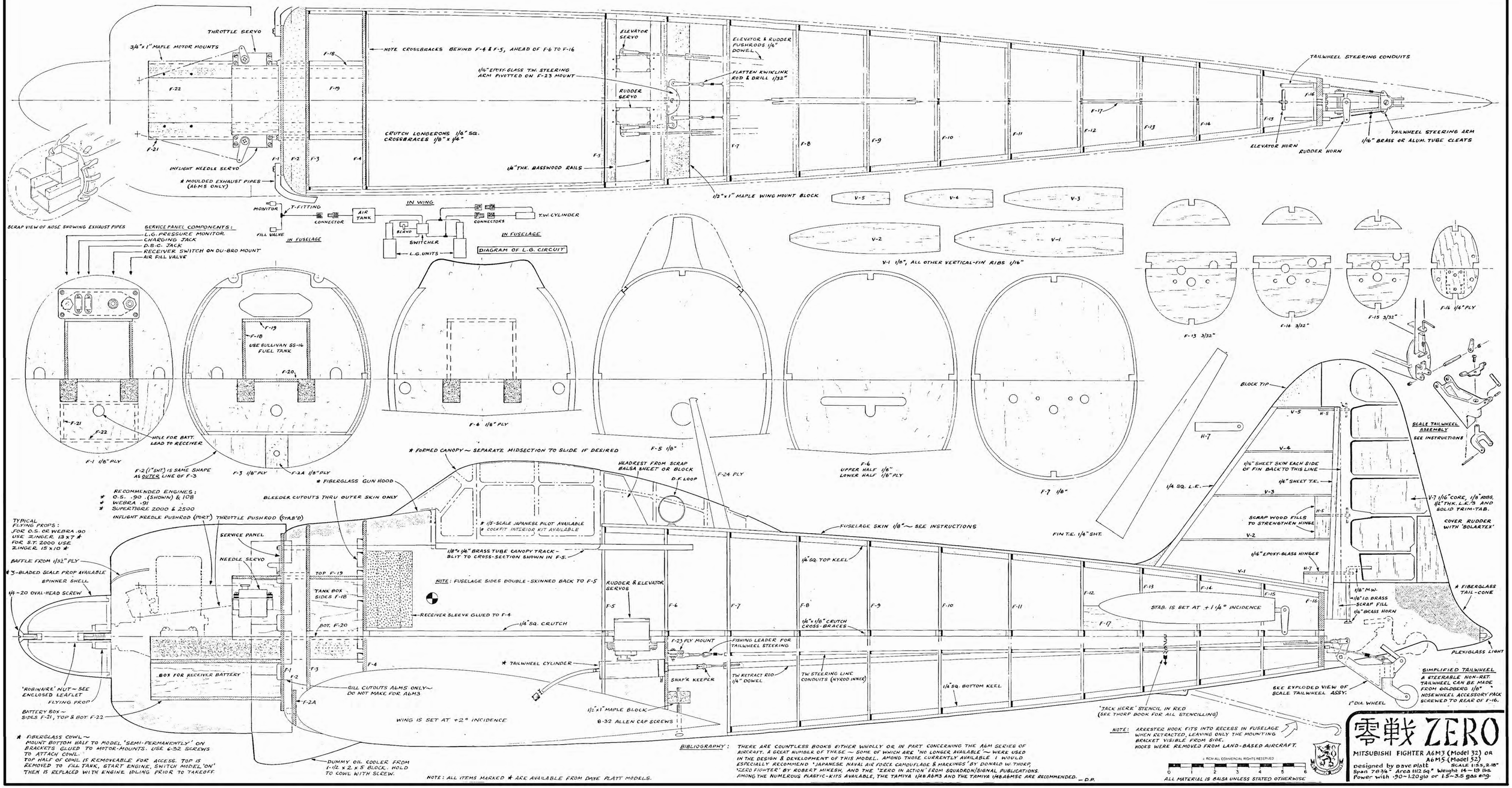

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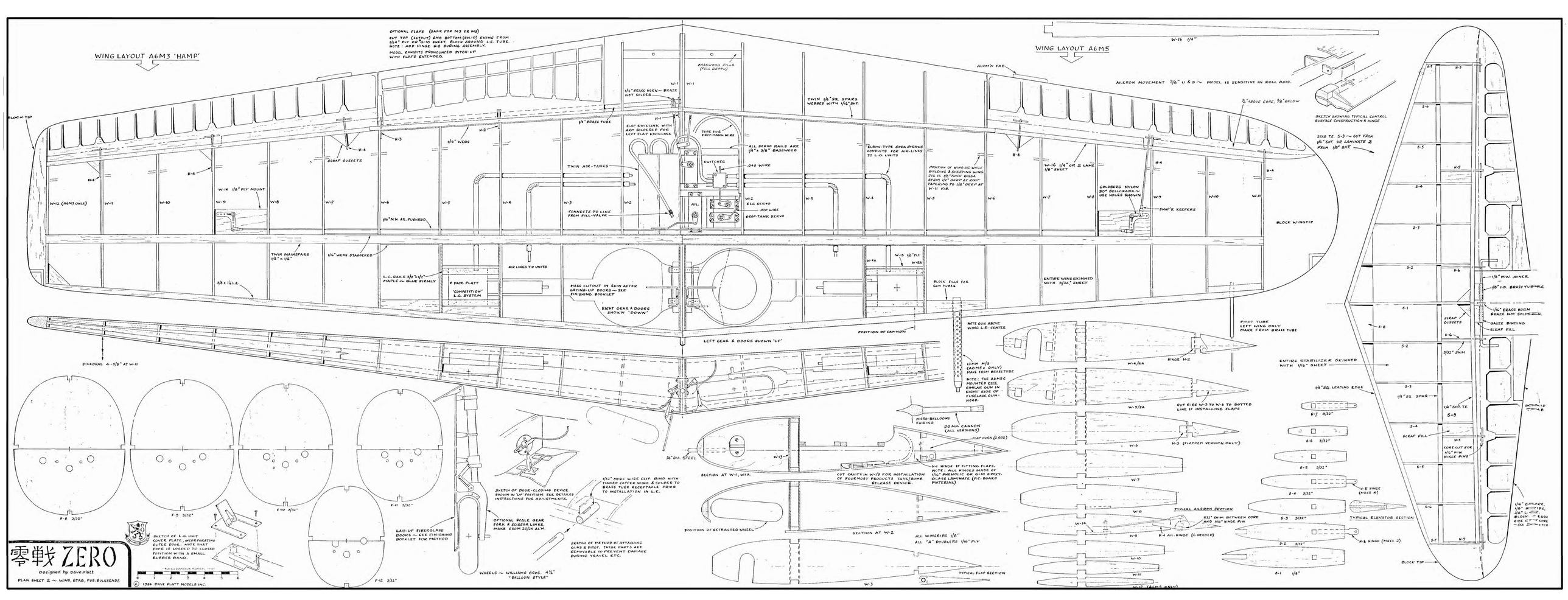
WING LAYOUT A6M3 'HAMP'
OPTIONAL FLAPS (SAME FOR M3 OR M5)
CUT TOP (CUTOUT) AND BOTTOM (SOLID) SKINS FROM 1/64" PLY OR 5-10 SHEET. BLOCK AROUND L.E. TUBE.
NOTE: ADD HINGE W-2 DURING ASSEMBLY.
MODEL EXHIBITS PRONOUNCED PITCH-UP WITH FLAPS EXTENDED.
BASSWOOD FILLS (FULL DEPTH)
1/16" BRASS NORN — BRAZE NOT SOLDER
TWIN 1/8" SQ. SPARS WEBBED WITH 1/16" SHT.
ALUM'N TAB
BLOCK TIP
SCRAP GUSSETS
1/16" WEBS
1/4" BRASS TUBE
FLAP KNICKLINK WITH ARM SOLDERED FOR LEFT FLAP KNICKLINK
TUBE FOR DROP-TANK WIRE
ALL SERVO RAILS ARE 1/4" x 3/8" BASSWOOD
ELBOW-TYPE SODA STRAWS CONDUITS FOR AIR-LINES TO L.O. UNITS
