CFM56-7B26
ESN 8 7
MINIPACK

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ENGINE SUMMARY

Engine Type:	CFM56-7B26
Engine Serial Number:	8 7
Time Since New:	70 566
Cycles Since New:	33 881
TSLSV:	1 791
CSLSV:	856
TSLPR:	28 960
CSLPR:	15 300

Engine Cycles Remaining – 4 700

LLP Limiter – (HPC, HPT)

EGT Margin: 22°C

2. Certificates

1. Approving Competent Authority / Country	2. **AUTHORISED RELEASE CERTIFICATE**	3. Form Tracking Number
Estonian Transport Administration / Estonia	**EASA FORM 1**	**R0012895**
4. Organization Name and Address: Magnetic Group Tel. +372 6401 119 Fax + 372 6401 116		5. Work Order/Contract/Invoice **PRJ160944**

6. Item	7. Description	8. Part No.	9. Qty	10. Serial No.	11. Status/Work
1	**ENGINE**	**CFM56-7B26**	**1**	**874227**	**REPAIRED**

12. Remarks

ENGINE REPAIRED IAW CFM 56-7B ENGINE SHOP MANUAL (CFMI-TP-SM.10), REVISION 63, DATED JUNE 15. 2022 AND BOEING AMM D633A101-GOT, REV NO.79 DATED 15.OCT.2022

-INSPECTED PER SPECIAL PROCEDURE 10, CHECK FOR OVERALL CONDITION
-PERFORMED MODULE 51 ASSEMBLY/DISSASMEBLY TO REPLACE 5ea. HPT NGV's
-PERFORMED MODULE 53 ASSEMBLY/DISSASEMBLY TO REPLACE 6ea. HPT SHROUD SEGMENTS
-PERFORMED FLANGE ASSY REPLACEMENT
-PERFORMED LPT SHAFT PLUG REPLACEMENT
-PERFORMED LH IGNITION LEAD REPLACEMENT
-PERFORMED ENGINE PRESERVATION UP TO 365 DAYS, FOR DETAILS SEE MAGNETIC ENGINES PRESERVATION TAG

-ENGINE DELIVERED UNTESTED, OPERATOR TO PERFORM TESTING PER APPLICABLE BOEING AMM

FOR LLP STATUS SEE AIREXPLORE LLP STATUS REPORT DATED 16.NOV.2022
FOR AD STATUS SEE AIREXPLORE AD/EAD STATEMENT DATED 16.NOV.2022

TSN: 68775:46
CSN: 33025

CUSTOMER: AIREXPLORE

13a. Certifiactes that the items identified above were manufactured in conformity to:	14a. ☒ Part-145.A.50 Release to Service ☐ Other regulation specified in block 12
☐ Approved design data and are in condition for safe operation ☐ Non-approved design data 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/Authorization Number	14b. Authorised Signature EE.145 .0102 . 634 / 14c. Certificate/Approval Ref. No. **EE.145.0102**
13d. Name / 13e. Date (dd mmm yyyy)	14d. Name **ILJA MANUSHA** / 14e. Date (dd mmm yyyy) **18 Jan 2023**

USER/INSTALLER RESPONSIBILITIES

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

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

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.

EASA From 1 - MF/CAO/145 Issue 3

3. LLP Status

Part Number	Description	Serial Number	Install Date	TSN	CSN	Position
CFM56-7B	ENGINE	8	30Mar2023	70566:46	33881	002
Aircraft Reg	Model	MSN	Manufactured	AC TSN	AC CSN	Last Flight
[redacted]	B737-800		10Jun1998	77600:46	34988	04Jan2024

