

RV-7-7A-9-9A

Cowl Pin Covers

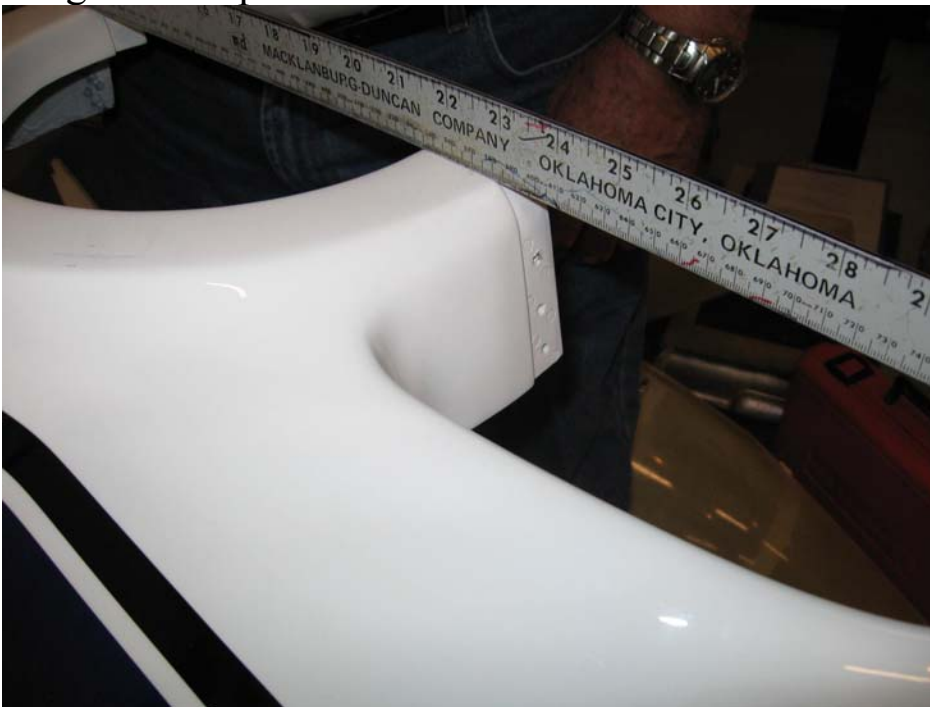
NOTE: the only difference in the installation from the RV-10 and the RV-7-7A-9-9A is the distance you measure down in step 1

Distance is 1.75" on both sides

In the cowl pin cover kit you received a right and left emblem blank and a right and left emblem polished cover. They should be marked but you can tell them by the thicker end is the front. You will want to use the blanks to do all your set up with. They are slightly oversized and will accommodate for paint thickness once you paint your aircraft.

Step 1

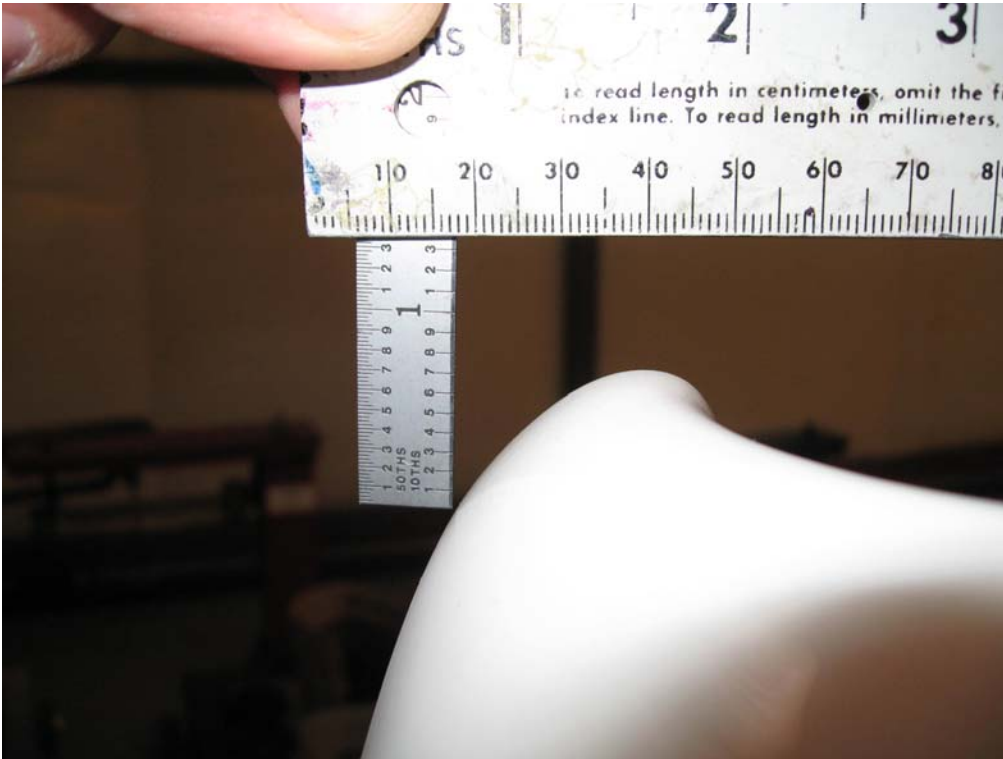
Put a straight edge along spinner ring in photo 1 and 2 and measure back to the side of the cowl as shown. This will be the front location for each cover. Then center the emblem on the cowl Hinge line as photo 3.



