

26

**FIRE
PROTECTION**

LIST OF EFFECTIVE PAGES

CHAPTER	PAGE	DATE	CHAPTER	PAGE	DATE
■ 26-LEP (BA)	1	SEP 04			
	2	JUN 01			
■ 26-TC (BA)	1	SEP 04			
	2	SEP 04			
26-00-00 (BA)	1	JUN 01			
	2	JUN 01			
26-20-00 (BA)	1	JUN 01			
	2	JUN 01			
26-20-00 (CA)	1	JUN 01			
	2	JUN 01			
26-20-00 (DA)	1	JUN 01			
	2	JUN 01			
■ 26-20-00 (EA)	1	SEP 04			
	2	SEP 04			
■ 26-20-01 (BA)	401	SEP 04			
	402	SEP 04			
■ 26-20-01 (CA)	401	SEP 04			
	402	SEP 04			
	403	SEP 04			
	404	SEP 04			
■ 26-20-01 (DA)	401	SEP 04			
	402	SEP 04			
■ 26-20-01 (EA)	401	SEP 04			
	402	SEP 04			
■ 26-20-01 (BA)	601	SEP 04			
	602	SEP 04			

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TABLE OF CONTENTS

SUBJECT	CHAPTER	PAGE	VALIDITY
FIRE PROTECTION	26-00-00 (BA)	1	1 - 9999
DESCRIPTION AND OPERATION		1	
1. GENERAL		1	
 EXTINGUISHING	 26-20-00 (BA)	 1	 AREOFEU
DESCRIPTION AND OPERATION		1	
1. GENERAL		1	
2. LOCATION		1	
3. DESCRIPTION		1	
A. Fire extinguisher		1	
4. OPERATION		1	
 EXTINGUISHING	 26-20-00 (CA)	 1	 MAIP
DESCRIPTION AND OPERATION		1	
1. GENERAL		1	
2. LOCATION		1	
3. DESCRIPTION		1	
A. Fire extinguisher		1	
4. OPERATION		1	
 EXTINGUISHING	 26-20-00 (DA)	 1	 RC INDUSTRIE
DESCRIPTION AND OPERATION		1	
1. GENERAL		1	
2. LOCATION		1	
3. DESCRIPTION		1	
A. Fire extinguisher		1	
4. OPERATION		1	
 EXTINGUISHING	 26-20-00 (EA)	 1	 L'HOTELLIER
DESCRIPTION AND OPERATION		1	
1. GENERAL		1	
2. LOCATION		1	
3. DESCRIPTION		1	
A. Fire extinguisher		1	
4. OPERATION		1	
 FIRE EXTINGUISHER	 26-20-01 (BA)	 401	 AREOFEU
REMOVAL / INSTALLATION		401	
1. REMOVAL OF THE FIRE EXTINGUISHER		401	
A. Tools and consumable materials		401	
B. Procedure		401	

AAAA

Validity : S / N 1 - 9999

SUBJECT	CHAPTER	PAGE	VALIDITY
FIRE EXTINGUISHER (Continued)	26-20-01 (BA)		
2. INSTALLATION OF THE FIRE EXTINGUISHER		401	
A. Tools and consumable materials		401	
B. Procedure		401	
FIRE EXTINGUISHER REMOVAL / INSTALLATION	26-20-01 (CA)	401	MAIP
1. REMOVAL OF THE FIRE EXTINGUISHER		401	
A. Tools and consumable materials		401	
B. Procedure		401	
2. INSTALLATION OF THE FIRE EXTINGUISHER		401	
A. Tools and consumable materials		401	
B. Procedure		401	
FIRE EXTINGUISHER REMOVAL / INSTALLATION	26-20-01 (DA)	401	RC INDUSTRIE
1. REMOVAL OF THE FIRE EXTINGUISHER		401	
A. Tools and consumable materials		401	
B. Procedure		401	
2. INSTALLATION OF THE FIRE EXTINGUISHER		401	
A. Tools and consumable materials		401	
B. Procedure		401	
FIRE EXTINGUISHER REMOVAL / INSTALLATION	26-20-01 (EA)	401	L'HOTELLIER
1. REMOVAL OF THE FIRE EXTINGUISHER		401	
A. Tools and consumable materials		401	
B. Procedure		401	
2. INSTALLATION OF THE FIRE EXTINGUISHER		401	
A. Tools and consumable materials		401	
B. Procedure		401	
FIRE EXTINGUISHER INSPECTION / CHECK	26-20-01 (BA)	601	1 - 9999
1. CHECK OF THE FIRE EXTINGUISHER		601	
A. Tools and consumable materials		601	
B. Procedure		601	

FIRE PROTECTION

DESCRIPTION AND OPERATION

1. GENERAL

Fixed or portable equipment or component which stores and distributes fire extinguishing agent.

The system consists of :

- A portable fire extinguisher - refer to 26-20-00.

AAAA

Validity : S / N 1 - 9999

26-00-00 (BA)

Page 1
JUN 01

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EXTINGUISHING

DESCRIPTION AND OPERATION

1. GENERAL

The portable fire extinguisher is charged with Halon gas. It enables fire fighting :

- in flight, in the accessible areas of the cabin,
- on the ground, in all accessible areas of the aircraft.

