



Lifesaving Systems D-Lok Hook fitted to
Goodrich Rescue Hoists

AWB 02-037 **Issue :** 1
Date : 02 July 2009

1. Applicability

This Bulletin refers to Helicopters fitted with a D-Lok hook manufactured by Lifesaving Systems Corp. These hooks are common equipment fitted to Rescue Hoist systems.

2. Purpose

The purpose of this Bulletin is to highlight the possibility that defective D-Lok hooks may be installed on some Helicopter hoists.

3. Background

Goodrich Corporation, sensors and integrated systems (hoist & winch), has advised of receiving field reports, from rescue hoist operators, of surface irregularities and discontinuities on D-Lok Hooks supplied by Lifesaving Systems with part numbers 410-A and 410-F. Although the investigation is still on-going, a non-approved change in the hook manufacturing process is suspected to be the cause of surface irregularities and discontinuities found in the material. This condition, if left uncorrected, could lead to fracture of the hook.

Following the release of Goodrich Service Bulletin SB 42315-489-01 to address the unsafe condition, EASA AD 2009-0124 was issued on European helicopters identified by Goodrich Corporation to have hoist systems that may contain the affected D-Lok Hooks.

CASA AD/SUPP/22 was issued to mandate the foreign AD inspection on Australian registered European helicopters.

As D-Lok hooks are used on other rescue hoist systems, and on other helicopter platforms, EASA SIB 2009-20 was also released to highlight the possibility that this unsafe condition may be more widespread.

4. Recommendation

It is recommended that operators and users of Rescue Hoist systems with D-Lok Hooks fitted carryout a similar inspection to that specified in the Goodrich Service Bulletin as soon as practicable to determine the airworthiness of the D-Lok hook.



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5. Enquiries

Enquiries with regard to the content of this Airworthiness Bulletin should be made via the direct link e-mail address:

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