

Continuing Airworthiness Notice – 05-014



Onboard Systems Cargo Hooks – New inspections for hooks used for torsional load applications

20 January 2021

Issued by the Civil Aviation Authority of New Zealand in the interests of aviation safety. A Continuing Airworthiness Notice (CAN) is intended to alert, educate, and make recommendations to the aviation community. A CAN contains non-regulatory information and guidance that does not meet the criteria for an Airworthiness Directive (AD). The inspections and practices described in this CAN must still be carried out in accordance with the applicable NZCAR Parts 21, 43 and 91 - CAN numbering is by ATA Chapter followed by a sequential number for the next CAN in that ATA Chapter.

Applicability:

Onboard Cargo Hooks with P/N 528-028-00, 528-028-01, 528-028-02, 528-028-03, 528-028-11, 528-028-55, 528-028-57 and 528-028-69.

Purpose:

To advise operators and maintainers of new/additional inspections required for cargo hooks used for torsional load applications, which have been introduced in Onboard Systems Component Maintenance Manual (CMM) document number 122-015-00, revision 28 dated 15 December 2020.

Background:

This CAN is prompted by CAA awareness of several cargo hooks in New Zealand being damaged due to torsional loads. Loads attached to a cargo hook with a spreader bar (e.g. a fertilizer bucket) may cause the cargo hook to be subjected to high torsional loads which can damage the cargo hook.

To ensure continued airworthiness of the hook, additional inspections, certain on-condition repairs, and/or appropriate replacement actions have been added to the manufacturers CMM.

Refer to Onboard Systems CMM 122-015-00 for the new/additional inspections required for cargo hooks used for torsional load applications.

Recommendation:

Operators and maintainers of affected cargo hooks should review the updated Onboard systems CMM and make the necessary changes to their maintenance schedule.

Note:

Onboard Systems CMM 122-015-00, revision 28, dated 15 December 2020, or later approved revision can be obtained from the Onboard Systems website at: <https://www.onboardsystems.com/document/search>