
SERVICE BULLETIN

N° **139-777**

ALERT

DATE: May 23, 2024

REV. : /

TITLE

ATA 95 - EMERGENCY FLOTATION CONTROL PANEL REPLACEMENT

REVISION LOG

First Issue

1. PLANNING INFORMATION

A. EFFECTIVITY

All AB/AW139 equipped with emergency flotation control panel P/N 3G9560V00552 or P/N 3G9560V00553.

B. COMPLIANCE

Within and not later than 1200 flight hours or 2 years whichever occurs first after the issue of this Service Bulletin.

C. CONCURRENT REQUIREMENTS

N.A.

D. REASON

Few cases of inadvertent float deployment have been recorded on AW139 fleet due to unintentional activation of float system on Pilot or Copilot collective grip.

This Service Bulletin is issued in order to prescribe the replacement of the emergency floats control panel to introduce the newer version, which is able to detect possible failures not only of the inflation system but also of the float switches and the float pushbuttons during pre-flight checks and in flight as well.

E. DESCRIPTION

This Service Bulletin prescribes the replacement, in accordance with AMP procedures, of the emergency floats control panel P/N 3G9560V00552 (NVG) or P/N 3G9560V00553, depending on the helicopter configuration, with the new control panels P/N 3G9560V00559 (NVG) or P/N 3G9560V00558 respectively.

F. APPROVAL

The technical content of this Service Bulletin is approved under the authority of DOA nr. EASA.21.J.005. For helicopters registered under other Aviation Authorities, before applying the Service Bulletin, applicable Aviation Authority approval must be checked within Leonardo Helicopters customer portal.

EASA states mandatory compliance with inspections, modifications or technical directives and related time of compliance by means of relevant Airworthiness Directives.

If an aircraft listed in the effectivity embodies a modification or repair not LH certified and affecting the content of this Service Bulletin, it is responsibility of the Owner/Operator to obtain a formal approval by Aviation Authority having jurisdiction on

the aircraft, for any adaptation necessary before incorporation of the present Service Bulletin.

G. MANPOWER

To comply with this Service Bulletin, approximately eight (8) MMH are deemed necessary.

MMH are based on hands-on time and can change with helicopter configuration, personnel and facilities available. MMH are not comprehensive of the overall hours necessary to get access to work areas and to remove all the equipment that interferes with the application of the prescribed instructions.

H. WEIGHT AND BALANCE

N.A.

I. REFERENCES

I.1 PUBLICATIONS

Following Data Modules refer to AMP:

<u>DATA MODULE</u>	<u>DESCRIPTION</u>	<u>PART</u>
DM01 39-A-00-20-00-00A-120A-A	Helicopter safety - Pre-operation	-
DM02 39-A-06-41-00-00A-010A-A	Access doors and panels - General data	-
DM03 39-A-95-61-07-00A-520A-K	Emergency flotation control panel - Remove procedure	-
DM04 39-A-95-61-07-00A-720A-K	Emergency flotation control panel - Install procedure	-
DM05 39-B-95-61-07-00A-520A-K	Emergency flotation control panel - Remove procedure	-
DM06 39-B-95-61-07-00A-720A-K	Emergency flotation control panel - Install procedure	-
DM07 39-C-95-61-06-00A-520A-K	Emergency flotation control panel - Remove procedure	-
DM08 39-C-95-61-06-00A-720A-K	Emergency flotation control panel - Install procedure	-
DM09 39-A-95-61-00-00A-320C-K	Emergency flotation system - Operation test	-
DM10 39-B-95-61-00-00A-320C-K	Emergency flotation system - Operation test	-
DM11 39-C-95-61-00-00A-320A-K	Emergency flotation system - Operation test	-

I.2 ACRONYMS & ABBREVIATIONS

AMDI	Aircraft Material Data Information
AMP	Aircraft Maintenance Publication
AMPI	Aircraft Maintenance Planning Information
DM	Data Module
DOA	Design Organization Approval
EASA	European Union Aviation Safety Agency
EFS	Emergency Flotation System
FH	Flight Hours
IPD	Illustrated Parts Data Publication
ITEP	Illustrated Tools and Equipment Publication
LH	Leonardo Helicopters
MMH	Maintenance Man Hours
N.A.	Not Applicable
NVG	Night Vision Goggles
P/N	Part Number
S/N	Serial Number
SB	Service Bulletin

I.3 ANNEX

N.A.

J. PUBLICATIONS AFFECTED

N.A.

K. SOFTWARE ACCOMPLISHMENT SUMMARY

N.A.

