AIROD — DISCREPANCY REPORT

AIRCRAFT TYPE : A109E	REG. NO : 9M-BOB	DR. NO : 1943/BOB
SOURCE REFERENCE : SB109EP-163 DTD 11.9.18 AND AD2018-0205 DTD 14.9.18		
DATE RAISED : 20.9.18	CHECK TYPE :	WORK ORDER (JCN) : LB2018 BOB

DISCREPANCY :

A/F HRS	3226.10	NO. 1 ENG	3226.10	(TSN/~~TSO~~)	NO. 2 ENG	2429.60	(TSN/~~TSO~~)

SB109EP-163 DTD 11.9.18 (AD2018-0205 DTD 14.9.18) ATA 62 - MAIN ROTOR FLOATING RING ASSY P/N 109-0111-09-101, REPLACEMENT OF. (PART 1) DUE @ 3241.90 AF HRS. REFER E1109-0007/BOB.

RAISED BY : AMRAN SHAH MASNON SIGN & STAMP : AIROD SDN BHD CAM Manager CAMO DATE : 20.9.18

DISPOSITION :

TO CARRY OUT SB109EP-163 DTD. 11.9.18 (AD2018-0205 DTD 14.9.18) MAIN ROTOR FLOATING RING INSP. COMPLIANCE DUE.

SIGN : STAMP : QAP 949 ASB DATE : 21/09/18

MHP :	MHA :	CUST. APP SIGNATURE :	MATERIAL COST :

CORRECTIVE ACTION :

SB109EP-163/DTD 11/9/18 (AD2018-0205/ DTD 14.9.18) - ATA 62 - MAIN ROTOR FLOATING RING ASSY P/N 109-0111-09-101 (PT 1) C/OUT AND COMPLIED TO PT 1 ONLY. FOUND SATISFACTORY / P450 S/N FOUND AND PT 2 OF SB N/A DUE TO S/NO FITTED.

MECH : A/C 1011 ASB

LAE / AH & DATE : QAP 949 ASB 21/09/18

COMPONENT / PART CHANGE :

PART NO :	DESCRIPTION :	S/N. ON :	S/N. OFF :	QTY :	BATCH NO :
		NIL			

DUPLICATE / RII / CRITICAL TASK

N/A — First Insp. Sign / Stamp / Date

N/A — Second Insp. Sign / Stamp / Date

The work recorded above has been carried out in accordance with the requirements of the Malaysian Civil Aviation Regulations for the time being in force and in that respect the aircraft/equipment is considered fit for release to service.

AIROD CAMO APP. NO:CAMO/2017/01	AD/SB ENGINEERING INSTRUCTIONS	
	EI No: EI109-0007/BOB	DR. NO: 1943/BOB
	DOCUMENT NO: SB109EP-163	
	REVISION: -	DATE: September 11, 2018

TITLE: ATA 62 - MAIN ROTOR FLOATING RING ASSY P/N 109-0111-09-101, REPLACEMENT OF.

☐ AW139	Reg. No : S/No :	☑ A109E	Reg. No : 9M-BOB S/No : 11212
PREPARED & CHECKED BY:		APPROVED BY:	
NAME: P.SUKUMAR		NAME: AMRAN SHAH MASNON	
TECHNICAL SERVICES ENGINEER		CAMO MANAGER	

ACCOMPLISHMENT INSTRUCTIONS	REMARK	MECH	AH	DATE
GENERAL NOTES a) Place an identification tag on all components that are re-usable, including the attaching hardware that has been removed to gain access to the modification area and adequately protect them until their later re-use. b) Replace the hardware found damaged during the following operation. c) All lengths are in mm.	SAT.	A/C 1011 ASB	QAP 949 ASB	
PART I 1. In accordance with Maintenance Publication Paragraph 00-20-1, prepare the helicopter on ground for a safe maintenance.	SAT	A/C 1011 ASB	QAP 949 ASB	20/09 2018
2. With reference to Figure 1 gain the access to the floating ring assy. P/N 109-0111-09-101.	SAT	A/C 1011 ASB	QAP 949 ASB	
NOTE To find the S/N of the floating ring assy. P/N 109-0111-09-101 could be necessary to slightly lift one blade and rotate the main rotor a little at a time (Ref step 3).	SAT	A/C 1011 ASB	QAP 949 ASB	

