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## **Technical Bulletin 281097SR**

**Date: Friday, October 31, 1997**  
**Chilliwack, British Columbia**

**Attention: SR 2500 Builders**  
**Subject: Elevator Trim Tab Servo**

**Contact: Technical Services**  
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Please be advised that the trim tab servo MAC-8A replaces the MAC-4A currently used on the SR2500. This change also results in a change in the way the servo is connected to the trim tab.

After a great deal of consideration and many hours of test flights we have decided that it was necessary to replace the existing trim tab servo (MAC-4A) with a longer travel servo (MAC-8A).

The longer travel -8A servo allows us to use an external trim control horn. With this configuration the movement of the trim tab is slowed down in relation to the motion of the servo. This produces less load on the servo, which could result in longer servo life, but more importantly, trim sensitivity is decreased. This results in less chance of flutter and allows the pilot to make finer adjustments to the trim.

All customers that currently have the -4A servo should return their servo to us (mail please) and we will send the -8A servo along with the necessary parts to make the change. Note that these parts will be provided at no charge to you.

We apologize for any inconvenience and extra work resulting from this change but we feel it is necessary and we believe that the benefits to you, the customer, will make this change worthwhile.

[See attached documentation for details.](#)

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