

Engine Mini Pack



Engine type	CFM56-3C1
Engine Serial Number	██████
Engine TT	59928.05
Engine TC	30279
TSLSV	9555.05
CSLSV	5279
LLP Limiter	3797
As of 2025/08/08	

LLP List

IIN	NOMENCLATURE	PART NUMBER	SERIAL NUMBER	TOTAL HOURS	TOTAL CYCLES	TOTAL CYCLES CATEGORY			REMAINING CYCLES CATEGORY			LIFE LIMIT(CYCLES) CATEGORY		
						CAT.A	CAT.B	CAT.C	CAT.A	CAT.B	CAT.C	CAT.A	CAT.B	CAT.C
211	BOOSTER SPOOL	335-009-306-0	PA164954	15731.1	10212	5279	3165	1768	19788	19788	19788	30000	30000	30000
213	DSK STG 1 FAN	335-014-511-0	BC568629	25486.1	16307	5279	3165	7863	9171	7612	6145	30000	24900	20100
221	SHAFT FAN	335-006-414-0	DC329551	25525.1	19274	10098	5256	3920	10726	10726	10726	30000	30000	30000
312	SHAFT HPC RTR	1275M37P02	GWN0EK9E	22810.1	11627	5279	368	5980	8373	8373	8373	20000	20000	20000
313	SPOOL STG 1-2	1589M66G02	GWN0EEK2	22810.1	11627	5279	368	5980	8373	8373	8373	20000	20000	20000
314	DISK STG 3 HPC	1590M59P01	XAEH4922	22810.1	11627	5279	368	5980	8373	8373	8373	20000	20000	20000
315	SPOOL HPCR STG 4-9	1588M89G03	GWN0R22M	22810.1	11627	5279	368	5980	6783	6783	5358	20000	20000	15800
316	SEAL AIR HPC REAR	1319M25P02	GFF5DDGK	19456.1	12223	12223	0	0	7777	6999	5832	20000	18000	15000
521	SHAFT FWD HPT	1385M90P04	XAEJ3132	22810.1	11627	5279	368	5980	7260	6280	6171	20000	17300	17000
522	SEAL AIR HPT FWD	1282M72P05	XAE34987	22810.1	11627	5279	368	5980	6334	5004	4782	20000	15800	15100
525	DSK HPT RTR	1475M29P02	GWN0AC2N	22810.1	11627	5279	368	5980	7118	6584	5908	20000	18500	16600
526	SHAFT REAR HPT	1864M91P02	TMT2B433	22810.1	11627	5279	368	5980	8373	8373	8373	20000	20000	20000
542	DISC STG 1 LPT	301-331-126-0	BC781496	26637.1	15535	5279	10256	0	9465	9465	9465	25000	25000	25000
543	DISC STG 2 LPT	301-331-227-0	BC761114	26637.1	15535	5279	10256	0	9465	9465	9465	25000	25000	25000
544	DISC STG 3 LPT	301-331-322-0	BC817439	26637.1	15535	5279	10256	0	9465	9465	9465	25000	25000	25000
545	DISC STG 4 LPT	301-331-429-0	DD686669	26637.1	15535	5279	10256	0	9465	9465	9465	25000	25000	25000
546	SUPPT CONC LPT	305-056-116-0	BB500439	37225.1	21203	5736	15467	0	3797	3797	3797	25000	25000	25000
551	SHAFT LPT	301-330-067-0	F001863	31554.1	20463	6527	9031	4905	9537	9537	9537	30000	30000	30000
552	SHAFT STUB LPT	301-330-626-0	BC680660	22810.1	11627	5279	368	5980	13373	13373	13373	25000	25000	25000

Borescope inspection report

Fan and Booster Rotor blades	
Stage 2	No damage
Stage 3	No damage
Stage 4	No damage

Booster Stator Vanes – limited view	
Stage 3	No damage
Stage 4	No damage

High Pressure Compressor Rotors	
Stage 1	No damage
Stage 2	No damage
Stage 3	No damage
Stage 4	No damage
Stage 5	No damage
Stage 6	No damage
Stage 7	No damage
Stage 8	No damage
Stage 9	No damage

High Pressure Compressor Vanes	
IGV	No damage
Stage 1	No damage
Stage 2	No damage
Stage 3	No damage
Stage 4	No damage
Stage 5	No damage
Stage 6	No damage
Stage 7	No damage
Stage 8	No damage

Combustion Chamber	
Inner Liner	Serviceable damage Cracks no longer than one panel were found (b) Axial cracks on the inner liner(Fig.606) 1) The conditions that follow are permitted: a) No maximum number of cracks that go across 1 panel or less

