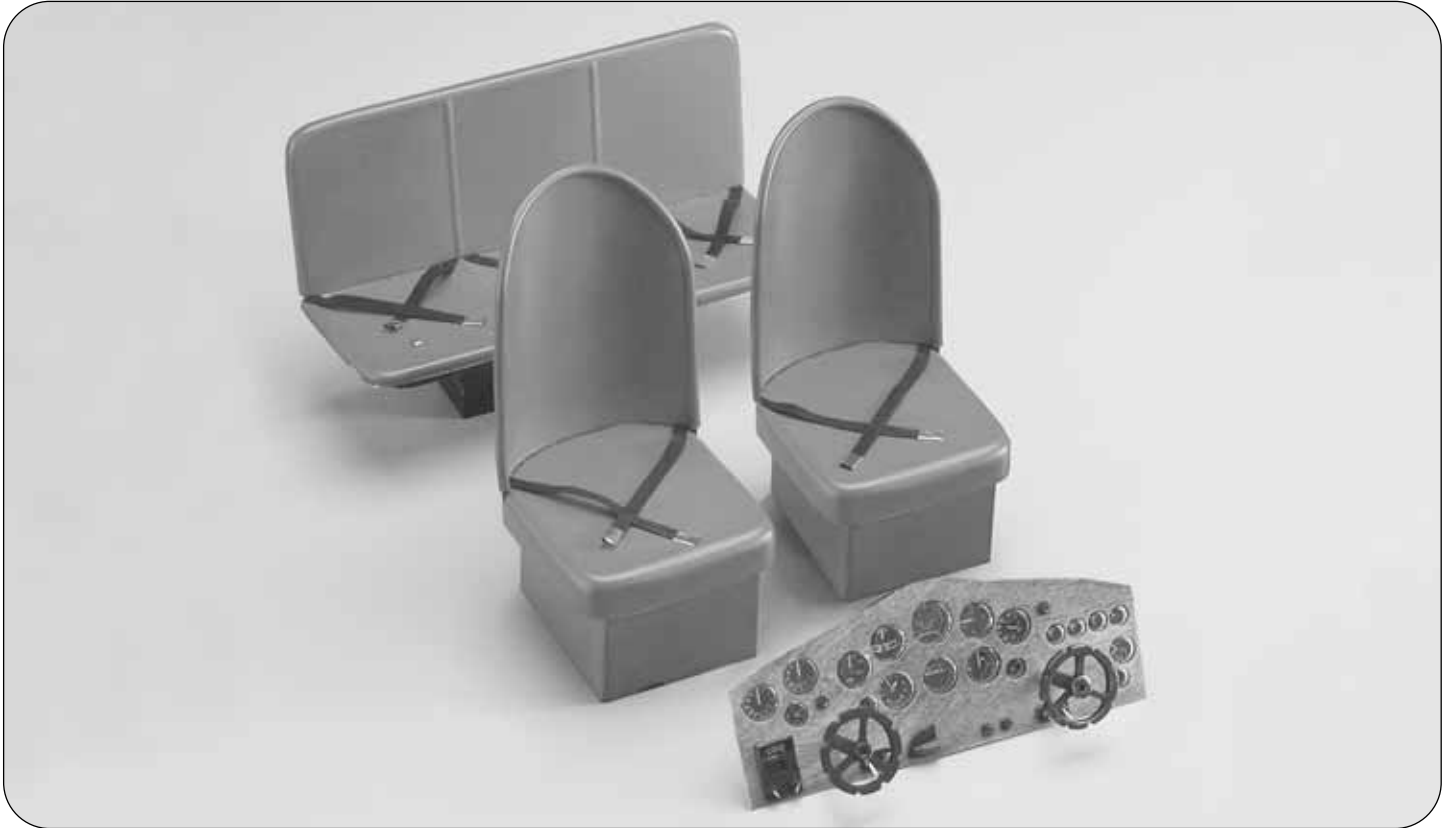


# STINSON RELIANT



## SCALE INTERIOR KIT FOR THE GOLD EDITION STINSON SR9



**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.



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**READ THROUGH THESE INSTRUCTIONS FIRST. THEY CONTAIN IMPORTANT INSTRUCTIONS CONCERNING THE ASSEMBLY OF THIS MODEL.**

