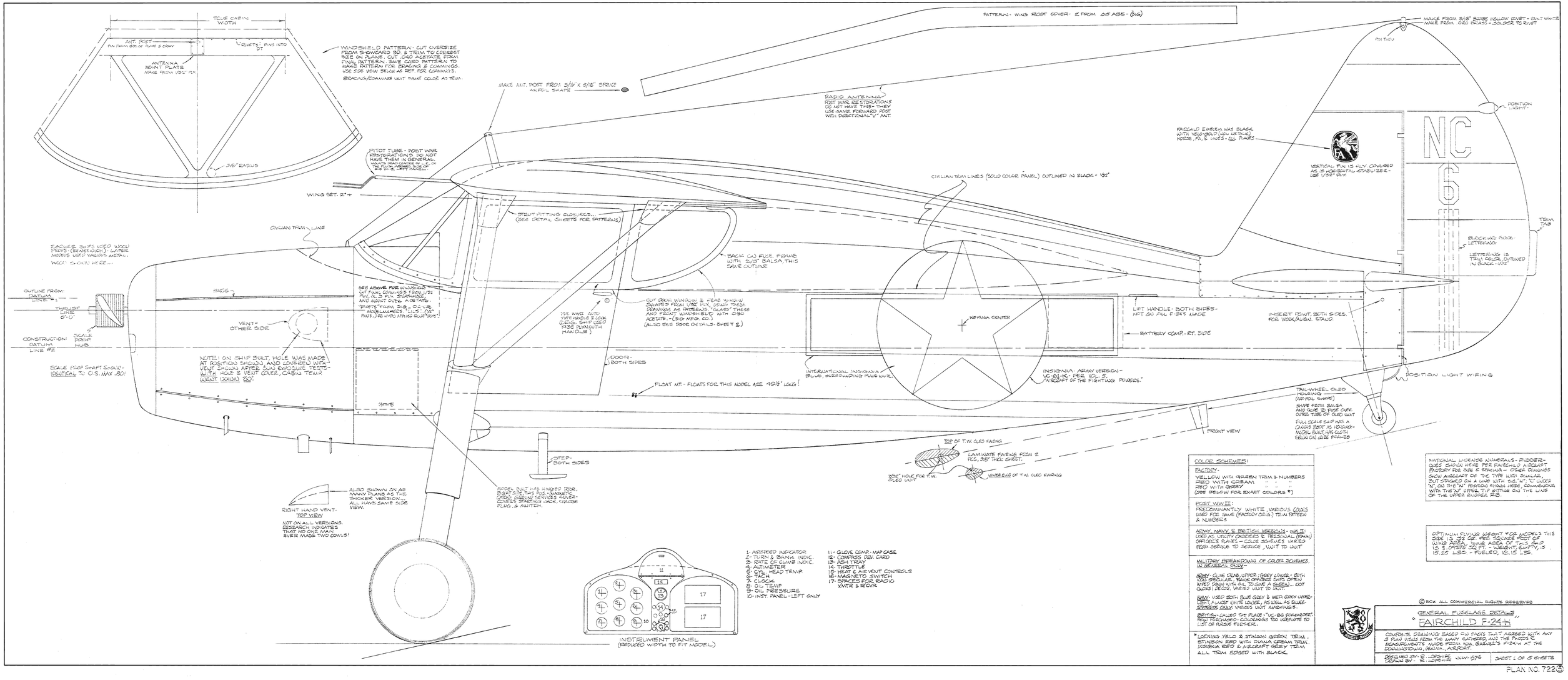
TRUE CABIN WIDTH
ANT. POST
PIN FROM BOX OF TUBE & GLUE
RIVETS - PINS INTO DT
ANTENNA MOUNT PLATE
MAKE FROM 1/32" PLY.
3/8" RADIUS
WINDSHIELD PATTERN - CUT OVERSIZE FROM SHOWCARD BD. & TRIM TO CORRECT SIZE ON PLANE. CUT .040 ACETATE FROM FINAL PATTERN. SAVE CARD PATTERN TO MAKE PATTERN FOR BRACING & COAMINGS. USE SIDE VIEW BELOW AS REF. FOR COAMINGS.
BRACING/COAMING UNIT SAME COLOR AS TRIM.
PATTERN - WING ROOT COVER - E FROM .015 ABS - (BIG)
MAKE FROM 3/16" BRASS HOLLOW RIVET - PAINT WHITE
MAKE FROM .020 BRASS - SOLDER TO RIVET
MAKE ANT. POST FROM 3/16" X 5/16" SPRUCE
ALTOL SKATE
RADIO ANTENNA
POST WAS RESTORATIONS DO NOT HAVE THIS - THEY USE SAME FORWARD POST WITH DIRECTIONAL "V" ANT.
PITOT TUBE - POST WAR RESTORATIONS DO NOT HAVE THEM IN GENERAL. PITOT TUBE CENTERED IN L.E. ON THE FUSELAGE WRIBBED SIDE OF RIB W-15 - LEFT PANEL.
WING SET: 2° +
CIVILIAN TRIM LINE
STRUT FITTING GUSSETS.. (SEE DETAIL SHEETS FOR PATTERNS)
BACK OF FUSE. FRAME WITH 3/16" BALSA. THIS SAME OUTLINE
CIVILIAN TRIM LINES (SOLID COLOR PANEL) OUTLINED IN BLACK - 1/8"
FAIRCHILD EMBLEM WAS BLACK WITH YELLOW (NON METALIC) ROSSE, FA, & WINGS - ALL PLANES
VERTICAL FIN IS H.W. COVERED AS S HORIZONTAL STAB. U SEE - USE 1/32" PLY.
POSITION LIGHT
TRIM TAB
BLOCKING GUIDE: LETTERING
LETTERING IS TRUE GOLD, OUTLINED IN BLACK - 1/32"
EARLIER SHIPS USED WOOD FRAMES (BEARINGS). LATER MODELS USED VARIOUS METAL.
WOOD SHOWN HERE...
OUTLINE FROM DATUM LINE #1
THRUSTLINE 0°-0"
CONSTRUCTION DATUM LINE #2
SCALE PROP HUB
SCALE PROP SHAFT SHOWN - (CRITICAL TO C.G. MAX. (B))
HAGS
SEE ABOVE FOR WINDSHIELD CUT FINAL COAMINGS FROM 1/32 PLY, 3/32 PLY, STRATWOOD AND FLOAT GUSSET & DETAILS.
"RIVETS" FROM 3/16" DOWEL MODELMAKERS "LIVE" (1/16" PINS.) (SO HYPO AFRICO GLUE 3019.)
VENT - OTHER SIDE
NOTE: ON SHIP BUILT HOLE WAS MADE AT POSITION SHOWN AND COVERED WITH VENT SHOWN AFTER SUN EXPOSURE TESTS - WITH HOLE & VENT COVER, CABIN TEMP. WENT DOWN 30°.
(SEE-B)
SEE WWII AUTO TYPE HANDLE & LOCK (BIG). SHIP USED WISE PLYMOUTH HANDLE.
CUT DOOR, WINDOW & REAR WINDOW SHAPES FROM 1/32 PLY. USING THESE DRAWINGS AS PATTERNS. "GLASS" THESE AND FRONT WINDSHIELD WITH .030 ACETATE - (BIG ARG. GO.)
(ALSO SEE SHORE DETAILS - SHEET 3)
DOOR - BOTH SIDES
INSIGNIA CENTER
LIFT HANDLE - BOTH SIDES - NOT ON FULL F-24'S MADE
BATTERY COMP. - RT. SIDE
INSERT POINT, BOTH SIDES, FOR WOOD/ALUM. STALD
INTERNATIONAL INSIGNIA PLUS, SURROUNDING PLUS WHITE
INSIGNIA - ARMY VERSION - UC-61-K - PER. YOL. 5. "AIRCRAFT OF THE FIGHTING POWERS."
FLOAT MT. - FLOATS FOR THIS MODEL ARE 49 1/2" LONG!
POSITION LIGHT WIRING
TAIL-WHEEL OLEO HOUSING (AIR FOIL SHAPE)
SHAPE FROM BALSA AND GLUE TO FUSE OVER OUTER TUBE OF OLEO UNIT
FULL SCALE SHIP HAS A CANVAS BOOT AS HOUSING - MODEL BUILT HAS CLOTH GLUE ON WIRE FRAMES
FRONT VIEW
TOP OF T.W. OLEO FAIRING
LAMINATE FAIRING FROM 2 PLS. 3/8" THICK SHEET.
1/16" HOLE FOR T.W. OLEO UNIT
UNDERSIDE OF T.W. OLEO FAIRING
STEP - BOTH SIDES
MODEL BUILT HAS HINGED DOOR, RIGHT SIDE. THIS HAS MAGNETIC CATCH, GROUND SERVICES COVER - COVERS STARTING JACK, GUAGE PLUGS, & SWITCH.
