

Be sure to make RIGHT and LEFT sides!

- STEP 5**
DRILL AND BOLT THE NOSEGEAR BEARING BLOCK IN PLACE BEFORE ADDING BULKHEAD NO. 1. PULL THE FUSELAGE SIDES TOGETHER WITH 2" OF DIHEDRAL UNDER EACH TIP. CEMENT IN THE REMAINING BULKHEADS.
- STEP 6**
ADD THE HARDWOOD AXIFLO MOUNT AS SHOWN ON THE SIDE VIEW. COVER THE TOP FRONT FUSELAGE WITH 3/16" Balsa CROSS GRAIN. CEMENT NOSE BLOCK IN PLACE. PLANK TOP REAR AND BOTTOM FUSELAGE WITH 3/32" Balsa CROSS GRAIN. LEAVE AN OPENING IN THE END OF THE FUSELAGE FOR THE ELEVATOR PUSHROD EXIT.
- STEP 7**
SAND FUSELAGE TO SHAPE, GENEROUSLY ROUNDING ALL EDGES, PARTICULARLY THE FRONT TOP AND THE NOSE BLOCK. BE SURE TO BUILD THE REMOVABLE BOTTOM HATCH AS SHOWN IN THE SIDE VIEW OF THE FUSELAGE.
- STEP 8**
RESTING THE WING IN THE FUSELAGE SADDLE, USE THE FORWARD BULKHEAD AS A GUIDE TO MARK THE 1/4" DOWEL LOCATION IN THE WING LEADING EDGE. EPOXY THE DOWEL INTO THE WING. DRILL THE TWO HOLD-DOWN BOLT HOLES THROUGH THE WING. REFER TO PLAN FOR PROPER LOCATION. USE THESE HOLES AS A GUIDE TO MARK THE LOCATION OF THE WING BOLT HOLES IN THE 3/8" x 1/2" HARDWOOD BLOCKS. DRILL AND TAP THESE TWO HOLES.
- STEP 9**
INSTALL AND CEMENT THE TAIL ASSEMBLY INTO THE FUSELAGE SLOT, MAKING SURE TO ALIGN IT CORRECTLY.
- STEP 10**
MAKE UP AND INSTALL THE ELEVATOR PUSHROD AND THE NOSE WHEEL STEERING LINKAGE.

WING CONSTRUCTION
BOTH WING PANELS ARE BUILT SEPARATELY OVER THE PLANS. WHEN COMPLETED THEY ARE CEMENTED TOGETHER WITH 2" OF DIHEDRAL UNDER EACH TIP.

STEP 1
CEMENT 3/32" PLY DOUBLER RIBS 2A, 3A, AND 4A TO CORRESPONDING RIBS.

STEP 2
PUT MAX PAPER OVER THE WING PLANS. PIN THE LOWER 1/4" SQ. SPAR IN PLACE. CEMENT THE WING RIBS IN THEIR PROPER PLACES. CEMENT THE 1/4" SQ. TOP SPAR IN PLACE. CEMENT THE LEADING EDGE IN PLACE. CEMENT THE 1/16" x 1/4" SPLIT TRAILING EDGE IN PLACE. CEMENT AND SHAPE THE WING TIP BLOCKS.

