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## **SERVICE LETTER / NOTIFICATION – SEPT 01, 2020**

**Issue Date**

Sept 01, 2020, Rev. 0

**Subject/Purpose**

Nose gear bungee inspection and installation

**Affected Models**

All aircraft – CH designs

**Compliance Time**

Next oil change

**Inspection Frequency**

Annually

**Background**

Broken bungee strands

**Subject/Purpose**

Inspection of the nose gear bungee for broken strands. If found, replace the bungee by using this simple solution of stretching the bungee over the nose gear pin with an engine hoist and ratchet strap.

**Inspection**

Inspect the nose gear bungee for broken strands. See example of following photo.

Note that if the bungee is not installed carefully, strands can break as in the following photo. The bungee must be replaced.



How to replace / install a nose gear bungee without damaging it.

- 1, Remove the damaged bungee by cutting it off.
- 2, Remove the nose gear leg and install the new bungee through it.
- 3, Re-install the nose gear leg. The bungee will be loose at this time.
- 4, Attach a good ratchet strap around the bungee and to an engine hoist
- 5, Stretch the bungee by moving the engine hoist arm up.

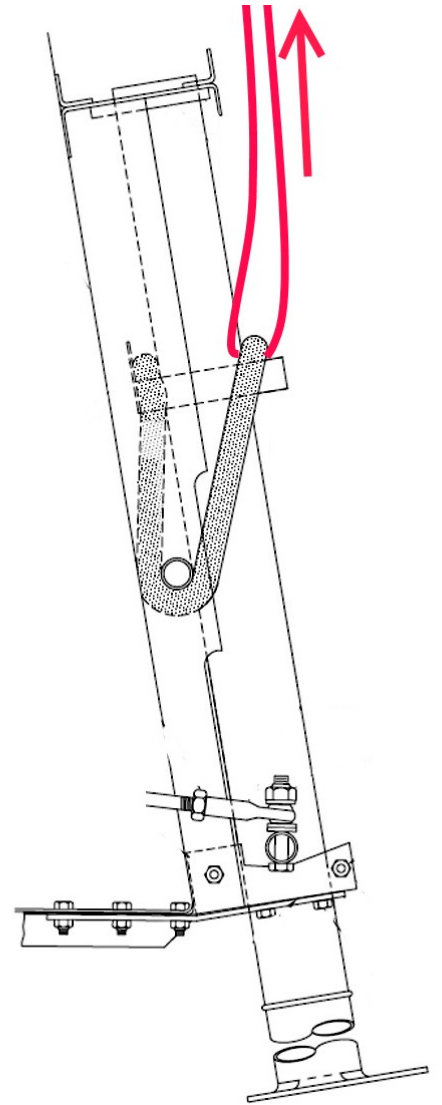
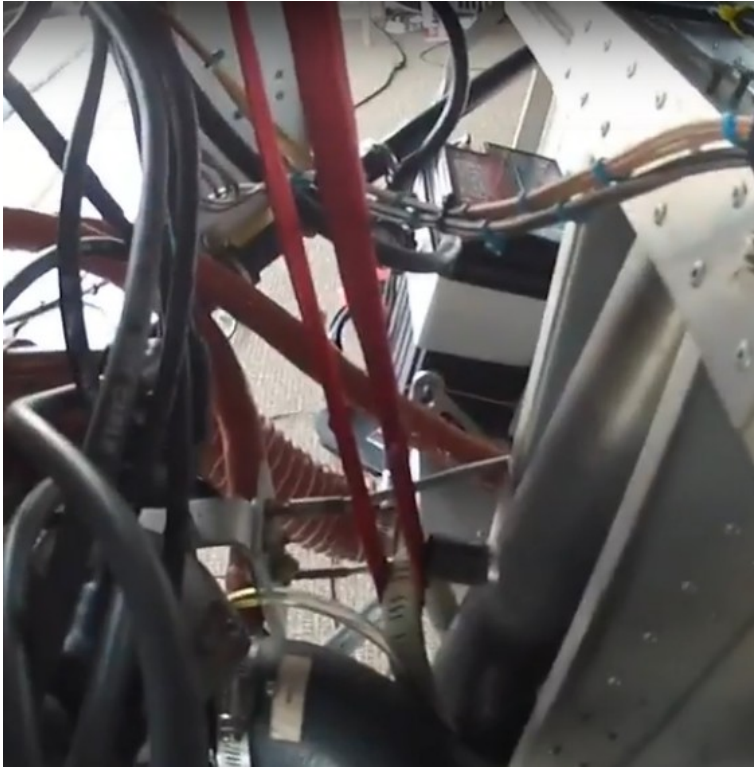
[http://cyberspaceandtime.com/mm-K\\_xYJdlw.video+related](http://cyberspaceandtime.com/mm-K_xYJdlw.video+related)

For the full details of installing and removing the nose gear leg, see the Service Manual.

Perform a complete inspection of the nose gear area once complete.

With the nose wheel off the ground, move the rudder pedals to full deflection stops. Let go of the rudder pedals and the nose gear must self-centre. [https://youtu.be/bP06iXla\\_G8](https://youtu.be/bP06iXla_G8)  
This keeps the aircraft in level flight. Adjust rudder cables for level flight.  
Check cable deflections.

For additional informational, please contact Zenair Ltd.



Attach the ratchet strap to an engine hoist.

