



0011602962



Packaging Instruction: SPEC.P3.P5.PB.SD

| BOLLA DI ENTRATA | | | | | DATA EMISSIONE | DATA ORDINE | N.BOLLA | |
|--|------------------------------------|----------------------|---|---------------------|--|-----------------------------------|--|--------------------------|
| | | | | | 01/07/20 | 16/10/19 | 79207880/1 | |
| TIPO ORD. TB | ORDINE N. 4802101923/NNN | ITEM 00020 | CODICE MATERIALE 3G6210A00131 | UN.MIS. N | Q.TA ORDINATA 1,000 | CONSEGNA PREV. 30/06/20 | ORD.LAVORO | COD.MOVIM. 101 |
| DESCRIZIONE MATERIALE | | | | | CODICE E INDIRIZZO FORNITORE | | | |
| MAIN ROTOR BLADE ASSY | | | | | 21000011 | | | |
| S/N: V2455 (T/N:000000000002179849) BATCH: 0004070459 TOT. HRS: 3465.60 / TSO HRS: N/A LDGS-CYCLES: 10425 LDGS / TSO LDGS-CYCLES: N/A <i>AW13913B10/E-CAB4</i> | | | | | LEONARDO - DIV. ELICOTTERI- LOCALITA' PADUNI I-03012 ANAGNI FR | | | |
| CONTROLLI ORIG.: OX | | SHELF LIFE: 9999 | | VITA RIM.: | | TEMP-/+: 0/0 | | |
| QTA' RICEVUTA : N 1,000 | | | DOC. SPI: | | PRI.ORD.ACO.: | | | |
| Flusso G - Materiale Riparato Fast Track Process | | | | | Mat. con testo di controllo Materiale gestito a S/N e partita PN SOGGETTO A LOG CARD Partita: *** 0004070459 *** <i>S/N. V2455</i> <i>T/N. 2179849</i> | | | |
| RESP. MRP : MPA Mazzarino_MPP_Ana | | | | | UM MAG. : N UM ORD. : N | | -HV- | |
| RESP. ACQ. : NNN DO NOT USE | | | | | F.C. : 1,00000 | | | |
| NR. BOX : | | | | | QTA : 1,000 N | | | |
| NR. FABB. : 500147638 | | | | | | | | |
| DESTINATARIO : | | | | | | | | |
| PUNTO SCARICO : 01-07-20 162514 | | | | | | | | |
| LINEA PROD. : 39 - Linea A139 | | | | | | | | |
| CRITICITA' : CRITICAL PART | | | | | | | | |
| *REGISTRARE PESO* PER PROBLEMI TEL.ACP 2623-2457 | | | | | | | | |
| FIRMA RICEVIMENTO | | FIRMA MAGAZZINO | | | DATA COLLAUDO 02-07-20 | | FIRMA COLLAUDO <i>ABE</i> <i>934</i> | |
| IT20 Leonardo Helic. - CS&T | | | | | MAG. : IA34 Riparati Dual | | | |
| DDT : 0008147274 DEL: 30/06/20 | | | | | IMMAG. : Merce a Terra | | | |
| LOTTO CONTROLLO : 080001858187 | | | | | | | | |
| OPER. RICEZIONE : E74727 LUCIANA DONATI | | | | | | | | |
| APPLICABILITA' : CIVIL - Civil | | | | | | | | |



BEM202000792078800001

| | | |
|---|--|---|
| 1. Approving Competent Authority/Country ENAC / ITALY | 2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1 | 3. Form Tracking Number AGU - 2020 - IT44 - 10190 |
|---|--|---|

| | |
|---|--|
| 4. Organisation name and address: Leonardo S.p.a. Helicopters Località Paduni 03012 Anagni, Italy | 5. Work Order/Contract/Invoice Ref. Ord. N. 4802101923 Ref. P.L. N. 0008147274 |
|---|--|

| 6.Item | 7.Description | 8.Part No | 9.Qty. | 10.Serial No | 11.Status/Work |
|--------|--------------------------------|-----------------------------------|--------|----------------|----------------|
| 000001 | MAIN ROTOR BLADE ASSY ----- | 3G6210A00131 --- LAST ITEM --- | 1 N | V2455 ----- | REPAIRED |

