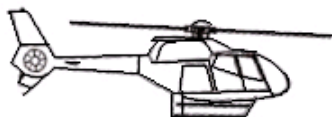


No. EC120-25-032

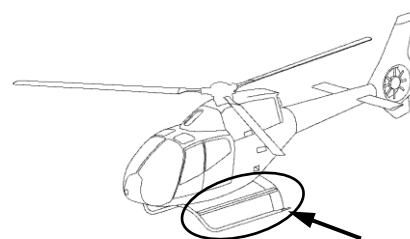
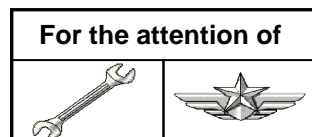
Civil version(s): B



SERVICE BULLETIN

EQUIPMENT AND FURNISHINGS

Emergency floatation gear - Installation of Emergency Floatation Gear (Removable Parts)



Revision No.	Date of issue
Revision 0	2023-08-31

Summary:

The purpose of this Service Bulletin is to install the Removable Parts (RP) of the Emergency Floatation Gear.

Compliance:

It is the operator's decision to comply or not to comply with this Service Bulletin.

No. EC120-25-032

1. PLANNING INFORMATION



CAUTION

MAKE SURE THAT THE MODIFICATIONS RELATED TO THIS SERVICE BULLETIN AGREE WITH THE HELICOPTER CONFIGURATION AT THIS TIME. IF THE MODIFICATIONS DO NOT AGREE WITH THE HELICOPTER CONFIGURATION:

- PREPARE THE NECESSARY ADAPTATION WORK.
- GET THE APPROVAL BY THE APPLICABLE LOCAL AIR TRANSPORT AUTHORITIES.
- COMPLY WITH THE AIRWORTHINESS REQUIREMENTS.

THIS SERVICE BULLETIN IS WRITTEN FOR THE INITIAL HELICOPTER CONFIGURATION SPECIFIED IN THE INDIVIDUAL INSPECTION LOG BOOK. IT INCLUDES ONLY THE POST-DELIVERY CONFIGURATION CHANGES THAT ARE KNOWN AND APPROVED BY AIRBUS HELICOPTERS.

1.A. EFFECTIVITY

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

Helicopters equipped with the fixed parts of the Emergency Floatation Gear installed through the Service Bulletin No. EC120-25-001 Revision 2.

NOTE

You can identify the modification status of the helicopter in the Section of modifications embodied in the helicopter in the Individual Inspection Log Book.

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

Not applicable.

No. EC120-25-032

1.B. ASSOCIATED REQUIREMENTS



CAUTION

THIS SERVICE BULLETIN INSTALLS THE RP OF THE EMERGENCY FLOATATION GEAR. BEFORE YOU COMPLY WITH THIS SERVICE BULLETIN, MAKE SURE THAT THERE WAS NO ALERT SERVICE BULLETIN RELATED TO THIS INSTALLATION. IF THERE IS SUCH AN ALERT SERVICE BULLETIN, MAKE SURE THAT IT IS NOT ISSUED BETWEEN THESE DATES:

- THE DATE OF APPROVAL OF THIS SERVICE BULLETIN
- THE TIME YOU DO THE WORK (GIVEN IN THIS SERVICE BULLETIN) ON THE HELICOPTER.



CAUTION

BEFORE THE NEXT FLIGHT, MAKE SURE THAT THE APPLICABLE MANUALS ARE AT THE LATEST UPDATE. MAKE SURE THAT THESE UPDATED MANUALS ARE APPROVED BY THE APPLICABLE AUTHORITIES OR THROUGH A DELIVERY NOTE. THE APPLICABLE MANUALS INCLUDE:

- FLIGHT MANUAL (FLM)
- MASTER SERVICING MANUAL (MSM).

REFER TO PARAGRAPH [3.D.](#)

1.C. REASON

The purpose of this Service Bulletin is to install the Removable Parts (RP) of the Emergency Floatation Gear.

1.D. DESCRIPTION

This Service Bulletin includes the installation of the Removable Parts (RP) of the Emergency Floatation Gear.

1.E. COMPLIANCE

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

Not applicable.

No. EC120-25-032

1.E.2. Compliance in service

Helicopters/installed equipment or parts:

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

Comply with paragraph [3.B.](#)

Non-installed equipment or parts:

It is the operator who makes the decision on the level of stock related to the compliance with this Service Bulletin.

1.F. 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.

1.G. MANPOWER



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

Qualifications:

- 1 Airframe Technician
- 1 Electrical Technician.



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

Estimated Man-hours:

- 3 hours for the Airframe Technician
- 1 hours for the Electrical Technician.



