

1. Approving Civil Aviation
Authority/Country:
FAA United States

2.

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

3. Form Tracking Number:
Q.A.-1694-628-2018

4. Organization Name and Address:

5. Work Order/ Contract/ Invoice
Number:
2018E-628

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1.	ENGINE	CFM56-5B2/P	1	575212	REPAIRED

12. Remarks: **ENGINE: T.T. : 38616 T.C. : 24996**

1. CUSTOMER [REDACTED] RO: R2610917 (ETR 315 REV 1).
2. REMOVED FROM A/C I-BIKC POS 1.
3. ENGINE RECEIVED FOR PERFORMANCE RESTORATION AND LLP's REPLACEMENT.
4. ENGINE WAS INSPECTED, REPAIRED AND TESTED AS REQUIRED IN ACCORDANCE WITH ENGINE SHOP MANUAL P/N: CFMI-TP.SM.9 REV.72 MAR 15, 2018.
5. ENGINE WAS CONVERTED FROM -5B4/P ENGINE DASH TO -5B2/P ENGINE DASH I.A.W CFMI SB 72-0625R2.
6. FOR DETAILS OF MAINTENANCE REFER TO MAINTENANCE RELEASE FORM APP. 2
7. FOR AD's INCORPORATED REFER TO APP. 6.
8. FOR SB's INCORPORATED REFER TO MAINTENANCE RELEASE FORM APP. 2
9. FOR TEST SUMMARY SHEET REFER TO APP. 12
10. FOR ENGINE BORESCOPE CHECK REFER TO APP. 13
11. ENGINE OIL AND FUEL SYSTEMS PRESERVED FOR 365 DAYS I.A.W ESM ESM TASK 72-00-00-500-001-0. EXPIRY DATE APR 10, 2019.
12. OPEN ACTION ITEMS MUST BE CLOSED BY THE CUSTOMER PRIOR TO INSTALLATION ENGINE ON A/C.

13a. Certifies the items identified above were manufactured in conformity to:		14a <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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 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: [REDACTED]	14c. Approval Certificate No.: [REDACTED]
13d. name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): [REDACTED]	14e. Date (dd/mmm/yyyy): 16 APR 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 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.

FAA CRS No.MK1Y325K
 EASA APPROVAL No. 145.0029
 C.A.A.I-01

Life Limited Parts for: CFM56-5B2/P

Eng s/n: 575212

Customer: [REDACTED]

TSN: 38616.00

CSN: 24996

Cycles remaining:

CFM56-5B2/P : 9086 CFM56-5B4/P : 9086

ENG. WORK RECORD NO.: 2018E628

Description	P/N	S/N	TSN	CSN	Total Cycles			Cycles Limit		Remaining Cycles		Remarks
					5B3/P	5B5/P	5B2/P	5B4/P	5B2/P	5B4/P	5B2/P	5B4/P
FAN & BOOSTER MODULE	SMDL1/P	21X75212	38616	24996								
FAN DISK	338-001-504-0	BA989279-D	45876	18860	18860	0	0	0	30000	30000	11140	11140
BOOSTER SPOOL	338-001-906-0	DY913055	0	0	0	0	0	0	30000	30000	30000	30000
NO.1 & NO.2 BRG. SUPPORT	SMDL2	22X75212	38616	24996								
FAN SHAFT ASSY.	338-010-601-0	DC902481	29306	19998	0	19998	0	0	30000	30000	10002	10002
HPC ROTOR MODULE	SMDL5/P	31X75212	38616	24996								
HPC FRONT SHAFT	1386M56P03	GWN0MW4D	14417	10914	0	0	4041	6873	20000	20000	9086	9086
SPOOL C.STG. 1-2	1558M31G07	GWN0N2RM	14417	10914	0	0	4041	6873	20000	20000	9086	9086
COMP. DISK STG.3	2116M23P01	XAES6944	14417	10914	0	0	4041	6873	20000	20000	9086	9086
SPOOL C.STG. 4-9	2048M20G03	GWN0MTHW	14417	10914	0	0	4041	6873	20000	20000	9086	9086
CDP ROT. AIR SEAL	2116M25P01	GFF5FC87	14417	10914	0	0	4041	6873	20000	20000	9086	9086
HPT ROTOR MODULE	SMDL11/P	52X75212	38616	24996								
HPT FRONT SHAFT	2048M21P03	XAES8246	14417	10914	0	0	4041	6873	20000	20000	9086	9086
HPT FRONT AIR SEAL	2116M20P02	TMT5CP31	14417	10914	0	0	4041	6873	20000	20000	9086	9086
HPT DISK	1498M43P07	GWN0MK17	14417	10914	0	0	4041	6873	20000	20000	9086	9086
HPT REAR SHAFT	1864M90P04	TMT7U389	14417	10914	0	0	4041	6873	20000	20000	9086	9086
LPT ROTOR MODULE	SMDL13/P	54X75212	38616	24996								
LPT CASE	338-117-455-0	DB675043	38616	24996	0	0	4041	20955	N/L	N/L	N/L	N/L
LPT DISK STG.1	336-001-804-0	PC657242	0	0	0	0	0	0	25000	25000	25000	25000
LPT DISK STG.2	336-001-909-0	PC703907	0	0	0	0	0	0	25000	25000	25000	25000
LPT DISK STG.3	336-002-006-0	PC665440	0	0	0	0	0	0	25000	25000	25000	25000
LPT DISK STG.4	336-002-105-0	PC665015	0	0	0	0	0	0	25000	25000	25000	25000
LPT ROTOR SUPPORT	340-301-702-0	DY287965	0	0	0	0	0	0	25000	25000	25000	25000
LPT SHAFT MODULE	SMDL14	55X75212	38616	24996								SB.72-0706 CW
LPT SHAFT	338-010-005-0	PC604090	0	0	0	0	0	0	25000	25000	25000	25000
TURBINE FRAME ASSY	SMDL15/P	56X75212	38616	24996								
FRAME ASSY. LPT	338-171-703-0	LA084672	38616	24996	0	0	4041	20955	29696	29696	4700	4700

Remarks: ENGINE WORK RECORD NO. 2018E628 REPAIRED AND TESTED AT ENGINE T.S.N.: 38616 C.S.N.: 24996; LLP'S REPLACED AT THIS SHOP VISIT:
 FAN DISK, FAN SHAFT {O/H}; BOOSTER SPOOL & LPT MAJOR MODULE LLP'S {NEW}

* THIS LIMIT IS FOR INSPECTION ONLY

Date: 10 Apr. 2018

1. Approving Civil Aviation
Authority / Country

FAA / UNITED STATES

2.

AUTHORIZED RELEASE CERTIFICATE

FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number :

W.O. : R13122736000

5006920680

4. Organization Name and Address :

5. Work Order / Contract / Invoice Number:

0014063420

No. Attachments : 1 each

6. Item	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	5B FAN DISK	338-001-504-0	1	BA989279-D	OVERHAULED

12. Remarks

Inspections : Per ATA 72-21-03

Repairs : 002, 012, 016, 019, and AD2002-13-03 (Amendment 39-12790, Docket No. 98-ANE-38-AD).

Per : CFMI CFM56-5B Engine Manual No. CFMI-TP.SM.9, Reference 72-21-03 Revision 62, SEP/15/2013.

Notes : Records Of Work Performed Are On File At [REDACTED]

AD/CN and SB check performed. AD2002-13-03[REF. EASA CN2002-390-LMP(B)] c/w this shop visit. REF: 43200 SMES. PO#:13779510-7174.
ESN: 779510. TSN/CSN: 45876/18860.

OL
4039

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 product is considered ready for release to service under EASA Part 145 approval no. EASA 145-4791.

14a. FAR 43.9 Return 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 Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

14b. Authorized Signature : [REDACTED]

14c. Approval / Certificate No : [REDACTED]

14d. Name (Typed or Printed) : [REDACTED]

14e. Date (dd/mmm/yyyy) : 17 Jan 2014

User / Installer Responsibilities

It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part / component / assembly.

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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 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 any aircraft may be flown.