The portable fire extinguisher is ready for use, it operates in one stroke, without percussion or preliminary preparation.

2. LOCATION (Figure 1)

COMPONENT	QTY	AREA	ACCESS DOOR	REFERENCE
Fire extinguisher	1	230	/	26-20-01

3. DESCRIPTION

A. Fire extinguisher

The fire extinguisher consists of :

- a red plasticized aluminium cylinder,
- a valve system with a discharge lever allowing operation and carrying. The discharge lever is fitted with a safety pin,
- a pressure gage.

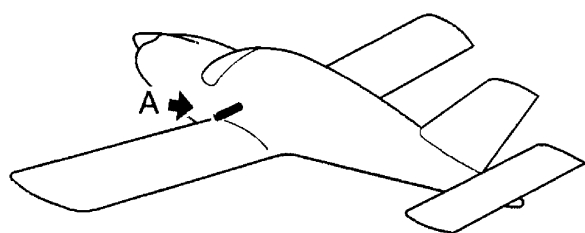
It is charged with HALON FLUGEX with nitrogen charge pressurized at 145 psi (10 bars) used as propulsive gas.

The total weight of the fire extinguisher and the weight of the load are indicated on the fire extinguisher body.

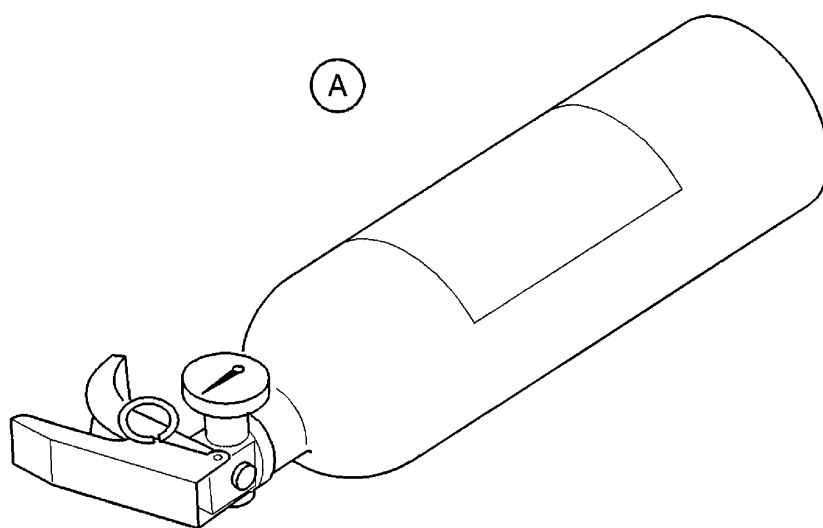
It is installed on the cabin floor, at the front of the pilot seat.

4. OPERATION

Remove the safety pin. Without turning the fire extinguisher upside down, depress the discharge lever. The pressure exerted on the discharge lever releases the pressurized nitrogen which drives the HALON charge through the nozzle. To stop the HALON discharge, release the discharge lever.



A - Fire extinguisher



Extinguishing - Identification and location of components
Figure 1

I4262000AAABWZ4100

EXTINGUISHING

DESCRIPTION AND OPERATION

1. GENERAL

The portable fire extinguisher is charged with Halon gas. It enables fire fighting :

- in flight, in the accessible areas of the cabin,
- on the ground, in all accessible areas of the aircraft.

The portable fire extinguisher is ready for use, it operates in one stroke, without percussion or preliminary preparation.

2. LOCATION (Figure 1)

COMPONENT	QTY	AREA	ACCESS DOOR	REFERENCE
Fire extinguisher	1	230	/	26-20-01

3. DESCRIPTION

A. Fire extinguisher

The fire extinguisher consists of :

- a red plasticized monobloc stamped steel cylinder,
- a valve system with a discharge lever allowing operation and carrying,
- a pressure gage.

It is charged with HALON 1211 with nitrogen charge pressurized at 203 psi (14 bars) used as propulsive gas.

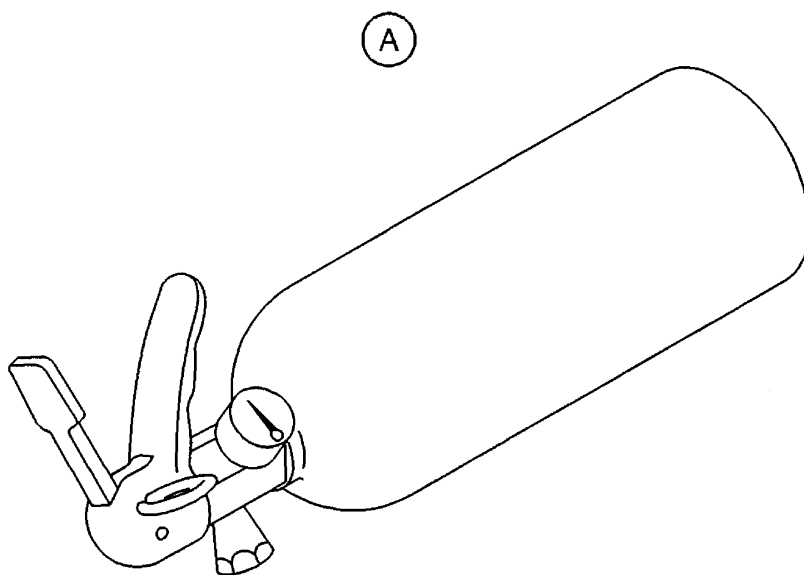
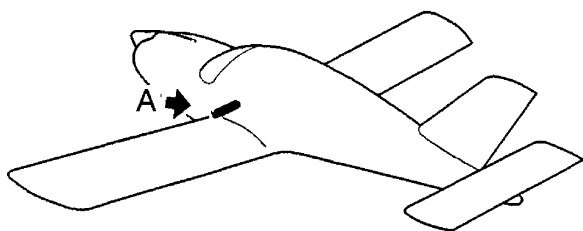
The total weight of the fire extinguisher and the weight of the load are indicated on the fire extinguisher body.