Component	Part	Serial	Limit	Life	Interval	Life At Install	Life Since New	Life Remaining	%	Due Date
Accessories / Other										
SPOOL BOOSTER	340-000-816-0	DE831689	Discard	Date					35.17	
				Days (Calendar)		0	4641			
				Hours		0:00	28955:46			
				Landings		0	15297			
				7B22	23600	0	7556	8300		
				7B24	23600	0	1897	8300		
				7B26	23600	0	5847	8300		
FAN DISK	340-000-420-0	PA434249	Discard	Date					49	
				Days (Calendar)		0	4641			
				Hours		0:00	28955:46			
				Landings		0	15297			
				7B22	30000	0	7556	14700		
				7B24	30000	0	1897	14700		
				7B26	30000	0	5847	14700		
FAN SHAFT	335-006-414-0	DE690472	Discard	Date					49	
				Days (Calendar)		0	4641			
				Hours		0:00	28955:46			
				Landings		0	15297			
				7B22	30000	0	7556	14700		
				7B24	30000	0	1897	14700		
				7B26	30000	0	5847	14700		
HPC ROTOR FWD SHAFT	1386M56P03	GWN0M69R	Discard	Date					23.5	
				Days (Calendar)		0	4641			
				Hours		0:00	28955:46			
				Landings		0	15297			
				7B22	20000	0	7556	4700		
				7B24	20000	0	1897	4700		
				7B26	20000	0	5847	4700		
HPC SPOOL STG 1-2	1558M31G07	GWN0M5M2	Discard	Date					23.5	
				Days (Calendar)		0	4641			
				Hours		0:00	28955:46			
				Landings		0	15297			
				7B22	20000	0	7556	4700		
				7B24	20000	0	1897	4700		
				7B26	20000	0	5847	4700		

Component	Part	Serial	Limit	Life	Interval	Life At Install	Life Since New	Life Remaining	%	Due Date
HPC DISK STG 3	2116M23P01	XAER4538	Discard	Date					23.5	
				Days (Calendar)		0	4641			
				Hours		0:00	28955:46			
				Landings		0	15297			
				7B22	20000	0	7556	4700		
				7B24	20000	0	1897	4700		
				7B26	20000	0	5847	4700		
HPC SPOOL STG 4-9	2048M20G03	GWN0M477	Discard	Date					23.5	
				Days (Calendar)		0	4641			
				Hours		0:00	28955:46			
				Landings		0	15297			
				7B22	20000	0	7556	4700		
				7B24	20000	0	1897	4700		
				7B26	20000	0	5847	4700		
CPD REAR AIR SEAL	2116M25P01	GFF5F2LH	Discard	Date					23.5	
				Days (Calendar)		0	4641			
				Hours		0:00	28955:46			
				Landings		0	15297			
				7B22	20000	0	7556	4700		
				7B24	20000	0	1897	4700		
				7B26	20000	0	5847	4700		
HPT FRONT SHAFT	2048M21P03	FCV02290	Discard	Date					23.5	
				Days (Calendar)		0	4641			
				Hours		0:00	28955:46			
				Landings		0	15297			
				7B22	20000	0	7556	4700		
				7B24	20000	0	1897	4700		
				7B26	20000	0	5847	4700		
HPT FRONT AIR SEAL	2116M20P02	GWN0LHN4	Discard	Date					23.5	
				Days (Calendar)		0	4641			
				Hours		0:00	28955:46			
				Landings		0	15297			
				7B22	20000	0	7556	4700		
				7B24	20000	0	1897	4700		
				7B26	20000	0	5847	4700		
HPT ROTOR DISK	1498M43P07	GWN0M6PR	Discard	Date					23.5	
				Days (Calendar)		0	4641			
				Hours		0:00	28955:46			
				Landings		0	15297			
				7B22	20000	0	7556	4700		
				7B24	20000	0	1897	4700		
				7B26	20000	0	5847	4700		