Original		PART OR MATERIAL CERTIFICATION FORM			ATA SPECIFICATION 106		
2. Seller's Name:				3. Reference #		37120	
4. Organization:		Phone#:		Fax#:		5006920680	
Address:				SITA/Wire Code:			
				Status:			
5A. Seller's Contract #:		52710		5B. Buyer's PO #:		P1315915	
6. Item	7. Description	8. Manufacturer & Part Number		9. EAC PO #	10. Qty	11. Serial/Batch #	12. Status
1	FAN DISK	338-001-504-0 None Specified		CFM56-5B	1	SN: BA989279-D	OH
13A. Remarks: ALL USED PARTS WERE REMOVED FROM A SERVICEABLE UNIT THAT HAS NOT BEEN SUBJECTED TO EXTREME STRESS OR HEAT (AS IN A MAJOR ENGINE FAILURE, ACCIDENT, OR FIRE); THAT IT WAS NOT OBTAINED FROM A GOVERNMENT OR MILITARY SOURCE UNLESS SO STATED.							
[Redacted] CERTIFIES THAT WE ARE AN ACCREDITED DISTRIBUTOR MEETING THE ISO9001:2008 STANDARDS, UNDER THE PROVISIONS OF FAA (AC 00-56A)							
Warehoused parts are stored and comply with ATA Spec 106 Section 3-12 Housing and Facilities							
13B. Obtained From:		13C. Last Certificated Agency:					
[Redacted]		[Redacted]					
14. New Parts/Material Verification		18. Used, Repaired or Overhaul Parts Verification:					
THE FOLLOWING SIGNATURE ATTESTS THAT THE PART(S) OR MATERIAL(S) IDENTIFIED ABOVE WAS (WERE) MANUFACTURED BY A FAA PRODUCTION APPROVAL HOLDER (PAH), OR TO AN INDUSTRY COMMERCIAL STANDARD.		THE FOLLOWING SIGNATURE ATTESTS THAT THE DOCUMENTATION SPECIFIED ABOVE OR ATTACHED IS ACCURATE WITH REGARD TO THE ITEM(S) DESCRIBED.					
15. Signature		19. Signature					
[Redacted]		[Redacted]					
16. Name	17. Date	20. [Redacted] 21. Date [Redacted]					
12/21/2016							

NOTICE: The above signature binds the seller and the SIGNER to the accuracy of the information provided. If it is determined that the information provided in this form contain inaccuracies or misrepresentations, the signer and SELLER may be liable for damages and be subject to criminal prosecution under state and federal law.

5006920680

4

PART OR MATERIAL CERTIFICATION FORM								ATA Specifications 106
2. Seller's Name: SNECMA MOROCCO ENGINE SERVICES				3. Reference PO #				P509965
				Phone # 212 22 53 69 00				
4. Organization: SNECMA MOROCCO ENGINE SERVICES Address: Airport Mohamed V Casablanca Morocco				Fax # 212 22 53 98 97				
				SITA/Wire Code				
5a Seller's Contract #				5b. Buyer's Contract # PO#				P509965
CFMM								
6. Item	7. Description	8a. Manufacturer	8b. Mfg Part	9. Eligibility	10. Qty.	11. Serial Batch #	12. Status	
1	FAN DISK	CFMI	338-001-504-0	CFM56	I	BA989279-D	OH	
13.a Remarks								
Item 1 : From Tracking Nbr W.O. : R13122736000								
<p>Sneema Morocco Engine Services attest that, during the stay of the above part in its facilities, this part has not been subjected to any extreme heat or any other form of extreme stress, Fire or Accident, has not been immersed in salt water or otherwise exposed to corrosive agents outside normal operation.</p>								
13b. Obtained From				13c. Last Certified Agency:				
AIGLE AZUR ESN 779510				PTI				
14. New Parts/Material Verification				18. Used, Repaired or Overhauled Parts Verification				
<p>The following signature attests that the part(s) or material(s) identified above was (were) manufactured by FAA Production Approval Holder (PAH) or to an industry or commercial standard.</p>				<p>The following signature attests that the documentation specified above and attached is accurate with regard to the item(s) described.</p>				
15. nature				19. Signature				
16. Name		17. Date		20. Name		21. Date		
						18/03/2015		

5006920680

April 6, 2016

RE: Disk, Fan – PN: 338-001-504-0 SN: BA989279

To Whom It May Concern,

The Disk, Fan with PN: 338-001-504-0 SN: BA989279 received from ESN #779510 with TSN/CSN: 45,876/18,860 was received by [REDACTED] on March 26, 2015. In accordance with CFM Materials' Standard Practices, this part has been protected from dust, damage and stored in a controlled location while stored at [REDACTED] Facilities.

Please contact the CFM Materials Quality Department should you have any questions.

Sincerely,

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

Ship List

5006920680

ShipList: S543291 : 04/11/16

CUSTOMER: [REDACTED]
THEIR REF#: 126384
TERMS: NET 30
SHIP VIA: Hold For Pick Up
SHIP TO: [REDACTED]

SOLD BY: [REDACTED]
AWB: [REDACTED]
FOB: Grand Prairie
CONTACT: [REDACTED]
INVOICE #: I534737

LINE#	UNIQUEID	PART#	DESCRIPTION	CD	SERIAL	QTY	UNIT PRICE	EXTENDED
1	5197784	338-001-504-0	DISK-FAN	OH	BA989279-D	1		
2	5118845	338-010-601-0	SHAFT-FAN	OH	DC548086	1		
3	5185867	338-001-504-0	DISK-FAN	OH	BC341119	1		

TOTAL EXT: \$0.00
TOTAL TAX: \$0.00
MISC: \$0.00
FREIGHT: \$0.00
TOTAL DUE: \$0.00

THIS IS NOT AN INVOICE

[REDACTED] Must be notified of ALL Credit Returns within 60 Days.
All Credit Returns are subject to [REDACTED] approval *AND* a 15% Restocking Fee.

ATTACHMENT "E"

1. PART OR MATERIAL CERTIFICATION FORM							ATA Specification 106
2. Seller's Name: [REDACTED]			3. Reference #: S543291 5006920680 1				
4. Organization: Address: [REDACTED]			Phone #: [REDACTED] FAX #: [REDACTED] SITA/Wire Code: [REDACTED] Status: SURPLUS PARTS SUPPLIER				
5A: Seller's Contract#: I534737			5B: Buyer's Contract#: 126384				
6. Item	7. Description	8. Manufacturer and Part #	9. Eligibility	10. Qty	11. Serial/Batch Number	12. Status	
1.	DISK-FAN	CFMI 338-001-504-0	N/A	1 EA	BA989279-D	OVERHAULED	
13A. Remarks TSN: 45876 CSN: 18860 ESN: 779510			REF FORM 8130-3, TRACKING# W.O.: R13122736000				
LAST OP.: [REDACTED] [REDACTED] certifies that the above referenced part(s) or material was/were not obtained from any U.S. Government or Military Source and was/were not subjected to severe stress or heat (as in a major engine failure, accident, incident or fire) or immersed in salt water while in the possession of [REDACTED]							
13B. Obtained From [REDACTED]			13C. Last Certificated Agency [REDACTED]				
14 <u>New Parts/Material Verification:</u> The following signature attests that the part(s) or material(s) identified above was (were) manufactured by a FAA Production Approval Holder (PAH), or to an industry or commercial standard.			18 <u>Used, Repaired, Overhauled, or New Surplus Parts Verification:</u> The following signature attests that the documentation specified above or attached is accurate with regard to the item(s) described.				
15. Signature			19. Signature [REDACTED]				
16. Name		17. Date	20. Name [REDACTED]			21. Date	
						11-Apr-16	

NOTICE: The above signature binds the signer and the SELLER to the accuracy of the information provided in the Form. Should the information provided in this Form contain inaccuracies or misrepresentations, the signer and the SELLER may be liable for damages and are subject to criminal prosecution under state and federal law.

