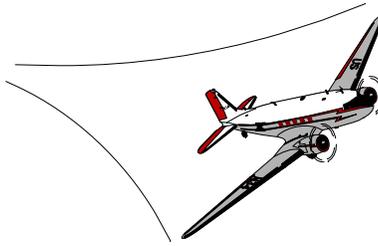


# SPECIAL AIRWORTHINESS INFORMATION BULLETIN



U.S. Department  
of Transportation  
**Federal Aviation  
Administration**

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This is issued for informational purposes only and any recommendation for corrective action is not mandatory.

## **Introduction**

The purpose of this Special Airworthiness Information Bulletin (SAIB) is to advise operators of the importance of ruddervator balancing on Raytheon (Beech) Model 35 Series airplanes.

## **Background**

There have been several incidents involving flutter of an unbalanced ruddervator on Raytheon Model 35 Series airplanes. Fortunately, in each case, the pilot was able to recover from the condition by reducing power. The proper and accurate balancing of control surfaces is essential to the safe operation of aircraft. This is also the subject of Airworthiness Directive (AD) 94-20-04, applicable to the Model 35 Series airplanes.

## **Recommendation**

In this SAIB, the FAA is recommending, but not requiring that ruddervators be balanced off the airplane whenever they are repaired or repainted (even if only stripes are added). The ruddervators should be balanced using the criteria and instructions in Bonanza Maintenance Manual Number 35-590073. In addition, all operators are urged to review the applicability and requirements of AD 94-20-04 to insure complete compliance with the specified requirements of that AD.

## **For Further Information Contact**

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