2. MATERIAL INFORMATION

A. REQUIRED MATERIALS

A.1 PARTS

#	P/N	ALTERNATIVE P/N	DESCRIPTION	Q.TY	LVL	NOTE	LOG P/N
1	3G9560V00558 or 3G9560V00559		Emergency floats control panel	1	.	(1)	

Refer also to IPD for the spare materials required to comply with the AMP DMs referenced in the accomplishment instructions.

A.2 CONSUMABLES

N.A.

A.3 LOGISTIC MATRIX

N.A.

NOTES

- (1) For helicopters in NVG configuration, control panel P/N 3G9560V00559 must be installed.

B. SPECIAL TOOLS

Refer also to ITEP for the special tools required to comply with the AMP DM referenced in the accomplishment instructions.

C. INDUSTRY SUPPORT INFORMATION

Owners/Operators who comply with the instructions of this Service Bulletin no later than the applicable date in the "Compliance" section will be eligible to receive necessary replacements on free of charge basis, except for Special Tools required by AMP DM recalled in this SB.

NOTE: Customers who fail to comply with the instructions in this Service Bulletin before the compliance date are not eligible for the aforementioned special policy.

Please Issue relevant MMIR form to your Warranty Administration Dpt. including the inspection report in Figure 1, completed in every part. A picture of the identification plate of the control panel to be replaced, showing the P/N of the item, could be later required during MMIR evaluation.

If the required documentation is not be provided, MMIR will be rejected.

3. ACCOMPLISHMENT INSTRUCTIONS

GENERAL NOTE

All the electrical connectors must be protected with the applicable caps immediately after their disconnection.

1. In accordance with AMP DM 39-A-00-20-00-00A-120A-A prepare the helicopter on ground for a safe maintenance. Disconnect the battery, all electrical power sources and/or the external power supply.
2. Perform the replacement of the Emergency floats control panel as described in the following procedure:

NOTE

For helicopters in NVG configuration, P/N 3G9560V00552 must be removed.

- 2.1 In accordance with AMP DM 39-A-95-61-07-00A-520A-K or DM 39-B-95-61-07-00A-520A-K or DM 39-C-95-61-06-00A-520A-K, depending on EFS kit installed, remove the emergency floats control panel P/N 3G9560V00553.
- 2.2 Fill in the inspection report in Figure 1 completely.

NOTE

For helicopters in NVG configuration, P/N 3G9560V00559 must be installed.

- 2.3 In accordance with AMP DM 39-A-95-61-07-00A-720A-K or DM 39-B-95-61-07-00A-720A-K or DM 39-C-95-61-06-00A-720A-K, depending on EFS kit installed, install the emergency floats control panel P/N 3G9560V00558.
 - 2.4 In accordance with AMP DM 39-A-95-61-00-00A-320C-K or DM 39-B-95-61-00-00A-320C-K or DM 39-C-95-61-00-00A-320A-K, depending on EFS kit installed, perform the operational check of the emergency flotation system.
3. Return the helicopter to flight configuration and record for compliance with this Service Bulletin on the helicopter logbook.
 4. Gain access to My Communications section on Leonardo WebPortal and compile the "Service Bulletin Application Communication".

As an alternative, send the attached compliance form to the following mail box:

engineering.support.lhd@leonardo.com

and (for North, Central and South America) also to:

AWPC.Engineering.Support@leonardocompany.us

SB 139-777 Rev. / – Inspection Report

Date		
Helicopter S/N		
Flight hours		
Customer		
Installed emergency floats control panel	P/N	S/N
Required emergency floats control panel	P/N 3G9560V00558	P/N 3G9560V00559
	<input type="checkbox"/>	<input type="checkbox"/>
Notes:		

Figure 1

Please send to the following address: LEONARDO S.p.A. CUSTOMER SUPPORT & SERVICES - ITALY PRODUCT SUPPORT ENGINEERING & LICENSES DEPT. Via Giovanni Agusta, 520 21017 Cascina Costa di Samarate (VA) - ITALY Tel.: +39 0331 225036 Fax: +39 0331 225988	SERVICE BULLETIN COMPLIANCE FORM	Date:
Number:		
Revision:		

Customer Name and Address:	Telephone:
	Fax:
	B.T. Compliance Date:

Helicopter Model	S/N	Total Number	Total Hours	T.S.O.

Remarks:

Information:

We request your cooperation in filling this form, in order to keep out statistical data relevant to aircraft configuration up-to-date. The form should be filled in all its parts and sent to the above address or you can communicate the application also via Technical Bulletin Application Communication Section placed in Leonardo AW Customer Portal - MyCommunications Area. We thank you beforehand for the information given.