LIFE LIMITED PART HISTORY

5006920680

PART NAME DISK-FAN

P/N 338-001-504-0 S/N BA989279-D

Engine Type CFM56 UniqueID: 5197784

Hours & Cycles Data

HOURS	ALLOWED	NA	TSN	45876	REMAINING	NA
CYCLES			CSN	<u>18860</u>		

Usage Data

CATEGORY	USAGE
-5B3/P	<u>18860</u>

Remaining Data

ALLOWED	REMAINING	CATEGORY
30000	<u>11140</u>	-5B1, -5B1/2P, -5B1/3, -5B1/P, -5B2, -5B2/2P, -5B2/3, -5B2/P, -5B3/2P, -5B3/2P1, -5B3/3, -5B3/3B1, -5B3/P, -5B3/P1, -5B4, -5B4/2P, -5B4/2P1, -5B4/3, -5B4/3B1, -5B4/P, -5B4/P1, -5B5, -5B5/3, -5B5/P, -5B6, -5B6/2P, -5B6/3, -5B6/P, -5B7, -5B7/3, -5B7/P, -5B8/3, -5B8/P, -5B9/2P, -5B9/3, -5B9/P
20000	<u>7427</u>	-5B1/2, -5B2/2, -5B4/2, -5B6/2

Install / Removal Data

	DATE	ESN	ETT	ETC	PART TT	PART TC	DATA ID
INSTALL	4/30/1999	779510	0	0	0	0	Air 2000
REMOVE	11/8/2013	779510	45876	18860	45876	18860	[REDACTED]

The above data is provided for information only and must be verified by the customer of the part upon purchase and/or installation of the part onto the engine. The above data is based on the supporting documents furnished by its suppliers, of which a copy is attached. [REDACTED] does not guarantee or warrant the accuracy, reliability, or validity of the above data and shall not be held responsible in any way for any error, mistake, or inaccuracy related thereto.

04/11/2016

DATE

Propulsion Technologies International

5006920680

ATTACHMENT 1

PTI
1338

WO#: R13122736000

Fan Disk

DIM. REP. N°5B-2103RI

Engine Model: CFM56-5B
ATA: 72-21-03

Revision Date: 6-1-12
WPS ID#: 5B-2103R
Page 1 of 6

INSPECTION REPORT

NOTE: MAKE THE INSPECTION OF ITEMS WITH AN ASTERISK * ONLY IF VISUAL INSPECTION OF OTHER CONDITIONS SHOW THAT IT IS NECESSARY. REFER TO FIGURE 801

Index	Rep	E/M Limits Required	Incoming	Tooling No.	Final	Tooling No.	Final Insp.
DIA-A	NA	10.0843-10.0874	10.0859	P720452	10.0859	P720452	PTI 1338
DIA-E	NA	18.2307-18.2362	18.2351	P720452	18.2351	P720452	PTI 1338
* DIA-D	NA	0.3748-0.3756	0.3754	P720452	0.3754	P720452	PTI 1338

ALL OPS SIGNED : _____

Date : 01/11/19

Form No. EFR 006-02 Revised 01/05/12

5006920680

1

LIFE LIMITED PARTS STATUS

ESM 05-11-00 REV 62 SEPT 2013

CFM56-5B

Engine S/N: 779510
 A/C: F-HBAF
 Position: 1 TSN : 45876 TSLSV 14513
 Engine type : CFM56-5B3/P CSN : 18860 CSLSV 6862
 Removal date : 8-Nov-2013
 Reason for removal : HPT Shrouds cracks out of limits

Cycles performed	5B3/P	5B4/P	5B5/P	5B6/P
	18860	0	0	0

I.I.N	Designation	Part Number	Serial Number	Total hours (1)	Total cycles (1)	Total cycles				Life limit (cycles)				Remaining cycles				Remarks	
						Category				Category				Category					
						5B3/P	5B4/P	5B5/P	5C4	5B3/P	5B4/P	5B5/P	5C4	5B3/P	5B4/P	5B5/P	5C4		
FAN ROTOR																			
213	Stage 1 fan disk	338-001-504-0	BA989279	45876	18860	18860	0	0	0	30000	30000	30000	N/A	11140	11140	11140	N/A		
211	Booster Spool	338-001-905-0	DA739565	45876	18860	18860	0	0	0	30000	30000	30000	N/A	11140	11140	11140	N/A		
221	Fan Shaft	338-010-601-0	DA864505	45876	18860	18860	0	0	0	30000	30000	30000	N/A	11140	11140	11140	N/A		
COMPRESSOR ROTOR																			
312	HPC front shaft	1386M56P03	GWNSD375	45876	18860	18860	0	0	0	20000	20000	20000	15000	1140	1140	1140	855		
313	HPC stage 1/2 spool	1558M31G04	GWNJR903	45876	18860	18860	0	0	0	20000	20000	20000	15000	1140	1140	1140	855		
314	HPC stage 3 disk	1590M59P01	GWNJR732	45876	18860	18860	0	0	0	20000	20000	20000	15000	1140	1140	1140	855		
315	HPC stage 4/9 spool	1588M89G03	GWNYH017	45876	18860	18860	0	0	0	20000	20000	20000	15000	1140	1140	1140	855		
316	HPC rear air seal	1523M35P01	GFF59J03	41548	10375	6862	0	0	3513	17200	20000	20000	15000	6310	7337	7337	5503		
HIGH PRESSURE TURBINE ROTOR																			
521	HPT front shaft	1873M73P01	GWNSC604	45876	18860	18860	0	0	0	20000	20000	20000	N/A	1140	1140	1140	N/A		
522	HPT front air seal	1795M36P02	GWNSC951	45876	18860	18860	0	0	0	20000	20000	20000	15000	1140	1140	1140	855		
525	HPT disk	1498M43P05	GWN0JA2T	14513	6862	6862	0	0	0	20000	20000	20000	15000	13138	13138	13138	9854		
526	HPT rear shaft	1498M45P07	TMTKL227	45876	18860	18860	0	0	0	20000	20000	20000	N/A	1140	1140	1140	N/A		
LOW PRESSURE TURBINE ROTOR																			
542	LPT stage 1 disk	336-001-804-0	BB134206	45876	18860	18860	0	0	0	25000	25000	25000	N/A	6140	6140	6140	N/A		
543	LPT stage 2 disk	336-001-909-0	BB125016	45876	18860	18860	0	0	0	25000	25000	25000	N/A	6140	6140	6140	N/A		
544	LPT stage 3 disk	336-002-006-0	BB121125	45876	18860	18860	0	0	0	25000	25000	25000	N/A	6140	6140	6140	N/A		
545	LPT stage 4 disk	336-002-105-0	BB134252	45876	18860	18860	0	0	0	25000	25000	25000	N/A	6140	6140	6140	N/A		
546	LPT conical support	338-077-502-0	BB004878	45876	18860	18860	0	0	0	25000	25000	25000	N/A	6140	6140	6140	N/A		
551	LPT shaft	338-010-003-0	LA059320	45876	18860	18860	0	0	0	25000	25000	25000	N/A	6140	6140	6140	N/A		
LOW PRESSURE TURBINE STATOR																			
541	LPT case	338-117-452-0	DA643877	45876	18860	18860	0	0	0	N/L	N/L	N/L	N/L	N/L	N/L	N/L	N/L		
561	LPT rear frame	338-102-908-0	LA056658	45876	18860	18860	0	0	0	N/L	N/L	N/L	N/A	N/L	N/L	N/L	N/L		
First limited part (remaining cycles) :												1140	1140	1140	1140	N/A			
Prepared by:	M. NATO	Validated by:	A. DACHARY																
Name		Name																	
Function		Function	Powerplant Engineer																
Note :																			
(1) LLP remainders.																			
Commercial Aircraft Application (Service Bulletin 72-0308 not applied)																			

5006920680

A

2.NIS/PMA/DER Statements

5006920680

ENGINE NIS STATEMENT

This statement certifies that Engine CFM56-5B3/P serial number 779510, has not been involved in an incident or accident, or fire, nor has the Engine or the parts installed thereon, been immersed in salt water or exposed to corrosive agents outside normal operation, been subjected to extreme stress or heat nor been obtained from any Government, Military or Unapproved Source while Leased and Operated by [REDACTED] and in the case of a part installed on the engine while Leased and Operated by [REDACTED] has not been subjected to, or removed from an engine that has been involved in an incident or accident, or fire, or has been subjected to extreme stress or heat nor been obtained from any Government, Military or Unapproved Source.

