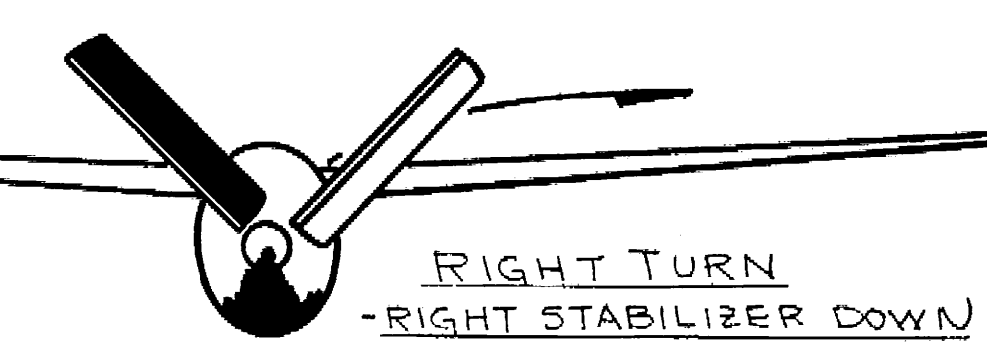


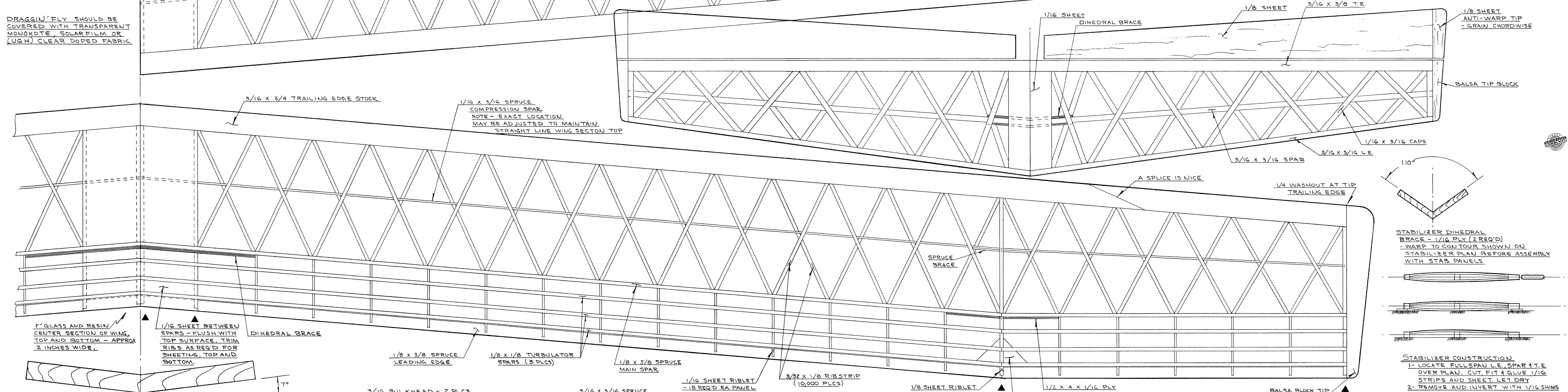
WING CONSTRUCTION

- 1- EPOXY DIHEDRAL BRACE TO MAIN SPAR OF WING PANEL
- 2- POSITION L.E. MAIN SPAR & T.E. OVER PLAN
- 3- ADD BOTTOM CENTER SECTION SHEETING
- 4- FIT & GLUE ALL RIBS
- 5- CUT FIT & GLUE LOWER RIBSTRIPS. ADD COMPRESSION SPAR. LET DRY
- 6- SHIM TIP T.E. TO PROVIDE 1/4 WASHOUT (START WASHOUT 12 IN INBOARD OF TIP)
- 7- CUT, FIT & GLUE UPPER RIBSTRIPS. NOTE EACH MUST MAKE STRAIGHT LINE FROM MAIN SPAR TO T.E. (NO CONTOUR)
- 8- ADD TURBULATOR SPARS
- 9- REPEAT STEPS 1 THRU 8 FOR OPPOSITE PANEL
- 10- ADD TOP CENTER SECTION SHEET
- 11- ADD TIP BLOCKS
- 12- TRIM AND SAND TO FINAL CONTOUR
- 13- FIBERGLASS AND RESIN @ JOINT, TOP & BOTTOM
- 14- SAND & CLEAN FOR COVERING

