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**SERVICE BULLETIN**

**SB056-0600**

Subject: Lancair IV and ES Rudder pedal weldments

Date: 21<sup>st</sup> June, 2000

Ref: Figures 1 & 2

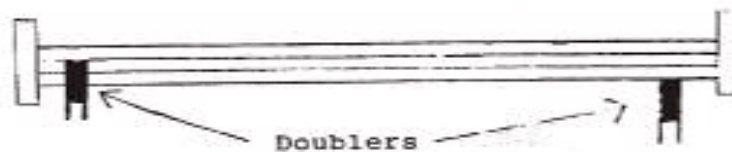
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Status: Mandatory Inspection

**Background:**

Early attach braces for the rudder cables did not have doublers welded onto the tabs for side loading. Because of any minor misalignments of the rudder cables, it may be possible for the attach braces of the rudder cables to bend. Thereby reducing rudder movement.

**Rudder Pedal Weldment  
Fig. 1**



**Action:**

Inspect to see if your rudder pedal weldments have the doublers. If there are no doublers, check for bending. If they are bent, a 1/4" stiffener doubler needs to be installed between the tabs. The doubler is bolted in between the tabs using two AN5 -7A bolts, and washers on both sides. Use the tab as a template to make the doubler. The 1/4" aluminum can be purchased through Lancair.

**Side View of Tab  
Fig. 2**

