



Aircraft Turbine Center
LIFE-LIMITED PARTS PROFILE

ENGINE TYPE: CFM56-5B6/P
SERIAL NUMBER: 575744

REPORT DATE: 4-Apr-22
HOURS/CYCLES UPDATED: 23-Nov-21

TSN:	33788.0
CSN:	29997
TSCR:	10640.0
CSCR:	10000
TSR:	10640.0
CSR:	10000

	PART NUMBER	SERIAL NUMBER	TOTAL TIME	TOTAL CYCLES			TIME LIMIT	CYCLE LIMIT			TIME REMAIN	CYCLES REMAINING		
				5B2	5B4	5B6/P		5B2	5B4	5B6/P		5B2	5B4	5B6/P
FAN ROTOR														
FAN DISK	338-001-504-0	BC061632	33788.0	0	0	29997	N/A	30000	30000	30000	N/A	3	3	3
BOOSTER SPOOL	338-001-906-0	BB962897	33788.0	0	0	29997	N/A	30000	30000	30000	N/A	3	3	3
FAN SHAFT	338-010-601-0	DC548436	33788.0	0	0	29997	N/A	30000	30000	30000	N/A	3	3	3
HPC ROTOR														
FRONT SHAFT	1386M56P03	NCU28185	10640.0	0	0	10000	N/A	20000	20000	20000	N/A	10000	10000	10000
STG 1-2 SPOOL	1558M31G07	FGB0A6EN	10640.0	0	0	10000	N/A	20000	20000	20000	N/A	10000	10000	10000
STG 3 DISK	2116M23P01	XAEVD139	10640.0	0	0	10000	N/A	20000	20000	20000	N/A	10000	10000	10000
STG 4-9 SPOOL	2048M20G04	GWN0WNMG	10640.0	0	0	10000	N/A	20000	20000	20000	N/A	10000	10000	10000
COMPR REAR AIRSEAL	2116M25P01	GFF5J3KP	10640.0	0	0	10000	N/A	20000	20000	20000	N/A	10000	10000	10000
HPT ROTOR														
FRONT SHAFT	2048M21P03	FCV02V54	10640.0	0	0	10000	N/A	20000	20000	20000	N/A	10000	10000	10000
FRONT AIRSEAL	2116M20P02	TMT3T905	10640.0	0	0	10000	N/A	20000	20000	20000	N/A	10000	10000	10000
DISK	1498M43P07	GWN0WN22	10640.0	0	0	10000	N/A	20000	20000	20000	N/A	10000	10000	10000
REAR SHAFT	1864M90P04	TMTD1589	10640.0	0	0	10000	N/A	20000	20000	20000	N/A	10000	10000	10000
LPT ROTOR														
STG 1 DISK	336-001-804-0	PC304348	10640.0	0	0	10000	N/A	25000	25000	25000	N/A	15000	15000	15000
STG 2 DISK	336-001-909-0	PC308001	10640.0	0	0	10000	N/A	25000	25000	25000	N/A	15000	15000	15000
STG 3 DISK	336-002-006-0	PC315039	10640.0	0	0	10000	N/A	25000	25000	25000	N/A	15000	15000	15000
STG 4 DISK	336-002-105-0	PC302608	10640.0	0	0	10000	N/A	25000	25000	25000	N/A	15000	15000	15000
LPT SHAFT	338-010-005-0	PC268135	10640.0	0	0	10000	N/A	25000	25000	25000	N/A	15000	15000	15000
ROTOR SUPPORT	340-301-702-0	DK266393	10640.0	0	0	10000	N/A	25000	25000	25000	N/A	15000	15000	15000
LPT CASE	338-117-455-0	DC503877	33788.0	0	0	29997	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
LPT FRAME	338-171-703-0	LA113047	33788.0	0	0	29997	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A

THE ABOVE DATA HAVE BEEN COMPILED FROM ENGINE RECORDS SUPPLIED BY THE PREVIOUS OWNER, REPAIR AGENCIES AND OPERATORS OF THE ENGINE.
ANY REPRESENTATIONS AND WARRANTIES WITH RESPECT TO THIS ENGINE WILL BE EXPRESSED IN A DEFINITIVE WRITTEN AGREEMENT.

**AMENDMENT NO. 24
TO
CFM56-5B/7B SURPLUS MATERIAL MANAGEMENT &
QEC & LRU INVENTORY MANAGEMENT SERVICES AGREEMENT**

THIS AMENDMENT NO. 24 TO CFM56-5B/7B SURPLUS MATERIAL MANAGEMENT & QEC & LRU INVENTORY MANAGEMENT SERVICES AGREEMENT (“Amendment”), dated as of May 10, 2022 is between AAR SUPPLY CHAIN, INC., (“AAR”) and [REDACTED]

WHEREAS, AAR and [REDACTED] are parties to that certain CFM56-5B/7B SURPLUS MATERIAL MANAGEMENT & QEC & LRU INVENTORY MANAGEMENT SERVICES AGREEMENT, dated December 3, 2020 (as amended, restated, supplemented or otherwise modified from time to time, the “Agreement”); and

WHEREAS, the parties wish to amend the Agreement, as set forth herein.

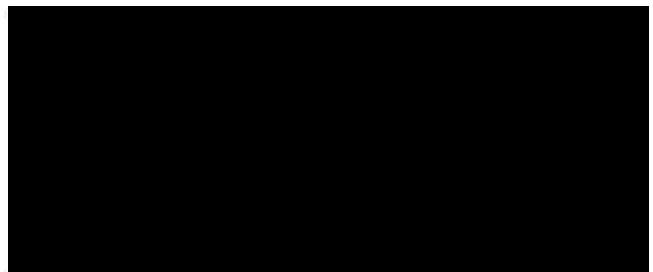
NOW, THEREFORE, in consideration of the foregoing and the mutual covenants contained herein and for other good and valuable consideration, the receipt and sufficiency of which are hereby acknowledged, the parties hereto, intending to be legally bound, do hereby agree as follows:

1. Terms used herein but not defined shall have their meanings as set forth in the Agreement.
2. Exhibit A. Exhibit A of the Agreement is hereby deleted in its entirety and replaced in full with Exhibit A to this Amendment.
3. Except as expressly amended above, all other terms and conditions of the Agreement shall remain in full force and effect.

IN WITNESS WHEREOF, the parties have caused this Agreement to be duly executed as of the day and year set forth above.

AAR SUPPLY CHAIN, INC.

By: _____
Name: _____
Title: _____



One (1) Module 03MM from CFM56-5B engine bearing manufacturer's serial number 779372

One (1) Module 21X (does not include Fan Blades, Spinner Cones, Platforms, shims, spacers or attaching hardware), one (1) Module 22X, from CFM56-5B engine bearing manufacturer's serial number 575484, excluding QEC

One (1) Module 21X (does not include Fan Blades, Spinner Cones, Platforms, shims, spacers or attaching hardware), one (1) Module 22X, from CFM56-5B engine bearing manufacturer's serial number 575843, excluding QEC

One (1) Module 02MM from CFM56-7B engine bearing manufacturer's serial number 892949

One (1) CFM International model CFM56-5B engine bearing manufacturer's serial number 779262, with full QEC

One (1) CFM International model CFM56-5B engine bearing manufacturer's serial number 697911, with full QEC

One (1) CFM International model CFM56-5B engine bearing manufacturer's serial number 575700, with partial QEC

One (1) CFM International model CFM56-5B engine bearing manufacturer's serial number 577765, with full QEC, but excluding Module 03MM

One (1) CFM International model CFM56-7B engine bearing manufacturer's serial number 875142, with full QEC, but excluding Module 03MM

One (1) CFM International model CFM56-5B engine bearing manufacturer's serial number 575744, with full QEC