	
Outer Liner	No damage
Dome	No damage
Fuel Nozzles	No damage

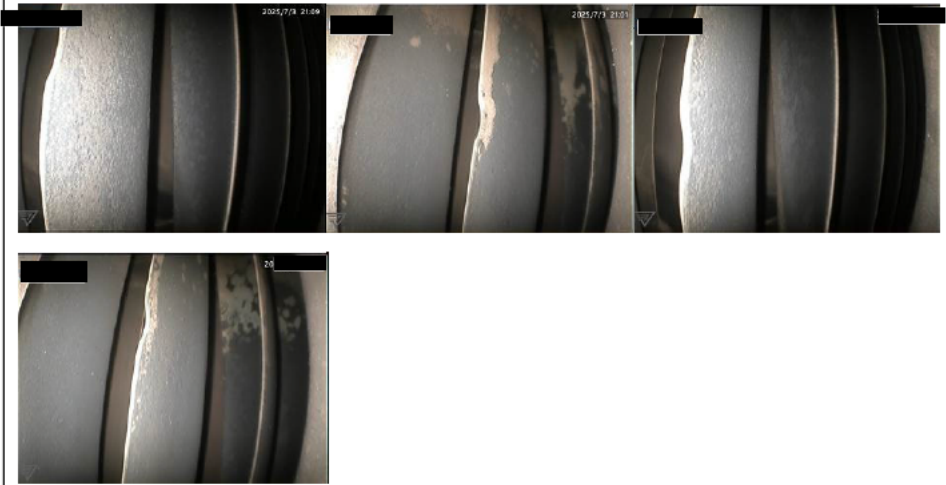
HPT Nozzle Vanes	
Stage 1	No damage

HPT Blade	
Stage 1	Serviceable damage (c) Examine the tip area of the blades b) There is no limit to the quantity of damage if the internal cooling passages are not seen 

HPT Shrouds	
HPT Shrouds	No damage

Low pressure Turbine Nozzle	
Stage 1	Serviceable Damage - Cracks no longer than 1/3 of the chord length were found on L/E - Cracks in the leading edge - No maximum limit to the quantity if they are less than 0.6 inch (15.2 mm) in length (1/3 of the chord length) on all the vanes of the same nozzle segment.  - Cracks no longer than 1/3 of the chord length were found on T/E - Cracks in the trailing edge - No maximum limit to the quantity if they are less than 0.6 inch (15.2 mm) in length (1/3 of the chord length) on all the vanes of the same nozzle segment.  - Burns with cracks were found on one nozzle set - There is no limit if there is no more than five (5) missing material areas (perforations) on the leading edge per set of nozzles with a maximum dimension for each area that is not more than 0.4 x 0.275 inch (10 x 7 mm).

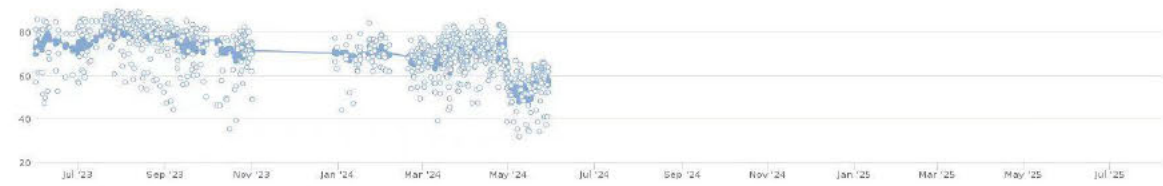


Low Pressure Turbine Blades	
Stage 1	Serviceable damage One dent was found in Area E T/E 1) Nicks or dents in Area E. a) Any amount of nicks or dents are permitted if they are less than 0.02 inch (0.50 mm) deep. 
Stage 2	Repair marks found 
Stage 3	No damage
Stage 4	No damage

Engine Health Monitoring



Oil Pressure (PSID)



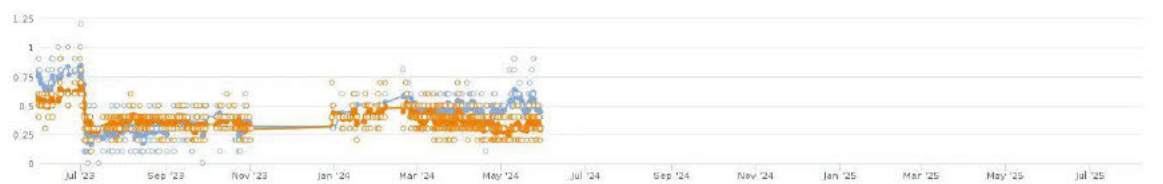
E6T Hot Day Margin (DEG_C)



