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SERVICE BULLETIN

SB030-0597

Subject: Lancair Elevator Travel Stops (IV, ES and MKII)

Date: 1 May, 97

Ref: Applies to ES, IV, and MKII horizontals and elevators only

Pages: 2

Status: Mandatory Change

Background:

We are recommending all elevators with the travel stop shown in Fig. 1 be inspected for possible control interference. On a recent first-flight inspection, it was discovered that the elevator weldment locked underneath the bolt head during full control deflection as a result of a strong wind gust. This could happen during *full up or down* control deflection. While this is unlikely to occur in flight, all Lancairs with this installation should inspect their travel stops and make the mandatory change.

Typical Travel Stop

Fig. 1