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ACCOMPLISHMENT INSTRUCTIONS	REMARK	MECH	AH	DATE
NOTE If necessary, remove the grease from the main rotor floating ring (Ref step 3).				
NOTE If it is too difficult to read the S/N with the main rotor floating ring P/N 109-0111-09-101 installed, in accordance with the instructions given in the Maintenance Publication Paragraph 62-21-50 (Ref step 3) remove the floating ring and if necessary clean its surface with a suitable cleaner.				
3. With reference to Figure 2 and 3, gain access to the main rotor floating ring P/N 109-0111-09-101 and by means of a suitable light source and an inspection mirror, inspect the upper circumference of the ring to verify its S/N. Record S/N: D450 MRH P/N: 109-0111-02-101 / S/N D157				20/09/2018
4. In case the Serial Number is not between those listed in the paragraph "EFFECTIVITY" proceed as described in step 6 and subsequent.				
5. In case the Serial Number is between those listed in the paragraph "EFFECTIVITY" proceeds as described in Part II (within the compliance time).				
6. Restore the Grease on the external surfaces of the main rotor floating ring.				
7. Return the helicopter to a ready to flight condition and record for compliance with Part I of this Service Bulletin on the helicopter logbook.				

The work recorded above has been carried out in accordance with the requirements of the CAR16 for the time being in force and in that respect, the aircraft/equipment is considered fit for release to service.

ACCOMPLISHMENT INSTRUCTIONS	REMARK	MECH	AH	DATE
8. Send the attached compliance form to the following mail box: aw109.mbx.aw@leonardocompany.com As an alternative, gain access to My Communications section on Leonardo WebPortal and compile the "Service Bulletin Application Communication".	S.T.!	A/C 1011 ASB	QAP 949 ASB	20/09 2018
PART II 1. In accordance with the instructions given in the Maintenance Publication Paragraph 62-21-12 remove the main rotor head.		–	QAP 949 ASB	
2. In accordance with the instructions given in the Maintenance Publication Paragraph 62-21-50 remove the main rotor floating ring P/N 109-0111-09-101.		–	QAP 949 ASB	
3. In accordance with the instructions given in the Maintenance Publication Paragraph 62-21-50 install a new main rotor floating ring P/N 109-0111-09-101, which Serial Number is not listed in the paragraph "EFFECTIVITY".	NOT APPLICABLE DUE TO S/NO FITTED	–	QAP 949 ASB	20/09 2018
4. In accordance with the instructions given in the Maintenance Publication Paragraph 62-21-12 install the main rotor head.		–	QAP 949 ASB	
5. Return the helicopter to a ready to flight condition and record for compliance with Part II of this Service Bulletin on the helicopter logbook.		–	QAP 949 ASB	
6. Send the attached compliance form to the following mail box: aw109.mbx.aw@leonardocompany.com As an alternative, gain access to My Communications section on Leonardo WebPortal and compile the "Service Bulletin Application Communication".		–	QAP 949 ASB	