POSITION OF WING JIG WHILE BUILDING & SHEETING WING. JIG IS 1/8" THICK BALSA STRIP, 1/2" DEEP AT ROOT TAPERING TO 1/8" DEEP AT W-11 RIB.
W-16 1/4" OR 2 LAMS 1/8" SHEET
AILERON MOVEMENT 3/8" U & D — MODEL IS SENSITIVE IN ROLL AXIS.
3/8" ABOVE CORE, 3/8" BELOW
SKETCH SHOWING TYPICAL CONTROL SURFACE CONSTRUCTION & HINGE
STAB T.E. S-3 — CUT FROM 1/8" SHT. OR LAMINATE 2 FROM 1/16" SHT.
TWIN AIR-TANKS
SWITCHER
.040 WIRE
W-2 RLG SERVO
.020 WIRE
DROP-TANK SERVO
AIL.
CONNECTS TO LINC FROM FILL-VALVE
1/16" M.W. AIL. PUSHROD
GOLDBERG NYLON BOT BELLCRANK — USE HOLES SHOWN
SNAP'R KEEPERS
BLOCK WINGTIP
TWIN MAINSPARS 1/8" x 1/2"
1/16" WEBS STAGGERED
L.G. RAILS 3/16"x1/2" MAPLE — GLUE FIRMLY
3/8 x 12 L.E.