ALSO SHOWN ON AS MANY PLANS AS THE THICKER VERSION... ALL HAVE SAME SIDE VIEW.
RIGHT HAND VENT - TOP VIEW
NOT ON ALL VERSIONS. RESEARCH INDICATES THAT NO ONE MAN EVER MADE TWO COWLS!
1: AIRSPEED INDICATOR
2: TURN & BANK INDIC.
3: RATE OF CLIMB INDIC.
4: ALTIMETER
5: CYL. HEAD TEMP.
6: TACH
7: CLOCK
8: OIL TEMP
9: OIL PRESSURE
10: INST. PANEL - LEFT ONLY
11: GLOVE COMP. - MAP CASE
12: COWRDS DEV. CARD
13: ASH TRAY
14: THROTTLE
15: HEAT & AIR VENT CONTROLS
16: MAGNETO SWITCH
17: SPACES FOR RADIO XMTR & RECVR.
INSTRUMENT PANEL (REDUCED WIDTH TO FIT MODEL)
COLOR SCHEMES:
FACTORY:
YELLOW WITH GREEN TRIM & NUMBERS
FIELD WITH CREAM " " " "
RED WITH GREY " " " "
(SEE BELOW FOR EXACT COLORS *)
POST WW II:
PREDOMINANTLY WHITE, VARIOUS COLS USED FOR SAME (FACTORY ORIG.) TRIM PATTERN & NUMBERS
ARMY, NAVY & BRITISH VERSIONS - (WWII):
USED AS UTILITY CARRIERS & PERSONAL (RANK) OFFICER'S PLANES - COLOR SCHEMES VARIED FROM DEPOT TO DEPOT, UNIT TO UNIT
MILITARY BREAKDOWN OF COLOR SCHEMES, IN SEVERAL ONLY:
ARMY - OLIVE DRAB UPPER, GREY LOWER - BOTH NON GLOSS. MANY OF THESE SHIPS OFTEN WIPED DOWN WITH OIL TO GIVE A SHEEN... NOT GLOSS! DECO. VARIED UNIT TO UNIT.
NAVY: USED BOTH BLUE GREY & MED. GREY UPPER - LIGHT. A LIGHT WHITE LOWER, AS WELL AS SILVER - SEMI GLOSS VARIOUS UNIT VARIANCES.
BRITISH - CALLED THE PLANE - "UC-61 FORWARDER". TRIM FORGRADED - COLOR WAS TOO INSIGNIFICANT TO LIST OF PLANE FLEETER.
* LEARNING YELLO & STINSON GREEN TRIM. STINSON RED WITH DIANA CREAM TRIM. INSIGNIA RED & AIRCRAFT GREY TRIM. ALL TRIM EDGED WITH BLACK.
NATIONAL LICENSE NUMERALS - FUDGERS - GOES SHOWN HERE PER FAIRCHILD AIRCRAFT FACTORY FOR SIZE & SPACING - OTHER DRAWINGS SHOW A LIGHT OF THE TYPE WITH SIMILAR, BUT STACKED ON A LINE WITH S.G. "N", "C" UNDER "N", ON THE "N" POSITION SHOWN HERE. COMMENCING WITH THE "N" WHEEL TIP SITTING ON THE LINE OF THE UPPER BLUEBEAR BLS.
OPTIMUM FLYING WEIGHT WOR MODELS THIS SIZE IS 32 OZ. PER SQUARE FOOT OF WING AREA. WING AREA OF THIS SHIP IS 5 GRESTS 32 FT. - WEIGHT EMPTY, IS 15.25 LBS. - FUELED, 16.15 LBS.
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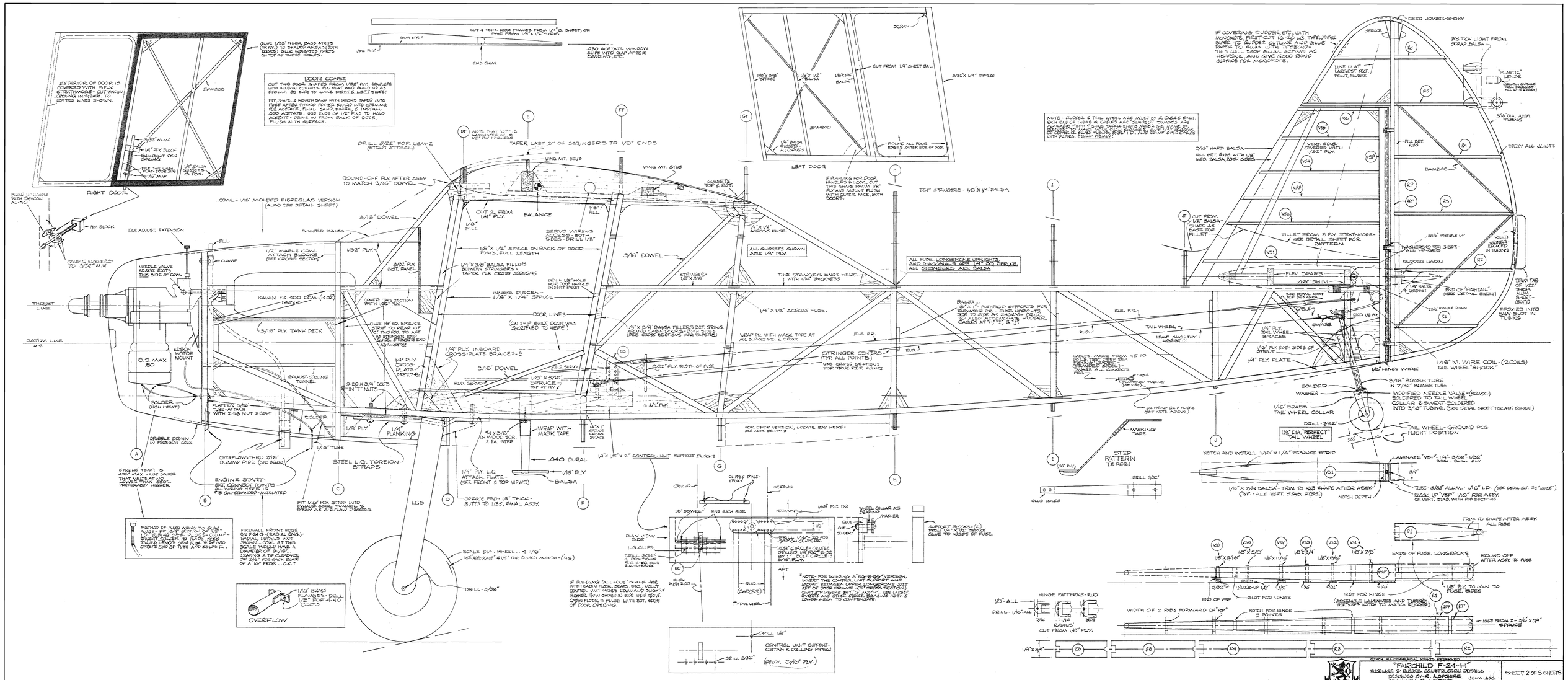
GENERAL FUSELAGE DETAILS
FAIRCHILD F-24-H
COMPOSITE DRAWING BASED ON FACTS THAT AGREED WITH ANY 3 PLAN VIEWS FROM THE ARMY GATHERED, AND THE PHOTOS & REMEASUREMENTS MADE FROM NUM. GARGER'S FIGHTER AT THE DOWNSTROWN, PENNA., AIRPORT.
DESIGNED BY - B. LOSHUHE
DRAWN BY - B. LOSHUHE
JULY - 1976
SHEET 1 OF 3 SHEETS
PLAN NO. 722


RIGHT DOOR
LEFT DOOR
DOOR CONST.
CUT TWO DOOR SHAPES FROM 1/32" PLY, COMPLETE WITH WINDOW CUT-OUTS. PIN FLAT AND GLUE UP AS SHOWN. BE SURE TO MAKE RIGHT & LEFT SIDES!
FIT, SHAPE, & ROUGH SAND WITH DOORS TAPED INTO FUSE AFTER FITTING FOOTER BOARD INTO OPENING FOR ACETATE. FINAL SAND, FINISH, & INSTALL 020 ACETATE. USE ENDS OF 1/2" PINS TO HOLD ACETATE - DRIVE IN FROM BACK OF DOOR, FLUSH WITH SURFACE.
EXTERIOR OF DOOR IS COVERED WITH 3-PLY STRATHMORE - CUT WINDOW OPENING IN SEPART. TO LOTTED LINES SHOWN.
GLUE 1/16" THICK BASS STRIPS (BR PLY.) TO SHADED AREAS (BOTH DOORS). GLUE INDICATED PARTS ON TOP OF THESE STRIPS.
