

ALERT SERVICE BULLETIN

TITLE: Extinguishing - Installation of the Cabin fire extinguisher without Halon

SB Type: Corrective measure

APPLICABILITY

Model:	EC155
Version:	B
Helicopters affected:	6594, 6600 & 6575
Helicopters PREMOD:	MC26B41

COMPLIANCE: MANDATORY

Comply with Alert Service Bulletin within 12 months.

SUMMARY

The purpose of this Service Bulletin is to install in the cabin a fire extinguisher and its bracket to allow more than 7 passengers transport .

GENERAL EVALUATION

Evaluation table			
Perform once	YES	Accomplish recurring	NO

Export Control:

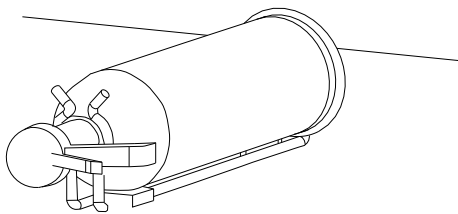
US Export Control - No US content. This Item does not contain any U.S. origin ITAR or EAR content.

FR Export Control - Not Listed. This Item is not listed against the EC regulations in the EU/FR.

GENERAL ILLUSTRATION

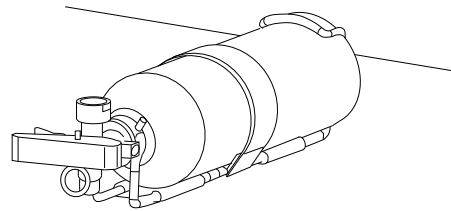
A

BEFORE MODIFICATION



A

AFTER MODIFICATION



PLANNING INFORMATION

1. REASON

The purpose of this Service Bulletin is to restore compliance with JAR29.853 (f) on customized EC155-B aircrafts S/N 6594, 6600 & 6575, by installing a fire extinguisher and its bracket in cabin to allow more than 7 passengers transport.

2. DESCRIPTION

This Service Bulletin provides instructions to :

- Install one HAFEX UL P3APP0030010D Hand Fire Extinguisher in the cabin.
- Install one HAFEX UL P3APP003020J Hand Fire Extinguisher bracket in the cabin.
- Remove former labels and install new ones

3. CONCURRENT REQUIREMENTS

Not applicable.

4. APPROVAL

The technical content of this document is approved under the authority of the Design Organization Approval ref. EASA. 21J.700. For helicopters operated outside the terrain regulated by the EASA, the application of this document is subject to validation provided by the responsible aviation authority of the state of registry.

5. MANPOWER

NOTE

The Purpose of Man Hours is to give Airbus Helicopters customers a guideline for maintenance scheduling. It is not a contractual information.

Number of Persons	Qualification	Estimated Man Hours
1	Airframe technician	1h

6. Weight and balance

Helicopter serial number	Weight (kg)	Lateral moment (kg.m) X	Longitudinal moment (kg.m) Y
S/N 6575	+0.500kg	- 1.50 kg.m	+0.19 kg.m
S/N 6594 & S/N 6600	+2.400 kg	+ 6.60 kg.m	+1.11 kg.m

7. ELECTRICAL LOAD DATA

Not applicable.

8. DOCUMENTATION AFFECTED

The changes to Instructions for Continued Airworthiness (ICA) which are required as a result of this SB will be incorporated in the next Normal Revision. Refer to DN.105.0014 until the information is available in the published technical documentation.

9. MATERIAL INFORMATION

9.1. Price

For information about the price of the modification kits and/or components, or for aid, contact the Airbus Helicopters Network Sales and Customer Relations Department.

9.2. Availability

Contact the Sales and Customer Relations Department to know the delivery lead times.