Congratulations for deciding to install a fully detailed, scale looking interior in your Top Flite Stinson SR9. This is a project that can be as detailed or as simple 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 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 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

- 4oz. Aliphatic resin glue
- 1 oz. Thin CA (GPMR6002)
- Hobby knife and #11 blades
- Curved tip canopy scissors (HCAR0667)
- 220, 320 and 400-grit Wet-or-dry sandpaper
- Bar Sander (GPMR6170)
- Selection of small paint brushes
- Model enamel paint (Testors)

### LEFTOVERS FROM AROUND YOUR WORKSHOP

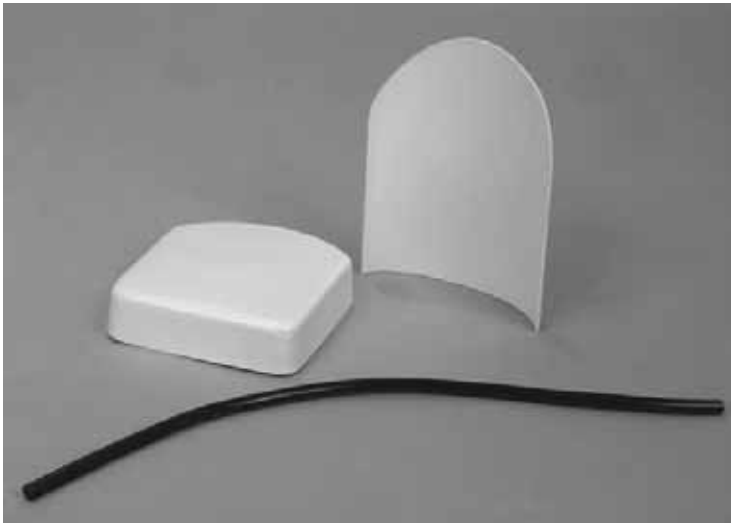
- Chrome trim tape – for seat belt buckles
- 1/4" balsa to raise the front seats to the proper height
- Thin colored vinyl material to line the interior of the doors and the floor (optional)

### PARTS INCLUDED

- STNGCIPL01 .....(2) Front seats
- STNGCIPL02 .....(1) Rear seats
- STNGCIPL03 .....(1) Steering wheels (sheet of two)
- STNGCIPL04 .....(1) Instrument gauge lens
- SCRW024 .....(2) #2 x 3/8" Sheet metal screw
- TAPE002 .....(2) Black elastic tape
- PIN001 .....(3) #17 White head pin
- PIN002 .....(3) #28 White head pin
- DOWEL004 .....(2) 1/4" x 1" Wood dowel
- BN40F05 .....(1) Cockpit coaming
- STNGCIIP .....(1) Laser-cut instrument panel

## ASSEMBLE THE SEATS:

- ❑❑ 1. Cut the front seat bottom and back on the embossed cut line.

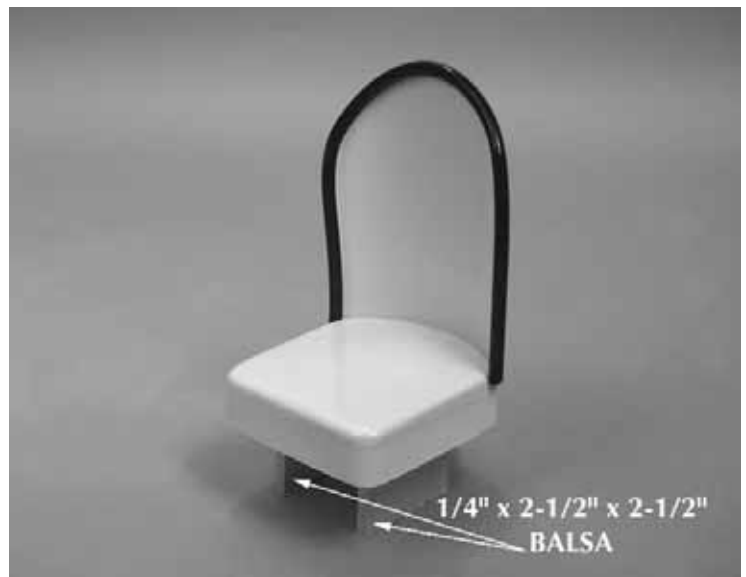


- ❑❑ 2. The front seat consists of the bottom, back and vinyl tubing for the seat back. Trim the seat back as needed to get a good fit between the back and bottom.

