ERRATA CORRIGE

Please find here attached the pages that have to be replaced in the basic Service Bulletin n°169-153

- **Page 5 of 5, Step 6**

1. **Was:** Send the attached compliance form to the following mail box:

   pse_aw189.mbx.aw@leonardocompany.com

   As an alternative, gain access to My Communications section on Leonardo WebPortal and compile the “Service Bulletin Application Communication”.

2. **Becomes:** Send the attached compliance form to the following mail box:

   pse_aw169.mbx.aw@leonardocompany.com

   As an alternative, gain access to My Communications section on Leonardo WebPortal and compile the “Service Bulletin Application Communication”.

Leonardo S.p.A.
Via Giovanni Agusta, 520
21017 Cascina Costa di Samarate (VA) Italy
Tel.: +39 0331 229111 - Fax: +39 0331 229605/222595

AgustaWestland Products

SERVICE BULLETIN

N° 169-153

DATE: February 4, 2020

REV. : /

TITLE

ATA 67 - TAIL ROTOR ACTUATOR IMPROVEMENT

REVISION LOG

New Issue

An appropriate entry should be made in the aircraft log book upon accomplishment.
If ownership of aircraft has changed, please, forward to new owner.

1. PLANNING INFORMATION

A. EFFECTIVITY

All AW169 helicopters equipped with Tail Rotor Actuator P/N 6F6730V00331.

B. COMPLIANCE

Within and not later than 9 months from receipt of this Service Bulletin.

C. CONCURRENT REQUIREMENTS

N.A.

D. REASON

This Service Bulletin is issued in order to provide the necessary instruction on how to perform the installation of the new Tail Rotor Actuator P/N 6F6730V00332 in lieu of P/N 6F6730V00331.

E. DESCRIPTION

Leonardo Helicopters Division has developed this Service Bulletin in order to require the installation of the new Tail Rotor Actuator P/N 6F6730V00332 in lieu of P/N 6F6730V00331 on AW169 helicopters.

The new Tail Rotor Actuator introduces a control rod and related lock nut on the back end side, with left-hand thread and a bronze washer between the lock nut and the trunnion.

F. APPROVAL

The technical content of this Service Bulletin is approved under the authority of DOA nr. EASA.21.J.005. For helicopters registered under other Aviation Authorities, before applying the Service Bulletin, applicable Aviation Authority approval must be checked within Leonardo Helicopters customer portal.

EASA states mandatory compliance with inspections, modifications or technical directives and related time of compliance by means of relevant Airworthiness Directives.

If an aircraft listed in the effectivity embodies a modification or repair not LHD certified and affecting the content of this Service Bulletin, it is responsibility of the Owner/Operator to obtain a formal approval by Aviation Authority having jurisdiction on the aircraft, for any adaptation necessary before incorporation of the present Service Bulletin.

G. MANPOWER

To comply with this Service Bulletin eight (8) MMH are deemed necessary.

MMH are based on hands-on time and can change with personnel and facilities available.

H. WEIGHT AND BALANCE

N.A.

I. REFERENCES

1) PUBLICATIONS

DATA MODULE		DESCRIPTION	PART
DM01	69-A-00-20-00-00A-120A-A	Helicopter on ground for a safe maintenance.	-
DM02	69-A-67-32-01-00A-520A-A	Tail rotor servoactuator - Remove procedure	-
DM03	69-A-67-32-01-00A-720A-A	Tail rotor servoactuator - Install procedure	-

2) ACRONYMS

AMP	Aircraft Maintenance Publication
DM	Data Module
IPD	Illustrated Part Data
TRA	Tail Rotor Actuator

3) ANNEX

N.A.

J. PUBLICATIONS AFFECTED

AW169 Aircraft Maintenance Publication (AMP)

AW169 Illustrated Part Data (IPD)

K. SOFTWARE ACCOMPLISHMENT SUMMARY

N.A.

2. MATERIAL INFORMATION

A. REQUIRED MATERIALS

1) PARTS

#	P/N	ALTERNATIVE P/N	DESCRIPTION	Q.TY	LVL	NOTE	LOG P/N
1	**6F6730A00312**		**TAIL ROTOR ACTUATOR INSTALLATION**	**REF**	**.**		
2	6F6730V00332		Tail rotor actuator	1	..		169-153L1
3	8G6730L00151		Gasket	1	..		169-153L1
4	MS21225-4		Nut	6	..		169-153L1
5	NAS1149E0432R		Washer	6	..		169-153L1
6	MS24665-90		Pin	6	..		169-153L1
7	AS3209-243		O-ring	1	..		169-153L1
8	NAS1149A0463J		Washer	6	..		169-153L1
9	EN2367-29020		Pin	1	.		169-153L1

2) CONSUMABLES

Refer also to AMDI for the consumable materials required to comply with the AMP DM referenced in the accomplishment instructions.

3) LOGISTIC MATRIX

In order to apply this Service Bulletin, the following Logistic P/N can be ordered in accordance with the applicable notes:

LOGISTIC P/N	Q.TY (PER HELO)	NOTE	PART
169-153L1	1	-	-

B. SPECIAL TOOLS

Refer also to ITEP for the special tools required to comply with the AMP DM referenced in the accomplishment instructions.

C. INDUSTRY SUPPORT INFORMATION

Owners/Operators who comply with the instructions of this Service Bulletin no later than the applicable date in the “Compliance” section will be eligible to receive necessary replacements on free of charge basis, except for Consumable Materials and Special Tools.

NOTE: Customers who fail to comply with the instructions in this Service Bulletin before the compliance date are not eligible for the aforementioned special policy.

Please Issue relevant MMIR form to your Warranty Administration Dpt.

NOTE: WRM will include RETURN MATERIAL AUTHORIZATION (RMA) number; the unit removed from the aircraft has to be returned to LHD as per instructions defined into LHD Information Letter GEN-15-047 and GEN-19-075.

3. ACCOMPLISHMENT INSTRUCTIONS

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) Exposed thread surface and nut must be protected using a layer of tectyl according to MIL-C-16173 grade I.

c) All lengths are in mm.

1. In accordance with DM 69-A-00-20-00-00A-120A-A, prepare the helicopter on ground for a safe maintenance. Disconnect the battery, all electrical power sources and/or the external power supply.
2. In accordance with AMP DM 69-A-67-32-01-00A-520A-A, remove Tail Rotor Actuator P/N 6F6730V00331.
3. Return the Tail Rotor Actuator P/N 6F6730V00331 to Leonardo Helicopters Customer Support, duly specifying the reason for removal on the applicable documentation. Please refer to your usual contact point in Leonardo Helicopters Material Services, in order to arrange the return of replaced items in LHD facility.
4. In accordance with AMP DM 69-A-67-32-01-00A-720A-A, install Tail Rotor Actuator P/N 6F6730V00332.
5. Return the helicopter to flight configuration and record for compliance with this Service Bulletin on the helicopter logbook.
6. Send the attached compliance form to the following mail box:

   pse_aw169.mbx.aw@leonardocompany.com

   As an alternative, gain access to My Communications section on Leonardo WebPortal and compile the “Service Bulletin Application Communication”.

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.