LEONARDO
HELICOPTERS

Packaging Instruction: CA/F.P3.PB.CM.NA

BOLLA DI ENTRATA

DATA EMISSIONE	DATA ORDINE	N.BOLLA
19/08/24	08/05/24	73084146/1

TIPO ORD.	ORDINE N.	ITEM	CODICE MATERIALE	UN.MIS.	Q.TA ORDINATA	CONSEGNA PREV.	ORD.LAVORO	COD.MOVIM.
RBCO	4803198362/CBD	00040	3G3220V00136	N	1,000	09/08/24		101

DESCRIZIONE MATERIALE

NOSE LANDING GEAR, ASSY

S/N: 10338 (T/N:000000000002000260) DMF: 05/2019
BATCH: 0007553215
TOT. HRS: 1238:20 / TSO HRS: N/A
LDGS-CYCLES: 1371 LDGS / TSO LDGS-CYCLES: N/A AW139/31865/F-HSBP

CODICE E INDIRIZZO FORNITORE

21000775

LIEBHERR-AEROSPACE LINDENBERG
POSTFACH 1363
88153 LINDENBERG
GERMANIA

CONTROLLI ORIG.: **TX**
4416694858-10 07.05.2024
R.Q. RDA : TX

SHELF LIFE: 9999

VITA RIM.:

TEMP-/+: **0/ 0**

QTA' RICEVUTA : **N** **1,000**

DOC. SPI:

PRI.ORD.ACQ.:

Flusso G - Materiale Riparato

Mat. con testo di controllo
Materiale gestito a S/N e partita
PN SOGGETTO A LOG CARD
Partita: *** **0007996648** ***

RESP. MRP : **G01 Baroncelli Andrea**
RESP. ACQ. : **CBD Condina Silvia**
NR. BOX :
NR. FABB. : **500237889**
DESTINATARIO :
PUNTO SCARICO :
LINEA PROD. : **39 - Linea A139**
CRITICITA' : **NON CRITICAL PART; SERIALIZED**
REGISTR. PESO, MDR SE NON A DIS. TEL.ACP 2623-2457

UM MAG. : **N** UM ORD. : **N**
F.C. : **1,00000**
QTA : **1,000 N**

FIRMA RICEVIMENTO	FIRMA MAGAZZINO		DATA COLLAUDO 20/8/2024	FIRMA COLLAUDO

IT20 Leonardo Helic. - CS&T
DDT : **SP0272696 DEL: 09/08/24**
LOTTO CONTROLLO : **170000367907**
OPER. RICEZIONE : **E77587 Mario Patrick Grasso**
APPLICABILITA' : **CIVIL** - Civil

MAG. : **IA34 Riparati Dual**
UBIC. :
IMMAG. : **MANCA STRATEGIA DI IMMAGAZZINAMENTO**

BEM20240073084146001

1. Approving competent Authority/Country	2.	3. Form Tracking Number
CAA/UK	**AUTHORISED RELEASE CERTIFICATE** CAA FORM 1	**UK240000403258**

4. Organisation Name and Addres:

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
64197

6. Item	7. Description	8. Part No	9. Qty.	10. Serial No	11. Status/Work
1	NOSE LANDING GEAR ASSEMBLY	3G3220V00136	1	10338	Repaired

12. Remarks

Approved Data: 32-21-03 / Issue 06 / 05.10.2018
SFR No.: 64197 Issue 4
DMF: 052019

General Remarks:
Ref.-P/N: 1660C0000-01
Purchase Order No.:

Periods of times / cycles:
Unit TSN: 1238:20:00
Unit CSN: 1371

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.

- [X] 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
		Tobias Franz CERTIFYING INSPECTOR LLI 137 Electronic Signature on File	**UK.145.01542**
13d. Name	13e. Date	14d. Name	14e. Date (dd mmm yyyy)
		Tobias Franz	**08 Aug 2024**

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.

1. Approving competent Authority / Country

Luftfahrt-Bundesamt/ Germany

2.

AUTHORISED RELEASE CERTIFICATE
EASA FORM 1

3. Form Tracking Number

240000403258

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

64197

6. Item	7. Description	8. Part No	9. Qty.	10. Serial No	11. Status / Work
1	NOSE LANDING GEAR ASSEMBLY	3G3220V00136	1	10338	Repaired

12. Remarks

Approved Data: 32-21-03 / Issue 06 / 05.10.2018
SFR No.: 64197 Issue 4
DMF: 052019

General Remarks:
Ref.-P/N: 1660C0000-01
Purchase Order No.:

Periods of times / cycles:
Unit TSN: 1238:20:00
Unit CSN: 1371

TCCA acceptance number: 898-09

"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
		Tobias Franz CERTIFYING INSPECTOR LLI 137 Electronic Signature on File	DE.145.0034
13d. Name	**13e. Date (dd mmm yyyy)**	**14d. Name**	**14e. Date (dd mmm yyyy)**
		Tobias Franz	**08 Aug 2024**

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.

LIEBHERR

Liebherr Aerospace Lindenberg GmbH * Pfänderstraße 50-52 * 88161 Lindenberg

SHOP FINDING REPORT

LIEBHERR REPAIR DOSSIER:	64197	**CONTACT:**	AirframerCS LLI
RECEPTION DATE:	31 MAY 2024	**EMAIL:**	AirframerCS.LLI@liebherr.com
CUSTOMER PURCHASE ORDER:	4803198362/40	**DATE:**	08 AUG 2024
OPERATOR:	N/A		
AIRCRAFT TYPE:	AW139		
AIRCRAFT REG. NUMBER:	N/A		
AIRCRAFT SERIAL NUMBER:	31865		
ADD. CUSTOMER DOCUMENTS:	N/A		

RECEIVED UNIT

CUSTOMER REFERENCE:	3G3220V00136
PART NUMBER:	1660C0000-01
AMENDMENT:	-
SERIAL NUMBER:	10338
DESCRIPTION:	NOSE LANDING GEAR, ASSY
MANUFACTURING CODE:	D9893
MANUFACTURING DATE:	052019

DELIVERED UNIT

CUSTOMER REFERENCE:	3G3220V00136
PART NUMBER:	1660C0000-01
AMENDMENT:	-
SERIAL NUMBER:	10338
DESCRIPTION:	NOSE LANDING GEAR, ASSY

TIMES & CYCLES

TSN	TSO	TSI	CSN	CSO	CSI
1238:20:00	N/A	N/A	1371	N/A	N/A

INSTALLATION DATE:	N/A	**REMOVAL DATE:**	N/A
LIFE LIMITED PARTS EXISTING:	Yes	**NON INCIDENT STATEM.:**	No
LOG CARD EXISTING:	No	**LOG CARD (Copy/Orig.):**	ORIG.

MAINTENANCE DOSSIER:	1660* / VERSION 2 (19 JUNE 2023)
APPROVED DATA & MAINTENANCE DOCUMENTS:	CMM 32-21-03 / REVISION 06 / 05 OCT 2018

TYPE OF CERTIFICATE:	CAA UK PART 145, FAA PART 145, TCCA PART 145, EASA PART 145	**WORK REQUESTED:**	REPAIR
		WORK PERFORMED:	Repaired

REASON FOR RETURN:

DEFECT AND CAUSE:
FLUID LEAKAGE/OIL STRUT LEAKAGE
WE SEND YOU THE UNIT FOR REPAIR

FINDINGS AND ANALYSIS:

Findings from Analysis:

- Reason for return confirmed
- Foreign piece parts attached
- External condition was visually satisfactory
- Unit received in dirty condition.
- Unit received with paint damages

Findings on parts:

- WHEEL, ASSY 1683T0000-01, Serial no./Batch no. MAR16-02809, Reason for removal: Overhaul
- WHEEL, ASSY 1683T0000-01, Serial no./Batch no. OCT18-03347, Reason for removal: Overhaul
- LOCKING, ASSY 1663A0000-02, Serial no./Batch no. 01689, Reason for removal: Return to manufacturer
- BOLT 1661-0064, Serial no./Batch no. L852, Reason for removal: Back to birth data missing
- EYELET, ASSY 1661A0500-01, Serial no./Batch no. N/A, Reason for removal: Worn
- RING 1661-0007, Serial no./Batch no. N/A, Reason for removal: Corroded
- SEALING, COMPLETE 2000-0010, Serial no./Batch no. N/A, Reason for removal: Worn
- SEALING, COMPLETE 2000-0009, Serial no./Batch no. N/A, Reason for removal: Worn
- BEARING RING RACE
  9018A0072-01, Serial no./Batch no. N/A, Reason for removal: Worn
- CURVED PIECE 1661-0024, Serial no./Batch no. KD1272, Reason for removal: Damaged surface
- CURVED PIECE 1661-0017, Serial no./Batch no. KC70275, Reason for removal: Damaged surface
- VALVE HOUSING 1661-0034, Serial no./Batch no. KD1180, Reason for removal: Damaged surface

WORK PERFORMED:

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

Work performed on parts:

- WHEEL, ASSY 1683T0000-01, Serial no./Batch no. MAR16-02809, Corrective action: Replaced with a new unit with Part Number 1683T0000-01 with Serial Number MAR24-04436.
- WHEEL, ASSY 1683T0000-01, Serial no./Batch no. OCT18-03347, Corrective action: Replaced with a new unit with Part Number 1683T0000-01 with Serial Number MAR24-04437.
- LOCKING, ASSY 1663A0000-02, Serial no./Batch no. 01689, Corrective action: Replaced with a new unit with Part Number 1663A0000-02 with Serial Number 02182.
- BOLT 1661-0064, Serial no./Batch no. L852, Corrective action: Replaced with a new unit with Part Number 1661-0064 with Serial Number L0958.
- EYELET, ASSY 1661A0500-01, Serial no./Batch no. N/A, Corrective action: Replaced with a new unit with Part Number 1661A050(-01.

