FUSELAGE ASSEMBLY SEQUENCE

1. DRAW CENTER LINES ON BOTH SIDES OF 1/16"x3"x44" BALSA SHEET.
2. LOCATE F BULKHEADS ON ONE SIDE AND T BULKHEADS ON OTHER SIDE
3. GLUE THIS 1/16" SHEET TO F-2, SQUARE AND TRUE.
4. INSTALL REMAINDER OF F BULKHEADS LET F-2 HANG OVER EDGE OF BENCH.
5. INSTALL PRE-ASSEMBLED FUSELAGE SIDES
6. INSTALL NY-RODS AT THIS TIME, IF USED
7. GLUE BOTTOM ON FUSELAGE
8. INSTALL F-1 AND BLOCKS IN LOWER NOSE AREA.
9. GLUE ON T-1, T-2, T-3 AND T-4'S.
10. PLANK THIS AREA, BUTTING STRIPS AGAINST F-1 AMBROID RECOMMENDED HERE.
11. SAND SMOOTH, TRIM ENDS AT T-3 AND INSTALL REMAINDER OF T BULKHEADS.
12. INSTALL 3/16"x1/2" STRIPS 3/32" BALSA SIDES AND 1/2" TOP BLOCK, CARVE AND SAND.
13. GLUE ON REAR BLOCKS AS PER NOTE B.
14. FIT HATCH, CARVE NOSE BLOCK, FIT CANOPY, CUT ENGINE HOLE, ETC

1/16" PLY TIP PLATE

CORE TEMPLATE

1/16" SHEET SKINS

3/8" BALSA FOR DOWEL SUPPORT

1/4" DOWEL

1/2"x1/2" BALSA SANDED TO SHAPE

WING DIHEDRAL = 1 1/4" UNDER EACH TIP

BOTTOM VIEW, RIGHT WING

1/16" BALSA SKINS NOT SHOWN FOR CLARITY

1/8" PLY

1/8" PLY JOINER

SIG LANDING GEAR BLOCKS

NOTCH 1/16" PLY FOR LANDING GEAR BLOCK

SERVO WELL

1/2"x3/4" HARDWOOD BLOCK

1/16" BALSA

1/16" PLY

1/16" PLY FULL DEPTH OF WING (TYPICAL)

1/16" PLY

1/16" PLY JOINER

5" WIDE GLASS CLOTH AROUND CENTER SECTION

DU-BRO NO-NOISE STRIP AILERON SET.

SUPER MONOKOTE FUSELAGE, FIN, RUDDER, STAB, ELEVATOR, ETC SEPARATELY THEN HINGE MOVEABLE SURFACES, FINALLY, GLUE FIN AND STAB INTO FUSELAGE

CORE TEMPLATE

1/16" SHEET TOP AND BOTTOM OF 3/16 FRAME

1/4" SHEET

1/8" WIRE

1/4" PLY INSERT

ENGINE THRUST 0°-0°

CUT HOLE FOR ENGINE AFTER NOSE SECTION IS COMPLETED

VECO 61

TATONE

F-1 F-2 F-3 F-4 T-1 T-2 T-3 T-4 T-5 T-6 T-7 F-5 T-8 F-6 T-9 F-7 T-10 F-8

1/16" BALSA DOUBLER GRAIN LENGTHWISE

IMPORTANT

DRILL 1/16" HOLES IN BULKHEADS WHERE INDICATED FOR AIR PRESSURE RELEASE DURING SUPER MONOKOTING

CANOPY VENT HOLE

ALL BULKHEADS ARE 1/8" THICK MADE UP FROM TWO LAYERS OF 1/16" SHEET BALSA CROSS GRAINED. LAMINATE BEFORE CUTTING OUT. EXCEPTIONS ARE, F-1, F-2, F-3 F-4 F-5 AND T-4

