



EASA Safety Information Bulletin

SIB No.: 2009-20
Issued: 29 June 2009

Subject: Lifesaving Systems Corp. D-Lok Hook of the Rescue Hoist – Inspection / Replacement.

Ref. Publications: Goodrich Sensors and Integrated Systems (Hoist and Winch) Service Bulletin (SB) 42315-489-01 Revision 1 dated 5 June 2009.

Description: Goodrich published the above-referenced advisory document to inform owners and operators of helicopters, equipped with a D-Lok Hook Assembly, manufactured by Lifesaving Systems Corporation (LSC), Part Number (P/N) 410-A and P/N 410-F (Goodrich P/N 42315-489), that routine inspections of these hooks, unacceptable surface irregularities and discontinuities have been detected. LSC has confirmed that manufacturing discrepancies have been identified, which resulted in two batches of these hooks (identified as lots 208 and 1108) being non-compliant with the specifications.

Although no incidents have been reported, EASA has identified these hooks as potentially unsafe and issued Airworthiness Directive (AD) 2009-0124 to require the inspection and eventual replacement of the affected hooks from helicopter types on which these hooks are known to be installed, as identified in the Goodrich SB.

After the AD was issued, information has become available which indicates that these hooks may be installed on more helicopters than those identified by Goodrich. Additionally the LSC hooks are also known to part of certain Breeze Hoist installations. After reviewing all the available information, EASA supports and endorses the recommended actions contained in the referenced advisory document. This SIB is published to ensure that all owners and operators of affected helicopters are aware of these recommendations and take action accordingly.

The AD is likely to be amended as more helicopters equipped with the LSC D-Lok hook are identified. The change in manufacturing process of the hook that led to this condition is also under review.

Applicability: All helicopters, if equipped with Lifesaving Systems Corporation P/N 410-A or P/N 410-F D-Lok Hooks, identified as part of Lot number 208 or 1108.

Please note that, similar to the Goodrich P/N quoted above, some of these hooks may have been assigned a different P/N by the Hoist Assembly manufacturer.

Contact:

For further information contact the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA.
E-mail: ADs@easa.europa.eu.

Copies of the referenced advisory document and any other related information may be obtained upon request from:

Goodrich Corporation, Sensors and Integrated Systems, 1550 S. Valley Vista Drive, Diamond Bar, California 91765, United States of America, Telephone: + 1 909 569 0210,
Facsimile: + 1 909 569 0387

or from:

Goodrich Corporation, Sensors and Integrated Systems, Saint Ouen l'Aumone, France, Telephone +33 (0) 1 34 32 67 81,
Facsimile +33 (0) 34 32 63 23

or from:

Lifesaving Systems Corporation, 220 Elsberry Road, Apollo Beach, Florida 33572, United States of America,
Telephone +1 813-645-2748, Facsimile +1 813-645-2768,
www.lifesavingsystems.com