



SERVICE INFORMATION LETTER

Equipment/Furnishings - Rescue Hoist - Overload Clutch TBO

TO: HOLDERS OF SERVICE INFORMATION LETTER SIL-2019-05 REVISION 2, DATED FEB 05/21.

REVISION NO. 3, DATED SEP 24/21

HIGHLIGHTS

Pages which have been revised are outlined below together with the highlights of the revision. Please destroy obsolete pages in your copy of this SIL and replace them with Revision No. 2 pages dated Sep 24/21.

PAGE NO.	DESCRIPTION OF CHANGE	EFFECTIVITY
All	Updated to Reflect New Revision Number and Date	All
4, 5	Updated Table 1 - Rescue Hoist TBO Requirements	All



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Warning - This information contains technical data subject to EAR ECCN: EAR99



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1. Description

This Service Information Letter (SIL) gives guidance to Hoist Operators and maintenance facilities on the various time between overhaul (TBO) reductions applied against Goodrich Rescue Hoists.

2. Application

This Service Information Letter is applicable to the Goodrich Rescue Hoists listed in [Table 1](#).

3. Background

Various regulatory agencies and type certificate holders have published Airworthiness Directives or Service Bulletins against Goodrich Rescue Hoists to reduce the published TBO. These reductions in Rescue Hoist TBO specifically require that the internal overload clutch assembly be replaced or overhauled on a reduced maintenance schedule.

NOTE: TBO starts from the date of manufacture or from the time indicated on the hour meter after manufacture, whichever occurs first.

4. Discussion

Goodrich Corporation understands that there is significant variability in the Rescue Hoist TBO depending on the Rescue Hoist Part Number, Aircraft Platform, Governing Regulatory Agency, and Country of Operation. Goodrich Corporation has elected to publish this SIL in an effort to assist our customers and maintenance facilities in navigating these various regulatory requirements. Overload Clutch Time Since Manufacture (TSM) begins at the time the Rescue Hoist is manufactured/overhauled.

NOTE: The reduced Overload Clutch TBO does not affect the Rescue Hoist TBO of 10 years / 111 hours / 3330 cycles. When a Rescue Hoist is returned for overhaul, it is important that operators and maintenance facilities inform Goodrich on the overhaul to accomplish (e.g. Overload Clutch replacement/overhaul or Rescue Hoist overhaul). Refer to SIL-2018-01 and return the completed form with the Rescue Hoist to inform Goodrich of what overhaul is required.

NOTE: This SIL is for reference only and the applicable governing publications must be referenced to obtain the latest information. Note that the applicable type certification holder's Aircraft Flight Manual (AFM) must take precedence over the information provided in this SIL.

NOTE: Category 1 Brea Hoist Products, referred to in this SIL, are designed for a TBO of 10 Years /3330 cycles /111 hours, whichever occurs first, across the product families. Information in regards to reductions of these intervals are regulatory driven by the associated Airworthiness Authority via the Type Certificate Holder.

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Table 1. Rescue Hoist TBO Requirements (For Reference)