12. Remarks Page: 1 of 1

ITEM : 000001
 FAA: The work identified in Block 11 has been accomplished in accordance with 14CFR Part 43 and in respect to the work, the items are approved for return to service under Certificate No. I2FY690Y
 TCCA: TCCA Approval N° 813-13 .Maintenance activities were accomplished in accordance with TCCA regulation CAR subpart 571 and CAR subpart 573.
 Inspected and repaired at 3465:6 FH and 10425 LDGS (ref. work report 20-382 for details): - erosion shield replaced (first time) - tip cap assy replaced - lightning bonding strip replaced - trim tabs replaced - surface finish and static balance

| | |
|--|---|
| 13a. Certifies that the items identified above were manufactured in conformity to: <input type="checkbox"/> approved design data and are in a condition for safe operation <input type="checkbox"/> non-approved design data specified in block 12 | 14a. <input checked="" type="checkbox"/> Part 145.A.50 Release to Service <input checked="" type="checkbox"/> Other Regulation Specified in block 12 <small>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</small> |
|--|---|

| | | | |
|---------------------------|------------------------------------|--|--|
| 13b. Authorised Signature | 13c. Approval/Authorisation Number | 14b. Authorised Signature <i>Gianluca Paris</i> | 14c. Certificate/Approval Ref.N. IT.145.0221 |
| 13d. Name | 13e. Date (dd mmm yyyy) | 14d. Name CA5085 Gianluca Paris | 14e. Date (dd mmm yyyy) 30 Jun 2020 |

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

RAPPORTO DI LAVORO
WORK REPORT

N° **20-382** DEL **29/06/2020** COMMESSA **4802101923**
O.D.A. (PURCHASE ORDER)

PROPRIETARIO ESERCENTE **BRISTOW GROUP, INC.**

CUSTOMER

DENOMINAZIONE

Main Rotor Blade Assy

PART NAME

P/N **3G6210A00131**

S/N

V2455

ORE TOT.

3465.60 F.H. - 10425 LDGS

ORE D.U.R.

N.A.

TOTAL TIME

F.S.O.

SBARCATO DA
REMOVED FROM

AW139 - G-CHEBY - 31310 CAUSA

REASON

Repair

OPERAZIONI DI MANUTENZIONE

MANUTENANCE OPERATIONS

Inspected for joints and dimensions.

- Erosion shield (first replacement) and lap plate replaced Ref. To TMI 139-491;
- Landing edge cover replaced Ref. To CR-OP 39-A-62-11-01-01A-720A-C;
- Lightning bonding strip replaced Ref. To CR-OP 39-A-62-11-01-04A-720A-C;
- Blade hole plates replaced Ref. To 139G6210M001;
- Cover replaced Ref. To CR-OP 39-A-62-11-01-05A-720A-C;
- Inboard trim tabs STA 2760 Ref. To CR-OP 39-A-62-11-01-08C-921A-C;
- Outboard trim tabs STA 5175 Ref. To CR-OP 39-A-62-11-01-08B-921A-C;
- Blade root bushings replaced, oversizes installed Ref. To 139G6210M001;
- Balance weight pocket cover replaced Ref. To CR-OP 39-A-62-11-01-06A-720A-C;
- Tip Cap Assy replaced Ref. To CR-OP 39-A-62-11-01-07A-720A-C;
- Padh replaced Ref. To R.V.T. 8000023640 (NTR-139-04091)
- Surface finish H/V and static balance performed.

MANUALI DI RIFERIMENTO

REF. MANUALS

AW139 IETP - 36th Issue: 2020-01-30, IETP Update 2020-02-27.

