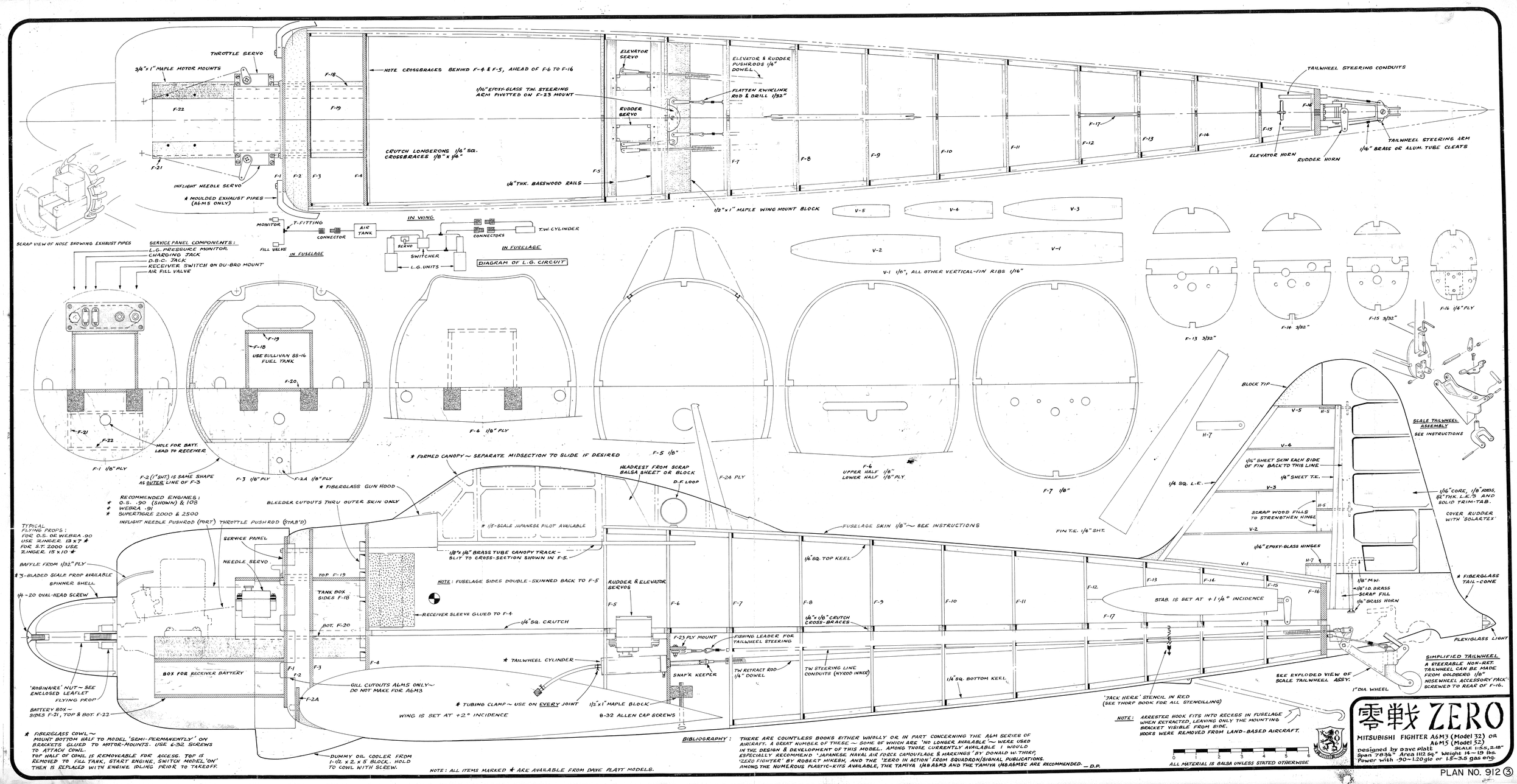
THROTTLE SERVO
3/4"x 1" MAPLE MOTOR MOUNTS
F-18
NOTE CROSSBRACES BEHIND F-4 & F-5, AHEAD OF F-6 TO F-16
ELEVATOR SERVO
ELEVATOR & RUDDER PUSHRODS 1/4" DOWEL.
1/16" EPOXY-GLASS T.W. STEERING ARM PIVOTTED ON F-23 MOUNT
FLATTEN KWIKLINK ROD & DRILL 1/32"
RUDDER SERVO
TAILWHEEL STEERING CONDUITS
F-22
F-19
F-21
CRUTCH LONGERONS 1/4" SQ.