RESCUE HOIST PART NUMBER	AIRCRAFT TYPE (FOR REFERENCE)	PRIMARY TC HOLDER	PRIMARY REGULATORY AGENCY	GOVERNING PUBLICATION	OVERLOAD CLUTCH TBO
42325-10	B-412	None	Japan Civil Aviation Bureau (JCAB)	None	*10 years/3330 cycles/111 hours
42325-12-0	B-412	Bell AAI	Federal Aviation Administration (FAA)	Bell ICA AA-02015	*60 months/55 hours/1666 cycles
42325-12-1	S-76	Sikorsky Aircraft	Federal Aviation Administration (FAA)	Goodrich CMM 25-00-01-1	*10 years/3330 cycles/111 hours
42325-12-2	B-412	Bristow FBH	European Union Aviation Safety Agency (EASA)	EASA AD 2015-0226R5	24 months/1200 cycles/1600 lifts
42325-12-3	B-412	Bell AAI	Federal Aviation Administration (FAA)	Bell ICA AA-02015	*60 months/55 hours/1666 cycles
42325-12-4	S-76	Sikorsky Aircraft	Federal Aviation Administration (FAA)	Goodrich CMM 25-00-01-1	*10 years/3330 cycles/111 hours
42325-12-5	B-430	Bell Canada	Transport Canada Civil Aviation (TCCA)	CF-2017-23	*60 months/55 hours/1666 cycles
42325-14-0	B-412	Bell AAI	Federal Aviation Administration (FAA)	Bell ICA AA-02015	*60 months/55 hours/1666 cycles
42325-14-0	BK117	Kawasaki	Japan Civil Aviation Bureau (JCAB)	TCD-8201C-2016	24 months/1200 cycles/1600 lifts
42325-14-1	BK117	Kawasaki	Japan Civil Aviation Bureau (JCAB)	TCD-8201C-2016	24 months/1200 cycles/1600 lifts
42325-14-1	S-76	Sikorsky Aircraft	Federal Aviation Administration (FAA)	Goodrich CMM 25-00-18-1	*10 years/3330 cycles/111 hours
42325-14-2	Lynx	Leonardo Helicopters	Military	None - contact Leonardo Helicopters	40 months/2600 lifts
42325-14-3	Lynx	Leonardo Helicopters	Military	None - contact Leonardo Helicopters	40 months/2600 lifts
42325-14-4	Lynx	Leonardo Helicopters	Military	None - contact Leonardo Helicopters	40 months/2600 lifts
42325-14-5	Lynx	Leonardo Helicopters	Military	None - contact Leonardo Helicopters	40 months/2600 lifts

NOTE: *If operating within the European Union or Chinese airspace, then TBO is restricted to 24 months/1200 cycles/1600 lifts.

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RESCUE HOIST PART NUMBER	AIRCRAFT TYPE (FOR REFERENCE)	PRIMARY TC HOLDER	PRIMARY REGULATORY AGENCY	GOVERNING PUBLICATION	OVERLOAD CLUTCH TBO
42325-16-1	S-61	Bristow	European Union Aviation Safety Agency (EASA)	EASA AD 2015-0226R5	24 months/1200 cycles/1600 lifts
42325-16-2	S-61	CHC	European Union Aviation Safety Agency (EASA)	EASA AD 2015-0226R5	24 months/1200 cycles/1600 lifts
42325-16-3	S-61	Raytheon	Military	Goodrich CMM 25-00-17-1	*10 years/3330 cycles/111 hours
42325-16-4	AS332	Airbus France	European Union Aviation Safety Agency (EASA)	Airbus ASB No. AS332-25.03.19 Rev 4	40 months/2000 cycles
42325-16-4	EC-225	Airbus France	European Union Aviation Safety Agency (EASA)	Airbus ASB No. EC225-25A187 Rev 4	40 months/2000 cycles
42325-16-4	EC-725	Airbus France	European Union Aviation Safety Agency (EASA)	Airbus ASB No. EC725-25A081 Rev 4	40 months/2000 cycles
42325-16-5	AS365N3	Airbus France	European Union Aviation Safety Agency (EASA)	Airbus ASB No. AS365-25.01.65 Rev 4	40 months/2000 cycles
42325-16-5	AS565MB/MBe	Airbus France	European Union Aviation Safety Agency (EASA)	Airbus ASB No. AS565-25.00.71 Rev 4	40 months/2000 cycles
42325-16-6	AS365N3	Airbus France	European Union Aviation Safety Agency (EASA)	Airbus ASB No. AS365-25.01.65 Rev 4	40 months/2000 cycles
42325-16-6	AS565MB/MBe	Airbus France	European Union Aviation Safety Agency (EASA)	Airbus ASB No. AS565-25.00.71 Rev 4	40 months/2000 cycles
42325-16-6	EC-175	Airbus France	European Union Aviation Safety Agency (EASA)	Airbus MSM ALS 04-20-00 Rev 017 dated 2020.06.17	40 months/2000 cycles
42325-16-7	AS365	WAP	Civil Aviation Safety Authority (CASA, Australia)	Goodrich CMM 25-00-17-1	*10 years/3330 cycles/111 hours
42325-18-1	S-76	Sikorsky Aircraft	Federal Aviation Administration (FAA)	Goodrich CMM 25-00-35-1	*10 years/3330 cycles/111 hours
42325-19-106	EC-175	Airbus France	European Union Aviation Safety Agency (EASA)	Airbus MSM ALS 04-20-00 Rev 017 dated 2020.06.17	40 months/2000 cycles