9.3. Procurement

Send an order for the necessary quantities to the Airbus Helicopters Network Sales. The Airbus Helicopters specialists will directly supply the material needed. You can send an order for the consumables from the AirbusWorld Marketplace through e-ordering. If you cannot get access to e-ordering, please contact your Logistic Focal Point

9.4. Mixability

You must not use the PRE MOD and POST MOD components together.

9.5. LIST OF NEW MATERIALS

Individual Spares List				
Item	Designation	Reference	MFC	QTY
1	HAND FIRE EXTINGUISHER BOTTLE	P3APP003010D	F0210	1
2	HAND FIRE EXTINGUISHER BRACKET	P3APP003020J	F0210	1
3	SIX-LOBE RECESS SCREW	ECS2365TK05S14X	F0210	2
4	WASHER	23116TK050X	F0210	4
5	SELF-LOCKING HEX NUT	ASN52320BH050N	F0210	2
6	POLYAMIDE SCREW	PA6/6M4X6	F0210	2
7	LABEL "FIRE EXTINGUISHER"	365V87-4036-40	F0210	1

NOTE

Item 6 only for S/N 6575

Consumables, Materials and Expendables			
Designation	Reference	MFC	QTY
Locking compound	CM 621	-	1

Special Tools				
Item	Designation	Reference	MFC	QTY
None				

9.6. LIST OF EXISTING PARTS

REMOVAL OF SPARE PARTS	
Old Reference	Designation
H1-10-AIR	HAND FIRE EXTINGUISHER

10. ACCOMPLISHMENT INSTRUCTION

Comply with the accomplishment procedure [26-25-0003, 933](#)

11. ADDITIONAL INFORMATION

Not applicable.

End of section

ACCOMPLISHMENT PROCEDURE 26-25-0003, 933

1. APPLICABILITY

Model:	EC155
Version:	B
Helicopters affected:	6594, 6600 & 6575
Helicopters PREMOD:	MC26B35 or MC26B41

2. GENERAL INFOS

Not applicable

3. PRELIMINARY REQUIREMENTS

3.1. Applicable Documents

- Helicopter parked in a repair shop - Safety instructions [MTC 20-07-02-201](#)
- ISO M and ISO MJ threads: General - Joining [MTC 20-02-05-101](#)
- Safeying assemblies: General - Safeying and locking assemblies [MTC 20-02-06-101](#)
- Use of cleaning products on individual parts and on aircraft - Cleaning [MTC 20-04-01-102](#)
- Helicopter parked in a repair shop - Safety instructions [MTC 20-07-02-201](#)
- Assembly by screws and nuts - Joining [MTC 20-02-05-404](#)
- Clean and apply the close-up procedure to the work areas and the helicopter. [MTC 20-07-03-408](#)
- Removal / Installation - Cabin fire extinguisher support POST MOD 0726B28 - Cabin Fire Extinguishing System [MET 26-22-00-401](#)
- Weighing of the cabin fire extinguisher POST MOD 0726B32 - Cabin Fire Extinguishing System [MET 26-22-00-605](#)
- Application of Marking Media and Decorations - Paint and Primer Application Procedure [MTC 20-04-07-401](#)

3.2. Set up

- Park the helicopter in a hangar, refer to Helicopter parked in a repair shop - Safety instructions [MTC 20-07-02-201](#)
- Install appropriate means of access
- Disconnect all power sources
- Remove all the equipment and fittings necessary for good accessibility to the work area

3.3. Special tools

None

3.4. Materials

Designation	Reference	MFC	QTY
Locking compound	CM 621	-	1

3.5. Spares

Designation	Reference	MFC	QTY
HAND FIRE-EXTINGUISHER BOTTLE	P3APP003010D	F0210	1
HAND FIRE EXTINGUISHER BRACKET	P3APP003020J	F0210	1
SCREW SIX LOBE RECESS	ECS2365TK05S14X	F0210	2
WASHER	23116TK050X	F0210	4
SELF-LOCKING HEX NUT	ASN52320BH050N	F0210	2
POLYAMIDE SCREW	PA6/6M4X6	F0210	2
LABEL "FIRE EXTINGUISHER"	365V87-4036-40	F0210	1

3.6. Safety conditions

WARNING

BEFORE YOU START THE TASK, READ THE SAFETY AND GENERAL MAINTENANCE INSTRUCTIONS GENERAL INSTRUCTIONS - FIRE PROTECTION [MET 26-00-00-300](#) .

