



## ASSEMBLY HISTORICAL RECORD

65

CHAP. N° .....

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

PART. ....

**ASSEMBLY NAME** MAIN ROTOR BLADE   
 **PART. N°** 709-0103-01-109   
 **SERIAL N°** J44992 (W)   
**ASSEMBLY DATE** Oct. 02   
**RETIREMENT LIFE** 25000 (HOURS)

INSTALLATION							REMOVAL					
DATE	INSTALLED ON A/C		ACTIVITY	A/C TOTAL TIME	ASSY LIFE		SIGNATURE	DATE	A/C TOTAL TIME	ASSY LIFE		REASON OF REMOVAL
	BUREAU N° REGISTRATION MARKS	SERIAL N°			TOTAL TIME	TIME SINCE OH				TOTAL TIME	TIME SINCE OH	
JAN. 03	9M-BOB	11212	AGUSTA	00.00	00.00	NEW		26.03.2013	2709.20	2709.20	NEW	FOUND BUSHING FOR BLADE RETENTION BOLT (FWD BUSHING) WORN TO LIMIT (DR: 1271/BOB)
24.07.2017	9M-BOB	11212	AGUSTA	313.20	2709.20	NEW	 (DR: 1271/BOB)					

Mod. AG GEN 186.101



**AIROD**

# DISCREPANCY REPORT

AIRCRAFT TYPE: A109E REG. NO: AM-BOB DR. NO: 1795, BOB

SOURCE REFERENCE: ETP 62-11-6

DATE RAISED: 24/07/17 CHECK TYPE: WORK ORDER (JCN): 182017BOB

DISCREPANCY 

AF HRS	3113.20	NO.1 ENG	3113.20	(TSM/TSO)	NO.2 ENG	3113.20	(TSM/TSO)
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VIBRATION CHECK FAIL DURING M/R TRACK/BALANCE WHITE MAIN ROTOR BLADE S/N AS-2251 TO BE REPLACE.

RAISED BY: Ghman SIGN & STAMP: [Signature] **QAP 949 ASB** DATE: 24/7/17

DISPOSITION  
TO C/OUT WHITE MAIN ROTOR BLADE REPLACEMENT.

SIGN: [Signature] STAMP: **QAP 949 ASB** DATE: 24/7/17

MHP: MHA: CUST. APP. SIGNATURE: MATERIAL COST:

CORRECTIVE ACTION  
WHITE MAIN ROTOR BLADE S/N AS-2251 REPLACED WITH NEW M/R BLADE S/N 0344992 AND FOUND (SAF) FACTORY 1 AW ETP 62-11-6 (1827/DTD 14.12.16) M/R TRACK/BALANCE C/OUT REFER TO BOB

MECH: **AVC 993 ASB**

LAE/AH & DATE: [Signature] **QAP 949 ASB** 24/07/17


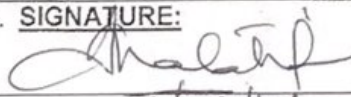


COMPONENT/ PART CHANGE

PART NO.	DESCRIPTION	S/NO. ON	S/NO. OFF	QTY	BATCH NO.
<u>709-0103</u>	<u>M/R BLADE (WHITE)</u>	<u>0344992</u>	<u>AS-0251</u>	<u>01</u>	<u>2014-IT-1402085</u>
<u>01-109</u>					

DUPLICATE / RII / CRITICAL TASK  
First Insp. Sign / Stamp / Date: [Signature] **QAP 949 ASB** 24/7/17  
Second Insp. Sign / Stamp / Date: [Signature] **QAP 1014 ASB** 24/7/17

The work recorded above has been carried out in accordance with the requirements of the CAR-16 for the time being in force and in that respect, the aircraft / equipment is considered fit for release to service.