Core Vibe Rear



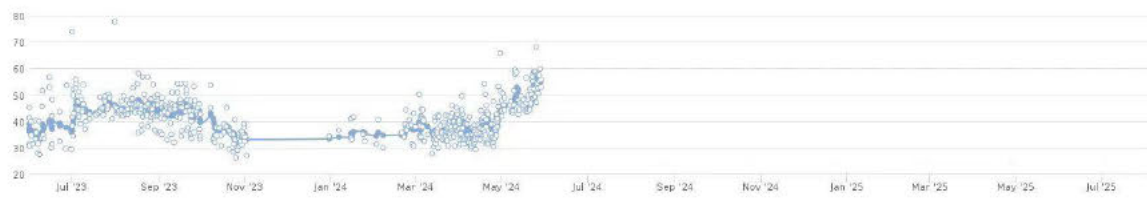
Oil Temperature (DEG_C)



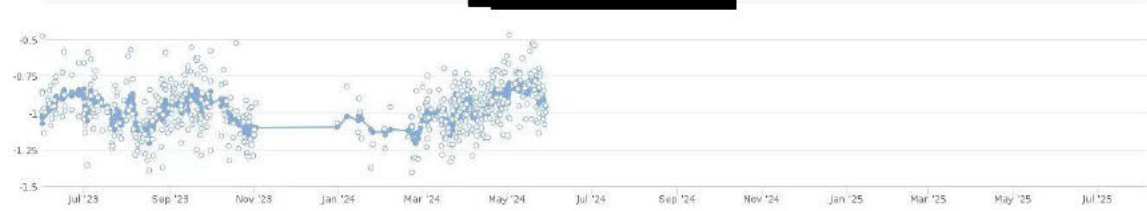
Fan Vibe Fwd



o Delta Fuel Flow (%) left axis



o Delta EGT (DEG_C) left axis



o Delta Core Speed (RPM) left axis

Engine Shop Visit Report

Work Order 398913

Shop Visit Summary

Engine Model: CFM56-3C-1

Engine S/N: [REDACTED]

TSN: 50,373

TSLSV: 13,255

CSN: 25,000

CSLSV: 6,348

SV Reason: Bearing Inspection / Partial Core Performance / LLP Replacement

Description of the work performed:

INCOMING INSPECTION FINDINGS TABLE:

CFM56-3C-1 / TSN 50373 / CSN 25000 / CUSTOMER: MTU / WO [REDACTED]									
	P/N	S/N	QTY	FINDINGS	PPBU	ESM	ASB	CSM	Action taken
BARE ENGINE									
Bracket	335-272-103-0		1	Missing		72-00-00 PD 8 ITEM 830			Replaced
Nipple "C" on MEC	9287904		1	Missing		72-00-00 PD 15 ITEM 350			Replaced
Fan blades	N.V.		4	Missing		72-21-01			See config list for SM21X
LPT Borenozzle Plug	305-381-303-0		1	Missing		72-64-00 PD 7 ITEM 06			Replaced
BRACKET, MANIFOLD	938M71004		1	BROKEN		72-09-04-300-00			Replaced
Harness Wiring				Not Complete - LOWER ROTARY WIRING HARNESS missing		72-00-00-31			See BARE engine acc list
9 Probe Thermocouple			3	Damaged		PC 72-32-00-01			See config list for SM22X
VSV Bushing STO			1	crack		72-23-00-30			See config list for SM22X
OVR Plastic Seal			1						See BARE engine acc list
Magnetic Chip Detector AOB 10B			1	Oil Leakage Found (Customer Tag)					See BARE engine acc list
Ignition Lead LH			1	Missing Ceramic Insulation			Task 74-21-00-200-801 C00 2.0 (7)(d)		See BARE engine acc list
Fan Blade #7			1	Local Deformation out of limit			72-21-02 2 F (1 X4343) page 381		See config list for SM21X
TCC Timer				Operational Test U/S (Customer Tag)					See BARE engine acc list
QEC									
Primary Exhaust Sleeve	314A1502-08		1	Local Deformation	Fig 11-1, Item 45				See BARE engine acc list
Seals(Extension Ring Assy)	333A1145-27		2	Damaged			78-31-33 PL Fig 1 Item 270		Replaced
Hydraulic Engn Driven Pump	923337		1	Damaged Seals out of limit			25-10-18 Fig 2 8 80		See BARE engine acc list
Rod End Bearing	P33310		1	Damaged (Bearing missing)	Fig 14-2, Item 25				Replaced
FIRE DETECTOR	472582		2	CEFRANC PART OF THE SENSING ELEMENT TERMINAL LUG - DAMAGED			26-11-85-CHECK 3.E.		See BARE engine acc list
GENERATOR HARNESS	6130200-1001		1	DAMAGED WIRE GENERATOR HARNESS	Fig 18-5, Item 45				See BARE engine acc list

WORK PERFORMED:

- Major modules removed and reinstalled per ESM 72-00-02/03.