DRAGGIN' FLY SHOULD BE COVERED WITH TRANSPARENT MONOKOTE, SOLARFILM OR (UGH) CLEAR DOPED FABRIC



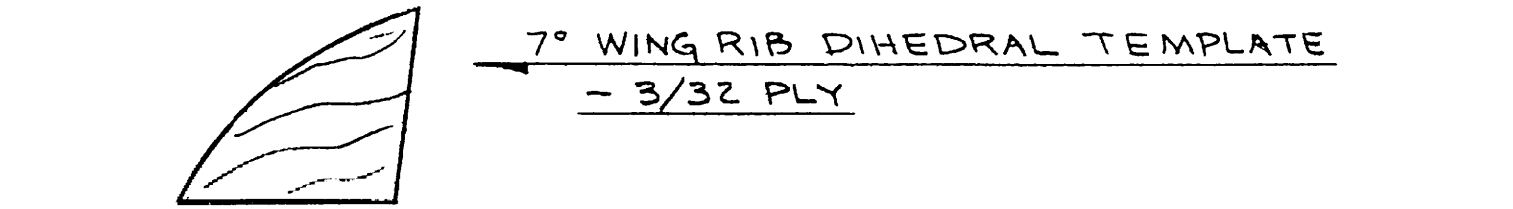
RIGHT TURN - RIGHT STABILIZER DOWN
 V-TAIL IS SET UP SO THAT MOVABLE SURFACE ON INSIDE OF TURN IS DEFLECTED DOWN. RIGHT TURN HAS RIGHT STABILIZER DOWN (SEE SKETCH). LEFT TURN HAS LEFT STABILIZER DOWN. FOR COMPLETE DISCUSSION OF V-TAIL OPERATION, SEE MODEL BUILDER, JUNE 1972.



WING DIHEDRAL BRACE - 3/32 PLY (1 REQ'D)
 NOTE - WARP TO CONTOUR SHOWN ON WING PLAN BEFORE ASSEMBLY WITH WING PANELS



NOTE - RIBS MARKED ▲ FILLED IN SOLID 1/8 SHEET AFT OF SPAR - TOP SURFACE AFT OF SPAR MUST BE FLAT. DO NOT CONTOUR UPPER RIBSTRIPS. USE WING RIB DIHEDRAL TEMPLATE TO SET & RIBS AT PROPER SLANT ANGLE.

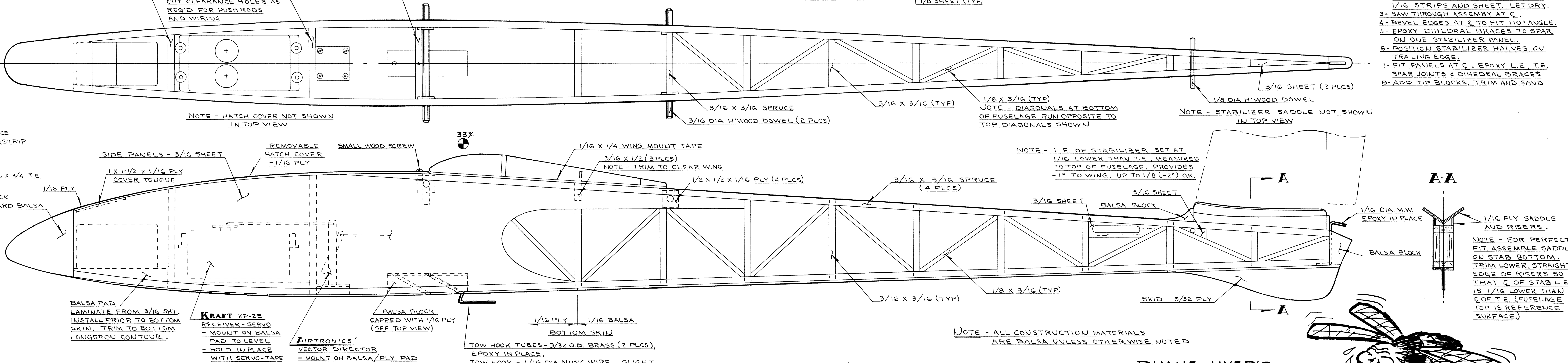


NOTE - HATCH COVER NOT SHOWN IN TOP VIEW

NOTE - L.E. OF STABILIZER SET AT 1/16 LOWER THAN T.E., MEASURED TO TOP OF FUSELAGE. PROVIDES 1° TO WING. UP TO 1/8 (-2°) OK.

NOTE - ALL CONSTRUCTION MATERIALS ARE Balsa UNLESS OTHERWISE NOTED

NOTE - FOR PERFECT FIT, ASSEMBLE SADDLE ON STAB. BOTTOM. TRIM LOWER, STRAIGHT EDGE OF RISERS SO THAT & OF STAB L.E. IS 1/16 LOWER THAN & OF T.E. (FUSELAGE TOP IS REFERENCE SURFACE.)



NOTE - HATCH COVER NOT SHOWN IN TOP VIEW

NOTE - L.E. OF STABILIZER SET AT 1/16 LOWER THAN T.E., MEASURED TO TOP OF FUSELAGE. PROVIDES 1° TO WING. UP TO 1/8 (-2°) OK.

NOTE - ALL CONSTRUCTION MATERIALS ARE Balsa UNLESS OTHERWISE NOTED

0 1 2 3 4 5 6 inches

MODEL BUILDER magazine
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 Plan No: 6732

DUANE HYER'S
DRAGGIN' FLY
 DRAWN BY *LeGony* 15 APR 73