

ALERT SERVICE LETTER

Subject: Non-Rotating Cargo Hook Suspension System Interference

Helicopters Affected: Bell Helicopter 412EP, 412HP and 412SP

Parts Affected: Cargo Hook Suspension Systems installed under the kit P/Ns listed in Table 1 below:

Table 1 – Affected Parts

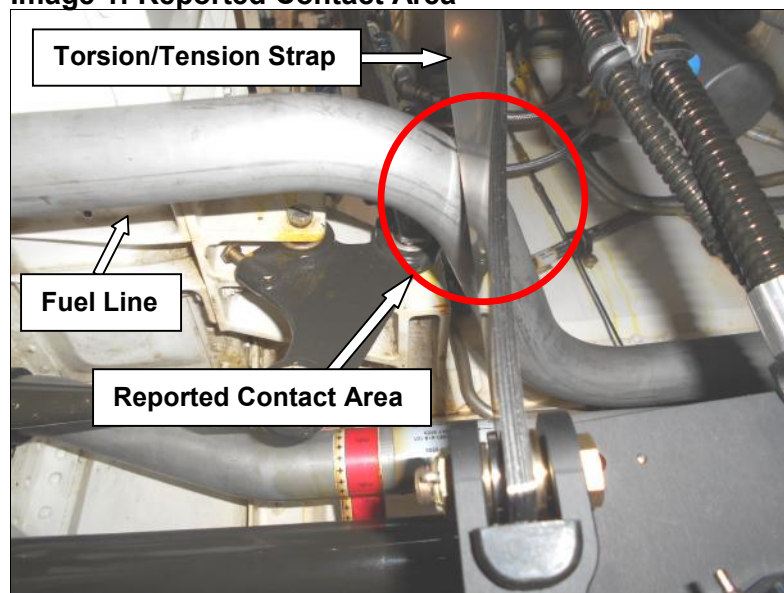
Kit P/N	Description	STC
200-401-XX	Non-Rotating Cargo Hook Suspension System	SR00713SE
200-391-XX	Non-Rotating Cargo Hook Suspension System w/ Onboard Weighing System	SR00713SE

Compliance: Recommended.

Ownership: Please review this information and determine if the equipment is still in your possession. If this equipment is no longer in your possession, please forward this notice to the current owner or to your customer, as applicable.

Description: Onboard Systems has received a report of contact between the cargo hook suspension system torsion/tension strap and a fuel line routed through the hook well on a Bell 412EP. This was discovered during the initial installation of the system and did not lead to any incident. See image below.

Image 1: Reported Contact Area





Alert Service Letter

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Action: To comply with this bulletin, perform the following:

- 1) **Perform the installation check-out procedure.** Verify the cargo hook suspension system will pass the check-out procedure outlined in Owner's Manual 120-145-00, Section 4.4, Paragraph 2. This procedure calls for moving the cargo hook suspension system throughout its entire range of motion and ensuring it does not contact any adjacent equipment mounted in the hook well. Pay particular attention for any contact between the suspension system torsion/tension straps and any fuel lines routed through the area.
- 2) If there is any contact between the suspension system and any adjacent equipment, including fuel lines, immediately remove the cargo hook suspension system from service and contact Onboard Systems for further guidance.
- 3) If there is no contact between the suspension system and any adjacent equipment, no further action is required.

Manpower: Approximately 0.5 man-hour(s) will be required.

Required Materials: None

Special Tools: None

Weight and Balance: Not affected

Electrical Load Data: Not affected

References: None

Publications Affected: The following publications can be downloaded from the company web site by visiting the following link:

http://www.onboardsystems.com/Support/Manuals_and_Documents.php

Owner's Manuals: 120-145-00

Contact Information: Technical support questions regarding this bulletin can be addressed through the following contact methods:

Onboard Systems
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