



INSTRUCTIONS FOR CONTINUED AIRWORTHINESS ICA-0319-001

Yoke Assembly Repair

Section 1.0 – Log of Revisions

1.1 – Document Revision

Revision	B	Dated	July 30, 2020
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1.2 – Page Revisions

Page Number	Revision	
1	N/C	
1	N/C - Admin Change	June 16, 2015
	Change updates Able Engineering and Component Services Inc. Address, in Section 2.1 (To current address).	
1	A – Revision	November 3, 2017
	Revision adds third oversize condition to the roller bearing, updates bearing part number, Main Rotor Hub Assembly Applicability, and updates company name.	
2	B – Revision	July 30, 2020
	Revision adds missing sections 3.2 and 4.0 to ICA document.	

Section 2.0 – Distribution of the Original ICA and Revisions

2.1 – Distributing ICA

This document will be distributed with each repaired yoke assembly. Revisions will be distributed by mail within thirty (30) business days of approval. Confirmation of receipt must be provided by the customer to ensure proper warranty/liability with AAS. All requests should be forwarded to Able Aerospace Services 7706 East Velocity Way, Mesa, AZ 85212.

Section 3.0 – General Information

3.1 – Parts Affected

Main Rotor Hub Assembly

Part Number: 206-011-100-103/-105/-107/-127/-129/-137/-139/-145/-147/-149/-151/-157/-159

Yoke Assembly

Part Number: 206-011-149-105

(Repaired by Able Engineering EO-0319-015, Revision D, Dated July 24, 2017)

Bearing, Roller

Part Number: HLD-3174-000-OS1/-OS2/-OS3



3.2 – Overhaul/Maintenance Affected

The repair of the Yoke Assembly journals allows for three different sizes. To accommodate for these three different sizes, matching bearings are provided by AAS. These bearings are labeled. The repaired Yoke Assembly is also labeled.

CAUTION: The repaired Yoke Assembly and Bearings are a matched set. The bearings are not interchangeable.

The Main Rotor Hub Assembly, including the Yoke Assembly and Bearings shall be maintained in accordance with the Original Equipment Manufacturer (OEM) instructions with exception to the Yoke Assembly journal limits. The limits for each of the three different undersize journal diameter conditions have been provided below.

	MINIMUM		MAXIMUM	
	inch	(mm)	inch	(mm)
Yoke – Bearing Journals (OS1)	3.4895	(88.633)	3.4900	(88.646)
Yoke – Bearing Journals (OS2)	3.4845	(88.506)	3.4850	(88.519)
Yoke – Bearing Journals (OS3)	3.4795	(88.379)	3.4800	(88.392)

Section 4.0 – Airworthiness Limitations

Yoke Assembly part number 206-011-149-105 is an ‘On Condition’ component. This life-limitation will remain in effect as stated within the Maintenance Manuals of model 206B, L, L1, L3, and L4 rotorcraft. No additional airworthiness limitations will apply.