

Status: MANDATORY

Models and Serial Numbers: Jabiru 3300 Tri Gear Configurations

This includes all aircraft fitted with motor mount part numbers SNX-P22-02 or SNX-P22-08.

Date of Issue: 08.24.11

Reference Number: SNX-SB-007

Description:

Sonex Aircraft has received reports of the tri-gear Jabiru 3300 engine mounts breaking where the outer tube interfaces with the triangular bracket that supports the nose gear strut.

Mandatory Inspection:

All tri-gear Jabiru 3300 motor mounts must be checked prior to your next flight with a particular emphasis on the area where the tubes interface with the triangular nose strut gusset. This should be continuously checked at regular intervals after that, such as at oil changes, 25, 50, and 100 hour inspections and during the Condition (Annual) Inspection.

This area must also be inspected immediately if nose wheel vibration is detected, a hard landing is experienced, after rough field operation, or if the nose strut is stressed sideways from improper ground handling.

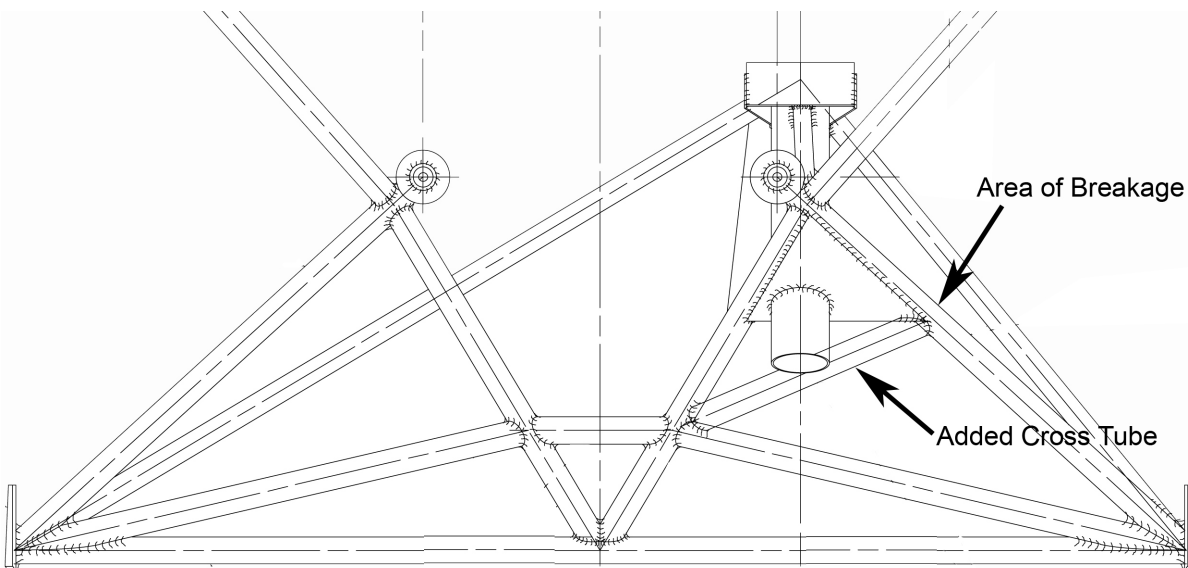
Any crack found must be repaired prior to your next flight.

Optional Corrective Action:

Sonex Aircraft has upgraded all new production Tri-Gear Jabiru 3300 motor mounts (identified on the plans, on packing lists, and by part label as part number SNX-P22-10) to include an additional tube. This tube, made of 3/4" diameter x .035" wall 4130 steel tubing can be added to all existing motor mounts.

Registered Sonex aircraft owners can contact Sonex Aircraft at tech@sonexaircraft.com and request a free tube, part number SNX-P22-07, which can be welded to your motor mount after removing the engine.

The tube must be welded in place using accepted aircraft welding and repair practices.



Ongoing Inspection:

Modified motor mounts must be inspected at regular intervals, such as at oil changes, 25, 50, and 100 hour inspections, and during the Condition (Annual) Inspection.