

1. Approving competent Authority / Country

**Luftfahrt-Bundesamt/
Germany**

2.

AUTHORISED RELEASE CERTIFICATE EASA FORM 1

3. Form Tracking Number



2101280497

4. Organisation Name and Address

D9893 LIEBHERR

LIEBHERR-AEROSPACE LINDENBERG GmbH • Pfaenderstr. 50-52 - 88161 • Lindenberg • Germany • Phone: +49 (0) (8381) 46-0 • Fax: +49 (0) (8381) 46 4377

5. Work Order / Contract / Invoice

19509

6. Item

7. Description

8. Part No

9. Qty.

10. Serial No

11. Status / Work

1

BYPASS VALVE

1312B0000-02

1

1312B00L1000955

Modified

12. Remarks

Approved Data: 21-52-19 / Rev. 07 / 10.12.2020

SFR No.: 19509 Rev. 1

DMF: 032002

Maintenance Documents:

1312B-21-02 Rev 00 24.09.2013

"The work identified in Block 11 and described here has been accomplished in accordance with 14 CFR part 43 and in respect to the work, the items are approved for return to service under certificate no. LA7Y195J."

13a. Certifies that the items identified above were manufactured in conformity to:

☐ approved design data and are in a condition for safe operation.

☐ non approved design data specified in block 12.

14a.

☒ Part-145.A.50 Release to Service

☒ Other regulation specified in block 12

Certifies that unless otherwise specified in block 12, the work identified in block 11 and described in block 12 was accomplished in accordance with Part-145 and in respect to that work the items are considered ready for release to service.

13b. Authorised Signature

13c. Approval / Authorisation Number

14b. Authorised Signature

14c. Certificate / Approval Ref. No

DIRK METZNER
CERTIFYING INSPECTOR (11)

Electronic Signature on File

DE.145.0034

13d. Name

13e. Date (dd mmm yyyy)

14d. Name

14e. Date (dd mmm yyyy)

Dirk Metzner

07. Jun. 2021

User / Installer Responsibilities

This certificate does not automatically constitute authority to install the item(s).

Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1.

Statements in blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

SHOP FINDING REPORT

LIEBHERR REPAIR DOSSIER:	19509	CONTACT:	ccca3 lli
RECEPTION DATE:	26 MAY 2021	EMAIL:	ccca3.lli@liebherr.com
CUSTOMER PURCHASE ORDER:	R383333	DATE:	07 JUNE 2021
OPERATOR:	Aeronautica Militare Cameri		
AIRCRAFT TYPE:	A319		
AIRCRAFT REG. NUMBER:	MM62209		
AIRCRAFT SERIAL NUMBER:	N/A		
ADD. CUSTOMER DOCUMENTS:	N/A		

RECEIVED UNIT

CUSTOMER REFERENCE:	1312B0000-01
PART NUMBER:	1312B0000-01
AMENDMENT:	-
SERIAL NUMBER:	1312B00LI000955
DESCRIPTION:	BYPASS VALVE
CONCESSION:	N/A
MANUFACTURING CODE :	F1958
MANUFACTURING DATE :	032002

DELIVERED UNIT

CUSTOMER REFERENCE:	1312B0000-02
PART NUMBER:	1312B0000-02
AMENDMENT:	-
SERIAL NUMBER:	1312B00LI000955
DESCRIPTION:	BYPASS VALVE
CONCESSION:	N/A

TIMES & CYCLES

TSN	TSO	TSI	CSN	CSO	CSI
N/A	N/A	N/A	N/A	N/A	N/A

INSTALLATION DATE:	N/A	REMOVAL DATE:	27 APR 2021
LOG CARD EXISTING:	No	LOG CARD (Copy/Orig.):	No
LIFE LIMITED PARTS EXISTING:	No	NON INCIDENT STATEM.:	No

MAINTENANCE DOSSIER:	1312* / VERSION 1 (04 FEB 2021)
APPROVED DATA & MAINTENANCE DOCUMENTS:	CMM 21-52-19 / REVISION 07 / 10 DEC 2020 SB 1312B-21-02 / REVISION 00 / 24 SEPT 2013

TYPE OF CERTIFICATE:	EASA PART 145, FAA PART 145	WORK REQUESTED:	Repair
		WORK PERFORMED:	Modified

REASON FOR RETURN:

does not work

FINDINGS AND ANALYSIS:

Findings from Analysis:

- Unit received in dirty condition.
- Housing flanges scratched
- Actuator defective.
- Running-in test out of tolerance.
- Internal leakage out of tolerance.

Findings on parts:

- ACTUATOR, ELECTRICALLY-MECH 9069B1018-01, Serial no./Batch no. 11231, figure 1, item 010E, Reason for removal: Electronically defect
- SEALING RING 9116A0008-01, Serial no./Batch no. N/A, figure 2, item 090A, Reason for removal: Worn
- SHOULDERED BUSH A027050305-72, Serial no./Batch no. N/A, figure 2, item 120C, Reason for removal: Worn
- BUSH A027050300-62, Serial no./Batch no. N/A, figure 2, item 150C, Reason for removal: Worn

WORK PERFORMED:

- Unit disassembled in accordance with referenced approved data.
- Unit cleaned in accordance with the referenced approved data.
- Unit inspected in accordance with referenced approved data.
- Unit repaired in accordance with the referenced approved data.
- Unit modified in accordance with the referenced approved data.
- Unit tested in accordance with referenced approved data.

Work performed on parts:

- ACTUATOR, ELECTRICALLY-MECH 9069B1018-01, Serial no./Batch no. 11231, Corrective action: Replaced with a maintained unit with Part Number 9069B1018-01 B with Serial Number 24312.
- SEALING RING 9116A0008-01, Serial no./Batch no. N/A, Corrective action: Replaced with a new unit with Part Number 9116A0008-01 with Batch Number 979133.
- SHOULDERED BUSH A027050305-72, Serial no./Batch no. N/A, Corrective action: Replaced with a new unit with Part Number A027050305-72 with Batch Number 10034727.
- BUSH A027050300-62, Serial no./Batch no. N/A, Corrective action: Replaced with a new unit with Part Number A027050300-62.

SUB REPAIR DOSSIERS:

Sub RD	Description	Part Number	SN	Work Performed	Remark
19509.1	ACTUATOR, ELECTRICALLY-MECH	9069B1018-01	11231	Exchanged	Replaced with PN 9069B1018-01 B, SN 24312

LIFE LIMITED PARTS RECEIVED:

N/A

LIFE LIMITED PARTS DELIVERED:

N/A

SHOP FINDING REPORT APPROVED:

VALIDATION DATE: 07 JUNE 2021
VALIDATED BY: Carsten Zoega (electronic signature)