FAN Major Module – MM 01X

- Fan MM partially disassembled per ESM 72-00-01 (SM 21X, 22X and 61X removed / reinstalled)
- SM 21X – Fully disassembled per ESM 72-00-21 and replaced with serviceable SM21X.
- SM 22X – Fully disassembled per ESM 72-00-22 and piece part inspected.
- SM 23X – Inspected as assembly. Accessed parts piece part inspected.
- SM 61X – Partially disassembled per ESM 72-00-61 due to access to No3 Brg. Parts inspected on SM or piece part level depending of exposure.

Fan and Booster – SM 21X

- SM 21X replaced with serviceable
- Rear Spinner Cone repaired per ESM 72-21-05 Rep19
- 10ea blade dampers replaced due to findings
- Fan Blades replaced with OHC
- For details, P/Ns and S/Ns of affected parts see: Engine Configuration list provided as part of Shop Visit Report.

Engine Shop Visit Report

Work Order 398913

No1 and No2 Bearing Support Module – SM 22X

- No1 and No2 Bearings inspected per ESM 72-09-01 and found serviceable
- FWD Stationary Air/Oil seal found damaged and replaced with OHC due to findings.
- FAN Shaft replaced with OHC per customer request.
- For details, P/Ns and S/Ns of affected parts see: Engine Configuration list provided as part of Shop Visit Report. AD 2002-13-03 applied on FAN Shaft before installation

Fan Frame – SM 23X

- No3 Brg Fwd Stationary seal repaired per ESM 72-23-19/R001 and R004
- No3 Brg Aft Stationary seal replaced with OHC due to findings.
- For details, P/Ns and S/Ns of affected parts see: Engine Configuration list provided as part of Shop Visit Report.

IGB – SM 61X

- No3 Brg replaced with NEW due to findings
- No3 Brg puller nut replaced with OHC due to findings
- No3 Brg puller ring repaired per ESM 72-61-07/Rep001
- No3 Brg locking nut repaired per ESM 72-61-05/Rep002
- For details, P/Ns and S/Ns of affected parts see: Engine Configuration list provided as part of Shop Visit Report.

Core Major Module – MM 02X

- Core MM removed and disassembled to Shop Modules per ESM 72-00-02.
- SM 31X Inspected on SM level. Rear Rotating CDP Air Seal replaced with OHC per ESN 72-00-31/SP04 per customer request
- SM 32X Inspected on modular level
- SM 33X Inspected on modular level
- SM 41X Disassembled due to access to Combustion Chamber and HPT Inner CDP seal
- SM 42X Replaced with OHC
- SM 51X Inspected on modular level
- SM 52X Debladed per ESM 72-52-00 with no LLP split. Inspected on modular level.
- SM 53X Partially disassembled per ESM 72-53-00 due to HPT Shrouds replacement. Inspected on modular level.

HPC Rotor – SM 31X

- 4ea HPC blades replaced per ESM 72-00-31/SP007
- Shaft Retaining Ring Replaced due to findings
- Rear Rotating CDP Air Seal replaced with OHC per ESN 72-00-31/SP04 per customer request
- 10ea HPC blades blend-repaired per ESM 72-00-31/Rep003
- Dynamic balancing performed
- For details, P/Ns and S/Ns of affected parts see: Engine Configuration list provided as part of Shop Visit Report. AD 2002-13-03 applied on CDP Seal before installation

Engine Shop Visit Report

Work Order 398913

HPC Forward Stator– SM 32X

- Seal Retainers Stg:1, 2 and 3 replaced with OHC due to findings per ESM 72-00-32 /Disassembly/Assembly
- For details, P/Ns and S/Ns of affected parts see: Engine Configuration list provided as part of Shop Visit Report.

HPC Rear Stator– SM 33X

- Module found serviceable
- For details, P/Ns and S/Ns of affected parts see: Engine Configuration list provided as part of Shop Visit Report.

Combustion Assy – SM 41X

- HPT Inner CDP Seal replaced
- For details, P/Ns and S/Ns of affected parts see: Engine Configuration list provided as part of Shop Visit Report.