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RESCUE HOIST PART NUMBER	AIRCRAFT TYPE (FOR REFERENCE)	PRIMARY TC HOLDER	PRIMARY REGULATORY AGENCY	GOVERNING PUBLICATION	OVERLOAD CLUTCH TBO
44301-10-2	EC135	Airbus GmbH	European Union Aviation Safety Agency (EASA)	Airbus ALS 04-20-00 Rev 002 dated 2021.04.06	40 months/2000 cycles
44301-10-4	BK117	Airbus GmbH	European Union Aviation Safety Agency (EASA)	EASA AD 2015-0226R5	24 months/1200 cycles/1600 lifts
44301-10-4	BK117	Airbus GmbH	Direction Generale de L'Armement (for French MOD)	DGA-2019-027	5 years/3300 cycles
44301-10-4	BK117	Kawasaki	Japan Civil Aviation Bureau (JCAB)	TCD-8201C-2016	24 months/1200 cycles/1600 lifts
44301-10-5	EC135	Airbus GmbH	European Union Aviation Safety Agency (EASA)	Airbus ALS 04-20-00 Rev 002 dated 2021.04.06	40 months/2000 cycles
44301-10-6	EC135	Airbus GmbH	European Union Aviation Safety Agency (EASA)	Airbus ALS 04-20-00 Rev 002 dated 2021.04.06	40 months/2000 cycles
44301-10-6	EC135	Airbus GmbH	Direction Generale de L'Armement (for French MOD)	DGA-2019-027	5 years/3300 cycles
44301-10-7	BK117 C-2	Airbus GmbH	European Union Aviation Safety Agency (EASA)	EASA AD 2015-0226R5	24 months/1200 cycles/1600 lifts
44301-10-7	BK117 D-2	Airbus GmbH	European Union Aviation Safety Agency (EASA)	Airbus MBB-BK117 D-2 ALS Section 04-20-00 Rev 003 dated 2020.09.25	40 months/2000 cycles
44301-10-7	BK117	Airbus GmbH	Direction Generale de L'Armement (for French MOD)	DGA-2019-027	5 years/3300 cycles
44301-10-7	BK117	Kawasaki	Japan Civil Aviation Bureau (JCAB)	TCD-8201C-2016	24 months/1200 cycles/1600 lifts
44301-10-8	AS350	Goodrich Corporation	Federal Aviation Administration (FAA)	Goodrich CMM 25-00-32-1	*10 years/3330 cycles/111 hours
44301-10-9	Z8 & Z9	Harbin/Changhe	Civil Aviation Administration of China (CAAC)	CAD2019-MULT-33	24 months/1200 cycles/1600 lifts

