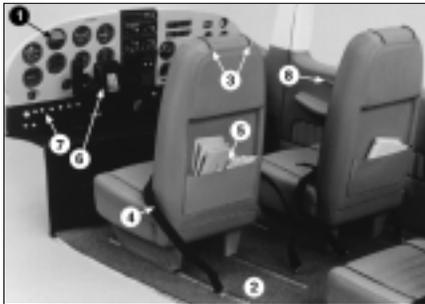


DETAILING HINTS



❑ 1. Carefully cut the **radios** and **fuel gauges** from the instrument decal included in your Top Flite Cessna kit and attach them to the **front** of the plastic instrument panel. Attach the remaining instrument decal pieces to scrap balsa or thin cardboard, then glue it to the **back** of the molded panel.



The numbers on this photo apply to the following steps

❑ 2. Carpet may be attached to the floor with 3M #77 spray adhesive. Glue the carpet in position, then cut around the front seat tracks to expose them. Trim the carpet edges to size.

❑ 3. Seat and door beading can be made from embroidery "floss" or string. Tack glue a short piece at one end with thin CA, then stretch it to the end of its run. Hold it with tweezers while you CA the floss or string in place.

❑ 4. Seatbelts are cut from 1/4" dressmakers' elastic (included in this kit). One end is threaded through the eye of a large T-pin and spot glued to itself. The pin is inserted through the floor, bent 90 degrees and glued to the underside of the floor. The buckles are cut from chrome trim tape or could be made from aluminum foil.

❑ 5. Maps and magazines are made from small pieces of the real thing.



❑ 6. The cavity on the back side of the control yokes is filled with automotive body filler or epoxy. Before the filler sets-up, insert a 1/8" x 1-1/4" dowel into the center of the yoke. Secure it in position until the filler cures. The dowels are mounted by drilling 1/8" holes through the instrument panel and glued to small scrap wood blocks on the back side.

❑ 7. All knobs and buttons are made from large and small quilters pins. Insert them through the instrument panel, then bend them 90° on the back side. Cut off the excess close to where the pins are bent, then glue them in position on the back side.

❑ 8. The pull straps on the doors are made from short pieces of scrap plastic glued in position with CA.

Many more details can be added. It's up to you. A little imagination and craftsmanship is all it takes. Have fun with this project. The results will be well worth the effort.

FINAL INSTALLATION

❑ 1. Glue the left and right cabin sides in position. We suggest using clear silicone sealer as the adhesive because it provides a good bond between wood and plastic.

❑ 2. Slide the floor into position between the sides following by the aft bulkhead. The floor and aft bulkhead may be glued in position with CA. Glue the seats to the floor with CA **after** scraping off any paint from the points of contact.

❑ 3. Install the instrument panel using your chosen method.

When you take your Cessna 182 to the field, try to be gracious in accepting all the praise you will undoubtedly get. Happy flying!

PRINTED IN USA.

Cessna 182 SKYLANE™



SCALE INTERIOR KIT FOR THE GOLD EDITION CESSNA 182 SKYLANE



WARRANTY..... Top Flite Models guarantees this kit to be free from defects in both material and workmanship at the date of purchase. This warranty does not cover any component parts damaged by use or modification. In no case shall Top Flite's liability exceed the original cost of the purchased kit. Further, Top Flite reserves the right to change or modify this warranty without notice. In that Top Flite has no control over the final assembly or material used for final assembly, no liability shall be assumed nor accepted for any damage resulting from the use by the user of the final user-assembled product. By the act of using the user-assembled product, the user accepts all resulting liability.

If the buyers are not prepared to accept the liability associated with the use of this product, they are advised to return this kit immediately in new and unused condition to the place of purchase.



Top Flite Models
P.O. Box 788
Urbana, IL 61803
Technical Assistance - Call (217) 398-8970

READ THROUGH THIS INSTRUCTION BOOK FIRST. IT CONTAINS IMPORTANT INSTRUCTIONS CONCERNING THE ASSEMBLY OF THIS MODEL.

Congratulations for deciding to install a fully detailed, scale looking interior in your Top Flite Cessna 182 Skylane. This is a project that can be as detailed or as straightforward as you care to make it – the choice is yours. We have provided the basic kit that can be assembled and painted in a few hours. It represents a stock Cessna interior as delivered from the factory. The color scheme and minor surface details change from plane to plane, so you may need to add extra goodies like headrests or shoulder harnesses depending on the full-scale plane you modeled. By using this kit, some imagination and your modeling experience, you can create a great looking interior that will "wow" them at the flying field.

