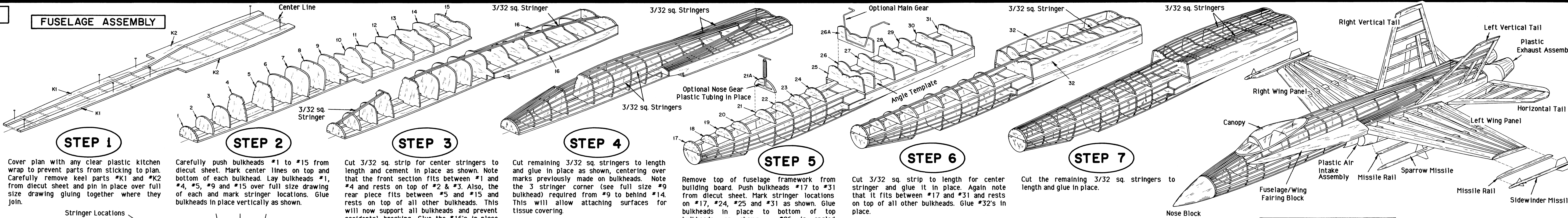


PLEASE READ FIRST !!

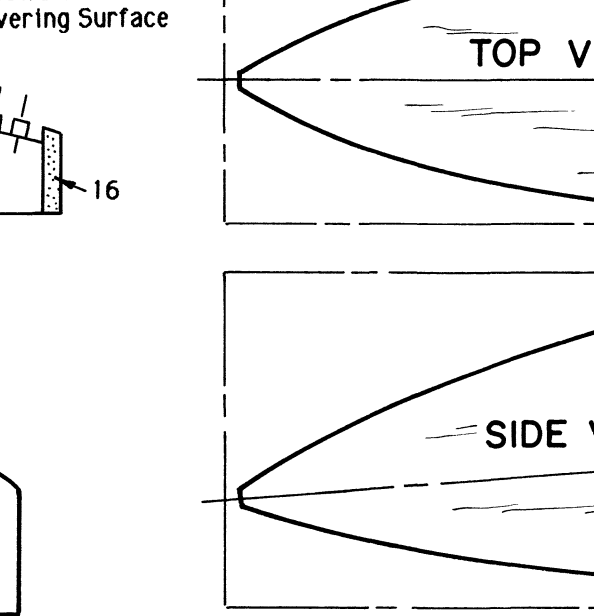
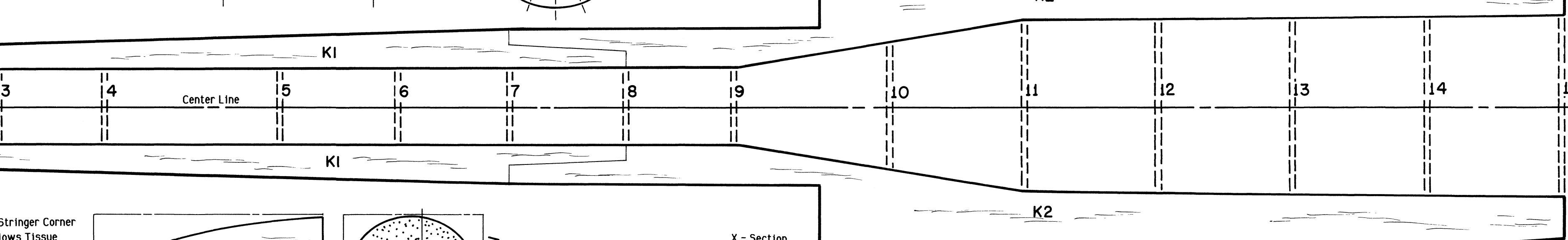
Before you start construction of your model, study the plan and construction procedure carefully so you have a complete understanding of the step - by - step method of building this airplane. Careful attention to detail, patience and quality workmanship will insure a beautiful model. Remember - work slowly and carefully at all times. This multi-purpose model has been designed to give you a variety of building choices. You can build the model for static display on table top with landing gear in position. You can build the model for static display in flying mode without landing gear (simulated retract position) or you can build the model for flying either as a hand launch or catapult launched glider. You must decide how you want to build your model now and then proceed accordingly. Choose a flat building board and always cover plan with a clear kitchen film to prevent parts from sticking to plan.

