



## **Advisory Notice for Titan T-51 Mustang Aircraft**

September 4, 2012

### **Inspection required before any further flights and during every annual inspection**

**Affected aircraft:**

- All aircraft

**Aircraft not affected:**

- None

**Circumstances:**

During a routine landing an aircraft's tailwheel collapsed. The welds on the lower tailwheel fuselage frame attachment points had cracked over time allowing the tailwheel to collapse and turn sideways in the fuselage. This aircraft had a known tailwheel shimmy problem and is tail heavy. The welds showed signs of vibration fatigue as the cracks were originated from the center.

**Inspection required:**

Inspect the fuselage frame welds on the lower and upper tailwheel attachment points for cracks and deformities. This should be done during every annual inspection.

**Corrective action:**

If cracks are found, then the area will have to be prepped for welding by a trained professional. Once the repairs are complete apply paint to the area to prevent rust.

Contact Titan Aircraft: 440-275-3205 or email [support@titanaircraft.com](mailto:support@titanaircraft.com) with any questions or concerns.

Best regards,

A handwritten signature in blue ink that reads "John Williams".

John Williams  
President  
Titan Aircraft