CERTIFICATION STATEMENT

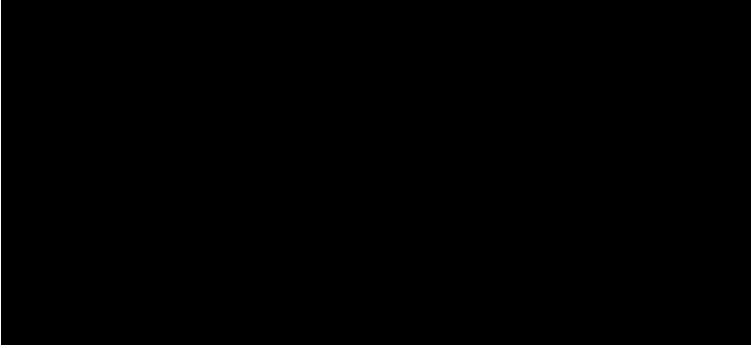
[REDACTED] certifies that, to the best of its knowledge, one used CFM International engine model CFM56-5B bearing the manufacturer's serial number 575744 (the "Engine"):

- Was not removed from an aircraft that has been subjected to any extreme heat or other form of extreme stress, e.g. major engine failure, fire, or involved in an incident or accident as defined by the relevant regulating authority;
- Has not been immersed in salt water or otherwise exposed to corrosive agents outside normal operation; and
- Was not obtained from nor operated by any Government, or any military sources.

Engine Type	Engine Serial No.	TSN	CSN
CFM56-5B	575744	33,788	29,997

Last Operator [REDACTED]

EXECUTED THIS 5 / 10 / 2022
 Month Day Year





CERTIFICATION STATEMENT

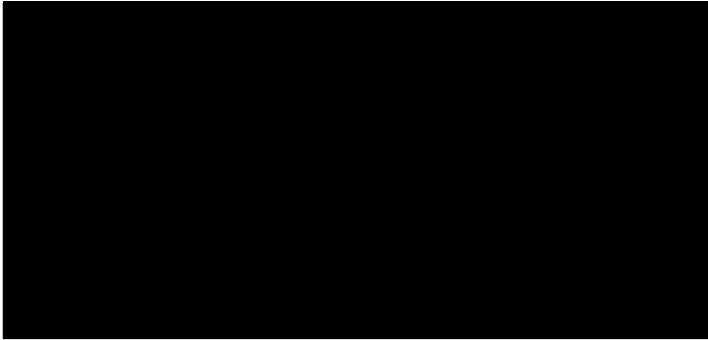
[REDACTED] certifies that, to the best of its knowledge, one used CFM International engine model CFM56-5B bearing the manufacturer's serial number 575744 (the "Engine"):

- Has not had any PMA parts or Non-Type Certificate Holder repaired parts installed other than those authorized by the Engine manufacturer.

Engine Type	Engine Serial No.	TSN	CSN
CFM56-5B	575744	33,788	29,997

Last Operator: [REDACTED]

EXECUTED THIS 5 / 10 / 2022
 Month Day Year





May 10, 2022

To Whom It May Concern

SUBJECT: Trace Letter
CFM56-5B/7B Engine Management Agreement - Contract No. [REDACTED]
dated as of December 3, 2020 (the "Agreement")

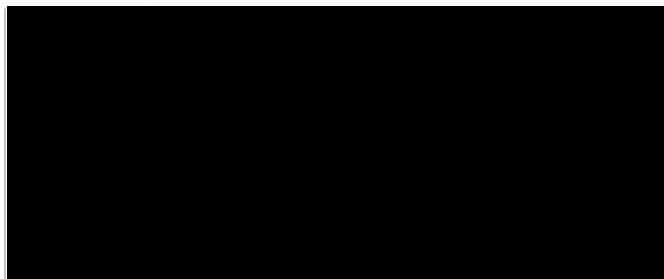
This is to confirm that AAR SUPPLY CHAIN, INC. ("AAR") and [REDACTED] have entered into the Agreement and that, among other things, the Agreement provides for the following:

1. [REDACTED] delivers to AAR certain equipment, including the following engine (the "Engine"):

MFR	MODEL	SERIAL NUMBER	TOTAL TIME SINCE NEW	TOTAL CYCLES SINCE NEW
CFM International	CFM56-5B	575744	33,788	29,997

2. AAR is authorized to offer the Engine and/or parts (hereinafter, "Surplus Material") from the Engine for sale to third parties, consistent with the terms of the Agreement.
3. At the time of sale of an Engine or an item of Surplus Material therefrom, in accordance with the terms of the Agreement, title to said Engine or item of Surplus Material will transfer from [REDACTED] to AAR immediately prior to the physical removal of said Engine or item of Surplus Material by AAR for delivery and transfer of title to the third party.
4. In the event of any conflict between the provisions of this letter and the Agreement, the provisions of the Agreement shall prevail.

Sincerely,



**ENGINE RETURN RECEIPT
(ESN 575744)**

[REDACTED] a designated activity company incorporated and existing under the laws of Ireland having its registered office at [REDACTED]

[REDACTED] ("Lessor"), hereby acknowledges receipt at the facilities of [REDACTED], of and accepts return of one (1) CFM International, Inc. model CFM56-5B/P engine bearing manufacturer's serial number 575744 (the "Engine") from [REDACTED], a company organized and existing under the laws of Italy having its principal place of business at [REDACTED] (the "Lessee"). The Engine is accepted for return in accordance with and subject to the terms of that Engine Program Agreement dated as of October 28, 2021 (as novated, assigned, amended, supplemented or otherwise modified from time to time, the "Agreement"), by and between Lessor and Lessee with the following Records [**Records list to be adjusted before signing to reflect exact list of Records provided at Delivery**]:

- (i) [EASA full maintenance release document (*i.e.*, EASA Form One plus Mini-Pack or SV report), including accessory listing;
- (ii) life limited parts status report, including B2B records (softcopies) for every life limited parts;
- (iii) AD status report (signed);
- (iv) Service Bulletin status report (signed);
- (v) thrust statement;
- (vi) ECM data;
- (vii) MPA or test cell run data documenting the Engine's ability to perform at its rated takeoff thrust;
- (viii) Full (per AMM) boroscope report with FH&FC including video;
- (ix) LDND list (signed) and accessory list signed (including softcopies of certification forms for components / LRU's);
- (x) ETOPS Statement;
- (xi) Missing Parts list;
- (xii) QEC and LRU Inventory List;
- (xiii) Removal installation history;

(xiv) a copy of the engine preservation tag (original to be shipped with Engine) and preservation documentation, including engine maintenance write-ups (performed at Engine's last removal);

(xv) a certificate from the last operator of the Engine stating that, during the term of operation, the Engine was not (a) involved in an accident, incident, fire or a major failure, (b) exposed to stress or heat beyond limits, (c) immersed in salt water or exposed to corrosive agents outside normal operation, or (d) operated by a government entity, or, if any of (a)-(d) occurred, describing such events in reasonable detail;

(xvi) status of Maintenance Planning Document (MPD) task cards;

(xvii) most recent oil consumption trend data report;

(xviii) fuel statement, oil statement, PMA statement, DER statement;

(xix) operator statement of thrust category at which the Engine was operated by each operator;

(xx) **OPEN/DEFERRED/CARRY FORWARD** items, documentation covering any Open items, Deferred Defects or Carry Forward items;

(xxi) logs of Flight Hours and Cycles;

(xxii) relevant defect or pilot reports;