DAVE PLATT 'COMPETITION' L.G. SYSTEM
AIR LINES TO UNITS
MAKE CUTOUT IN SKIN AFTER LAYING-UP DOORS — SEE FINISHING BOOKLET
RIGHT GEAR & DOORS SHOWN "DOWN"
LEFT GEAR & DOORS SHOWN 'UP'
W-15 1/8" PLY
W-15A
BLOCK FILLS FOR GUN TUBES
ENTIRE WING SKINNED WITH 3/32" SHEET
POSITION OF CANNON
NOTE GUN ABOVE WING L.E. CENTER
13MM M/G (A6M5 C ONLY) MAKE FROM BRASS TUBE
NOTE: THE A6M5C MOUNTED ONE SIMILAR GUN IN RIGHT SIDE OF FUSELAGE GUN-HOOD.
PITOT TUBE LEFT WING ONLY MAKE FROM BRASS TUBE
ENTIRE STABILIZER SKINNED WITH 1/16" SHEET
DIHEDRAL 4-5/8" AT W-11
W-16 1/4"
W-4/4A
HINGE H-2
W-5/5A
CUT RIBS W-3 TO W-6 TO DOTTED LINE IF INSTALLING FLAPS
W-6
H-3 (FLAPPED VERSION ONLY)
W-7
W-8
W-14
W-9
W-10
W-11
W-12 (A6M3 ONLY)
H-4 ALL HINGE (6 NEEDED)
1/32" SHIM BETWEEN CORE AND 1/16" HINGE PIN
TYPICAL AILERON SECTION
TYPICAL ELEVATOR SECTION
H-5 HINGE (MAKE 2)
S-1 1/8"
1/4" SQ. LEADING EDGE
E-7 3/32"
E-6 3/32"
E-5 3/32"
E-4 3/32"
E-3 3/32"
E-2 3/32"
W-5 HINGE (MAKE 4)
1/4" SQ. SPAR
1/4" SHT. T.E.
S-3
SCRAP FILL
CORE CUT FOR 1/16" M.W. HINGE PINS
1/16" CORE, 1/8" EDGING, 3/8" L.E. BLOCK — EACH SIDE OF "T" CORE — SEE SECTION
SECTION A-B
1/16" M.W. JOINER
1/8" I.D. BRASS TUBING
1/16" BRASS HORN BRAZE NOT SOLDER
GAUZE BINDING
SCRAP GUSSETS
3/32" SKIN
SCRAP FILL
BLOCK TIP
F-8 3/32"
F-9 3/32"
F-10 3/32"
F-11 3/32"
F-12 3/32"
LAID-UP FIBERGLASS DOORS — SEE FINISHING BOOKLET FOR METHOD
SKETCH OF DOOR-CLOSING DEVICE SHOWN IN 'UP' POSITION. SEE DETAILED INSTRUCTIONS FOR ADJUSTMENTS.
OPTIONAL SCALE GEAR, FORK & SCISSOR LINKS, MAKE FROM 20/24 ALM.
1/32" MUSIC WIRE CLIP. BIND WITH TINNED COPPER WIRE & SOLDER TO BRASS TUBE RECEPTACLE PRIOR TO INSTALLATION IN L.E.
SKETCH OF METHOD OF ATTACHING GUNS & PITOT. THESE PARTS ARE REMOVABLE TO PREVENT DAMAGE DURING TRAVEL ETC.
WHEELS — WILLIAMS BROS. 4 1/2" "BALLOON STYLE"
SKETCH OF L.G. UNIT COVER PLATE, INCORPORATING OUTER DOOR. NOTE THAT DOOR IS LOADED TO CLOSED POSITION WITH A SMALL RUBBER BAND.
1/4" DIA. STEEL
SECTION AT W-1, W-1A
MICRO-BALLOONS FAIRING
20 MM CANNON (ALL VERSIONS)
FLAP HORN (2 REQ.)
CUT CAVITY IN W-1'S FOR INSTALLATION OF FOUREMOST PRODUCTS TANK/BOMB RELEASE DEVICE.
H-1 HINGE IF FITTING FLAPS. NOTE: ALL HINGES MADE OF 1/16" PHENOLIC OR G-10 EPOXY-GLASS LAMINATE (P.C. BOARD MATERIAL)
SECTION AT W-2
POSITION OF RETRACTED WHEEL
ALL WINGRIBS 1/8"
ALL "A" DOUBLERS 1/16" PLY
TYPICAL FLAP SECTION
W-3
零戦 ZERO
designed by Dave Platt
PLAN SHEET 2 — WING, STAB, FUS. BULKHEADS
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