

1. Approving Civil Aviation Authority
Country
FAA/United States

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

3. Form Tracking Number:
Repair Order #: 8170
Revision #:

4. Organization Name and Address:
Rotor-Tech International
6700 CE Dixon Street, Stockton, CA 95206, Certificate No. R4TR418N P (209) 546-0380 Fax: (209) 546-0383

5. Work order/Contract/Invoice
Customer
P.O. Number: R2021-77D

6. Item:
1. Main Rotor Blade

7. Description:
C621A1006103

8. Part Number:
1

9. Quantity:
1

10. Serial/Batch Number:
2007

11. Status/Work:
Repaired

12. Remarks:
- ECF.120.MR.01.101 Inspection EC 120 AMM 62-11-00, 6-1
 - ECF.120.MR.01.112 Replacement of Abrasion Strip - Position 1 ECF.120.MR.01-RD.01-5
 - ECF.120.MR.01.107 Caulking of Separations on SS Abrasion Strip 3, EC 120 AMM 62-11-00, 8-7
OB Edge, Upper and Lower Surface
 - ECF.120.MR.01.102 Refinishing EC 120 AMM 62-11-00, 8-1
ECF.SPM.RB.01.001
 - ECF.120.MR.01.105 Static Balance ACS.SPM.RB.01.002

Rotor-Tech International certifies that the work specified in Block 11 & 12 was carried out in accordance with EASA Part 145, and in respect to that work, the component is considered ready to release to service under EASA Part 145 Approval No. EASA.145.6948.

TSN: 6106.1

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

Approved design data and are in condition for safe operation.

Non-approved design data specified in block 12.

13b. Signature

13c. Approval Organization Number

13d. Name

13e. Date (dd/mm/yyyy)

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

14b. Authorized Signature **Ernesto Luna**

14c. Approval/Certificate No. **R4TR418N**

14d. Name (Typed/Printed)

14e. Date (dd-mm-yyyy) **03/Feb/2022**


14f. **RTI 9**

13. 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: AE1828741	
4. Organization Name and Address: Airbus Helicopters, Inc. 2701 N. Forum Drive, Grand Prairie Texas 75052-7099		CRS VY1R575K		5. Work Order/ Contract/ Invoice Number: 11000425087	
6. Item: 1	7. Description: MAIN ROTOR BLADE	8. Part Number: C621A1006 103	9. Quantity: 1	10. Serial Number: 2007	11. Status/ Work: Repaired
12. Remarks: Maintenance Release: Airbus Helicopters, Inc. certifies that the part or component identified herein has been Repaired in accordance with Airbus Helicopters Manual: Inspected blade I.A.W. AMM 62-11-00,6-1 (Rev 00400). Replaced. L/S poly I.A.W. AMM-62-11-00,8-3 (Rev 00400) Replaced. Weight cover support I-A-W. AMM- 62-11-00,8-8. (Rev 00400)SB 62-011 (Rev 0). Paint Refinished I.A.W.62-10-00-882 (Rev 004). Static balanced I.A.W. 62-10-00-805 (004). Detail on AHI under SC# 11000425087.					
TSN: 5453.3		TSO: Not Required Cycles: Not Required			
13a. Certifies 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.					
13b. Authorized Signature:		13c. Approval/ Authorization No.:		14c. Approval/ Certificate No.:	
		CRS VY1R575K		CRS VY1R575K	
13d. Name (Typed or Printed):		13e. Date (dd/ mmm/ yyyy):		14e. Date (dd/ mmm/ yyyy):	
Xaybanha, John				09/ Oct/ 2018	
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.					

OPERATION CONTROL TICKET

Notification: 100871278 Sales Doc/Line: 2999568 / 1000

Priority Issue Date 08/29/2018 TYPE Customer Owned RP/OH AHI / AHCA Start Date 08/29/2018 Finish Date 08/29/2018

COMPONENT			
SERVICE ORDER	MFG PART NUMBER	SERIAL NUMBER	VERSION
11000425087	G621A1006103	2007	EC120
QUANTITY	NOMENCLATURE	TSN:5453.3	TOTAL CYCLES
1 PC	MRB EC120	TSO:	

AIRCRAFT			
MODEL EC120	TTL TIME 4886.8	CUSTOMER	PAE AVIATION & TECHNIC
S/N 1491	REGISTRAT N374HS		

DESCRIPTION OF WORK TO BE PERFORMED

Inspected blade I.A.W. AMM 62-11-00,6-1 (Rev 00400). Replaced. I/S poly I.A.W. AMM-62-11-00,8-3 (Rev 00400) Replaced. Weight cover support I-A-W AMM- 62-11-00,8-8. (Rev 00400)SB 62-011 (Rev 0). Paint Refinished I.A.W.62-10-00-882 (Rev 004). Static balanced I.A.W. 62-10-00-805 (004).

