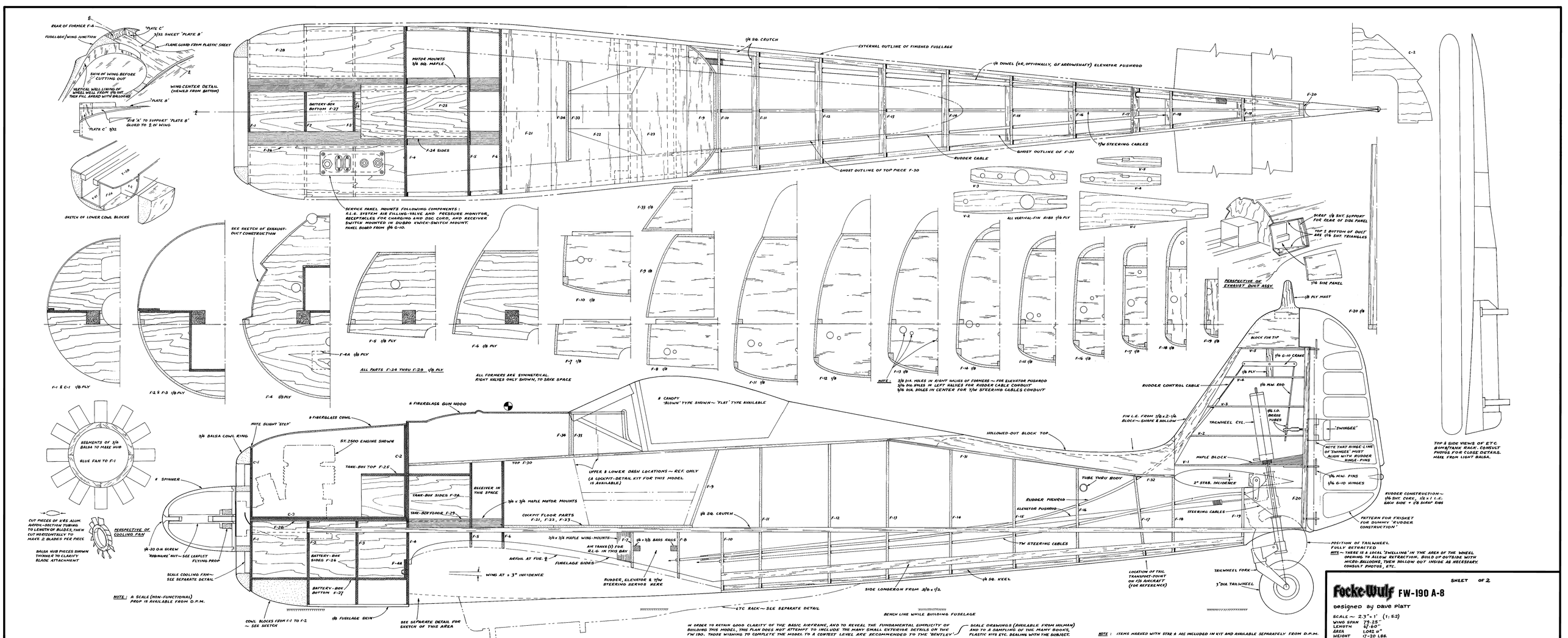
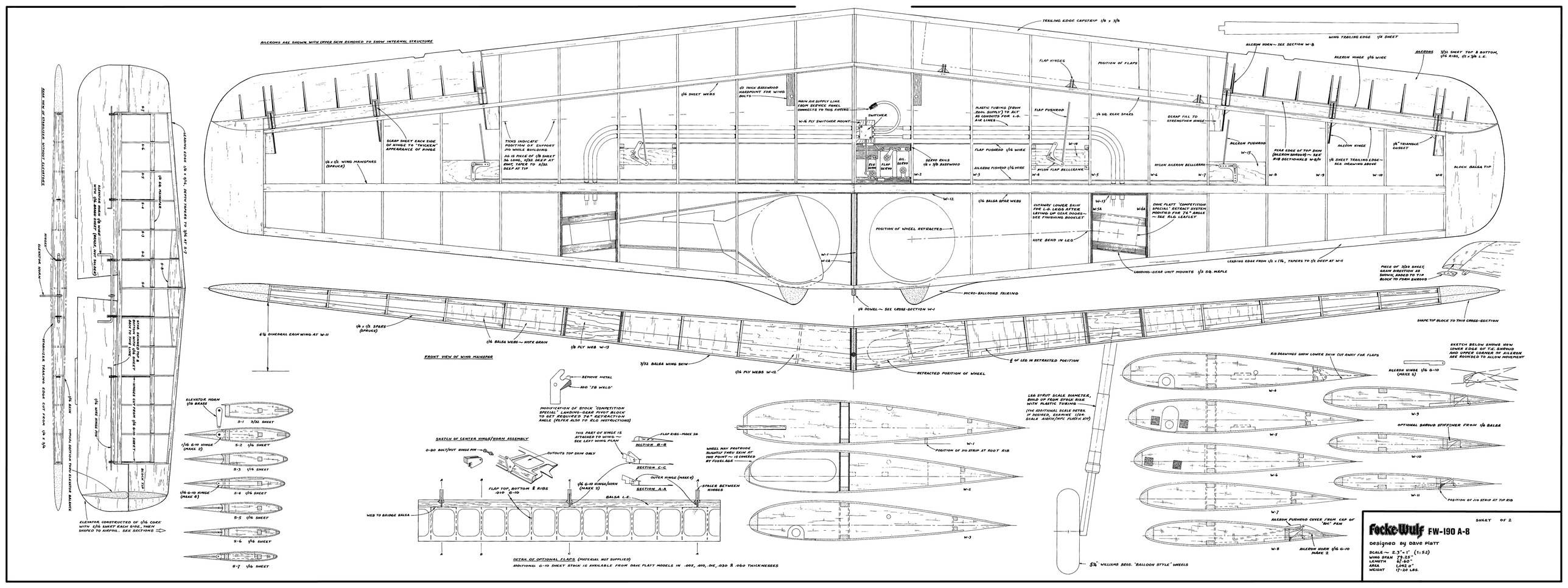

REAR OF FORMER F-4
FUSELAGE/WING JUNCTION
'PLATE C'
3/32 SHEET 'PLATE B'
FLAME GUARD FROM PLASTIC SHEET
SKIN OF WING BEFORE CUTTING OUT
VERTICAL WALL LINING OF WHEEL WELL FROM 1/16 SHT., THEN FILL AHEAD WITH BALLOONS
WING CENTER DETAIL (VIEWED FROM BOTTOM)
'PLATE B'
RIB 'X' TO SUPPORT 'PLATE B' GLUED TO ℄ OF WING
'PLATE C' 3/32
SKETCH OF LOWER COWL BLOCKS
MOTOR MOUNTS 3/4 SQ. MAPLE
BATTERY-BOX BOTTOM F-27
F-24 SIDES
1/4 SQ. CRUTCH
EXTERNAL OUTLINE OF FINISHED FUSELAGE
1/8 DOWEL (OR, OPTIONALLY, OF ARROWSHAFT) ELEVATOR PUSHROD
1/16 STEERING CABLES
GHOST OUTLINE OF F-31
RUDDER CABLE
GHOST OUTLINE OF TOP PIECE F-30
SERVICE PANEL MOUNTS FOLLOWING COMPONENTS: R.L.G. SYSTEM AIR FILLING-VALVE AND PRESSURE MONITOR, RECEPTACLES FOR CHARGING AND DSC CORD, AND RECEIVER. SWITCH MOUNTED IN DUBRO KNICK-SWITCH MOUNT. PANEL BOARD FROM 1/16 G-10.