Engine status at time of delivery to [REDACTED]

Engine Total Time: 23 014

Engine Total Cycles: 8 647

Date: Dec 02nd, 2005

Engine status at time of removal for shop visit at [REDACTED]

Engine Total Time: 45 876

Engine Total Cycles: 18 860

Date: Nov 08th, 2013

Date: Nov 08th, 2013

5006920680

08th November 2013

Engine part number CFM56-5B3/P
Serial number 779510

PMA Parts Statement

TO WHOM IT MAY CONCERN

A review of the maintenance records for the Engine has been completed and, to the best of our knowledge, the Engine:

- Does not have and has never had any Parts installed that were NON-TCH Repaired Parts (no repairs outside of the OEM manuals other than those approved by the OEM) or PMA Parts other than those authorized by the engine manufacturer.
- Does not have and has never had any LLP Critical Influencing Parts installed (as defined in the Engine Manual in Chapter 5) that were NON-TCH Repaired Parts or PMA Parts other than those authorized by the engine manufacturer.

November, 08th 2013

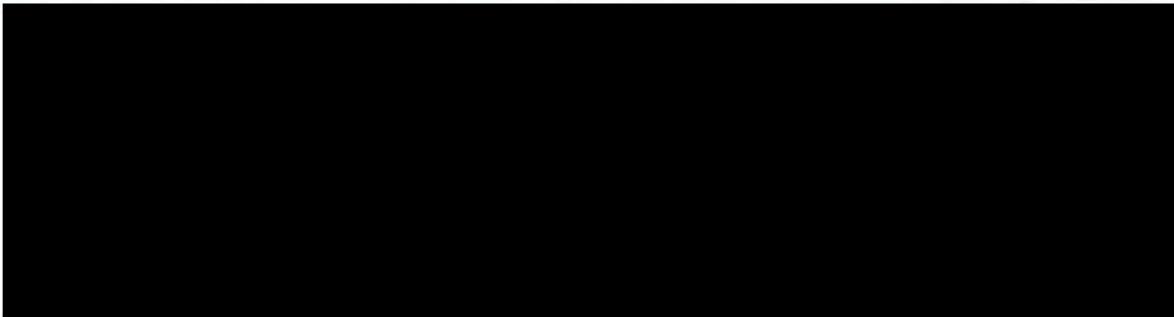
5006920680

3.On/Off Logs

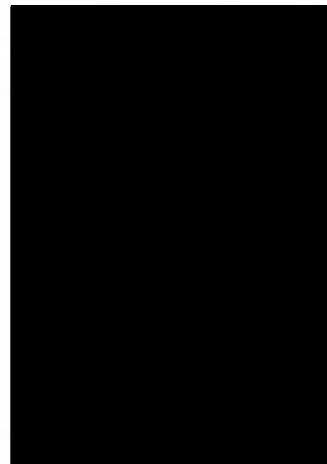
5006920680

[REDACTED]	ENGINE HISTORY RECORD								ENGINE S/N :	779510	
									ENGINE MODEL :	CFM56-5B3/P	

REMOVAL								INSTALLATION													
DATE JJ/DD/AA	Aircraft #	Aircraft TSN	Aircraft CSN	Engine Off	Reason of removal	TSN	CSN	TSInst	CSInst	DATE JJ/DD/AA	Aircraft TSN	Aircraft CSN	Engine on	Rating	TSN	CSN	TSLSV	CSLSV			
					Phase in Dec. 02nd 2005					F-HBAF	1	23 692	B 874	779 510	B3/P	23 014	8 647	4 944	2 177		
16/06/08	F-HBAF	1	32 042	12 225	779 510	Performances restoration	31 363	11 998	13 293	5 528	30/09/08	F-HBAF	1	32 974	12 644	779 510	B3/P	31 363	11 998	0	0
08/11/13	F-HBAF	1	47 487	19 506	779 510	HPT shrouds cracked out of limits	45 876	18 880	14 513	6 862											



5006920680



TO WHOM IT MAY CONCERN

Statement in respect to:

Aircraft Model	Airbus A321-211
Registration	EC - IXY
Serial Number	1006

The subject aircraft and installed engines data at the below stated date are as follows:

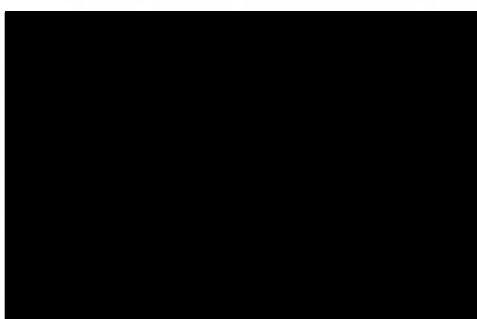
Airframe	
Airframe Total Time	23692:34 Flight Hours
Airframe Total Cycles	8874 Flight Cycles

LH Engine S/N: 779 510 CFM56-5B3/P	
Engine Total Time	23013:51 Flight Hours
Engine Total Cycles	8647 Flight Cycles

RH Engine S/N: 779 511 CFM56-5B3/P	
Engine Total Time	21413:04 Flight Hours
Engine Total Cycles	8110 Flight Cycles

Madrid 29th November 2005.

On behalf of [REDACTED]



5006920680



TO WHOM IT MAY CONCERN

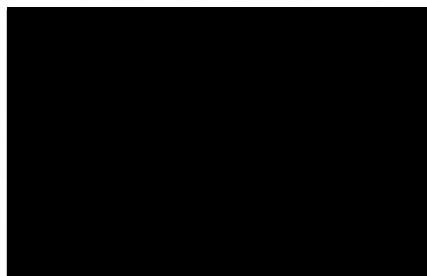
[REDACTED] Statement in respect to:

Engine Model	CFM56-5B3/P
Serial Number	779 510

The above Engine Model CFM56-5B3/P manufactured by CFMI has not been involved in any accident or incident whilst in service in the entire time of its operation in [REDACTED]

Madrid 29th November 2005.

On behalf of [REDACTED]



