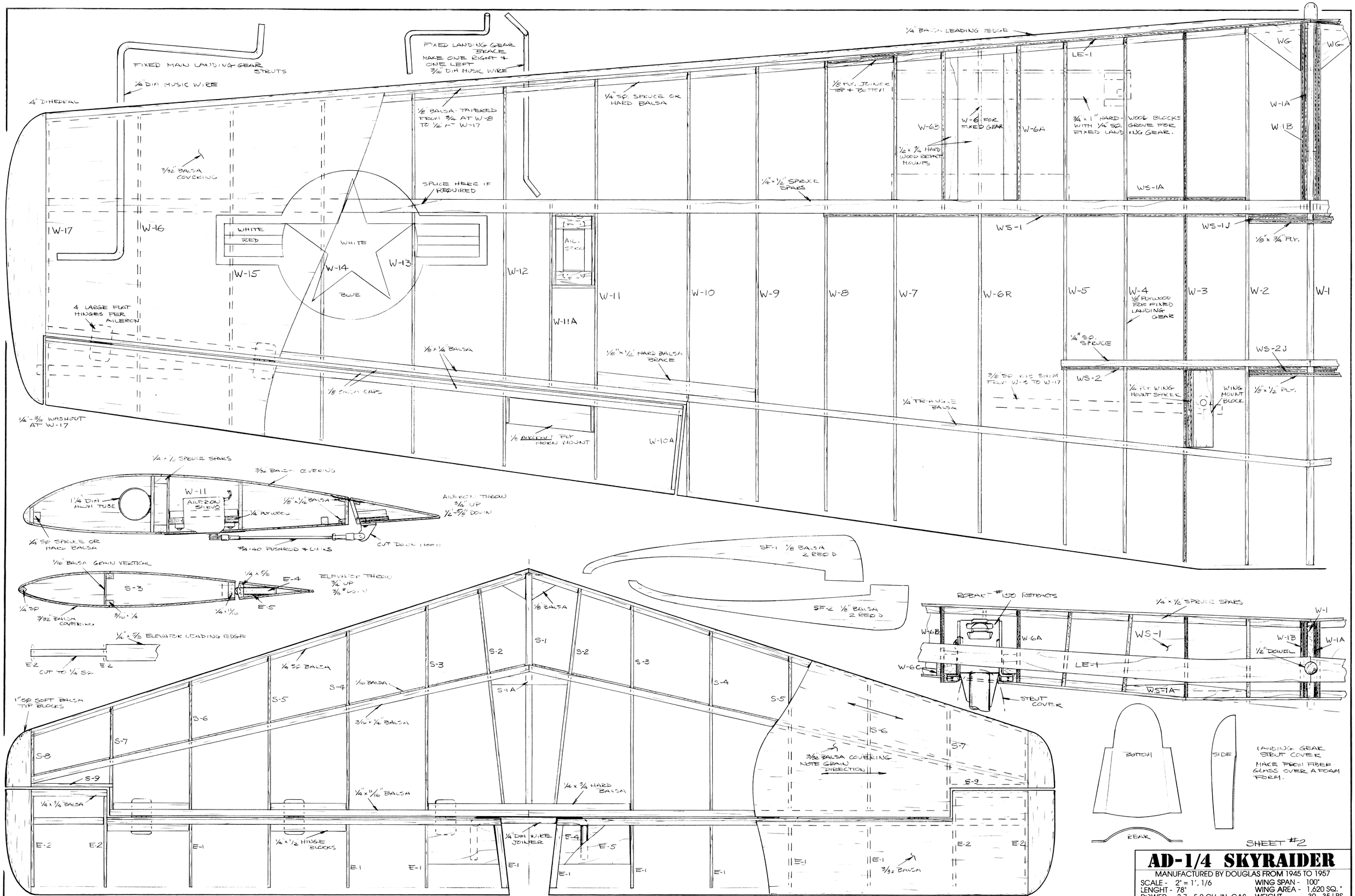

NOTE
HAVE MOTOR BOX ALL MOUNTING PLATES TO SUIT ENGINE BEING USED
ZEIGLER G-62 SHOWN
KOVAC EXHAUST SHOWN 650X 75° SIDE CHOKE
FIBERGLASS COWL AVAILABLE FROM NICK ZIROLI PLANS
CANOPY AVAILABLE FROM NICK ZIROLI PLANS
REFERENCES
"SKYRAIDER IN ACTION" SC-AC-20W/SIGNAL PUBLICATION #60.