ALL VERTICAL-FIN RIBS 1/16 PLY
SCRAP 1/8 SHT SUPPORT FOR GEAR OF SIDE PANEL
TOP & BOTTOM OF DUCT ARE 1/16 SHT. TRIANGLES
1/16 SIDE PANEL
PERSPECTIVE OF EXHAUST DUCT ASSY.
1/8 PLY MAST
SEE SKETCH OF EXHAUST-DUCT CONSTRUCTION
F-1 & C-1 1/8 PLY
F-2 & F-3 1/8 PLY
F-4 1/8 PLY
F-4A 1/8 PLY
ALL PARTS F-24 THRU F-29 1/8 PLY
F-5 1/8 PLY
F-6 1/8 PLY
ALL FORMERS ARE SYMMETRICAL. RIGHT HALVES ONLY SHOWN, TO SAVE SPACE
F-7 1/8
F-8 1/8
F-11 1/8
F-12 1/8
F-13 1/8
F-14 1/8
F-15 1/8
F-16 1/8
F-17 1/8
F-18 1/8
F-19 1/8
F-20 1/8
NOTE: 3/16 DIA. HOLES IN RIGHT HALVES OF FORMERS — FOR ELEVATOR PUSHROD
3/16 DIA. HOLES IN LEFT HALVES FOR RUDDER CABLE CONDUIT
3/16 DIA. HOLES IN CENTER FOR 1/16 STEERING CABLES CONDUIT
BLOCK FIN TIP
1/16 G-10 CRANK
1/8 PLY
1/16 MW. ROD
RUDDER CONTROL CABLE
FIN L.E. FROM 7/8 x 2-1/4 BLOCK — SHAPE & HOLLOW
1/16 I.D. BRASS TUBES
TAILWHEEL CYL.