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

The estimate of the helicopter downtime is an half day.

1.H. WEIGHT AND BALANCE



After you complete the work, do a helicopter weighing. Refer to Task 08-00-00-6,1 (AMM).

Weight of LH float Reference 215674-3: 17.170 kg

Moments of float /y: -23.14 m.kg
 /x: 69.09 m.kg

Weight of RH float Reference 215675-3: 16.820 kg

Moments of float /y: 22.67 m.kg
 /x: 67.68 m.kg

No. EC120-25-032

The weights and moments below are only for information, in order to know the moment of the various possible old configurations (the present Service Bulletin allows to install the latest references):

Weight of cylinder Reference 215494-1: 9.79 kg

Moments of cylinder /y: 4.7 m.kg
/x: 32.06 m.kg

Weight of LH float Reference 215674-0: 19.330 kg

Moments of float /y: -26.06 m.kg
/x: 77.78 m.kg

Weight of LH float Reference 215674-1: 19.330 kg

Moments of float /y: -26.06 m.kg
/x: 77.78 m.kg

Moments of float Reference 215674-2: 17.170 kg

/y: -23.14 m.kg
/x: 69.09 m.kg

Weight of RH float Reference 215675-0: 19.138 kg

Moments of float /y: 19.14 m.kg
/x: 77 m.kg

Weight of RH float Reference 215675-1: 19.138 kg

Moments of float /y: 19.14 m.kg
/x: 77 m.kg

Weight of RH float Reference 215675-2: 16.820 kg

Moments of float /y: 22.67 m.kg
/x: 67.68 m.kg

After you complete the work, record the new weights and moments in your applicable document.

1.I. POWER CONSUMPTION

Not changed.

1.J. SOFTWARE UPGRADES/UPDATES

Not applicable.

1.K. REFERENCES

Aircraft Maintenance Manual

AMM: 08-00-00,6-1: Leveling, Weighing and CG Calculation - Helicopter without 9 ballast plates in the fenestron

AMM: 25-67-00,3-1: General Safety Instructions - Emergency Floatation Gear

AMM: 25-67-00,4-1: Removal / Installation - Emergency Floatation Gear

AMM: 25-67-00,5-1: Functional Tests - Emergency Floatation Gear

AMM: 25-67-00,5-2: Functional tests - Emergency floatation caps

No. EC120-25-032

Standard Practices Manual

MTC: 20-02-05-404: Assembly by screws and nuts - Joining
MTC: 20-02-06-401: Safelying plain pins - Safelying and locking assemblies
MTC: 20-04-01-401: Cleaning of mechanical parts - Cleaning
MTC: 20-04-01-403: Cleaning helicopters - Cleaning
MTC: 20-07-02-201: Helicopter parked in a repair shop - Safety instructions
MTC: 20-07-03-408: Appearance checks on an aircraft after inspection or repair - Technical instructions
MTC: 20-08-05-101: Drafting and updating the log card (FM) - General rules applicable to aircraft
MTC: 20-80-20-107: Identification of electrical systems - Standard Practices - Electrical Power
MTC: 20-80-20-408: Method for crimping of electrical contacts for a connector - Standard Practices - Electrical Power
MTC: 20-80-20-441: Installation of electrical cable bundles and optical fibres - Standard Practices - Electrical Power

Information Notice

IN: 3481-I-00: The Marketplace: an AirbusWorld eOrdering service
IN: 3785-I-00: Introduction of the digital Service Bulletin reporting service SB Insight

Safety Promotion Notice

SPN: 3703-P-00: Foreign Object Damage prevention

1.L. OTHER AFFECTED PUBLICATIONS



CAUTION

TO COMPLY WITH THIS SERVICE BULLETIN, THE OPERATOR MUST MAKE SURE THAT ALL THE MAINTENANCE DOCUMENTS NECESSARY FOR THE MAINTENANCE OF THIS INSTALLATION ARE AVAILABLE. IF THEY ARE NOT AVAILABLE, THE OPERATOR MUST CONTACT AIRBUS HELICOPTERS TO GET THESE DOCUMENTS.

The manuals shown below are updated with the modifications:

- Flight Manual (PMV)
- Master Servicing Manual (MSM)
- Aircraft Maintenance Manual (AMM)
- Illustrated Parts Catalog (IPC).

You will receive the documents to which you subscribe.

1.M. PART INTERCHANGEABILITY OR MIXABILITY

Not applicable.

No. EC120-25-032

2. EQUIPMENT OR PARTS INFORMATION

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

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.

