



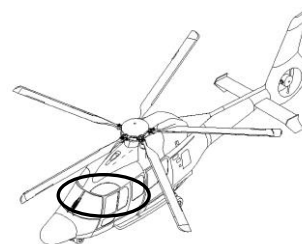
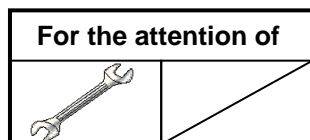
No. EC155-26-008

Civil version(s): B, B1

SERVICE BULLETIN

PROTECTIVE MEASURE

**FIRE PROTECTION - Hand Fire Extinguisher (HFE)
Check of the absence of discharge of the HFE**



Revision No.	Date of issue
Revision 0	2022-11-24

Summary:

The function of this Service Bulletin is to detect the presence of discharge of the HFE.

Compliance:

Airbus Helicopters recommends that you comply with this Service Bulletin.

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1. PLANNING INFORMATION

1.A. EFFECTIVITY

1.A.1. Helicopters/installed equipment or parts

Helicopters EC155 all versions equipped with a HFE L'HOTELLIER MP/N 12085-01 (P/N S262A10T1001) manufactured before July 2022.

1.A.2. Non-installed equipment or parts

HFE L'HOTELLIER MP/N 12085-01 (P/N S262A10T1001) manufactured before July 2022.

1.B. ASSOCIATED REQUIREMENTS

Not applicable.

1.C. REASON

During the scheduled calendar inspection at 12 months, a HFE was measured out of tolerance after a weighing (1.480 kg instead of 1.860 kg).

During this weighing, the HFE was in good conditions:

- The safety pin was in place.
- The indicator needle was in the green range.
- No visible damages on the HFE body.

After investigation, it has been discovered that extinguishers are equipped with a discharge valve that may partially trigger in case of unexpected manual pressure on the command even if the safety pin is installed. The valves presenting this behavior have been found with wrong pin hole location on their machined body.

Consequently, Airbus Helicopters recommends to comply with L'HOTELLIER Service Bulletin No. 12085-26-002.

1.D. DESCRIPTION

This Service Bulletin consists to perform checks on the HFE in accordance with L'HOTELLIER Service Bulletin No. 12085-26-002 (Appendix [4.A.](#)).

1.E. COMPLIANCE

1.E.1. Compliance at H/C manufacturer level

Not applicable.

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1.E.2. Compliance in service

It is the operator who does the work on the helicopter.

Helicopters/installed equipment or parts:

Comply with paragraph [3.](#) of this Service Bulletin.

Non-installed equipment or parts:

Comply with paragraph [3.](#) of this Service Bulletin.

1.F. APPROVAL

Approval of modifications:

Not applicable.



Approval of this document:

The technical information contained in this Service Bulletin Revision 0 was approved on November 16, 2022 under the authority of EASA Design Organization Approval No. 21J.700 for civil version helicopters subject to an Airworthiness Certificate.

1.G. MANPOWER



Airbus Helicopters recommends that the personnel who will do this Service Bulletin have this qualification:

Qualification: 1 Mechanical Technician.



The man-hours are an estimate given for information only and for a standard helicopter configuration.

Estimated Man-hours: 20 minutes for one Mechanical Technician for the accomplishment instructions.



The helicopter downtime is an estimate given for information only and for a standard helicopter configuration.

The estimate of the helicopter downtime is: 20 minutes.

1.H. WEIGHT AND BALANCE

Not applicable.

1.I. POWER CONSUMPTION

Not applicable.

1.J. SOFTWARE UPGRADES/UPDATES

Not applicable.

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1.K. REFERENCES

These documents are necessary to comply with this Service Bulletin.

Service Bulletin (SB):

SB: 12085-26-002: Handheld fire extinguisher P/N 12085-01 - Potential unexpected discharge

Information Notice (IN):

IN: 3785-1-00: Introduction of the digital Service Bulletin reporting service SB Insight

1.L. OTHER AFFECTED PUBLICATIONS

Not applicable.

1.M. PART INTERCHANGEABILITY OR MIXABILITY

Not applicable.

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2. EQUIPMENT OR PARTS INFORMATION

2.A. EQUIPMENT OR PARTS: PRICE - AVAILABILITY - PROCUREMENT

Not applicable.

2.B. LOGISTIC INFORMATION

Not applicable.

2.C. EQUIPMENT OR PARTS REQUIRED PER HELICOPTER/COMPONENT

Not applicable.

2.D. EQUIPMENT OR PARTS TO BE RETURNED

Not applicable.

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3. ACCOMPLISHMENT INSTRUCTIONS

3.A. GENERAL

Not applicable.

3.B. WORK STEPS

Comply with the L'HOTELLIER Service Bulletin No. 12085-26-002, refer to Appendix [4.A.](#)

3.C. RECORD OF COMPLIANCE

Compliance with this document:

- Record the full compliance with this Service Bulletin, with the revision number, in the helicopter documents.
- Record compliance with this Service Bulletin (see IN 3785-I-00 for instructions):
QR code and hypertext link



NOTE

The recording of compliance with Service Bulletins in the SB Insight tool does not replace the recording in the helicopter documents.

[SB EC155-26-008](#)

3.D. OPERATING AND MAINTENANCE INSTRUCTIONS

Not applicable.