TOOLS AND SUPPLIES:

- ❑ Thin CA – (Top Flite® Supreme™ recommended)
- ❑ Hobby knife and # 11 blades
- ❑ Scissors or Lexan® shears
- ❑ Round file
- ❑ 100, 220,340 and 400-grit wet or dry sandpaper

- ❑ Sanding block - (Great Planes Easy-Touch™ Bar Sander recommended – #GPMR6170)
- ❑ Selection of small paint brushes
- ❑ Paint compatible with styrene plastic
- ❑ Model Enamel paint – (Testors Enamel Recommended)
- ❑ Plastic model seam putty (Testors), or automotive body filler (Bondo®)

- ❑ Needle nose pliers
- ❑ Spray adhesive – 3M #77 (MMMR2000)
- ❑ Tweezers
- ❑ Silicone sealer adhesive

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SCRAPS FROM AROUND YOUR WORKSHOP

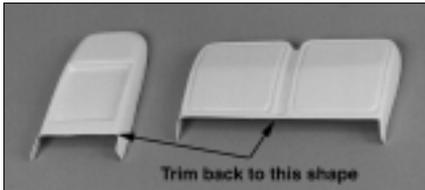
- Stiff paper or index card – for seat pockets
- Chrome trim tape – for seatbelt buckles
- Large T-pins – for seatbelt attachment

GETTING STARTED

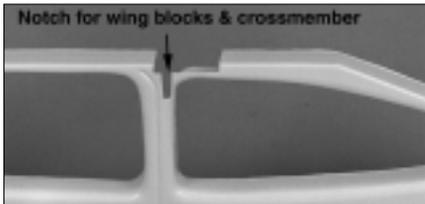
Assembling and installing your scale cockpit will probably require minor adjustments and "tweaking" to fit your particular model. This is because of variations in building technique, parts alignment and glue fillets that may interfere with proper positioning of the parts. A little patience is all that is required to obtain a good looking installation. Trim parts a little at a time, checking the fit after each adjustment. Remember, you can always remove material, but it's hard to put it back.



1. Start by trimming all parts to the embossed "trim lines." Be sure to leave a 1/8" - 3/16" lip around the fuse side panels to provide a gluing surface for the floor and aft bulkhead. Use a hobby knife or scissors to "rough cut" the parts, then sand the parts with a sanding block to straighten the edges. You can evenly sand the edges by simply taping a sheet of 240-grit sandpaper to your workbench. Then work the part in a circular motion while pressing down gently. Cut out the center of each instrument cavity and smooth the edges with sandpaper. **NOTE:** Save all scraps of smooth plastic (especially from inside the window openings) for later use.



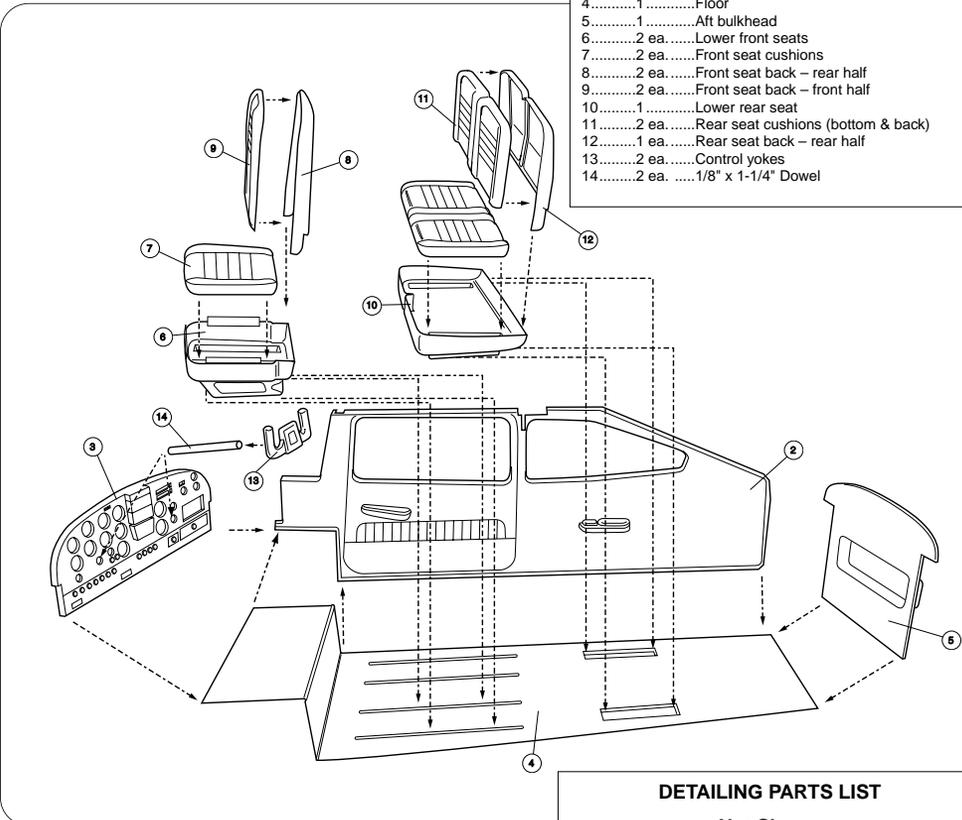
2. Carefully remove the bottom portions of the front and rear seat backs as shown in the photo. The side "tabs" will be used to attach the seat backs to the lower sections.