- RING 1661-0007, Serial no./Batch no. N/A, Corrective action: Replaced with a Part Number 1661-0007 unit in status "New" with Batch Number KD86493A.
- SEALING, COMPLETE 2000-0010, Serial no./Batch no. N/A, Corrective action: Replaced with a Part Number 2000-0010 unit in status "New".
- SEALING, COMPLETE 2000-0009, Serial no./Batch no. N/A, Corrective action: Replaced with a Part Number 2000-0009 unit in status "New".
- BEARING RING RACE
  9018A0072-01, Serial no./Batch no. N/A, Corrective action: Replaced with a Part Number9018A0072-01 unit in status "New".
- CURVED PIECE 1661-0024, Serial no./Batch no. KD1272, Corrective action: Replaced with a new unit with Part Number 1661-0024 with Serial Number KD1899.
- CURVED PIECE 1661-0017, Serial no./Batch no. KC70275, Corrective action: Replaced with a new unit with Part Number 1661-0017 with Serial Number KC70750.
- VALVE HOUSING 1661-0034, Serial no./Batch no. KD1180, Corrective action: Replaced with a new unit with Part Number 1661-0034 with Serial Number KD1635.

LIFE LIMITED PARTS RECEIVED:

Part Number	Description	SN	TSN	TSO	TSI	CSN	CSO	CSI
1660C0000-01	NOSE LANDING GEAR, ASSY	10338	1238:20:00	N/A	N/A	1371	N/A	N/A
1661-0058	BOLT	L288	1238:20:00	N/A	N/A	1371	N/A	N/A
1661-0058	BOLT	L311	1238:20:00	N/A	N/A	1371	N/A	N/A
1661-0064	BOLT	L852	N/A	N/A	N/A	N/A	N/A	N/A
1661A0100-01	LANDING-GEAR HOUSING, ASSY	L1693	1238:20:00	N/A	N/A	1371	N/A	N/A
1661A0300-01	SLIDING ROD, ASSY	L1664	1238:20:00	N/A	N/A	1371	N/A	N/A
1661C0000-01	NOSE LANDING GEAR	10338	1238:20:00	N/A	N/A	1371	N/A	N/A
1663A0000-02	LOCKING, ASSY	01689	1238:20:00	N/A	N/A	1371	N/A	N/A
1683A0000-01	RIM, ASSY	MAR16-02809	1894:15:00	N/A	N/A	1780	N/A	N/A
1683A0000-01	RIM, ASSY	OCT18-03347	576:51:00	N/A	N/A	1852	N/A	N/A

LIFE LIMITED PARTS DELIVERED:

Part Number	Description	SN	TSN	TSO	TSI	CSN	CSO	CSI
1660C0000-01	NOSE LANDING GEAR, ASSY	10338	1238:20:00	N/A	N/A	1371	N/A	N/A
1661-0058	BOLT	L288	1238:20:00	N/A	N/A	1371	N/A	N/A
1661-0058	BOLT	L311	1238:20:00	N/A	N/A	1371	N/A	N/A
1661-0064	BOLT	L0958	0:00:00	N/A	N/A	0	N/A	N/A
1661A0100-01	LANDING-GEAR HOUSING, ASSY	L1693	1238:20:00	N/A	N/A	1371	N/A	N/A
1661A0300-01	SLIDING ROD, ASSY	L1664	1238:20:00	N/A	N/A	1371	N/A	N/A
1661C0000-01	NOSE LANDING GEAR	10338	1238:20:00	N/A	N/A	1371	N/A	N/A
1663A0000-02	LOCKING, ASSY	02182	0:00:00	N/A	N/A	0	N/A	N/A
1683A0000-01	RIM, ASSY	MAR24-04436	0,00	N/A	N/A	0	N/A	N/A
1683A0000-01	RIM, ASSY	MAR24-04437	0,00	N/A	N/A	0	N/A	N/A

SHOP FINDING REPORT APPROVED:

VALIDATION DATE: 08 AUG 2024

VALIDATED BY: Caroline Steckeler (electronic signature)

LIEBHERR
Liebherr-Aerospace Lindenberg GmbH * Pfänderstraße 50-52 * 88161 Lindenberg

Final Repair Test Report

REF. NO: L-1660-RTRE-0001 / Revision 06.13
APPROVED DATA: 32-21-03 / Revision 06 / 05.10.2018
MAINTENANCE DOSSIER: 1660* / Version 2.29

CUSTOMER: 500177 - Leonardo S.p.A.
REPAIR DOSSIER: 64197
OPERATOR: N/A

UNIT DATA

CUSTOMER REFERENCE: 3G3220V00136
AIRCRAFT TYPE: LEONARDO HELICOPTERS / AW139
PART NUMBER: 1660C0000-01
AMENDMENT: -
SERIAL NUMBER: 10338
DESCRIPTION: NOSE LANDING GEAR, ASSY

CONFIDENTIAL LEVEL: ☐ CONFIDENTIAL ☐ SECRET
EXTERNAL DISTRIBUTION: ☒ ALLOWED ☐ NOT ALLOWED

TEST RESULTS

Test Case	Unit	Min	Max	Measure	Result	Tester Name
1.D.(1)(a) Visual Check		O.K.	O.K.	O.K.		Roland Baldauf
1.D.(1)(a) Visual Check Towing Test accordance L-1660-IPR-0001				N/A Not required		Roland Baldauf
1.D.(2)(a) Bolt (4-40) Measure the resistance between the bolt (1-470) and the items that follow:	Ohm	0,00	2,00	1,50		Roland Baldauf
1.D.(2)(a) Shaft wheel axle (4-50) Measure the resistance between the bolt (1-470) and the items that follow:	Ohm	0,00	2,00	1,60		Roland Baldauf
1.D.(2)(a) Bolt (1-650) Measure the resistance between the bolt (1-470) and the items that follow:	Ohm	0,00	2,00	1,50		Roland Baldauf
1.D.(2)(a) Bolt (1-710) Measure the resistance between the bolt (1-470) and the items that follow:	Ohm	0,00	2,00	1,50		Roland Baldauf
1.D.(2)(b) Bushing (3-20) Measure the resistance between the bolt (1-470) and the items that follow:	mOhm	0,00	300,00	4,00		Roland Baldauf
1.D.(4)(n) PNR 1660A0000-02: Shock strut correctly filled	ml	12,00	12,00	N/A		Roland Baldauf
1.D.(4)(o) PNR 1660B0000-01 and 1660C0000-01: Shock strut correctly filled	ml	9,50	10,50	10,00		Roland Baldauf
1.D.(5)(b)(12) PNR 1660B0000-01 and 1660C0000-01: Maximum Travel	mm	288,70	291,30	289,80		Roland Baldauf

1.D.(6)(i) No Steps		O.K.	O.K.	O.K.		Roland Baldauf
1.D.(6)(j)(1) No Leakage		O.K.	O.K.	O.K.		Roland Baldauf
1.D.(6)(k)(1) No Leakage		O.K.	O.K.	O.K.		Roland Baldauf
1.D.(6)(k)(2) Leakage after five cycles	drop	0,00	0,99999	0,00		Roland Baldauf
1.D.(6)(l)1 Travel: 0 mm Analysis of the Spring Characteristic Curve (15 to 24.9 °C) PNR: 1660A0000-02	kN	2,56	3,46	N/A Not required		Roland Baldauf
1.D.(6)(l)1 Travel: 5 mm Analysis of the Spring Characteristic Curve (15 to 24.9 °C) PNR: 1660A0000-02	kN	2,61	3,52	N/A Not required		Roland Baldauf
1.D.(6)(l)1 Travel: 50 mm Analysis of the Spring Characteristic Curve (15 to 24.9 °C) PNR: 1660A0000-02	kN	3,12	4,22	N/A Not required		Roland Baldauf
1.D.(6)(l)1 Travel: 100 mm Analysis of the Spring Characteristic Curve (15 to 24.9 °C) PNR: 1660A0000-02	kN	3,95	5,34	N/A Not required		Roland Baldauf
1.D.(6)(l)1 Travel: 150 mm Analysis of the Spring Characteristic Curve (15 to 24.9 °C) PNR: 1660A0000-02	kN	5,30	7,16	N/A Not required		Roland Baldauf
1.D.(6)(l)1 Travel: 200 mm Analysis of the Spring Characteristic Curve (15 to 24.9 °C) PNR: 1660A0000-02	kN	7,87	10,63	N/A Not required		Roland Baldauf
1.D.(6)(l)1 Travel: 250 mm Analysis of the Spring Characteristic Curve (15 to 24.9 °C) PNR: 1660A0000-02	kN	14,49	19,58	N/A Not required		Roland Baldauf
1.D.(6)(l)1 Travel: 260 mm Analysis of the Spring Characteristic Curve (15 to 24.9 °C) PNR: 1660A0000-02	kN	17,24	23,29	N/A Not required		Roland Baldauf
1.D.(6)(l)1 Travel: 0 mm - 260 mm / Characteristic Curve (15 to 24.9 °C) Analysis of the Spring Characteristic Curve (15 to 24.9 °C) PNR: 1660A0000-02				N/A Not required		Roland Baldauf
1.D.(6)(l)1 Travel: 0 mm Analysis of the Spring Characteristic Curve (25 to 35 °C) PNR: 1660A0000-02	kN	2,71	3,66	N/A Not required		Roland Baldauf
1.D.(6)(l)1 Travel: 5 mm Analysis of the Spring Characteristic Curve (25 to 35 °C) PNR: 1660A0000-02	kN	2,76	3,72	N/A Not required		Roland Baldauf
1.D.(6)(l)1 Travel: 50 mm Analysis of the Spring Characteristic Curve (25 to 35 °C) PNR: 1660A0000-02	kN	3,31	4,47	N/A Not required		Roland Baldauf
1.D.(6)(l)1 Travel: 100 mm Analysis of the Spring Characteristic Curve (25 to 35 °C) PNR: 1660A0000-02	kN	4,20	5,68	N/A Not required		Roland Baldauf
1.D.(6)(l)1 Travel: 150 mm Analysis of the Spring Characteristic Curve (25 to 35 °C) PNR: 1660A0000-02	kN	5,68	7,68	N/A Not required		Roland Baldauf
1.D.(6)(l)1 Travel: 200 mm Analysis of the Spring Characteristic Curve (25 to 35 °C) PNR: 1660A0000-02	kN	8,56	11,57	N/A Not required		Roland Baldauf
1.D.(6)(l)1 Travel: 250 mm Analysis of the Spring Characteristic Curve (25 to 35 °C) PNR: 1660A0000-02	kN	16,34	22,08	N/A Not required		Roland Baldauf
1.D.(6)(l)1 Travel: 260 mm Analysis of the Spring Characteristic Curve (25 to 35 °C) PNR: 1660A0000-02	kN	19,72	26,64	N/A Not required		Roland Baldauf