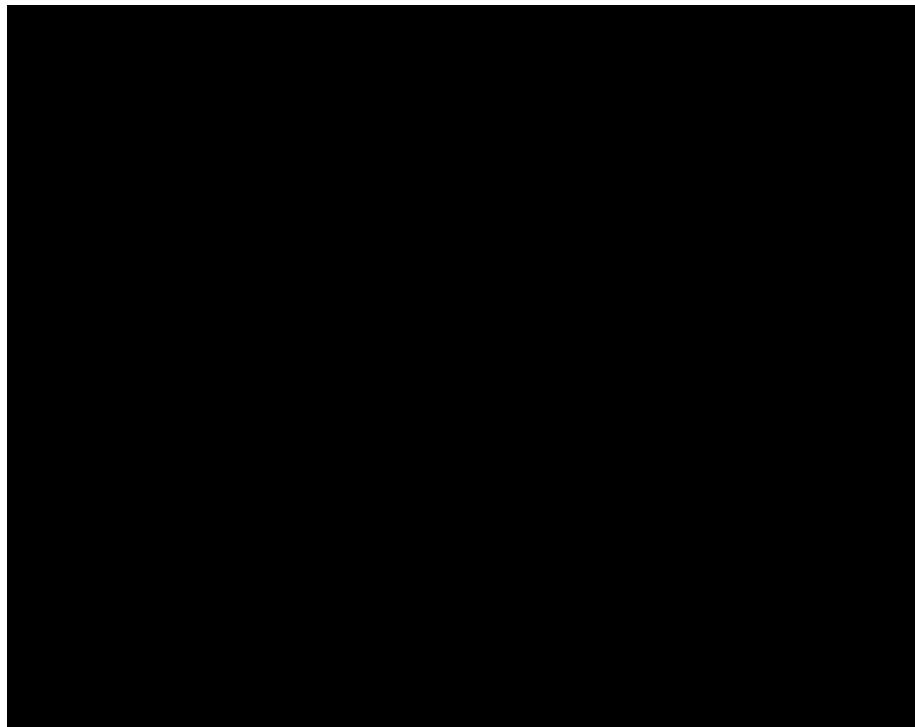
(xxiii) engine maintenance write-ups; and

(xxiv) AWB for all original Records].

Date: _____, 2022



Date: _____, 2022



[Signature Page - Engine Return Receipt
(ESN 575744)]

**ENGINE RETURN RECEIPT
(ESN 575744)**

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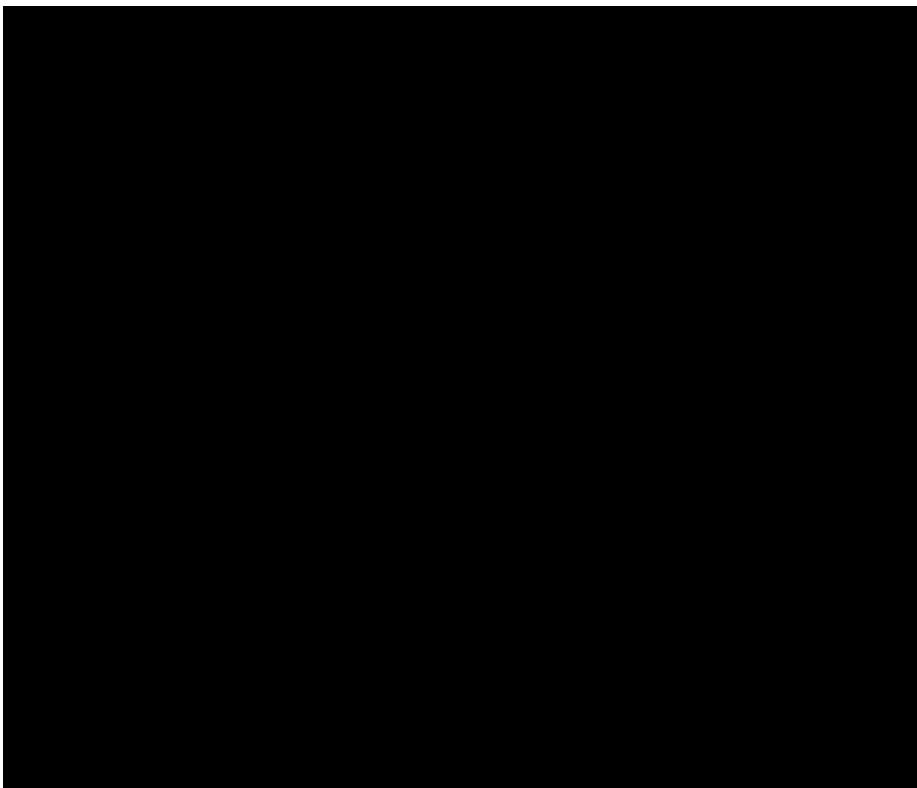
(xxiii) engine maintenance write-ups; and

(xxiv) AWB for all original Records].

Date: _____, 2022



Date: _____, 2022



[Signature Page - Engine Return Receipt
(ESN 575744)]

BILL OF SALE

BY THIS BILL OF SALE and in consideration of value received, the receipt of which is hereby acknowledged, [REDACTED] and whose registered office is at [REDACTED] ("Seller") does hereby, sell, grant and transfer, in accordance with the terms of an Aircraft Purchase Agreement dated February 1, 2021 (as amended, restated and otherwise modified from time to time, "Purchase Agreement") made between the Seller and [REDACTED] a designated activity company limited by shares and incorporated under the laws of Ireland with its registered office at [REDACTED]

[REDACTED] ("Buyer"), all its rights, title and interest in and to the Equipment specified below to the Buyer for and in consideration of the Purchase Price receipt of which is hereby acknowledged by Seller:

1. one (1) used Airbus model A319-112 aircraft bearing manufacturer's serial number 2074;
2. two (2) used CFM International, Inc. model CFM56-5B engines bearing manufacturer's serial numbers 575685 and 575744;
3. all equipment, accessories and Parts belonging to, installed in or appurtenant to such aircraft or engines to the extent that title thereto has been vested in Seller; and
4. the Aircraft Documentation; (referred to herein as the "**Equipment**").

The Equipment is sold in "*as-is and where-is*" condition.

The Seller hereby warrants to the Buyer, its successors and assigns that it had good and lawful right to sell, deliver and transfer title to the Equipment, free and clear of all liens, claims, charges, encumbrances and rights of others and that Seller shall forever warrant and defend such title against any claims and demands other than as specified in Clause 2.1 of the Purchase Agreement

This Bill of Sale shall be governed by and construed in accordance with the laws of New York, subject to mandatory law.

Unless otherwise defined herein or the context requires otherwise, terms and expressions defined in the Purchase Agreement have the same meanings when used in this Bill of Sale.

[Remainder of the Page Intentionally Left Blank]

IN WITNESS WHEREOF Seller has caused this Bill of Sale with respect to one Airbus Aircraft with MSN 2074 to be duly executed at 16:35 hours (New York time) this 2nd day of November, 2021 whilst the Aircraft was located at [REDACTED] in [REDACTED]

L (Seller)

[REDACTED] (Buyer)

By:
Title:

IN WITNESS WHEREOF Seller has caused this Bill of Sale with respect to one Airbus Aircraft with MSN 2074 to be duly executed at 16:35 hours (New York time) this 2nd day of November, 2021 whilst the Aircraft was located at
[REDACTED] [REDACTED]

[REDACTED] (Seller)

By:

Title:

[REDACTED] (Buyer)
[REDACTED]

[REDACTED]

Incident / Accident Clearance Statement:

Date: **31/jan/2022**

Engine Model: CFM56-5B6/P
MFR S/N: 575744

This Letter is to confirm that with regard to the above mentioned **CFM56-5B6/P** Engine bearing manufacturer serial number **575744**, we hereby confirm that to the best of our knowledge the above mentioned Engine, together with its subparts and components, during its operation:

with [REDACTED] from 15/oct/2021 until 12/jan/2022:

1. Neither the engine, nor any part installed have been:
 - Damaged during, or identified as the root cause of, a reportable incident or accident as defined by Annex 13 to the Chicago Convention, or.
 - Subjected to severe stress or heat (such as in a major engine failure, accident or fire) or has been submersed in salt water,
 - Have not been subjected to extreme stress or over temperature, or exceeded the Manufacturer's Operational Limitations;
 - Has not been exposed to corrosive agents outside of those approved by the manufacture for the purposes of maintenance and/or preservation only; and
 - Were maintained in accordance with the standards and practices recommended by the manufacturers, as well as [REDACTED] approved Maintenance Programs.

