



VENDOR SERVICE BULLETIN
ATA 26-24
FIRE PROTECTION – FIRE EXTINGUISHER -
REPLACEMENT HAFEX SAFETY PIN

PART MANUFACTURER	umlaut engineering GmbH
AFFECTED PART	Hand-held Fire Extinguisher HAFEX, model type P3APP003010

<i>Issued</i>	<i>Checked</i>	<i>Approved</i>
Jack Ibrahim 01/10/2020	Soe Youssef 01/10/2020	 1 OCT 2020

List of Revisions / Amendments

Issue	Affected Pages:	Reason for Revision / Amendment:
initial	All	Initial Release
01	All 4 5	Updated company name and logo Detailed effectivity Updated CMM reference

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1.0 Planning Information

A. Effectivity

Hand-held Fire Extinguisher HAFEX, P/Ns:

- P3APP003010A
- P3APP003010B
- P3APP003010C

Only fire extinguishers without amendment label are affected. The amendment label is located on the backside of the fire extinguishers (see Figure 4). For fire extinguishers with amendment A or higher, the changes described in this document are already implemented.

B. Reason

This Vendor Service Bulletin (VSB) introduces an improved safety pin and safety seal to minimize the risk of a broken pull-ring, even if the safety pin is pulled at unusual angles. Internal quality checks have revealed, that if the safety pin is pulled under increased angles ($>30^\circ$), which is considered to be an inappropriate usage, it might occur, that the pull ring fails and the pin could not be removed as intended. The pin secures the extinguisher and prevents unintended use of the extinguisher.

C. Description

This Service Bulletin gives instructions to:

- Removal of the old safety pin and safety seal
- Installation the improved safety pin and safety seal
- Attachment of the provided amendment plate to the extinguisher

D. Compliance

- 1) Classification: recommended
- 2) Accomplishment Timescale: 24 month

E. Approval

The modification procedures described in this VSB are reviewed and technically accepted by Airbus to apply to the Airbus fleet affected. This VSB does not contain any change information that revises the equipment definition covered by Airbus approved modifications.

F. Manpower

2 minutes per extinguisher are necessary to do this modification.

G. Tooling

A wire cutter is needed to cut the old safety pin and a black permanent marker for marking of the amendment plate.

H. Weight and Balance

Not affected

I. Electrical Load Data

Not affected

J. References

CMM 26-24-02 – Component Maintenance Manual with Illustrated Parts List – HAFEX, Pages 6001, 6002

K. Publications Affected

Not affected

L. Interchangeability

Two way interchangeable

2.0 Material

A. Material – Price and Availability

Price: The necessary material is detailed in paragraph 2.0 B.

Availability: Contact umlaut engineering GmbH for availability

B. Material necessary for each component (unit)

The following parts from umlaut engineering GmbH are necessary to accomplish this VSB.

(1) Material to be purchased

<u>P/N</u>	<u>Description</u>	<u>Quantity</u>	<u>Unit Price</u>
P3PRT003090B	Replacement Safety Pin	1	Free of charge
P3PRT003091B	Replacement Safety Seal	1	for completion of
P3PRT000003M	Amendment Label	1	this VSB

(2) Material supplied by the Operator (consumables)

No additional material needed.

3.0 Accomplishment Instructions

WARNING: MAKE SURE THAT YOU OBEY ALL THE WARNINGS AND ALL THE CAUTIONS INCLUDED IN THE REFERENCED PROCEDURES.

A. General

The steps below outline the general accomplishment instructions. The detailed sequence is given as notes in the figures shown in the following chapters.

1. Use the wire cutter to cut the safety pin.
2. Insert the new safety pin through the holes in the lever.
3. Push the safety seal onto the safety pin until it snaps.
4. Attach the amendment label on the back of the extinguisher

B. Preparation

Make sure to have the correct safety pin, safety seal, amendment label and wire cutter at hand. Exchange of the safety pin may be performed at the aircraft or in a workshop.

CAUTION: MAKE SURE THAT THERE IS ENOUGH ROOM TO SAFELY FULFILL THE FOLLOWING TASKS.

C. Procedure

1. Use the wire cutter to cut the safety pin as shown in Figure 1.



Figure 1: Cutting the safety pin (left)

2. Remove both ends of the safety pin from the extinguisher and scrap them.

CAUTION: WITH THE SAFETY PIN REMOVED, HANDLE THE EXTINGUISHER WITH CAUTION NOT TO PUSH THE LEVER RELEASING THE AGENT.

3. Enter the new safety pin from the side opposite to the pressure gauge through the holes of the lever as shown in Figure 2.



Figure 2: Installing the safety pin

4. Push the safety seal onto the safety pin until it snaps. Make sure to push the centre of the safety seal to avoid breaking it. Make sure that the latch of the safety seal is positioned towards the lever (see Figure 3).



Figure 3: Installing the safety seal

5. Place the amendment plate on the back of the extinguisher between the two ends of the main label, as shown in Figure 4 and cross out the "A" with a permanent marker (if not already done).



Figure 4: Placing the amendment plate

6. Enter the accomplishment of this bulletin in the applicable documents.

D. Test

Not applicable

4.0 Further Information

If you need more information about this Service Bulletin, or to obtain price/ delivery data, contact the Customer Support Manager at:

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