1.D.(6)(I)1 Travel: 0 mm - 260 mm / Characteristic Curve (25 to 35 °C) Analysis of the Spring Characteristic Curve (25 to 35 °C) PNR: 1660A0000-02				N/A Not required		Roland Baldauf
1.D.(6)(I)2 Travel: 5 mm Analysis of the Spring Characteristic Curve (15 to 24.9 °C) PNR: 1660B0000-01	kN	2,86	3,86	N/A Not required		Roland Baldauf
1.D.(6)(I)2 Travel: 50 mm Analysis of the Spring Characteristic Curve (15 to 24.9 °C) PNR: 1660B0000-01	kN	3,41	4,61	N/A Not required		Roland Baldauf
1.D.(6)(I)2 Travel: 100 mm Analysis of the Spring Characteristic Curve (15 to 24.9 °C) PNR: 1660B0000-01	kN	4,31	5,83	N/A Not required		Roland Baldauf
1.D.(6)(I)2 Travel: 150 mm Analysis of the Spring Characteristic Curve (15 to 24.9 °C) PNR: 1660B0000-01	kN	5,70	7,01	N/A Not required		Roland Baldauf
1.D.(6)(I)2 Travel: 200 mm Analysis of the Spring Characteristic Curve (15 to 24.9 °C) PNR: 1660B0000-01	kN	8,57	11,58	N/A Not required		Roland Baldauf
1.D.(6)(I)2 Travel: 250 mm Analysis of the Spring Characteristic Curve (15 to 24.9 °C) PNR: 1660B0000-01	kN	15,74	21,26	N/A Not required		Roland Baldauf
1.D.(6)(I)2 Travel: 260 mm Analysis of the Spring Characteristic Curve (15 to 24.9 °C) PNR: 1660B0000-01	kN	18,70	25,26	N/A Not required		Roland Baldauf
1.D.(6)(I)1 Travel: 5 mm - 260 mm / Characteristic Curve (15 to 24.9 °C) Analysis of the Spring Characteristic Curve (15 to 24.9 °C) PNR: 1660B0000-01				N/A Not required		Roland Baldauf
1.D.(6)(I)2 Travel: 5 mm Analysis of the Spring Characteristic Curve (25 to 35 °C) PNR: 1660B0000-01	kN	3,02	4,08	N/A Not required		Roland Baldauf
1.D.(6)(I)2 Travel: 50 mm Analysis of the Spring Characteristic Curve (25 to 35 °C) PNR: 1660B0000-01	kN	3,62	4,88	N/A Not required		Roland Baldauf
1.D.(6)(I)2 Travel: 100 mm Analysis of the Spring Characteristic Curve (25 to 35 °C) PNR: 1660B0000-01	kN	4,59	6,20	N/A Not required		Roland Baldauf
1.D.(6)(I)2 Travel: 150 mm Analysis of the Spring Characteristic Curve (25 to 35 °C) PNR: 1660B0000-01	kN	6,20	8,37	N/A Not required		Roland Baldauf
1.D.(6)(I)2 Travel: 200 mm Analysis of the Spring Characteristic Curve (25 to 35 °C) PNR: 1660B0000-01	kN	9,32	12,59	N/A Not required		Roland Baldauf
1.D.(6)(I)2 Travel: 250 mm Analysis of the Spring Characteristic Curve (25 to 35 °C) PNR: 1660B0000-01	kN	17,74	23,97	N/A Not required		Roland Baldauf
1.D.(6)(I)2 Travel: 260 mm Analysis of the Spring Characteristic Curve (25 to 35 °C) PNR: 1660B0000-01	kN	21,38	28,88	N/A Not required		Roland Baldauf
1.D.(6)(I)1 Travel: 5 mm - 260 mm / Characteristic Curve (25 to 35 °C) Analysis of the Spring Characteristic Curve (25 to 35 °C) PNR: 1660B0000-01				N/A Not required		Roland Baldauf
1.D.(6)(I)3 Travel: 5 mm Analysis of the Spring Characteristic Curve (20 °C) PNR: 1660C0000-01	kN	3,44	4,21	N/A Not required		Roland Baldauf
1.D.(6)(I)3 Travel: 50 mm Analysis of the Spring Characteristic Curve (20 °C) PNR: 1660C0000-01	kN	4,11	5,03	N/A Not required		Roland Baldauf
1.D.(6)(I)3 Travel: 100 mm Analysis of the Spring Characteristic Curve (20 °C) PNR: 1660C0000-01	kN	5,21	6,36	N/A Not required		Roland Baldauf

1.D.(6)(I)3 Travel: 150 mm Analysis of the Spring Characteristic Curve (20 °C) PNR: 1660C0000-01	kN	6,99	8,54	N/A Not required		Roland Baldauf
1.D.(6)(I)3 Travel: 200 mm Analysis of the Spring Characteristic Curve (20 °C) PNR: 1660C0000-01	kN	10,38	12,69	N/A Not required		Roland Baldauf
1.D.(6)(I)3 Travel: 220 mm Analysis of the Spring Characteristic Curve (20 °C) PNR: 1660C0000-01	kN	12,76	15,59	N/A Not required		Roland Baldauf
1.D.(6)(I)3 Travel: 230 mm Analysis of the Spring Characteristic Curve (20 °C) PNR: 1660C0000-01	kN	14,37	17,56	N/A Not required		Roland Baldauf
1.D.(6)(I)3 Travel: 240 mm Analysis of the Spring Characteristic Curve (20 °C) PNR: 1660C0000-01	kN	16,40	20,05	N/A Not required		Roland Baldauf
1.D.(6)(I)3 Travel: 250 mm Analysis of the Spring Characteristic Curve (20 °C) PNR: 1660C0000-01	kN	19,04	23,27	N/A Not required		Roland Baldauf
1.D.(6)(I)3 Travel: 260 mm Analysis of the Spring Characteristic Curve (20 °C) PNR: 1660C0000-01	kN	22,59	27,61	N/A Not required		Roland Baldauf
1.D.(6)(I)1 Travel: 5 mm - 260 mm / Characteristic Curve (20 °C) Analysis of the Spring Characteristic Curve (20 °C) PNR: 1660C0000-01				N/A Not required		Roland Baldauf
1.D.(6)(I)3 Travel: 5 mm Analysis of the Spring Characteristic Curve (30 °C) PNR: 1660C0000-01	kN	3,63	4,44	4,35		Roland Baldauf
1.D.(6)(I)3 Travel: 50 mm Analysis of the Spring Characteristic Curve (30 °C) PNR: 1660C0000-01	kN	4,35	5,32	5,13		Roland Baldauf
1.D.(6)(I)3 Travel: 100 mm Analysis of the Spring Characteristic Curve (30 °C) PNR: 1660C0000-01	kN	5,54	6,77	6,34		Roland Baldauf
1.D.(6)(I)3 Travel: 150 mm Analysis of the Spring Characteristic Curve (30 °C) PNR: 1660C0000-01	kN	7,49	9,15	8,24		Roland Baldauf
1.D.(6)(I)3 Travel: 200 mm Analysis of the Spring Characteristic Curve (30 °C) PNR: 1660C0000-01	kN	11,27	13,78	11,80		Roland Baldauf
1.D.(6)(I)3 Travel: 220 mm Analysis of the Spring Characteristic Curve (30 °C) PNR: 1660C0000-01	kN	13,98	17,09	14,35		Roland Baldauf
1.D.(6)(I)3 Travel: 230 mm Analysis of the Spring Characteristic Curve (30 °C) PNR: 1660C0000-01	kN	15,84	19,36	16,14		Roland Baldauf
1.D.(6)(I)3 Travel: 240 mm Analysis of the Spring Characteristic Curve (30 °C) PNR: 1660C0000-01	kN	18,22	22,27	18,52		Roland Baldauf
1.D.(6)(I)3 Travel: 250 mm Analysis of the Spring Characteristic Curve (30 °C) PNR: 1660C0000-01	kN	21,36	26,11	21,90		Roland Baldauf
1.D.(6)(I)3 Travel: 260 mm Analysis of the Spring Characteristic Curve (30 °C) PNR: 1660C0000-01	kN	25,65	31,34	26,57		Roland Baldauf
1.D.(6)(I)1 Travel: 5 mm - 260 mm / Characteristic Curve (30 °C) Analysis of the Spring Characteristic Curve (30 °C) PNR: 1660C0000-01				N/A Not required		Roland Baldauf
1.D.(7)(e) Angle 360°		O.K.	O.K.	O.K.		Roland Baldauf