It is installed on the cabin floor, at the front of the pilot seat.

4. OPERATION

Without turning the fire extinguisher upside down, depress the discharge lever. The pressure exerted on the discharge lever releases the pressurized nitrogen which drives the HALON charge through the nozzle. To stop the HALON discharge, release the discharge lever.

A - Fire extinguisher



Extinguishing - Identification and location of components
Figure 1

14262000AAA BWZ14000

EXTINGUISHING**DESCRIPTION AND OPERATION****1. GENERAL**

The portable fire extinguisher is charged with sodium bicarbonate. It enables fire fighting :

- in flight, in the accessible areas of the cabin,
- on the ground, in all accessible areas of the aircraft.

The portable fire extinguisher is ready for use, it operates in one stroke, without percussion or preliminary preparation.

2. LOCATION (Figure 1)

COMPONENT	QTY	AREA	ACCESS DOOR	REFERENCE
Fire extinguisher	1	230	/	26-20-01

3. DESCRIPTION**A. Fire extinguisher**

The fire extinguisher consists of :

- a red plasticized aluminium cylinder,
- a valve system with a discharge lever allowing operation and carrying,
- a pressure gage.

It is charged with sodium bicarbonate pressurized at 100 psi (6.9 bars).

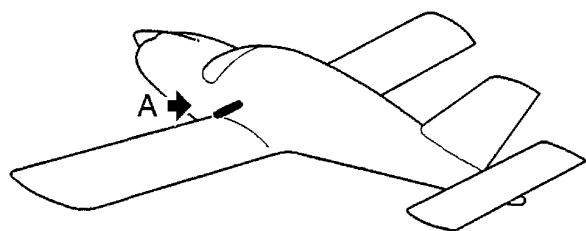
The total weight of the fire extinguisher and the weight of the load are indicated on the fire extinguisher body.

It is installed on the cabin floor, at the front of the pilot seat.

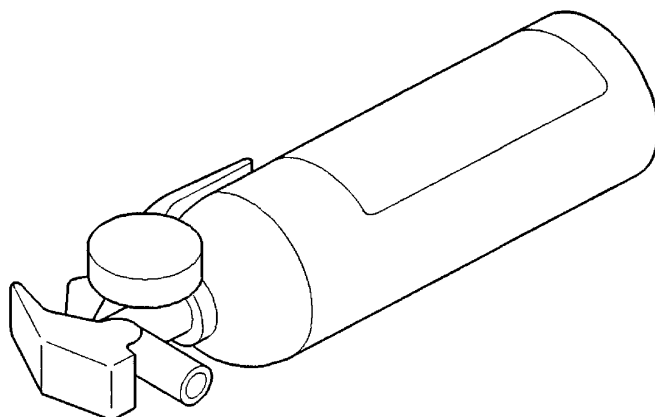
4. OPERATION

Without turning the fire extinguisher upside down, pull the safety lever up, hold it in this position and depress the discharge lever at the same time. The pressure exerted on the discharge lever releases the pressurized powder charge through the nozzle. To stop the powder discharge, release the discharge lever.

A - Fire extinguisher



A



Extinguishing - Identification and location of components
Figure 1

14262000AAAAWZ4000

EXTINGUISHING

DESCRIPTION AND OPERATION

1. GENERAL

The portable fire extinguisher is charged with Halon gas. It enables fire fighting :

- in flight, in the accessible areas of the cabin,
- on the ground, in all accessible areas of the aircraft.

The portable fire extinguisher is ready for use, it operates in one stroke, without percussion or preliminary preparation.

2. LOCATION (Figure 1)

COMPONENT	QTY	AREA	ACCESS DOOR	REFERENCE
Fire extinguisher	1	230	/	26-20-01

3. DESCRIPTION

A. Fire extinguisher

The fire extinguisher consists of :

- a red lacquered aluminium cylinder,
- a valve system with a discharge lever allowing operation and carrying. The discharge lever is fitted with a safety pin,
- a pressure gage.

It is charged with HALON with nitrogen charge pressurized at 159 psi (11 bars) used as propulsive gas.