CUT 4 VERT. DOOR FRAMES FROM 1/4" B. SHEET, OR MAKE FROM 1/4" X 1/8" STRIP.
SHIM STRIP
1/32 PLY
END SHIM
.030 ACETATE WINDOW SLIPS INTO GAP AFTER SANDING, ETC.
BAMBOO
5/32" M.W.
1/4" PLY BLOCK
BALLSTUT PER SPECIAL
GLUE THIS WASH. PLATE BEFORE SIN 1/16" M.W.
1/4" BALSA GUSSETS 3 REQ.
BUILD UP WHEEL WITH DEVCON AL-40
PLY BLOCK
SOLDER WIRE TO 3/16" M.W.
IDLE ADJUST. EXTENSION
COWL - 1/16" MOLDED FIBREGLAS VERSION (AUTO SIZE DETAIL SHEET)
3/16" DOWEL
SHAPED BALSA
FILL
CLAMP
1/2" MAPLE COWL ATTACH BLOCKS (SEE CROSS SECTION)
1/32" PLY.
3/32" PLY INST. PANEL
NEEDLE VALVE ADJUST. EXITS THIS SIDE OF COWL
THRUST LINE
DATUM LINE #2
KAVAN FK-400 CEM. (40Z) TANK
3/16" PLY. TANK DECK
O.S MAX 80
EDSON MOTOR MOUNT
SOLDER (HIGH HEAT)
EXHAUST COLING TUNNEL
PLATTEN 5/8" TUBE ATTACH WITH 2-56 NUT & BOLT
DRIBBLE DRAIN IN FIBREGLAS COWL
1/8" PLY
1/4" PLANKING
1/16" TUBE
OVERFLOW-THRU 7/16" DUMMY PIPE (SEE DETAIL)
ENGINE START-SAT. CONNECT POINTS ALL WIRING HERE IS #18 GA. STRANDED INSULATED
ENGINE TEMP. IS 400° MAX - USE SOLDER THAT MELTS AT AND BOWER THAN 350°.. PREFERABLY HIGHER.
METHOD OF INNER WIRING TO SPAN PLUGS - FIT 3/4" SECTION OF 1/8" I.D. TUBING STEEL PLUGS - CLAMP - SHORT SOLDER IN PLACE. FEED TINNED DEVON OFF FOR WIRE INTO OPPOSITE END OF TUBE AND SOLDER IN.
FIREWALL - FRONT EDGE ON F-24 G (RADIAL END) - RADIAL DETAILS NOT SHOWN - COWL AT THIS SCALE WOULD HAVE A DIAMETER OF 9 1/8" .. LEAVING A TIP CLEARANCE OF 3/16" FOR EACH SIDE OF A 16" PROP ... O.K.!
1/16" BRASS FLANGES - DRILL 1/8" FOR 4-40 BOLTS
OVERFLOW
SCALE DIA. WHEEL ... 4 11/16" USE "REDUSCALE" 4 1/2" FOR CLOSEST MATCH - (G18)
DRILL - 5/32"
LGS
STEEL L.G. TORSION STRAPS
FIT 1/16" PLY. STRIP INTO EXHAUST COWL - TUNNEL & EPOXY AS AIR-FLOW DIVERTER
TAPER LAST 3" OF STRINGERS TO 1/8" ENDS
DRILL 5/32" FOR USM-Z (STRUT ATTACH)
WING MT. STUB
ROUND OFF PLY. AFTER ASSY TO MATCH 3/16" DOWEL
CUT 2 FROM 1/4" PLY.
BALANCE
1/8" FILL
SERVO WIRING ACCESS - BOTH SIDES - DRILL 1/2"
1/8" X 1/2" SPRUCE ON BACK OF DOOR POSTS, FULL LENGTH
1/4" X 3/8" BALSA FILLERS BETWEEN STRINGERS - TAPER PER CROSS SECTIONS
INNER PIECES - 1/8" X 1/4" SPRUCE
DOOR LINES (CAN SHIP BUILT, DOOR WAS SKIDTEUED TO HERE)
COVER THIS SECTION WITH 1/32" PLY.
GLUE 1/8" SQ. SPRUCE STRIP TO REAR OF "C" THIS PER. TO ACT AS STRINGER END GUIDE. STRINGERS END ADJACENT "C"
1/4" PLY. INBOARD CROSS-PLATE BRACES - 3
1/4" PLY CROSS PLATE 2 3/8" X 7 1/2"
3/16" DOWEL
TILE SERVO
RUD. SERVO
1/8" X 3/16" SPRUCE TOP OF PLY
9-20 X 3/4" BOLTS IN "T" NUTS
1/4" PLY
1/4" X 1/2" ACROSS FUSE.
ALL GUSSETS SHOWN ARE 1/4" PLY.
ALL FUSE LONGERONS UPRIGHTS AND DIAGONALS ARE 1/4" SQ. SPRUCE, ALL STRINGERS ARE BALSA
THIS STRINGER ENDS HERE - WITH 1/8" THICKNESS
STRINGERS - 1/8" X 3/8"
1/4" X 3/8" BALSA FILLERS BET. STRING. (ROUND CABIN DOORS - BOTH SIDES - (SEE CROSS SECTIONS FOR TAPERS)
3/32" PLY. WIDTH OF FUSE
STRINGER CENTERS (TYP. ALL POINTS) USE CROSS SECTIONS FOR TRUE BEF. POINTS
WRAP PL. WITH MASK TAPE AT ALL SUPPORT PTS. & EPOXY.
BALSA... (8" X 1" - PUSHROD SUPPORTS FOR ELEVATOR PR. - FUSE UPRIGHTS, SIDE TO SIDE AS SHOWN - DRILL TO ALSO ACCOMODATE RUDDER CABLES AT "H" "I" & "J"
ELE. P.R.
RUD.
TAIL WHEEL
LEAVE SLIGHTLY LOOSE
CABLES - MAKE FROM 48 TO SOLDER TWO OVER DIA FUSING LONGERS (STRANDED STEEL) - SHAPE ALL CONNECTS PER.
CABLE
EXTERIOR TUBING 1/8" I.D.
(2) HEAVY GALV. WIRES (SEE NOTE ABOVE)
FOR DEBIT VERSION, LOCATE BAY HERE - SEE NOTE BELOW *
1/4" X 1/2" X 2" CONTROL UNIT SUPPORT BLOCKS
.040 DURAL
1/16" PLY
BALSA
1/4" PLY. L.G. ATTACH PLATE - (SEE FRONT & TOP VIEWS)
SPRUCE PAD - 1/8" THICK - BUTTS TO LGS, FINAL ASSY.
#4 X 3/8" RH WOOD SCR. 2 EA. STEP
WRAP WITH MASK TAPE
1/4" X 1/2" SPRUCE CROSS BRACE
SCRAP
1/8" X 3/8" SPRUCE
1/8" X 1/2" BALSA
1/8" X 1/16" BALSA
3/32" X 1/4" SPRUCE
CUT FROM 1/8" SHEET BAL
1/4" BALSA GUSSETS - ALL CORNERS
ROUND ALL FOUR EDGES, OUTER SIDE OF DOOR
IF PLANNING FOR DOOR HANDLES & LOCK, CUT THIS SHAPE FROM 1/8" PLY AND MOUNT FLUSH WITH OUTER FACE, BOTH DOORS.
TOP STRINGERS - 1/8" X 1/4" BALSA
NOTE - RUDDER & TAIL WHEEL ARE MOVED BY 2 CABLES EACH. EACH END OF THESE 4 CABLES ARE SWAGED. SWAGES ARE ALSO USED TWO EQUALLY SPACED EYELETS NEAR THE NOSE OF CORNER ON FUSE. WHEN 3/32" I.D. ALSO DETAIL SWAGING WITH PLIERS. CRIMP FIRMLY!
IF COVERING RUDDER, ETC. WITH MONOKOTE, FIRST CUT 16-20 LB. TYPEWRITER PAPER TO RUDDER OUTLINE AND GLUE PAPER TO ALUM. WITH TITEBOND. THIS WILL STOP ALUM. ACTING AS HEATSINK AND GIVE GOOD BOND SURFACE FOR MONOKOTE.
REED JOINER - EPOXY
SPRUCE
POSITION LIGHT FROM SCRAP BALSA
"PLASTIC" LENSE (DEFLATION CAPSULE FROM DEPARTMENT FILL WITH WATER)
LINE IS AT LARGEST SECT. PRINT, ALL RIBS
3/16" DIA. ALUM. TUBING
3/16" HARD BALSA
FILL BET. RIBS WITH 1/8" MED. BALSA, BOTH SIDES
VERT. STAB. COVERED WITH 1/32" PLY.