1.D.(7)(f) PNR 1660A0000-02: Torque	Nm	0,00	99,99999	N/A Not required		Roland Baldauf
1.D.(7)(g) PNR 1660B0000-01 and 1660C0000-01: Torque	Nm	0,00	99,99999	40,00		Roland Baldauf
1.D.(8)(j) NLG at center position and automatically *Tests 1.D.(8) and 1.D.(9) are not applicable to the PN 1661A0000-02, 1661B0000-01, 1661C0000-01		O.K.	O.K.	O.K.		Roland Baldauf
1.D.(8)(s) NLG at center position and automatically *Tests 1.D.(8) and 1.D.(9) are not applicable to the PN 1661A0000-02, 1661B0000-01, 1661C0000-01		O.K.	O.K.	O.K.		Roland Baldauf
1.D.(9)(d) Electrical locking possible *Tests 1.D.(8) and 1.D.(9) are not applicable to the PN 1661A0000-02, 1661B0000-01, 1661C0000-01		O.K.	O.K.	O.K.		Roland Baldauf
1.D.(9)(f) Electrical unlocking possible *Tests 1.D.(8) and 1.D.(9) are not applicable to the PN 1661A0000-02, 1661B0000-01, 1661C0000-01		O.K.	O.K.	O.K.		Roland Baldauf
1.D.(9)(j) Rotation from direction +50° - automatic locking *Tests 1.D.(8) and 1.D.(9) are not applicable to the PN 1661A0000-02, 1661B0000-01, 1661C0000-01		O.K.	O.K.	O.K.		Roland Baldauf
1.D.(9)(k) Micro-switch shows locked condition *Tests 1.D.(8) and 1.D.(9) are not applicable to the PN 1661A0000-02, 1661B0000-01, 1661C0000-01		O.K.	O.K.	O.K.		Roland Baldauf
1.D.(9)(l) Electrical unlocking possible *Tests 1.D.(8) and 1.D.(9) are not applicable to the PN 1661A0000-02, 1661B0000-01, 1661C0000-01		O.K.	O.K.	O.K.		Roland Baldauf
1.D.(9)(n) Rotation from direction 50° in CCW - automatic locking *Tests 1.D.(8) and 1.D.(9) are not applicable to the PN 1661A0000-02, 1661B0000-01, 1661C0000-01		O.K.	O.K.	O.K.		Roland Baldauf
1.D.(9)(o) Micro-switch shows locked condition *Tests 1.D.(8) and 1.D.(9) are not applicable to the PN 1661A0000-02, 1661B0000-01, 1661C0000-01		O.K.	O.K.	O.K.		Roland Baldauf
1.D.(10)(b) Pressure: PNR 1660A0000-02	MPa	1,02	1,08	N/A Not required		Roland Baldauf
1.D.(10)(b) Pressure: PNR 1660B0000-01	MPa	0,32	0,38	N/A Not required		Roland Baldauf
1.D.(10)(b) Pressure: PNR 1660C0000-01	MPa	0,32	0,38	0,35		Roland Baldauf
1.D.(10)(d) Temperature	°C	15,00	35,00	27,00		Roland Baldauf
1.D.(10)(f) Temperature	°C	15,00	35,00	25,90		Andreas Winkler
1.D.(10)(h) Pressure: PNR 1660A0000-02	MPa	1,02	1,08	N/A not required		Andreas Winkler
1.D.(10)(h) Pressure: PNR 1660B0000-01	MPa	0,29	0,41	N/A not required		Andreas Winkler
1.D.(10)(h) Pressure: PNR 1660C0000-01	MPa	0,29	0,41	0,35		Andreas Winkler
1.D.(10)(j) Adjust the nitrogen pressure	kPa	350,00	350,00	350,00		Andreas Winkler
1.D.(10)(h) No leakage		O.K.	O.K.	O.K.		Andreas Winkler
1 The visual inspection of the parts performed		O.K.	O.K.	O.K.		Max Huegel
2 All applicable exposed bolts, screws and nuts are re-torqued after the test		O.K.	O.K.	O.K.		Max Huegel
3 The installed seals have passed a swell test		O.K.	O.K.	O.K.		Max Huegel

1. Approving Competent Authority/Country Zuständige Genehmigungsbehörde / Staat **Luftfahrt-Bundesamt / Germany**	2. **AUTHORISED RELEASE CERTIFICATE** **EASA FORM 1** **Freigabebescheinigung EASA-Formblatt 1**	3. Form Tracking Number Lfd. Nummer **126/24**
4. Organisation Name and Address: Name und Anschrift des Unternehmens	**ASG Luftfahrttechnik und Sensorik GmbH** **Junkersstr. 2** **69469 Weinheim**	5. Work Order/Contract/Invoice Arbeitsauftrag/Bestellung/Rechnung **PO: 104000678 - 06.12.2022 / 27.01.2023**

6. Item Artikel	7. Description Beschreibung	8. Part No. Teile-Nr.	9. Qty. Menge	10. Serial No. Seriennummer	11. Status/Work Status/Arbeiten
001	**Locking Assy**	**1663A0000-02**	**-2-**	**02182 - 02183**	**"NEW"**

12. Remarks
Bemerkungen

Techn. Doc.: Specification: Spec-No. SP-1663-00 Ausgabe 3

Manufactured Date: 06/24

AGUSTA P/N: 3G3250V00132

13a. Certifies that the items identified above were manufactured in conformity to:
Bescheinigt, dass die oben angegebenen Artikel hergestellt wurden in Übereinstimmung mit:

☒ approved design data and are in a condition for safe operation
genehmigten Konstruktionsdaten und sich in einem betriebssicheren Zustand befinden

☐ non-approved design data specified in block 12
nicht genehmigten Konstruktionsdaten gemäß Angabe in Feld 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 and inspected in accordance with Part 145 and in respect to that work the items are considered ready for release to service.

13b. Authorised Signature Rechtsgültige Unterschrift	13c. Approval/Authorisation Number Nr. der Genehmigung **DE.21G.0094**	14b. Authorised Signature Rechtsgültige Unterschrift	14c. Certificate/Approval Reference Nr. der Bescheinigung/Genehmigung
13d. Name Name **Schmitt, K. (Certifying Staff)**	13e. Date (dd mmm yyyy) Datum (TT MMM JJJJ) **27. Jun. 2024**	14d. Name Name	14e. Date (dd mmm yyyy) Datum (TT MMM JJJJ)

USER/INSTALLER RESPONSIBILITIES

This certificate does not automatically constitute authority to install. 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 block 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.

VERANTWORTLICHKEITEN DES BENUTZERS/AUSRÜSTERS

Diese Bescheinigung verleiht nicht automatisch die Befugnis zum Einbau. Führt der Benutzer/Ausrüster Arbeiten in Übereinstimmung mit den Vorschriften einer anderen Luftfahrtbehörde als der in Feld 1 angegebenen Luftfahrtbehörde durch, muss der Benutzer/Ausrüster sicherstellen, dass seine Luftfahrtbehörde Artikel der in Feld 1 angegebenen Luftfahrtbehörde akzeptiert. Angaben in den Feldern 13a und 14a stellen keine Einbaubescheinigung dar. In jedem Fall müssen die Instandhaltungsunterlagen des Luftfahrzeugs eine Einbaubescheinigung enthalten, die in Übereinstimmung mit den nationalen Vorschriften vom Benutzer/Ausrüster ausgestellt wurde, bevor ein Flug mit dem Luftfahrzeug durchgeführt werden darf.

1. Approving Civil Aviation Authority/Country:	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number:
FAA/UNITED STATES		87001551-50-3

4. Organization Name and Address:
Meggitt Aircraft Braking Systems KY Corp 120 Corporate Drive, Danville, KY 40422

5. Work Order/Contract/Invoice Number:
PO #: 111000432
Item: 000050

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	WHEEL,NOSE,LANDING GEAR PT2064CE-KY	5014171	1 EA	MAR24-04437	NEW

12. Remarks:
AIRWORTHINESS APPROVAL

CPN: 1683T0000-01 3G3240A07431

Reference information for FAA Approval Basis:
TSO Article, N/A
TSO-C26c

The part number shipped is part number 5014171WT
which includes the TSO approved wheel assembly 5014171
that is listed in block 8.

Consult Manuals and Service Bulletins for additional information

13a. Certifies 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. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12

The electronic signature in the approval for return-to-service block meets the requirements of the Repair Station Operating Specification.

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
Kurtis Wells	PT2064CE-KY		
13d. Name(Typed or Printed):	**13e. Date(dd/mmm/yyyy):**	**14d. Name(Typed or Printed):**	**14e. Date(dd/mmm/yyyy):**
KURTIS WELLS	20 MAR 2024		

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country 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.

1. Approving Civil Aviation Authority/Country:
FAA/UNITED STATES

2.
AUTHORIZED RELEASE CERTIFICATE
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:
87001551-50-2

4. Organization Name and Address:
Meggitt Aircraft Braking Systems KY Corp 120 Corporate Drive, Danville, KY 40422

5. Work Order/Contract/Invoice Number:
PO #: 111000432
Item: 000050

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	WHEEL,NOSE,LANDING GEAR	5014171 PT2064CE-KY	1 EA	MAR24-04436	NEW

12. Remarks:
AIRWORTHINESS APPROVAL

CPN: 1683T0000-01 3G3240A07431

Reference information for FAA Approval Basis:
TSO Article, N/A
TSO-C26c

The part number shipped is part number 5014171WT
which includes the TSO approved wheel assembly 5014171
that is listed in block 8.

Consult Manuals and Service Bulletins for additional information

13a. Certifies 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. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12

The electronic signature in the approval for return-to-service block meets the requirements of the Repair Station Operating Specification.

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:	14c. Approval/Certificate No.:
Kurtis Wells	PT2064CE-KY		
13d. Name(Typed or Printed):	**13e. Date(dd/mmm/yyyy):**	**14d. Name(Typed or Printed):**	**14e. Date(dd/mmm/yyyy):**
KURTIS WELLS	20 MAR 2024		

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.

Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country 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.

1. Approving competent Authority / Country

Luftfahrt-Bundesamt/ Germany

2.

AUTHORISED RELEASE CERTIFICATE
EASA FORM 1

3. Form Tracking Number

240000391489

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

931004771 / 931004771
Pos. 0160

6. Item	7. Description	8. Part No	9. Qty.	10. Serial No	11. Status / Work
1	BOLT	1661-0064	1	L0958	NEW

12. Remarks

Purchase Order Number:
IDENTCODE: N/A

Specific remarks per item:

Item	DMF	Orderpos.
1	N/A	-

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

- [X] 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

ALEXANDER SCHWAN LLI 56
CERTIFYING INSPECTOR

Electronic Signature on File

13c. Approval / Authorisation Number

DE.21G.0028

14b. Authorised Signature

14c. Certificate / Approval Ref. No

13d. Name

Alexander Schwan

13e. Date (dd mmm yyyy)

12 Jul 2024

14d. Name

14e. Date (dd mmm yyyy)

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.