'SWINGEE'
NOTE THAT HINGE-LINE OF 'SWINGEE' MUST ALIGN WITH RUDDER HINGE-PINS
HOLLOWED-OUT BLOCK TOP
MAPLE BLOCK
1/16 MW. FINS
1/16 G-10 HINGES
TOP & SIDE VIEWS OF ETC BOMB/TANK RACK. CONSULT PHOTOS FOR CLOSE DETAILS. MAKE FROM LIGHT BALSA.
RUDDER CONSTRUCTION — 1/16 SHT. CORE, 1/8 x 1 L.E. EACH SIDE + 1/8 SCRAP EDGE
PATTERN FOR 'FRISKET FOR DUMMY 'RUDDER CONSTRUCTION'
POSITION OF TAILWHEEL FULLY RETRACTED
NOTE — THESE IS A LOCAL 'SWELLING' IN THE AREA OF THE WHEEL OPENING TO ALLOW RETRACTION. BUILD UP OUTSIDE WITH MICRO-BALLOONS, THEN HOLLOW OUT INSIDE AS NECESSARY. CONSULT PHOTOS, ETC.
TAILWHEEL FORK
3" DIA. TAILWHEEL
LOCATION OF TAIL TRANSPORT-POINT ON F/B AIRCRAFT (FOR REFERENCE)
1/16 SQ. KEEL
SIDE LONGERON FROM 3/8 x 1/2
ETC RACK — SEE SEPARATE DETAIL
BENCH LINE WHILE BUILDING FUSELAGE
* CANOPY 'BLOWN' TYPE SHOWN — 'FLAT' TYPE AVAILABLE
* FIBERGLASS GUN HOOD
* FIBERGLASS COWL
NOTE SLIGHT 'STEP'
3/4 BALSA COWL RING
SEGMENTS OF 3/4 BALSA TO MAKE HUB
GLUE FAN TO F-1
* SPINNER
ST. 2500 ENGINE SHOWN
TANK-BOX TOP F-25
TANK-BOX SIDES F-28
TANK-BOX FLOOR F-29
RECEIVER IN THIS SPACE
3/4 x 3/4 MAPLE MOUTH MOUNTS
COCKPIT FLOOR PARTS F-21, F-23, F-33
TOP F-30
UPPER & LOWER DASH LOCATIONS — REF. ONLY (A COCKPIT-DETAIL KIT FOR THIS MODEL IS AVAILABLE.)
1/4 SQ. CRUTCH
3/8 x 3/4 MAPLE WING-MOUNTS
AIR TANKS (2) FOR R.L.G. IN THIS BAY
1/4 x 1/8 BASS RAILS
AIRFOIL AT FUS. ℄
FUSELAGE SIDES
WING AT + 3° INCIDENCE
RUDDER, ELEVATOR & 1/16 STEERING SERVOS HERE
BATTERY-BOX SIDES F-26
BATTERY-BOX BOTTOM F-27
1/8 FUSELAGE SKIN
SEE SEPARATE DETAIL FOR SKETCH OF THIS AREA
COWL BLOCKS FROM F-1 TO F-2 — SEE SKETCH
CUT PIECES OF 1/8 S. ALUM. AIRFOIL-SECTION TUBING TO LENGTH OF BLADES, THEN CUT HORIZONTALLY TO MAKE 2 BLADES PER PIECE
PERSPECTIVE OF COOLING FAN
BALSA HUB PIECES SHOWN THINNER TO CLARIFY BLADE ATTACHMENT
1/4-20 O.H. SCREW
'WASHNUT' NUT — SEE LEAFLET FLYING PROP
SCALE COOLING FAN — SEE SEPARATE DETAIL
NOTE: A SCALE (NON-FUNCTIONAL) PROP IS AVAILABLE FROM D.P.M.