Availability

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

Procurement

Send an order for the necessary quantities to the Airbus Helicopters Network Sales and Customer Relations Department:

Airbus Helicopters
Etablissement de Marignane
Direction Ventes et Relations Client
13725 MARIGNANE CEDEX
FRANCE

In the purchase order, write the information that follows:

- The mode of transport
- The destination
- The serial numbers of the helicopters to change.

2.B. LOGISTIC INFORMATION

Not applicable.

No. EC120-25-032

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

Kits to be ordered for one helicopter or one assembly:

Key Word	Qty	New Reference	Item	Former Reference →	Instruction
<u>Floataction Emergency Assy (RP) kit included</u>		<u>C256A720100071</u>			
Emerg.Float, Left	1	215674-3 (7050A4256020)	1		
Emerg.Float, Right	1	215675-3 (7050A4256021)	2		
Bottle 18L	1	215494-1 (7050A4256009)	3		
Attachment clamp	12	ASNA0021-25G76	5		
Screw	12	22271BC050014L	6		
Washer	24	23111AG050LE	7		
Bolt	12	ASN52320BH050N	8		
Clamp	2	332A84-1180-00	9		
Strip	2	C321A2510201	10		

Equipment or parts to order independently:

Key Word	Qty	New Reference	Item	Former Reference →	Instruction
Clamp	16	IG4006-4913	4		
Black spiral tape	AR	84904T125	13		

Consumables to be ordered separately:

Refer to Work Cards mentioned in this Service Bulletin and the list below:

Key Word	Qty	Product Reference	CM	Item
Adhesive	1 m2	DHN1-019-0332	650	11
Adhesive tape	1 m2	DHS211-225.01	6356	12

You can order the consumables from the AirbusWorld Marketplace through e-ordering (IN 3481-I-00). If you can't get access to e-ordering, please contact your Logistic Focal Point.

2.D. EQUIPMENT OR PARTS TO BE RETURNED

Not applicable.

No. EC120-25-032

3. ACCOMPLISHMENT INSTRUCTIONS

3.A. GENERAL

- Comply with the General Safety Instructions of the Emergency Floatation Gear. Refer to Task 25-67-00,3-1 (AMM).
- Comply with the safetying and locking assemblies. Refer to Work Card 20-02-06-401 (MTC)
- Comply with the cleaning of mechanical parts. Refer to Work Card 20-04-01-401 (MTC).
- Comply with the cleaning of cleaning helicopters. Refer to Work Card 20-04-01-403 (MTC).
- Comply with the safety instructions of helicopter parked in a repair shop. Refer to Work Card 20-07-02-201 (MTC).
- Comply with the standard practices of identification of electrical systems. Refer to Work Card 20-80-20-107 (MTC).
- Comply with the standard practices of method for crimping of electrical contacts for a connector. Refer to Work Card 20-80-20-408 (MTC).
- Comply with the standard practices of Installation of electrical cable bundles and optical fibres. Refer to Work Card 20-80-20-441 (MTC).

Unless specified differently, torque the screws to the standard value. Refer to Work Card 20-02-05-404 (MTC).

3.B. WORK STEPS



CAUTION

MAKE SURE THAT YOU PREVENT ALL POSSIBLE FOREIGN OBJECT DAMAGE (FOD). REFER TO SAFETY PROMOTION NOTICE (SPN) No. 3703-P-00.

3.B.1. Preliminary steps

- Park the helicopter in a maintenance workshop.
- Install the appropriate access equipment.
- Disconnect all the electrical power supplies.

3.B.2. Procedure

Install through the Task 25-67-00,4-1 (AMM) ([Figure 1](#)):

- . The left emergency floatation (1)
- . The right emergency floatation (2)
- . The bottle (3)
- . The clamps (4) and (9)
- . The attachment clamp (5)
- . The screws (6)
- . The washers (7)
- . The bolts (8)
- . The strips (10)
- . The adhesives (11) and 12)
- . The spiral tape (13) (not shown).

NOTE 1

The areas to be protected by the spiral tape (13) are determined as required.

No. EC120-25-032

3.B.3. Tests

- Set the helicopter to test conditions.
- Connect all the electrical power supplies.
- Energize the helicopter electrical power systems.
- Do the test of the emergency floatation gear. Refer to Task 25-67-00,5-1 (AMM).
- Do the test of the emergency floatation caps. Refer to Task 25-67-00,5-2 (AMM).
- De-energize the helicopter electrical power systems.
- Remove all the tools, the materials and the equipment from the work area.

3.B.4. Final steps

- Clean and recondition work zones and helicopter. Refer to Work Card 20-07-03-408 (MTC).
- Remove the access equipment.
- Set helicopter into flight condition.