LEONARDO HELICOPTERS

LOG CARD

NOTICE: THIS FORM, DULY UPDATED, MUST FOLLOW THE ASSY

Section 1

ATA Chapter 32

DESCRIPTION (1)	P/N (2)	S/N (3)	MANUFACTURER NAME (4)	ASSEMBLY DATE (5)	RETIREMENT LIFE / TIME LIMITS (6)
NOSE LANDING GEAR ASSY	3G3220V00136	10338	LIEBHERR LIND.	05/2019	50000 Land.
	P/N (7) 1650C0000-01	S/N (8)	MANUFACTURER NAME (9)	ASSEMBLY DATE (10)	RETIREMENT LIFE / TIME LIMITS (11)
	P/N (7)	S/N (8)	MANUFACTURER NAME (9)	ASSEMBLY DATE (10)	RETIREMENT LIFE / TIME LIMITS (11)

NOTE

ASSEMBLY HISTORICAL RECORD

INSTALLATION

DATE (12)	A/C R. MARKS (13) / S/N (14)	A/C TOTAL FLIGHT HOURS (15) / TOTAL LANDINGS (15) / TOTAL LIFTS/CYCLES (15)	ASSY TOTAL HOURS (16) / TOTAL LANDINGS (16) / TOTAL LIFTS/CYCLES (16)	ASSY TIME SINCE OH (17) / LANDS. SINCE OH (17) / LIFTS/CYCLES SINCE OH (17)	ORGANIZATION, STAMP AND SIGNATURE (18)
05/2019	F-HSBP / 31865	00.00 / 0 / —	00.00 / New / —	NEW / New / —	Leonardo Helicopters A1 266

REMOVAL

DATE (19)	A/C TOTAL FLIGHT HOURS (20) / TOTAL LANDINGS (20) / TOTAL LIFTS/CYCLES (20)	ASSY ACTUAL TOTAL HOURS (21) / ACTUAL TOTAL LANDINGS (21) / ACTUAL TOTAL LIFTS/CYCLES (21)	ASSY TOTAL HOURS WITH PENALTY FACTOR (22) / TOTAL LANDS. WITH PENALTY FACTOR (22)	ASSY TIME SINCE OH (23) / LANDINGS SINCE OH (23) / LIFTS/CYCLES SINCE OH (23)	REASON OF REMOVAL (24)	ORGANIZATION, STAMP AND SIGNATURE (25)
16 Dec 2023	1238:20 / 1371 / —	1238:20 / 1371 / —	— / —	— / — / —	Shock strut dimension out of Tolerance w/R A23-136	TECHNIQUE CAMO.0112 Mobile Navigat CARLISC

LEONARDO HELICOPTERS

LOG CARD

NOTICE: THIS FORM, DULY UPDATED, MUST FOLLOW THE ASSY

Section 2

ATA Chapter 32

COMPONENTS INSTALLED ON ASSY

ASSY P/N (26) 3G3220V00136 ASSY S/N (27) 10338

COMPONENT DATA			INSTALLATION				REMOVAL				
			ASSY	COMPONENT			ASSY	COMPONENT			
DESCRIPTION (28)	P/N (29)	MANUFACTURING DATE (31)	TOTAL HOURS (33)	TOTAL HOURS (34)	TIME SINCE OH (35)	DATE (36)	TOTAL HOURS (38)	TOTAL HOURS (39)	TOTAL HOURS WITH PENALTY FACTOR (40)	TIME SINCE OH (41)	DATE (42)
	S/N (30)	RETIREMENT LIFE / TIME LIMITS (32)	TOTAL LANDINGS (33)	TOTAL LANDINGS (34)	LANDINGS SINCE OH (35)	STAMP AND SIGNATURE (37)	TOTAL LANDINGS (38)	TOTAL LANDINGS (39)	TOTAL LANDINGS WITH PENALTY FACTOR (40)	LANDINGS SINCE OH (41)	STAMP AND SIGNATURE (43)
			TOTAL LIFTS/CYCLES (33)	TOTAL LIFTS/CYCLES (34)	LIFTS/CYCLES SINCE OH (35)		TOTAL LIFTS/CYCLES (38)	TOTAL LIFTS/CYCLES (39)		LIFTS/CYCLES SINCE OH (41)	
NLG Strut Assy	1661C0000-01	05/2019	00.00	00.00	NEW	05/2019					
	10338	Ref Assy				A1 266					
Nose Center Lock Assy	1663A0000-02	04/2019	00.00	00.00	NEW	05/2019	1238:20	1238:20	—	—	07.08.2024
	01689	Ref Assy				A1 266	1371	1371		—	LAT 87
							—	—	—	—	
Nose Wheel Assy X	1683A0000-01	01/2019	00.00	00.00	NEW	05/2019	984:10	984:10	—	—	19 oct 2022
	JAN19-03414	Ref Assy				A1 269	1050	1050	—	—	
							—	—		—	
Nose Wheel Assy X	1683A0000-01	01/2019	00.00	00.00	NEW	05/2019	984:10	984:10	/	/	19 oct 2022
	JAN19-03420	Ref Assy				A1 266	1050	1050	/	/	
							—	—		/	
Nose wheel assy X	3G3240V00131 / 1683A0000-01	05.11.18	984:10	322:41	—	21 oct 2022	1238:20	~~254:10~~ 576:51	—	—	07.08.2024
	oct18-03347	—	1050	1571	—	CONTROLLATO ARV	1371	~~0281~~ 1852	—	—	LAT 87
			—	—	—		—	—		—	
Nose wheel assy Y	3G3240V00131 / 1683A0000-01	11.03.16	984:10	1640:05	—	21 oct 2022	1238:20	1894:15	—	—	07.08.2024
	MAR16-02803	—	1050	1490	—	CONTROLLATO ARV	1371	1780	—	—	LAT 87
			—	—	—		—	—		—	

LEONARDO HELICOPTERS

LOG CARD

NOTICE:THIS FORM, DULY UPDATED, MUST FOLLOW THE ASSY

Section 2 A

ATA Chapter .....32.....

ASSY P/N (26): 3G3220V00136 (LLI-P/N 1660C0000-01)

ASSY S/N (27): 10338

COMPONENTS INSTALLED ON ASSY

COMPONENT DATA			INSTALLATION				REMOVAL				
			ASSY	COMPONENT			ASSY	COMPONENT			
DESCRIPTION (28)	P/N (29)	MANUFACTURING DATE (31)	TOTAL HOURS (33)	TOTAL HOURS (34)	TIME SINCE OH (35)	DATE (36)	TOTAL HOURS (38)	TOTAL HOURS (39)	TOTAL HOURS WITH PENALTY FACTOR (40)	TIME SINCE OH (41)	DATE (42)
	S/N (30)	RETIREMENT LIFE / TIME LIMITS (32)	TOTAL LANDINGS (33)	TOTAL LANDINGS (34)	LANDINGS SINCE OH (35)	STAMP AND SIGNATURE (37)	TOTAL LANDINGS (38)	TOTAL LANDINGS (39)	TOTAL LANDINGS WITH PENALTY FACTOR (40)	LANDINGS SINCE OH (41)	STAMP AND SIGNATURE (43)
			TOTAL LIFTS/CYCLES (33)	TOTAL LIFTS/CYCLES (34)	LIFTS/CYCLES SINCE OH (35)		TOTAL LIFTS/CYCLES (38)	TOTAL LIFTS/CYCLES (39)		LIFTS/CYCLES SINCE OH (41)	
Nose Center Lock Assy	1663A0000-02	06.2024	1328:20	00:00	New	07.08.2024					
	2182	RL	1371	0	New	LAT 87					
			-	-	New						

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LEONARDO HELICOPTERS

LOG CARD

NOTICE: THIS FORM, DULY UPDATED, MUST FOLLOW THE ASSY

Section 3

ATA Chapter 32

ASSEMBLY ACTIVITY HISTORY

ASSY P/N (44): 3G3220V00136 | ASSY S/N (45): 10338

DATE (46)	TOTAL HOURS (47) / TOTAL LANDINGS (47) / TOTAL LIFTS/CYCLES (47)	TASKS (48)	ACTIVITIES (49)	ORGANIZATION (50)	STAMP AND SIGNATURE (51)
oct 2022	584:10 105c —	AMP 39.A632-41.01.004.720A.A and 35-A-32-42.02.004-7204-A	wheel assy exchange - removed n° Jan18-03414 and Jan19 03420 installed n° oct18-03347 and MAR16-02809 - w/R A22-117	Leonardo BE.145.22	HELI TECHNIQUE Responsable Navigabilité Frédéric ARLUISON
08 Dec 2023	1235:05 1368 —	Amp35.A12.20-03.004.214AA	landing gear shock absorber pressure adjusted (nitrogen) w/R A 23-B4	Leonardo BE.145.22	HELI TECHNIQUE Responsable Navigabilité Frédéric ARLUISON
07/08/2024	1238.20 1371 —	Repair	Repaired and function test carried out. Ref.: SFR 64197	Liebherr Aerospace	LAT 87 L.Tram

LEONARDO HELICOPTERS

LOG CARD

NOTICE: THIS FORM, DULY UPDATED, MUST FOLLOW THE ASSY

Section 4

ATA Chapter 32

AIRWORTHINESS DIRECTIVES AND BULLETINS COMPLIANCE

ASSY P/N (52) **3G3220V00136** ASSY S/N (53) **10338**

AIRWORTHINESS DIRECTIVE AND MANDATORY BULLETINS

AIRWORTHINESS DIRECTIVE/MANDATORY BULLETIN NUMBER (54)		ASSY TOTAL HOURS (57)	ORGANIZATION (58)	STAMP AND SIGNATURE (59)
ISSUE / REVISION (55)	DATE OF COMPLIANCE (56)	ASSY TOTAL LANDINGS (57) / ASSY TOTAL LIFTS/CYCLES (57)		