FUSELAGE ASSEMBLY



ADHESIVES YOU CAN USE

Your model can be built using many different products such as white glue, epoxy, regular model cements or cyanoacrylate (CA) glues. You may choose to use any one or a variety of these adhesives for your model. For example: white glue will not hold plastic parts together or on the model but any of the others will. **WARNING:** be very careful when using CA glues and read the manufacturers' instructions completely.



NOSE BLOCK DETAIL

Make balsa nose block using 1-1/2 x 1-3/4 x 2-7/8 stock. Trace off side view, top view and end view from plan. Trim and sand block to this shape and install in final assembly.

SUGGESTIONS FOR BUILDING A SUPER SCALE STATIC DISPLAY MODEL

An even more highly detailed model can be built for static display. None of the extra material for this type of model is included in the kit. Since this model is not meant to be flown, weight is not a factor. The real aircraft framework is covered with sheets of aluminum, fiberglass, carbon fiber, etc. To duplicate this full skin covering, all tail surfaces can be duplicated with sheet balsa of the proper thickness and not built with open framework. The wing panels are also duplicated with balsa sheet cut to shape. Glue center and tip ribs in place, then shape and sand wing to conform to rib shape. The fuselage is a bit more involved. Instead of using 3/32" sq. stringers spaced as shown in drawings the entire fuselage is planked with 3/32 x 3/8 strips. All assembled components are sanded smooth and covered with tissue to fill wood pores more quickly and result in a smooth surface. This method will eliminate framework from being visible through covering and allow you to add as much detail as you wish, using the scale spec drawings as reference.

SUGGESTIONS FOR BUILDING A LIGHTWEIGHT FLYING MODEL

Sand all finished parts (wing panels, stab, vertical fins, fuselage) very carefully tapering surfaces (see specification views) so that all surfaces have a minimum of wood structure. Do not install landing gears, missiles, or any unnecessary details. After applying tissue use two coats of clear dope thinned 50 - 50 with thinner and one very light spray coat of finish color.

I NEED HELP

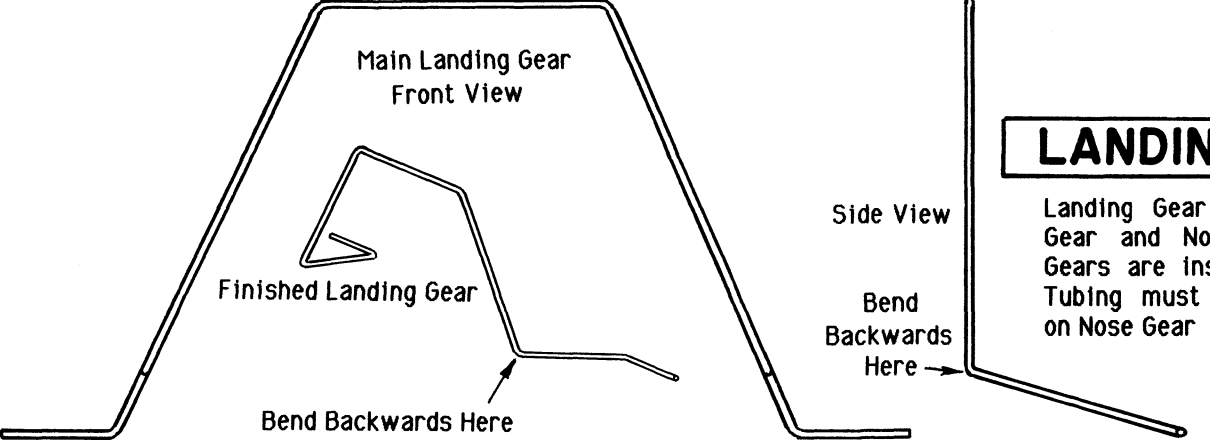
If, during the construction of your model you need a word of explanation to solve a building problem, just drop a line and we'll be glad to answer your question by return mail. We also welcome your comments or suggestions since we are intent on furnishing you the model builder with the finest scale flying model kits.

PROUD OF YOUR MODEL

If you wish, send us a photo of your completed model. We have a photo album for display at trade shows and exhibitions. Don't forget your name, address and age on back of the photo so we can credit the builder.

