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**Airworthiness Directive: 137**

**Date:** February 7, 2011  
**Subject:** Nose Gear Strut Inspection  
**Compliance:** Mandatory  
**Models Affected:** S-6 with Nose Gear

Inspection of the Nose Gear Strut is very important. Many installations have a Nose Gear Fairing installed which covers areas of the Nose Gear Strut that require regular inspection. Failure to inspect the Nose Gear Strut, especially beneath the Nose Gear Fairing, may allow a potential crack to form undetected. Especially check the area of the Nose Gear Strut between the Fuselage and top of the Nose Gear Fork. This is particularly important if the plane has experienced Nose Wheel Shimmy.

Please follow the instructions provided to insure your safety in this matter.

**Compliance:**

Remove Nose Gear Fairing, (if applicable).

Inspect Nose Gear Strut.

Check for cracking or signs of stress at every Annual Condition Inspection or 100 hour Inspections. Especially check the area of the Nose Gear Strut between the Fuselage and top of the Nose Gear Fork.

Inspect after Nose Gear Shimmy is experienced.

Contact RANS Aircraft Parts Department to purchase a replacement Nose Gear Strut, if cracking or stress is found.

RANS Aircraft Parts Department also has a Nose Gear Shimmy Dampener Kit available.

Thank you for your attention to this matter. Hopefully, we have not inconvenienced you to any great degree.

Fly safe.