

RANS

4600 Highway 183 Alternate

Page 1 of 2

Hays, KS 67601
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Airworthiness Directive: 123

Date: June 14, 2001

Subject: S-12S Flow Fence

Compliance: Mandatory

Models Effected: All S-12S with Warp Drive Propellers

Cost: None

Parts Provided: Foam Rubber

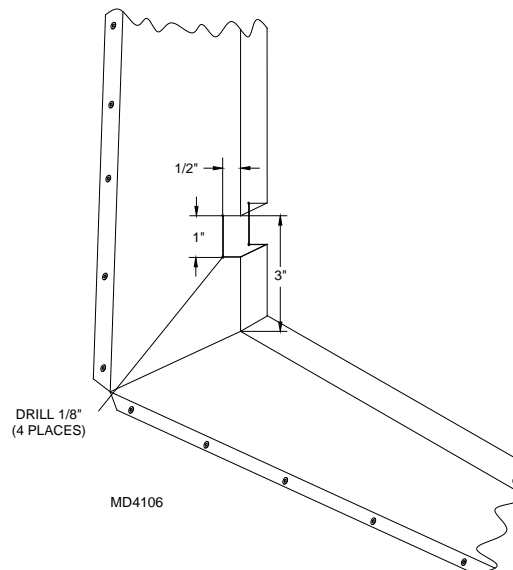
Builder Supplied Parts: Super Glue

S-12S aircraft equipped with the 912 and 912S engine have the potential of a rough start. When this occurs, it is possible for the tip of the propeller to contact the flow fence.

Please take the following steps to prevent damage to the flow fence and propeller:

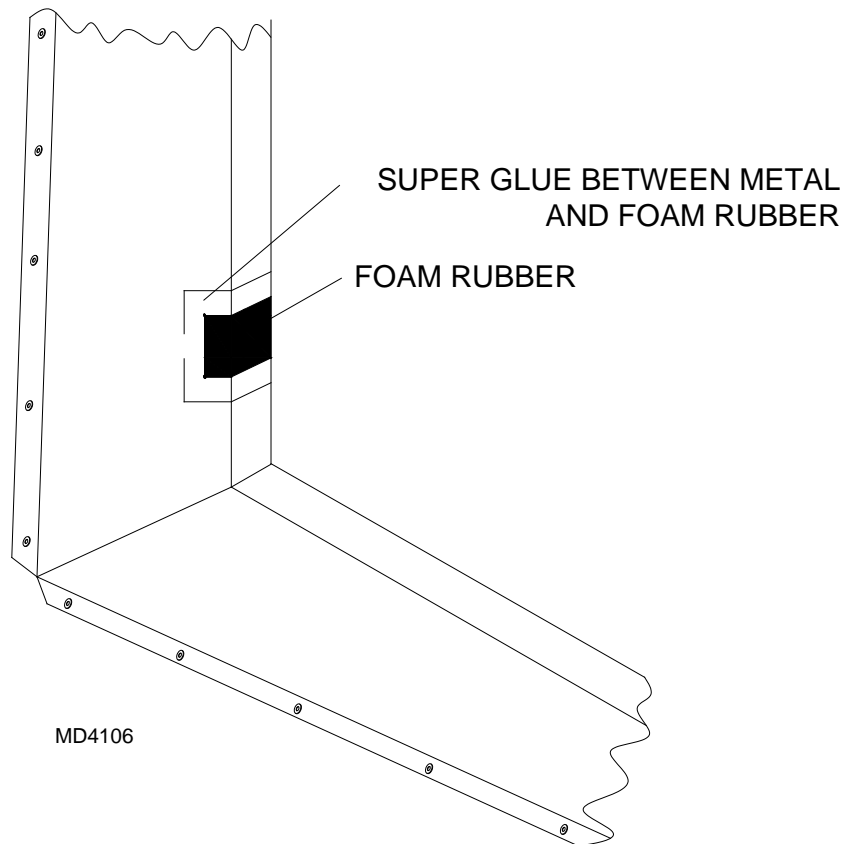
1. Check if your aircraft has a 2" propeller spacer installed. A 2" spacer is required.
2. Using a high speed cutting tool, like a Dremel®, cut out a notch as shown in **Figure 1**. Drill holes in locations shown to prevent cracking.

Figure 1



2. Take the foam rubber provided, glue together the two pieces of foam to form a single block and insert into notch. Use super glue to secure in place by squirting small amounts between the foam rubber and sheet metal. See **Figure 2**.

Figure 2



Description	Part Number	Qty
5/8" x 2" x 1" Black Foam Rubber	----	2

Thank you for your attention to this matter. Hopefully we have not inconvenienced you to any great degree. Fly safe!