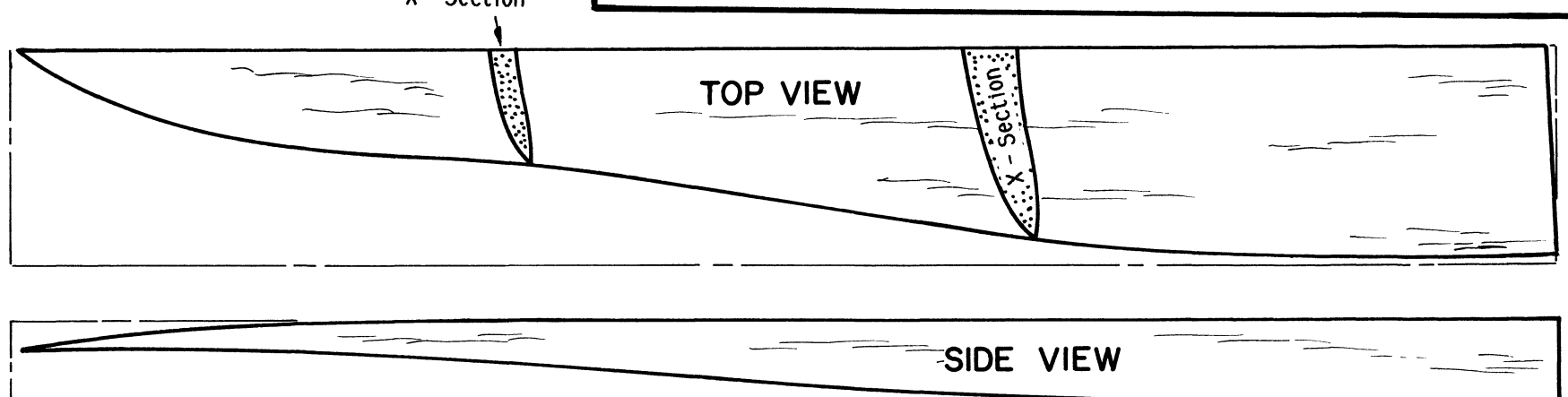
LANDING GEAR DETAIL

Landing Gear is optional. Cut and bend Main Gear and Nose Gear from .045 Dia. wire. Gears are installed in Step 5. NOTE: Plastic Tubing must be cut to length and installed on Nose Gear before gear is installed.



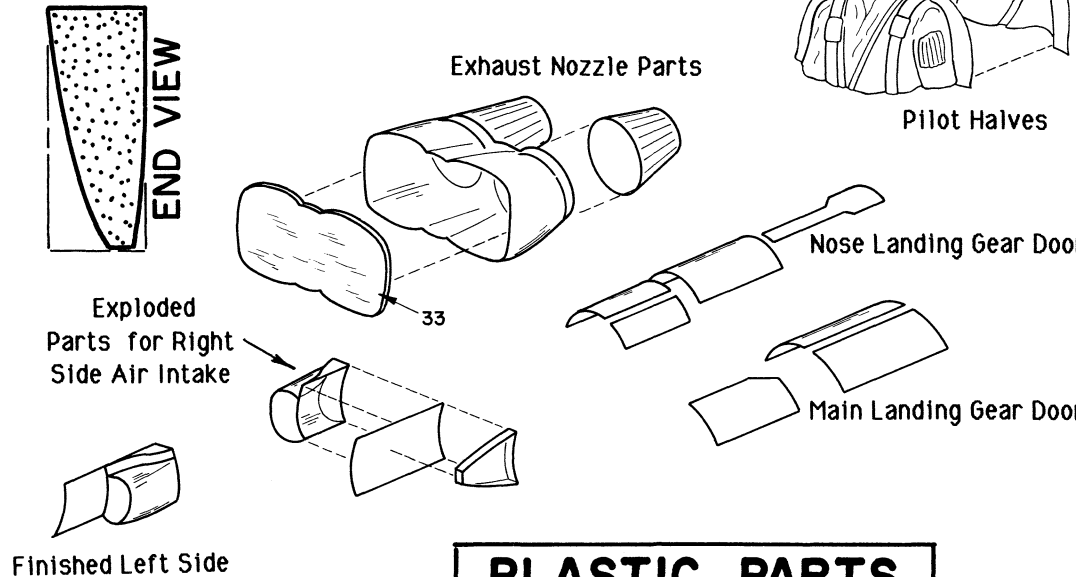
FUSELAGE / WING FAIRING BLOCK DETAIL

1/2 x 1-1/4 x 18 balsa block is used for fairings. Cut block in half to 9" lengths then trace off the Top View and Side View shape from full size drawings, BE SURE TO MAKE A RIGHT AND LEFT HAND BLOCK. Trace off the End View then carve and shape to match. Note two other x-sections and undercut to match them. Sand smooth and glue to fuselage when instructed in Final Assembly.