OPTIONAL BULLETINS

OPTIONAL BULLETIN NUMBER (54)		ASSY TOTAL HOURS (57)	ORGANIZATION (58)	STAMP AND SIGNATURE (59)
ISSUE / REVISION (55)	DATE OF COMPLIANCE (56)	ASSY TOTAL LANDINGS (57) / ASSY TOTAL LIFTS/CYCLES (57)		

LEONARDO HELICOPTERS

LOG CARD

NOTICE: THIS FORM, DULY UPDATED, MUST FOLLOW THE ASSY

Section 1

ATA Chapter 32

DESCRIPTION (1)	P/N (2)	S/N (3)	MANUFACTURER NAME (4)	ASSEMBLY DATE (5)	RETIREMENT LIFE / TIME LIMITS (6)
NLG Strut Assy	**3G3220V00431**	**10338**	**LIEBHERR LIND.**	**05/2019**	**Ref Assy**
	P/N (7) 1661C0006-01	S/N (8)	MANUFACTURER NAME (9)	ASSEMBLY DATE (10)	RETIREMENT LIFE / TIME LIMITS (11)
	P/N (7)	S/N (8)	MANUFACTURER NAME (9)	ASSEMBLY DATE (10)	RETIREMENT LIFE / TIME LIMITS (11)

NOTE

ASSEMBLY HISTORICAL RECORD

INSTALLATION

DATE (12)	A/C R. MARKS (13) / S/N (14)	A/C TOTAL FLIGHT HOURS (15) / TOTAL LANDINGS (15) / TOTAL LIFTS/CYCLES (15)	ASSY TOTAL HOURS (16) / TOTAL LANDINGS (16) / TOTAL LIFTS/CYCLES (16)	ASSY TIME SINCE OH (17) / LANDS. SINCE OH (17) / LIFTS/CYCLES SINCE OH (17)	ORGANIZATION, STAMP AND SIGNATURE (18)
05/2019	F-HSBP **31865**	**00.00** 00 —	**00.00** 00 —	**NEW** — —	**Leonardo Helicopters** (AT 266)

REMOVAL

DATE (19)	A/C TOTAL FLIGHT HOURS (20) / TOTAL LANDINGS (20) / TOTAL LIFTS/CYCLES (20)	ASSY ACTUAL TOTAL HOURS (21) / ACTUAL TOTAL LANDINGS (21) / ACTUAL TOTAL LIFTS/CYCLES (21)	TOTAL HOURS WITH PENALTY FACTOR (22) / TOTAL LANDS. WITH PENALTY FACTOR (22)	TIME SINCE OH (23) / LANDINGS SINCE OH (23) / LIFTS/CYCLES SINCE OH (23)	REASON OF REMOVAL (24)	ORGANIZATION, STAMP AND SIGNATURE (25)
16 Dec 2023	1238:20 1341 —	1238:20 1341 —	— —	— — —	removal with landing gear assy 3G3220V00136 n° ie 338 W/R A23-136	TECHNIQUE PR.CAMO.0112 Responsable Navigabi Frédéric ARLUISON

LEONARDO HELICOPTERS

LOG CARD

NOTICE: THIS FORM, DULY UPDATED, MUST FOLLOW THE ASSY

Section 2

ATA Chapter 32

COMPONENTS INSTALLED ON ASSY

ASSY P/N (26) 3G3220V00431 ASSY S/N (27) 10338

COMPONENT DATA			INSTALLATION				REMOVAL				
			ASSY	COMPONENT			ASSY	COMPONENT			
DESCRIPTION (28)	P/N (29)	MANUFACTURING DATE (31)	TOTAL HOURS (33)	TOTAL HOURS (34)	TIME SINCE OH (35)	DATE (36)	TOTAL HOURS (38)	TOTAL HOURS (39)	TOTAL HOURS WITH PENALTY FACTOR (40)	TIME SINCE OH (41)	DATE (42)
			TOTAL LANDINGS (33)	TOTAL LANDINGS (34)	LANDINGS SINCE OH (35)	STAMP AND SIGNATURE (37)	TOTAL LANDINGS (38)	TOTAL LANDINGS (39)		LANDINGS SINCE OH (41)	STAMP AND SIGNATURE (43)
	S/N (30)	RETIREMENT LIFE / TIME LIMITS (32)	TOTAL LIFTS/CYCLES (33)	TOTAL LIFTS/CYCLES (34)	LIFTS/CYCLES SINCE OH (35)		TOTAL LIFTS/CYCLES (38)	TOTAL LIFTS/CYCLES (39)	TOTAL LANDINGS WITH PENALTY FACTOR (40)	LIFTS/CYCLES SINCE OH (41)	
Bolt	1661-0001-58	05/2019	00.00	00.00	NEW	05/2019 A1 266					
	L288	Ref Assy									
Bolt	1661-0001-58	05/2019	00.00	00.00	NEW	05/2019 A1 265					
	L311	Ref Assy									
Bolt	1661-0009-66	05/2019	00.00	00.00	NEW	05/2019 A1 262					
	L396	Ref Assy									
Housing Assy	1661A0100-01	05/2019	00.00	00.00	NEW	05/2019 A1 268					
	L1693	Ref Assy									
Sliding Rod Assy	1661A0300-01	05/2019	00.00	00.00	NEW	05/2019 A1 266					
	L1664	Ref Assy									
Bolt	1661-0064	—	1238:20	00:00	New	07.08.2024 LAT 87					
	L0958	—	1371	0	New						
			—	—	New						

LEONARDO HELICOPTERS

LOG CARD

NOTICE: THIS FORM, DULY UPDATED, MUST FOLLOW THE ASSY

Section 3

ATA Chapter 32

ASSEMBLY ACTIVITY HISTORY

ASSY P/N (44)	3G3220V00431	ASSY S/N (45)	10338

DATE (46)	TOTAL HOURS (47) TOTAL LANDINGS (47) TOTAL LIFTS/CYCLES (47)	TASKS (48)	ACTIVITIES (49)	ORGANIZATION (50)	STAMP AND SIGNATURE (51)

AIRWORTHINESS DIRECTIVES AND BULLETINS COMPLIANCE

ASSY P/N (52) **3G3220V00431** ASSY S/N (53) **10338**

AIRWORTHINESS DIRECTIVE AND MANDATORY BULLETINS

AIRWORTHINESS DIRECTIVE/MANDATORY BULLETIN NUMBER (54)		ASSY TOTAL HOURS (57)	ORGANIZATION (58)	STAMP AND SIGNATURE (59)
ISSUE / REVISION (55)	DATE OF COMPLIANCE (56)	ASSY TOTAL LANDINGS (57) / ASSY TOTAL LIFTS/CYCLES (57)		

OPTIONAL BULLETINS

OPTIONAL BULLETIN NUMBER (54)		ASSY TOTAL HOURS (57)	ORGANIZATION (58)	STAMP AND SIGNATURE (59)
ISSUE / REVISION (55)	DATE OF COMPLIANCE (56)	ASSY TOTAL LANDINGS (57) / ASSY TOTAL LIFTS/CYCLES (57)		

LEONARDO HELICOPTERS

LOG CARD

NOTICE:THIS FORM, DULY UPDATED, MUST FOLLOW THE ASSY

Section 1
ATA Chapter .....32.....

DESCRIPTION (1)	P/N (2)	S/N (3)	MANUFACTURER NAME (4)	ASSEMBLY/MANUFACTURING DATE (5)	RETIREMENT LIFE / TIME LIMITS (6)
Nose Center Lock Assy	3G3250V00132 (LLI-P/N 1663A0000-02)	02182 LAT 87	LLI	06.2024	RL
	P/N (7)	S/N (8)	MANUFACTURER NAME (9)	DATE OF CHANGE (10)	RETIREMENT LIFE / TIME LIMITS (11)
	P/N (7)	S/N (8)	MANUFACTURER NAME (9)	DATE OF CHANGE (10)	RETIREMENT LIFE / TIME LIMITS (11)

Notes: NEW Log Card created at 02.08.2024 LAT 87

ASSEMBLY HISTORICAL RECORD

INSTALLATION

DATE (12)	A/C R. MARKS (13) / S/N (14)	A/C TOTAL FLIGHT HOURS (15) / TOTAL LANDINGS (15) / TOTAL LIFTS/CYCLES (15)	ASSY TOTAL HOURS (16) / TOTAL LANDINGS (16) / TOTAL LIFTS/CYCLES (16)	ASSY TIME SINCE OH (17) / LANDINGS SINCE OH (17) / LIFTS/CYCLES SINCE OH (17)	ORGANIZATION, STAMP AND SIGNATURE (18)
			00:00	NEW	
			0	NEW	
			0	NEW	

REMOVAL

DATE (19)	A/C TOTAL FLIGHT HOURS (20) / TOTAL LANDINGS (20) / TOTAL LIFTS/CYCLES (20)	ASSY ACTUAL TOTAL HOURS (21) / ACTUAL TOTAL LANDINGS (21) / ACTUAL TOTAL LIFTS/CYCLES (21)	ASSY TOTAL HOURS WITH PENALTY FACTOR (22) / TOTAL LANDINGS, WITH PENALTY FACTOR (22)	ASSY TIME SINCE OH (23) / LANDINGS SINCE OH (23) / LIFTS/CYCLES SINCE OH (23)	REASON FOR REMOVAL (24)	ORGANIZATION, STAMP AND SIGNATURE (25)

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COMPONENTS INSTALLED ON ASSY

ASSY P/N (26)	3G3250V00132 (LLI-P/N 1663A0000-02)	ASSY S/N (27)	02182

COMPONENT DATA			INSTALLATION				REMOVAL				
			ASSY	COMPONENT			ASSY	COMPONENT			
DESCRIPTION (28)	P/N (29)	MANUFACTURING DATE (31)	TOTAL HOURS (33)	TOTAL HOURS (34)	TIME SINCE OH (35)	DATE (36)	TOTAL HOURS (38)	TOTAL HOURS (39)	TOTAL HOURS WITH PENALTY FACTOR (40)	TIME SINCE OH (41)	DATE (42)
			TOTAL LANDINGS (33)	TOTAL LANDINGS (34)	LANDINGS SINCE OH (35)	STAMP AND SIGNATURE (37)	TOTAL LANDINGS (38)	TOTAL LANDINGS (39)		LANDINGS SINCE OH (41)	STAMP AND SIGNATURE (43)
	S/N (30)	RETIREMENT LIFE / TIME LIMITS (32)	TOTAL LIFTS/CYCLES (33)	TOTAL LIFTS/CYCLES (34)	LIFTS/CYCLES SINCE OH (35)		TOTAL LIFTS/CYCLES (38)	TOTAL LIFTS/CYCLES (39)	TOTAL LANDINGS WITH PENALTY FACTOR (40)	LIFTS/CYCLES SINCE OH (41)	