Combustion Chamber Assy – SM 42X

- Replaced with OHC
- For details, P/Ns and S/Ns of affected parts see: Engine Configuration list provided as part of Shop Visit Report. CC post SB 72-919 installed

HPT Nozzles Assy – SM 51X

- 10ea Nozzle Segments found with OOL findings. Full set replaced with OHC per ESM 72-00-52/SP001 per customer request.
- Full set of Aft Stator Seals replaced with serviceable set provided by customer.
- Outer Stationary Seal replaced
- HPT Nozzle Aft Inner Support repaired per ESM 72-51-03/Rep001
- HPT Aft Outer Seal Support repaired per ESM 72-51-04/Rep005
- HPT External Pressure Seal replaced with NEW
- For details, P/Ns and S/Ns of affected parts see: Engine Configuration list provided as part of Shop Visit Report.

HPT Rotor Assembly – SM 52X

- HPT blades replaced with OHC
- For details, P/Ns and S/Ns of affected parts see: Engine Configuration list provided as part of Shop Visit Report

HPT Shroud / LPT Nozzle Stg1 – SM 53X

- All HPT Shroud segments replaced with OHC
- 20ea HPT Nozzles found with OOL findings. 20ea replaced per ESM 72-53-00
- Internal and External Pressure Seals replaced with NEW.
- All Outer and Inner Air Ducts replaced with new.
- For details, P/Ns and S/Ns of affected parts see: Engine Configuration list provided as part of Shop Visit Report. SB 72-0432, SB72-0715 applied

Engine Shop Visit Report

Work Order 398913

LPT Major Module – MM 03X

- LPT MM removed and disassembled to Shop Modules per ESM 72-00-03
- SM 54X Partially disassembled on bladed disks condition per ESM 72-54-00
- SM 55X disassembled on piece part level due to LPT Shaft replacement
- SM 56X inspected on modular level.

LPT Rotor/Stator – SM 54X

- All bladed disks replaced with customer provided bladed disks in SVC condition.
- LPT Conical Support replaced with OHC
- Rotating Air Seals replaced with SVC provided by customer
- All LPT Nozzle segments replaced with customer provided set in SVC/OH condition
- All Outer Seal Segments replaced with customer provided set in SVC/OH condition
- ALL Inner Stationary Seals replaced with OHC
- LPT Thermal Insulation kit replaced with new due to findings.
- AD 2002-13-03 applied on conical support before installation.
- For details, P/Ns and S/Ns of affected parts see: Engine Configuration list provided as part of Shop Visit Report.

LPT Shaft – SM 55X

- LPT Shaft replaced with OHC per customer request
- No.4 Brg replaced with post SB 72-975 due to findings
- No.5 Brg inspected per ESM 72-09-01 and found serviceable
- AD 2002-13-03 applied on LPT Shaft and LPT Stub Shaft before installation
- For details, P/Ns and S/Ns of affected parts see: Engine Configuration list provided as part of Shop Visit Report.

LPT Frame – SM 56X

- SM inspected on modular level per ESM 72-00-56 and found serviceable.
- For details, P/Ns and S/Ns of affected parts see: Engine Configuration list provided as part of Shop Visit Report.

TGB – SM 62X

- SM removed per ESM 72-00-62
- SM Partially disassembled per ESM 72-62-00 for bearings visual inspection.
- Input and Horizontal Gearshafts repaired per ESM 72-62-02/Rep005
- For details, P/Ns and S/Ns of affected parts see: Engine Configuration list provided as part of Shop Visit Report.

AGB – SM 63X

- SB 72-1129 (AD 2012-0209) applied
- SM partially disassembled per ESM 72-63-00. All pads removed due to visual inspection of all bearings.
- 47 Tooth gearshaft repaired per ESM 72-63-03/Rep003 due to findings.
- For details, P/Ns and S/Ns of affected parts see: Engine Configuration list provided as part of Shop Visit Report.

- SB 72-1028 applied

Engine Shop Visit Report

Work Order 398913

Engine Life Limited Parts:

Incoming status: [REDACTED] Report dated 13. December 2012.

Outgoing status: [REDACTED] dated 30. November 2015. [REDACTED]

AD Notes Status Summary:

Incoming status: [REDACTED] AD Note Compliance List for Engine [REDACTED] dated 13. December 2012.

Outgoing status: Status Summary for Engine [REDACTED] dated 30. November 2015. [REDACTED]

Engine Test:

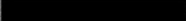
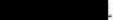
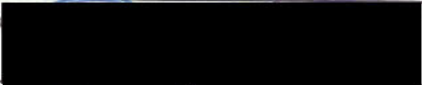
Engine tested to data plate power [REDACTED] and accepted. For details see performance summary.