FILL BET RIBS
EPOXY ALL JOINTS
BAMBOO
CUT FROM 1/2" BALSA - SHAPE AS BASE FOR FILLET
FILLET FROM 3 PLY. STRATHMORE - SEE DETAIL SHEET FOR PATTERN
12 1/2" PROFILE UP
WASHERS @ TOP & BOT. - ALL HINGES
REED JOINER - EPOXIED IN TUBING
RUDDER HORN
ELEV. SPARS
1/16" SHIM
1/4" BALSA GUSSET
END OF "FIN/TAIL" (SEE DETAIL SHEET)
TRIM TAB OF 1/32" THICK ALUM. SHEET - (SOLD)
EPOXIED INTO SAW-SLOT IN TUBING
SEE DETAIL SHEET FOR BUD AREA
VALVE
END VB PLY
SWAGE
1/4" PLY. TAIL WHEEL BRACES
1/8" PLY. BOTH SIDES OF STRUT
1/4" PLY. PLATE
1/16" M. WIRE COIL - (2.00 LB) TAIL WHEEL "SHOCK"
1/16" HINGE WIRE
3/16" BRASS TUBE IN 7/32" BRASS TUBE
SOLDER
WASHER
MODIFIED NEEDLE VALVE - (BRASS) SOLDERED TO TAIL WHEEL COLLAR & SWEAT SOLDERED INTO 3/16" TUBING. (SEE DETAIL SHEET FOR ALT. CONST.)
1/16" BRASS TAIL WHEEL COLLAR
DRILL - 3/32"
1 1/2" DIA. "PERFECT" TAIL WHEEL
TAIL WHEEL - GROUND POS FLIGHT POSITION
MASKING TAPE
STEP PATTERN (2 REQ.)
1/8" PLY.
DRILL 3/32"
GLUE HOLES
NOTCH AND INSTALL 1/16" X 1/4" SPRUCE STRIP
LAMINATE "VSP" - 1/4" - 3/32" - 1/32" BALSA - BALSA - PLY
1/8" X 7/8 BALSA - TRIM TO R2B SHAPE AFTER ASSY. (TYP. - ALL VERT. STAB. RIBS)
NOTCH DEPTH
TUBE - 3/32" ALUM. - 1/16" I.D. (SEE DETAIL SHT. RE "NOISE")
BLOCK UP "VSP" 1/16" FOR ASSY. OF VERT. STAB. WITH R2B SECTIONS
TRIM TO SHAPE AFTER ASSY. ALL RIBS
ENDS OF FUSE. LONGERONS
ROUND OFF AFTER ASSY. TO FUSE
1/8" PLY. TO JOIN TO FUSE. SIDES
END OF VSP
BLOCK-UP 1/8"
SLOT FOR HINGE
(ASSEMBLE LAMINATES AND TURNING "VSP" NOTCH TO MATCH RUDDER)
WIDTH OF 2 RIBS FORWARD OF "RP"
NOTCH FOR HINGE 3 POINTS
MAKE FROM 2 - 3/16" X 3/4" SPRUCE
HINGE PATTERNS - RUD.
1/8" - ALL
DRILL - 1/16" - ALL
RADIUS - CUT FROM 1/8" PLY.
1/8" X 3/4"
PLAN VIEW SIDE
L.G. CLIPS
DRILL 3/32" FOR 2 - 56 BOLTS BAND - EPOXY
ELEV. MOUNT 2.00
SERVO
1/8" DOWEL
PINS EACH SIDE
SUPPS PINS - EPOXY
FOR WIRING
1/16" P.C. BR
WHEEL COLLAR AS BEARING
WASHER
GLUE
CUT
SOLDER
DRILL 1/16" FOR 3/32" DIA CENTERS
5/8" CIRCLE - CENTER DRILLED 1/8 FOR 3/32 BOLT - BOLT CIRCLE 13 3/16" PLY.
AFT
RUD. CABLES
TAIL WHEEL
SUPPORT BLOCKS - (2) FROM 1/4" X 1/2" SPRUCE GLUE TO INSIDE OF FUSE.
IF BUILDING "TAIL-OUT" SCALE, SHIP WITH CABIN FLOOR, SEATS, ETC., MOUNT CONTROL UNIT HEADS DOWN AND SLIGHTLY HIGHER THAN SHOWN IN SIDE VIEW SCALE. CABIN FLOOR IS FLUSH WITH BOT. EDGE OF DOOR OPENING.
*NOTE - FOR BUILDING A "BOND BAY" VERSION, INVERT THE CONTROL UNIT SUPPORT AND MOUNT BETWEEN UPPER LONGERONS JUST AFT OF DOOR FRAME (VIT CROSS SECTION) SHIFT STRINGERS BET. 0 AND H. USE LARGER GUSSETS AND OTHER STRUCT. BRACING IN THIS LOWER AREA TO COMPENSATE.
DRILL 1/8"
DRILL 3/32"
CONTROL UNIT SUPPORT - CUTTING & DRILLING PATTERN (FROM 3/16" PLY.)
E6
E5
E4
E3
E2
E1
V50
V51
V52
V53
V54
V55
V56
V57
V58
V59
V60
V61
V62
V63
V64
V65
V66
V67
V68
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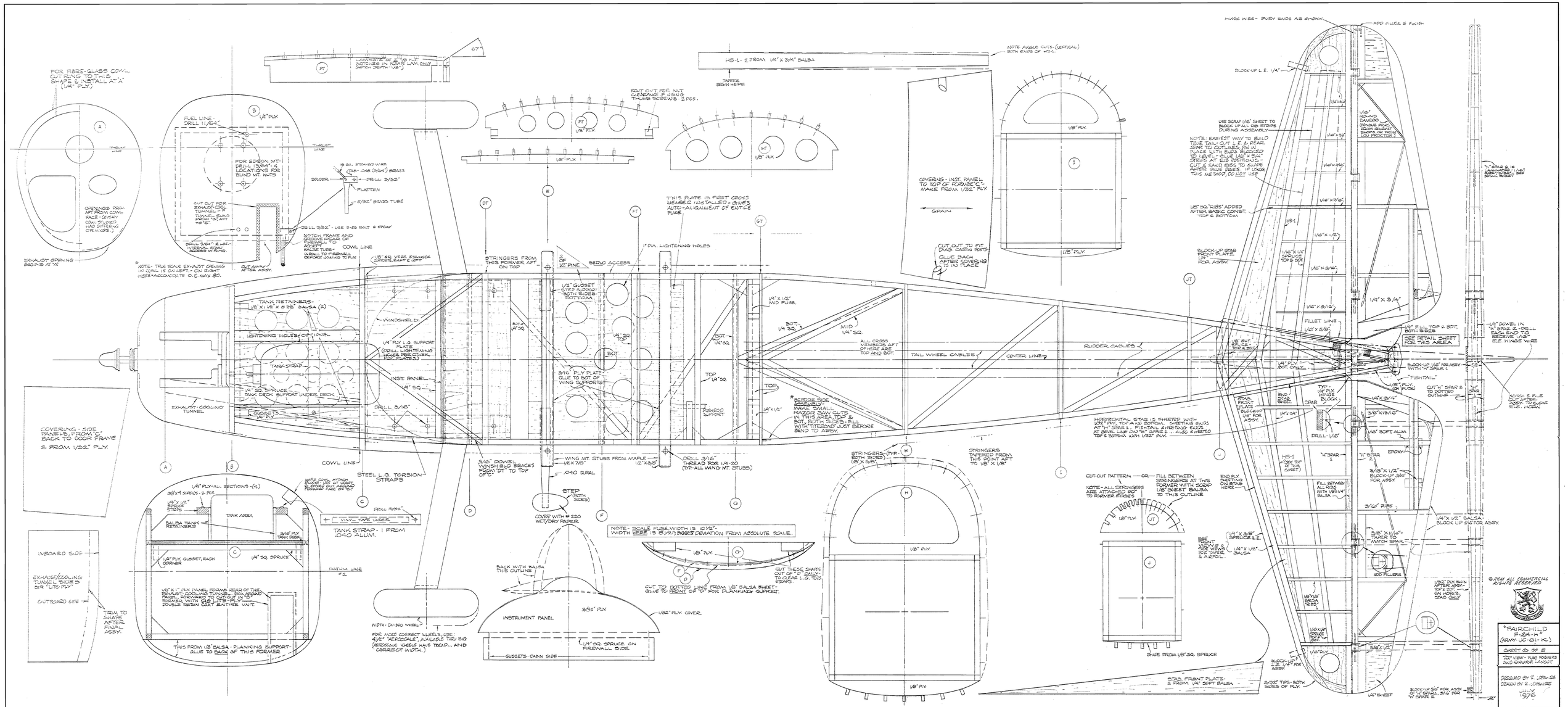
FOR FIBRE-GLASS COWL, CUT AWAY 1/8" THIS SHAPE & INSTALL AT "A" (1/4" PLY)
EXHAUST OPENING BEGINS AT "A"
FUEL LINE - DRILL 11/64"
1/4" PLY
THRUST LINE
FOR SOBON MT. DRILL 13/64" - 4 LOCATIONS FOR BLIND MT. NUTS
OPENINGS FROM AFT FROM CONN. FACE (EVERY CON. SLIDED HAD DIFFERING OPENINGS.)