1. Doc. Control No. <u>1795-1/BOB</u>		<b>DUPLICATE INSPECTION CERTIFICATE</b> (Inspection of Vital Points and/or Controls)		MOE 2-15-1  BCAR Chap A6-2	
<p><u>DUPLICATE INSPECTION:</u> All licensed engineers or Company Approval Holders shall ensure that Duplicate Inspection is performed iaw MOE 2-15-1 on the aircraft and engine control systems and vital points as specified by the relevant airworthiness authority, before a Certificate of Release to Service for an aircraft or engine is issued. Duplicate Inspections ensure that the system affected by maintenance have been assembled and adjusted and locking devices made safe iaw the approved procedures and that the controls and components have free movement and correct sense throughout the specified operating range.</p>					
2. ACFT MODEL: <u>A109E</u>		3. SERIAL NO: <u>11212</u>		4. JCN: <u>LB2017BOB</u>	
5. DESCRIPTION (SYSTEM): <u>62 MAIN ROTOR.</u>					
<b>WARNING:</b> Duplicate Inspections shall be accomplished by authorized personnel with valid/current certification iaw MOE 3-4 (as revised).					
<b>ASSOCIATED WITH</b>					
6. <u>SHOP INSTRUCTIONS</u>			7. <u>MAINTENANCE ACTION FORM</u>		
8. Certify Duplicate Inspection has been carried out on the control and associated component from <u>MAIN ROTOR BLADE ATTACHMENT</u>  To <u>MAIN ROTOR GRIP ATTACHMENT AND GRIP PARING ATTACHMENTS.</u>					
for correct assembly, locking and full, free and correct directional movement.					
Duplicate Inspection recorded herein carried out as per MOE 2-15-1 & BCAR Section 'A', Chapter A6-2, Paragraph 10.					
<b>1<sup>ST</sup> INSPECTOR</b>			<b>2<sup>ND</sup> INSPECTOR</b>		
9. <u>NAME:</u> <u>Atman</u>		9d. <u>AH/LAME STAMP/NO.</u>  		10. <u>NAME:</u> <u>MUSTAFA</u>	
9a. <u>SIGNATURE:</u> 				10a. <u>SIGNATURE:</u> 	
9b. <u>DATE:</u> <u>24/7/17</u>				10b. <u>DATE:</u> <u>24/7/17</u>	
9c. <u>TIME:</u> <u>1000</u>				10c. <u>TIME:</u> <u>1005</u>	
				10d. <u>AH/LAME STAMP/NO.</u>  	


1. Approving Competent Authority / Country (Autorità competente/Paese che rilascia l'autorizzazione)		2. <b>AUTHORISED RELEASE</b> (CERTIFICATO DI RIAMMISSIONE)	
ENAC / ITALY		AGUSTAWESTLAND S.p.A. - STABILIMENTO Località Paduni, 03012 Anagni (FR)	
4. Organisation Name and Address (Impresa nome e indirizzo)	7. Description (Descrizione)	8. Part No. (P/N)	709-0103-01-109
6. Item (N° progressivo)	1	MAIN ROTOR BLADE ASSY	
12. Remarks (Osservazioni)			
INSPECTED REF. TO WORK REPORT N° 14/115 DATED 14/MARCH/2014			
13a. Certifies that the items identified above were manufactured in conformity to (Certifica che i prodotti sopra identificati sono fabbricati in conformità a)			
<input type="checkbox"/> approved design data and are in a condition for safe operation (dati di progettazione e approvati sono in condizioni idonee e garantire la sicurezza di funzionamento)			
<input type="checkbox"/> non-approved design data specified in block 12 (dati di progettazione non approvati specificati nel riquadro 12)			
13b. Authorised Signature (Firma autorizzata)		13c. Approval / Authorisation Number (N° di approvazione/autorizzazione)	
13d. Name (Nome)		13e. Date (dd / mmm / yyyy) (Data gg/mm/aaaa)	

USER/INSTALLER RESPONSIBILITIES (RESPONSABILITA' DELL'UTENTE/INSTALLATORE)

This certificate does not automatically constitute authority to install the item(s). (Il presente certificato non costituisce automaticamente un'autorizzazione a installare i prodotti.)