Unless its airworthiness status was re-established by an approved maintenance organization in accordance with the applicable airworthiness regulations and instructions of the type certificate holder and/or supplemental type certificate holder and/or OEM of the part, and supported by an authorized airworthiness release certificate.

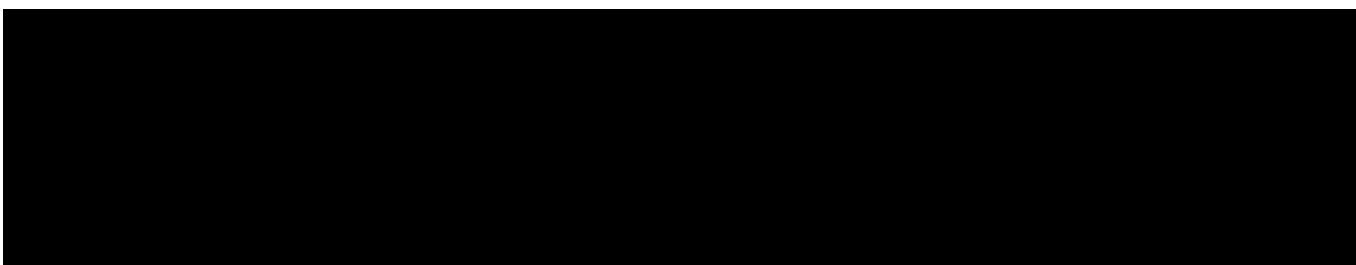
2. No part has been installed on the aircraft which was obtained from a military source or was previously fitted to a state aircraft as deemed by Article 3 of the Chicago Convention.

ENGINE TIMES at 12/jan/2022: TSN 33788 – CSN 29997

[REDACTED]
Signature:

Name:

Position:



[REDACTED]

Fiumicino 21/feb/2022

OPERATOR STATEMENT

To Whom It May Concern

Engine P/N: CFM56-5B6/P
Engine S/N: 575744

Status @ 12/jan/2022:

Engine Time Since New: 33788
Engine Cycles Since New: 29997
Engine TSLSV: 10640
Engine CSLSV: 10000

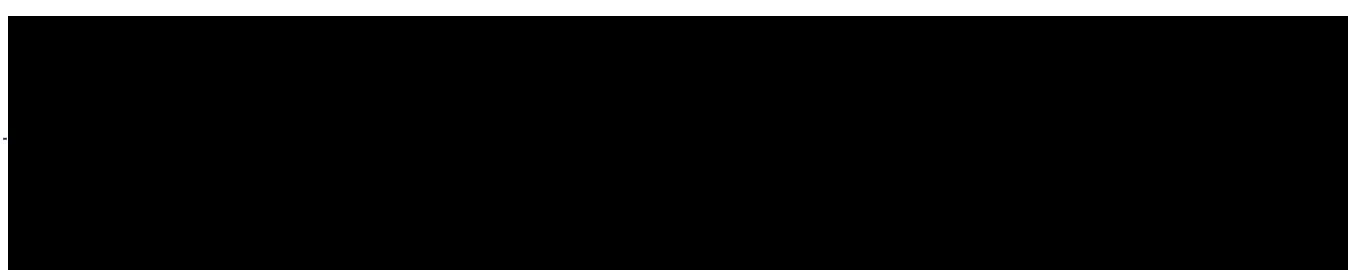
This Statement certifies that above Engine was operated by [REDACTED] from **15/oct/2021** until **12/jan/2022** and confirms, to the best of my knowledge, that it has been operated at following thrust rate level:

- **23500 lbs. (CFM56-5B6/P)** from 15/oct/2021 to 12/jan/2022 (FH 212/FC 195)

Signature: [REDACTED]

Name: [REDACTED]

Position: [REDACTED]



OPERATOR'S COMBINATION STATEMENT

This serves to confirm that during the lease term, operation, and redelivery of Engine model: CFM56-5B/6P serial number: 575744 by [REDACTED] :

- 1) There are Open Maintenance items, Deferred Maintenance, MMEL items and/or Carry Forward items outstanding on the Engine and its QEC Kit at redelivery. Yes No
Ref. WOs 829142131, 912856421
- 2) Alert Service Bulletins/Service Bulletins and/or Manufacturer's All Operator Wires were accomplished or complied with. Yes No *If yes, please provide supporting documentation*
- 3) Engine, Accessory and/or QEC Kit components were replaced. Yes No
If yes, please provide supporting documentation
- 4) Unscheduled Maintenance and/or Inspections were performed during the lease term.
Yes No *Ref. WOs 109129025, 109129037, 109129038*
- 5) Scheduled Maintenance and/or Inspections were performed during the lease term.
Yes No *Ref. WOs 917562203, 917532302, 917453272, 917453081*
- 6) Fan Blade Lubrication was accomplished Yes No
If yes, please provide supporting documentation
- 7) Fan Blade Replacement was performed Yes No
If yes, please provide supporting documentation
- 8) The Engine was serviced with Oil MOBIL OIL JET 2 during the lease term
- 9) An Oil Analysis report was generated during the lease term. Yes No
Ref. Oil Trend provided
- 10) The Oil Consumption rate was (*Ref. Oil Trend provided*) during the lease term
- 11) The Engine was operated using CIS Fuels and/or Fuel Additives. Ref: CF6-80C2 SB 73-0355 R01/ CFM56 SB 73-0146R1 No N/A if not applicable Yes If yes, please list fuel type and duration.
- 12) (Only applicable for IAE engines) In accordance with IAE design policy and SB 72-A0615 Rev. 9 page 12 paragraph F, we herewith warrant and confirm that the Engine has not stayed shutdown more than six hours in India after engine shutdown for more than 0 times during the Operational Term.
Please check if this item is not applicable N/A
- 13) Was the fuel used during lease term ever contaminated with Fatty Acid Methyl Ester (FAME) Reference FAA SPECIAL AIRWORTHINESS INFORMATION BULLETIN: NE-09-25R1?
Yes No If yes, please advise amount of FAME and corrective action
- 14) Were any Non-OEM Approved Repairs performed on the Engine or its installed QEC?
Yes No *If yes, please provide supporting documentation*

Part Movement Traceability Report

Part Number	CFM56-5B6/P	Serial Number	575744	Inst./Rem.	Date	Reason	Thrust Rate level	Part No.	TSN	CSN	Part No.	Serial No.	TSN	CSN	AC Typ	AC MSN	TAH	TAC	EV NBR	OVH SHOP
INST	17.Dec.2003						23500 lbs.	CFM56-5B6/P	0	0	CFM56-5B6/P	575744	0	0	319	2127	0	0	---	----
REM	04.Oct.2012	CONVENIENCE					23500 lbs.	CFM56-5B6/P	17820	15099	CFM56-5B6/P	575744	17820	15099	319	2127	17820	15099	---	----
INST	04.Oct.2012						23500 lbs.	CFM56-5B6/P	17820	15099	CFM56-5B6/P	575744	17820	15099	319	2101	18019	15357		
REM	23.Jun.2015	US					23500 lbs.	CFM56-5B6/P	23148	19997	CFM56-5B6/P	575744	23148	19997	319	2101	23347	20255	278	IAI
INST	13.Jan.2016						23500 lbs.	CFM56-5B6/P	23148	19997	CFM56-5B6/P	575744	23148	19997	319	2074	24562	21512		
REM	12.Jan.2022	CONVENIENCE					23500 lbs.	CFM56-5B6/P	33798	29997	CFM56-5B6/P	575744	33798	29997	319	2074	35202	31512	---	----

Date : 31/Jan/2022

LLP Status

1

LLP Status

1



Date: 14/oct/2021

Incident/Accident Clearance Statement

To Whom It May Concern:

Engine serial number **575744**, details of which are specified below, has been operated by [REDACTED] during the period from 17/dec/2003 to 14/oct/2021.