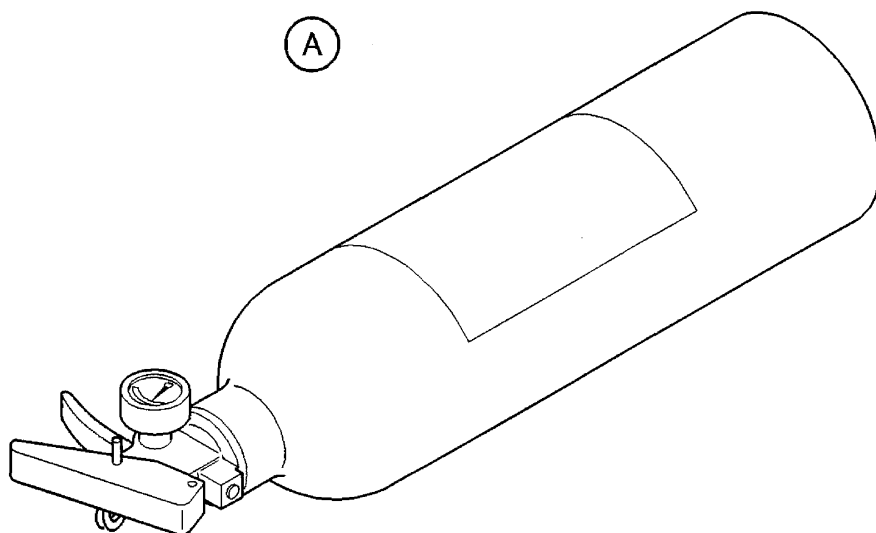
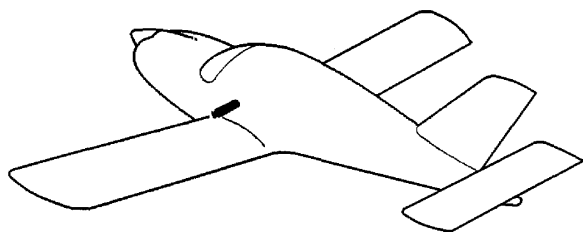
The total weight of the fire extinguisher and the weight of the load are indicated on the fire extinguisher body.

It is installed on the cabin floor, at the front of the pilot seat.

4. OPERATION

Remove the safety pin. Without turning the fire extinguisher upside down, depress the discharge lever. The pressure exerted on the discharge lever releases the pressurized nitrogen which drives the HALON charge through the nozzle. To stop the HALON discharge, release the discharge lever.

A - Fire extinguisher



14262000AAABWZ24000

Extinguishing - Identification and location of components
Figure 1

FIRE EXTINGUISHER

REMOVAL / INSTALLATION

NOTE : When an "AREOFEU" fire extinguisher is replaced with a "MAIP" or "L'HOTELLIER" fire extinguisher, blank off the unused attachment hole of the support with a bolt coated with sealant (TB 09-002A).

1. REMOVAL OF THE FIRE EXTINGUISHER (Figure 401)

A. Tools and consumable materials

None

B. Procedure

- 1) If necessary, move pilot seat aft.
- 2) Grasp transportation handle (3) and pull fire extinguisher (1) up to remove it from bracket assy (2).

2. INSTALLATION OF THE FIRE EXTINGUISHER (Figure 401)

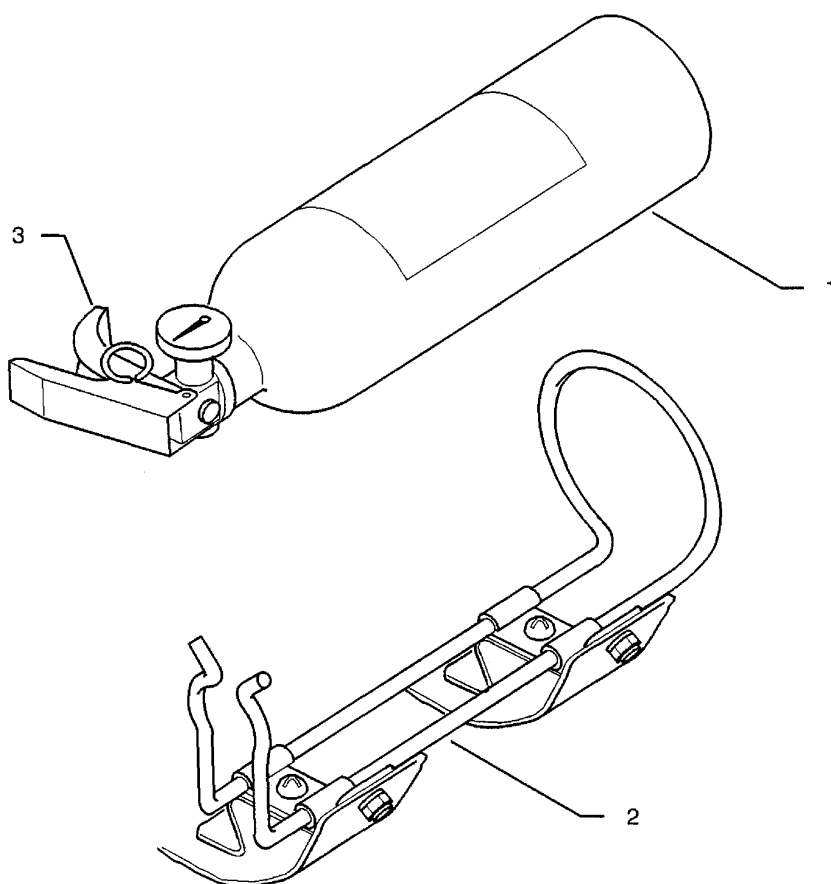
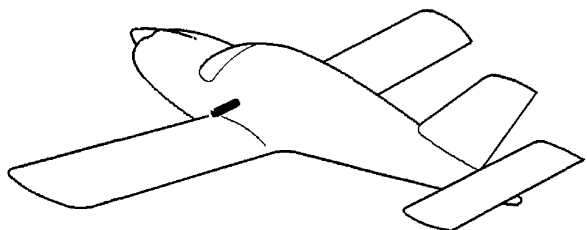
A. Tools and consumable materials

