

Engineering Order

EO Number: EO-139-472

Date: May 9, 2017 Reference: Service Bulletin (SB) No. 139-472

1. Introduction

This Engineering Order (EO) describes the required actions to address a potential issue related to the main rotor (MR) slip ring of all AW139 helicopters. It is based on Leonardo S.p.A.'s SB N°139-472 dated May 9, 2017. This EO mandates a one-time visual inspection of the MR slip ring to ensure the correct lockwire or appropriate fastener locking has been implemented.

2. Compliance

This EO is mandatory for all AW139 helicopters equipped with MR slip rings (P/N 4G6220V00151 up to S/N 0141) that haven't been marked with "SB 16-01" on the logcard or a "L" after the S/N on the component identification label. Compliance must occur within fifty (50) flight hours of receipt of this EO or at the first MR slip ring removal, whichever comes first.

3. Accomplishment Instructions

- Prepare the helicopter for maintenance as per DM 39-A-00-20-00-00A-120A-A - Put the platform (GG-01-00) or an approved alternative adjacent to the left side of the fuselage - Remove the MR slip ring as per DM n° 39-B-62-21-04-00A-520A-A - Perform a visual inspection on the MR slip ring upper end and lower end according to Moog Service Bulletin 16-01 documented in the annex A - Follow procedures for dealing with missing screws or improper lockwire as per Moog Service Bulletin 16-01 - Install MR slip ring and return helicopter to flight configuration - Record compliance with this EO by making an entry on the component logcard marking "SB 16-01" and emailing the attached compliance form to cse.aw139.aw@leonardocompany.com

4. Manpower

The estimated time to execute this EO is 30 man-hours, based on hands-on time and can change with personnel and facilities available.

5. Reference Documents:

- The EO utilises Leonardo documentation and MOOG Service bulletin SB 16-01 as reference material. - Relevant Data Modules: DM 39-A-00-20-00-00A-120A-A, DM n° 39-B-62-21-04-00A-520A-A, DM n° 39-B-62-21-04-00A-720A-A.

Approval:

This EO is produced and released under the authority of the Engineering Department. It is the operator's responsibility to comply with the EO. For any further clarifications, please contact the undersigned.

(Signature)

[Name] [Job Title] [Contact Information]