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.
- In the related Log Cards, refer to Work Card 20-08-05-101 (MTC) and record the installation of the equipment items that follow:
 - . Emerg.Float, Left reference 215674-3 (7050A4256020)
 - . Emerg.Float, Right reference 215675-3 (7050A4256021)
 - . Bottle reference 215494-1 (7050A4256009).
- Record compliance with this Service Bulletin (see IN 3785-I-00 for instructions):
QR-Code or hypertext link



NOTE 2

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

[SB EC120-25-032](#)

3.D. OPERATING AND MAINTENANCE INSTRUCTIONS

Operating instructions:

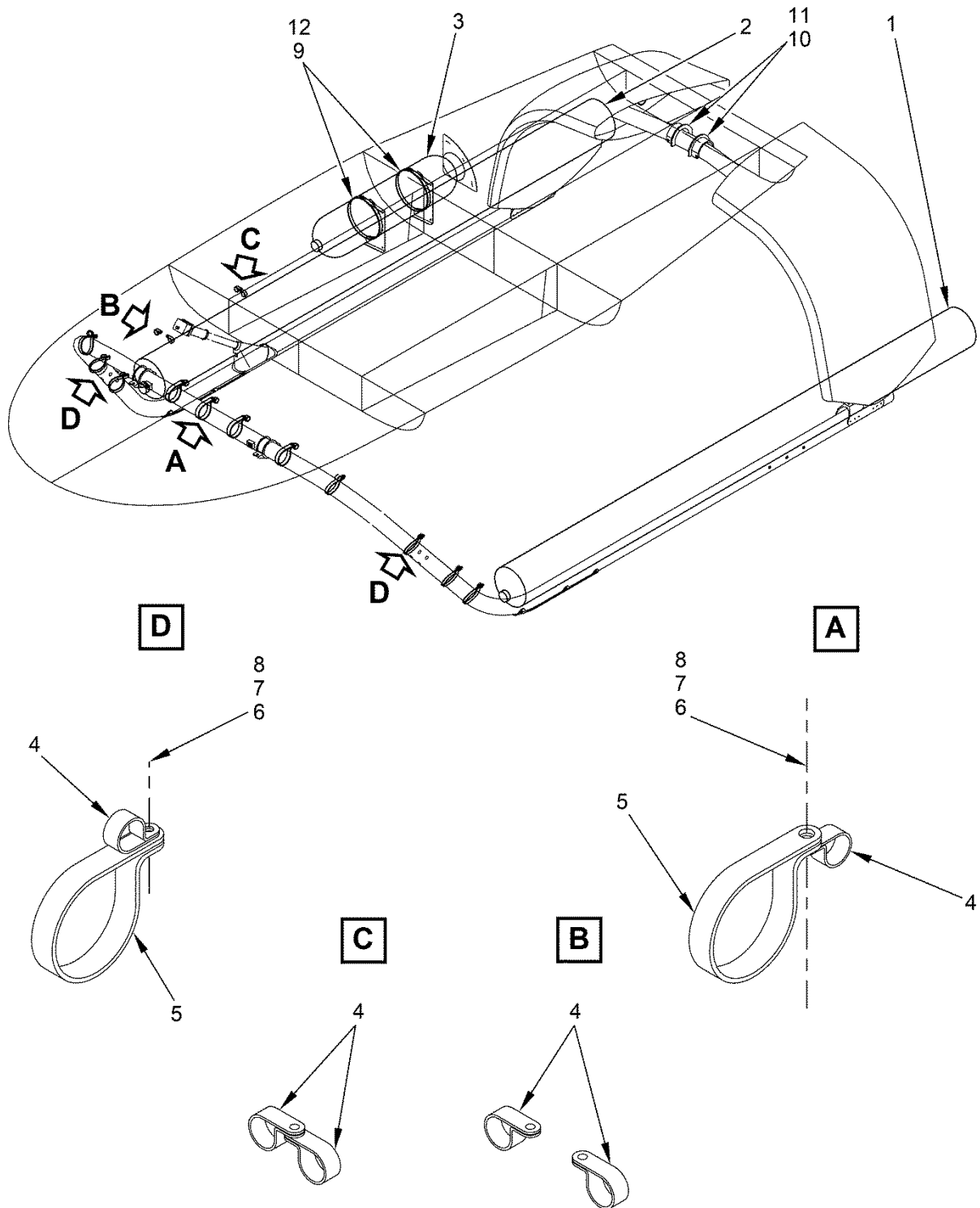
Refer to Flight Manual (FLM).

Maintenance instructions:

Refer to the Master Servicing Manual (MSM).

Refer to the Aircraft Maintenance Manual (AMM).

No. EC120-25-032



Back to paragraph [3.B.2.](#)

Figure 1