



**SAIB:** SW-19-06  
**Date:** May 2, 2019

**SUBJ:** Cargo Compartments

*This is information only. Recommendations aren't mandatory.*

**Introduction**

This Special Airworthiness Information Bulletin (SAIB) informs registered owners and operators of an airworthiness concern for all helicopters that have certain configured **Goodrich Rescue Hoists** (hoist) installed. The affected hoist configurations are listed below. Specifically, this SAIB provides inspection procedures to ensure the carrier retainer spring is fully engaged.

At this time, the airworthiness concern is not an unsafe condition that would warrant airworthiness directive (AD) action under Title 14 of the Code of Federal Regulations (14 CFR) part 39; however, in addition to the recommendations included in this SAIB, we are requesting that owners and operators report any findings of an incorrect rescue hoist assembly to us as we continue to monitor this safety concern. Based on the information we receive, we may or may not require corrective actions that may not be the same actions as recommended in this SAIB.

**Background**

The European Aviation Safety Agency (EASA) issued AD 2018-0173-E, dated August 10, 2018. The EASA AD advised that a hoist had an incorrectly assembled retaining spring at the carrier assembly level on Airbus Models AS 332, EC 225, AS 365, and EC175 helicopters. The carrier assembly holes were not aligned and the carrier retainer was not safely engaged. EASA determined that this condition could lead to loosening of the carrier assembly, possibly resulting in loss of load and consequent injury to persons on the hoist and on the ground. Later, EASA determined that the affected hoist configurations might also be installed on Airbus Model EC135, EC635, and BK117 helicopters and issued AD 2018-0210-E dated September 25, 2018 and EASA AD 2018-0225-E dated October 18, 2018. The EASA ADs require inspecting the hook mount assembly and replacing it if there is any defect. Although the EASA ADs only apply to Airbus Helicopters, this SAIB recommends actions for all helicopters with the affected hoist installed.

Goodrich released three Service Information Letters (SIL): SIL-2018-03 Revision 1 dated April 3, 2018 (SIL-2018-03); SIL-2018-04 Revision 1 dated April 27, 2018 (SIL-2018-04); and SIL-2018-06 Revision 1 dated September 24, 2018 (SIL-2018-06). The SILs specify inspecting to ensure that the carrier retainer and lock springs are fully engaged. Below is a list of affected hoist configurations:

42315-17	42325-14-3	44301-10-11	44311-10-11	44311-10-7	44315-10-1
42315-18	42325-14-4	44301-10-12	44311-10-12	44311-10-8	44316-10-101
42315-19	42325-14-5	44301-10-13	44311-10-13	44311-10-9	44316-10-104
42325-10	42325-15	44301-10-14	44311-10-14	44311-12-1	44316-12-101
42325-12-0	42325-16-1	44301-10-2	44311-10-15	44312-10	44316-12-102
42325-12-1	42325-16-2	44301-10-5	44311-10-16	44314-10-101	44316-12-104
42325-12-2	42325-16-3	44301-10-6	44311-10-17	44314-10-102	44316-12-105
42325-12-3	42325-16-4	44301-10-7	44311-10-18	44314-10-103	44318-10-101

42325-12-4	42325-16-5	44301-10-8	44311-10-2	44314-10-104	44318-11-101
42325-12-5	42325-16-6	44301-10-9	44311-10-3	44314-11-101	44318-11-102
42325-14-0	42325-16-7	44308-11	44311-10-4	44314-11-102	44318-11-103
42325-14-1	42325-18-1	44311-10-1	44311-10-5	44314-11-103	44318-11-104
42325-14-2	44301-10-10	44311-10-10	44311-10-6	44314-11-104	44318-11-106

## **Recommendations**

The FAA recommends that owners and operators with the affected hoist configurations installed perform the inspections listed in the SIL applicable to your hoist configuration before the next hoist operation. If the hoist carrier assembly is incorrectly installed, we recommend replacing the hoist carrier assembly before the next hoist operation per the applicable Component Maintenance Manual. The FAA also requests that owners and operators report any findings of an incorrect rescue hoist assembly to the FAA point of contact listed below. Under the provisions of the Paperwork Reduction Act (44 U.S.C. 3501 et seq.), the OMB has approved the information collection contained in this SAIB, and assigned OMB Control Number 2120-0731.

### **For Further Information Contact and to Report Inspection Findings Contact**

Bang Nguyen, Aerospace Engineer, AIR-682, Aircraft Certification Office, 10101 Hillwood Pkwy, Fort Worth, TX 76177; phone: (817) 222-4973; email: [Bang.Nguyen@faa.gov](mailto:Bang.Nguyen@faa.gov).

George Harrum, Aerospace Engineer, AIR-681, Rotorcraft Standards Branch, 10101 Hillwood Pkwy, Fort Worth, TX 76177; phone: (817) 222-4087; email: [George.Harrum@faa.gov](mailto:George.Harrum@faa.gov).

### **For Related Service Information**

Goodrich Sensors and Integrated Systems, 2727 E. Imperial Highway, Brea, CA 92821.