GOOD BY WELLS, HITTON AND HASTINGS
HOUGOUMI A-1H SKYRAIDER 1/48 SCALE PLASTIC MODEL KIT. MULTIPLY PLASTIC MODEL DIMENSIONS X.8 FOR THIS MODEL.
KOKU FAN LANDING GEAR 1/53 A-1J SKYRAIDER 1/4 SCALE MULTIPLY X 0.33 FOR THIS MODEL
ITEMS AVAILABLE FROM NICK ZIROLI PLANS
REFER TO LATEST CATALOGS FOR CURRENT PRICES, PRICES SUBJECT TO CHANGE.
FIBERGLASS COWL
CLEAR PLASTIC CANOPY
PILOT 1/4 SCALE
ROBART #150 RETRACTING RETRACTS
ROBART #160 FIXED TAILWHEEL
EARL ANNIE SCALE FIXED TAILWHEEL
ROBART #157 FIXED AIR SUPPORT KIT
VARY AVIATION 2 1/2 DIA SCALE WHEELS
SCALE AVIATION ENGINE MOUNTS
FUEL TANK, 16 OR 24 OZ. SIZE
GASOLINE FUEL LINE
1 OUNCE FIBERGLASS CLOTH
ZAP GLUES
ZINGER PROPS
ALL SPECIFICATIONS ARE INTERPRETED BASED SEPARATELY AVAILABLE FROM MODELS GRAPHICS
121 S. 5th
MEMPHIS, TN 75946
TEL: 409-787-2512
SECTION AT F-3
SECTION AT F-6
FIXED TAILWHEEL
DROP TANK
WING CROSS SECTION
HAVE FUEL TANK CG
BUILD UP OVER CARDWARE FORMERS
PLASTIC DROP TANKS AVAILABLE FROM NICK ZIROLI PLANS
DESIGNED & DRAWN BY - NICK ZIROLI SR. JULY 1995
AD-1/4 SKYRAIDER
MANUFACTURED BY DOUGLAS FROM 1945 TO 1957
SCALE - 2" = 1', 1/6
LENGHT - 78"
POWER - 3.7 - 5.2 CU. IN. GAS
WING SPAN - 100"
WING AREA - 1,620 SQ. "
WEIGHT - 30 - 35 LBS.
NICK ZIROLI PLANS 29 EDGAR DR. SMITHTOWN, N.Y. 11787
SHEET #1
©1995 NICK ZIROLI


FIXED MAIN LANDING GEAR STRUTS
1/4" DIA MUSIC WIRE
FIXED LANDING GEAR BRACE
MAKE ONE RIGHT & ONE LEFT
3/16" DIA MUSIC WIRE
1/4" BALSA LEADING EDGE
4" DIHEDRAL
1/8" BALSA TAPERED FROM 3/4" AT W-8 TO 1/2" AT W-17
1/4" SQ. SPRUCE OR HARD BALSA
1/8" PLY. JOINER TOP + BOTTOM
W-6B
W-6 FOR FIXED GEAR
W-6A
3/4" x 1" HARD WOOD BLOCKS WITH 1/4" SQ. GROVE FOR FIXED LANDING GEAR.
LE-1
WG
WG
W-1A
W-1B
3/32" BALSA COVERING
1/2" x 3/4 HARD WOOD RETRACT MOUNTS
SPLICE HERE IF REQUIRED
1/4" x 1/2" SPRUCE SPARS
WS-1A
WS-1
WS-1J
1/8" x 3/4" PLY.
W-17
W-16
WHITE
RED
WHITE
BLUE
W-15
W-14
W-13
W-12
AIL. SPAR
W-11
W-10
W-9
W-8
W-7
W-6R
W-5
W-4
1/8" PLYWOOD FOR FIXED LANDING GEAR
W-3
W-2
W-1
4 LARGE FLAT HINGES PER AILERON
1/8" x 1/4" BALSA
1/8" x 1/2" HARD BALSA BRACE
1/4" SQ. SPRUCE
WS-2J
3/8" SQ. PINE SHIM FROM W-3 TO W-17
WS-2
1/4" PLY WING MOUNT SPACER
WING MOUNT BLOCK
1/8" x 1/2" PLY.