CUT OUT FOR EXHAUST COOL TUNNEL - IN TUNNEL PARTS FROM "DC" AFT TO "C".
DRILL 3/64" & USE "INTERNAL STEEL" ACCESS WIRING.
NOTE: TRUE SCALE EXHAUST OPENING IN COWL IS ON LEFT - ON RIGHT USE ACCOMODATE O.S. MAX 80.
CUT AWAY AFTER ASSY.
LAMINATE OF 3/8" & 1/8" PLY NOTCHES IN REAR LAM. ONLY (NOTCH DEPTH - 1/8")
67°
HS-1 - 2 FROM 1/4" X 3/4" BALSA
TAPERS BEGIN HERE
NOTE ANGLE CUTS - (VERTICAL) BOTH ENDS OF HS-1.
ROUT OUT FOR NUT CLEARANCE IF USING THUMB SCREWS - 2 POS.
1/8" PLY
COVERING - INST. PANEL TO TOP OF FORMER "C". MAKE FROM 1/32" PLY.
GRAIN
CUT OUT TO FIT DIAG. CABIN POSTS.
GLUE BACK AFTER COVERING IS IN PLACE
1/8" PLY
11/8" PLY
HINGE WIRE - BURY ENDS AS SHOWN
ADD FILLER & FINISH
BLOCK-UP L.E. 1/4"
USE SCRAP 1/8" SHEET TO BLOCK UP ALL RIB STRIPS DURING ASSEMBLY
NOTE: EASIEST WAY TO BUILD TAIL: CUT L.E. & REAR SPAR TO OUTLINES. PIN IN PLACE WITH ENDS BLOCKED TO LEVEL - GLUE 1/32" X 3/4" STRIPS AT ELE. POSTIONS. - CUT & SAND RIBS TO SHAPE AFTER GLUE DRIES. IF USING THIS METHOD, DO NOT USE
1/8" SQ. "RIBS" ADDED AFTER BASIC CONST. TOP & BOTTOM
BLOCK-UP STAB FRONT PLATE 1/4" FOR ASSY.
1/8" ROUND BAMBOO (DOWEL PLUG FROM GOURMET SHOPS OR PIECE YOU PRECTOR.)
1/4" X 3/4"
1/4" X 3 1/4"
FILLET LINE
1/4" X 1/2" MID FUSE.
1/4" SQ. BOT.
MID 1/4" SQ.
ALL CROSS MEMBERS AFT OF HERE ARE TOP AND BOT.
TAIL WHEEL CABLES
CENTER LINE
RUDDER CABLES
1/8" PLY BOT. ONLY
1/8" DOWEL IN "H" SPAR 2 - DRILL BACK END TO RECEIVE 1/8" ELE. HINGE WIRE
SEE DETAIL SHEET FOR THIS AREA
BLOCK-UP 1/8" FOR ASSY WITH "H" SPAR 1
"FISHTAIL"
1/8" PLY ON FUSE
CUT "H" SPAR 2 TO DOTTED OUTLINE
NOTE: E.F.L.E. ADJUSTABLE ASSY. TO CLEAR ELEV. FORM
"H" SPAR 1 IS LAMINATED (1/8" SPAR - 1/8" SHEET - 1/8" SPAR - 1/8" SHEET)
TANK RETAINERS - 1/8 X 1/2 X 6 7/8" BALSA (2)
WINDSHIELD
LIGHTENING HOLES - OPTIONAL
1/4" PLY L.G. SUPPORT PLATE (DRILL LIGHTENING HOLES PER OTHER FOR PLATES)
TANK STRAP
INST. PANEL 1/4" SQ.
1/4" SQ. SPRUCE TANK DECK SUPPORT UNDER DECK
GUSSETS 1/4" PLY
DRILL 3/16"
EXHAUST - COOLING TUNNEL
COVERING - SIDE PANEL - 5, FROM "C" BACK TO DOOR FRAME 2, FROM 1/32" PLY.
COWL LINE
STEEL L.G. TORSION STRAPS
STRINGERS FROM THIS FORMER AFT - ON TOP
2 OF 1/2" PINE
SERVO ACCESS
THIS PLATE IS FIRST CROSS MEMBER IN 1/32" PLYWOOD - GIVES AUTO-ALIGNMENT OF ENTIRE FUSE
1" DIA. LIGHTENING HOLES
1/2" GUSSET (STEP SUPPORT - BOTH SIDES - BOTTOM)
BOT. 1/4" SQ.
TOP 1/4" SQ.
3/16" PLY PLATE GLUE TO BOT OF WING SUPPORTS
PUSHROD SUPPORT
1/4" X 1/2"
*BEFORE SIDE PANELS ARE ON MAKE SMALL RAZOR SAW CUTS IN THIS AREA, TOP & BOT., BOTH SIDES & FILL WITH "TITEBOND" JUST BEFORE BEND TO ASSY.
3/16" DOWEL WINSHIELD BRACES FROM "DT" TO TOP OF "C"
WING MT. STUBS FROM MAPLE 1/2" X 3 3/8"
.040 DURAL
DRILL 3/16" THREAD FOR 1/4-20 (TYP-ALL WING MT. STUBS)
STEP (BOTH SIDES)
COVER WITH # 220 WET/DRY PAPER.
NOTE - SCALE FUSE WIDTH IS 10 1/2" - WIDTH HERE IS 8 1/2 - BIGGEST DEVIATION FROM ABSOLUTE SCALE.
1/8" PLY.
CUT TO DOTTED LINE FROM 1/8" BALSA SHEET - GLUE TO FRONT OF "D" FOR PLANKING SUPPORT.
CUT THESE SHAPES OUT OF "D" ONLY - TO CLEAR L.G. TOW STRAPS
STRINGERS (TYP - BOTH SIDES) 1/8" X 3/8"
STRINGERS TAPERED FROM THIS POINT AFT TO 1/8" X 1/8"
1/8" PLY
HORIZONTAL STAB IS SHEETED WITH 1/32" PLY. TOP AND BOTTOM. SHEETING ENDS AT "H" SPAR 1. FISHTAIL SHEETING ENDS AT DEVEL LINE ON "H" SPAR 1 ... ALSO SHEETED TOP & BOTTOM WITH 1/32" PLY.
STAB. FRONT PLATE - BLOCK-UP 1/4" FOR ASSY.
END PLY SHEETING ON STAB HERE
TYP - 1/4" PLY WINDE BLOCK
SPAR
DRILL - 1/16"
1/4" X 3/4"
3/8" X 15/16"
1/8" SOFT ALUM.
EPOXY
"H" SPAR 2
"H" SPAR 1
HS-1 (SEE TOP OF THIS SHEET)
FILL BETWEEN ALL RIBS WITH 1/8" X 1/4" BALSA
3/16" RIBS
3/8" X 1/2" BLOCK-UP 3/16" FOR ASSY.
1/4" X 1/2" BALSA - BLOCK UP SECTOR ASSY.
3/8" X 1 1/4" TAPER TO MATCH SPAR.
ADD FILLERS
1/32" PLY SKIN AFTER ASSY - ON 5 & 6 ONLY ON ROLLS STAB ONLY
1/8" SHEET
BLOCK-UP 3/8" FOR ASSY - 1" OK BOTH, 3/8" FOR "H" SPAR 2
1/8"
CUT-OUT PATTERN — OR — FILL BETWEEN STRINGERS AT THIS FORMER WITH SCRAP 1/8" SHEET BALSA TO THIS OUTLINE
NOTE - ALL STRINGERS ARE ATTACHED 90° TO FORMER EDGES
1/8" PLY
SHAPE FROM 1/8" SQ. SPRUCE
STAB. FRONT PLATE - 2 FROM 1/4" SOFT BALSA
3/32" TIPS - BOTH SIDES OF PLY.
SEE PERT VIEWS & SIDE VIEWS FOR TAPER & AIRFOIL.
1/8" X 3/8" SPRUCE L.E.
1/4" X 1/2" BALSA
1/4" PLY - ALL SECTIONS - (4)
3/8" X 4" SPRUCE - 2 POS.