Julio Lopez (2481) Date 10-9-18

I hereby certify that the repair, overhaul, or modification of this unit, as identified on its permanent SERVICE ORDER / PRODUCTION ORDER file, has been done in accordance with current regulations of the Federal Aviation Administration and manufacturers recommendations. This unit is approved for return to service. Pertinent details are on file at this repair station under authorization and a copy supplied to the customer.

Airbus Helicopters, Inc.

Repair Station No. VY1R575K



Signature: *Julio Lopez* Date: OCT 09 2018

Note: No other work is to be performed other than those items listed on this SERVICE ORDER / PRODUCTION ORDER. If safety of flight items are discovered, contact writer so proper authorization can be obtained prior to performance of additional work.

014 Maintenance Record

Work Order: 374HS-2021-1-0001-0001

048 Maintenance Site	048 Status	048 Discovered Date	When Discovered
Yuma	-	12/18/2020	Due Items

Air Branch/Unit: Yuma Discovered Date: 12/18/2020

Discovered by: (First/Last) Pablo Moreno Flight Hours: 5684.8

ATA Code: 62000 Main Rotor System Status: -

Inspection Task#: Repeat Discrepancy #:

JCN Description: Comply with 500 hour inspection in reference to MSM 05-22-00 on two Main Rotor blades part number: C621A1006103, serial numbers: 2004 and 2007.

IP Inspection Description:

IP Inspected By:

Malfuction Code: Due Service/Maintenance Action Taken Code: Inspected

Maintenance Action: Complied with 500 hour inspection IRT MSM 05-22-00 Rev. 2020.03.09, AMM 62-11-00, 6-1 Rev. 2018.03.15, AMM 62-11-00, 6-8 Rev. 2006.05.12, AMM 62-11-00, 6-7 Rev. 2007.05.18. Found blade P/N: C621A1006103 S/N: 2004 to be un-airworthy per AMM 62-11-00, 6-8 Zone B, and found blade P/N: C621A1006103 S/N: 2007 to be un-airworthy per AMM 62-11-00, 6-7 Zone A (item 1 and 4). Both blades will need to be sent out for repairs.

The Maintenance Action involves a Required Inspection Item per SOI TS-CBP-9008 Rev. 10 Yes No

Date Corrective Action Completed: 12/18/2020

Act/Equip Hours: 5684.8 FOD/Tool Check Complete:

Work Performed By: Matthew Sargent C AP3849636 Inspected By: Pablo Moreno C AP2789016IA



The Inspector certifies the aircraft/article is airworthy with respect to the maintenance, preventive maintenance, or alterations listed and performed under the privileges of FAA Part 145 when a CRS Number has been provided.

For Official Use Only

Print

621002

Fiche n° 1
Log Card n°

FICHE MATRICULE / LOG CARD *

Fiche suiveuse Matériel-neuf Equipment record card New equipment *

1 Identification du matériel Material identification

Dénomination PALE ROTOR PRINCIPAL
Name Main Rotor Blades

Nomenclature OTAN C 621A 1006103
NATO Nomenclature

Référence EC

Référence fabricant Code OTAN fabricant F 0210
Manufacturer's Part number NATO Manuf code

Configuration de livraison Version
Delivery configuration Version

Numéro de série 2007 **Amendements**
Serial number Amendments

Fabricant EUROCOPTER **Type**
Supplier Type

2 Marché ou commande Contract or order

Référence **Date**
Reference *Date*

Organisme émetteur **N° ou lot**
Issuing agency *Kit n°*


Fournisseur **Adresse**
Contractor *Address*

3 Garantie Guarantee


Matériel <i>Material</i>	Date de livraison <i>Date of delivery</i>	Durée garantie de stockage <i>Guarantee storage period</i>	Date de mise en service <i>Service date</i>	Durée Garantie de fonctionnement <i>Guarantee operation period</i>
Fab / Man				

4 Renseignements Particuliers Special information

Di : - 5' Tabs. : 0°/0°/0°/0°+1°/0°/0°

L. Edge No.1 weight 256.3 grs. 

Réglée suivant standard (Standard balancing)




Limite de fonctionnement <i>Operating limit</i>	Limite de vie <i>Life limit</i>
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* Delete as necessary

6 Contrôle d'exécution des modifications et des Services Bulletins Modification and Services Bulletin checking

Numéro N°	Nature de la Modification <i>Type of modification</i>	Unité ou Société d'Exécution <i>Performing Unit or contractor</i>	Date d'exécution et tampon de contrôle <i>Performing date Inspection stamp</i>

Unité ou société Contractor	Date	Version et N° Appareil <i>Aircraft Version and SN</i>	Fonctionnement <i>Operation</i>			Attestation / Certif. 
			Support <i>Support</i>	Partiel <i>Partial</i>	Total <i>Total</i>	
E.C	18/04/2007				0 heure	Fab/Manuf. Récept/Receipt Destockage/Depreservation
EC	05/07	EC120B 1450	0H	0H	0H	V.P/Periodic Overhaul A3 Montage/Fitting CE