1/8" SPACER CAPS
1/4" TRIANGULE BALSA
1/4"-3/8 WASHOUT AT W-17
1/8" AILERON PLY HORN MOUNT
W-10A
1/4" x 1/2 SPRUCE SPARS
3/32" BALSA COVERING
W-11
1 1/4" DIA ALUM TUBE
AILERON SLEEVE
1/8" x 1/4" BALSA
1/4" PLYWOOD
AILERON THROW
3/4" UP
1/2"-5/8" DOWN
1/4" SQ SPRUCE OR HARD BALSA
#4-40 PUSHROD & LINKS
CUT DOWN (HORN)
1/16" BALSA GRAIN VERTICAL
S-3
1/4" x 5/8
E-4
ELEVATOR THROW
3/4" UP
3/4" DOWN
E-5
1/4" SQ
3/32" BALSA COVERING
3/16" x 1/4
1/4" x 11/16
1/4" x 3/8 ELEVATOR LEADING EDGE
E-2
E-2
CUT TO 1/4" SQ.
SF-1 1/8 BALSA 2 REQ'D
SF-2 1/8" BALSA 2 REQ'D
1/8" BALSA
S-1
S-2
S-2
S-3
S-3
S-4
S-5
S-5
S-6
S-7
S-8
S-9
1/4" SQ BALSA
1/16 BALSA
S-1A
3/16" x 1/4" BALSA
1/4" x 11/16" BALSA
1/4" x 3/4 HARD BALSA
1/4" x 3/4 BALSA
1/4" x 1/2 HINGE BLOCKS
1/4" DIA WIRE JOINER
E-1
E-1
E-1
E-1
E-1
E-1
E-1
E-1
E-2
E-2
E-2
E-2
E-4
E-5
3/32 BALSA
1" SQ SOFT BALSA TIP BLOCKS
3/32 BALSA COVERING NOTE GRAIN DIRECTION
ROBART #100 RETRACTS
1/4" x 1/2 SPRUCE SPARS
W-1
W-6B
W-6A
WS-1
W-1B
W-1A
1/2" DOWEL
W-6C
LE-1
WS-1A
STRUT COVER
BOTTOM
SIDE
REAR
LANDING GEAR STRUT COVER
MAKE FROM FIBER GLASS OVER A FOAM FORM.
SHEET #2
AD-1/4 SKYRAIDER
MANUFACTURED BY DOUGLAS FROM 1945 TO 1957
SCALE - 2" = 1', 1/6
LENGHT - 78"
POWER - 3.7 - 5.2 CU. IN. GAS
WING SPAN - 100"
WING AREA - 1,620 SQ. "
WEIGHT - 30 - 35 LBS.