5006920680

ENGINE

ESN 779-510

LIFE LIMITED PARTS

TSN: 23013:51

CSN: 8647

CFM56-5B3/P			ESN 779-510		Delivery, Ex FC					Re-Delivery, End Of Lease				
IPC REF	Ident	DESCRIPTION	PT. NBR	S/NBR	DATE	TSN	CSN	LLP	Post	Remarks	DATE	TSN	CSN	Cyc Avail
72-21-00-01-710	211	BOOSTER SPOOL	338-001-905-0	DA739565	30-04-04	18466	6623	30000			29-11-05	23012	8647	21353
72-21-00-01-060	213	FAN DISK	338-001-504-0	BA989279	30-04-04	18466	6623	20000			29-11-05	23014	8647	11353
72-22-00-01-580	221	FAN SHAFT	338-010-601-0	DA864505	30-04-04	18466	6623	30000			29-11-05	23014	8647	21353
72-31-00-01-530	312	HPC ROTOR FORWARD SHAFT	1386M56P03	GWNSD375	30-04-04	18466	6623	20000			29-11-05	23014	8647	11353
72-31-00-01-550	313	HPC ROTOR SPOOL STG 1 AND 2	1558M31G04	GWNJR903	30-04-04	18466	6623	20000			29-11-05	23014	8647	11353
72-31-00-01-520	314	HPC ROTOR DISK STG 3	1590M59P01	GWNJR732	30-04-04	18466	6623	18200			29-11-05	23014	8647	9553
72-31-00-01-510	315	HPCR SPOOL ASSY STG 4-9	1588M89G03	GWNYH017	30-04-04	18466	6623	20000			29-11-05	23014	8647	11353
72-31-00-01-470	316	CDP ROTATING REAR AIR SEAL	1523M35P01	GFRR8CV1	30-04-04	18466	6623	17200			29-11-05	23014	8647	8553
72-52-00-01-190	521	HPT ROTOR FRONT SHAFT	1873M73P01	GWNSC604	30-04-04	18466	6623	14200			29-11-05	23014	8647	5553
72-52-00-01-200	522	HPT FRONT ROTATING AIR SEAL	1795M36P02	GWNSC951	30-04-04	18466	6623	20000			29-11-05	23014	8647	11353
72-52-00-01-240	525	HPT ROTOR DISK	1498M43P05	GWNJA547	30-04-04	18466	6623	15300			29-11-05	23014	8647	6653
72-52-00-01-170	526	HPT REAR SHAFT	1498M45P07	TMTKL227	30-04-04	18466	6623	20000			29-11-05	23014	8647	11353
72-54-00-12-390	541	LP TURBINE CASE	338-117-404-0	DA643877	30-04-04	18466	6623	30500			29-11-05	23014	8647	21853
72-54-00-12-340	542	LPT ROTOR DISK STG 1	336-001-804-0	BB134206	30-04-04	18466	6623	25000			29-11-05	23014	8647	16353
72-54-00-12-090	543	LPT ROTOR DISK STG 2	338-001-809-0	BB125016	30-04-04	18466	6623	25000			29-11-05	23014	8647	16353
72-54-00-07-240	544	LPT ROTOR DISK STG 3	336-002-006-0	BB121125	30-04-04	18466	6623	20600			29-11-05	23014	8647	11953
72-54-00-07-070	545	LPT ROTOR DISK STG 4	336-002-105-0	BB134252	30-04-04	18466	6623	25000			29-11-05	23014	8647	16353
72-54-00-07-340	546	LPT ROTOR SUPPORT	338-077-502-0	BB004878	30-04-04	18466	6623	25000			29-11-05	23014	8647	16353
72-54-00-12-212	54C	LPT NOZZLE SEGMENT STG 2	338-109-106-0	N/Req	30-04-04	18466	6623	25000		F-2002-470	29-11-05	23014	8647	16353
72-54-00-12-222	54E	LPT NOZ SEGMENT STG 2/BOROS	338-109-306-0	N/Req	30-04-04	18466	6623	25000		F-2002-470	29-11-05	23014	8647	16353
72-54-00-12-232	54D	LPT NOZ SEGMENT STG 2/T49 5	338-109-206-0	N/Req	30-04-04	18466	6623	25000		F-2002-470	29-11-05	23014	8647	16353
72-55-00-01-280	551	LP TURBINE SHAFT	338-010-003-0	LA059320	30-04-04	18466	6623	25000			29-11-05	23014	8647	16353
72-56-00-01-200	561	LP TURBINE FRAME	338-102-907-0	LA056658	30-04-04	18466	6623	No limit			29-11-05	23014	8647	

5006920680

Dear Sirs,

INCIDENT / ACCIDENT STATEMENT
ENGINES

ENGINE

CFM56-5B3/P S/N 779510

[REDACTED] hereby confirms that from 30th April 1999 to this document date, whilst operating under [REDACTED] Air Operators Certificate GB548 and JAR OPS Subpart M control, the engine described above has not been involved in any significant incidents or accidents, fire damage or major repair.

-----END-----

5006920680

30 April 2004

Dear Sir,

Airbus A321-211 / 1006 (G-OOAI)

The total airframe hours and cycles for the above aircraft as at this document date are as follows:

	<u>TSN / CSN</u>
Airframe	19144:55 / 6850
#1 Engine serial # 779510	18466.12 / 6623
#2 Engine serial # 779511	16865.25 / 6086
APU serial # R2034	4752 / 3954

5006920680

CLASS A TIME LIMITS							
ENG P/N :	CFM56 5B3/P	TSN :	18466	CSN :	6623	DATE:	29-Apr-04
ENG S/N: 779510		FIRST LIMITER : FRONT SHAFT		CYCLES AVAILABLE :	7577		
DESCRIPTION	P/N	S/N		HRS RUN	CYC RUN	CYC LIFE	CYC AVAIL
FAN ROTOR	338-070-703-0	21X79510	18466	6623			
FAN DISC	338-001-504-0	BA989279	18466	6623	20000	13377	
BOOSTER SPOOL	338-001-905-0	DA739565	18466	6623	30000	23377	
FAN SHAFT	338-010-601-0	DA864505	18466	6623	30000	23377	
HP COMPRESSOR ROTOR	1887M18G01	31X79510	18466	6623			
FORWARD SHAFT	1386M56P03	GWNSD375	18466	6623	20000	13377	
STAGE 1-2 SPOOL	1558M31G04	GWNJR903	18466	6623	20000	13377	
STAGE 3 HP DISC	1590M59P01	GWNJR732	18466	6623	18200	11577	
STAGE 4-9 SPOOL	1588M89G03	GWNYH017	18466	6623	20000	13377	
REAR AIR SEAL	1523M35P01	GFFR8CV1	18466	6623	17200	10577	
HP TURBINE ROTOR	1887M11G01	52X79510	18466	6623			
FRONT SHAFT	1873M73P01	GWNSC604	18466	6623	14200	7577	
FRONT AIR SEAL	1795M36P02	GWNSC951	18466	6623	20000	13377	
HPT DISC	1498M43P05	GWNJA547	18466	6623	15300	8677	
REAR SHAFT	1498M45P07	TMTKL227	18466	6623	20000	13377	
LP TURBINE ROTOR	338-092-302-0	54X79510	18466	6623			
STAGE 1 DISC	336-001-804-0	BB134206	18466	6623	25000	18377	
STAGE 2 DISC	336-001-909-0	BB125016	18466	6623	25000	18377	
STAGE 3 LP DISC	336-002-006-0	BB121125	18466	6623	20600	13977	
STAGE 4 DISC	336-002-105-0	BB134252	18466	6623	25000	18377	
SHAFT	338-010-003-0	LA059320	18466	6623	25000	18377	
CONICAL SUPPORT	338-077-502-0	BB004878	18466	6623	25000	18377	
LP TURBINE STATOR	336-092-209-0	56X79510	18466	6623			
LP TURBINE CASE	338-117-404-0	DA643877	18466	6623	30500	23877	
FRAME	338-102-907-0	LA056658	18466	6623			

5006920680

4.Shop Visit History

5006920680

Authorized Release Certificate : 78163

Outgoing

Engine S/N 779510
OEB 7B2418Engine Name Plate
CFM56-5B3/P

Customer [REDACTED]