1/4" X 1/2" SPRUCE STRIPS
TANK AREA
BALSA TANK RETAINERS
3/16" PLY TANK DECK
1/4" PLY GUSSET, EACH CORNER
1/4" SQ. SPRUCE
MAPLE COWL ATTACH BLOCKS - USE AT LEAST 2 ROWS OF 1/4" ROUND DOWELS FACE ON "C"
DRILL 3/32"
VINYL TAPE UNDER
TANK STRAP - 1 FROM .040 ALUM.
DATUM LINE #2
INBOARD SIDE
EXHAUST/COOLING TUNNEL - GLUE & SIZE "LITE-PLY"
OUTBOARD SIDE
TRIM TO SHAPE AFTER FINAL ASSY.
1/8" X 1" PLY PANEL FORMS REAR OF THE TANK. FORWARD PLY PANEL - PLY AHEAD TANK FORWARD TO CONN. PLY. CUT 1/8" RADIUS WITH 3/8" LITE-PLY. GLUE & DOUBLE RESIN COAT ENTIRE UNIT.
THIS FROM 1/8" BALSA - PLANKING SUPPORT - GLUE TO BACK OF THIS FORMER
BACK WITH BALSA THIS OUTLINE
INSTRUMENT PANEL
3/32" PLY.
1/32" PLY COVER.
1/4" SQ. SPRUCE ON FIREWALL SIDE
GUSSETS - CABIN SIDE
WIDTH - DU-BRO WHEEL
FOR MORE CORRECT WHEELS, USE: 4 1/2" "AEROCOAL", AVAILABLE THRU SIG (AEROCOAL WHEELS HAVE TEDD... AND CORRECT WIDTH.)
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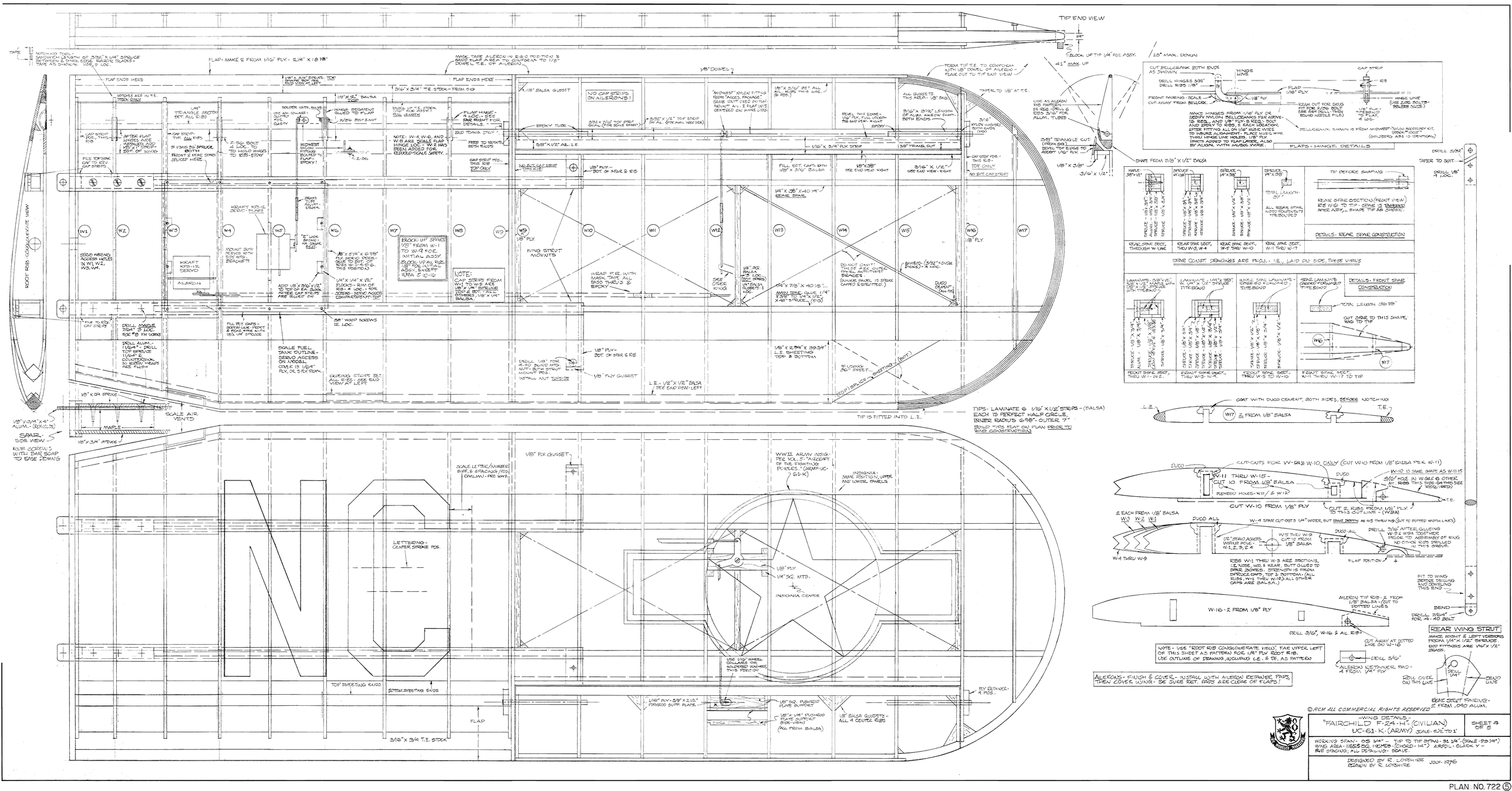
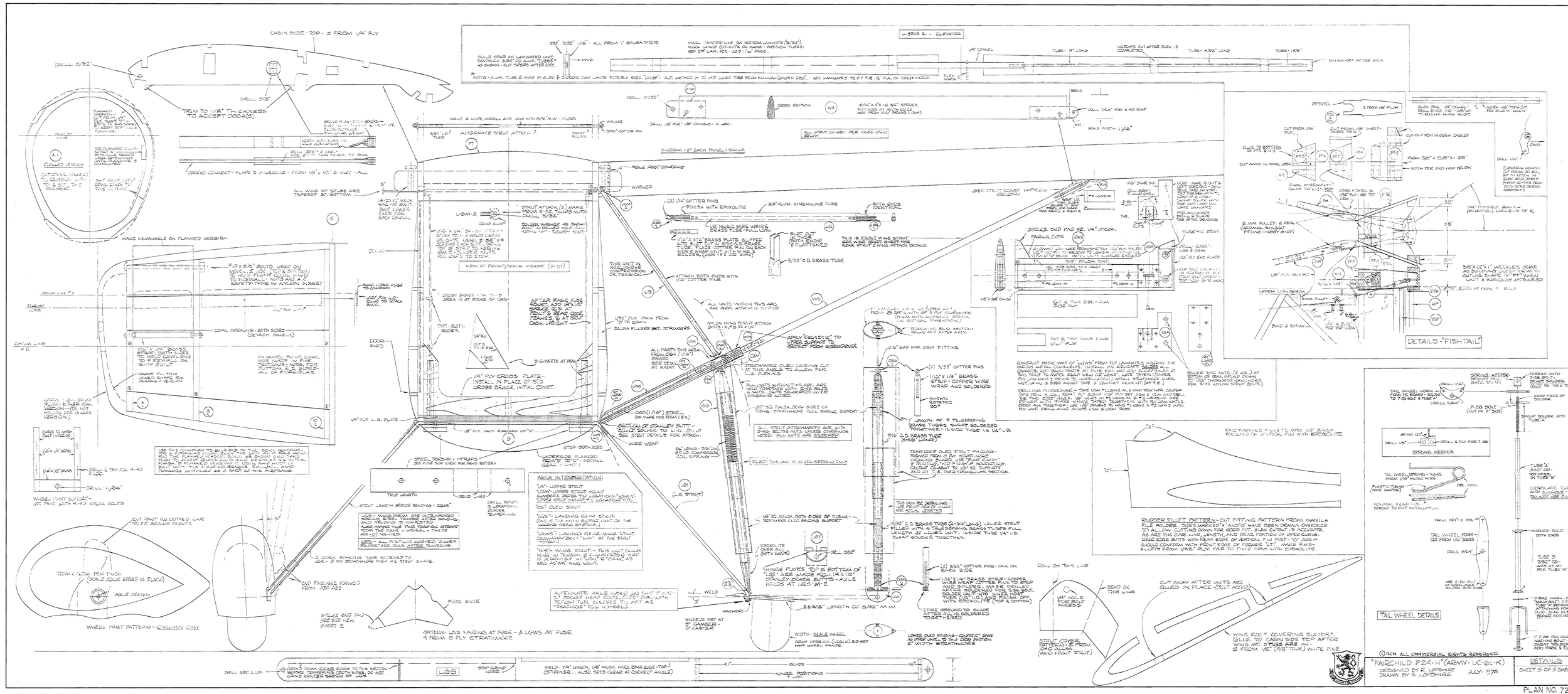
"FAIRCHILD F-24W-9" (ARMY - UC-61-K)
SHEET 3 OF 8
TOP VIEW - FUSE FRAMES AND EMPENNAGE LAYOUT
DESIGNED BY R. LOMBARDI
DRAWN BY R. LOMBARDI
JULY 1976
PLAN NO. 722


TIP END VIEW
FLAP - MAKE 2 FROM 1/16" PLY - 2 1/4" X 18 1/8"
MASK TAPE AILERON IN RIGID POSITION & SAND FLAP AREA TO CONTOUR TO 1/8" DOWEL T.E. OF AILERON
1/8" DOWEL
FORM TIP T.E. TO CONFORM WITH 1/8" DOWEL OF AILERON - TRIM OUT TO TIP SAND VIEW
BLOCK UP TIP 1/4" FOR ASSY.