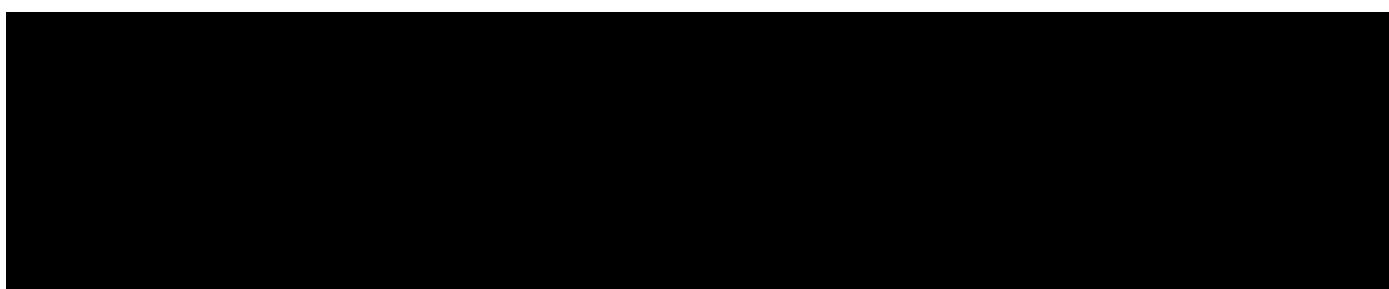
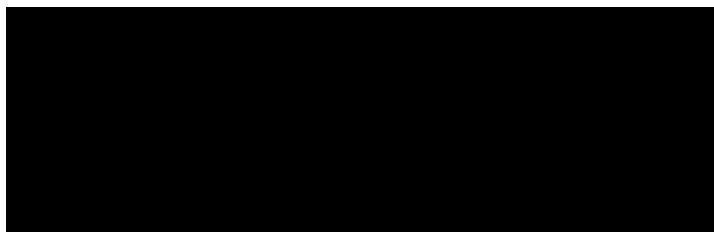
Configuration details as of date of this statement;

Description	Type/Part No.	Serial No.	TSN	CSN
Engine	CFM56-5B6/P	575744	33576	29802

I hereby certify that, to the best of my knowledge, during the period stated above:

1. Neither the engine, nor any part installed have been
 - a. damaged during, or identified as the root cause of, a reportable incident or accident as defined by Annex 13 to the Chicago Convention, or
 - b. subjected to severe stress or heat (such as in a major engine failure, accident, or fire) or has been submersed in salt water,unless its airworthiness status was re-established by an approved maintenance organization in accordance with the applicable airworthiness regulations and instructions of the type certificate holder and/or OEM of the part and supported by an authorized airworthiness release certificate.
2. No part has been installed on the engine which was obtained from a military source or was previously fitted to a state aircraft as deemed by Article 3 of the Chicago Convention.

For [REDACTED] in a.s.



LLP Status

UUP Status

CFM56-5B6/P
575744
EI-IMD

INSTALLATION DATE 13-Jan-2016

TSN	231
CSN	199
TSLSV	0
CSLSV	0

ISSUE DATE 31-Jan-2022
STATUS @ 13-Jan-2016

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.-1694-668-2015
4. Organization Name and Address: 			5. Work Order/Contract/Invoice Number: 2015E-668		
6. Item:	7. Description: 1. ENGINE	8. Part Number: CFM56-5B2/P	9. Quantity: 1EA.	10. Serial Number: 575744	11. Status/Work: REPAIRED
12. Remarks: ENGINE: T.T.: 23148:00 T.C.: 19997					
<p>1. CUSTOMER ALITALIA RO: R2738215 (ETR 278 REV 02). 2. REMOVED FROM A/C EI-IMH POS 2. 3. ENGINE WAS INSPECTED, REPAIRED AND TESTED AS REQUIRED IN ACCORDANCE WITH ENGINE SHOP MANUAL P/N: CFMI-TP.SM.9 REV.66 SEP 15, 2015. 4. ENGINE BORESCOPE CHECK CARRIED OUT. I.A.W. ENGINE SHOP MANUAL P/N: CFMI-TP.NT.11 REV.38 NOV 30, 2011. 5. ENGINE OIL AND FUEL SYSTEMS PRESERVED FOR 365 DAYS I.A.W ESM ESM TASK 72-00-00-500-001-0. EXPIRY DATE DEC 30, 2016. 6. PRIOR TO ENGINE TEST RUN ON A/C, THE ENGINE AND ENGINE DRIVEN COMPONENTS SHOULD BE SERVICED I.A.W. AIRBUS AMM. 7. ENGINE TO BE TESTED ON A/C FOR LEAKS FOLLOWING Q.E.C. INSTALLATION.</p>					
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.			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 performed in accordance with Title 14, Code of Federal Regulations, part 43 and the items are approved for return to service.		
13b. Authorized Signature:	13c. Approval/Authorization No.:	14b. Authorized Signature:		14c. Approval/Certificate No.:	
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed):		14e. Date (dd/mmm/yyyy):	03/JAN/2016
User / Installer Responsibilities					
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>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.</p> <p>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.</p>					

LIFE LIMITED PARTS FOR A CFM56-5B2/P ENGINE

ENGINE S/N: **575744**

OWNER/CUSTOMER:
 DATE: NOV.30.2015
 TIME LIMITS MANUAL: SM.9 REV 66.
 ENGINE WORK RECORD NO. 2015E-668

TSN: 23148:00
 CSN: 19,997
 TSLSV: 00
 CSLSV: 0

FIRST LIMITATION CYC.
 FAN DISK. 10003 CYC.

DESCRIPTION	PART NO	SER NO.	TOTAL HOURS	TOTAL CYCLES	TOTAL CYCLES					CYCLES LIMIT					REMAINING CYCLES					REMARKS
					3B1	5B2/P	5B6/P	5B4/P	5C4	5B2/P	5B6/P	5B4/P	5C4	B not/P	5B2/P	5B6/P	5B4/P	5C4	B not/P	
FAN & BOOSTER MOD.	21X75744		23148:00	19,997																
FAN DISK	338-001-504-0	BC061631	23148:00	19,997	0	0	19997	-	-	30,000	30,000	30,000	-	-	10,003	10,003	10,003	-	-	
BOOSTER SPOOL	338-001-906-0	BB962897	23148:00	19,997	0	0	19997	-	-	30,000	30,000	30,000	-	-	10,003	10,003	10,003	-	-	
FAN SHAFT	338-010-601-0	DC548436	23148:00	19,997	0	0	19997	-	-	30,000	30,000	30,000	-	-	10,003	10,003	10,003	-	-	
HPC. ROTOR MOD.	31X75744		23148:00	19,997																
COMP. ROT. FRONT SHAFT	1386M56P03	NCU28185	NEW	NEW	0	0	0	0	0	20,000	20,000	20,000	-	-	20,000	20,000	20,000	-	-	
COMP. ROT. 1-2 SPOOL STG.	1558M31G07	FGBOA6EN	NEW	NEW	0	0	0	0	0	20,000	20,000	20,000	-	-	20,000	20,000	20,000	-	-	
COMP. ROT. DISK 3RD STG.	2116M23P01	XAEDEV139	NEW	NEW	0	0	0	0	0	20,000	20,000	20,000	-	-	20,000	20,000	20,000	-	-	
COMP. ROT. SPOOL 4-9 STG.	2048M20G04	GWN0WNMG	NEW	NEW	0	0	0	0	0	20,000	20,000	20,000	-	-	20,000	20,000	20,000	-	-	
REAR COMP. (CDP) AIR SEAL	2116M25P01	GFF5J3KP	NEW	NEW	0	0	0	0	0	20,000	20,000	20,000	-	-	20,000	20,000	20,000	-	-	
HPT. ROTOR MOD.	52X75744		23148:00	19,997																
HPT. FRONT SHAFT	2048M21P03	FCV02V54	NEW	NEW	0	0	0	0	0	20,000	20,000	20,000	-	-	20,000	20,000	20,000	-	-	
HPT. FRONT AIR SEAL	2116M20P02	TMT3T905	NEW	NEW	0	0	0	0	0	20,000	20,000	20,000	-	-	20,000	20,000	20,000	-	-	
HPT. DISK	1498M43P07	GWN0WN22	NEW	NEW	0	0	0	0	0	20,000	20,000	20,000	-	-	20,000	20,000	20,000	-	-	
HPT. REAR SHAFT	1864M90P04	TMTD1589	NEW	NEW	0	0	0	0	0	20,000	20,000	20,000	-	-	20,000	20,000	20,000	-	-	
LPT. ROTOR MOD.			23148:00	19,997																
LPT DISK 1ST. STG.	336-001-804-0	PC304348	NEW	NEW	0	0	0	0	0	25,000	25,000	25,000	-	-	25,000	25,000	25,000	-	-	
LPT DISK 2ND STG.	336-001-909-0	PC308001	NEW	NEW	0	0	0	0	0	25,000	25,000	25,000	-	-	25,000	25,000	25,000	-	-	
LPT DISK 3RD STG.	336-002-006-0	PC315039	NEW	NEW	0	0	0	0	0	25,000	25,000	25,000	-	-	25,000	25,000	25,000	-	-	
LPT DISK 4TH STG.	336-002-105-0	PC302608	NEW	NEW	0	0	0	0	0	25,000	25,000	25,000	-	-	25,000	25,000	25,000	-	-	
CONICAL SUPPORT	340-301-702-0	DK266393	NEW	NEW	0	0	0	0	0	25,000	25,000	25,000	-	-	25,000	25,000	25,000	-	-	
LPT CASE	338-117-455-0	DC503877	23148:00	19,997	0	0	19,997	0	0	N/L	N/L	N/L	-	-	-	-	-	-	SB72-589 & 706 C/W	
LPT SHAFT	338-010-005-0	PC268135	NEW	NEW	0	0	0	0	0	25,000	25,000	25,000	-	-	25,000	25,000	25,000	-	-	
LPT REAR FRAME	338-171-703-0	LA113047	23148:00	19,997	0	0	19,997	0	0	-	25000**	-	-	-	-	5,003	-	-	SB72-0521 C/W	

