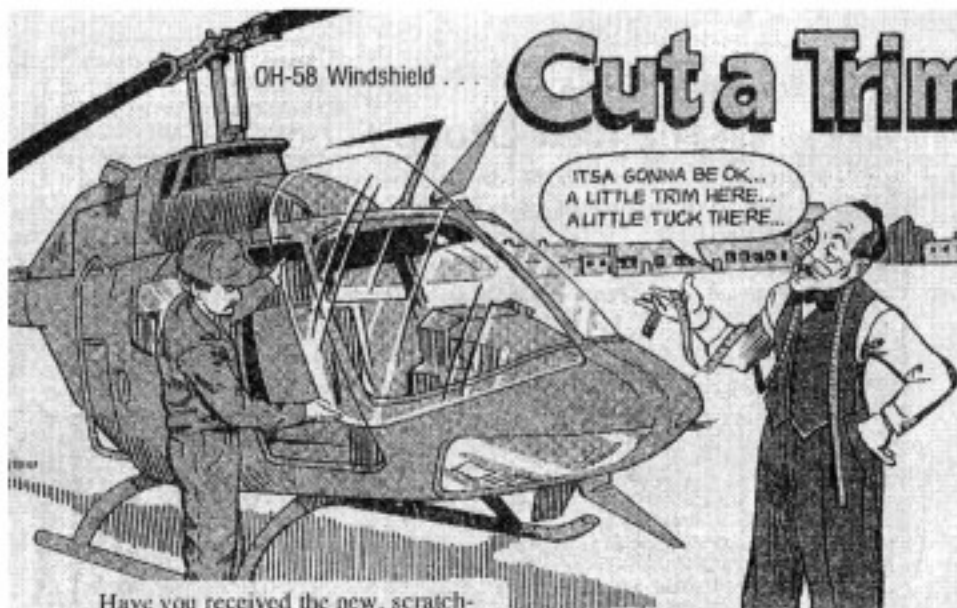


OH-58 Windshield . . .

Cut a Trim Figure



Have you received the new, scratch-resistant acrylic windshield for your Kiowa?

To get a trim fit when installing it, follow these tips:

Don't remove the windshield's protective coating before cutting.

First, measure the window against your bird's window frame. Place the inboard edge of the plastic against the windshield center post as a guide. You won't cut that edge of the plastic.



Use a grease pencil to mark the rest of the acrylic for trimming. The sheet is large and bulky, so get someone to help hold it while you measure.



Cut the window (or have your support folks do it) with the band saw in the AVIM machine shop. That type saw is best because the blade rotates in only one direction. That lowers the chance of cracking the plastic.

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If the windshield arrives without a coating, tape a piece of flannel to the saw's table to protect the plastic during cutting.



Before starting the saw, rub a bar of soap over the blade to lube it, making it less likely to grab.

Try cutting a small piece outside of your grease pencil markings first, from

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a section of plastic that'll be thrown away when you finish. The test cut will give you a chance to adjust the saw's cutting speed, blade size and number of teeth. Then cut the window along the markings.



Install the windshield as Para 2-128 of TM 55-1520-228-23 says.

Then clean off the coating, using the materials listed in Para 1-18 of the -23 or in Table 2-1 of TM 55-1500-333-24.

Remember to pocket rings or wrist-watches before cleaning the windows. The plastic's scratch-resistant, not scratch proof!

Use low-pressure water and soft cloths, NSN 8305-00-641-5606, for the wash job. Rinse suds off before they dry. Otherwise, you'll wind up with white streaks on the window and have to do the job over.

To put a shine on your new windshield, use polish, NSN 7930-00-935-3794. For long-term protection, apply a coating of Rain Repellent and Surface Conditioner (REPCON), NSN 6850-00-139-5297. Para 2-37 in TM 55-1500-333-24 has the word on how to use it.

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