4. APPENDIX

4.A. L'HOTELLIER SERVICE BULLETIN No. 12085-26-002

L'HOTELLIER SERVICE BULLETIN

HANDHELD FIRE EXTINGUISHER

P/N 12085-01 – POTENTIAL UNEXPECTED DISCHARGE

REVISION TRANSMITTAL SHEET

HISTORIC OF DOCUMENT

REV	DATE	NATURE	EDITOR	VERIFIER	APPROVER
0	25/08/2022	Origin	J.F MIRO	F. BRETON	S. COLONNA

ORIGIN : AUG 25/22

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L'HOTELLIER

SERVICE BULLETIN

HANDHELD FIRE EXTINGUISHER

P/N 12085-01 – POTENTIAL UNEXPECTED DISCHARGE

1. PLANNING INFORMATION

A. EFFECTIVITY

The Service Bulletin is applicable to the Handheld Fire Extinguisher P/N 12085-01 manufactured until June 2022.

B. CONCURRENT REQUIREMENTS

None

C. REASON

It has been discovered that extinguishers are equipped with a discharge valve that may partially trigger in case of unexpected manual pressure on the command even if the safety pin is installed. The valves presenting this behavior have been found with wrong pin hole location on their machined body.

D. DESCRIPTION

The actions described in this SB consist of:

- Performing a non-discharge test while the safety pin remains properly installed,
- Applying a visual and weight check (as already required every 12 months).
- Identifying compliant extinguisher.

E. COMPLIANCE

Application of this Service Bulletin is recommended.

This service bulletin shall be completed at the first opportunity but no later than the next yearly weight check. Users, Operators, Maintenance Centers, Repair Stations, Aircraft Manufacturer and Equipment Manufacturer who are already authorized to perform the yearly check of the extinguisher are authorized to apply this Service Bulletin.

F. APPROVAL

The technical information contained in this Equipment Manufacturer's Service Bulletin was validated by L'HOTELLIER.

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The technical information contained in this Equipment Manufacturer's Service Bulletin was approved by Airbus Helicopters under the prerogatives of EASA Design Organization Approval No.21J.700 only for the AIRBUS HELICOPTERS helicopter range concerned.

G. LABOR HOURS

Estimated test time per extinguisher: additional time <1min if performed during usual annual check, otherwise <20min.

H. WEIGHT AND BALANCE

No change.

I. ELECTRICAL LOAD DATA

N/A

J. SOFTWARE ACCOMPLISHMENT SUMMARY

N/A

K. REFERENCES

ACMM26-20-11 revision 1 dated SEP 07/15.

L. OTHER PUBLICATIONS AFFECTED

N/A

M. INTERCHANGEABILITY OR INTERMIXABILITY OF PARTS

No change.

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2. MATERIAL INFORMATION

A. MATERIAL – PRICE AND AVAILABILITY

Compliant extinguishers are authorized to return to service with no additional action.

Non-compliant extinguishers shall be returned to L'HOTELLIER (see address below) for examination due to "discharge with safety pin installed" (this reason for return shall be stated on the paperwork attached to each returned extinguisher). Once defect is confirmed, L'HOTELLIER will perform the reform and, when required by the Customer, will propose a replacement with a discount that will consider the remaining potential life of the returned extinguisher. Passed the first year after the applicability of this service bulletin, the extinguishers will be changed at the spare price.

NOTE: this product is not repairable.

Address for the returns:

**L'HOTELLIER REPAIR STATION
4 RUE HENRI POINCARE
92160 ANTONY, FRANCE**

B. INDUSTRY SUPPORT INFORMATION

L'HOTELLIER
4, rue Henri Poincaré
92167 ANTONY Cedex
France

Attn : Customer Quality
Jean-François MIRO
Email : jean-francois.miro@collins.com
Tel.: +33 1 46 66 08 08
Fax: +33 1 46 66 23 24

C. MATERIAL NECESSARY FOR EACH COMPONENT

Weighing scale Range 0 to 5Kg with 1g accuracy

D. TOOLING – PRICE AND AVAILABILITY

N/A

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3. ACCOMPLISHMENT INSTRUCTIONS

All extinguishers with P/N stated in section 1.A. must pass with success the 2 following tests:

1. Non-discharge test:

NOTE: this operation shall not be performed in a confined area.

- a. Remove the extinguisher from its current installation or packaging
- b. Stand the extinguisher vertically, head up
- c. Check that the safety pin remains correctly installed and sealed

CAUTION: don't pull the safety pin, otherwise the extinguisher is no more serviceable.

- d. Press the lever as to command a discharge
- e. Check the absence of any discharge (no audible noise, no visible flow)

CAUTION: in case of observed discharge, stop pressing immediately to avoid extra release of Halon in the atmosphere.

NOTE: the next steps are not required if the extinguisher didn't pass the first test with success.

2. Visual and weight check:

- a. Manometer direction check:

The position of the pointer must be in the GREEN area.

- b. Weight check:

With a weighing scale (range 0 to 5Kg with 1g accuracy), weigh the extinguisher without support or bracket. The measured weight must be over or equal to the minimum weight stated on the label of the extinguisher.

3. Identification:

NOTE: in order to identify that the extinguisher is safe, the Service Bulletin number must be filled on the label. By consequence, this section is only applicable if the equipment passed with success the 2 previous steps.

- a. The marking shall be permanent by appropriate direct marking or by pasting an additional label. It is not allowed to engrave the cylinder wall or to make the marking on the valve.
- b. The marking shall be located in a free area of the equipment label near serial number or manufacturing date of the extinguisher.
- c. The marking content shall be: "SB 12085-26-002".

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