Balsa unless otherwise stated.
Dimensions in inches.

PARTS LIST

3—3/32x4x36, 4-4-3) Filets, fin
1—3/8x3x36 Wing LE
38—1/8x3x36 Rib(8), wing sht(18), fuse sht (10), other (4).
2—1/8x4x36 Formers
4—3/32x3x48 Aileron skins(2), flaps(2)
2—3/32x4x36 Shear webs
1—1/x36 VS, gonover, fuse rear, wingtips
1—1/16x3x36 Rudderpost, rudder, s/charger intake, fairings
6—1/32x4x36 Fin, stab
1—2x2x12 block Fin, fin
1—3/4x3/4x4 Stab
1—3x3x12 Supercharger
1—2x3x24 Nosebowl
2—1/32x4x36 Aileron ribs, inner doors
1—3/8x3x24 Aileron LE

10—1/4 sq x 36 Stringers
4—1/4x3/8x36 Stab
4—1/4x3/4x48 Headrest, spars
1—3/4x1/2x48 Upper wing spars
23—1/8x1/4x36 Fuse & wing stringers, shims, inner door support
3—1/2x1-1/2x48 Wing L.E.
2—1/2 triang x36 Gussets
1—1/2 sq x24 Nose stringers

1—1/8x6-24x12 ply Flaps
1—1/8x12x48 ply Ribs, formers, dihedral braces
1—3/32x6x24 ply CL windscreen frames, headrest
1—1/32x12x36 ply Wing saddle flat, aileron skins, inner doors
1—3/8x12x12 ply F1 (firewall)

1—1/8x12x48 Ittnply Formers, tankbox
1—1/4x12x12 Ittnply Cowl ring

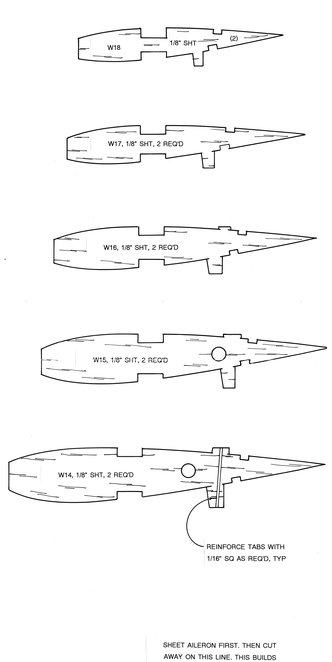
1—1/8x1/4x36 h'wd Inner door support
1—1/2x1/4x18 maple Wing & tail mounting blocks
1—3/4 x36 dia Cowl support
1—31/64x1/4x36 bass Elev T.E.
2—1/2x3/4x36 bass Lower wing spars
1—1/2x1/4x48 bass Retract bearers (4-4" lengths)
1—1/4 sq.x6 h'wd Canopy key.
1—3/8 birch dowel Wing rods

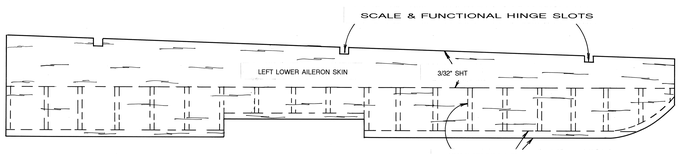
1—1/8 diax36 music wire Tailhood strut
1—1/8" Nosegear bracket Tailhood support
1—1/8" Nose gear steering arm Tailhook
1—12x24x0.016" sht aluminum LG doors (www.mcmaster.com)
4—SSC SHT35 1/4x20 threaded inserts Cowl support
1—Hobby Lobby PPT0341 Scale Cockpit kit gr
1—IMP 1/8th scale FW190 cockpit kit (www.impscale.com)
1—3"TEC 1/8th scale instrument kit
1—AJAX #92 4-inch spring Canopy hold down
1—Pilot figure—Dragon #50027 Otto Kittel, WWII German Luftwaffe Fa 152 Pilot or
Dragon #50072, WW II German Luftwaffe Pilot, "Erich Hartmann"
2—Robart 1658 3/8" Gear Door Cylinder
2-Visbot BVM #5783 Air Micro Switch Assembly
2—DJ Aerotech (SST) 1/8th scale FW 190D wheels
2—Sierra Giant Scale 1/8th scale FW 190D/TA152H retracts and struts
4—Sierra Giant Scale 1/8th scale door clamps
4—Sierra Giant Scale 1-1/4" Engine Standoffs

1—CD ROM complete construction article—email davidpandersen64@msn.com
1—DiAerotech/SST static display and flying fg 8th scale FW190D spinner or....
Sierra Giant Scale aluminum flying spinner.