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. (So l'utente/installatore lavora secondo le direttive nazionali di un'autorità aeronautica diversa da quanto specificato nel riquadro 1, è tenuto obbligatoriamente a verificare che l'autorità aeronautica cui fa capo accetta i prodotti dell'autorità specificata nel riquadro 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. (Le dichiarazioni di cui ai punti 13a e 14a non costituiscono una certificazione dell'installazione. In qualsiasi caso, la documentazione della manutenzione agli aeromobili deve contenere un certificato di installazione rilasciato dall'utente/installatore in conformità alle normative nazionali, prima che l'aeromobile torni a volare.)

 <b>AIROD SENDIRIAN BERHAD</b> (A SUBSIDIARY COMPANY OF AEROSPACE INDUSTRIES MALAYSIA) Subang International Airport, Selangor, Malaysia. Telex : MA 37910		
Serviceable Tag Material		
PART NUMBER 709-0103-01-109	NEXT INSPECTION DUE/OVER 25,000 HRS	CONDITION CODE INSP.
DESCRIPTION/NOUN MAIN ROTOR BLADE		
SERIAL No. / LOT No. J44992	INSPECTION ACTIVITY KESUMA	
QUANTITY 01	UNIT OF ISSUE EA	* RELEASE NOTE / APPROVED CERTIFICATE / ARC NO: AGU 2014-IT1400085
REMARKS Chk. Acc, coc, REPORT & LC MY/13-695		
* DELETE AS APPROPRIATE		
		85-601A

Tracking Number (numero di riferimento del modulo)	AGU 2014-IT1400085
Order/Contract/Invoice (Ordine/Contratto/Fattura)	AA50002919-14-B20.414
Work (Tipo d'intervento)	INSPECTED
Regulation specified in block 12 (regolamento specificato nel riquadro 12)	
Notified in block 11 and described in block 12, that work the items are considered ready for the individuals in the box 11 e descritti nel riquadro 12, in riferimento a tali interventi, gli items sono	
Approval Ref. No. (certificato/approvazione)	IT.145.0226
Date (dd / mmm / yyyy) (Data gg/mm/aaaa)	14/MARCH/2014



# ASSEMBLY HISTORICAL RECORD


65

CHAP. N° .....

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

PART. ....

ASSEMBLY NAME **MAIN ROTOR BLADE** PART. N° ..... SERIAL N° **J44994** (BLUE) ~~(X)~~ ASSEMBLY DATE **Oct. 02** RETIREMENT LIFE **25000** (HOURS)

INSTALLATION							REMOVAL					
DATE	INSTALLED ON A/C		ACTIVITY	A/C TOTAL TIME	ASSY LIFE		SIGNATURE	DATE	A/C TOTAL TIME	ASSY LIFE		REASON OF REMOVAL
	BUREAU N° REGISTRATION MARKS	SERIAL N°			TOTAL TIME	TIME SINCE OH				TOTAL TIME	TIME SINCE OH	
JAN. 03	9M-BOB	11212	AGUSTA	00.00	00.00	NEW						



# LOG CARD

Sezione 1

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

Chapter n° 65  
Part n° .....

DESCRIPTION (1) MAIN ROTOR BLADE ASS. ALA R/P	P/N (2) <u>709-0103-01-109</u>	S/N (3) <u>7888</u>		MANUFACTURER NAME (4) <u>AGUSTA-ANAGNI</u>	ASSEMBLY DATE (5) <u>19 SET. 2007</u>	RETIREMENT LIFE (6) <u>25,000</u>
	P/N (7)	S/N (8) <u>(RED)</u>		MANUFACTURER NAME (9)	DATE OF CHANGE (10)	RETIREMENT LIFE (11)
	P/N (7)	S/N (8)	MANUFACTURER NAME (9)	DATE OF CHANGE (10)	RETIREMENT LIFE (11)	