TUBE THRU BODY
2° STAB. INCIDENCE
RUDDER PUSHROD
ELEVATOR PUSHROD
STEERING CABLES
1/16 STEERING CABLES
IN ORDER TO RETAIN GOOD CLARITY OF THE BASIC AIRFRAME, AND TO REVEAL THE FUNDAMENTAL SIMPLICITY OF BUILDING THIS MODEL, THIS PLAN DOES NOT ATTEMPT TO INCLUDE THE MANY SMALL EXTERIOR DETAILS ON THE FW 190. THOSE WISHING TO COMPLETE THE MODEL TO A CONTEST LEVEL ARE RECOMMENDED TO THE 'BENTLEY'
SCALE DRAWINGS (AVAILABLE FROM HOLMAN) AND TO A SAMPLING OF THE MANY BOOKS, PLASTIC KITS ETC. DEALING WITH THE SUBJECT.
NOTE: ITEMS MARKED WITH STAR * ARE INCLUDED IN KIT AND AVAILABLE SEPARATELY FROM D.P.M.
SHEET OF 2
Focke-Wulf FW-190 A-8
designed by dave platt
SCALE — 2.3" = 1' (1:52)
WING SPAN 78.25"
LENGTH 67.60"
AREA 1,082 sq"
WEIGHT 17-20 LBS.


AILERONS ARE SHOWN WITH UPPER SKIN REMOVED TO SHOW INTERNAL STRUCTURE
TRAILING EDGE CAPSTRIP 1/8 x 3/8
WING TRAILING EDGE 1/8 SHEET
AILERON HORN— SEE SECTION W-8
AILERON HINGE 1/16 WIRE
AILERONS 3/32 SHEET TOP & BOTTOM, 1/16 G10, 1/2 x 3/8 L.E.
FLAP HINGES
POSITION OF FLAPS
1/4 SHEET WEBS
1/2 THICK BASSWOOD HARDPOINT FOR WING BOLTS
MAIN AIR SUPPLY LINE FROM SERVICE PANEL CONNECTS TO THIS FITTING
SWITCHER
W-16 PLY SWITCHER MOUNT
PLASTIC TUBING (FROM TOOL SUPPLY) TO ALT AS CONDUITS FOR L.G. AIR LINES
FLAP PUSHROD
1/4 SQ. REAR SPARS
SCRAP FILL TO STRENGTHEN HINGE
SCRAP SHEET EACH SIDE OF HINGE TO "THICKEN" APPEARANCE OF HINGE
TICKS INDICATE POSITION OF SUPPORT JIG WHILE BUILDING
JIG IS PIECE OF 1/8 SHEET 36 LONG, 11/32 DEEP AT RIVET, TAPER TO 3/32 DEEP AT TIP
1/4 x 1/2 WING MAINSPARS (SPRUCE)
ELE. SERVO
FLAP SERVO
AIL. SERVO
SERVO RAILS 1/4 x 3/8 BASSWOOD
FLAP PUSHROD 1/16 WIRE
AILERON PUSHROD 1/16 WIRE
W-2
W-3
W-4
W-5
W-6
W-7
W-8
W-9
W-10
W-11
W-12
W-13
W-14
W-15
W-5A
W-6A
NYLON FLAP BELLCRANK
NYLON AILERON BELLCRANK
AILERON PUSHROD
REAR EDGE OF TOP SKIN (AILERON SHROUD)— SEE RIB SECTIONALS W-8/11
AILERON HINGE
1/4 SHEET TRAILING EDGE— SEE DRAWING ABOVE
1/8" TRIANGLE GUSSET
BLOCK BALSA TIP
1/4 BALSA REAR WEBS
CUTAWAY LOWER SKIN FOR L.G. LEGS AFTER LAYING UP GEAR DOORS— SEE FINISHING BOOKLET
DAVE PLATT 'COMPETITION SPECIAL' RETRACT SYSTEM MOUNTED FOR 74° ANGLE — SEE R.L.G. LEAFLET
POSITION OF WHEEL RETRACTED
NOTE BEND IN LEG
W-1
W-1A
LEADING EDGE FROM 1/2 x 1 1/4, TAPERS TO 1/2 DEEP AT W-11
LANDING-GEAR UNIT MOUNTS 1/2 SQ. MAPLE
PIECE OF 3/32 SHEET, GRAIN DIRECTION AS SHOWN, ADDED TO TIP BLOCK TO FORM SHROUD
MICRO-BALLOONS FAIRING
1/4 DOWEL— SEE CROSS-SECTION W-1
SHAPE TIP BLOCK TO THIS CROSS-SECTION