None

B. Procedure

- 1) Inspect bracket assy (2) for condition.
- 2) Inspect fire extinguisher (1) for condition and service life.
- 3) Position fire extinguisher (1) on bracket assy (2), with the pressure gage visible and directed towards the exterior of the aircraft.
- 4) Position fire extinguisher (1) into bracket assy (2).

- 1 - Fire extinguisher
- 2 - Bracket assy
- 3 - Transportation handle



Fire extinguisher - Removal / Installation
Figure 401

I4262000AAABWZ4201

FIRE EXTINGUISHER

REMOVAL / INSTALLATION

NOTE : When an "AREOFEU" fire extinguisher is replaced with a "MAIP" fire extinguisher, blank off the unused attachment hole of the support with a bolt coated with sealant (TB 09-002A).

1. REMOVAL OF THE FIRE EXTINGUISHER (Figures 401 and 401A)

A. Tools and consumable materials

None

B. Procedure

- 1) If necessary, move pilot seat aft.

With MAIP F1-0601 support

- 2) Grasp transportation handle (3) and pull fire extinguisher (1) up to remove it from bracket assy (2).

With MAIP H1-10-600 support

- 2) Unlock flange (5) and disengage fire extinguisher (1) from bracket assy (2).

2. INSTALLATION OF THE FIRE EXTINGUISHER (Figures 401 and 401A)

A. Tools and consumable materials

None

B. Procedure

- 1) Inspect bracket assy (2) for condition.

- 2) Inspect fire extinguisher (1) for condition and service life.

With MAIP F1-0601 support

- 3) Position fire extinguisher (1) on bracket assy (2), with the pressure gage visible and directed towards the exterior of the aircraft.

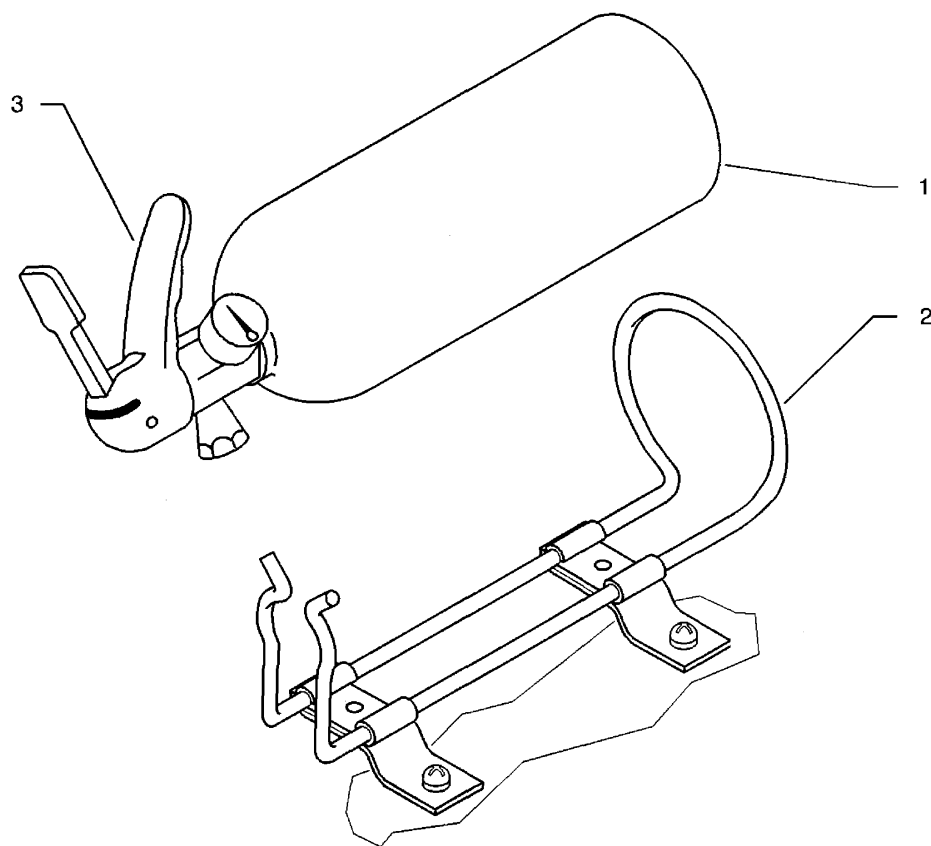
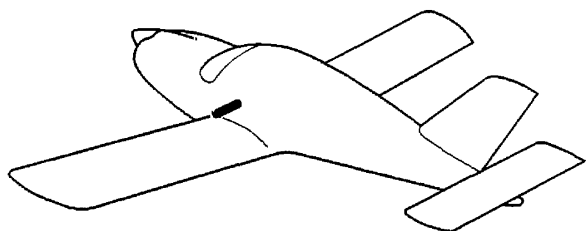
- 4) Position fire extinguisher (1) into bracket assy (2).