NOTES (12) DUE: 27,701.00

## ASSEMBLY HISTORICAL RECORD

INSTALLATION							REMOVAL							
DATE (13)	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)
	R. MARKS (14)	N/C (15)	TOTAL TIME (16)	TOTAL TIME (17)	TIME SINCE OH (18)					TOTAL TIME (23)	TIME SINCE OH (24)			
<u>08.02.2013</u>	<u>AM-BOB</u>	<u>11212</u>	<u>2701.00</u>	<u>0.00</u>	<u>NEW</u>	<u>AIRCO SON. BHD.</u>	<u>DR: 1267/BOB</u> 							



# DISCREPANCY REPORT


AIRCRAFT TYPE: A109E REG. NO: 9M-B08 DR. NO: 1267 / B08

SOURCE REFERENCE:  
 DATE RAISED: 07/02/13 CHECK TYPE: POST FLT WORK ORDER (JCN): LB2013B08


DISCREPANCY  

A/F HRS	<u>2701.00</u>	NO.1 ENG	<u>2701.00</u>	(TSN/ISS)	NO.2 ENG	<u>348.30</u>	(TSN/ISS)
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 MAIN ROTOR BLADE S/N. J44993 (RED) FOUND DENTED AT TIP CAP DURING POST FLIGHT INSPECTION.

RAISED BY: ATIKAH AHMAD SIGN & STAMP:  DATE: 7/2/13

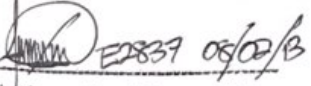
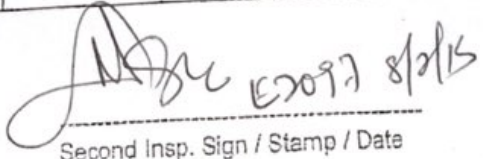
DISPOSITION  
 C/OI REPLACEMENT OF MAIN ROTOR BLADE IAW IETP MM SECT 62-11-6. (IETP ISSUE 20)

SIGN:  STAMP: E2837 DATE: 07/02/13

MHP: <u>13006</u> <u>20.0</u>	MH/:	CUST. APP. SIGNATURE:	MATERIAL COST:
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CORRECTIVE ACTION MAIN ROTOR BLADE REPLACED IAW IETP MM SECT 62-11-6. FOUND SAT.	MECH	LAE/IAH & DATE
		

COMPONENT/ PART CHANGE					
PART NO.	DESCRIPTION	S/NO. ON	S/NO. OFF	QTY.	BATCH NO.
<u>709-0103-01-109</u>	<u>MAIN ROTOR BLADE</u>	<u>P888</u>	<u>J44993</u>	<u>01</u>	<u>AGU2009-21670</u>

DUPLICATE / RII / CRITICAL TASK  
 First Insp. Sign / Stamp / Date:   
 Second Insp. Sign / Stamp / Date: 

The work recorded above has been carried out in accordance with the requirements of the MCAR for the time being in force and in that respect, the aircraft / equipment is considered fit for release to service.



# LOG CARD

Sezione 1

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

Chapter n° 65  
Part n° .....

DESCRIPTION (1) <b>MAIN ROTOR BLADE)</b>  <b>ASS. TALA 2/P</b>	P/N (2) <b>709-0103-01-109</b>	S/N (3) <b>7889</b>	MANUFACTURER NAME (4) <b>AGUSTA-ANAGNI</b>	ASSEMBLY DATE (5) <b>18 SET. 2007</b>	RETIREMENT LIFE (6) <b>25000</b>
	P/N (7)	S/N (8) <b>(YELLOW)</b>	MANUFACTURER NAME (9)	DATE OF CHANGE (10)	RETIREMENT LIFE (11)
	P/N (7)	S/N (8)	MANUFACTURER NAME (9)	DATE OF CHANGE (10)	RETIREMENT LIFE (11)

NOTES (12)

## ASSEMBLY HISTORICAL RECORD

INSTALLATION							REMOVAL							
DATE (13)	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)
	R. MARKS (14)	N/C (15)	TOTAL TIME (16)	TOTAL TIME (17)	TIME SINCE OH (18)					TOTAL TIME (23)	TIME SINCE OH (24)			
<b>26.08 2013</b>	<b>OH- BOB</b>	<b>11212</b>	<b>2701. 20</b>	<b>0.00</b>	<b>NEW</b>	<b>AIRCO</b>	<b>DR. 1271/ BOB</b>							