NICK ZIROLI PLANS 29 EDGAR DR. SMITHTOWN, N.Y. 11787
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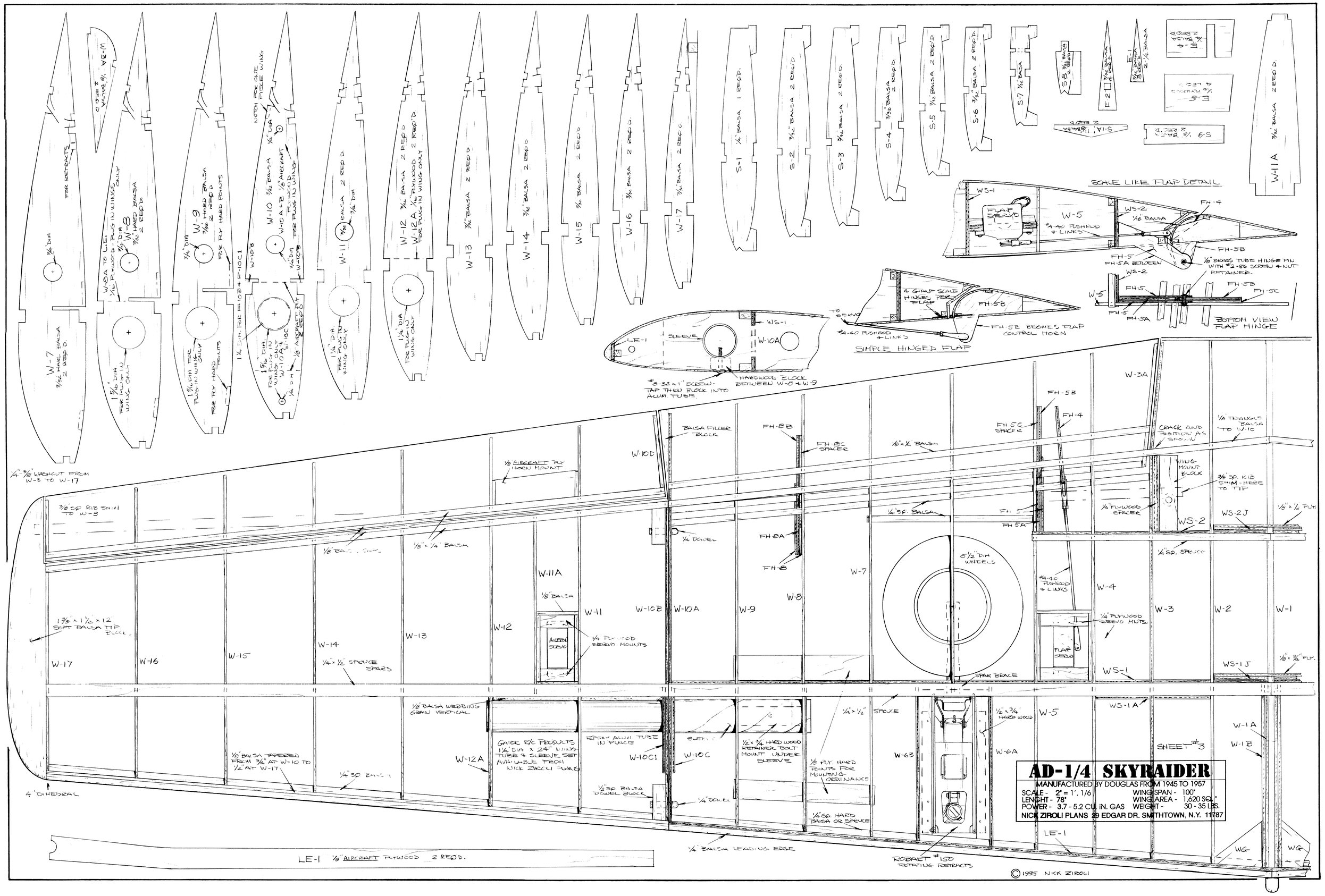
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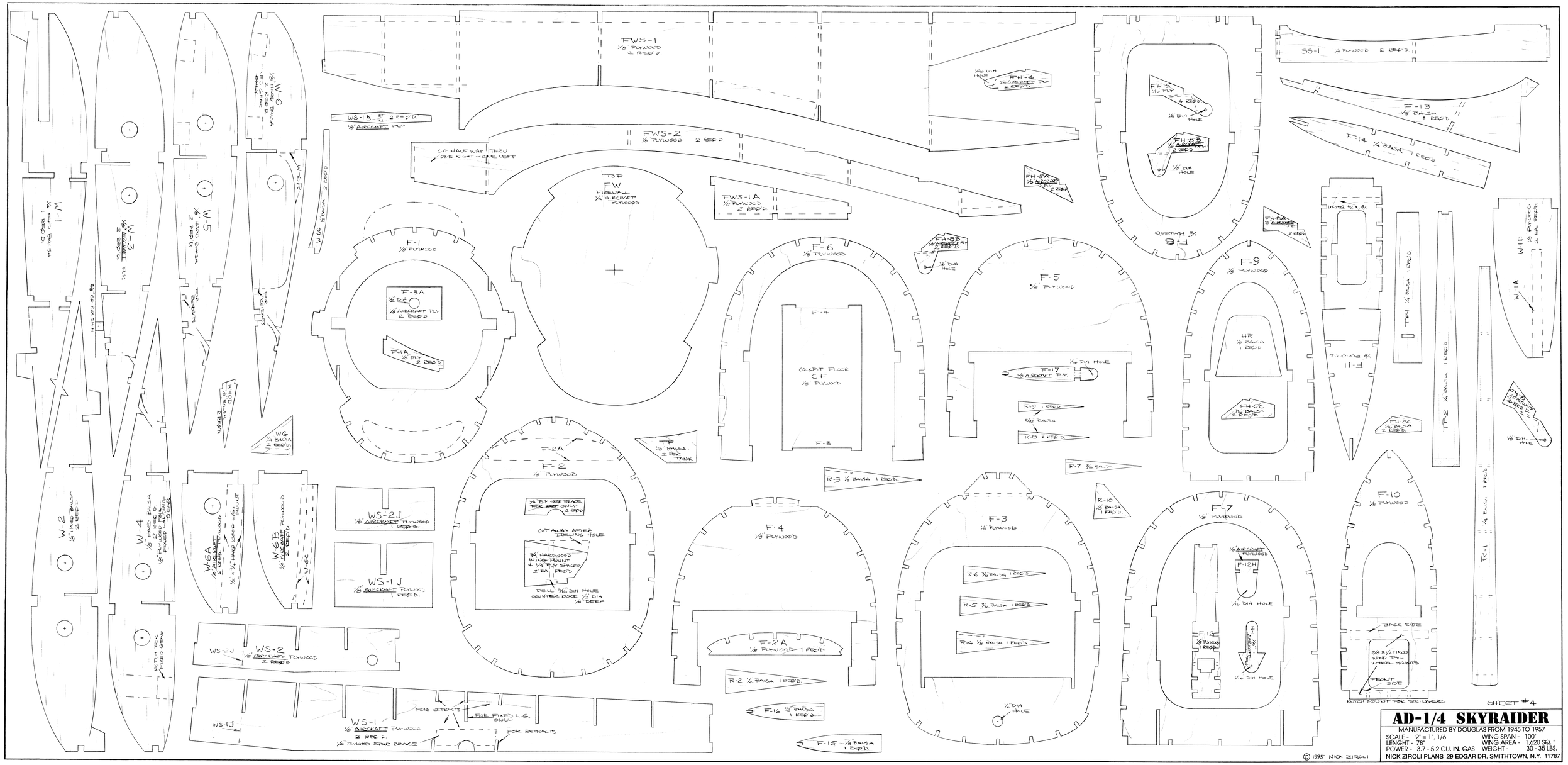
NICK ZIROLI PLANS 29 EDGAR DR. SMITHTOWN, N.Y. 11787
SHEET #3
SCALE LIKE FLAP DETAIL
SIMPLE HINGED FLAP
BOTTOM VIEW FLAP HINGE
W-7
W-8
W-9
W-10
W-10A
W-10B
W-10C
W-10C1
W-10D
W-11
W-11A
W-12
W-12A
W-13
W-14
W-15
W-16
W-17
S-1
S-2
S-3
S-4
S-5
S-6
S-7
S-8
S-9
S-14
E-1
E-2
E-4
E-5
W-11A
W-3A
W-5
W-4
W-3
W-2
W-1
W-1A
W-1B
W-6A
W-6B
WS-1
WS-1A
WS-2
WS-2J
WS-1J
LE-1
WG
FH-4
FH-5
FH-5A
FH-5B
FH-5C
FH-8
FH-8A
FH-8B
FH-8C
FLAP SERVO
AILERON SERVO
#4-40 PUSHROD + LINKS
1/8" BRASS TUBE HINGE PIN WITH #2-56 SCREW + NUT RETAINER.
FH-5A BETWEEN
FH-5B BECOMES FLAP CONTROL HORN
4 GIANT SCALE HINGES PER FLAP
TO SERVO
SLEEVE
HARDWOOD BLOCK BETWEEN W-8 + W-9
#8-32 x 1" SCREW - TAP THRU BLOCK INTO ALUM TUBE.