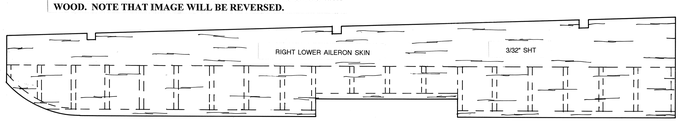
LEFT WING TOP VIEW

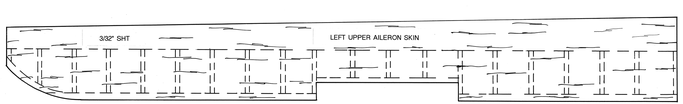
ASSEMBLE RIGHT WING, INVERTED, OVER THIS VIEW

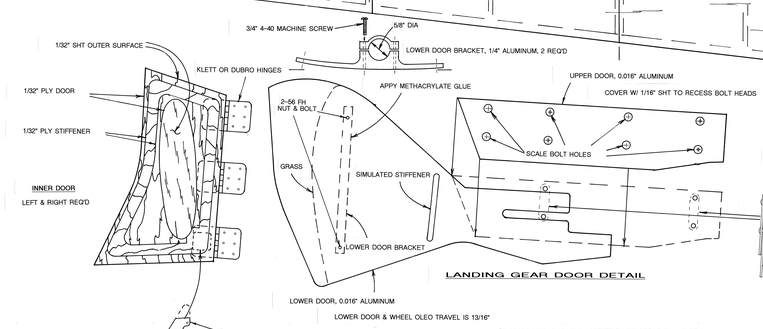




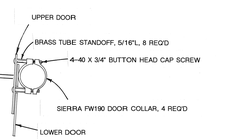
TRACE AILERON PATTERNS ONTO 3/32" SHEET BY IRONING FRESH DARK PHOTOCOPIES OF THESE PATTERNS ONTO THE WOOD. NOTE THAT IMAGE WILL BE REVERSED.

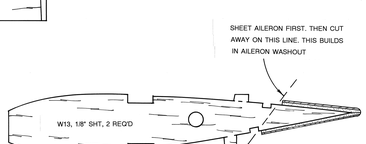




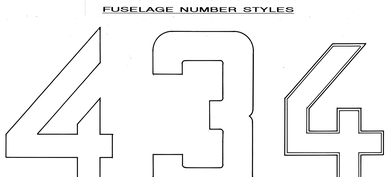


LANDING GEAR DOOR DETAIL



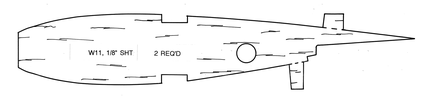


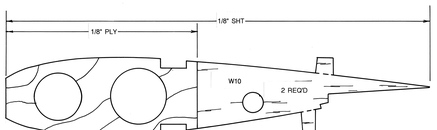
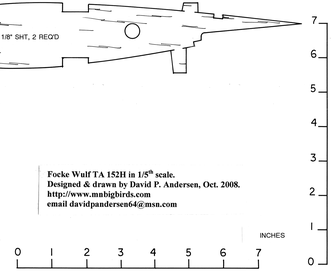
FUSELAGE NUMBER STYLES



WING ASSEMBLY SEQUENCE

–CUT OUT ALL PARTS. ASSEMBLE FLAPS, AILERON SKINS.
–ASSEMBLE W5 THRU W9 OVER PLANS, INVERTED ON A FLAT SURFACE. DON'T GLUE. MARK BOLT HOLES ON RETRACT BEARERS. REMOVE BEARERS, DRILL AND INSTALL BLIND NUTS.
–BOLT RETRACT TO BEARERS AND REASSEMBLE WITH WINGTUBE AND W5 THRU W9. EPOXY BEARERS TO RIBS WITH RETRACTS IN PLACE. THIS ASSURES A NON-STRESSED FIT.
–FIT AND SPOT-GLUE WING TUBE SOCKET WITH ALUMINUM TUBE IN PLACE. ADD OTHER RIBS, SPARS, DB1, ETC.
–REMOVE ALUMINUM WING TUBE (MUST SLIDE OUT EASILY).
–REMOVE LOWER WING PANEL FROM LOWER PANEL BY CUTTING THRU WING TUBE AND SPARS WITH A COORDINATES RAZOR SAW.
–COMPLETE GLUING OF WING TUBE. REINFORCE WITH WEBS OF EPOXY.
–ADD AILERON SKINS, TOP AND BOTTOM.
–INSTALL SHEAR WEBS TO INNER SECTION.
–SHEET MOST OF LOWER WING SURFACE, LEAVING ACCESS TO SERVO AREAS.
–CUT LANDING GEAR OPENING. ADD INNER DOORS.
–TURN WING OVER. REMOVE UPPER TABS. ADD SHEAR WEBBING.
–SHEET UPPER SURFACE. NOTE OVERLAP OF SHEETING WITH SUBFLOOR SHEETING, W4 TO W1. ADD UPPER AILERON SKIN.
–CUT AILERON LOOSE. TRIM BACK AILERON RIBS TO ACCEPT AILERON LE. INSTALL AILERON LE. DRILL HOLES FOR ROBART HINGES. ROUND AILERON LE.
–SHAPE WING TE TO MATE WITH AILERON.
–INSTALL AILERON HINGES IN AILERON.
–INSTALL AILERONS AND FLAPS. INSTALL AND TEST AILERON AND FLAP SERVOS.
–BUILD OTHER WING PANEL.
–JOIN WING PANELS PER DETAIL ON SHEET 4. ADD DIHEDRAL BRACES DB2 & DB3.
–FIT TO FUSELAGE. RECESS UPPER SURFACE TO MATCH WING FILLET.
–FIT WING DOWELS AND WING BOLTS.





Focke Wulf TA 152H in 1/5th scale.
Designed & drawn by David P. Andersen, Oct. 2008.
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