**AIROD**

# DISCREPANCY REPORT

AIRCRAFT TYPE: Δ105G REG. NO: 9M-BOB DR. NO: 1279 / BOB

SOURCE REFERENCE: APPENDIX P4, SECT 1, PARA 1-1

DATE RAISED: 14/03/13 CHECK TYPE: 200HRS SMI WORK ORDER (JCN): LE202688

DISCREPANCY 


A/F HRS	<u>701.20</u>	NO.1 ENG	<u>2709.20</u>	(TSN/TSO)	NO.2 ENG	<u>312.50</u>	(TSN/TSO)
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MAIN ROTOR BLADE P/N 709-0103-01-109, S/N: J4492 (BLUE BLADE) FOUND BUSHING FOR BLADE RETENTION BOLT (FOUND BUSHING) WORN TO LIMIT.

RAISED BY: ALF SHAH SIGN & STAMP:  E2837 DATE: 14/03/13

### DISPOSITION

FOR REPLACEMENT OF MAIN ROTOR BLADE ASSY LAW ITEM ISSUE 20, MM OCAP 62-11-6.

SIGN:  STAMP: E2837 DATE: 25/03/13

MHP: <u>3.0</u>	MH/:	CUST. APP. SIGNATURE:	MATERIAL COST:
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### CORRECTIVE ACTION

MAIN ROTOR BLADE QTY: 01 REPLACED W/IN ITEM ISSUE 20, MM OCAP 62-11-6. FOUND S.A.I.