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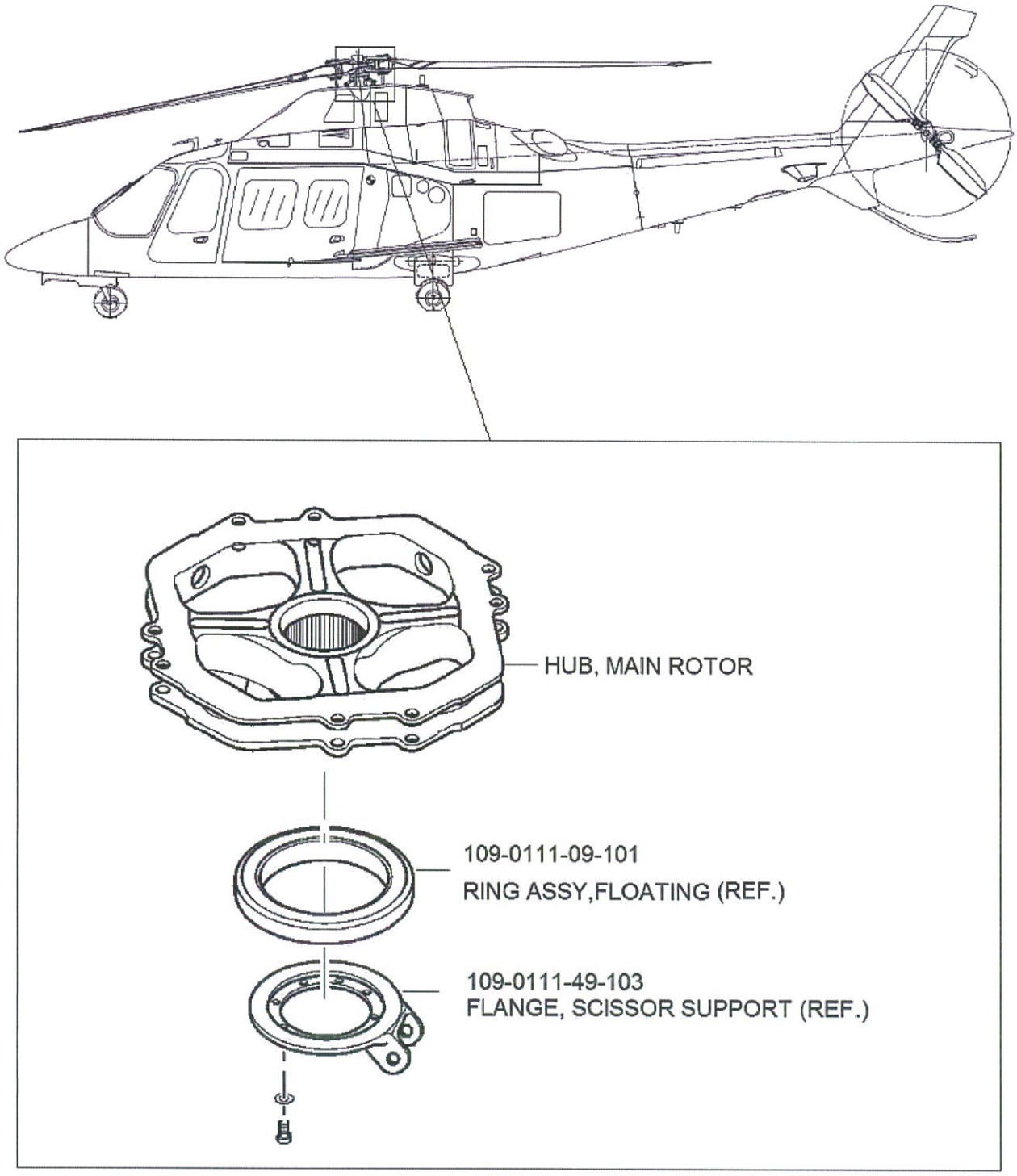
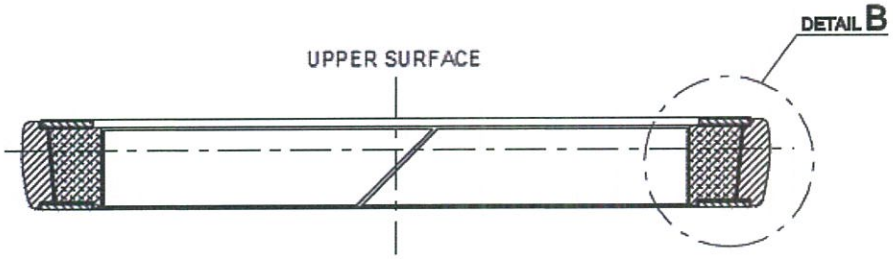