BOLLETTINI TECNICI/P.A. APPLICATI

TECHNICAL BULLETINS AND AIRWORTHINESS

DIRECTIVES COMPLIED WITH

SB 139-501 dated DEC/22/2017 ISSUE B dated MAY/07/2019, PART I-II.

MODIFICHE

MODIFICATIONS

This report consists of n.

sheets

LUOGO E DATA

PLACE AND DATE

LEONARDO
HELICOPTERS

29/06/2020



FIRMA (SIGNATURE)

STATIC BALANCE SHEET

COMPILED:
M. Ercoli



SB_R&O_01
Rev.4

SCHEDA DI BILANCIAMENTO STATICO

APPROVED:
A. Leone

A. Leone

P/N
PART NUMBER

DESCRIPTION
DENOMINAZIONE

S/N
SERIAL NUMBER

REFERENCE DATA
RIFERIMENTI

3G6210A00131

MAIN ROTOR BLADE

✓ 2455

CR&OP 39-A-62-11-01-00A-37DA-C
139G6210M001

FLIGHT HOURS
ORE DI VOLO

365.60 (h)

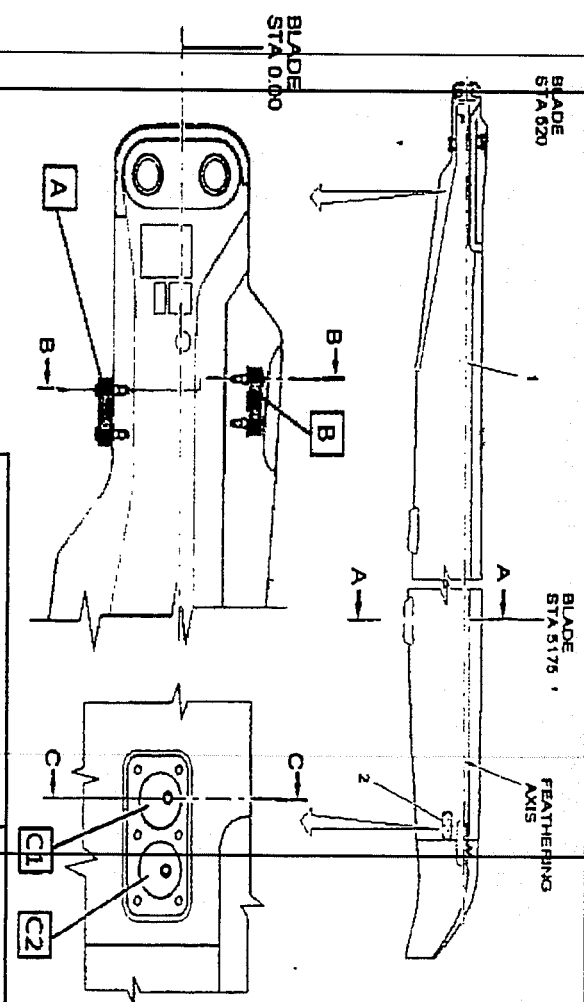
BALANCE TOOL
ATTREZZO

366210A00131A660A

N° PROTOCOLLO R&O-19-003

MASTER BLADE
PALA MASTER

366210A00131A661A



| | ALLOWABLE AMMISSIBILE | MEASURED RILEVATO |
|---|------------------------------|----------------------|
| WEIGHT INSTALLED IN POSITION "A" ZAVORRA INSTALLATA IN POSIZIONE "A" | MIN: 0g MAX: 610g | 0 |
| WEIGHT INSTALLED IN POSITION "B" ZAVORRA INSTALLATA IN POSIZIONE "B" | MIN: 0g MAX: 610g | 0 |
| WEIGHT INSTALLED IN POSITION "C1" ZAVORRA INSTALLATA IN POSIZIONE "C1" | MIN: 0g MAX: 680g | 104 |
| WEIGHT INSTALLED IN POSITION "C2" ZAVORRA INSTALLATA IN POSIZIONE "C2" | MIN: 0g MAX: 680g | 0 |
| BLADE WEIGHT PESO PALA | MIN: 64,00Kg MAX: 67,00Kg | 65,24 |
| LONGITUDINAL DEVIATION SCOSTAMENTO LONGITUDINALE | ±/- 5g (STA 6300) | 0 |
| CROSSWAY DEVIATION SCOSTAMENTO TRASVERSALE | ±/- 20g (STA 770) | 0 |
| SWEEP DEVIATION SCOSTAMENTO SWEEP | ±/- 2,6 mm (STA 5175) | 1,03E |