### MECH



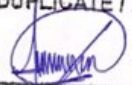
### LAE/AH & DATE

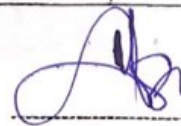
 E2837  
26/03/13

### COMPONENT / PART CHANGE

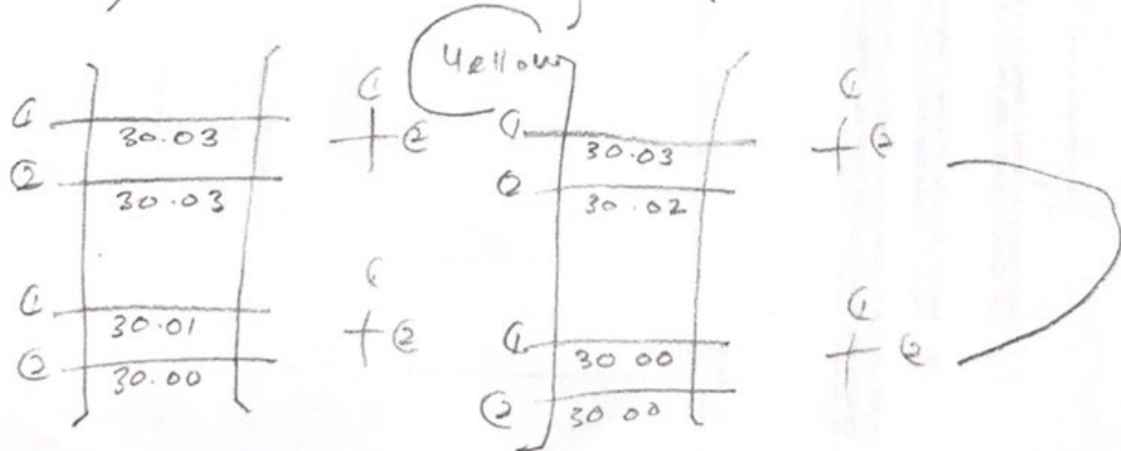
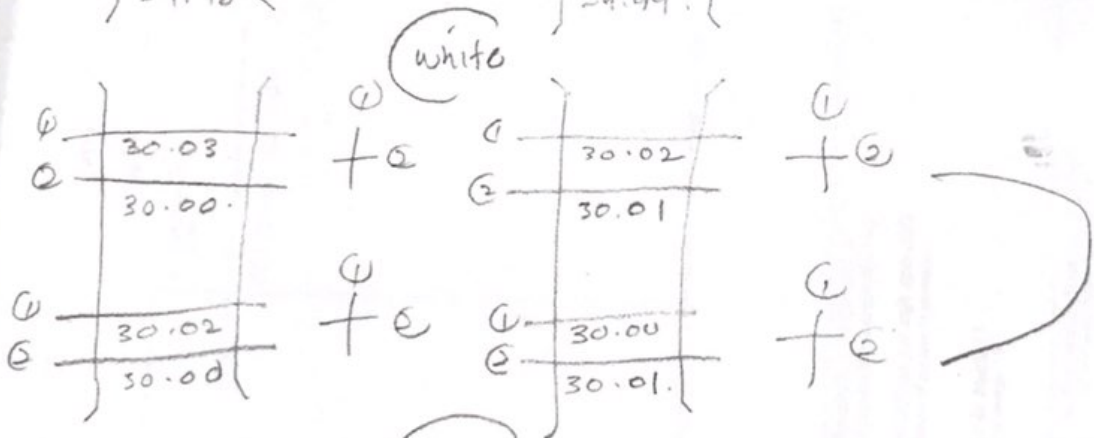
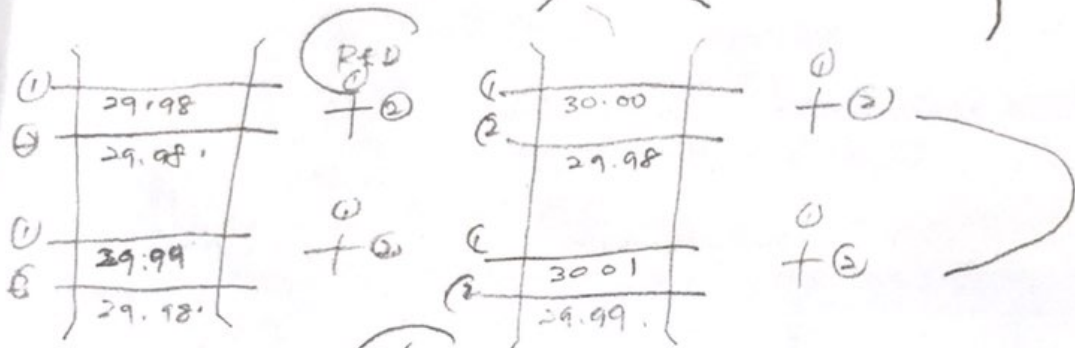
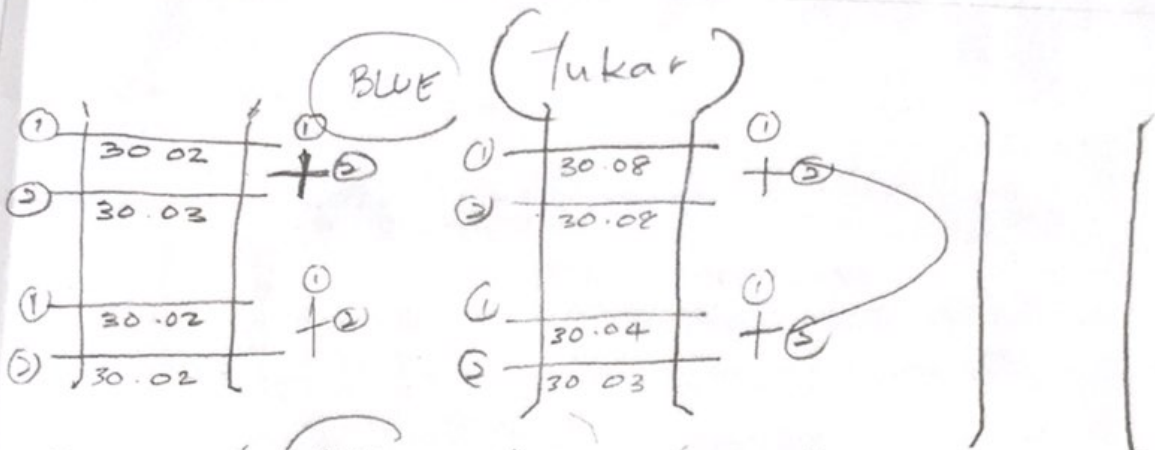
PART NO.	DESCRIPTION	S/NO. ON	S/NO. OFF	QTY.	BATCH NO.
<u>709-0103-01-109</u>	<u>MAIN ROTOR BLADE (BLUE)</u>	<u>P 889</u>	<u>J 4492</u>	<u>01</u>	<u>AEU2007-2070</u>