T-1 T-2 T-3 T-5 T-6 T-7 T-8 T-9 T-10

T-4 1/8" SHEET BALSA, 2 REQ'D

1/4"x3/8" TYP

SECTION B-B

MAIN LANDING GEAR 5/32" WIRE MAKE ONE LEFT, ONE RIGHT

DRILL SMALL HOLE INTO CANOPY FOR AIR VENT. (FROM INSIDE FUSELAGE) SEE T-5

DAVCO CANOPY MODEL CJ-3

CLEAR FUEL TUBING FOR ANTENNA LEAD OUT

1/2"x2" BALSA

3/16"x1/2"

3/32" SIDES

1/8"x1/4" PLANKING

1/8" BALSA PLATFORM

BALSA

SEE NOTE A

1/16" SHEET FULL WIDTH

3/16"x3/16"

SEE NOTE B

SEE NOTE C

NOTCH RUDDER TO CLEAR ELEVATOR WIRE

3/16"x1/2" T-E STOCK

SHADED AREA IS 1/32" PLY DOUBLER

SHADED AREA IS 1/16" BALSA DOUBLER GRAIN VERTICAL.

SEE NOTE D

1/4" PLY INSERT

2 1/4" SPINNER

HARDWOOD BLOCK

1/32" PLY.

HATCH. 3/4" BALSA

1/8" DOWEL (2)

ONE NYLON BOLT

1/32" PLY

2-1/4"x20"x1" NYLON BOLTS

3/8" DOWEL WITH 1/4" HOLE DRILLED IN IT FOR BOLT.

AFTER WING IS MONOKOTED AND FITTED TO FUSELAGE, CUSTOM FIT SMALL BLOCK OF BALSA AND GLUE TO TRAILING EDGE OF WING.

3/32" BOTTOM

WING AND STAB INCIDENCE 0°-0°

TOP FLITE NOSE GEAR MOUNT BEHIND FIREWALL IF NECESSARY

2 1/2"

2 3/4"

TAPER TOP EDGE SLIGHTLY BEFORE PLANKING

1/8"x1/4" PLANKING

F-2 1/4" PLY.

INSTALL THIS PIECE AFTER FUSELAGE IS ASSEMBLED

F-3 1/8" PLY.

F-4 1/8" PLY.

F-5 1/8" PLY.

F-6

F-7

F-8

CUT HOLES IN F-5, F-6, F-7, F-8 TO SUIT PUSH RODS

SECTION A-A

BUILD UP NOSE AREA WITH BLOCKS AND CARVE TO SHAPE.

1/16" BALSA DOUBLER GRAIN LENGTHWISE

F-1 3/32" PLY

ATTENTION!

ALWAYS REMOVE SUPER MONOKOTE FROM ANY AREA THAT IS TO BE GLUED

3/16"x1/2" TYPICAL

NOTES

A. AFTER FUSELAGE IS COMPLETE, REMOVE 1/16" BALSA IN RECEIVER-BATTERY COMPARTMENT TO MAKE IT DEEPER FOR THE LARGER RADIO SYSTEMS.

B. GLUE BALSA BLOCKS TO FUSELAGE WITH A SCRAP PIECE OF 1/4" BALSA - GRAIN LENGTHWISE - WRAPPED IN WAX PAPER BETWEEN THEM TO REPRESENT FIN. REMOVE 1/4" BALSA AND WAX PAPER AFTER CARVING AND SANDING TO SHAPE.

C. CUT STAB HOLES IN FUSELAGE SIDES, ADD DOUBLERS BUT DO NOT CUT STAB HOLES IN DOUBLERS UNTIL AFTER FUSELAGE IS ASSEMBLED. ADDS RIGIDITY DURING ASSEMBLY.

D. PLACE A 5/8" WIDE STRIP OF WAX PAPER BETWEEN FUSELAGE SIDES AT HINGE LOCATION DURING ASSEMBLY GLUEING.

CANUS

DESIGNED BY ROY FOOTE
DRAWN BY
TRACED BY JERRY LEAKE

DESIGNED FOR THE F.A.I. PATTERN AND TOTAL COVERING WITH SUPER MONOKOTE

WING SPAN - 66" ENGINE - VECO 61
WING AREA - 675 SQ. IN. WEIGHT - 6 1/2 LBS.
WING LOADING - 22 OZ/SQ FT (WITH 23 OZ RADIO)

AMERICAN AIRCRAFT MODELER