CROSSBRACES 1/8" x 1/4"
F-1
F-2
F-3
F-4
F-5
F-7
F-8
F-9
F-10
F-11
F-12
F-13
F-14
F-15
F-16
F-17
ELEVATOR HORN
RUDDER HORN
TAILWHEEL STEERING ARM
1/16" BRASS OR ALUM. TUBE CLEATS
INFLIGHT NEEDLE SERVO
★ MOULDED EXHAUST PIPES (A6M5 ONLY)
1/4" THK. BASSWOOD RAILS
1/2"x 1" MAPLE WING MOUNT BLOCK
V-5
V-4
V-3
V-2
V-1
V-1 1/8", ALL OTHER VERTICAL-FIN RIBS 1/16"
SCRAP VIEW OF NOSE SHOWING EXHAUST PIPES
SERVICE PANEL COMPONENTS:
L.G. PRESSURE MONITOR.
CHARGING JACK
D.B.C. JACK
RECEIVER SWITCH ON DU-BRO MOUNT
AIR FILL VALVE
MONITOR
T-FITTING
CONNECTOR
AIR TANK
FILL VALVE
IN FUSELAGE
IN WING
SERVO
SWITCHER
L.G. UNITS
CONNECTORS
T.W. CYLINDER
IN FUSELAGE
DIAGRAM OF L.G. CIRCUIT
F-13 3/32"
F-14 3/32"
F-15 3/32"
F-16 1/4" PLY
F-19
F-18
USE SULLIVAN SS-16 FUEL TANK
F-20
F-21
F-22
HOLE FOR BATT. LEAD TO RECEIVER
F-1 1/8" PLY
F-2 (1" SHT.) IS SAME SHAPE AS OUTER LINE OF F-3
F-3 1/8" PLY
F-2A 1/8" PLY
F-4 1/8" PLY
F-5 1/8"
F-6
UPPER HALF 1/8"
LOWER HALF 1/8" PLY.
F-7 1/8"
BLOCK TIP
V-5
H-5
H-7
V-4
1/16" SHEET SKIN EACH SIDE OF FIN BACK TO THIS LINE
1/4" SHEET T.E.
1/4 SQ. L.E.
V-3
1/16" CORE, 1/8" RIBS, 1/2" THK L.E.'S AND SOLID TRIM-TAB.
COVER RUDDER WITH 'SOLARTEX'
SCRAP WOOD FILLS TO STRENGTHEN HINGE
V-2
1/16" EPOXY-GLASS HINGES
V-1
FIN T.E. 1/4" SHT.
SCALE TAILWHEEL ASSEMBLY
SEE INSTRUCTIONS
★ FORMED CANOPY ~ SEPARATE MIDSECTION TO SLIDE IF DESIRED
HEADREST FROM SCRAP BALSA SHEET OR BLOCK
D.F. LOOP
F-24 PLY
★ FIBERGLASS GUN HOOD
BLEEDER CUTOUTS THRU OUTER SKIN ONLY
RECOMMENDED ENGINES:
★ O.S. .90 (SHOWN) & 108
★ WEBRA .91
★ SUPERTIGLE 2000 & 2500
INFLIGHT NEEDLE PUSHROD (PORT)
THROTTLE PUSHROD (STAB'D)
TYPICAL FLYING PROPS:
FOR O.S. OR WEBRA .90
USE ZINGER 13 x 7 ★
FOR S.T. 2000 USE ZINGER 15 x 10 ★
SERVICE PANEL
NEEDLE SERVO
BAFFLE FROM 1/32" PLY
★ 3-BLADED SCALE PROP AVAILABLE
SPINNER SHELL
1/4-20 OVAL-HEAD SCREW
★ 1/5-SCALE JAPANESE PILOT AVAILABLE
1/8"x 1/4" BRASS TUBE CANOPY TRACK - SLIT TO CROSS-SECTION SHOWN IN F-5.
NOTE: FUSELAGE SIDES DOUBLE-SKINNED BACK TO F-5
TOP F-19
TANK BOX SIDES F-18
BOT. F-20
RECEIVER SLEEVE GLUED TO F-4
1/4" SQ. CRUTCH
RUDDER & ELEVATOR SERVOS
F-5
F-6
F-7
F-8
F-9
F-10
F-11
F-12
F-13
F-14
F-15
F-16
F-17
1/4" SQ. TOP KEEL
1/8" x 1/8" CRUTCH CROSS-BRACES
FUSELAGE SKIN 1/8" ~ SEE INSTRUCTIONS
STAB. IS SET AT +1 1/4° INCIDENCE
1/8" M.W.