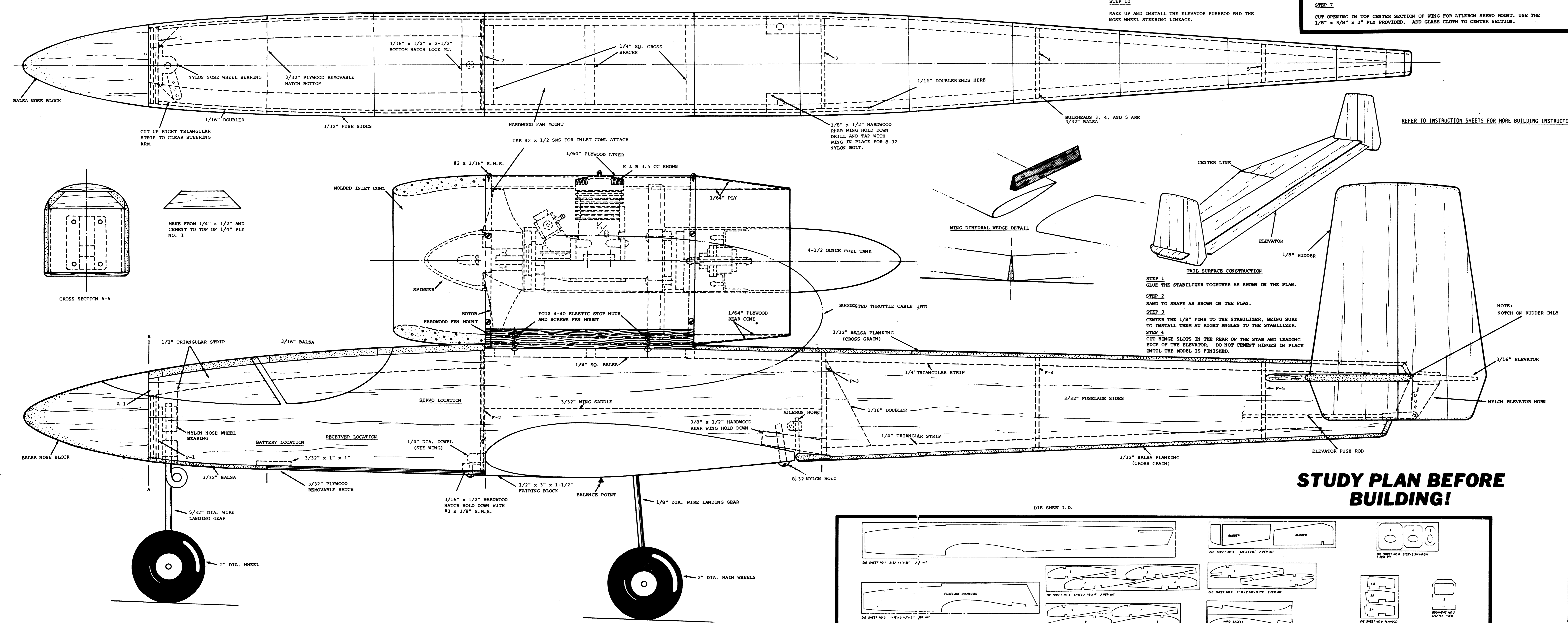
STEP 3
CEMENT THE TOP LEADING AND TRAILING EDGE PLANKING IN PLACE. REMOVE WING TURN IT OVER AND CEMENT BOTTOM LEADING AND TRAILING EDGE PLANKING IN PLACE. GLUE LANDING GEAR BLOCK UPRIGHT TO LANDING GEAR BLOCK. GLUE LANDING GEAR BLOCK ASSEMBLY IN WING. CEMENT THE 1/16" Balsa CENTER SECTION PLANKING AND 1/16" x 1/4" CAP STRIPS IN PLACE. CEMENT AND SHAPE THE WING TIP BLOCKS.

STEP 4
GLUE CENTER SECTION WEDGE TO ONE WING PANEL. SAND TO CONFORM TO THE WING. GLUE WING PANELS TOGETHER WITH 2" DIHEDRAL UNDER EACH TIP.

