



**ONBOARD SYSTEMS  
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## Alert Service Letter

Document No. 159-022-00 Rev. 0

July 5, 2007

**Subject:** Revised cargo hook kit maintenance criteria for Onboard Systems Robinson R44 Cargo Hook Kits

Dear Valued Customer:

Onboard Systems has revised the maintenance criteria for all of our Robinson R44 Cargo Hook Kits. The revised maintenance criteria apply only to those cargo hook kits that are used to transport fertilizer spreaders or other loads with similar rotating tendencies. If your cargo hook suspension system does not carry loads with rotational tendencies, then these new requirements do not apply.

The following table outlines the affected hook kit part numbers and their associated manuals, which can be downloaded from our company website at the following link:

<http://www.onboardsystems.com/products/index.php?prodid=9>

It should be noted that only Owner's Manual 120-077-00 currently contains the updated maintenance instructions, as the other manual revisions are still awaiting FAA approval. However, the revised maintenance criteria found in this manual will be the same for all kits, so we encourage you to download and review the new maintenance instructions in Document 120-077-00, regardless of the part number you may have.

Affected Cargo Hook Kit Part Numbers	Revised Manual
200-227-00	Owner's Manual Document No. 120-077-00
200-265-00	ICA Document No. 123-005-00*
200-288-00	ICA Document No. 123-016-00*
200-289-00	ICA Document No. 123-016-00*

\* Pending FAA Approval



If your cargo hook suspension system has been used with fertilizer spreaders or loads with similar rotating tendencies, the new maintenance criteria calls for an overhaul interval of no more than 100 hours of hook operation as detailed in the manuals referenced above. We recommend that operators who are performing these types of external load missions immediately implement the revised maintenance requirements.

Onboard Systems is dedicated to supporting helicopter external load operators. Consequently, we are developing a new cargo hook kit for the Robinson R44 that is designed specifically to handle the repetitive torsion that fertilizer bucket load work induces. The new kit will be rated for full usage under these extreme operating conditions, and we expect this kit to be FAA certified within the next year.

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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 your customer, as applicable.

We welcome any feedback and comments you may have. If you have any questions or require additional information, please feel free to contact us.

Best regards,



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