- ❑❑ 3. Hold the seat back and bottom together with masking tape. Be sure the back is in the recess in the back of the seat bottom. The seat back should angle toward the rear of the cabin a few degrees. Glue the seat back in position by "wicking" a few drops of thin CA into the joint along the bottom and sides. Remove the tape after the CA has cured.

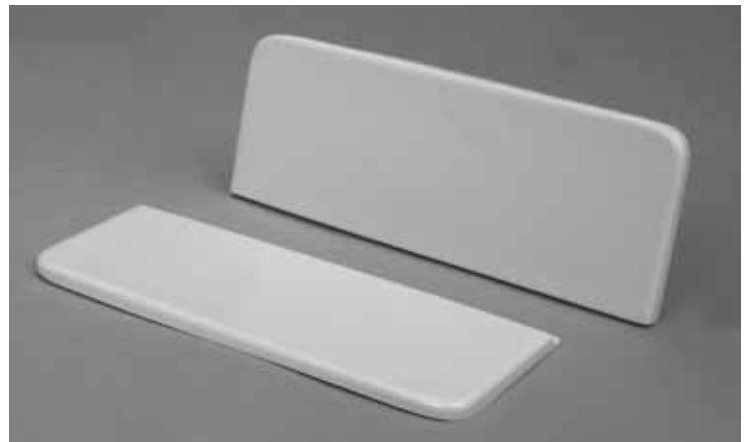


- ❑❑ 4. From the 36" slit vinyl tube, cut off a 13" piece and fit it around the edge of the seat back. "Wick" some thin CA into the slit to attach the tube to the back.

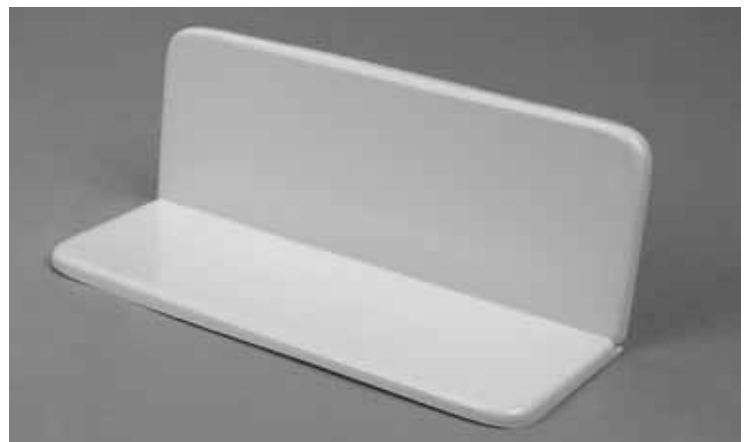


- ❑❑ 5. Make pedestals from 1/4" balsa (not included). Cut two pieces 2-1/2" x 2-1/2" and glue them to the underside of the seat. This will raise the seats to the proper height. You may wish to add some leftover balsa to the front and back of the pedestal. This will close off the bottom of the seat as is shown on the cover photo of these instructions. This is optional.

- ❑ 6. Assemble the remaining front seat the same way.



- ❑ 7. Cut the rear seat bottom and back on the embossed cut line. Trim the seat back as needed to get a good fit between the back and bottom.

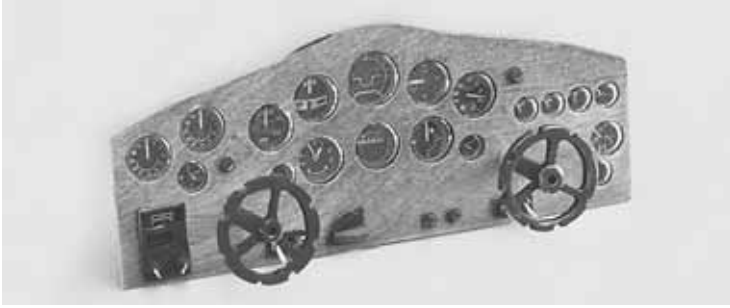


- ❑ 8. The seat bottom is identified by the notch in the rear of the seat. Hold the seat back to the seat bottom with masking tape. The seat back should angle toward the rear of the cabin a few degrees. Glue the seat back in position by "wicking" a few drops of thin CA into the joint along the bottom and sides. Remove the tape after the CA has cured.