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44301-10-10	EC135	Airbus GmbH	European Union Aviation Safety Agency (EASA)	Airbus ALS 04-20-00 Rev 002 dated 2021.04.06	40 months/2000 cycles
44301-10-11	EC135	Airbus GmbH	European Union Aviation Safety Agency (EASA)	Airbus ALS 04-20-00 Rev 002 dated 2021.04.06	40 months/2000 cycles
44301-10-12	EC135	Airbus GmbH	European Union Aviation Safety Agency (EASA)	Airbus ALS 04-20-00 Rev 002 dated 2021.04.06	40 months/2000 cycles
44301-10-13	EC135	Airbus GmbH	European Union Aviation Safety Agency (EASA)	Airbus ALS 04-20-00 Rev 002 dated 2021.04.06	40 months/2000 cycles
44301-10-14	Ansats	Kazan	Russian Federation Civil Aviation Administration (RFCAA)	Goodrich CMM 25-00-49-1	*10 years/3330 cycles/111 hours
44301-12-110	EC135	Airbus GmbH	European Union Aviation Safety Agency (EASA)	Airbus ALS 04-20-00 Rev 002 dated 2021.04.06	40 months/2000 cycles
44301-12-111	EC135	Airbus GmbH	European Union Aviation Safety Agency (EASA)	Airbus ALS 04-20-00 Rev 002 dated 2021.04.06	40 months/2000 cycles
44301-12-112	BK117 C-2	Airbus GmbH	European Union Aviation Safety Agency (EASA)	Goodrich CMM 25-00-50-1	24 months/1200 cycles
44301-12-112	EC135	Airbus GmbH	European Union Aviation Safety Agency (EASA)	Airbus ALS 04-20-00 Rev 002 dated 2021.04.06	40 months/2000 cycles
44301-12-112	BK117 D-2	Airbus GmbH	European Union Aviation Safety Agency (EASA)	Airbus MBB-BK117 D-2 ALS Section 04-20-00 Rev 003 dated 2020.09.25	40 months/2000 cycles
44301-12-113	BK117 C-2	Airbus GmbH	European Union Aviation Safety Agency (EASA)	Goodrich CMM 25-00-50-1	24 months/1200 cycles
44301-12-113	EC135	Airbus GmbH	European Union Aviation Safety Agency (EASA)	Airbus ALS 04-20-00 Rev 002 dated 2021.04.06	40 months/2000 cycles

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44301-12-113	BK117 D-2	Airbus GmbH	European Union Aviation Safety Agency (EASA)	Airbus MBB-BK117 D-2 ALS Section 04-20-00 Rev 003 dated 2020.09.25	40 months/2000 cycles
44308-11	AS330	Chilean Navy	Military	Goodrich CMM 25-00-27-1	*10 years/3330 cycles/111 hours
44311-10-1 (44311-10-13)	S-92	Sikorsky Aircraft	Federal Aviation Administration (FAA)	Goodrich CMM 25-00-19-1	*10 years/3330 cycles/111 hours
44311-10-2 (44311-10-14)	S-92	Sikorsky Aircraft	Federal Aviation Administration (FAA)	Goodrich CMM 25-00-19-1	*10 years/3330 cycles/111 hours
44311-10-2	S-61	Carson Helicopters	Federal Aviation Administration (FAA)	Goodrich CMM 25-00-19-1	*10 years/3330 cycles/111 hours
44311-10-4	CH-47	RAA	Military	Goodrich CMM 25-00-19-1	*10 years/3330 cycles/111 hours
44311-10-6 (44311-10-16, 44311-10-19)	H-92	Sikorsky Aircraft	Military	Goodrich CMM 25-00-19-1	*10 years/3330 cycles/111 hours
44311-10-7	S-61	None	Military	Goodrich CMM 25-00-19-1	*10 years/3330 cycles/111 hours
44311-10-8 (44311-10-15)	S-92	Sikorsky Aircraft	Federal Aviation Administration (FAA)	Goodrich CMM 25-00-19-1	*10 years/3330 cycles/111 hours
44311-10-9	CH-47	RAA	Military	Goodrich CMM 25-00-19-1	*10 years/3330 cycles/111 hours
44311-10-10 (44311-10-17)	S-92	Sikorsky Aircraft	Federal Aviation Administration (FAA)	Goodrich CMM 25-00-19-1	*10 years/3330 cycles/111 hours
44311-10-11 (44311-10-18)	S-92	Sikorsky Aircraft	Federal Aviation Administration (FAA)	Goodrich CMM 25-00-19-1	*10 years/3330 cycles/111 hours
44311-10-12	KA-32	KAMOV	Russian Federation Civil Aviation Administration (RFCAA)	Goodrich CMM 25-00-19-1	*10 years/3330 cycles/111 hours
44315-10-1	NH-90	Airbus GmbH	European Union Aviation Safety Agency (EASA)	EASA AD 2015-0226R5	24 months/1200 cycles/1600 lifts
44316-10-101	AW139 "Short Nose"	Leonardo Helicopters	European Union Aviation Safety Agency (EASA)	EASA AD 2015-0226R5	40 months/2600 lifts