1/8" AIRCRAFT PLY HORN MOUNT
BALSA FILLER BLOCK
1/8" x 1/4" BALSA
1/4 TRIANGLE BALSA TO W-10
CRACK AND REMOVE AS SHOWN
WING MOUNT BLOCK
3/8" SQ. RIB SHIM HERE TO TIP
1/4" PLYWOOD SPACER
1/4" SQ. BALSA
1/4" SQ. SPRUCE
1/8" x 1/2" PLY.
1/8" x 3/4" PLY.
5 1/2" DIA WHEELS
1/4" PLYWOOD SERVO MUTS.
SPAR BRACE
1/4" x 1/2" SPRUCE
1/2" x 3/4" HARD WOOD
1/8" PLY HARD POINTS FOR MOUNTING ORDINANCE
1/4" SQ. HARD BALSA OR SPRUCE
1/4" BALSA LEADING EDGE
ROBART #150 ROTATING RETRACTS
1/4" DOWEL
1/2" SQ. BALSA DOWEL BLOCK
EPOXY ALUM. TUBE IN PLACE
GAICO R/C PRODUCTS 1 1/4" DIA x 24" ALUM. TUBE & SLEEVE SET AVAILABLE FROM NICK ZIROLI PLANS
1/8" BALSA WEBBING GRAIN VERTICAL
1/8" BALSA TAPERED FROM 3/4" AT W-10 TO 1/2" AT W-17
1/4" SQ. SPRUCE
1/4" x 1/2" SPRUCE SPARS
1 3/8" x 1 1/2" x 12" SOFT BALSA TIP BLOCK
1/4" PLYWOOD SERVO MOUNTS
1/8" BALSA
1/4" SQ. SPRUCE
1/4" 3/8" WASHOUT FROM W-3 TO W-17
4° DIHEDRAL
LE-1 1/8" AIRCRAFT PLYWOOD 2 REQ'D.
NOTCH FOR ONE PIECE WING
1 1/4" DIA. FOR E-10B + E-10C1
W-3A TO C.L.
1/16" PLYWOOD D-PLUG IN WINGS ONLY
FOR RETRACTS
FOR RLY HARD POINTS
FOR PLUG IN WING ONLY
FOR PLUG IN WING ONLY + W-10A + 1/8" AIRCRAFT PLYWOOD FOR PLUG IN WING ONLY
1/8" AIRCRAFT PLY 2 REQ'D
1/8" AIRCRAFT PLYWOOD 2 REQ'D
1/8" BALSA 2 REQ'D
1/4" BALSA 1 REQ'D
3/32" BALSA 2 REQ'D
1/8" BALSA 2 REQ'D
1/8" BALSA 4 REQ'D
1/8" BALSA 2 REQ'D
1/8" BALSA 4 REQ'D
1/8" BALSA 2 REQ'D
1/8" BALSA 2 REQ'D
1/8" BALSA 2


FWS-1
1/8 PLYWOOD
2 REQ'D.
FWS-2
1/8 PLYWOOD 2 REQ'D
CUT HALF WAY THRU
ONE RIGHT - ONE LEFT
WS-1A 5" 2 REQ'D
1/8 AIRCRAFT PLY
TOP
FW
FIREWALL
1/4 AIRCRAFT PLYWOOD
FWS-1A
1/8 PLYWOOD
2 REQ'D
F-1
1/8 PLYWOOD
F-3A
1/8 DIA
1/8 AIRCRAFT PLY
2 REQ'D
F-1A
1/8 PLY
2 REQ'D
F-6
1/8 PLYWOOD
F-4
COMPIT FLOOR
CF
1/8 PLYWOOD
F-8
F-5
1/8 PLYWOOD
F-17
1/8 AIRCRAFT PLY.
1/16 DIA HOLE
R-9 1 REQ'D
3/16 BALSA
R-8 1 REQ'D.
R-7 3/16 BALSA
R-10
1/8 BALSA
1 REQ'D
R-3 1/8 BALSA 1 REQ'D
TF
1/8 BALSA
2 REQ
TASK
F-2A
F-2
1/8 PLYWOOD
1/4 PLY SAME BRACE
FOR ARRT GANGS
2 REQ'D
CUT AWAY AFTER
DRILLING HOLE
3/4 HARDWOOD
WING MOUNT
4 1/4 PLY SPACER
2 EA 1 REQ'D
DRILL 3/16 DIA HOLE
COUNTER BORE 1/2 DIA
1/4" DEEP
F-4
1/8" PLYWOOD
F-2A
1/8 PLYWOOD 1 REQ'D
R-2 1/2 BALSA 1 REQ'D.