With MAIP H1-10-600 support

- 3) Install fire extinguisher (1) in bracket assy (2) and make sure transportation handle (3) and nozzle (4) are correctly positioned.

- 4) Lock flange (5).

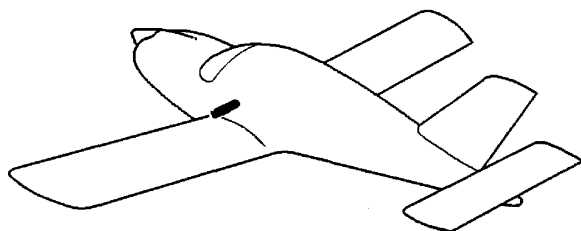
- 1 - Fire extinguisher
- 2 - Bracket assy
- 3 - Transportation handle



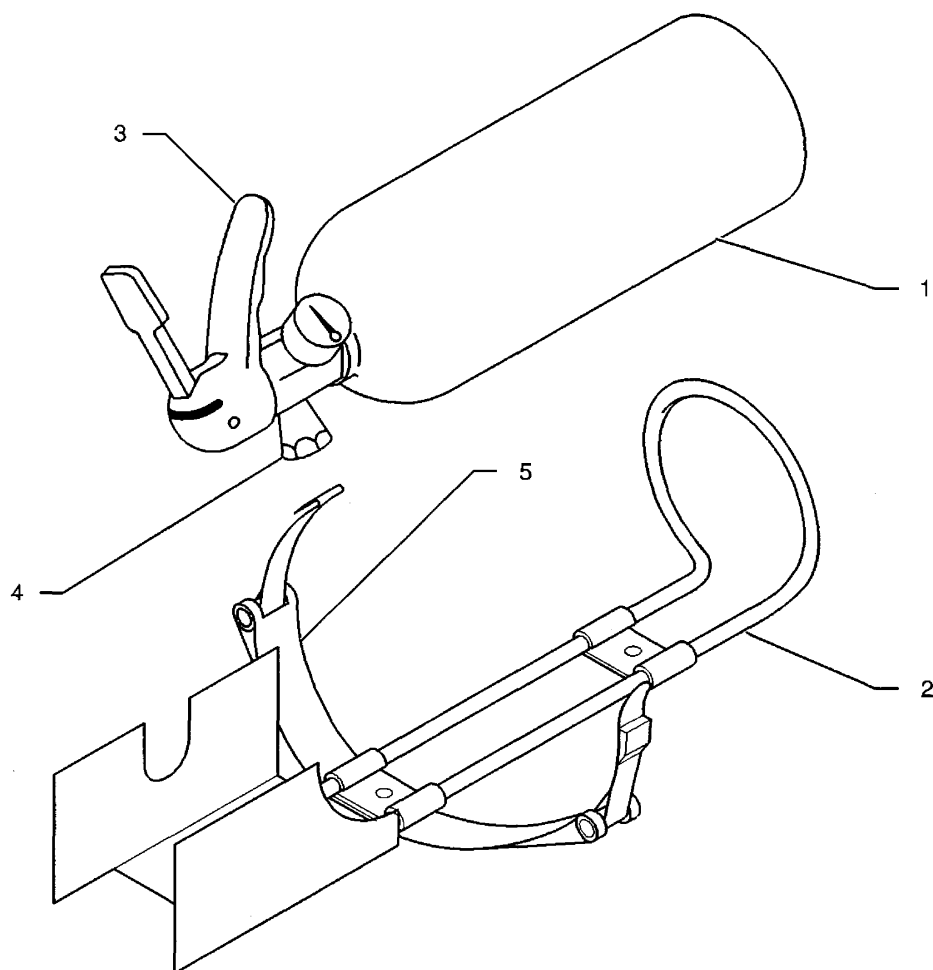
Fire extinguisher - Removal / Installation
Figure 401

I4262000AABWZ14101

ABAB
Validity : MAIP



- 1 - Fire extinguisher
- 2 - Bracket assy
- 3 - Transportation handle
- 4 - Nozzle
- 5 - Flange



14262000AAA BWZ14201

Fire extinguisher - Removal / Installation
Figure 401A

ABAB
Validity : MAIP

26-20-01

Page 403
(CA) SEP 04

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FIRE EXTINGUISHER

REMOVAL / INSTALLATION

1. REMOVAL OF THE FIRE EXTINGUISHER (Figure 401)

A. Tools and consumable materials

None

B. Procedure

- 1) If necessary, move pilot seat aft.
- 2) Unlock flange (3) and remove fire extinguisher (1) from bracket assy (2).