CAUTION

MAKE SURE THAT YOU PREVENT ALL POSSIBLE FOD.

4. PROCEDURE

4.1. Procedure to removal of the fire extinguisher and the bracket for S/N 6575 ([Figure 1](#))

- 4.1.1. Remove the Cockpit fire extinguisher (101) and the bracket (102), refer to Removal / Installation - Cabin fire extinguisher support POST MOD 0726B28 - Cabin Fire Extinguishing System [MET 26-22-00-401](#).
- 4.1.2. Close the nut plates with POLYAMIDE SCREW PA6/6M4X6 (6) and Locking compound CM 621, refer to section A-A of ([Figure 1](#))
- 4.1.3. Scrap the Cockpit fire extinguisher (101), the bracket (102) and the hardware (103, 104, 105).

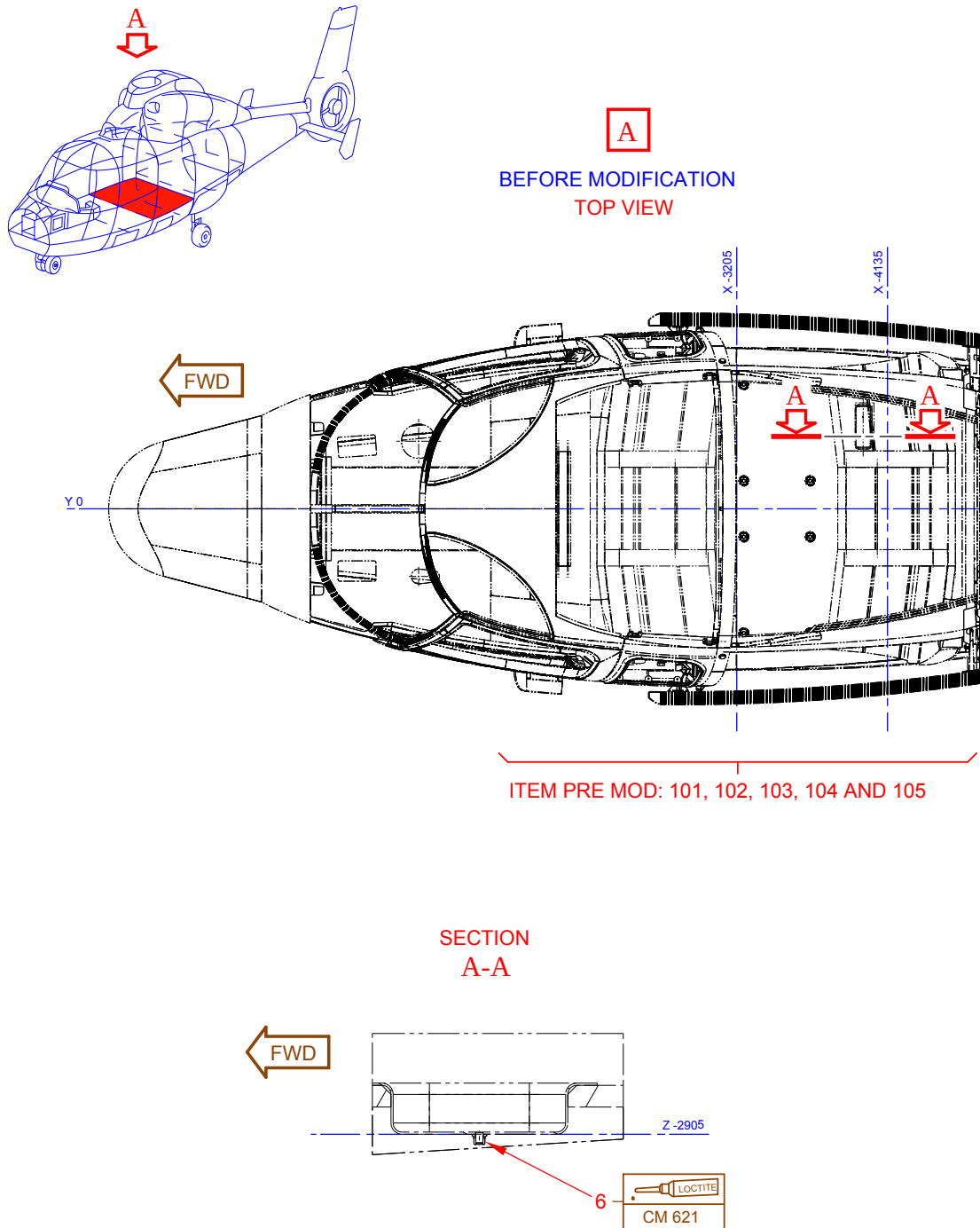


Figure 1

4.2. Procedure to install of the fire extinguisher and the bracket for S/N 6575, S/N 6594 and S/N6600. ([Figure 2](#))

4.2.1. Remove the right drawer from the front seat .

4.2.2. Drill two holes in the drawer, refer to Detail C of ([Figure 2](#))

4.2.3. Install the HAND FIRE EXTINGUISHER BRACKET P3APP003020J (2), refer to Details D and E of ([Figure 2](#)) with:

- SCREW SIX LOBE RECESS ECS2365TK05S14X (3).
- WASHER 23116TK050X (4).
- Locking compound CM 621.
- SELF-LOCKING HEX NUT ASN52320BH050N (5).
- Apply torque in accordance with detail E of ([Figure 2](#)) .

4.2.4. Weigh the HAND FIRE-EXTINGUISHER BOTTLE P3APP003010D (1) , refer to Weighing of the cabin fire extinguisher POST MOD 0726B32 - Cabin Fire Extinguishing System [MET 26-22-00-605](#).

4.2.5. Install the HAND FIRE-EXTINGUISHER BOTTLE P3APP003010D (1) on the HAND FIRE EXTINGUISHER BRACKET P3APP003020J (2) and close the attachment clamp of bracket.