TSN : 31363
CSN : 11998TSLSV : 0
CSLSV : 0

LIFE LIMITED PARTS STATUS / CFM56-5B3/P

I.D.N	Designation	Part Number	Serial Number	Total hours (1)	Total cycles (1)	Life limit (cycles) (2)								Remaining cycles (2)								R	Part Origin	Removed from	Remarks
						Category				Category				Category				Category							
211	Buster Spool	338-001-905-0	DA739565	31363	11998	0	0	11998	0	0	N/A	30000	30000	30000	30000	N/A	18002	18002	18002	18002	N/A	21x	79510	779510	
213	Stage 1 fan disk	338-001-504-0	BA969279	31363	11998	0	0	11998	0	0	N/A	30000	30000	30000	30000	N/A	18002	18002	18002	18002	N/A	21x	79510	779510	
221	Fan Shaft	338-010-801-0	DA884505	31363	11998	0	0	11998	0	0	N/A	30000	30000	30000	30000	N/A	18002	18002	18002	18002	N/A	22x	79510	779510	
312	HPC front shaft	1386M56P03	GWNSC375	31363	11998	0	0	11998	0	0	0	20000	20000	20000	20000	N/A	8002	8002	8002	8002	8001	31x	79510	779510	
313	HPC stage 1/2 spool	1588M31G04	GWNURS03	31363	11998	0	0	11998	0	0	0	20000	20000	20000	20000	N/A	8002	8002	8002	8002	8001	31x	79510	779510	
314	HPC stage 3 disk	1590M56P01	GWNUR732	31363	11998	0	0	11998	0	0	0	20000	20000	20000	20000	N/A	8002	8002	8002	8002	8001	31x	79510	779510	
315	HPC stage 4/9 spool	1588M89J03	GWNYH017	31363	11998	0	0	11998	0	0	0	20000	20000	20000	20000	N/A	8002	8002	8002	8002	8001	31x	79510	779510	
316	HPC rear air seal	1523M36P01	GFFFSJ03	27035	3513	0	0	0	0	0	3513	17200	17200	17200	17200	N/A	13171	13171	13171	13171	15316	11487	* 31x	567143	567143
521	HPT front shaft	1873M73P01	GWNSC304	31363	11998	0	0	11998	0	0	N/A	20000	20000	20000	20000	N/A	8002	8002	8002	8002	N/A	52x	79510	779510	
522	HPT front air seal	1796M36P02	GWNSC951	31363	11998	0	0	11998	0	0	0	20000	20000	20000	20000	N/A	8002	8002	8002	8002	N/A	52x	79510	779510	
525	HPT disk	1498M43P08	GWNGQJA2T	0	0	0	0	0	0	0	0	20000	20000	20000	20000	N/A	8002	8002	8002	8002	N/A	52x	NEW	NEW	
526	HPT rear shaft	1498M45P07	TMTKL227	31363	11998	0	0	11998	0	0	N/A	20000	20000	20000	20000	N/A	8002	8002	8002	8002	N/A	52x	79510	779510	
541	LPT Case	338-117-452-0	DA643877	31363	11998	0	0	11998	0	0	N/A	30500	30500	30500	30500	N/A	18502	18502	18502	18502	N/A	54x	79510	779510	
542	LPT stage 1 disk	338-001-804-0	BB134206	31363	11998	0	0	11998	0	0	N/A	25000	25000	25000	25000	N/A	13002	13002	13002	13002	N/A	54x	79510	779510	
543	LPT stage 2 disk	338-001-909-0	BB125016	31363	11998	0	0	11998	0	0	N/A	25000	25000	25000	25000	N/A	13002	13002	13002	13002	N/A	54x	79510	779510	
544	LPT stage 3 disk	338-002-006-0	BB121125	31363	11998	0	0	11998	0	0	N/A	26000	26000	26000	26000	N/A	13002	13002	13002	13002	N/A	54x	79510	779510	
545	LPT stage 4 disk	338-002-105-0	BB134252	31363	11998	0	0	11998	0	0	N/A	25000	25000	25000	25000	N/A	13002	13002	13002	13002	N/A	54x	79510	779510	
548	LPT conical support	338-077-502-0	BB004978	31363	11998	0	0	11998	0	0	N/A	26000	26000	26000	26000	N/A	13002	13002	13002	13002	N/A	54x	79510	779510	
551	LPT shaft	338-010-003-0	LA069320	31363	11998	0	0	11998	0	0	N/A	26000	26000	26000	26000	N/A	13002	13002	13002	13002	0	55x	79510	779510	
561	LPT Rear Frame	338-102-908-0	LA056658	31363	11998	0	0	11998	0	0	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	56x	79510	779510	

Prepared by : [REDACTED]
Date : September 18th, 2008.

Révision : 00

Notes : (1) Hours & cycles above mentioned are issued from Customer Information except for parts installed by [REDACTED]

(2) Maximum parts limitations and remaining lives are subject to alterations. Please always refer to Engine Shop Manual chapter 06-XX-XX (Life limits 001).

*: If part has been replaced by [REDACTED] during shop visit (Outgoing LLP status).

**: If part must be replaced by [REDACTED] during shop visit, to see [REDACTED]

Engine limited at (cycles) : 20000 20000 20000 20000 20000
First limited part (remaining cycles) : 8002 8002 8002 8002 8002ESM revision N° : 51 For
CFM56-5B ; 42 For CFM56-
5CRecord of Temporary
Revisions : TR05-0181 for
5B

5006920680

1. Approving National Aviation Authority/Country: Civil Aviation Authority United Kingdom	2. AUTHORISED RELEASE CERTIFICATE JAA FORM ONE	3. Form Tracking Number: JAA 09368				
4. Approved Organisation Name and Address:		5. Work Order/Contract/Invoice Number:				
6. Item:	7. Description:	8. Part No.:	9. Eligibility (*):	10. Qty.:	11. Serial/Batch No.:	12. Status/Work:
1	CFMI ENGINE	CFM56-5B3/P	AIRBUS	ONE	779510	OVERHAULED
13. Remarks: Hours Since New: 18070 Cycles Since New: 6470 13.1 Engine refurbished in accordance with [REDACTED] workscope document WS-D50010-R1 Dated 11/10/2003 & the CFM56-5B E.S.M. 13.2 For modifications accomplished this visit refer to attached form [REDACTED] QA/0479 Issue 1 13.3 For Airworthiness Directives status refer to attached Form [REDACTED] QA/0480 Issue 1 13.4 For Life Limited Part Information refer to attached form [REDACTED] QA/0483 Issue 1 13.5 Carry Forward items required by the operator prior to engine start, refer to attached Form No. [REDACTED] QA/TEST.						14 CFR 43.9 Return to Service Certificates that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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.
						Certificate/Approval Ref. No.: [REDACTED]
						Date (dd/mm/yy): 31-DEC-03
14. 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 13.			19. <input type="checkbox"/> JAR-145.50 Release to Service <input type="checkbox"/> Other regulation specified in Block 13 Certificates that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13, was accomplished in accordance with JAR 145 and in respect to that work the items are considered ready for release to service.			
15. Authorised Signature:		16. Approval/Authorisation Number:		20. Authorised Signature:		21. Certificate/Approval Ref. No.:
17. Name:		18. Date (dd/mm/yy):		22. Name:		23. Date (dd/mm/yy): 31-DEC-03

* Installer must cross-check eligibility with applicable technical data.

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.

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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by user/installer before the aircraft may be flown.

5006920680

Life Limited Parts Summary Report

Engine: 779510

Operator: Air 2000 Ltd

Date: 30-12-03

Engine Type: CFM56-5B3/P

Incoming/Outgoing: Outgoing

Comments:

PART NAME	PART NUMBER	SERIAL NUMBER	PART TSN	PART CSN	CSN			NEP			ULA		
					A	B	C	A	B	C	A	B	C
21 MODULE													
FAN DISC ASSY	338-001-504-0	RA989279	18,070	6,470	6,470	0	0	30000	20000	20000	13,530	13,530	13,530
SPOOL ASSY-BOOSTER	338-001-905-0	DA739565	18,070	6,470	6,470	0	0	30000	30000	30000	23,530	23,530	23,530
22 MODULE													
SHAFT ASSY	338-010-601-0	DA864505	18,070	6,470	6,470	0	0	30000	30000	30000	23,530	23,530	23,530
31 MODULE													
SEAL-ROTATING AIR REAR	1523M35P01	GPPRECIV1	18,070	6,470	6,470	0	0	17200	17200	17200	10,730	10,730	10,730
SPOOL ASSY-CPRSR ROTOR STAGES 4-9	1588M89G03	GNNYH017	18,070	6,470	6,470	0	0	20000	20000	20000	13,530	13,530	13,530
ST3 DISK	1590M59P01	GNJNR732	18,070	6,470	6,470	0	0	18200	18200	18200	11,730	11,730	11,730
SHAFT COMP ROTOR	1386M56P03	GNNSD375	18,070	6,470	6,470	0	0	20000	20000	20000	13,530	13,530	13,530
SPOOL ASSY-CPRSR ROTOR STAGES 1&2	1558M31Q04	GNJNH903	18,070	6,470	6,470	0	0	20000	20000	20000	13,530	13,530	13,530
52 MODULE													

5006920680

5.Birth Document

5006920680

**AS-BUILT ENGINE DATA SUBMITTAL
ENGINE SERIAL NUMBER: 779510**

CONTENTS:

- CONFIGURATION LISTING
- SERVICE BULLETIN STATUS
- AIRWORTHINESS DIRECTIVE STATUS

ENGINE TYPE CFM56-5 --B3/P SERIES

TIME SINCE NEW 000000

SHIPPING DATE 1999/02/10

CYCLES SINCE NEW 000000

REPORT DATE 2014/01/10

CONFIGURATION LISTING

IIN NOMENCLATURE	PART NUMBER	PSN	PTSN	PCSN	LLP	POS	MOMENT WT
21X FAN AND BOOSTER ASSY	338-070-703-0	AJ1413	000000	000000			
21A FAN ROTOR BLADE STG 1	338-002-114-0	BA600106	000000	000000	001	167800	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BB133249	000000	000000	002	165780	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BB107686	000000	000000	003	164730	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BB107496	000000	000000	004	164000	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BB107545	000000	000000	005	162980	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BB107494	000000	000000	006	163420	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BB133132	000000	000000	007	164460	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BB133204	000000	000000	008	165170	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BA287529	000000	000000	009	166710	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BB133202	000000	000000	010	167070	
21A FAN ROTOR BLADE STG 1	338-002-114-0	J039385	000000	000000	011	165570	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BB070731	000000	000000	012	164630	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BB131346	000000	000000	013	163840	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BB027448	000000	000000	014	162380	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BA383293	000000	000000	015	163200	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BB107688	000000	000000	016	164060	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BA564522	000000	000000	017	165160	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BB133203	000000	000000	018	166360	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BB133207	000000	000000	019	167610	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BB133205	000000	000000	020	165920	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BB107690	000000	000000	021	164900	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BB136360	000000	000000	022	163940	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BA381897	000000	000000	023	162910	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BB136364	000000	000000	024	163240	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BA538908	000000	000000	025	164370	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BA588277	000000	000000	026	165120	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BB133248	000000	000000	027	166650	
21A FAN ROTOR BLADE STG 1	338-002-114-0	J037408	000000	000000	028	167020	
21A FAN ROTOR BLADE STG 1	338-002-114-0	BA381795	000000	000000	029	165780	

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21A	FAN ROTOR BLADE STG 1	338-002-114-0	BB133130	000000	000000	030	164780
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BB107497	000000	000000	031	163990
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BA539619	000000	000000	032	162530
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BB133133	000000	000000	033	163170
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BB118321	000000	000000	034	163940
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BB133134	000000	000000	035	165040
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BA264728	000000	000000	036	166160
21B	BOOSTER BLADE STG 2	338-002-218-0	NOT REQD	000000	000000		
21B	BOOSTER BLADE STG 2	338-002-219-0	NOT REQD	000000	000000		
21B	BOOSTER BLADE STG 2	338-002-220-0	NOT REQD	000000	000000		
21B	BOOSTER BLADE STG 2	338-002-221-0	NOT REQD	000000	000000		
21C	BOOSTER BLADE STG 3	338-002-318-0	NOT REQD	000000	000000		
21C	BOOSTER BLADE STG 3	338-002-319-0	NOT REQD	000000	000000		
21C	BOOSTER BLADE STG 3	338-002-320-0	NOT REQD	000000	000000		
21C	BOOSTER BLADE STG 3	338-002-321-0	NOT REQD	000000	000000		
21D	BOOSTER BLADE STG 4	338-002-418-0	NOT REQD	000000	000000		
21D	BOOSTER BLADE STG 4	338-002-419-0	NOT REQD	000000	000000		
21D	BOOSTER BLADE STG 4	338-002-420-0	NOT REQD	000000	000000		
21D	BOOSTER BLADE STG 4	338-002-421-0	NOT REQD	000000	000000		
21E	BOOSTER BLADE STG 5	338-002-542-0	NOT REQD	000000	000000		
21E	BOOSTER BLADE STG 5	338-002-543-0	NOT REQD	000000	000000		
21E	BOOSTER BLADE STG 5	338-002-544-0	NOT REQD	000000	000000		
21E	BOOSTER BLADE STG 5	338-002-545-0	NOT REQD	000000	000000		
211	BOOSTER SPOOL	338-001-905-0	DA739565	000000	000000	*	
213	FAN DISK	338-001-504-0	BA989279	000000	000000	*	
22X	#1 AND #2 BRG SUPPORT ASSY	338-070-801-0	DJ1415	000000	000000		
22A	STATIONARY AIR/OIL SEAL	338-063-703-0	MA055064	000000	000000		
221	FAN SHAFT	338-010-601-0	DA864505	000000	000000	*	
222	#1 BRG SLEEVE	301-297-812-0	MA022479	000000	000000		
223	#1 BALL BEARING	305-364-002-0	MA030836	000000	000000		
226	#2 ROLLER BEARING	305-365-704-0	MA030475	000000	000000		
227	#2 BRG RTNG AIR/OIL SEAL	301-298-208-0	MA007774	000000	000000		
228	#1 BRG SUPPORT	338-010-502-0	MC008271	000000	000000		
229	#2 BRG SUPPORT	301-539-211-0	MC007749	000000	000000		
23X	FAN FRAME ASSY	338-070-930-0	BR1088	000000	000000		
23E	#3 BRG AFT STN AIR/OIL SEAL	9339M40G04	PPBT7765	000000	000000		
23G	#3 BRG FWD STN AIR/OIL SEAL	1853M10G02	CTDH1818	000000	000000		
231	FAN FRAME WELDMENT	338-077-913-0	DA705495	000000	000000		
234	FRONT FAN INLET CASE	338-075-622-0	DB048105	000000	000000		
31X	HPC COMPRESSOR ROTOR ASSY	1887M18G01	EX0290	000000	000000		
31B	HPC ROTOR BLADE STG 2	P332P02	NOT REQD	000000	000000		
31C	HPC ROTOR BLADE STG 3	P333P02	NOT REQD	000000	000000		
31D	HPC ROTOR BLADE STG 4	P334P05	NOT REQD	000000	000000		
31D	HPC ROTOR BLADE STG 4	P334P06	NOT REQD	000000	000000		
31D	HPC ROTOR BLADE STG 4	P334P07	NOT REQD	000000	000000		
31D	HPC ROTOR BLADE STG 4	P334P08	NOT REQD	000000	000000		
31E	HPC ROTOR BLADE STG 5	P335P05	NOT REQD	000000	000000		
31E	HPC ROTOR BLADE STG 5	P335P06	NOT REQD	000000	000000		
31E	HPC ROTOR BLADE STG 5	P335P07	NOT REQD	000000	000000		
31E	HPC ROTOR BLADE STG 5	P335P08	NOT REQD	000000	000000		
31F	HPC ROTOR BLADE STG 6	P336P05	NOT REQD	000000	000000		
31F	HPC ROTOR BLADE STG 6	P336P06	NOT REQD	000000	000000		
31F	HPC ROTOR BLADE STG 6	P336P07	NOT REQD	000000	000000		
31F	HPC ROTOR BLADE STG 6	P336P08	NOT REQD	000000	000000		

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6.Commercial Trace

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[REDACTED]

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[REDACTED]

To: WHOM IT MAY CONCERN

From: [REDACTED]

December 30th 2014.

Subject: CFM56-5B engine ESN 779510, Fan Disk P/N 338-001-504-0 S/N BA989279-D.

With regards the above subject, [REDACTED] declares that the ownership and title of the life-limited part FAN DISK P/N 338-001-504-0 with S/N: BA989279-D removed from engine 779510, was transferred to SNECMA Morocco Engine Services in counterpart of the exchange made with Fan Shaft P/N 338-001-504-0 and S/N BB997004

[REDACTED]

[REDACTED]

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Quality Approved Trace

ESN: 779510

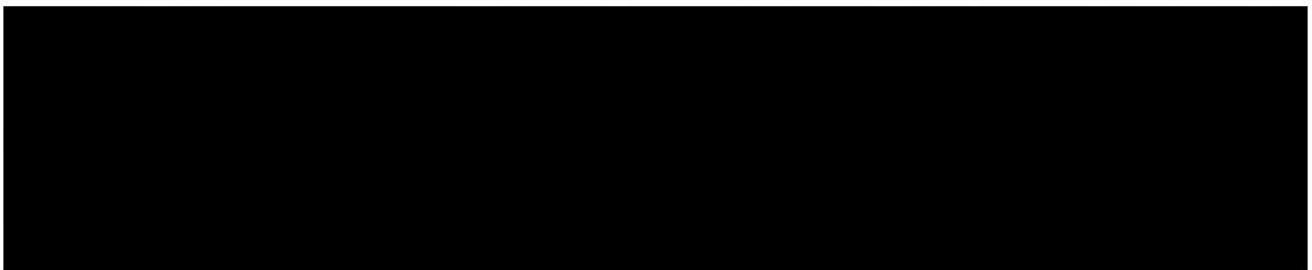
Part	TSN	CSN
Fan Disk	45876	18860

Signature:



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Trace Package for: 779510

1. Final Disk Sheet
2. NIS/PMA/DER Statements
3. On/Off Logs
4. Shop Visit History
5. Birth Document
6. Commercial Trace

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1.Final Disk Sheet

TRANSFER RECORD TAG

SERVICEABLE INFORMATION

Description / Descrizione FAN DISK ASSY FOR CPM56-5B2 ITEM 213	Part Number / Numero Categorico 338-001-504-0	
Certificate Ref. No. / Certificato N° R13122736000	Q.ty / Q.ta 1	Serial/Batch No. / N° di Serie/Lotto BA989279-D
Repair Order P1315915	Owner AZA	
Acceptance Task Stamp / Attestazione Task di accettazione OL 4039	 488879	

REMOVAL INFORMATION

Part Number	Serial Number	Removal Workorder
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REMOVED FROM

NHA Part Number or Aircraft Type	Position
NHA Serial Number or Aircraft Name	Station

REMOVAL DATE

REASON FOR REMOVAL	Completed by
<p style="text-align: center;">This copy is to be attached to the UNSERVICEABLE part after REMOVAL</p>	

11	12	13	21	22	30	31	32	33	34	35	36	99
TBO	AEB APPL	CONV	FLT SQUAWK	MAINT SQUAWK	OTHER REASON	NEW ARRIV	BACK FROM T.P.	NHA RP/CH	STORE LIMIT	STORE FAIL	TROUBLE SHOOT	ROBBED

STORE INFORMATION

Label 488879	Track No. APPOGGIO 01	Location 05.Jan.2064	Shelf Life
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Cartellino di movimentazione

Step #1 – Logistica o Produzione

Data Consegnata	Firma Operatore di presa in carico	Attesta la consegna della parte dalla logistica alla produzione Alta consegna della parte la logistica trattiene la copia azzurra
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Step #2 – Produzione o Logistica

Data Consegnata	Firma Operatore di presa in carico/AWB ¹	Attesta la consegna della parte inefficiente della produzione alla logistica Alta consegna parte Unserviceable la produzione trattiene la copia rosa
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Step #3 – Logistica o ADL (o Spedizioniere)

Data Consegnata	Firma Operatore di presa in carico	Attesta la consegna della parte dalla logistica all'area di lavoro interna o allo spedizioniere per la spedizione verso il subcontractor Alta consegna della parte la logistica trattiene la copia gialla
-----------------	------------------------------------	--

Ad ogni consegna della parte il cedente recupera la firma del ricevente, consegna la parte e trattiene la propria copia del TRT.

1. In caso di sbarco su scalo indicare il numero di AWB con cui la parte viene restituita
2. nel caso di materiale restituito al magazzino in condizione di efficienza barrare la casella

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This copy is to be attached to the UNSERVICEABLE part after REMOVAL

1C

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Proforma Invoice

08.Sep.2017

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AWB No: 055-80425870
 AWB Date: 08.Sep.2017

Shipment No: 1059614
 Ext. Shipment No: 836



SHIP1059614

Kindly quote above AWB No. and reference in all correspondence

SHIP TO

SHIPPED BY

005006920318

Carrier:	ALHA CARGO C/O CARGO CITY		
Bill To:	Airport of Dep.:	FCO	
Account No:	Airport of Arrival:	TLV	
Total Gross Weight (KG):	Flight Number:	AZ814	
396,40	Flight Date:	08.Sep.2017	
Total Net Weight (KG):	Method of Trans.:	AIRFREIGHT	
0.00	Est. Arrival Date:		
Total Num. Of Packages:	Export Declaration No:	alha	
3	Incoterm:		

Created from location: FCO/ST01/SHIPMENT

Package No: BOX.1		Dimensions (cm): L:79.00 W:72.00 H:79.00	Gross Weight (KG): 161.80
Remarks:		Net Weight (KG): 0.00	
Item	Description	Qty	Total Price
1	P/N: 336-002-006-0 Description: LPT ROTOR DISK STG3 CFM56-5B2 S/N: PC640571 Condition: NEW Pickslip No: 881944 Customs No: Comm Code: N/A Manufacturer: CFM INTERNATIONAL SA COMM PROD SUPP Country of Origin:	1.00 EA	EUR 89.670,94 New
1C1	In partenza con destinazione AC per effettuazione operazioni di manutenzione ordinaria al proprio velivolo AV 217 T.U.L.D. Aut. prot. n. 2015/RU 06/02/2012		
186	Moschino Basoldi Dogana Aerea		
2	P/N: 1498M43P06 Description: HPT ROTOR DISK (LLP) CFM56-5B2/P S/N: GWN0DP87 Condition: OVERHAULED Pickslip No: 881944 Customs No: Comm Code: N/A Manufacturer: CFM INTERNATIONAL SA COMM PROD SUPP Country of Origin: FR - FRANCE	1.00 EA	EUR 236.789,10 O/H
1C2			
188			
3	P/N: 336-002-105-0 Description: LPT ROTOR DISK 4STG CFM56-5B2 ITEM 5 S/N: PC614633	1.00 EA	EUR 80.005,72 New
1C3			
190			

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Proforma Invoice

08.Sep.2017

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Condition: NEW
 Pickslip No: 881944
 Customs No:
 Comm Code: N/A
 Manufacturer:
 Country of Origin:

NEW

190

Package No: BOX 2
 Remarks:

Dimensions (cm): L:90.00 W:90.00 H:76.00

Gross Weight (KG): 145.80

Net Weight (KG): 0.00

Item	Description	Qty	Total Price
1	P/N: 336-001-909-0 / Description: LPT ROTOR DISK 2STG CFM56-5B2 ITEM 5 S/N: PC595221 / Condition: NEW Pickslip No: 881944 Customs No: Comm Code: N/A Manufacturer: CFM INTERNATIONAL SA COMM PROD SUPP Country of Origin: FR - FRANCE	1.00 ✓ EA	EUR 92.622,58
192			✓ NEW
2	P/N: 338-001-504-0 / Description: FAN DISK ASSY FOR CFM56-5B2 ITEM 213 S/N: BA989279-D / Condition: OVERHAULED Pickslip No: 884910 Customs No: Comm Code: N/A Manufacturer: CFM INTERNATIONAL SA COMM PROD SUPP Country of Origin:	1.00 ✓ EA	EUR 99.041,63
198			✓ O/H

Package No: BOX 3
 Remarks:

Dimensions (cm): L:90.00 W:58.00 H:98.00

Gross Weight (KG): 88.80

Net Weight (KG): 0.00

Item	Description	Qty	Total Price
1	P/N: 338-010-601-0 / Description: FAN SHAFT AY FOR CFM56-5B2 ITEM 221 S/N: DC902481 / Condition: OVERHAULED Pickslip No: 884910 Customs No: Comm Code: N/A Manufacturer: CFM INTERNATIONAL SA COMM PROD SUPP Country of Origin:	1.00 ✓ EA	EUR 76.121,63
196			✓ d/H
2	P/N: 1558M31G04 / Description: HPC ROTOR SPOOL STG 1/2 CFM56 IT. 31 S/N: GWN0EW08 / Condition: OVERHAULED Pickslip No: 884911 Customs No: Comm Code: N/A Manufacturer: CFM INTERNATIONAL SA COMM PROD SUPP Country of Origin:	1.00 ✓ EA	EUR 134.607,74
192			✓ O/H
194			✓ O/H

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Proforma Invoice

08.Sep.2017

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A12C1

Country of Origin: FR - FRANCE

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TOTAL PRICE: 808'859.34 EUR

Recipient: Goods received completely and in good condition (Date, Signature):

Sender: Goods send completely and in good condition (Date, Signature):