1/16" I.D. BRASS SCRAP FILL
1/16" BRASS HORN
★ FIBERGLASS TAIL-CONE
PLEXIGLASS LIGHT
F-23 PLY MOUNT
FISHING LEADER FOR TAILWHEEL STEERING
★ TAILWHEEL CYLINDER
TW RETRACT ROD 1/4" DOWEL
TW STEERING LINE CONDUITS (NYROD INNER)
SNAP'R KEEPER
1/4" SQ. BOTTOM KEEL
SEE EXPLODED VIEW OF SCALE TAILWHEEL ASSY.
1" DIA. WHEEL
SIMPLIFIED TAILWHEEL
A STEERABLE NON-RET. TAILWHEEL CAN BE MADE FROM GOLDBERG 1/8" NOSEWHEEL ACCESSORY PACK SCREWED TO REAR OF F-16.
BOX FOR RECEIVER BATTERY
'ROBINAIRE' NUT ~ SEE ENCLOSED LEAFLET
FLYING PROP
BATTERY BOX ~ SIDES F-21, TOP & BOT. F-22
GILL CUTOUTS A6M5 ONLY ~ DO NOT MAKE FOR A6M3
F-1
F-2
F-3
F-4
F-2A
★ TUBING CLAMP ~ USE ON EVERY JOINT
1/2"x1" MAPLE BLOCK
8-32 ALLEN CAP SCREWS
WING IS SET AT +2° INCIDENCE
'JACK HERE' STENCIL IN RED (SEE THORP BOOK FOR ALL STENCILLING)
NOTE: ARRESTER HOOK FITS INTO RECESS IN FUSELAGE WHEN RETRACTED, LEAVING ONLY THE MOUNTING BRACKET VISIBLE FROM SIDE. HOOKS WERE REMOVED FROM LAND-BASED AIRCRAFT.
★ FIBERGLASS COWL ~ MOUNT BOTTOM HALF TO MODEL 'SEMI-PERMANENTLY' ON BRACKETS GLUED TO MOTOR-MOUNTS. USE 6-32 SCREWS TO ATTACH COWL. TOP HALF OF COWL IS REMOVEABLE FOR ACCESS. TOP IS REMOVED TO FILL TANK, START ENGINE, SWITCH MODEL 'ON' THEN IS REPLACED WITH ENGINE IDLING PRIOR TO TAKEOFF.
DUMMY OIL COOLER FROM 1-1/2 x 2 x 5 BLOCK. HOLD TO COWL WITH SCREW.
NOTE: ALL ITEMS MARKED ★ ARE AVAILABLE FROM DAVE PLATT MODELS.
BIBLIOGRAPHY: THERE ARE COUNTLESS BOOKS EITHER WHOLLY OR IN PART CONCERNING THE A6M SERIES OF AIRCRAFT. A GREAT NUMBER OF THESE ~ SOME OF WHICH ARE 'NO LONGER AVAILABLE' ~ WERE USED IN THE DESIGN & DEVELOPMENT OF THIS MODEL. AMONG THOSE CURRENTLY AVAILABLE I WOULD ESPECIALLY RECOMMEND 'JAPANESE NAVAL AIR FORCE CAMOUFLAGE & MARKINGS' BY DONALD W. THORP, 'ZERO FIGHTER' BY ROBERT MIKESH, AND THE 'ZERO IN ACTION' FROM SQUADRON/SIGNAL PUBLICATIONS. AMONG THE NUMEROUS PLASTIC-KITS AVAILABLE, THE TAMIYA 1/48 A6M3 AND THE TAMIYA 1/48 A6M5C ARE RECOMMENDED. — D.P.
0 1 2 3 4 5 6
ALL MATERIAL IS BALSA UNLESS STATED OTHERWISE
零戦 ZERO
MITSUBISHI FIGHTER A6M3 (Model 32) OR A6M5 (Model 52)
designed by Dave Platt
SCALE 1:5.5, 2.18"
Span 78.34" Area 1112 sq" Weight 14-15 lbs.
Power with .90-1.20 glo or 1.5-3.5 gas eng.
PLAN NO. 912 ③