Remark:

ENG.RECORD NO.2015E-668 DATED:30/11/2015 REPAIRED & TESTED AT ENG. TSN.:23148:00 CSN.:19997.LLP's REPLACED:HPT. ROTOR LLP's HPT. ROTOR LLP's LPT. ROTOR LLP's LPT. SHAFT/NEW/L
 **NOTE: THIS IS LIMIT FOR INSPECTION ONLY.

DATE: **03 -01- 2016**

FINAL RESULTS

Airlines : [REDACTED]

Module Number : **575744**

Engine Model : **CFM56-5B**

Disk stage : **FAN BLADE STAGE 1**

Blade quantity : **36**

Operator : **IAI - LIYAM**

Date : **12/14/2015**

Mapped : **YES**

Opposite switch : **YES**

Adjacent switch : **YES**

Comments : *[Signature]*

Final unbalance	Max. required
Resultant : 11.07 cm.g	500 cm.g
Angle : 97.81 degrees	
Pair criteria : 198 cm.g	200 cm.g

Calculation type : **Distribution after adjacent switch**

Slot number	Serial number	Moment weight
1	BC150083-0	165237.00000
2	BC197368-F	162996.00000
3	BC189991-0	161737.00000
4	BC211232-K	160721.00000
5	BC174525-7	159557.00000
6	BC197396-1	159938.00000
7	BC174524-8	161056.00000
8	BC197367-G	162199.00000
9	BC206236-E	163189.00000
10	BC197365-J	163997.00000
11	BC206241-J	162377.00000
12	BC211234-H	161356.00000
13	BC211231-L	160568.00000
14	BC178499-W	158683.00000
15	BC192340-C	159669.00000
16	BC178495-H	161025.00000
17	BC206235-0	162077.00000
18	BC174566-4	163042.00000

Slot number	Serial number	Moment weight	Difference
19	BC174571-P	165084.00000	153.00000
20	BC178474-K	162981.00000	15.00000
21	BC206233-2	161671.00000	66.00000
22	BC211233-J	160751.00000	30.00000
23	BC197395-2	159496.00000	61.00000
24	BC197394-3	160020.00000	82.00000
25	BC206232-3	161163.00000	107.00000
26	BC197369-Y	162133.00000	66.00000
27	BC174567-3	163123.00000	66.00000
28	BC174570-R	163921.00000	76.00000
29	BC206237-D	162473.00000	96.00000
30	BC174568-2	161376.00000	20.00000
31	BC206234-1	160649.00000	81.00000
32	BC192339-J	158805.00000	122.00000
33	BC178496-G	159593.00000	76.00000
34	BC197366-H	160827.00000	198.00000
35	BC206239-B	161925.00000	152.00000
36	BC174569-1	163093.00000	51.00000

DATE: 23.12.2015

WS-560G003

Standard TreeTable

Partnumber	Serialnumber	Description	TSN	CSN
CFM56-5B2/P	575744	ENGINE ASSY A319 A/C C.F.M. INTL.	23148	19997
Partnumber	Serialnumber	Description	TSN	CSN
724400-2	YA009210W	MAIN FUEL PUMP (CFM56-5B)	22418	18504
8061-536	WYGA3263	H.M.U.(CFM56-5B ALL MODEL)	25040	20005
642-2000-15	P3103	FWD ENG. MOUNT ASSY(KIT SU IPC)CFM56	23140	19991
642-2300-1	P2527	AFT ENGINE MOUNT CFM-56	23140	19991
2123M56P01	LMDN2300	ELECTRONIC CONTROL UNIT	24840	18184
3505582-65	YG336444-UC	STARTER	32783	4858
CA172-02	YC390021	HARNESS COUPLING EGT CFM56-5B2	23138	19990
CA170-00	YC370028	HARNESS EGT UP CFM56-5B2	23138	19990
CA171-00	YC380049	HARNESS EGT LOWER X CFM56-5B2	23138	19990
TC316-00	YC420051	WIRING EGT 3TC CFM56-5B2	23138	19990
TC315-00	YC420048	WIRING EGT 2TC CFM56-5B2	23138	19990
TC315-00	YC420134	WIRING EGT 2TC CFM56-5B2	23138	19990
TC315-00	YC430014	WIRING EGT 2TC CFM56-5B2	23138	19990
RP198-01	YC136645	SENSOR T12 X CFM56-5B2	23148	19997

TC201-00	VVVVFFFFFF09013	SENSOR OIL TEMPERATURE X CFM56-5B2	23148	19997
326635-3	WCPT1710C	HPTACC VALVE X CFM56-5B	36103	26667
C25175000-1	YR016435	VALVE LPTACC X CFM56-5B2	23148	19997
9387M17P08		STATOR X P.M.A.CFM56-5B/CF6-80C2		
9387M16P02	HTLR905A	ROTOR-GENERATOR AC *	23148	19997
8TC19AAH1	GDB5D13G	TCC THERMOCONTROL CFM56-5B2	23510	20412
2293B020000	VVVVFFFFFF09002	INTERMEDIATE PRESSURE VALVE	23148	19997
9238M66P08	UNJM6430	EXCITER, IGNITION	23148	19997
9238M66P08	UNJL5506	EXCITER, IGNITION	23148	19997
9043110-16	VVVVFFFFFF09002	IGNITION LEAD CFM56-5B2	23148	19997
9043110-16	VVVVFFFFFF09003	IGNITION LEAD CFM56-5B2	23148	19997
RP216-00	YC057195	CIT/T25 TEMP/PRESS SENSOR CFM56	23148	19997
1853M12P04	GRTU6286	TRANSIENT BLEED VLV CFM56-5B2/P POST	23148	19997
102-00090	VVVVFFFFFF09002	OIL TEMP ELECTRICAL SENSOR	23148	19997
11-841193-3	YY082536	OIL/FUEL HEAT EXCHANGER	23148	19997
1324M12P10	APMNW251	VSV ACTUATOR CFM56-5B2 (ACQUISTARE P	23148	19997
1324M12P10	APMNW259	VSV ACTUATOR CFM56-5B2 (ACQUISTARE P	23148	19997
121664-8	VVVVFFFFFF09001	VBV ACT.	23148	19997
121664-8	VVVVFFFFFF09002	VBV ACT.	23148	19997
121664-8	VVVVFFFFFF09003	VBV ACT.	23148	19997
121664-8	VVVVFFFFFF09004	VBV ACT.	23148	19997
121664-8	VVVVFFFFFF09005	VBV ACT.	23148	19997
121664-8	VVVVFFFFFF09006	VBV ACT.	23148	19997
121664-8	VVVVFFFFFF09007	VBV ACT.	23148	19997
121664-8	VVVVFFFFFF09008	VBV ACT.	23148	19997
121664-8	VVVVFFFFFF09009	VBV ACT.	23148	19997
121664-8	VVVVFFFFFF09010	VBV ACT.	23148	19997
121664-8	VVVVFFFFFF09011	VBV ACT.	23148	19997
121664-13	YG201286	VBV MASTER	23148	19997