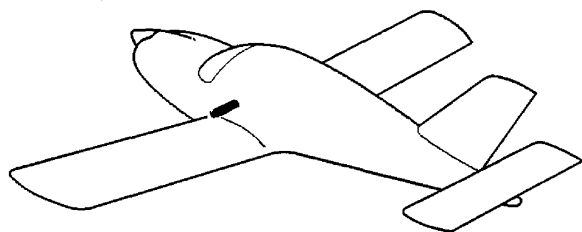
2. INSTALLATION OF THE FIRE EXTINGUISHER (Figure 401)

A. Tools and consumable materials

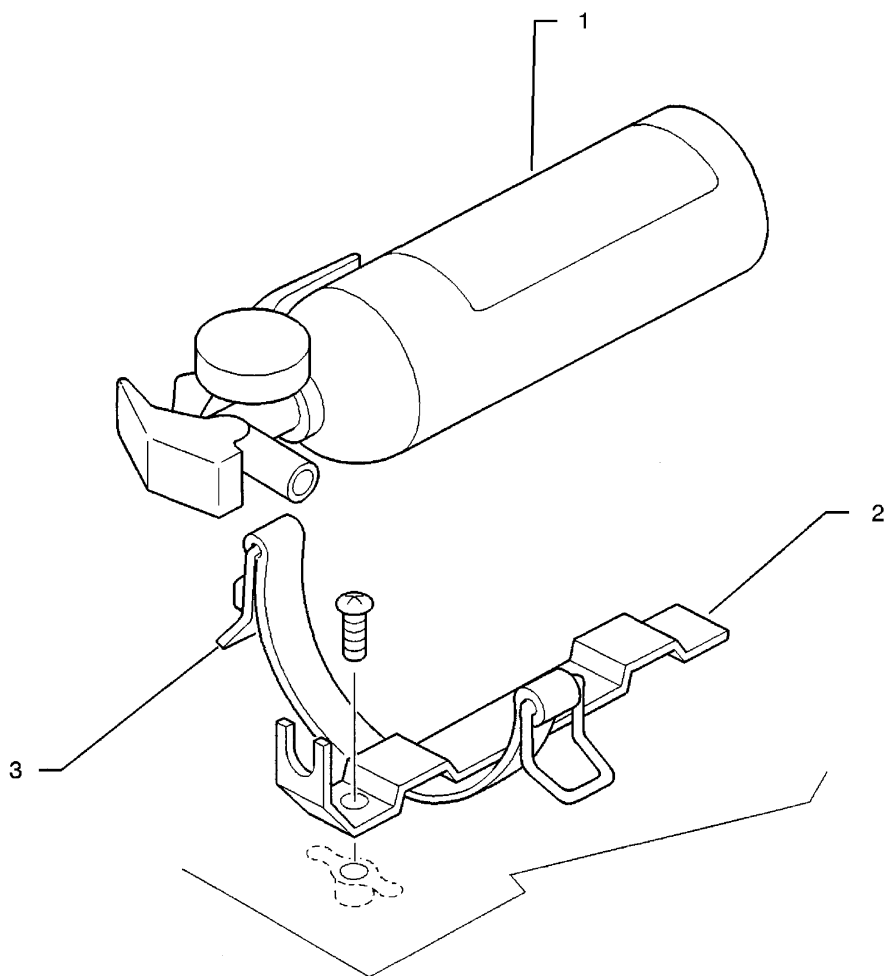
None

B. Procedure

- 1) Inspect bracket assy (2) for condition.
- 2) Inspect fire extinguisher (1) for condition and service life.
- 3) Position fire extinguisher (1) on bracket assy (2), with the pressure gage visible and directed towards the exterior of the aircraft.
- 4) Lock flange (3).



- 1 - Fire extinguisher
- 2 - Bracket assy
- 3 - Flange



Fire extinguisher - Removal / Installation
Figure 401

I4262000AAAWZ4101

FIRE EXTINGUISHER

REMOVAL / INSTALLATION

NOTE : When an "AREOFEU" fire extinguisher is replaced with a "L'HOTELLIER" fire extinguisher, blank off the unused attachment hole of the support with a bolt coated with sealant (TB 09-002A).

1. REMOVAL OF THE FIRE EXTINGUISHER (Figure 401)

A. Tools and consumable materials

None

B. Procedure

- 1) If necessary, move pilot seat aft.
- 2) Open straps (3) with "VELCRO" tapes.
- 3) Grasp transportation handle (4) and pull fire extinguisher (1) up to remove it from bracket assy (2).