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COMPONENTS INSTALLED ON ASSY

ASSY P/N (26)	3G3250V00132 (LLI-P/N 1663A0000-02)	ASSY S/N (27)	02182

COMPONENT DATA			INSTALLATION				REMOVAL				
			ASSY	COMPONENT			ASSY	COMPONENT			
DESCRIPTION (28)	P/N (29) S/N (30)	MANUFACTURING DATE (31) RETIREMENT LIFE / TIME LIMITS (32)	TOTAL HOURS (33) TOTAL LANDINGS (33) TOTAL LIFTS/CYCLES (33)	TOTAL HOURS (34) TOTAL LANDINGS (34) TOTAL LIFTS/CYCLES (34)	TIME SINCE OH (35) LANDINGS SINCE OH (35) LIFTS/CYCLES SINCE OH (35)	DATE (36) STAMP AND SIGNATURE (37)	TOTAL HOURS (38) TOTAL LANDINGS (38) TOTAL LIFTS/CYCLES (38)	TOTAL HOURS (39) TOTAL LANDINGS (39) TOTAL LIFTS/CYCLES (39)	TOTAL HOURS WITH PENALTY FACTOR (40) TOTAL LANDINGS WITH PENALTY FACTOR (40)	TIME SINCE OH (41) LANDINGS SINCE OH (41) LIFTS/CYCLES SINCE OH (41)	DATE (42) STAMP AND SIGNATURE (43)

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ASSEMBLY ACTIVITY HISTORY

ASSY P/N (44)	3G3250V00132 (LLI-P/N 1663A0000-02)	ASSY S/N (45)	02182

DATE (46)	TOTAL HOURS (47) TOTAL LANDINGS (47) TOTAL LIFTS/CYCLES (47)	TASKS (48)	ACTIVITIES (49)	ORGANIZATION (50)	STAMP AND SIGNATURE (51)

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LOG CARD

NOTICE:THIS FORM, DULY UPDATED, MUST FOLLOW THE ASSY

Section 4
ATA Chapter ....32...............

AIRWORTHINESS DIRECTIVES AND BULLETINS COMPLIANCE

ASSY P/N (52)	3G3250V00132 (LLI-P/N 1663A0000-02)	ASSY S/N (53)	02182

AIRWORTHINESS DIRECTIVES AND MANDATORY BULLETINS

AIRWORTHINESS DIRECTIVE/ MANDATORY BULLETIN NUMBER (54)		ASSY TOTAL HOURS (57) / ASSY TOTAL LANDINGS (57) / ASSY TOTAL LIFTS/CYCLES (57)		ORGANIZATION (58)	STAMP AND SIGNATURE (59)
ISSUE / REVISION (55)	DATE OF COMPLIANCE (56)				

OPTIONAL BULLETINS

OPTIONAL BULLETIN NUMBER (59)		ASSY TOTAL HOURS (57) / ASSY TOTAL LANDINGS (57) / ASSY TOTAL LIFTS/CYCLES (57)	ORGANIZATION (58)	STAMP AND SIGNATURE (59)
ISSUE / REVISION (55)	DATE OF COMPLIANCE (56)			

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LOG CARD

NOTICE:THIS FORM, DULY UPDATED, MUST FOLLOW THE ASSY

Section 1
ATA Chapter .....32.....

DESCRIPTION (1)	P/N (2)	S/N (3)	MANUFACTURER NAME (4)	ASSEMBLY/MANUFACTURING DATE (5)	RETIREMENT LIFE / TIME LIMITS (6)
Rim, Assy (Nose Wheel)	3G3240V00131 (LLI-P/N 1683A0000-01)	MAR24-04437 LAT 87	LLI	03.2024	N/A
	P/N (7)	S/N (8)	MANUFACTURER NAME (9)	DATE OF CHANGE (10)	RETIREMENT LIFE / TIME LIMITS (11)
	P/N (7)	S/N (8)	MANUFACTURER NAME (9)	DATE OF CHANGE (10)	RETIREMENT LIFE / TIME LIMITS (11)

Notes: Logcard created on 07.08.2024
The wheels have no life limitation, are still on condition, but an NDT every 1500 landings or every 5 tyre changes is required by the Aircraft Maintenance Manual LAT 87 I. Ferri Fabio Ferri

ASSEMBLY HISTORICAL RECORD

INSTALLATION

DATE (12)	A/C R. MARKS (13)	A/C S/N (14)	A/C TOTAL FLIGHT HOURS (15)	A/C TOTAL LANDINGS (15)	A/C TOTAL LIFTS/CYCLES (15)	ASSY TOTAL HOURS (16)	ASSY TOTAL LANDINGS (16)	ASSY TOTAL LIFTS/CYCLES (16)	ASSY TIME SINCE OH (17)	ASSY LANDINGS SINCE OH (17)	ASSY LIFTS/CYCLES SINCE OH (17)	ORGANIZATION, STAMP AND SIGNATURE (18)
						00:00	0	0	NEW	NEW	NEW	

REMOVAL

DATE (19)	A/C TOTAL FLIGHT HOURS (20)	A/C TOTAL LANDINGS (20)	A/C TOTAL LIFTS/CYCLES (20)	ASSY ACTUAL TOTAL HOURS (21)	ASSY ACTUAL TOTAL LANDINGS (21)	ASSY ACTUAL TOTAL LIFTS/CYCLES (21)	ASSY TOTAL HOURS WITH PENALTY FACTOR (22)	ASSY TOTAL LANDINGS, WITH PENALTY FACTOR (22)	ASSY TIME SINCE OH (23)	ASSY LANDINGS SINCE OH (23)	ASSY LIFTS/CYCLES SINCE OH (23)	REASON FOR REMOVAL (24)	ORGANIZATION, STAMP AND SIGNATURE (25)

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LOG CARD

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Section 2

ATA Chapter ....32..............

COMPONENTS INSTALLED ON ASSY

ASSY P/N (26)	3G3240V00131 (LLI-P/N 1683A0000-01)	ASSY S/N (27)	MAR24-04437

COMPONENT DATA			INSTALLATION				REMOVAL					
			ASSY	COMPONENT			ASSY	COMPONENT				
DESCRIPTION (28)	P/N (29)	MANUFACTURING DATE (31)	TOTAL HOURS (33)	TOTAL HOURS (34)	TIME SINCE OH (35)	DATE (36)	TOTAL HOURS (38)	TOTAL HOURS (39)	TOTAL HOURS WITH PENALTY FACTOR (40)	TIME SINCE OH (41)	DATE (42)
			TOTAL LANDINGS (33)	TOTAL LANDINGS (34)	LANDINGS SINCE OH (35)	STAMP AND SIGNATURE (37)	TOTAL LANDINGS (38)	TOTAL LANDINGS (39)	TOTAL LANDINGS WITH PENALTY FACTOR (40)	LANDINGS SINCE OH (41)	STAMP AND SIGNATURE (43)
	S/N (30)	RETIREMENT LIFE / TIME LIMITS (32)	TOTAL LIFTS/CYCLES (33)	TOTAL LIFTS/CYCLES (34)	LIFTS/CYCLES SINCE OH (35)		TOTAL LIFTS/CYCLES (38)	TOTAL LIFTS/CYCLES (39)		LIFTS/CYCLES SINCE OH (41)	

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Section 2 A

ATA Chapter ....32...............

COMPONENTS INSTALLED ON ASSY

ASSY P/N (26) 3G3240V00131 (LLI-P/N 1683A0000-01)

ASSY S/N (27) **MAR24-04437**

COMPONENT DATA			INSTALLATION				REMOVAL					
			ASSY	COMPONENT			ASSY	COMPONENT				
DESCRIPTION (28)	P/N (29)	MANUFACTURING DATE (31)	TOTAL HOURS (33)	TOTAL HOURS (34)	TIME SINCE OH (35)	DATE (36)	TOTAL HOURS (38)	TOTAL HOURS (39)	TOTAL HOURS WITH PENALTY FACTOR (40)	TIME SINCE OH (41)	DATE (42)
			TOTAL LANDINGS (33)	TOTAL LANDINGS (34)	LANDINGS SINCE OH (35)		TOTAL LANDINGS (38)	TOTAL LANDINGS (39)		LANDINGS SINCE OH (41)	
	S/N (30)	RETIREMENT LIFE / TIME LIMITS (32)	TOTAL LIFTS/CYCLES (33)	TOTAL LIFTS/CYCLES (34)	LIFTS/CYCLES SINCE OH (35)	STAMP AND SIGNATURE (37)	TOTAL LIFTS/CYCLES (38)	TOTAL LIFTS/CYCLES (39)	TOTAL LANDINGS WITH PENALTY FACTOR (40)	LIFTS/CYCLES SINCE OH (41)	STAMP AND SIGNATURE (43)

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ASSEMBLY ACTIVITY HISTORY

ASSY P/N (44)	3G3240V00131 (LLI-P/N 1683A0000-01)	ASSY S/N (45)	MAR24-04437

DATE (46)	TOTAL HOURS (47) TOTAL LANDINGS (47) TOTAL LIFTS/CYCLES (47)	TASKS (48)	ACTIVITIES (49)	ORGANIZATION (50)	STAMP AND SIGNATURE (51)

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LOG CARD

NOTICE:THIS FORM, DULY UPDATED, MUST FOLLOW THE ASSY

Section 4

ATA Chapter ....32..............