4 1/4 DIHEDRAL EACH WING AT W-11
1/4 x 1/2 SPARS (SPRUCE)
1/4 BALSA WEBS— NOTE GRAIN
1/8 PLY WEB W-13
3/32 BALSA WING SKIN
1/4 PLY WEBS W-12
RETRACTED POSITION OF WHEEL
℄ OF LEG IN RETRACTED POSITION
FRONT VIEW OF WING MAINSPAR
REMOVE METAL
ADD "TB WELD"
MODIFICATION OF STOCK 'COMPETITION SPECIAL' LANDING-GEAR PIVOT BLOCK TO GET REQUIRED 74° RETRACTION ANGLE (REFER ALSO TO R.L.G. INSTRUCTIONS)
LEG STRUT SCALE DIAMETER, BUILD UP FROM STRUT RISE WITH PLASTIC TUBING
(FOR ADDITIONAL SCALE DETAIL IF DESIRED, EXAMINE 1/24 SCALE AIRFIX/MPC PLASTIC KIT)
5 3/4" WILLIAMS BROS. 'BALLOON STYLE' WHEELS
RIB DRAWINGS SHOW LOWER SKIN CUT AWAY FOR FLAPS
SKETCH BELOW SHOWS HOW LOWER EDGE OF T.E. SHROUD AND UPPER CORNER OF AILERON ARE ROUNDED TO ALLOW MOVEMENT
AILERON HINGE 1/16 G-10 (MAKE 6)
W-4
W-5
W-6
W-7
W-8
W-9
W-10
W-11
OPTIONAL SHROUD STIFFENER FROM 1/8 BALSA
POSITION OF JIG STRIP AT TIP RIB
AILERON PUSHROD COVER FROM CAP OF "BIC" PEN
AILERON HORN 1/16 G-10 MAKE 2
W-1
POSITION OF JIG STRIP AT ROOT RIB
W-2
W-3
EDGE VIEW OF STABILIZER, WITHOUT ELEVATORS
LEADING EDGE 1/4 x 1/2, DEPTH TAPERS TO 3/16 AT S-7
1/16 G-10 HANGER (MAKE 2) WITH 1/16 BRASS PIN (MAKE 1) (MAKE 1 PAIR)
HINGES
ELEVATOR HORN
STABILIZER TRAILING EDGE CUT FROM 1/4 x 3/4
1/16 SKIN
1/16 WIRE HINGE PIN
TYPICAL SECTION THRU ELEVATOR BALANCE
S-1
S-2
S-3
S-4
S-5
S-6
S-7
1/16 G-10 HANGER (MAKE 2)
REAR SECTIONS TOP & BOTTOM FROM 1/16 SHEET
HINGES CUT FROM 1/16 G-10 SHEET
BLOCK TIP
ELEVATOR CONSTRUCTED OF 1/16 CORE WITH 1/16 SHEET EACH SIDE, THEN SHAPED TO AIRFOIL. SEE SECTIONS
ELEVATOR HORN 1/16 BRASS
S-1 3/32 SHEET
S-2 1/16 SHEET
S-3 1/16 SHEET
S-4 1/16 SHEET
S-5 1/16 SHEET
S-6 1/16 SHEET
S-7 1/16 SHEET
1/16 G-10 HINGE (MAKE 3)
1/16 G-10 HINGE (MAKE 8)
SKETCH OF CENTER HINGE/HORN ASSEMBLY
0-80 BOLT/NUT HINGE PIN
CUTOUTS TOP SKIN ONLY
THIS PART OF HINGE IS ATTACHED TO WING— SEE LEFT WING PLAN
FLAP RIBS—MAKE 2A
SECTION B-B
SECTION C-C
SECTION A-A
WHEEL MAY PROTRUDE SLIGHTLY THRU SKIN AT THIS POINT— IS CHECKED BY FUSELAGE
OUTER HINGE (MAKE 4)
SPACER BETWEEN HINGES
FLAP TOP, BOTTOM & RIBS .010 G-10
1/16 G-10 HINGE/HORN (MAKE 3)
BALSA L.E.
WEB TO BRIDGE BALSA
A
B
A
DETAIL OF OPTIONAL FLAPS (MATERIAL NOT SUPPLIED)
ADDITIONAL G-10 SHEET STOCK IS AVAILABLE FROM DAVE PLATT MODELS IN .005, .010, .015, .030 & .060 THICKNESSES
SHEET OF 2
Focke-Wulf FW-190 A-8
designed by Dave Platt
SCALE— 2.37"= 1' (1:5.2)
WING SPAN 73.25"
LENGTH 82.40"
AREA 1,052 ℄
WEIGHT 17-20 LBS.