

## **ERRATA CORRIGE**

*Please find here attached the page that has to be replaced in the basic Service Bulletin n°189-298 Rev. /.*

- **PAGE 1 “header”**

**Was:**

ALERT

**Becomes:**

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**SERVICE BULLETIN**

**N° 189-298**

**DATE:** October 11, 2021

**REV. :** /

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**TITLE**

**ATA 26 – FIRE EXTINGUISHER REPLACEMENT**

**REVISION LOG**

First Issue

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

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## **1. PLANNING INFORMATION**

### **A. EFFECTIVITY**

All AW189 helicopters equipped with the fire extinguishers P/N P3APP003010A.

All the fire extinguishers P/N P3APP003010A kept in stock.

#### **NOTE**

Installation of the affected Fire Extinguisher P/N P3APP003010A is not allowed on helicopter compliant with this SB or already equipped with Fire Extinguisher P/N P3APP003010D.

### **B. COMPLIANCE**

Within and not later than four hundred (400) flight hours or six (6) months whichever occurs first after the issue of this Service Bulletin.

### **C. CONCURRENT REQUIREMENTS**

N.A.

### **D. REASON**

This Service Bulletin provides the necessary instruction on how to perform the replacement of the non-conforming fire extinguishers P/N P3APP003010A.

### **E. DESCRIPTION**

Supplier of the Fire Extinguishers P/N P3APP003010A reported non-conformities potentially affecting the operability of the Fire Extinguisher if exposed for long time to high temperature conditions.

This Service Bulletin is issued to replace the affected fire extinguishers P/N P3APP003010A with fire extinguisher P/N P3APP003010D.

### **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 half an hour (0.5) MMH for each portable fire extinguisher is 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

Following Data Modules refer to AMP:

<u>DATA MODULE</u>	<u>DESCRIPTION</u>	<u>PART</u>
DM01 89-A-00-20-00-00A-120A-A	Helicopter on ground for a safe maintenance	-

### 2) ACRONYMS

AMDI	Aircraft Material Data Information
AMP	Aircraft Maintenance Publication
DM	Data Module
DOA	Design Organization Approval
EASA	European Aviation Safety Agency
FH	Flight Hours
IPD	Illustrated Part Data
ITEP	Illustrated Tools and Equipment Publication
LHD	Leonardo Helicopters Division
MMH	Maintenance-Man-Hours
MMIR	Maintenance Malfunction Information Report
SB	Service Bulletin

### 3) ANNEX

N.A.

## **J. PUBLICATIONS AFFECTED**

AW189 IPD

## **K. SOFTWARE ACCOMPLISHMENT SUMMARY**

N.A.

## **2. MATERIAL INFORMATION**

### **A. REQUIRED MATERIALS**

#### **1) PARTS**

<b>#</b>	<b>P/N</b>	<b>ALTERNATIVE P/N</b>	<b>DESCRIPTION</b>	<b>Q.TY</b>	<b>LVL</b>	<b>NOTE</b>	<b>LOG P/N</b>
1	P3APP003010D		Fire extinguisher	AR	.	(1)	-

Refer also to IPD for the spares materials required to comply with the AMP DMs referenced in the accomplishment instructions.

#### **2) CONSUMABLES**

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

#### **3) LOGISTIC MATRIX**

N.A.

#### **NOTE**

(1) To be defined according to quantity of non-conforming fire extinguishers to be replaced.

### **B. SPECIAL TOOLS**

Refer 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.

Consumables, Special Tools, and materials required by AMP DM recalled in this SB are not included in the aforementioned policy.

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., accompanied by “SCRAP REPORT” (ref. Figure 1) and PICTURES of the affected component.

NOTE: the “SCRAP REPORT” and PICTURES are mandatory; in case the MMIR is not accompanied by these documents, it will be rejected.

### **3. ACCOMPLISHMENT INSTRUCTIONS**

#### **GENERAL NOTES**

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.

#### **NOTE**

The following steps 1 and 2 have not to be performed for fire extinguishers P/N P3APP003010A kept in stock.

1. In accordance with AMP DM 89-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 applicable DM of AMP Section 26-20, remove the affected fire extinguisher P/N P3APP003010A from its bracket.
3. Discard and locally scrap P/N P3APP003010A.
4. Send the “Scrap Report” (ref. Figure 1) to LHD in accordance with Paragraph 2.C. “Industry Support Information”.

#### **NOTE**

The following steps 5 and 6 have not to be performed for fire extinguishers kept in stock.

5. In accordance with applicable DM of AMP Section 26-20, install a conforming fire extinguisher P/N P3APP003010D.
6. Return the helicopter to flight configuration and record for compliance with this Service Bulletin on the helicopter logbook.
7. Send the attached compliance form to the following mail box:

[engineering.support.lhd@leonardocompany.com](mailto:engineering.support.lhd@leonardocompany.com)

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

<b>Fire Extinguisher "Scrap Report"</b> <b>(SB 189-298)</b>			
<i>Customer</i>		<i>SB Compliance Date</i>	
<i>Helicopter S/N (or spare)</i>	<i>Fire Extinguisher Affected S/N</i>	<i>Fire Extinguisher Total FH</i>	<i>Fire Extinguisher replacement S/N</i>

*Remarks:*

  
  

*Picture:*

*Picture example*

**Figure 1**



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