NOTE

DATE
DATA

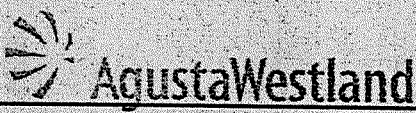
OPERATOR
OPERATORE

INSPECTOR
CONTROLLO

08 APR. 2020

BIL.
16214

[Signature]



LEONARDO HELICOPTER
CERTIFIED TRUE COPY

LOG CARD

Section 1

NOTICE: WHEN THIS ASSY IS RETURNED FOR ANY REASON TO AN AGUSTAWESTLAND GROUP FACILITY, PLEASE SEND THIS FORM UPDATED.

Chapter n° 02
Part n°

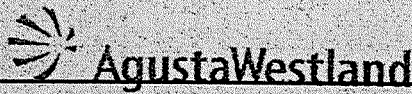
Handwritten signature and date: 09/2019

| | | | | | |
|--|--------------------------------|-------------------------|--|-------------------------------------|--|
| DESCRIPTION (1) MAIN ROTOR BLADE | P/N (2) 3G6210A00131 | S/N (3) V2455 | MANUFACTURER NAME (4) AgustaWestland | ASSEMBLY DATE (5) JULY 14 | RETIREMENT LIFE (6) 16800 FH |
| | P/N (7) | S/N (8) | MANUFACTURER NAME (9) | ASSEMBLY DATE (10) | RETIREMENT LIFE (11) 50200 Land. |
| | P/N (7) | S/N (8) | MANUFACTURER NAME (9) | ASSEMBLY DATE (10) | RETIREMENT LIFE (11) |

NOTES (12)

ASSEMBLY HISTORICAL RECORD

| INSTALLATION | | | | | | | | REMOVAL | | | | | | |
|--------------|---------------|----------|-----------------|-----------------|--------------------|-------------------|--------------------------|-------------|----------------------|-------------------------------------|--------------------|-----------------------------------|-------------------|--------------------------|
| DATE (13) | R. MARKS (14) | A/C | | ASSY | | ORGANIZATION (19) | STAMP AND SIGNATURE (20) | DATE (21) | A/C TOTAL TIME (22) | ASSY | | REASON OF REMOVAL (25) | ORGANIZATION (26) | STAMP AND SIGNATURE (27) |
| | | N/C (15) | TOTAL TIME (16) | TOTAL TIME (17) | TIME SINCE OH (18) | | | | | TOTAL TIME (23) | TIME SINCE OH (24) | | | |
| SEP. 14 | | 31579 | 00.00 | 00.00 | NEW | AW | | 05 DEC 2014 | 28-22 33 LDG | 31-56 33 LDG | | REMOVED OPS REQUIREMENT | BRISTOW | <i>JW</i> |
| 5 DEC 2014 | G-CRST | 31310 | 2138.9 4520 | 31-56 33 LDG | 31-56 33 LDGS | BHL | <i>PP. JW</i> | 03 MAY 2019 | 5572.4h 15130 LDG | 2462.26h 10377 LDGS 10425 CUL | 2465.60 | TRIM TAB DETACHED NN 300321141 | BRISTOW | <i>C. Byle</i> |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | |



LEONARDO HELICOPTER
CERTIFIED TRUE COPY **LOG CARD**

Section 3

NOTICE: WHEN THIS ASSY IS RETURNED FOR ANY REASON TO AN AGUSTAWESTLAND GROUP FACILITY, PLEASE SEND THIS FORM
UPDATED

Chapter n° 62

Part n°

42 Date 26 / 09 / 2019

ACTIVITY RECORD

| DATE (40) | ASSY TOTAL TIME (41) | TASK (42) | ACTIVITY (43) | DATE (44) | ORGANIZATION (45) | STAMP AND SIGNATURE (46) |
|--------------|--------------------------|--|---|--------------|-------------------|--------------------------|
| 17 MAR 2015 | 247.52 2358 | B9-0006P1 Phase 1 clo 12W ANIS4 MP | EASA AND TACD/B19-T/N/63208397 | 17 MAR 2015 | Bristow | H Block |
| 19 JAN 2016 | 879.52 | 1200 HR NT INSP clo TN 758409916 | | 19 JAN 16 | Bristow | [Stamp] |
| 19 JUN 2018 | 2685.21 7930 LOG | Erosion shield repair clo 1AW AMP 39-A-62-11-01-00A-66AE-B REV 32. | NN 300186767 FCI 0056292 refers | 19 JUNE 18 | Bristow | [Signature] |
| 20 JUNE 2018 | 2685.21 730LDE | 1200hr insp NN300065780 | | 20 JUNE 2018 | Bristow | [Signature] |
| 03 MAY 2019 | 3465.60 FH 10625 LOGS | TRIM TAB DEBONDED. | INSPECTED FOR VOIDR AND DIMENSIONS; REPLACED: EROSION SHIELD (FIBRE REPLACEMENT); LEADING EDGE COVER LIGHTNING BONDING STRIP BRACE HOLE PLATES COVER INBOARD AND OUTBOARD TRIM TABS BRACE ROOT BUSHINGS (OVERSHIPS INSTALLED); BALANCE WEIGHT SOCKET COVER IF CAP ASSY AND REPLACED PATCH REF. RUT 3000300 (NTR-133-00091); SURFACE FINISH HV AND SATEC BALANCE PERFORMED. | 27 JUL 2020 | LEONARDO | [Signature] |

Check List Ricezione Parti Manutenute

DPR.CSI.047.13 F01 Issue 04

Page 1

September 2019

N° Lotto di Controllo: 8000 1858187

| LHD PLANT + General | No. | Verifiche da effettuare | SI | NO |
|---------------------|-----|--|----|----|
| | 1 | Integrità dell'imballaggio | ✓ | |
| | 2 | Presenza Testo di controllo <input checked="" type="checkbox"/> PRESENTE <input type="checkbox"/> NON PRESENTE | ✓ | |
| | 3 | Documenti di Conformità e documentazione di fornitura richiesta | ✓ | |
| | 4 | Verifica presenza LOG CARD/SIA/LOG BOOK if applicable | ✓ | |
| | 5 | Verifica correttezza LOG CARD/SIA/LOG BOOK if applicable | ✓ | |
| | 6 | Disponibilità elenco parti sostituite per parti proprietà MoD Italia | | ✓ |
| | 7 | Evidenza Approvazione LH Report di Indagine quando applicabile | | ✓ |
| | 8 | Spoglio dei SB, AD, PA, PTA, SIB | ✓ | |
| | 9 | Limitazioni di immagazzinamento/preservazione | ✓ | |
| | 10 | Verifica stato di approvazione fornitore | ✓ | |
| VENDORS | 11 | Disponibilità ATP per MoD Italia | | |
| | 12 | Disponibilità dati di calibrazione Tools/GSE/AGE quando applicabile | | |
| | 13 | Evidenza Approvazione LH Report di Indagine quando applicabile | | |
| | 14 | Ispezione Visiva | | |
| Note : | | | | |

Timbro e Firma: _____



Data: 02-07-20

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.