20° MAX. DOWN
41° MAX. UP
ROOT RIB CONGLOMERATE VIEW
NO CAP STRIPS ON AILERONS!
1/8" BALSA GUSSET
EPOXY TUBE
3/8" X 1/2" AL. L.E.
1/16" X 3/4" PLY STRIP
3/8" TRIANGLE CUT
FILL SET CAPS WITH 1/8" X 3/16" BALSA
1/4" X 3/8" X 40 1/4" SCALE SPAR
WING STRUT MOUNTS
WRAP 4 TIMES WITH MASK TAPE ALL SPARS THRU'S & EPOXY
DO NOT CAULK THESE AREA - SUPER FIN ALL ANTI-TWIST BRACES
(INNER PANEL IS SPRUCE CAPPED & STRUTTED)
MAIN SPAR - GLUE 1/4" X 3/8" TO 1/4" X 1/2" X 48" - SPRUCE - (2 EA)
1/8" X 2 3/4" X 39 3/4" L.E. SHEETING TOP & BOTTOM
TE USAGE 36" SHEET...
TOP SPLICE - SHEETING - (BOT)
DRILL 1/8" FOR 4-40 BOLT AND NUT - BOTH STRUT MOUNT POS. - INSTALL NUT TOP SIDE
1/8" PLY GUSSET
L.E. - 1/2" X 1/2" BALSA / SEE END VIEW - LEFT
TIP IS FITTED INTO L.E.
TIPS - LAMINATE 6 1/16" X 1/2" STRIPS - (BALSA) EACH IS PERFECT HALF CIRCLE, INNER RADIUS 6 3/8" - OUTER 7"
BUILD TIPS FLAT ON PLAN PER TIP WING CONSTRUCTION
SCALE AIR VENTS
SPAR - SIDE VIEW
RIB SCREWS WITH BAR SOAP TO EASE DRIVING
SCALE LETTER/NUMBER SIZE & SPACING POS. CIVILIAN - PRE WW2
WWII AR/NV INSIGNIA NO. 5 "AIRCRAFT OF THE EIGHTH AIR FORCES." (ARMY-UC-61-K)
INSIGNIA - SAME POSITION UPPER AND LOWER PANELS
LETTERING - CENTER STROKE POS.
1/8" PLY
1/4" SQ. MTS.
INSIGNIA CENTER
USE 1/2" WHEEL COLLARS ON SCHERED WASHERS THIS POSITION
TOP SHEETING ENDS
BOTTOM SHEETING ENDS
FLAP
3/8" X 3/4 T.E. STOCK
1/8" PLY - 3/8" X 2 1/2" PUSHROD SUPP. PLATE
1/8" SQ. PUSHROD GUIDE SUPPORT
1/8" X 1/4" PUSHROD GUIDE SUPPORT (ALL FROM BALSA)
1/8" BALSA GUSSETS - ALL 4 CENTER RIBS
PLY RETAINER - 4 POS.
FLAP HINGE - 4 LOC. - SEE FAR RIGHT FOR DETAILS.
NOTE: W-4, W-6, AND W-8 ARE SCALE FLAP HINGE LOC. - W-2 HAS BEEN ADDED FOR EXTRA SCALE SAFETY.
BLOCK UP SPACE 1/2" FROM W-1 TO W-9 FOR INITIAL ASSY. BLOCK UP AL RIB 1/8" FOR INITIAL ASSY. EXCEPT W-9 & 10-16
NOTE: CAP STRIPS FROM W-1 TO W-9 ARE 1/8" - SPRUCE 1/2" & 3/4" - ALL OTHERS 1/8" X 1/4" BALSA.
SCALE FUEL TANK OUTLINE - SERVO ACCESS ON MODEL COVER IS 1/64" PLY, OR 3 PLY FOR...
GLUEING STRIPS SET ALL RIBS - SEE END VIEW AT LEFT
KRAFT KPS-12 SERVO
AILERON
SERVO WIRING ACCESS HOLES IN W1, W2, W3, W4.
MOUNT BOTH SERVOS WITH SIDE MTG. BRACKETS
ADD 1/8" X 3/16" X 1/2" TO TOP OF EA. BLOCK AFTER CAP STRIPS ARE GLUED ON
1/8" X 1/4" X 1/2" BLOCK - RIM OF RIB - 4 LOC. - FOR EXTRA SERVO ACCESS COMPARTMENT - TOP
DRILL MAPLE 7/64" 3 LOC. FOR #8 FH SCREWS
DRILL ALUM. - 11/64" - DRILL TOP SPRUCE 11/64" & COUNTERSINK SO SCREW HEADS ARE FLUSH
FILL SET CAPS - BOTH SIDE - FRONT & REAR SPRUCE WITH 1/16" X 1/4" SPRUCE
3/8" WOOD SCREWS 12 LOC.
1/8" PLY - BOT. OF SPAR & RIB
1/8" X 3/4" SPRUCE
1/8" X 3/4" X 4" ALUM. - (BOTH SIDES)
MAPLE
1/8" X 3/4" SPRUCE
1/8" PLY
1/8" X 2" BALSA TOP
3/16" X 3/4" T.E. STOCK - FROM SHEET
1/4" TRIANGLE SECTION SET ALL RIBS
CAP STRIPS - TYP. ALL RIBS
AFTER FLAP HINGES ARE INSTALLED - ADD 1/8" X 3/8" SPRUCE SET OF 2 - BOT. OF WING
IF USING 3/8" SPRUCE BOTH FRONT & REAR SPARS SPLICE HERE
FILE TOP SIDE OF RIB CAP STRIPS
2-56 BOLT & LOC. TO HOLD HINGE TO RIB - EPOXY
MIDWEST NYLON FITTING BOLTED TO FLAP - EPOXY!
HINGE SEGMENT GLUED TO FLAP
2/56 BOLT & NUT
SOLDER WITH ALUM. NUTS FOR CASTY
USE NON GALVANIZED FOR CASTY
BRASS ADJUST-SCREW
"E" LINK SPRING - HI DRAW SCREW
FLAP HINGE POS. - BOTH SIDES
FREE TO ROTATE BOTH SIDES
GAP STRIP POS. - THIS RIB TOP ONLY
NO BOT CAP STRIP THIS SIDE
1/8" PLY - BOT. OF SPAR & RIB
NOTE - W-1 THRU W-9 ARE SCALE FLAP HINGE LOC. - W-2 HAS BEEN ADDED FOR EXTRA SCALE SAFETY.
1/8" X 3/16" SET ALL RIBS THIS LOC. (8 POS.)
"MIDWEST" NYLON FITTING FROM "ACCES. PACKAGE" SAME UNIT USED ON SAT. MOUNT ALL 5 FLAP UNITS CENTERED ON HINGE LINES.
ALL GUSSETS THIS AREA - 1/8" BALSA
3/16" X 3/16" LENGTH OF ALUM. ANGLE ON SHAFT - BOTH ENDS
3/16" NYLON WASHER BOTH ENDS (MIN)
FILL TOP SIDE
3/8" X 3/16" X 2 3/4" TOP STRIP SCALE (FOR SCALE EFFECT)
3/8" X 1/2" TOP STRIP ON AL. (FOR ANAL NOT SCA)
REMOVE THIS EDGE - 1/16" PLY, FULL LENGTH PER END VIEW - RIGHT
EPOXY
GAP STRIP POS. - THIS RIB - TOP ONLY
NO BOT CAP STRIP!
TAPER TO 1/8" AT T.E.
USE AS AILERON RIB PATTERN - 14-SQ.-DRILL 6 RIBS - 3-56 FOR ALUM. TUBES
3/8" TRIANGLE CUT. (FROM SIDE) - BEVEL TOP EDGE TO RECEIVE 1/16" PLY
1/8" X 3/8"
3/16" X 1/2"
SHAPE FROM 3/8" X 1/2" BALSA
DRILL 5/32"
TAPER TO SUIT
DRILL 1/8" 4 LOC.