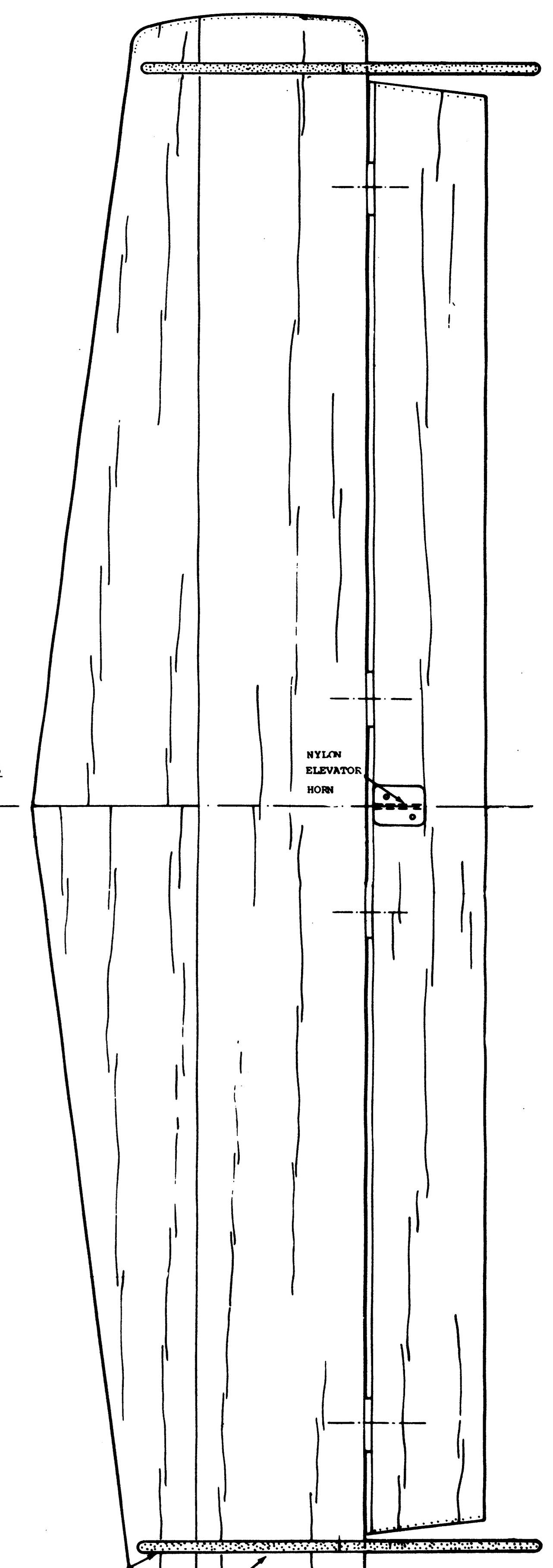
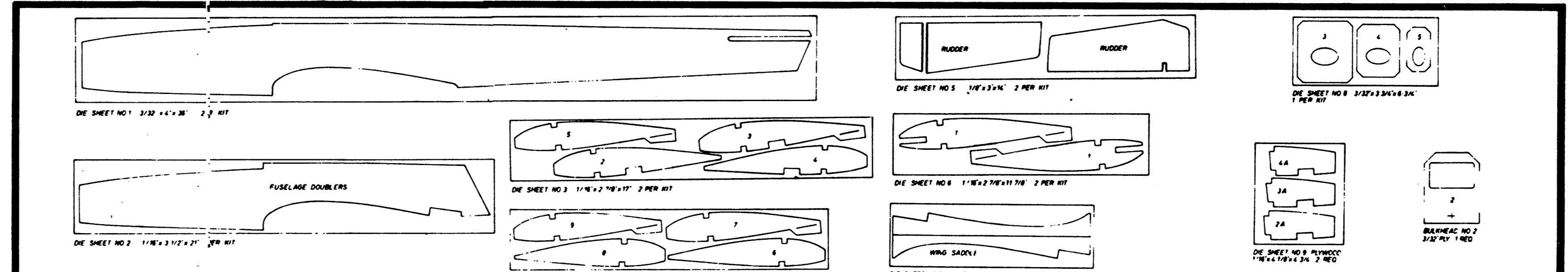
STEP 5
ADD THE AILERON LINKAGE TO THE WING. THE 1/4" x 3/4" HARDWOOD PIECES MUST BE NOTCHED TO FIT OVER THE AILERON ARM BEARING. GLUE THE 1/4" x 3/4" HARDWOOD PIECES IN PLACE.

STEP 6
INSTALL THE AILERONS WITH NYLON HINGES. DO NOT CEMENT HINGES IN PLACE AT THIS TIME. EPOXY HINGES IN PLACE AFTER MODEL IS FINISHED.

STEP 7
CUT OPENING IN TOP CENTER SECTION OF WING FOR AILERON SERVO MOUNT. USE THE 1/8" x 3/8" x 2" PLY PROVIDED. ADD GLASS CLOTH TO CENTER SECTION.



STUDY PLAN BEFORE BUILDING!



"JETSTER 20" 10-15-79
KIT NO. 149

4 CHANNEL SPORT MODEL FOR DUCTED FANS

SPAN: 48" AREA: 430 SQ. IN. WEIGHT: 3 - 4 LBS.
DESIGNED BY: DICK SARGOLUS BUSHED BY: VINCE MICCHIA
PLAN ART: VINCE MICCHIA & RIKI HITCHELL WOOD PRODUCTION: SKIP MOURNER
KIT PRODUCTION: ED ROGALA
APPROVED BY: FRANK GARDNER PRESIDENT