AIRWORTHINESS DIRECTIVES AND BULLETINS COMPLIANCE

ASSY P/N (52)	3G3240V00131 (LLI-P/N 1683A0000-01)	ASSY S/N (53)	MAR24-04437

AIRWORTHINESS DIRECTIVES AND MANDATORY BULLETINS

AIRWORTHINESS DIRECTIVE/ MANDATORY BULLETIN NUMBER (54)		ASSY TOTAL HOURS (57) / ASSY TOTAL LANDINGS (57) / ASSY TOTAL LIFTS/CYCLES (57)		ORGANIZATION (58)	STAMP AND SIGNATURE (59)
ISSUE / REVISION (55)	DATE OF COMPLIANCE (56)				

OPTIONAL BULLETINS

OPTIONAL BULLETIN NUMBER (59)		ASSY TOTAL HOURS (57) / ASSY TOTAL LANDINGS (57) / ASSY TOTAL LIFTS/CYCLES (57)	ORGANIZATION (58)	STAMP AND SIGNATURE (59)
ISSUE / REVISION (55)	DATE OF COMPLIANCE (56)			

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NOTICE:THIS FORM, DULY UPDATED, MUST FOLLOW THE ASSY

Section 1

ATA Chapter ....32...............

DESCRIPTION (1)	P/N (2)	S/N (3)	MANUFACTURER NAME (4)	ASSEMBLY/MANUFACTURING DATE (5)	RETIREMENT LIFE / TIME LIMITS (6)
Rim, Assy (Nose Wheel)	3G3240V00131 (LLI-P/N 1683A0000-01)	MAR24-04436	LLI	03.2024	N/A
	P/N (7)	S/N (8)	MANUFACTURER NAME (9)	DATE OF CHANGE (10)	RETIREMENT LIFE / TIME LIMITS (11)
	P/N (7)	S/N (8)	MANUFACTURER NAME (9)	DATE OF CHANGE (10)	RETIREMENT LIFE / TIME LIMITS (11)

Notes: Logcard created on 07.08.2024

The wheels have no life limitation, are still on condition, but an NDT every 1500 landings or every 5 tyre changes is required by the Aircraft Maintenance Manual

LAT 87 Tobias Franz

ASSEMBLY HISTORICAL RECORD

INSTALLATION						REMOVAL						
	A/C		ASSY				A/C	ASSY				
DATE (12)	R. MARKS (13) / S/N (14)	TOTAL FLIGHT HOURS (15) / TOTAL LANDINGS (15) / TOTAL LIFTS/CYCLES (15)	TOTAL HOURS (16) / TOTAL LANDINGS (16) / TOTAL LIFTS/CYCLES (16)	TIME SINCE OH (17) / LANDINGS SINCE OH (17) / LIFTS/CYCLES SINCE OH (17)	ORGANIZATION, STAMP AND SIGNATURE (18)	DATE (19)	TOTAL FLIGHT HOURS (20) / TOTAL LANDINGS (20) / TOTAL LIFTS/CYCLES (20)	ACTUAL TOTAL HOURS (21) / ACTUAL TOTAL LANDINGS (21) / ACTUAL TOTAL LIFTS/CYCLES (21)	TOTAL HOURS WITH PENALTY FACTOR (22) / TOTAL LANDINGS. WITH PENALTY FACTOR (22)	TIME SINCE OH (23) / LANDINGS SINCE OH (23) / LIFTS/CYCLES SINCE OH (23)	REASON FOR REMOVAL (24)	ORGANIZATION, STAMP AND SIGNATURE (25)
			00:00	NEW								
			0	NEW								
			0	NEW								

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LOG CARD

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Section 2

ATA Chapter ....32..............

COMPONENTS INSTALLED ON ASSY

ASSY P/N (26)	3G3240V00131 (LLI-P/N 1683A0000-01)	ASSY S/N (27)	MAR24-04436

COMPONENT DATA			INSTALLATION				REMOVAL				
			ASSY	COMPONENT			ASSY	COMPONENT			
DESCRIPTION (28)	P/N (29) / S/N (30)	MANUFACTURING DATE (31) / RETIREMENT LIFE / TIME LIMITS (32)	TOTAL HOURS (33) / TOTAL LANDINGS (33) / TOTAL LIFTS/CYCLES (33)	TOTAL HOURS (34) / TOTAL LANDINGS (34) / TOTAL LIFTS/CYCLES (34)	TIME SINCE OH (35) / LANDINGS SINCE OH (35) / LIFTS/CYCLES SINCE OH (35)	DATE (36) / STAMP AND SIGNATURE (37)	TOTAL HOURS (38) / TOTAL LANDINGS (38) / TOTAL LIFTS/CYCLES (38)	TOTAL HOURS (39) / TOTAL LANDINGS (39) / TOTAL LIFTS/CYCLES (39)	TOTAL HOURS WITH PENALTY FACTOR (40) / TOTAL LANDINGS WITH PENALTY FACTOR (40)	TIME SINCE OH (41) / LANDINGS SINCE OH (41) / LIFTS/CYCLES SINCE OH (41)	DATE (42) / STAMP AND SIGNATURE (43)

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Section 2 A

ATA Chapter ....32..............

ASSY P/N (26) 3G3240V00131 (LLI-P/N 1683A0000-01)

COMPONENTS INSTALLED ON ASSY

ASSY S/N (27) **MAR24-04436**

COMPONENT DATA			INSTALLATION					REMOVAL					
			ASSY	COMPONENT				ASSY	COMPONENT				
DESCRIPTION (28)	P/N (29) S/N (30)	MANUFACTURING DATE (31) RETIREMENT LIFE / TIME LIMITS (32)	TOTAL HOURS (33) TOTAL LANDINGS (33) TOTAL LIFTS/CYCLES (33)	TOTAL HOURS (34) TOTAL LANDINGS (34) TOTAL LIFTS/CYCLES (34)	TIME SINCE OH (35) LANDINGS SINCE OH (35) LIFTS/CYCLES SINCE OH (35)	DATE (36) STAMP AND SIGNATURE (37)		TOTAL HOURS (38) TOTAL LANDINGS (38) TOTAL LIFTS/CYCLES (38)	TOTAL HOURS (39) TOTAL LANDINGS (39) TOTAL LIFTS/CYCLES (39)	TOTAL HOURS WITH PENALTY FACTOR (40) TOTAL LANDINGS WITH PENALTY FACTOR (40)	TIME SINCE OH (41) LANDINGS SINCE OH (41) LIFTS/CYCLES SINCE OH (41)	DATE (42) STAMP AND SIGNATURE (43)	

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ASSEMBLY ACTIVITY HISTORY

ASSY P/N (44)	3G3240V00131 (LLI-P/N 1683A0000-01)	ASSY S/N (45)	MAR24-04436

DATE (46)	TOTAL HOURS (47) TOTAL LANDINGS (47) TOTAL LIFTS/CYCLES (47)	TASKS (48)	ACTIVITIES (49)	ORGANIZATION (50)	STAMP AND SIGNATURE (51)

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Section 4

ATA Chapter ....32..............

ASSY P/N (52): 3G3240V00131 (LLI-P/N 1683A0000-01)

ASSY S/N (53): MAR24-04436

AIRWORTHINESS DIRECTIVES AND BULLETINS COMPLIANCE

AIRWORTHINESS DIRECTIVES AND MANDATORY BULLETINS

AIRWORTHINESS DIRECTIVE/ MANDATORY BULLETIN NUMBER (54)		ASSY TOTAL HOURS (57) / ASSY TOTAL LANDINGS (57) / ASSY TOTAL LIFTS/CYCLES (57)		ORGANIZATION (58)	STAMP AND SIGNATURE (59)
ISSUE / REVISION (55)	DATE OF COMPLIANCE (56)				

OPTIONAL BULLETINS

OPTIONAL BULLETIN NUMBER (59)		ASSY TOTAL HOURS (57) / ASSY TOTAL LANDINGS (57) / ASSY TOTAL LIFTS/CYCLES (57)	ORGANIZATION (58)	STAMP AND SIGNATURE (59)
ISSUE / REVISION (55)	DATE OF COMPLIANCE (56)			

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N° Lotto di Controllo: 170000 367907

	No.	Verifiche da effettuare	SI	NO
LHD PLANT + General	1	Integrità dell'imballaggio	✓	
	2	Presenza Testo di controllo ☒ PRESENTE ☐ NON PRESENTE	✓	
	3	Documenti di Conformità e documentazione di fornitura richiesta	✓	
	4	Verifica presenza LOG CARD/SIA/LOG BOOK if applicable	✓	
	5	Da verificare in sede di delibera finale a cliente: verifica completa correttezza LOG CARD/SIA/LOG BOOK.	✓	
	6	Da verificare in sede di accettazione in ingresso LHD: verifica presenza SIA (ove necessaria), correttezza dei campi: denominazione, S/N, P/N.		✓
	7	Disponibilità elenco parti sostituite per parti proprietà MoD Italia		✓
	8	Evidenza Approvazione LH Report di Indagine quando applicabile		✓
	9	Spoglio dei SB, AD, PA, PTA, SIB	✓	
	10	Limitazioni di immagazzinamento/preservazione	✓	
	11	Verifica stato di approvazione fornitore	✓	
VENDORS	12	Disponibilità ATP per MoD Italia		✓
	13	Disponibilità dati di calibrazione Tools/GSE/AGE quando applicabile		✓
	14	Evidenza Approvazione LH Report di Indagine quando applicabile		✓
	15	Ispezione Visiva	✓	
Note :				

Timbro e Firma: [signature] Data: 20/8/2024

Istruzioni di compilazione

Inserire "✓" per attestare l'esecuzione della verifica effettuata

Ove non applicabile il controllo, apporre "✓" e definire la motivazione nel campo note.

Per le Non Conformità rilevate barrare il corrispondente campo numerato della colonna No. con il simbolo **X**. Riportare nel campo "Note" il numero della NC istruita con il relativo riferimento della colonna No.

Campo Note: per ciascuna nota inserita indicare sempre il corrispondente riferimento numerico della colonna No.