CUT BELLCRANK BOTH ENDS AS SHOWN
DRILL HINGES 5/32"
DRILL RIBS 1/8"
FRONT FAIRING - SCALE CUT-AWAY FROM BELLCRK.
HINGE LINE
FLAP 1/16" PLY
1/8" PLY
CAP STRIP
RIB
MAKE HINGES FROM 1/16" PLY OR WORN NYLON BELLCRANKS PER ABOVE - 10 REQ., AND 1/8" PLY 8 REQ.; BOLT AND EPOXY TO RIBS, 2 EACH LOCATION. AFTER FITTING ALL ON 1/16" MUSIC WIRE TO INSURE ALIGNMENT - PLACE MUSIC WIRE THRU HINGE LINE HOLES. 1/8" PLY INSERTS ADDED TO FLAP LATER, ALSO RE-ALIGN WITH MUSIC WIRE.
REAM OUT FOR SAUS FIT FOR 2/56 BOLT USE #44 DRILL THEN ROUND NEEDLE FILE.)
1/8" PLY - TIPBOARD - 4 LOC.
HINGE LINE (USE 2/56 BOLTS - BOLDER NUTS)
BELLCRANK SHOWN IS FROM MIDWEST NYLON ACCESSORY KIT. STOCK CODE (GOLDBERG ARE IS IDENTICAL)
FLAPS - HINGE DETAILS
MAPLE 3/8" X 1/2"
SPRUCE - 1/8" X 3/4" SPRUCE - 1/8" X 3/8" SPRUCE - 1/8" X 3/4" SPRUCE
REAR SPAR SECT. THROUGH W-1, W-2
SPRUCE - 1/8" X 3/4" SPRUCE - 1/8" X 3/8" SPRUCE - 1/8" X 3/4" SPRUCE
REAR SPAR SECT. THRU W-3, W-4
SPRUCE - 1/8" X 1/2" SPRUCE - 1/8" X 3/8" SPRUCE - 1/8" X 1/2"
REAR SPAR SECT. W-5 THRU W-10
SPRUCE 1/4" X 3/8"
TOTAL LENGTH - 37"
ALL REAR SPAR, WING SURFACE TREBLICED
REAR SPAR SECT. W-11 THRU W-17
TIP BEFORE SHAPING
REAR SPAR SECTION (FRONT VIEW) FOR W-10 TO TIP - SPAR IS TAPERED WHEN ADD'D, SHAPE TIP AS SHOWN
DETAILS - REAR SPAR CONSTRUCTION
SPAR COMPT. DRAWINGS ARE PROJ. - T.E., LAID ON SIDE, THESE VIEWS
LAMINATE - 3/8" X 1/2" MAPLE - 1/8" X 3/4" SPRUCE - 1/8" X 3/4" ALUM. - 1/8" X 3/4" (WITH THREAD)
SPRUCE - 1/8" X 3/4" SPRUCE - 1/8" X 3/4" SPRUCE - 1/8" X 3/4"


H-SPAR 2 - ELEVATOR
CABIN SIDE - TOP - 2 FROM 1/4" PLY
TRIM TO 1/8" THICKNESS TO ACCEPT DOORS
ALTERNATE STRUT ATTACH
FUSELAGE - 2" EACH PANEL - SCALE
ALL WING NT STUBS ARE TAPERED 2" BOTTOM
MAKE REMOVABLE ON PLANKED VERSION
VIEW AT FRONT DOOR FRAME (D-D1)
COWL OPENING - BOTH SIDES (DETACH. PANELS)
DATUM LINE "S"
THRUST LINE
DATUM LINE "B"
DOOR EARS
STEP - BOTH SIDES
UNDERSIDE PLANKED FROM "D" TO "C" - INSTALL GEAR - 1/4" PLY
SECTION OF STANLEY BUTT - COLD SOLDERED TO L.G. SHUT SEE STRUT DETAILS FOR ATTACH.
WIRE WRAP
STEEL TORSION STRAPS SEE FUSE SIDE VIEW FOR BEND PATTERN
TRUE LENGTH
BEND LINES
STRUT LENGTH (BEFORE BENDING - 23 3/4")
LGS - MAKE FROM ONE UNFLANGED 1/4" PLY STRATHMORE BEHIND AND WELDED - 3 COMPARTMENT ALSO MAKE THE TWO TORSION STRAPS FROM THE SAME 3 INTERVALS - THESE ARE NOT WELDED.
NOTE - ALL POSITIONS MARKED "SCHER" SCHER ARE DRAW CUTTER TEMPLATES.
2 SIDED ADHESIVE TAPE FASTENED TO LGS - 3 PLY STRATHMORE OVER AS STRUT SHAPE.
END FAIRINGS FORMED FROM .030 ABS
SPRUCE END PAD SEE SIDE VIEW, SHEET 2.
FUSE SIDE
PATTERN - LGS FAIRING AT FUSE - & LGWS AT FUSE 4 FROM 3 PLY STRATHMORE
AREA INTERPRETATION:
"US" - UPPER STRUT
"USM" - UPPER STRUT MOUNT NUMBER 2 SHOWS TO LOCATION (US-2 "USM-1" UPPER STRUT MOUNT #1 LOCATION) ETC.
"DS" - OLEO STRUT
"LGS" - LANDING GEAR STRUT. (THE THE MAIN SUPPORT UNIT OF THE LANDING GEAR SYSTEM.)
"LGWS" - LANDING GEAR-WING STRUT. (SECONDARY BRACE "LGWS" OF THE STRUT "STRAIN.")
"WS" - WING STRUT - THIS UNIT CALLED WING or TENSION STRUT (WS-1 AND WS-2) IS DEVISED AT "USM" & "DSM" AS WELL AS WM - WING MOUNT.
ALTERNATE AXLE - (USED ON SHIP "K" UNIT) 2" DOCKET HEAD BOLTS / 1/2" DIA. (WITH TEFLON TUBE SLEEVES TO ACT AS "BEARINGS" FOR WHEELS.)
WHEEL PANT SUPPORT - MT. PANT WITH 4-40 NYLON BOLTS
CUT PANT ON DOTTED LINE TO FIT AROUND SHOCKS
TRIM CABIN FOR FUSE (SCALE COLOR SHOWN IN BLACK)
"AXLE CENTER"
WHEEL PANT PATTERN - CIVILIAN ONLY
DRILL 9/32", 2 LOC.
BEND DOWN SPRAG EDGE TO THIS SECTION ONLY BEFORE TEMPERING - DO NOT BEND CENTER SECTION OF LGS
LGS
STOP GRAND WIRE
WELD - 7/8" LENGTH, 1/8" MUSIC WIRE, SPAR EDGE - TOP 2 (STIFFNER ... ALSO SETS GEAR AT CORRECT ANGLE)
BENDS
HINGE POSITIONS
WINGS - SCALE WHEEL
ADAW VERSION (VGS-1, 2) AND NOT HAVE WHEEL PANTS.
LGWS USES FAIRING - COMPLETE SAME AS UPPER UNIT... TO THIS CROSS SECTION. 2" WIDTH STRATHMORE
ROLL ON THIS LINE
BEND ON THIS LINE
1/4" HOLE FOR BOLT ACCESS
STRUT COVER PATTERN - 2 FROM .040 ALUM. (ANVIL - FOOT - STRUT)
CUT AWAY AFTER UNITS ARE GLUED IN PLACE - (BOLT ACCESS)
WING ROOT COVERING SUB-PART. GLUE TO CABIN SIDE TOP AFTER WING MT. STUBS ARE IN - 2 FROM 1/2" (3/8" TRUE) WHITE PINE.
DETAILS - "FISHTAIL"
RUDDER FILLET PATTERN - CUT FITTING PATTERN FROM MANILA FILE FOLDER. SIDES MARKED "X" AND "O" HAVE BEEN DRAWN OVERSIZE TO ALLOW CUTTING DOWN FOR GOOD FIT. ELEV. CUTOUT IS ACCURATE. AS ARE THE EARE LINE, LENGTH, AND EXAR PORTION OF UPPER CURVE. SEAR EDGE BUTTS WITH SEAR EDGE OF VERTICAL FIN POST - "O" AREA. SHOULD CONFORM WITH FRONT EDGE OF FORWARD "JT". MAKE FINISH FILLETS FROM 1/32" PLY. FAIR TO FINE STRIP WITH EPOXOLITE
TAIL WHEEL DETAILS
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"FAIRCHILD F24-H" (ARMY - UC-61-K)
DESIGNED BY R. LOPSHIRE
DRAWN BY R. LOPSHIRE
JULY 1978
DETAILS
SHEET 5 OF 5 SHEETS
PLAN NO. 722 ⑤