### DUPLICATE / RII / CRITICAL TASK

 E2837 26/03/13  
First Insp. Sign / Stamp / Date

 E2837 26/3/13  
Second Insp. Sign / Stamp / Date

The work recorded above has been carried out in accordance with the requirements of the MCAR for the time being in force and in that respect, the aircraft / equipment is considered fit for release to service.



Authority/Country  
(autorità competente per l'approvazione /paese d'approvazione)  
**ENAC / ITALIA**

**2. AUTHORIZED RELEASE CERTIFICATE EASA**  
(Certificato di riammissione in servizio - EASA Modello 1)

AGU-2007-2167

4. Approved organisation name and address:  
(denominazione e indirizzo dell'impresa approvata)

**AGUSTA S.p.a.**  
Via G. Agusta 520  
21017 Samarate (VA), Italy

5. Work Order/Contract/Invoice  
(ordine di lavoro/contratto/fattura)

RIF. PACK.L. N. 0189132

6. Item (N. progr.)	7. Description (descrizione)	8. Part Number (P/N)	9. Eligibility (limite)	12. Status/Work (stato/tipo di intervento)
00001	BLADE ASSY, MAIN ROTOR	709-0103-01-109		MANUFACTURED
13. Remarks (annotazioni)				
14. Certifies that items identified above were manufactured in conformity to: (si certifica che gli items sopra indicati sono stati prodotti in conformità a):				
<input checked="" type="checkbox"/> Approved design data and are in condition for safe operation Dati di progetto approvati e sono in condizione di operare in sicurezza  <input type="checkbox"/> Non approved design data specified in block 13 Dati di progetto non approvati specificati nel campo 13				
15. Authorized Signature (firma autorizzata)		16. Approval/Authorisation Number (N. dell'approvazione/autorizzazione) <b>IT.21G.0007</b>		
17. Name (nome e cognome)		18. Date (d/m/y) (data gg/mm/aa) <b>07-NOV-2007</b>		

**SERVICEABLE TAG MATERIAL**

PART NUMBER <b>709-0103-01-109</b>	DESCRIPTION/NOU <b>MAIN ROTOR BLADE</b>	NEXT INSPECTION DUE/OVER <b>NEW</b>	CONDITION CODE <b>NEW</b>
SERIAL No./LOT No. <b>P 229</b>	INSPECTION ACTIVITY <b>LES/MA</b>	RELEASE NOTIFIED/ APPROVED CERTIFICATE/ARC NO: <b>AGM 2007-21670</b>	
QUANTITY <b>01</b>	UNIT OF ISSUE <b>EA</b>	REMARKS <b>NEW/07-21670</b>	

**AIROD SENDIRIAN BERHAD**  
(A SUBSIDIARY COMPANY OF AEROSPACE INDUSTRIES MALAYSIA)  
Subang International Airport, Selangor, Malaysia. Telex : MA 37910

**Serviceable Tag Material**

\* DELETE AS APPROPRIATE

**85-601A**

1 DI PAG. 1

ulation specified in block 13  
specified in block 12 and  
and in respect to  
ificati nel campo 12 e descritti nel  
si suddetti lavori, gli items sono  
oval Ref. No.  
v/Approvazione)