

F4U Corsair Instructions

Instructions for the Pre-built Pieces

I would recommend a floor approx. 4 1/2 inches below the canopy sill. Make the floor out of balsa or light ply and paint black. You will need to drill holes in the floor for the rudder pedals and the stick. Where these come thru the floor you should glue balsa to the underside so it is thicker and you will have more to glue to. You may want to wait until the seat is in place before you drill the hole for the stick. Take the two rudder pedals and two rudder rails and determine where they go. The pedals will be behind the front of the dash and the rod for the rudders is on the outside edge. Drill a hole for each rudder pedal and glue in place 3/8 of an inch above the floor. Then cut the rudder pedals to length and leave the end as a front end and slide this under the dash and the rails should come back to the seat and be centered on the rudder pedals.

After the floor is done you should glue the dash to the dash former doing a test fit first and trim any excess wood off your fuse if you need to. Next take the rear former cover in the kit and cut in the shape of the former behind the seat and glue in place. Then take the two side walls and glue in place. You may need to put a few extra stringers on the fuse to glue the sides to and you will need to trim and top and bottom edges as needed. After the top sides are in place glue the two bottom sides in place. If you need to you can trim off the back end of these sides so that they will fit into the fuse.

The armour plating glues onto the green plastic sheet behind the pilots seat. Put the armour plating almost to the top and glue in place. The seat bottom should be 3/4 of an inch to one inch out from the former at the bottom and the top should glue onto the two seat mount brackets on the bottom of the armour plating. If you are going to put a pilot in this airplane you should put balsa blocks underneath the seat and even on the back of the seat.

Drill a hole for the control stick and you can glue this in place or leave loose and glue it to the pilots hand so that it will move when the pilot vibrates and will not break off.

Take the gunsight and glues this onto the top of the fuse in the center of the dash and as close to the dash as you can get, make sure that the canopy does not hit the gunsight. You will also have to glue the mount onto the gunsight.

Take this dash hood and cut a notch in the center so that it will go around the gunsight mount and over hang the dash 3/8 of an inch. Tape this down with some tape and set the canopy on top of the dash hood and draw around the edge of the canopy then cut the dash hood inside of this line and glue in place. If you want you can take some 3/16" tubing and paint black and put on the edge of the dash hood just above the dash on both sides as a safety bumper.

NOTE: Gunsight doesn't not come with this basic interior but have included it for the people who purchased the gunsight.

1/5 Scale N2A Gunsight

PARTS

- 1 Main Body
- 2 Clear Plastic
- 3 Lens Mount
- 4 Crash Pad
- 5 Main Body Bottom
- 6 Mounting Ring
- 7 Mounting Ring Plate
- 8 Two Screws
- 9 Lower Body Piece

Cut the small dia. On the main body so that it is 1/2" long. Take the lens mount and round the corners and this glues to the back of the main body 1/16" above the top with the bevel up. The lens on the N2A is cut so it glues to the lens mount and is rounded over the top of the main body. Take the lower body piece and cut off flat where the dia. Is 5/8" and glue to the bottom of the main body with the flat small end facing away from the pilot. Paint this whole assembly flat black. Sand the crash pad and paint leather brown. This glues on the back of the main body right below the lens mount. Take the mounting ring and drill one hole in each lip on each side and glue the screw in and then sand the mounting ring plate so it will glue against the mounting ring and glue in place. You can paint this zinc chromate green or flat black. Insert the gunsight into the mounting ring and glue in place. Glue the lens to the lens mount, you may also use a dowel glued into the front of the gunsight and glued into a hole into the dash to mount the gunsight if the mounting plate will not work.

Paint the Reflector lens in the top of the main body silver. You may want to do this before you glue the plastic on.

Tips for a Better Cockpit Interior

- 1 Before cutting your pieces out of plastic you should cut a sample piece out of heavy paper or plastic maybe even cutting several pieces and taping them together to form the layout then put this over your piece, mark it and cut it out.
- 2 Before gluing any plastic make sure your glue is compatible with the plastic by testing it on a sample piece.
- 3 If there are resin molded pieces in your cockpit interior you can lighten them up by drilling them full of holes before you glue them in place.
- 4 For knobs and levers you can use various pins from your local sewing shop. Using different style pins for the levers you can also cover the pins with paper or wood to simulate the real levers.

- 5 Before starting any cockpit interior you should purchase literature on the airplane and study the interior so you know which colors to paint and where the various switches and levers are and also what kinds of switches and levers there are.
- 6 If your kit has aluminum pieces in it that you have to cut you should insert a piece of wood inside before you cut or back it up with a piece of wood.
- 7 When you are putting an interior into a flying plane you need to make sure that it is braced and glued securely so that the vibration will not brack it apart. You may even consider using a flexible glue such as silicone.
- 8 When you are doing an interior and you cannot put the floor in a scale location put the floor as low as you can and then cut off the bottom so the side walls and such to still give it a scale appearance.

Instructions on Installing a Dash

Cut out around the edge of this dash and cut the back off of the guage holes leaving about 1/16" of an inch. Next paint this dash semi flat black. After this dries take the plastic and cut out a piece to cut over all of the holes and tack glue in place with a low temperature hot glue gun. Next cut out around all of the guages and place behind the plastic, center the guages and tack glue the guages in place. Remember that you do not have to cut the guages apart. Next cut a piece of scrap 1/16" balsa to fit inside this and tack glue this behind the paper guages to make a sandwich. You may need to glue acouple of pieces of balsa onto the back of the dash to make it as thick as it needs to be. Now you can finish the front such as adding knobs, painting buttons white etc.

Note- Instead of tack gluing the guages and plastic in place you can use clear plastic tape and then hot glue the balsa onto the back.

Installing the Cockpit pieces into the Airplane

Floor- Remember to put sheeting on the floor if you are going to have a pilot and other pieces sitting on the floor. You can also put extra bracing under the floor where the pilots seat goes.

Side Walls- You should glue balsa to the back side of the molded side walls to have a solid surface to mount on.

Dash and Gunsight- Make sure the dash is securely glued in place and if you can put extra bracing where the gunsight goes. You can also put an extra dowel thru the dash and into the gunsight to help support it.

Glueing Pieces In- Make sure your glue is compatible with the plastic and if you can you should use a glue with some flexiability such as silicone or rubber based thick CA. Also remember to remove any paint where you are glueing pieces together.

Seats- If you are using a pilot you will want to put balsa under the seat so the seat is not supporting

all the weight of the pilot. You can also stick a dowel up thru the balsa and thru the seat to help secure the pilot.

After the pieces are installed you can weather the interior by rubbing small amounts of silver paint on wear areas also smearing black marker or charcoal as to where greasy areas would be.

After your cockpit is done please email us some pictures of your finished work. Our email is dynamic1@lmtc.net If you have any questions you can call us at 815-856-2271.