(Left side) Measure down 1.75" from the straight edge and
Make a mark for the front edge of the left side.

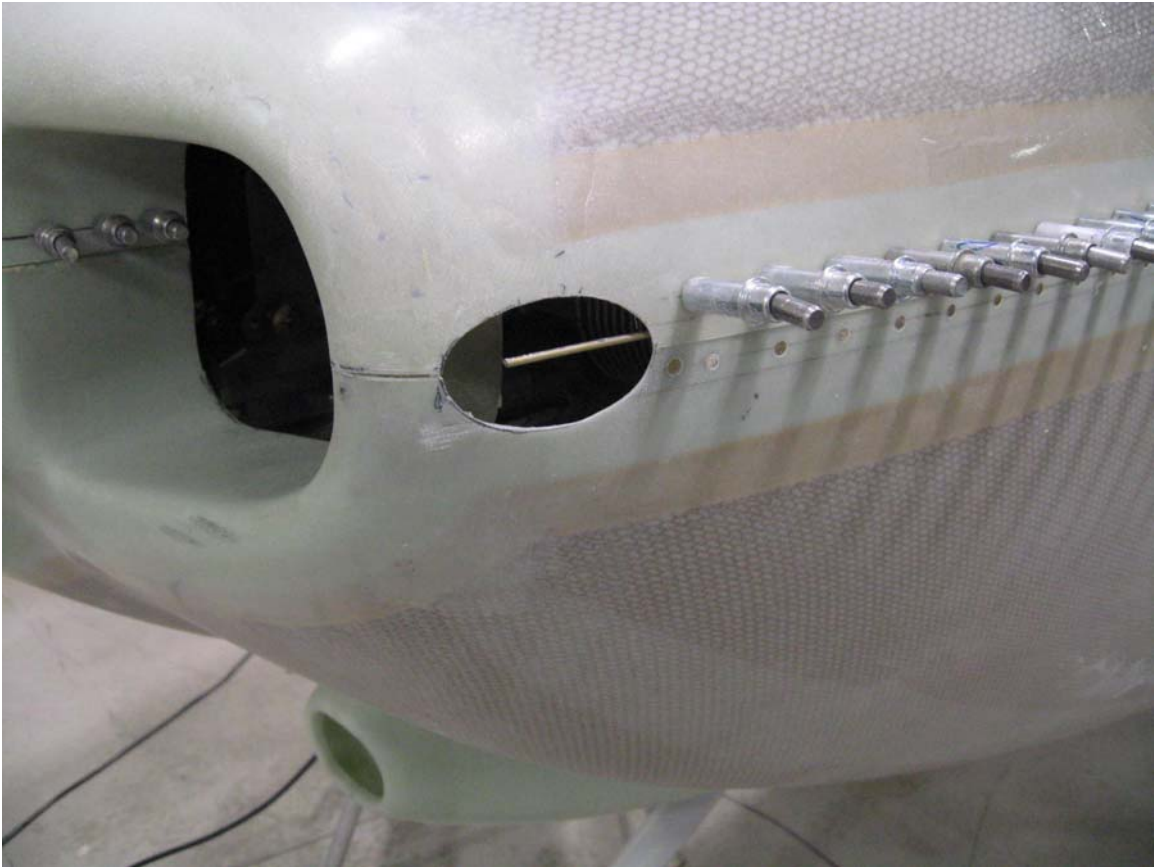


Repeat on the right side 1.75 inches RV-7



Step2

Fasten top and bottom cowl pieces together and align the front of the blank emblem with mark made in the previous step And center on the cowl horizontal joint line. Draw or scribe a line around the emblem on both top and bottom cowl parts.



Step3

Keep cowl halves together and cut out the hole so the blank emblem fits in just snug. Take your time and do a little at a time. Keep taking little amounts off until the emblem is just touching the cowl halves.

Step4

Once you are happy with the fit put 2 coats of wax on just the backside of each blank emblem. Align the blank emblems to the cowl outside skins as best you can and either tape them on to cowl halves to hold them in position or some other way you might prefer. These emblems have been cut to match the outside of the skins as best possible. They might not fit perfect but will be very close. Once you have them where you want them make a little slurry of epoxy resin and micro balloons or other light filler and put around them on the inside of the cowl halves. There will be a little step between the cowl inside skin and the emblem. It should not take much. Let that cure until tacky. Then apply 4 layers on 6

oz. Cloth or equivalent to the backside of the emblems and cowl each cowl half. Overlap the glass at least 1 inch on to each cowl half. Repeat other side. Let cure.



Step5

Do not remove emblem yet. Drill holes thru emblem attach holes and fiberglass to mark the 6-32 screw holes. Cut thru fiberglass on centerline to separate cowl halves. Take cowl halves apart and knock emblems out. Trim as necessary and install 6-32 nut plates.



Enjoy your Covers

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