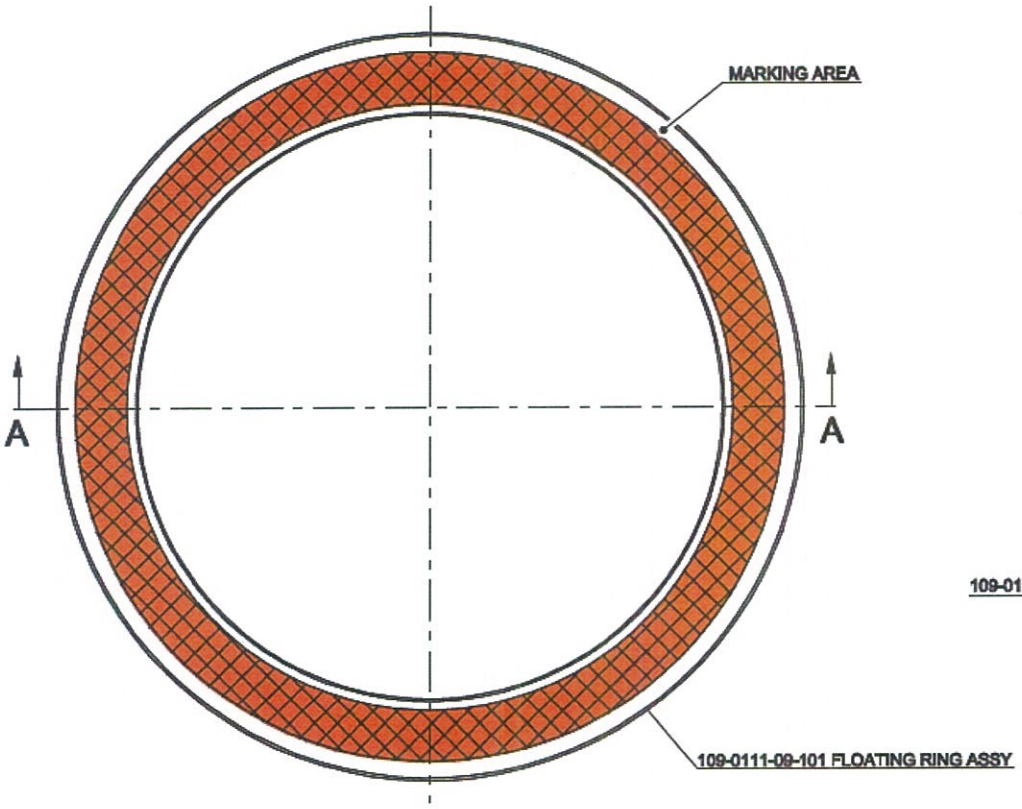
Work Area

FIGURE 1

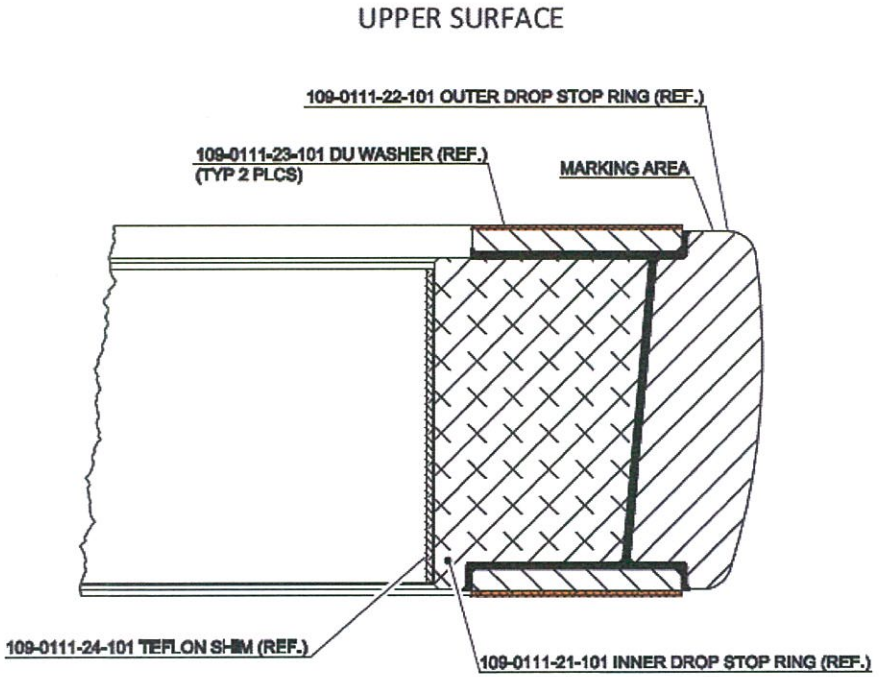
The work recorded above has been carried out in accordance with the requirements of the CAR16 for the time being in force and in that respect, the aircraft/equipment is considered fit for release to service.



SECTION A-A



109-0111-09-101
FLOATING RING ASSY



DETAIL B

Figure 2

Marking -Only ref. view-

Figure 3

GENERAL VERIFICATION			
AREA/SYSTEM	**INSPECTION**	**MECH**	**DATE**
ENSURE THAT THE AIRCRAFT OR COMPONENT IS CLEAR OF ALL TOOLS EQUIPMENT AND ANY EXTRANEOUS PARTS OR MATERIAL, AND THAT ALL ACCESS PANELS REMOVED HAVE BEEN REFITTED	AIRFRAME AREA	A/C 1011 ASB	25/09 2018
	ENGINE AREA	1011 ASB	
	AVIONICS	1011 ASB	

RECORD OF DISCREPANCY FOUND DURING ACCOMPLISHMENT (IF NONE ENTER NIL)

1. **ALL ENTRIES TO BE IN BOLD LETTERS**
2. **DISCREPANCY REPORT TO BE RAISED FOR PARTS AND MAN HOURS IF RECTIFICATION IS REQUIRED.**

INSTRUCTION REFERENCE		DISCREPANCY	AH ACTION			
PARA	PAGE		DR. NO.	AH	DATE	REMARKS

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LEONARDO
HELICOPTERS

AgustaWestland Products

Please send to the following address: **LEONARDO S.p.A.** **CUSTOMER SUPPORT & SERVICES - ITALY** **PRODUCT SUPPORT ENGINEERING & LICENSES DEPT.** Via Giovanni Agusta, 520 21017 Cascina Costa di Samarate (VA) - ITALY Tel.: +39 0331 225036 Fax: +39 0331 225988	**SERVICE BULLETIN COMPLIANCE FORM**	Date:
	Number:	
	Revision:	

Customer Name and Address:	Telephone:
	Fax:
	B.T. Compliance Date:

Helicopter Model	S/N	Total Number	Total Hours	T.S.O.

Remarks:

Information:

We request your cooperation in filling this form, in order to keep out statistical data relevant to aircraft configuration up-to-date. The form should be filled in all its parts and sent to the above address or you can communicate the application also via Technical Bulletin Application Communication Section placed in Leonardo AW Customer Portal - MyCommunications Area. We thank you beforehand for the information given.