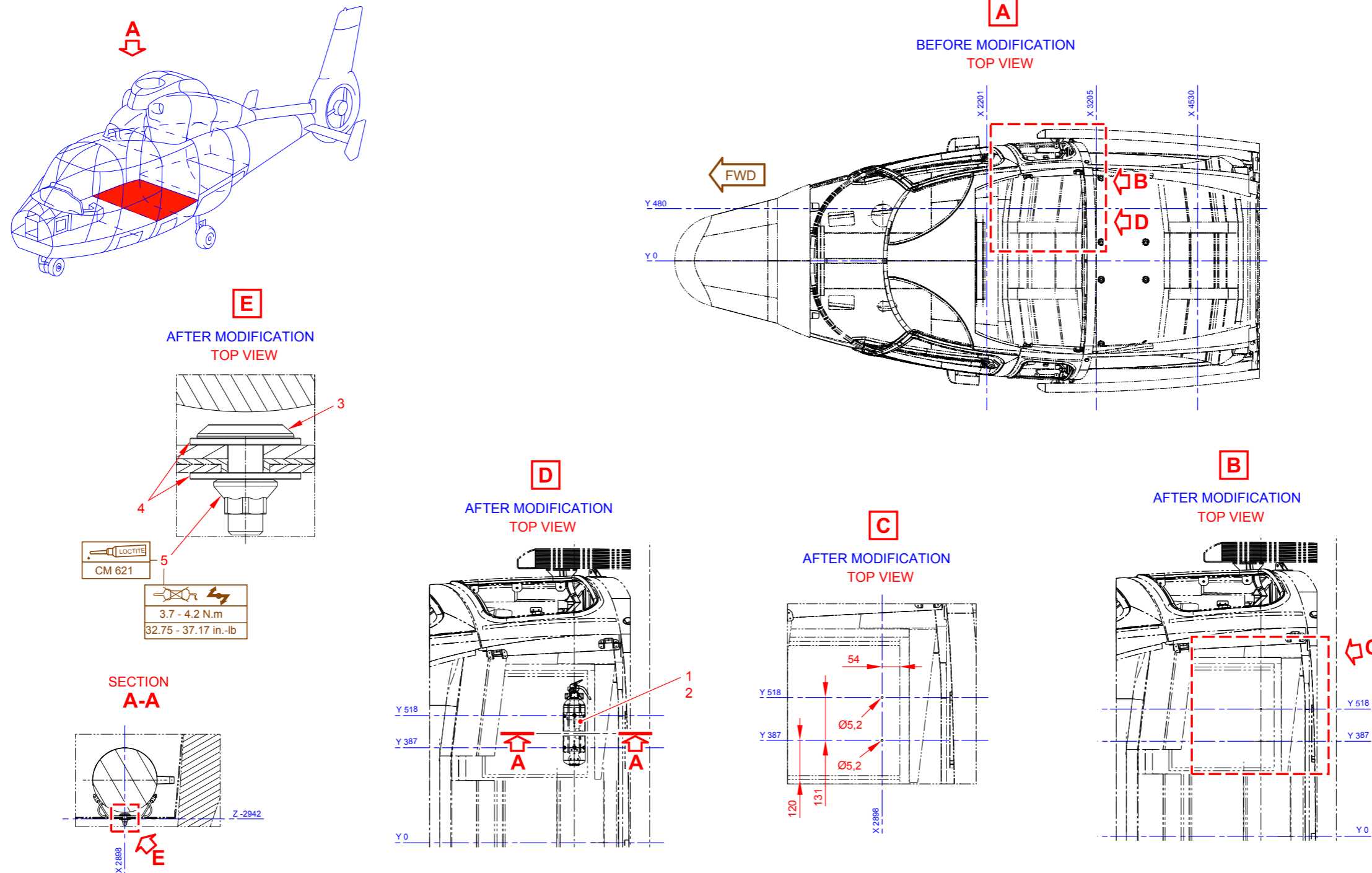


Figure 2

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4.3. Procedure to move the label "FIRE EXTINGUISHER" (Figure 3)

- 4.3.1. Remove the label "FIRE EXTINGUISHER" (107) of the right drawer from the rear seat, refer to Application of Marking Media and Decorations - Paint and Primer Application Procedure [MTC 20-04-07-401](#)
- 4.3.2. Stick the "FIRE EXTINGUISHER" label LABEL "FIRE EXTINGUISHER" 365V87-4036-40 (7) on the right drawer of the front seat, refer to Detail F of (Figure 3).
- 4.3.3. Install the right drawer from the front seat .