Component	Part	Serial	Limit	Life	Interval	Life At Install	Life Since New	Life Remaining	%	Due Date
HPT REAR SHAFT	1864M90P04	TMT7N327	Discard	Date					23.5	
				Days (Calendar)		0	4641			
				Hours		0:00	28955:46			
				Landings		0	15297			
				7B22	20000	0	7556	4700		
				7B24	20000	0	1897	4700		
				7B26	20000	0	5847	4700		
LPT ROTOR DISK STG 1	336-001-804-0	PA111844	Discard	Date					38.8	
				Days (Calendar)		0	4641			
				Hours		0:00	28955:46			
				Landings		0	15297			
				7B22	25000	0	7556	9700		
				7B24	25000	0	1897	9700		
				7B26	25000	0	5847	9700		
LPT ROTOR DISK STG 2	336-001-909-0	DE662266	Discard	Date					38.8	
				Days (Calendar)		0	4641			
				Hours		0:00	28955:46			
				Landings		0	15297			
				7B22	25000	0	7556	9700		
				7B24	25000	0	1897	9700		
				7B26	25000	0	5847	9700		
LPT ROTOR DISK STG 3	336-002-006-0	PA442316	Discard	Date					38.8	
				Days (Calendar)		0	4641			
				Hours		0:00	28955:46			
				Landings		0	15297			
				7B22	25000	0	7556	9700		
				7B24	25000	0	1897	9700		
				7B26	25000	0	5847	9700		
LPT ROTOR DISK STG 4	336-002-105-0	PA437134	Discard	Date					38.8	
				Days (Calendar)		0	4641			
				Hours		0:00	28955:46			
				Landings		0	15297			
				7B22	25000	0	7556	9700		
				7B24	25000	0	1897	9700		
				7B26	25000	0	5847	9700		
LPT ROTOR SUPPORT	338-077-502-0	PA387033	Discard	Date					38.8	
				Days (Calendar)		0	4641			
				Hours		0:00	28955:46			
				Landings		0	15297			
				7B22	25000	0	7556	9700		
				7B24	25000	0	1897	9700		
				7B26	25000	0	5847	9700		

Component	Part	Serial	Limit	Life	Interval	Life At Install	Life Since New	Life Remaining	%	Due Date
SHAFT LPT	340-074-723-0	PA159428	Discard	Date					38.8	
				Days (Calendar)		0	4641			
				Hours		0:00	28955:46			
				Landings		0	15297			
				7B22	25000	0	7556	9700		
				7B24	25000	0	1897	9700		
				7B26	25000	0	5847	9700		

4. AD Status

Aircraft Reg	Model	MSN	Manufacture Date	Airframe TSN	Airframe CSN	Last Flight
[redacted]	B737-800	[redacted]	10Jun1998	77600:46	[redacted]	04Jan2024

Ref No(s)	Title	Eff Date	ATA	Comments
AD-1998-350-EASA	Engine Fuel & Control - Hydro-Mechanical Unit - Replacement.	02Sep1998	72	Part / Serial: CFM56-7B / 8 Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	CFM 56-7B series engines with Electronic control unit software part numbers 1853M78P11 or earlier approved version installed.			N/A BY N/A TO THE INSTALLED SOFTWARE P/N 2044M25P14.						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2000-12-01-FAA	PREVENT CRITICAL LIFE-LIMITED ROTATING ENGINE PART FAILURE		72	Supersedes: AD-99-08-16-FAA Part / Serial: CFM56-7B / 8 Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	PREVENT CRITICAL LIFE-LIMITED ROTATING ENGINE PART FAILURE			Superseded By: AD-2002-13-03-FAA On 01Aug2002						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2001-02-12-FAA	INCORRECTLY TORQUE FITTINGS AIR LEAKAGE PREVENT	14Feb2001	71	Part / Serial: CFM56-7B / 8 Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2001-02-12-FAA	INCORRECTLY TORQUE FITTINGS AIR LEAKAGE PREVENT	14Feb2001	71	Part / Serial: CFM56-7B / 8 Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	INCORRECTLY TORQUE FITTINGS AIR LEAKAGE PREVENT	EO75-8001	N	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3	06Dec2006			First	Completed	