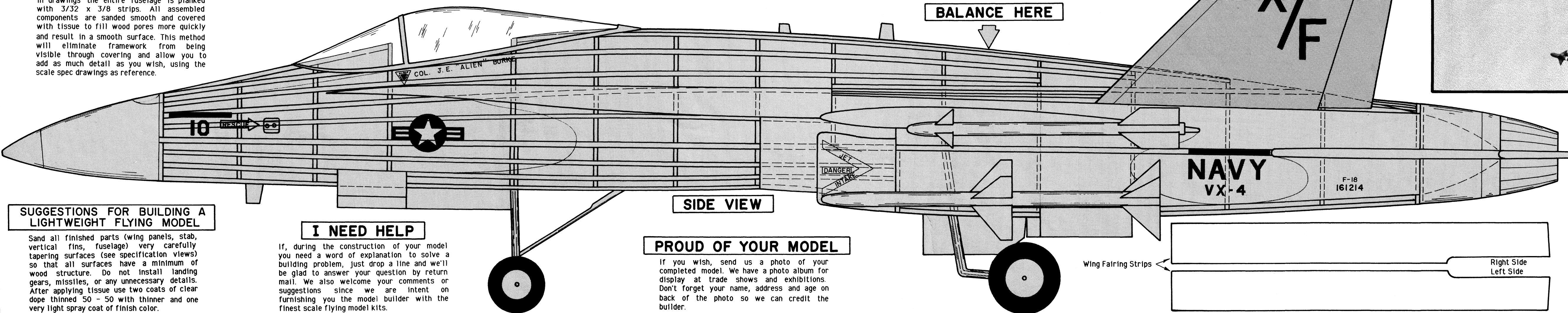


PLASTIC PARTS

Carefully trim all plastic parts from sheet as shown. Leave about 1/8" excess on front and rear pilot halves as shown. Glue pilot halves together and the three parts that form exhaust. Allow to dry thoroughly! Trim excess from pilot and sand seam smooth. Glue #33 into front of exhaust assembly. Glue the three parts that form right air intake together as shown and allow to dry. Do likewise with the three parts for left intake.