All the work performed in accordance with [REDACTED] July, 2013, [REDACTED]
[REDACTED] Rev. 72, Dec, 15. 2014. and other approved data.

Date: 04. Dec, 2015

Prepared by: [REDACTED]

Approved by: [REDACTED]

1. Approving Competent Authority / Country European Aviation Safety Agency EASA		2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1			3. Form Tracking Number 	
4. Approved Organisation Name and Address: 					5. Work Order / Contract / Invoice 398913	
6. Item 1	7. Description ENGINE ASSY-TURBOFAN CFM56	8. Part Number CFM56-3C-1	9. Qty 1	10. Serial Number 	11. Status/Work Repaired	
12. Remarks Engine limited disassembly, inspection and reassembly performed i.a.w. CFM56-3 ESM (CFM-TP.SM.5) Rev. 72, dated December 15, 2014. Engine tested and accepted on November 30, 2015 i.a.w. ESM 72-00-00. For details see Shop Visit Report. For AD status see  dated November 30, 2015. Following LLPs replaced during shop visit Fan Disk, Booster Spool, Fan Shaft, CDP Seal, LPT Disks STG 1, 2, 3, 4, Conical support and LPT Shaft. Engine is Limited with following LLP: LPT Disk STG 4 with remaining 9076cycles @ CatA, Cat B and 8768 @ Cat C. For details see  Life Limited Parts Status dated November 30, 2015 For QEC and Bare Engine components see CFM56-3 Accessories Lists. Engine delivered with Deferred Item List  Engine TSN/CSN: 50373hrs/25000cyc Customer: 						
13a. Certifies that the items identified above were manufactured in conformity to: ☐ approved design data and are in condition for safe operation ☐ non-approved design data specified in block 12				14a. ☒ Part-145.A.50 Release 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 Part-145 and in respect to that work the items are considered ready for release to service.		
13b. Authorised Signature		13c. Approval / Authorisation Number		14b. Au 		14c. Certificate / Approval Ref. No. 
13d. Name		13e. Date (dd mmm yyyy)		14d. Name Zoran Božić		14e. Date (dd mmm yyyy) 04 DEC 2015

USER/INSTALLER RESPONSIBILITIES

This certificate does not automatically constitute authority to install the item(s).

Where the user/installer works in accordance with regulations of an airworthiness authority different then the airworthiness authority specified in block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block 1.

Statements in blocks 13a and 14a do not constitute installation certification. In all cases the aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.



1. Approving Civil Aviation Authority / Country: FAA/United States		2. AUTHORISED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: EMDB000083	
4. Organization Name and Address: [Redacted]				5. Work Order / Contract / Invoice Number: 398913	
6. Item: 1	7. Description: ENGINE ASSY-TURBOFAN CFM56	8. Part Number: CFM56-3C-1	9. Quantity: 1	10. Serial Number: 857591	11. Status/Work: Repaired
12. Remarks Engine limited disassembly, inspection and reassembly performed i.a.w. CFM56-3 ESM (CFM-TP-SM.5) Rev. 72, dated December 15, 2014. Engine tested and accepted on November 30, 2015 i.a.w. ESM 72-00-00. For details see Shop Visit Report. For AD status see [Redacted] status dated November 30, 2015. Following LLPs replaced during shop visit Fan Disk, Booster Spool, Fan Shaft, CDP Seal, LPT Disks STG 1, 2, 3, 4, Conical support and LPT Shaft. Engine is limited with following LLP: LPT Disk STG 4 with remaining 9076cycles @ CatA, Cat B and 8768 @ Cat C. For details see [Redacted] Life Limited Parts Status dated November 30, 2015 For List of Bare Engine components see CFM56-3 Accessories Lists. Engine delivered with Deferred Item List No: 00128 Engine TSN/CSN: 50373hrs/250000cyc Customer: [Redacted]					
13a. Certifies that the items identified above were manufactured in conformity to: ☐ approved design data and are in condition for safe operation ☐ non-approved design data specified in block 12					
13b. Authorized Signature:		13c. Approval / Authorization No:		14a. ☒ 14 CFR 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.	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14b. Author: [Redacted] 14c. Approval/Certificate No: [Redacted] 14d. Name (Typed or Printed): [Redacted] 14e. Date (dd/mm/yyyy): 24 DEC 2015	

User / Installer Responsibilities

It is important to understand that the existence of the document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer perform work in accordance with the national regulations of an airworthiness authority different then the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.