3. Refer to the exploded drawing on the following page to see how the parts will fit together. Without using glue, (and in the following order), fit the sides, floor, aft bulkhead and instrument

panel into the fuselage cavity. You will need to cut the top edge of the sides to fit around the wing blocks and top cabin cross-member as shown in the photo. Use the underside of the rear window frame and also the side windows for reference when trimming the side panels to size.

NOTE: We recommend that once the sides are in position, you glue three or four strips of 1/4" x 1/2" balsa across the width of the fuse at the bottom edge of the plastic side panels to provide additional support for the floor.



PLASTIC PARTS LIST

- 1.....1.....Side panel – left (Not Shown)
- 2.....1.....Side panel – right
- 3.....1.....Instrument panel
- 4.....1.....Floor
- 5.....1.....Aft bulkhead
- 6.....2 ea.....Lower front seats
- 7.....2 ea.....Front seat cushions
- 8.....2 ea.....Front seat back – rear half
- 9.....2 ea.....Front seat back – front half
- 10.....1.....Lower rear seat
- 11.....2 ea.....Rear seat cushions (bottom & back)
- 12.....1 ea.....Rear seat back – rear half
- 13.....2 ea.....Control yokes
- 14.....2 ea.....1/8" x 1-1/4" Dowel

DETAILING PARTS LIST

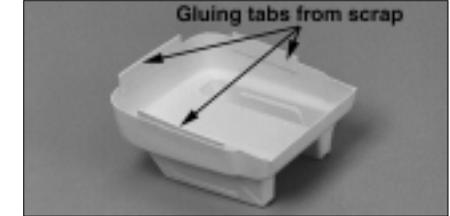
– Not Shown –

- 1 yd.Dressmakers' elastic – Seat belts
- 12 ea.Small head pins – Dash knobs and buttons
- 4 ea.Large head pins – Throttle/Mixture knobs
- 1 ea.9" x 18" Carpeting

4. Decide how you are going to attach the forward floor section (the part that covers the servos and battery compartment) and the instrument panel. Some strategically positioned spots of Velcro® Hook and Loop Material (Great Planes #GPMQ4480 recommended) may be used for this purpose or you could use #2 sheet metal screws and small mounting blocks made from scrap plywood or hard balsa. The servo cover could be folded back for access to the servos or it could be made completely removable – your option.

5. When you are satisfied with the fit of the primary cabin parts, remove them from the model and set them aside until it's time to paint.

ASSEMBLE THE SEATS



1. Cut several 1/4" x 1" strips of plastic from the flat scrap material you saved earlier. These will be used to create gluing tabs for the seats. Glue three strips inside the **bottom halves** of both **front seats** (protruding half way over the edge) as shown. Glue four strips inside the **bottom of the rear seat**.

2. Glue two or three strips to the inside of the three seat back cushions.



3. Insert the tabs of the rear seat back into the bottom half of the seat, then apply a piece of masking tape to the joint. The seat back should angle toward the rear of the cabin by a few degrees. Glue the seat back in position by "wicking" a few drops of thin CA into the joint from the back side. Remove the tape after the CA has cured.

4. Tape the rear seat cushions to the bottom half of the seat at a couple of places. When the two halves are aligned, use thin CA to glue the parts together. Use the same technique to add the seat back cushions.

5. Assemble the two front seats the same way as the rear seat.

6. Use plastic model seam putty or automotive body filler to cover all of the joints. When the filler has cured, wet sand it smooth with 340 or 400-grit sandpaper.

7. Seat back pockets can be made from index cards or stiff paper glued into position with thin CA.

PAINTING AND DETAILING

1. Before painting, **thoroughly clean** the parts with rubbing alcohol, then allow them to dry completely.

2. Paint the parts with paint compatible with styrene. For the best results, use spray paint. Do not use Top Flite LustreKote™ as it is not compatible with styrene. If adding "carpeting," paint only the embossed seat tracks before installing the fabric.