F1 MUST HANG OVER THE EDGE OF THE BUILDING BOARD DURING ASSEMBLY

MOUNT IGNITION MODULE & BATTERY ON FRONT OF F1

F1, 3/8" 7-LAYER PLY

SIG SH735 THREADED INSERT

1/4" SQ STRINGERS, TYP

COWL SUPPORTS, ½" ID/A X 2-½" DOWELS 4 REQUIRED. SCREW & GLUE TO F1. RELOCATE AS NEEDED FOR OTHER ENGINE TYPES.

1/8" SHT

1/4" X 20 NYLON BOLT

CUT AWAY FOR BISSON CUSTOM FW190/TA152 MUFFLER

¼" SQ STRINGER F1 TO F4. LAP JOINT AT F1, LEFT SIDE ONLY.

DA 50 ENGINE

F2, 1/8" LITE PLY

CLEARANCE FOR THROTTLE CABLE

F2, 1/8" PLY

INSTALL LOWER F2 & F3 AFTER MATING WING TO FUSELAGE

F3, 1/8" SHT

3/32" SHT

F3, 1/8" SHT

F4, 1/8" SHT

RECEIVER BATTERY HERE

F4, 1/8" PLY

1/8" PLY WING ROD SUPPORT

INNER COWL FAIRING, 2 LAYERS OF 3/4" BALSA, 8 REQ'D

COWL RING, 1/4" LITE PLY

3/4" SHT FAIRING, 3 REQ'D

3/4" SHT FAIRING

CHOKE P/R, 4-40 BALL LINK

REMOVE AFTER ASSEMBLY FOR CYL CLEARANCE

2" SHT OR BASSWOOD NOSE BOWL

CROSS SECTION, ROUGH CARVE BEFORE ASSEMBLY

1/4" SQ STRINGERS, 10 REQ'D

1/4" PLY COWL BASE. REMOVE AFTER ASSEMBLY.

FULLY OPEN COWL FLAPS

PARTIALLY OPEN COWL FLAPS

CLOSED COWL FLAPS

F5, 1/8" SHT

BEVEL

1/8" X 1/4" STRINGER

5/8" SHT FILL ON F1, 8 REQ'D

F5, 1/8" SHT

REMOVE THIS PORTION AFTER ASSEMBLY FOR ACCESS TO FUEL TANK AND CLEARANCE FOR AIR TANK.

F5, 1/8" SHT

FORE FILET

WING

HOLLOW FOR LIGHTNESS, SAVES 2 OZ

1-1/4" SHT GUN COVER

1/8" X 1/4" STRINGER

F6, 1/8" SHT

1/4" SQ STRINGER, TYP

1/8" SHT

3/32" SHT FILLET

F6, 1/8" SHT

REMOVE THIS PORTION AFTER ASSEMBLY FOR AIR TANK CLEARANCE

F6, 1/8" SHT, 2 REQ'D

F6

1/16" PLY WING SADDLE

REFERENCE: *GERMAN AIRCRAFT INTERIORS*, VOL 1. MERRICK. MONOGRAM PUBLICATIONS

1/8" SHT

F7, 1/8" SHT

REVI 16B GUNSIGHT

LITHOPLATE COVER INSIDE WINDSCREEN

1/8" SHT

F8, 1/8" SHT & PLASTIC

1/4" SQ CONSOLE SUPPORT, F1 TO F11

RIGHT CONSOLE

CONSOLE SUPPORT, 1/16" SHT

HEADLESS WOODSCREW

ALIGNMENT PIN

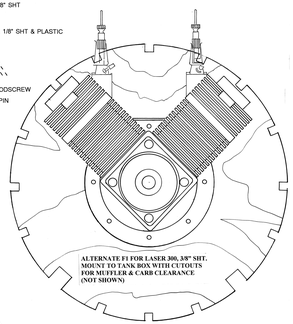
3/32" PLY CANOPY & WINDSCREEN FRAMES, 2 REQ'D.

TRIM TO LENGTH DURING ASSEMBLY

F7, 1/8" LITE PLY

1/2" X 3/4" H/W WING BLOCK

F7



ALTERNATE F1 FOR LASER 300, 3/8" SHT. MOUNT TO TANK BOX WITH CUTOUTS FOR MUFFLER & CARB CLEARANCE (NOT SHOWN)

CLOSED COWL FLAPS

FORWARD, BOTTOM

LEFT

RIGHT

RIGHT

PARTIALLY OPEN COWL FLAPS

FORWARD, BOTTOM

1/32" PLY COWL SKIN

LEFT

RIGHT

NB: COWL FLAP SECTIONS ARE NOT EQUAL WIDTH. WIDTH OF COWL SKIN SHOWN IS APROXIMATELY 1/8" OVERSIZED. TRIM TO LENGTH AFTER ASSEMBLY.

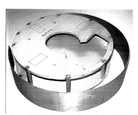
LEFT

LITHOPLATE (THIN ALUMINUM) COWL FLAPS GLUED TO COWL SKIN.

1/32" PLY COWL SKIN

FULLY OPEN COWL FLAPS

FORWARD, BOTTOM



SEAT, ALUMINUM SHT

FOLD

REFERENCES:

http://www.mnhighbirds.com (free plans, construction notes)
davidpandersen64@msn.com--designer
DML 5501 1:48 plastic model kit.
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http://www.precisioncutkits.com/
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http://www.belairkits.com/
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http://www.rcscalebuilder.com/
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email jmikk@aol.com
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http://www.djaerotech.com/dj_product/scale_fw190.html#opts
SIST Modellflugzeugzubau (manufacturer of wheels and spinner)
http://www.sist-modellflugzeugzubehoer.de/
email: info@sist-modell.de
Sierra Giant Scale (retracts, wheels, engine standoffs, door clamps)
http://www.sierragiant.com
Desert Aircraft (DA 50 engine)
http://www.desertaircraft.com/
Bisson Custom Mufflers (custom FW190/DA 152H muffler)
http://bissonmufflers.com/

F10, 1/8" SHT

F10, 1/8" PLY

1/8" PLY CANOPY HOOK

LEFT CONSOLE

REMOVE AFTER ASSEMBLY

F11, 1/8" SHT

F11, 1/8" SHT

RIGHT CONSOLE

F12, 1/8" SHT

F12, 1/8" SHT

HEADREST 1/8" SHT

Achtung ! Haubenabwurf durch Sprengladung

1/4" X 3/4"

HEADREST COVER

3/32" PLY

1/4" SHT

3/32" SHT

1/8" SHT

3/32" SHT FILLET

F9, 1/8" PLY

1/8" SHT

1/32" PLY FILLET EDGE, 2 REQ'D

TRIM TO F5 DURING ASSEMBLY

1/32" PLY WING SADDLE, 2 REQ'D

THIN ALUMINUM OR PLASTIC HEADREST COVER

REMOVE AFTER ASSEMBLY

BEVEL AFTER INSTALLATION

CANOPY BASE, 1/8" PLY

1/4" SQ SPRUCE KEY BLOCK

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

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