## PAINTING:

- ❑ 1. Before painting, **thoroughly clean** the parts with rubbing alcohol, then allow them to dry completely.
- ❑ 2. Paint all the parts with **model enamel** (DO NOT USE TOP FLITE LUSTREKOTE® PAINT). Use a 1/2" wide camel hair brush (or an artist's airbrush) to obtain the smoothest finish. You may wish to leave the vinyl around the seat back unpainted (this is a nice contrast to the color of the seats). If you wish to paint it, we suggest you lightly scuff the surface with some 400-grit sandpaper before painting. The balsa pedestals should be painted flat black.

## DETAILING INSTRUCTIONS:



- ❑ 1. Lightly sand the laser-cut plywood instrument panel. The panel can either be painted or stained and varnished. We chose to stain ours since most of the original aircraft had a wooden panel.
- ❑ 2. After applying your choice of finish, trim the clear acetate sheet to fit the back of the instrument panel, then glue it in place.
- ❑ 3. Cut out the paper instrument panel from this instruction sheet. Cut off the radio and the toggle switch portion from the sheet. Using aliphatic glue, apply the radio and switches to the front of the instrument panel. Glue the remaining instruments to the backside of the panel.
- ❑ 4. Cut out the two control yokes. Glue a 1/4" x 1" wooden dowel to the center of each yoke and paint the assembly to the color of your choice. When that has dried, glue the yokes in position on the instrument panel.
- ❑ 5. Knobs and buttons can be made from large and small quilter's pins (included in this kit). Insert them through the instrument panel, then bend them 90 degrees on the backside. Cut off the excess wire close to where the pins are bent, then glue them in position on the backside.

- ❑ 6. Seat belts are cut from 1/4" dressmakers' elastic (included in this kit). One end is glued to the seat bottom where the seat bottom and back come together. The other can be glued in place near the front of the seat. Some of the Stinson SR9 versions had seating for three people on the rear bench. Others had seating for two. We have provided enough material for the two front seats and up to three belts for the rear bench seat. The buckles can be cut from chrome tape or could be made from aluminum foil.

- ❑ 7. In our prototype we lined the floor and the interior walls with a very thin black vinyl (not included) that was readily available at a fabric shop. This gave our cabin a nice finished look. You may want to consider this as well or at the very least, paint all of the wood areas inside of the cabin.

*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. To make clearance for the instrument panel, cut the Top Deck of the fuselage on the embossed lines. This will allow the instrument panel to fit onto the bulkhead F2T. It is recommended that you paint bulkhead F2T flat black before gluing the panel in place.
- ❑ 2. Glue the seats to the floor with CA. If you have painted the floor be sure to scrape some of the paint from the wood to insure a good bond. If you have lined the floor with vinyl it would probably be a good idea to cut away some of the vinyl so that the bottom of the seat pedestal is in contact with the wood floor.
- ❑ 3. In the instruction manual of the airplane you were instructed to glue two pieces of leftover 1/4" x 1" x 2" balsa across the servo rails. These are to support the rear seat and give you a point to screw the seat in place. If you have not installed these balsa pieces, go back and do this now.
- ❑ 4. Place the rear seat in position onto the balsa supports. Drill a 1/16" hole through the seat into the 1/4" balsa supports. Remove the seat and saturate the hole you just drilled in the balsa with thin CA. After the glue has cured you can screw the seat in place with two #2 x 3/8" sheet metal screws. You may wish to glue a strip of balsa to the front of the rear seat as shown in the exploded view drawing. This will allow you to completely hide the servos from view in the cabin. The rear seat should be positioned over the servos and attached to the mounting rails with two #2 x 3/8" sheet metal screws (included). Refer to the construction manual and plan for the exact location.

***When you take your Stinson to the field, be ready for the praise you will undoubtedly receive. It is a beautiful aircraft. Happy flying!***