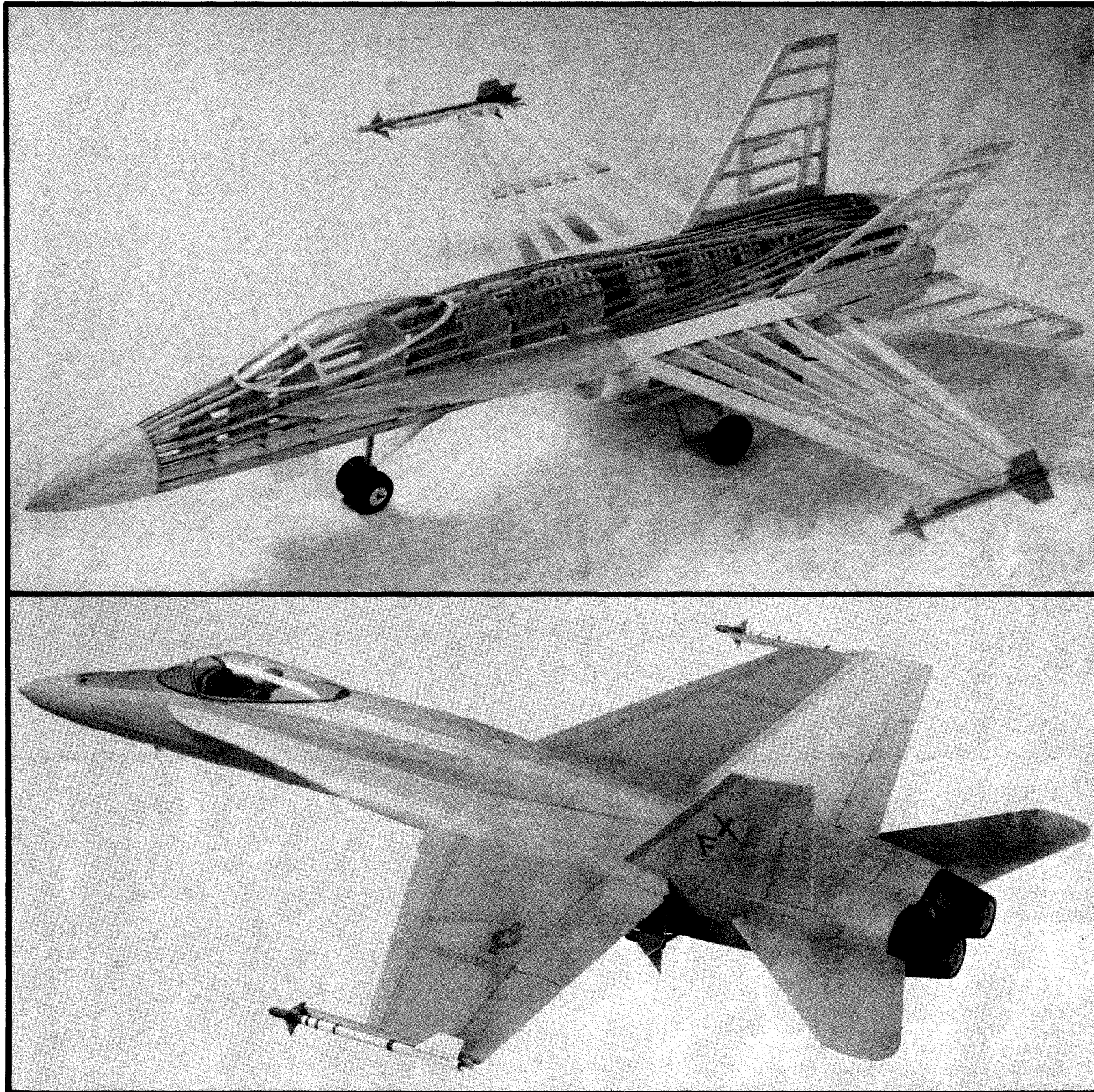
BALANCE HERE



FINAL ASSEMBLY

Carve Nose Block (see detail) and glue to front of fuselage. Sand entire fuselage smooth. Trial fit all other parts. Wings, Tails and Plastic parts to make sure everything fits well then cover fuselage with tissue. The Final Assembly sketch shows parts uncovered for clarity only they are covered separately and then joined. Glue Wing Panels in place aligning carefully against #16's at location shown on sketch and Side View. Carve Fuselage/Wing Fairing Blocks (see detail) and glue them in place. Glue Plastic Air Intakes and Exhaust in place. Glue Horizontal Tails in place in line with Keel and at location shown on side view and Spec. drawings. Glue Vertical Tails in place against top corners of fuselage at location shown on Side View. Vertical Tails lean outward at top as shown on Spec. drawings. Check alignment of all surfaces carefully as glue dries. Cut Wing Fairing Strips from plan and glue in place from top corner of #16's down to Wing as seen in Framework photo. Make Missile Rails and Missiles (see details). Glue Sidewinder Rails to Wingtips at slight downward angle (see Side View). Glue Sparrow Rails to side of fuselage at locations shown on Side View and Spec. drawings. Model is now painted. If it is to be a flying model use only two coats of Clear Dope thinned 50 - 50 with thinner, then one light spray coat of color. If it is to be a static display model painted Scale Colors, see Color Photo on Box Top and refer to Photo of real Aircraft on Plan. Entire bottom of Airplane is very light gray, as are the Vertical Tails. Top of Airplane including Leading Edge of Vertical Tails is medium gray with a dark gray Anti-glare panel on top of nose from Cockpit to front of Cannon outlets. Note how medium gray is down on the sides of Fuselage between Horizontal Tail and Wing and beneath Fuselage/Wing Fairing.

Check Photos of Model and real Aircraft. Rear portion of Exhausts are painted metallic gray. Nose is painted yellow. Paint Cockpit area flat black. Cut Instrument Panel from sheet and glue to #4. Pilot is optional. If Pilot is used, glue a scrap piece of balsa across Cockpit as a support. Glue Pilot in place. Trim out the clear Canopy and paint framework area a ruddy brown. Glue Canopy in place. Glue Sidewinder and Sparrow Missiles in place. If model has been built with Landing Gear, cut plastic tubing to length and slip over Main Gear. It is already in place on Nose Gear as mentioned in Landing Gear Detail. Install Wheels (not supplied). Two Nose Wheels are 1" Dia. and Main Wheels are 1-1/4" Dia. Paint Plastic Landing Gear Doors light gray and glue in place as shown on Side View and Spec. drawings. Install Decals at locations shown on Side View and Full Size Wing drawings.



KIT J-2
1/24 Scale Balsa Kit
Wingspan: 20" Length: 28"

F-18 HORNET

