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AgustaWestland Products

SERVICE BULLETIN

N° **139-734**

ALERT

DATE: April 13, 2023

REV. : /

TITLE

ATA 25 – LIFE RAFT INFLATION SYSTEM REPLACEMENT

REVISION LOG

First Issue.

An appropriate entry should be made in the aircraft log book upon accomplishment.
If ownership of aircraft has changed, please, forward to new owner.

E. DESCRIPTION

As a consequence of an in-service event where the valve of a spare inflation system was broken during shipment, due to inappropriate packaging by the Supplier, this Service Bulletin prescribes the replacement of the inflation system belonging to a specific batch of S/Ns which have been shipped as spares in the same conditions.

It is required a log card inspection in order to identify the affected S/N.

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 LHD 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 4 (four) MMH are deemed necessary.

MMH are based on hands-on time and can change with personnel and facilities available.

H. WEIGHT AND BALANCE

N.A.

I. REFERENCES

1) PUBLICATIONS

<u>DOCUMENT</u>	<u>DESCRIPTION</u>	<u>PART</u>
SB-139-25-005	Aero Sekur Service Bulletin	-
SB 25-225-A	Survitec RFD Service Bulletin	-

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 on ground for a safe maintenance.	-

2. MATERIAL INFORMATION

A. REQUIRED MATERIALS

1) PARTS

#	P/N	ALTERNATIVE P/N	DESCRIPTION	Q.TY	LVL	NOTE	LOG P/N
1	202402A	45521002	Right Inflation System	AR	.	(1) (2)	-
2	202256A	45521003	Left Inflation System	AR	.	(1) (2)	-

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

2) CONSUMABLES

Refer also to AMDI for the consumable materials required to comply with the AMP DM referenced in the accomplishment instructions.

3) LOGISTIC MATRIX

N.A.

NOTE

- (1) The quantity of the inflation systems depends on the results of the log card check.
- (2) If the check of the S/Ns on the log card requires a new inflation system, order P/N 202402A or P/N 202256A in accordance with the P/N of the inflation system affected.

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

To receive replacement component and tool in support of this Service Bulletin, the Customer should e-mail a request to product-support@sekur.aero or to Leonardo Helicopters (LH) depending on contractual requirements. The request should refer to Service Bulletin 139-734, with instructions on the location where the replacement has to be shipped adding relative Log Card with evidence of the S/N of the component installed or in stock. In case of this documentation is missing the request could be rejected.

Aero Sekur or LH will provide information with return address with shipping instructions. Moreover, an RMA for the component being replaced will be issue. Shipping costs will be FOC for customers.

3. ACCOMPLISHMENT INSTRUCTIONS

GENERAL NOTE

- a) Place an identification tag on all components that are re-usable, including the attaching hardware that has been removed to gain access to the modification area and adequately protect them until their later re-use.
- b) For the physical identification of cylinder and valve S/Ns refer also to Figure 4.

NOTE

Skip the following step for components kept in stock.

- 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. If the S/N of the inflation system is included in the lists of Figures 1 and 2 replace the inflation system in accordance to the following procedure:

NOTE

Skip the following step for components kept in stock.

- 2.1 In accordance with AMP DM 39-A-25-62-03-00A-520A-K or AMP DM 39-C-25-62-04-00A-520A-K or AMP DM 39-A-25-62-04-00A-520A-K or AMP DM 39-C-25-62-03-00A-520A-K, as applicable, remove the life raft from the helicopter.
- 2.2 In accordance with the applicable steps of AMP DM 39-A-25-62-07-02A-91LA-K remove the affected inflation system and send it back to Aero Sekur, or to Leonardo Helicopters (LH) depending on contractual requirements, in order to receive a serviceable inflation system.
- 2.3 In accordance with the applicable steps of AMP DM 39-A-25-62-07-02A-91LA-K install a serviceable inflation system on the life raft.

NOTE

Skip the following step for components kept in stock.

- 2.4 In accordance with AMP DM 39-A-25-62-03-00A-720A-K or AMP DM 39-C-25-62-04-00A-720A-K or AMP DM 39-A-25-62-04-00A-720A-K or AMP DM 39-C-25-62-03-00A-720A-K, as applicable, reinstall the life raft on the helicopter.

Cylinder serial number	Valve serial number
OL44026	23089
OL44023	23072
OL44027	23068
OL44012	23067
OL44137	23066
OL44115	26093
OL44111	22110
OL44102	23033
OL44106	23031
OL44107	22172
OL44084	22107
OL44089	23063
OL44128	23335
OL44129	23334
OL44268	24139
OL44286	24239
OL44365	24235
OL44339	24270
OL44349	24271
OL44361	24273
OL44357	24243
OL44352	24275
OL44368	24363
OL44383	24277
OL44319	24362
OL44416	24364
OL44481	24423

Cylinder serial number	Valve serial number
OL44368	24363
OL44466	24420
OL44487	24424
OL44463	24457
OL44473	24459
OL44471	24458
OL44480	24461
OL44450	24422
OL44550	25113
OL44551	25110
OL44552	25111
OL44553	25112
OL44519	25128
OL44462	24460
OL44573	25145
OL44596	25141
OL44455	25126
OL44609	25150
OL44573	25145
OL44563	25142
OL44567	25160
OL44590	25159
OL44597	25157
OL44612	25158
OL44631	25161
OL44624	25234

P/N 202256A (RFD P/N 45521003)



Figure 1

INFLATABLE LIFERAFT
TYPE
PART No.
DATE OF MFR.
RATED CAPACITY PERS
OVERLOAD CAPACITY PERS.
SERIAL No
STOWAGE TYPE
TOTAL WEIGHT
INSPECTED
NEXT SERVICE DUE
CAA APPROVAL E
FAA TSO C70a TYPE
FAR PART
EL T/BEACON YES/NO
RFD LTD.
DUNMURRY, BELFAST
N. IRELAND
VALISE P.N.
ASB 25-225-A VER.1 APPLIED



VALVE P/N

Figure 3

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: <div style="text-align: center; margin-top: 20px;"> <p>N/A</p>   </div>				
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.				