



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

April 12, 2012

### **Inspection required before any further flights**

#### **Affected aircraft:**

- Aircraft equipped with Autoflight gearboxes and aluminum hard lines

#### **Aircraft not affected:**

- Aircraft equipped with any other gearbox configurations

#### **Circumstances:**

On two separate aircraft, an aluminum hard line going from the gearbox to the governor pad cracked near the AN fitting. On both occasions, it was a suction line that cracked and no hydraulic fluid was lost. The resulting vacuum leak, though, would not allow the governor to cycle control the propeller pitch correctly, resulting in poor performance.

#### **Inspection required:**

Inspect all the aluminum hard lines going from the gearbox to the governor pad for fatigue or failure.

#### **Corrective action:**

It is recommended to upgrade the hard lines with braided stainless steel hose, as this is how all of our current engines are produced.

Contact Titan Aircraft: 440-275-3205 or email [support@titanaircraft.com](mailto:support@titanaircraft.com) with any questions or concerns or to order a stainless steel hose kit (MM12-116 for Suzuki or MM12-117 for Honda).

Best regards,

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

John Williams  
President  
Titan Aircraft