Item #	DESCRIPTION	P/N	SN	Description	REMARK
1	ANTI ICE PRESSURE SWITCH	215M41-52			
2	PRE-COOLER CONTROL VALVE	328952-5			
3	AC GENERATOR	976458-2		missing	
4	OVER TEMP SWITCH	17343-116-825F		missing	
5	TRANSMITTER ASSY - PWR LEVER ANGLE SYNCHRO	HS-140-3			
6	ACTUATOR,VSY LEFT HAND	1211175-011			
7	ACTUATOR,VSY RIGHT HAND	1211175-011			
8	ANTI ICE THERMAL VALVE	17265-7			
9	BLEED AIR REGULATOR	107492-3			
10	BLEED VALVE FUEL GEAR MOTOR	706400-4			
11	CSD	735511A		missing	
12	FUEL CONTROL BOX ASSEMBLY	315A1040-7			
13	FUEL FLOW TRANSMITTER	87J124ZGM1			
14	HIGH STAGE VALVE	3214445-4			
15	HYDRAULIC FWP	623337			
16	IGNITION EXCITER LOWER	10-631045-1K			
17	IGNITION EXCITER UPPER	10-631045-1K			
18	IGNITION LEAD ASSEMBLY LOWER	9043185-15			
19	IGNITION LEAD ASSEMBLY UPPER	9043185-16			
20	LOW OIL PRESS. WARNING SWITCH	215M04-211A		missing	
21	MAIN ENGINE CONTROL	6853-215			
22	OIL QUANTITY TRANSMITTER	20041-0000-03			
23	PRESSURE REGULATOR SHUT OFF VALVE	3214552-5		missing	
24	STARTER	3605715-6			
25	STARTER VALVE	309630-2			
26	CSD OIL COOLER	UAC38501-2			
27	AC ALTERNATOR ROTOR	9074M83P01			
28	AC ALTERNATOR STATOR	9074M82P03			
29	AFT MOUNT ASSEMBLY	310A1020-22			
30	ALT. VIBRATION TRANSDUCER ASSY.	NOT INSTALLED			
31	ALTERNATOR BULK LEAD ASSY.	320-112-801-5			
32	BALLSCREW ACTUATOR VBV				
33	BALLSCREW ACTUATOR VBV				
34	BALLSCREW ACTUATOR VBV				
35	BALLSCREW ACTUATOR VBV				
36	BALLSCREW ACTUATOR VBV				
37	BALLSCREW ACTUATOR VBV				
38	BALLSCREW ACTUATOR VBV				
39	BALLSCREW ACTUATOR VBV				
40	BALLSCREW ACTUATOR VBV				
41	BALLSCREW ACTUATOR VBV				
42	BALLSCREW ACTUATOR VBV				
43	BALLSCREW ACTUATOR VBV MASTER				
44	BLEED BIAS SENSOR	7062M1TG07			
45	BLEED CHECK VALVE	320222-1		missing	
46	CIT SENSOR	8901-274			
47	CYTORE, PARA. WIRING HARNESS	320-500-403-0			
48	CSD OIL COOLER				
49	CSD OIL TEMPERATURE SWITCH	975-0221-001			
50	EXHAUST NOZZLE ASSEMBLY	314A1502-38			
51	EXHAUST PUMP ASSEMBLY	314A1501-18			
52	FORWARD MOUNT LEFT HAND	310A1020-29			
53	FORWARD MOUNT RIGHT HAND	310A1020-30			
54	FORWARD MOUNT FITTING ASSY.				
55	FIRE DETECTOR,CORE	472582			
56	FIRE DETECTOR,FAN CASE APT	472584			
57	FIRE DETECTOR,FAN CASE PWD	472583			
58	FLEXIBLE SHAFT ASSEMBLY1	121762-2			
59	FLEXIBLE SHAFT ASSEMBLY2	121762-2			
60	FLEXIBLE SHAFT ASSEMBLY3	121762-2			
61	FLEXIBLE SHAFT ASSEMBLY4	121762-2			
62	FLEXIBLE SHAFT ASSEMBLY5	121762-2			
63	FLEXIBLE SHAFT ASSEMBLY6	121762-2			
64	FLEXIBLE SHAFT ASSEMBLY7	121762-2			
65	FLEXIBLE SHAFT ASSEMBLY8	121762-2			
66	FLEXIBLE SHAFT ASSEMBLY9	121762-2			
67	FLEXIBLE SHAFT ASSEMBLY10	121762-2			
68	FLEXIBLE SHAFT ASSEMBLY11	121762-2			
69	FLEXIBLE SHAFT MAIN	121762-1			
70	FUEL FILTER DIFF. PRESS. SWITCH	215M41-206A			