S/N: V2455 (T/N:000000000002179849)
BATCH: 0004070459
TOT. HRS: 3465.60 / TSO HRS: N/A
LDGS-CYCLES: 10425 LDGS / TSO LDGS-CYCLES: N/A
A/C:AW139 / 31310 / G-CHBY
MANUFACTURER:AGUSTAWESTLAND S.P.A.
PLANT:LEONARDO HELIC. - CS&T
NOTIFICATION:000500147638

SI RICHIUDE LA PARTE DOPO L'ATTIVITA'

Leonardo - Società per azioni
Sede legale: Piazza Monte Giordano, 4 - 00195 Roma - Italia
Tel. +39 06 324731 Fax +39 06 3208621
Cap. Soc. € 2.543.861.738,00 I.V.
C.F. e Registro Imprese di Roma n. 00401990585
Partita IVA 00881841001 - R.E.A. n. 7031

Stabilimento S.I.
Leonardo Helic.
Località Paduni
09012 Anagni (FR)
Aganani

Prodotti Agustawestland

DOCUMENTO di
TRASPORTO **7874** **287389**

N° **FG**

Leonardo Spa # DIV 20 (TRAN
Logistic Centre Prod. Suppo
Scarico merce via Cascina
I-21029 VERGATE VA

| | | |
|--------------------------|-------------------------------------|-----------------|
| <input type="checkbox"/> | RIF. DICHIARAZIONE DI CONFORMITÀ N° | RIF. SD B147274 |
| <input type="checkbox"/> | AVVISO SPEDIZIONE N° | |
| DATA | CAUSALE TRASPORTO | COD. CLIENTE |
| 30.06.2020 | Trasferimento | 21000005 |
| COMMESSA | ORDINE CLIENTE | |
| MEZZO DI TRASPORTO | LUOGO DI SPEDIZIONE | |
| Via Corriere | ANAGNI | |

19804880

000001 366210A00131
MAIN ROTOR BLADE ASSY
S/N: 2179849 (V2455)

U.M. N QUANTITÀ 1,000 =A,ZZZ 480210192

La parte è stata verificata per
prelevamento,
movimentazione, immagazzinamento
e imballaggio, e per corretta
applicazione di eventuali
bolleptini tecnici
prescrizioni di
aeromavigabilità. prima della
consegna.

Data Impronta e Firma

DOCUMENTO DI TRASPORTO EMESSO AI SENSI DEL D.P.R. 472/96

| | | |
|-------------------|--------------------------|--------------------------|
| TIP. E N. COLLI | VEETTORE | DATA PARTO |
| | Man 15 | 30/6/20 |
| PERG. | LORO KG. | FIRMA CONDUCENTE |
| | NETTO KG. | DATA RITIRO |
| TRASF. A CURA DEL | MITTENTE | DESTINATARIO |
| | <input type="checkbox"/> | <input type="checkbox"/> |
| | <input type="checkbox"/> | <input type="checkbox"/> |
| | <input type="checkbox"/> | <input type="checkbox"/> |
| | <input type="checkbox"/> | <input type="checkbox"/> |

(1) INDICARE OBBLIGATORIAMENTE UNA DELLE SEGUENTI CAUSALI (IN CASO DI COMPILAZIONE MANUALE E SUFFICIENTE APPORRE UNA CROCIETTA NELLA CASELLA CORRISPONDENTE)

Vendita
 Garanzia
 Trasferimenti interni
 Conto lavorazione
 Fuso da

LEONARDO ELICOTTERI
STABILIMENTO DI VERGATE
CARPINO SIMONE

ACCETTATO CON
RISERVA
FIRMA DESTINATARIO
FIRMA VETTORE

019804880

AUTORE
di Andrioccioli e Figli
Via Nuova, 8 - 28040 BORGGO (NO)
Cod. Fisc. e P.IVA 02098420033
N. 1197 Albo Trasp. NO 065354410
E-Mail: servizi@andrioccioli.it