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44316-10-104	AB139	Leonardo Helicopters	European Union Aviation Safety Agency (EASA)	EASA AD 2015-0226R5	40 months/2600 lifts
44316-10-104	AW169	Leonardo Helicopters	European Union Aviation Safety Agency (EASA)	Leonardo 69-A-AMPI-00-P	40 months/2600 lifts
44316-10-104	AW189 (Single)	Leonardo Helicopters	European Union Aviation Safety Agency (EASA)	Leonardo 89-A-AMPI-00-P	40 months/2600 lifts
44316-12-101	AW139 "Long Nose"	Leonardo Helicopters	European Union Aviation Safety Agency (EASA)	EASA AD 2015-0226R5	40 months/2600 lifts
44316-12-102	B-429	Bell	Transport Canada Civil Aviation (TCCA)	CF-2017-23	*60 months/55 hours
44316-12-104	AW109SP	Leonardo Helicopters	European Union Aviation Safety Agency (EASA)	EASA AD 2015-0226R5	40 months/2600 lifts
44316-12-104	AW139 "Long Nose"	Leonardo Helicopters	European Union Aviation Safety Agency (EASA)	EASA AD 2015-0226R5	40 months/2600 lifts
44316-12-105	AW159	Leonardo Helicopters	European Union Aviation Safety Agency (EASA)	EASA AD 2015-0226R5	24 months/1200 cycles/1600 lifts
44318-11-101	EC-225	Airbus France	European Union Aviation Safety Agency (EASA)	Goodrich CMM 25-00-41-1	40 months/2000 cycles
44318-11-102	UH-60J	MHI	Military	None	*10 years/3330 cycles/111 hours
44318-11-103	EC-225	Airbus France	European Union Aviation Safety Agency (EASA)	Goodrich CMM 25-00-41-1	40 months/2000 cycles
44318-11-104	AW189 (Dual)	Leonardo Helicopters	European Union Aviation Safety Agency (EASA)	Leonardo 89-A-AMPI-00-P	40 months/2600 lifts
44318-11-106	Surion	Korean Aerospace Industries	Military	Goodrich CMM 25-00-48-1	*10 years/3330 cycles/111 hours
44318-16-103	EC-225	Airbus France	European Union Aviation Safety Agency (EASA)	Goodrich CMM 25-00-41-1	40 months/2000 cycles

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5. Abbreviations

ABBREVIATION

DEFINITION

AD	Airworthiness Directive
AFM	Aircraft Flight Manual
ALS	Airworthiness Limitations Section
AMPI	Air vehicle Maintenance Planning Information
CAAC	Civil Aviation Administration of China
CASA	Civil Aviation Safety Authority (Australia)
CMM	Component Maintenance Manual
EASA	European Union Aviation Safety Agency
FAA	Federal Aviation Administration
ICA	Instructions for Continued Airworthiness
JCAB	Japan Civil Aviation Bureau
MOD	Ministry of Defense (France)
MSM	Master Servicing Manual
RFCAA	Russian Federation Civil Aviation Administration
SIL	Service Information Letter
TBO	Time Between Overhaul
TCCA	Transport Canada Civil Aviation