Partnumber	Serialnumber	TSN	CSN	Partnumber	Serialnumber	TSN	CSN	Task	Engine

See Acc. List

Standard TreeTable

Partnumber	Serialnumber	Description	TSN	CSN
CFM56-5B2/P	575744	ENGINE ASSY A319 A/C C.F.M. INTL.	23148	19997
Partnumber	Serialnumber	Description	TSN	CSN
3282970-4	YG092595K	VBV STOP MECHANISM	22000	19068
396800-12	YA017619	VBV MOTOR CFM56-5B2	23148	19997
887673	MX668069	ENGINE DRIVE PUMP (EDP)	23148	19997
6237M106B	VVVVVFFFFF09001	TURBINE VIBRAT. SENSOR X CFM56-5B2	23148	19997
144-183-000-021	VVVVVFFFFF09002	N1 VIBRAT. SENSOR X CFM56-5B2	23148	19997
320-557-502-0	YH597358	N1 SPEED SENSOR CFM56-5B2	23148	19997
320-549-004-0	YJ196109	N2 SPEED SENSOR CFM56-5B2	23148	19997
327155-3	VVVVVFFFFF09001	ENGINE ANTI-ICE CONTROL VALVE	23148	19997
3291556-2	YG322178	STARTER VALVES/O VLV TSK F>15000 HRS	23595	20096
337-075-105-0	10702	LUBRICATION UNIT X CFM56-5B2	23148	19997
24F5202	YT096777	OIL TANK X CFM56-5B2	23148	19997
45731-1382	YB018192	FUEL HEATER X CFM56-5B2	23148	19997
45731-1391	YB006713	I.D.G. COOLER X CFM56-5B2	23148	19997
6773B030000	00225	HP BLEED VALVE	29920	UNKNOWN
6774B030000	00125	BLEED PRESSURE REGULATOR VALVE (PRV)	36142	22790
740119H	3318	INTEGRATED DRIVE GENERATOR	UNKNOWN	UNKNOWN
1853M48P04	GDB7988M	F/F/ TRANSMITTER X CFM56-5B2	23148	19997
8910-332	YP049438	FUEL RETURN VALVE X CFM56-5B2	23148	19997
1317M47G16	PCYAT303	FUEL NOZZLE CFM56-5B2	23148	19997
1317M47G16	PCYAT304	FUEL NOZZLE CFM56-5B2	23148	19997
1317M47G16	PCYAT301	FUEL NOZZLE CFM56-5B2	23148	19997
1317M47G16	PCYAT302	FUEL NOZZLE CFM56-5B2	23148	19997
1317M47G01	PCY3937R	FUEL NOZZLE CFM56-5B2	23148	19997
1317M47G01	PCY3938R	FUEL NOZZLE CFM56-5B2	23148	19997
1317M47G01	PCY3939R	FUEL NOZZLE CFM56-5B2	23148	19997
1317M47G01	PCY3940R	FUEL NOZZLE CFM56-5B2	23148	19997
1317M47G01	PCY3941R	FUEL NOZZLE CFM56-5B2	23148	19997
1317M47G01	PCY3942R	FUEL NOZZLE CFM56-5B2	23148	19997
1317M47G01	PCY3943R	FUEL NOZZLE CFM56-5B2	23148	19997
1317M47G01	PCY3944R	FUEL NOZZLE CFM56-5B2	23148	19997
1317M47G01	PCY3945R	FUEL NOZZLE CFM56-5B2	23148	19997
1317M47G01	PCY3946R	FUEL NOZZLE CFM56-5B2	23148	19997
1317M47G01	PCY3947R	FUEL NOZZLE CFM56-5B2	23148	19997
1317M47G01	PCY3948R	FUEL NOZZLE CFM56-5B2	23148	19997
1317M47G01	PCY3949R	FUEL NOZZLE CFM56-5B2	23148	19997
1317M47G01	PCY3950R	FUEL NOZZLE CFM56-5B2	23148	19997
1317M47G01	PCY3951R	FUEL NOZZLE CFM56-5B2	23148	19997
1317M47G01	PCY3952R	FUEL NOZZLE CFM56-5B2	23148	19997
3380707070 (SMDL1/P)	21X75744	FAN & BOOSTER ASSY CFM56-5B2/P	23148	19997
338-001-906-0	BB962897	BOOSTER SPOOL ASY FOR CFM56-5B2 ITEM	23148	19997
338-001-504-0	BC061631	FAN DISK ASSY FOR CFM56-5B2 ITEM 213	23148	19997
338-002-114-0	BC150083	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997
338-002-114-0	BC174567	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997

Partnumber	Serialnumber	TSN	CSN		
Partnumber	Serialnumber	TSN	CSN		
575744	23148	19997			
Partnumber	Serialnumber	TSN	CSN	Task	Engine
SMDL1/P	21X75744	23148	19997		
NOT REPLACED					
NOT REPLACED					
338-002-114-0	BC150083-0	23148	19997		
338-002-114-0	BC174571-P	23148	19997		

See Acc. List

Standard TreeTable

Partnumber	Serialnumber	Description	TSN	CSN	
CFM56-5B2/P	575744	ENGINE ASSY A319 A/C C.F.M. INTL.	23148	19997	
Partnumber	Serialnumber	Description	TSN	CSN	
338-002-114-0	BC174568	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC174569	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC174570	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC174571	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC178474	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC178495	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC178496	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC178499	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC189991	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC192339	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC192340	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC197365	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC197366	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC197367	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC197368	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC197369	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC197394	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC197395	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC197396	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC206232	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC206233	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC206234	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC206235	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC206236	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC206237	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC206239	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC206241	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC211231	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC211232	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC211233	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC211234	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC174524	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC174525	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
338-002-114-0	BC174566	FAN BLADE CFM56-5B2 (POST SB72-025)	23148	19997	REPAIRED
3380708020 (SMDL2)	22X75744	MDL 2 (BRGS 1 E 2 SUPPORT AY) CFM 56	23148	19997	22X75744
301-297-812-0	MA150267	BRG 1 SLEEVE FOR CFM56-5B2	23148	19997	
338-010-601-0	DC548436	FAN SHAFT AY FOR CFM56-5B2 ITEM 221	23148	19997	
301-298-211-0	MA159303	BRG 2 REAR ROT AIR/OIL SEAL CFM56-5B	23148	19997	
301-539-211-0	MA175205	BRG 2 BEARING SUPPORT ASSY FOR CFM56	23148	19997	
337-108-201-0	MA180198	BALLBEARING NBR 1 FOR CFM56-5B2	23148	19997	
305-366-204-0	MA143232	ROLLER BEARING NBR 2 FOR CFM56-5B2	23148	19997	
338-010-502-0	MC025728	BRG 1 SUPPORT ASSY FOR CFM56-5B2	23148	19997	
338-063704-0	MA160462	AIR OIL STA SEAL FOR CFM56-5B2	23148	19997	SCRAP
9324M54G04 (SMDL3)	61X75744	MDL3 (INLET GBX AND BRG 3 ASSY)CFM56	23148	19997	
1361M13P01	ACHD9527	#3 BEARING ROTATING SEAL CFM56 IT.	23148	19997	