F-16 1/8" BALSA
1 REQ'D.
F-15 1/8 BALSA
1 REQ'D.
F-3
1/8 PLYWOOD
R-6 3/16 BALSA 1 REQ'D
R-5 3/16 BALSA 1 REQ'D
R-4 1/8 BALSA 1 REQ'D
1/2 DIA
HOLE
F-9
1/8 PLYWOOD
HR
1/8 BALSA
1 REQ'D
FH-5C
1/8 BALSA
2 REQ'D
F-7
1/8 PLYWOOD
1/8 AIRCRAFT PLYWOOD
F-12H
1/16 DIA HOLE
F-12
1/8 PLYWOOD
1 REQ'D
1/16 DIA HOLE
F-10
1/8 PLYWOOD
BACK SIDE
3/8 X 1/2 HARD
WOOD TAP -
WHEEL MOUNTS
FRONT
SIDE
NOTCH MOUNT FOR STRINGERS
F-11
1/8 PLYWOOD
TR-1 1/4 BALSA 1 REQ'D
TR-2 1/4 BALSA 1 REQ'D
R-1
1/4 BALSA 1 REQ'D
W-1E
1/8 PLYWOOD
2 EA 1 REQ'D.
W-1A
F-13
1/8 BALSA
1 REQ'D
F-14 1/4 BALSA 1 REQ'D.
SS-1 1/8 PLYWOOD 2 REQ'D
FH-4
1/8 AIRCRAFT PLY
2 REQ'D
1/16 DIA
HOLE
FH-5
1/16 PLY.
4 REQ'D
1/16 DIA
HOLE
FH-5B
1/8 AIRCRAFT PLY
2 REQ'D
1/8 DIA
HOLE
FH-5A
1/8 AIRCRAFT PLY
2 REQ'D
FH-8B
1/8 AIRCRAFT PLY
2 REQ'D
1/8 DIA
HOLE
FH-8A
1/8 AIRCRAFT PLY
2 REQ'D
FH-8C
1/8 BALSA
2 REQ'D.
F-8
1/8 PLYWOOD
W-1
1/4 HARD BALSA
1 REQ'D.
W-3
1/8 AIRCRAFT PLY.
2 REQ'D.
W-5
1/4" HARD BALSA
2 REQ'D.
FOR ELEVATOR
W-6
1/8" HARD BALSA
2 REQ'D.
BULGE
W-6R
W-6L
1/8 BALSA
2 REQ'D
W-6C
1/8 BALSA 2 REQ'D
WG
1/4 BALSA
2 REQ'D.
W-2
1/8 HARD BALSA
2 REQ'D
W-4
1/8 HARD BALSA
2 REQ'D
1/8 PLYWOOD LANDING
FIXED LANDING
GEAR
W-6A
1/8 AIRCRAFT PLYWOOD
1/8 x 1/4 HARD WOOD L.G. MOUNT
W-6B
1/8 AIRCRAFT PLYWOOD
2 REQ'D
W-6C
WS-2J
1/8 AIRCRAFT PLYWOOD
1 REQ'D
WS-1J
1/8 AIRCRAFT PLYWOOD
1 REQ'D.
NOTCH TO
FIXED GEAR
WS-2J
WS-2
1/8 AIRCRAFT PLYWOOD
2 REQ'D
WS-1J
WS-1
1/8 AIRCRAFT PLYWOOD
2 REQ'D.
1/4" PLYWOOD SPAR BRACE
FOR RETRACTS
FOR FIXED L.G.
ONLY
FOR RETRACTS
SHEET #4
AD-1/4 SKYRAIDER
MANUFACTURED BY DOUGLAS FROM 1945 TO 1957
SCALE - 2" = 1', 1/6
LENGHT - 28'
POWER - 3.7 - 5.2 CU. IN. GAS
WING SPAN - 100'
WING AREA - 1,620 SQ. '
WEIGHT - 30 - 35 LBS.
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