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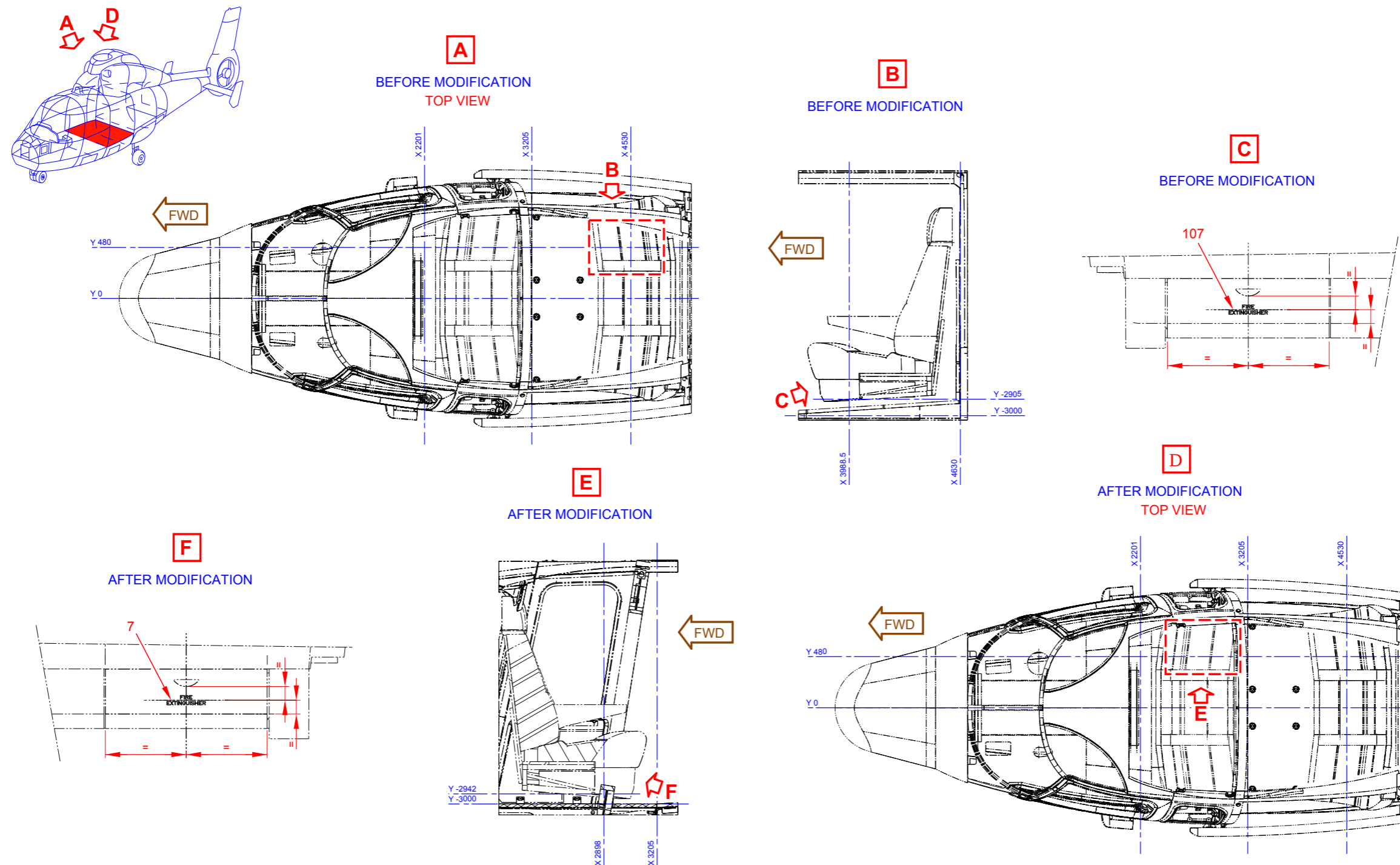


Figure 3

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5. CLOSE UP

- 5.1. Clean and apply the close-up procedure to the work areas and the helicopter.
[MTC 20-07-03-408](#)
- 5.2. After you complete the work, record the new weight and moment in your applicable document.
- 5.3. Record compliance with the ASB EC155-26-25-0003 in the helicopter documents.
- 5.4. Record compliance with this MC26B41, in the Log Card. Refer to Drafting and updating the log card (FM) - General rules applicable to aircraft MTC 20-08-
- 5.5. Record compliance with this Service Bulletin (see IN 3785-I-00 for instructions):
QR code or hypertext link



[SB AS365-26-25-0003](#)

End of service bulletin