Partnumber	Serialnumber	TSN	CSN			
Partnumber	Serialnumber	TSN	CSN			
338-002-114-0	BC197365-J	23148	19997			
338-002-114-0	BC174570-R	23148	19997			
338-002-114-0	BC206236-E	23148	19997			
338-002-114-0	BC174567-3	23148	19997			
338-002-114-0	BC174569-1	23148	19997			
338-002-114-0	BC174566-4	23148	19997			
338-002-114-0	BC197368-F	23148	19997			
338-002-114-0	BC178474-K	23148	19997			
338-002-114-0	BC206237-D	23148	19997			
338-002-114-0	BC206241-J	23148	19997			
338-002-114-0	BC197367-G	23148	19997			
338-002-114-0	BC197369-Y	23148	19997			
338-002-114-0	BC206235-O	23148	19997			
338-002-114-0	BC206239-B	23148	19997			
338-002-114-0	BC189991-0	23148	19997			
338-002-114-0	BC206233-2	23148	19997			
338-002-114-0	BC174568-2	23148	19997			
338-002-114-0	BC211234-H	23148	19997			
338-002-114-0	BC206232-3	23148	19997			
338-002-114-0	BC174524-8	23148	19997			
338-002-114-0	BC178495-H	23148	19997			
338-002-114-0	BC197366-H	23148	19997			
338-002-114-0	BC211233-J	23148	19997			
338-002-114-0	BC211232-K	23148	19997			
338-002-114-0	BC206234-1	23148	19997			
338-002-114-0	BC211231-L	23148	19997			
338-002-114-0	BC197394-3	23148	19997			
338-002-114-0	BC197396-1	23148	19997			
338-002-114-0	BC192340-C	23148	19997			
338-002-114-0	BC178496-G	23148	19997			
338-002-114-0	BC174525-7	23148	19997			
338-002-114-0	BC197395-2	23148	19997			
338-002-114-0	BC192339-J	23148	19997			
338-002-114-0	BC178499-W	23148	19997			
SMDL2	22X75744	23148	19997			
NOT REPLACED						
NOT REPLACED						
NOT REPLACED						
NOT REPLACED						
NOT REPLACED						
NOT REPLACED						
NOT REPLACED						
NOT REPLACED						
338-063-705-0	MA447335	0	0	NEW		
SMDL3	61X75744	23148	19997			
NOT REPLACED						

AS-BUILT ENGINE DATA SUBMITTAL
ENGINE SERIAL NUMBER: 575744

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ENGINE TYPE	CFM56-5 --B6/P SERIES		
TIME SINCE NEW	000000	SHIPPING DATE	2003/12/04
CYCLES SINCE NEW	000000	REPORT DATE	2003/12/09

CONFIGURATION LISTING

IIN	NOMENCLATURE	PART NUMBER	PSN	PTSN	PCSN	LLP	POS	MOMENT WT
21X	FAN AND BOOSTER ASSY	338-070-707-0	21X75744	000000	000000			
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC174571	000000	000000	001	166060	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC178474	000000	000000	002	163990	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC206239	000000	000000	003	162740	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC211232	000000	000000	004	161640	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC178496	000000	000000	005	160450	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC197394	000000	000000	006	160850	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC206232	000000	000000	007	162380	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC197369	000000	000000	008	163150	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC174566	000000	000000	009	164290	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC197365	000000	000000	010	164930	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC206237	000000	000000	011	163310	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC174524	000000	000000	012	162430	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC211231	000000	000000	013	161500	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC178499	000000	000000	014	159900	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC197396	000000	000000	015	160660	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC178495	000000	000000	016	161930	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC206235	000000	000000	017	163020	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC197368	000000	000000	018	164280	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC150083	000000	000000	019	166040	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC174569	000000	000000	020	163950	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC189991	000000	000000	021	162660	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC211233	000000	000000	022	161560	
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC192340	000000	000000	023	160490	

21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC174525	000000	000000	024	160770
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC211234	000000	000000	025	162180
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC206241	000000	000000	026	163310
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC206236	000000	000000	027	164460
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC174570	000000	000000	028	164810
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC197367	000000	000000	029	163230
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC174568	000000	000000	030	162620
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC206234	000000	000000	031	161630
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC192339	000000	000000	032	160090
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC197395	000000	000000	033	160490
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC197366	000000	000000	034	161730
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC206233	000000	000000	035	162830
21A	FAN ROTOR BLADE STG 1	338-002-114-0	BC174567	000000	000000	036	164280
211	BOOSTER SPOOL	338-001-906-0	BB962897	000000	000000	*	
213	FAN DISK	338-001-504-0	BC061631	000000	000000	*	
22X	#1 AND #2 BRG SUPPORT ASSY	338-070-802-0	22X75744	000000	000000		
22A	STATIONARY AIR/OIL SEAL	338-063-704-0	MA160462	000000	000000		
221	FAN SHAFT	338-010-601-0	DC548436	000000	000000	*	
222	#1 BRG SLEEVE	301-297-812-0	MA150267	000000	000000		
223	#1 BALL BEARING	337-108-201-0	MA180198	000000	000000		
226	#2 ROLLER BEARING	305-366-204-0	MA143232	000000	000000		
227	#2 BRG RTNG AIR/OIL SEAL	301-298-211-0	MA159303	000000	000000		
228	#1 BRG SUPPORT	338-010-502-0	MC025728	000000	000000		
229	#2 BRG SUPPORT	301-539-211-0	MA175205	000000	000000		
23X	FAN FRAME ASSY	338-070-936-0	23X75744	000000	000000		
23E	#3 BRG AFT STN AIR/OIL SEAL	9339M40G05	PPBTE396	000000	000000		
231	FAN FRAME WELDMENT	338-077-913-0	DC088461	000000	000000		
234	FRONT FAN INLET CASE	338-075-622-0	DC550604	000000	000000		
31X	HP COMPRESSOR ROTOR ASSY	1887M18G01	31X75744	000000	000000		
311	HPC ROT AIR DUCT	9514M54G05	CAN74382	000000	000000		
312	HPC ROTOR FORWARD SHAFT	1386M56P03	GWN079EE	000000	000000	*	
313	HPC ROTOR SPOOL STG 1 AND 2	1558M31G04	GWN07DJF	000000	000000	*	
314	HPC ROTOR DISK STG 3	1590M59P01	XAE77248	000000	000000	*	
315	HPCR SPOOL ASSY STG 4-9	1588M89G03	GWN07D96	000000	000000	*	
316	CDP ROTATING REAR AIR SEAL	1523M35P01	GFF5AM3P	000000	000000	*	
32X	HPC FRONT STATOR ASSY	1887M16G01	32X75744	000000	000000		
321	HPC FRONT STATOR CASE	1559M30G11	CDAC0226	000000	000000		
33X	HPC REAR STATOR ASSY	1887M17G01	33X75744	000000	000000		
331	HPC REAR STATOR CASE	1559M40G03	FBJG1146	000000	000000		
41X	COMBUSTION CASE ASSY	1887M83G03	41X75744	000000	000000		
411	COMBUSTION CASE	1784M91G02	FRZB1413	000000	000000		
413	HPT INNER STATIONARY SEAL	1808M56G01	ALF47DL5	000000	000000		
414	HPT OUTER STATIONARY SEAL	1784M84G01	FCP56F1N	000000	000000		
415	SUPPORT, REAR	1993M20G01	GEVKP6HK	000000	000000		
42A	INNER COWL	9531M11G02	BOM68121	000000	000000		