71	FUEL FILTER DOWNSTREAM	F40014D			
72	FUEL HEATER SERVO	45731-1251-1			
73	FUEL PUMP	708600-5			
74	GENERATOR				
75	HIGH STAGE REGULATOR	107484-5			
76	IGNITOR PLUG	CH319-00			
77	IGNITOR PLUG	CH319-00			
78	LUBRICATION UNIT	335-261-006-0			
79	NI SPEED SENSOR	320-094-001-0			
80	NO.1 BEARING VIBRATION SENSOR	301-777-001-0			
81	OIL FILTER DIFF. PRESSURE SWITCH	215M04-206A			
82	OIL FUEL HEAT EXCHANGER	69202-300-3			
83	OIL PRESSURE TRANSMITTER	418-20044			
84	OIL SCAVENGE FILTER ASSY.	Q406561			
85	OIL TANK	335-261-203-0			
86	OIL TEMPERATURE TRANSMITTER	56894			
87	POWER MGMT. CONTROL. ASSY.	7147M10G04			
88					
89	SOLENOID VALVE TIMER LOCKOUT	3264-100			
90	START BLEED VALVE	324495			
91	STOP MECHANISM	320255-2			
92	T12 TEMPERATURE SENSOR	1548Y			
93	T495 LH EGT. TC HARNESS LOWER	TC174-01			
94	T495 LOWER ELECTRICAL COUPLING	CA152-01			
95	T495 RH EGT. TC HARNESS LOWER	TC200-01			
96	T495 FORWARD ELECTRICAL COUPLING	CA150-00			
97	T495 LH EGT. TC HARNESS UPPER	TC174-01			
98	T495 UPPER ELECTRICAL COUPLING	CA151-00			
99	T495 EGT. TRIM BOX SHUNT	NOT INSTALLED			
100	T2 TEMPERATURE SENSOR	8901-326			
101	TCC TIMER	7119M1TG07			
102	THRUST LINK FITTING LEFT HAND	310A1036-2			
103	THRUST LINK FITTING RIGHT HAND	310A1036-1			
104	TBP VIBRATION SENSOR	307-779-602-0			
105	TURBINE CLEARANCE CONTROL VALVE	7061M3G105			
106	VBY FEEDBACK CABLE	580-268-041			
107	VSY FEEDBACK CABLE	580-265-054			
108	W1000 WIRE BUNDLE ASSY.	61-31502-496			
109	W1502 WIRE BUNDLE ASSY.	61-31502-514			
110	W1504 WIRE BUNDLE ASSY.	61-31504-507			
111	W1506 WIRE BUNDLE ASSY.	61-31506-545			
112	W1508 WIRE BUNDLE ASSY.	61-31508-XXX			
113	WINGAIR FITTING ASSY.	310A1028-7			
114	INLET CONJ. NOSE CONJ. ASSY				
115	TEMPERATURE SWITCH-S866				
116	CSD QAD KIT	689460A			
117	OIL C/W	335-260-005-0			
118	FUEL NOZZLE1	1317M1TG01			
119	FUEL NOZZLE2	1317M1TG01			
120	FUEL NOZZLE3	1317M1TG01			
121	FUEL NOZZLE4	1317M1TG01			
122	FUEL NOZZLE5	1317M1TG01			
123	FUEL NOZZLE6	1317M1TG01			
124	FUEL NOZZLE7	1317M1TG017			
125	FUEL NOZZLE8	1317M1TG017			
126	FUEL NOZZLE9	1317M1TG01			
127	FUEL NOZZLE10	1317M1TG01			
128	FUEL NOZZLE11	1317M1TG01			
129	FUEL NOZZLE12	1317M1TG01			
130	FUEL NOZZLE13	1317M1TG01			
131	FUEL NOZZLE14	1317M1TG017			
132	FUEL NOZZLE15	1317M1TG017			
133	FUEL NOZZLE16	1317M1TG01			
134	FUEL NOZZLE17	1317M1TG01			
135	FUEL NOZZLE18	1317M1TG01			
136	FUEL NOZZLE19	1317M1TG01			
137	FUEL NOZZLE20	1317M1TG01			
138	FUEL MANIFOLD-LH	9375M90G11			
139	FUEL MANIFOLD-RH	9375M90G12			
140	FUEL DRAIN MANIFOLD-LH	9388M15G07			
141	FUEL DRAIN MANIFOLD-RH	9388M15G08			
142	CSD OIL COOLING FILTER ASSY	7581418			
143	CSD thermal switch	975-0221-001			