2. INSTALLATION OF THE FIRE EXTINGUISHER (Figure 401)

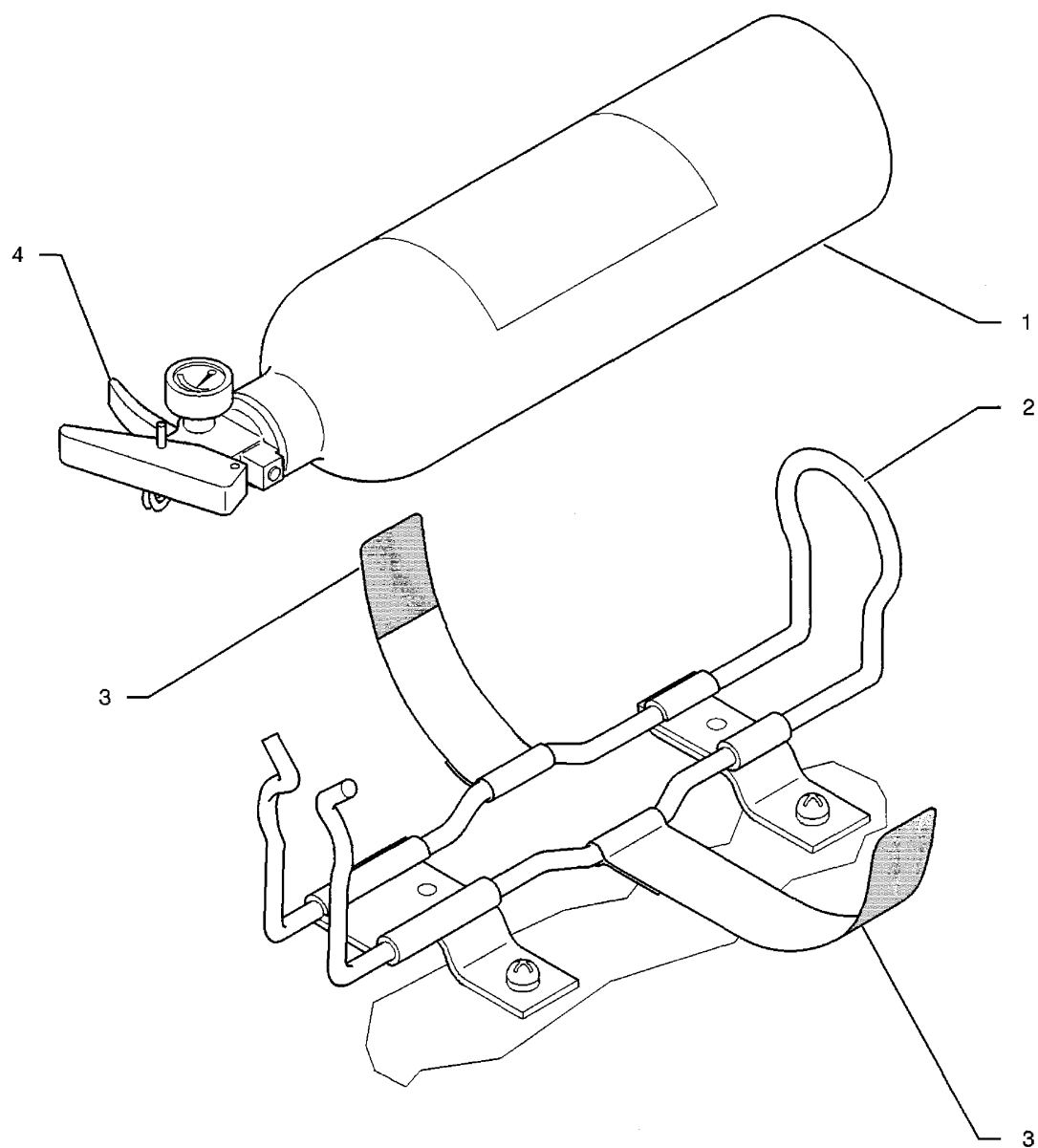
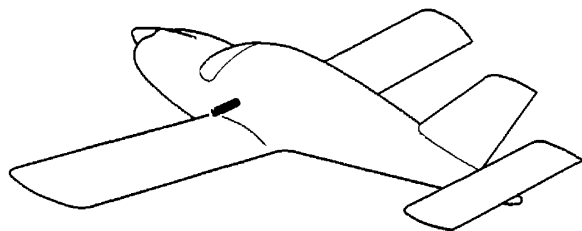
A. Tools and consumable materials

None

B. Procedure

- 1) Inspect bracket assy (2) and straps (3) for condition.
- 2) Inspect fire extinguisher (1) for condition and service life.
- 3) Position fire extinguisher (1) on bracket assy (2), with the pressure gage visible and directed towards the exterior of the aircraft.
- 4) Position fire extinguisher (1) into bracket assy (2).
- 5) Fasten straps (3) with "VELCRO" tapes.
- 6) Make sure straps (3) hold fire extinguisher (1) in position when they are fastened.

- 1 - Fire extinguisher
- 2 - Bracket assy
- 3 - Strap
- 4 - Transportation handle



Fire extinguisher - Removal / Installation
Figure 401

14262000AAA BWZ24100

FIRE EXTINGUISHER

INSPECTION / CHECK

1. CHECK OF THE FIRE EXTINGUISHER

A. Tools and consumable materials

- Scale 0-10 lbs (0-5 kg)

B. Procedure

- 1) Remove the fire extinguisher - refer to Page 401.
- 2) Make sure lead seal is present and inspect it for condition.
- 3) Inspect the fire extinguisher outer skin for condition.
- 4) Inspect spraying hole for cleanliness.
- 5) Check cylinder pressure. Pressure gage pointer must be within the green range.
- 6) Weigh the fire extinguisher without its bracket assy.

NOTE 1 : The total weight of the fire extinguisher is indicated on the fire extinguisher body.

NOTE 2 : AREOFEU AFT15 fire extinguisher must be weighed by the manufacturer.

- 7) If weight is out of tolerance, replace the fire extinguisher.
- 8) Install the fire extinguisher - refer to Page 401.

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