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2001-057-EASA	Engine Air - PS3 Line Fittings - Inspection / Torque Check.	30Jan2001	72	Part / Serial: CFM56-7B / 8 Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	Perform once the following mandatory actions within 25 days after the effective date of this Airworthiness Directive: Check for and apply the correct tightening torque of the six (6) "PS3" line fittings that are identified Joint 1, Joint 2, Joint 3, Joint 4, Joint 5, Joint 6 in figure 1, as follows: (1) Ensure a torque of 140 inch. pounds of Joint 1 fitting. (2) Because of poor accessibility, check Joint 2 fitting for finger looseness first. If found loose, torque to a value of 285 inch. pounds. (3) Ensure a torque of 285 inch. pounds of Joint 3, Joint 5, and Joint 6 fittings. (4) Ensure a torque of 100 inch. pounds of Joint 4 cap. Service Bulletin CFM56-7B S/B 75-0005, and CFM56-7B "Standard Practice Manual", contain information about torquing the"PS3" line fittings.	ACCOMPLISHED BY EO 75-8001.	N	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3	05Dec2006			First	Completed	

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2001-11-05-FAA	NUMBER 4 BEARING FAILURES (EQUIVALENT TO EASA AD 2001-240).	11Jun2001	72	Mandates: SB-72-0328-CFM SB-72-0329-CFM Supersedes: AD-2001-207-EASA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	NUMBER 4 BEARING FAILURES (Applicable to Roller Bearing with P/N 305-355-717-0)			N/A BY AFFECTED PART NUMBER NOT INSTALLED						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2001-207-EASA	NO 4 BEARINGS SKF P/N 305-355-717-0 WITH AN INADEQUATE HEAT TREATMENT.	30May2001	72	Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	Aft Sump Magnetic Chip Detector Inspection / Number 4 Bearing Replacement.			Superseded By: AD-2001-11-05-FAA On 11Jun2001						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2002-13-03-FAA	REVISION OF AIRWORTHINES LIMITATIONS SECTIONS OF THE ESM (Equivalent to EASA 2002-390 and supersedes 2000-294).	01Aug2002	72	Supersedes: AD-2000-12-01-FAA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2002-13-03-FAA	REVISION OF AIRWORTHINES LIMITATIONS SECTIONS OF THE ESM (Equivalent to EASA 2002-390 and supersedes 2000-294).	01Aug2002	72	Supersedes: AD-2000-12-01-FAA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
A	Revise the Airworthiness Limitations Section (chapter 05-00-00) of Engine Shop Manual (ESM) CFMI-TP.SM.4, for CFM56-2 series engines, ESM CFMI-TP.SM.6, for CFM56-2A/-2B series engines, ESM CFMI-TP.SM.5, for CFM56-3/-3B/-3C series engines, ESM CFMI-TP.SM.7 for CFM56-5 series engines, ESM CFMI-TP.SM.9 for CFM56-5B series engines, ESM CFMI-TP.SM.8 for CFM56-5C series engines, and ESM CFMI-TP.SM.10 for CFM56-7B series engines	Brand new part installed during Shop Visit at Lufthansa	Y	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3	19Aug2010 41611:00 18584			First		

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2002-16-18-FAA	STAGE 2 AND STAGE 3 LPT NOZZLE SEGMENT RETIREMENT	18Sep2002	72	Equivalent To: AD-2002-470-EASA Mandates: SB-72-0241-CFM Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
A	STAGE 2 AND STAGE 3 LPT NOZZLE SEGMENT RETIREMENT	Performed during Shop Visit at Lufthansa	N	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3	03Aug2010 41611:00 18584			First	Completed	

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2002-470-EASA	Second and Third Stage Low Pressure (LP) Turbine Nozzle Segments.	28Sep2002	72	Equivalent To: AD-2002-16-18-FAA Mandates: SB-72-0241-CFM Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

	Paragraph	Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	The installation of stage 2 LP turbine nozzle segments references 338-109-104-0, 338-109-105-0, 338-109-106-0, 338-109-204-0, 338-109-205-0, 338-109-206-0, 338-109-304-0, 338-109-305-0, 338-109-306-0 and of stage 3 LP turbine nozzle segments references 338-109-702-0, 338-109-802-0 is forbidden.	PERFORMED DURING S/V AT LUFTHANSA.	N	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3	03Aug2010			First	Completed	

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2003-03-01-FAA	POWER PLANT - AFT ENGINE MOUNT, CENTER LINK ASSEMBLY INSTALLATION INSP		71	Mandates: SB-737-71A1462 R1-BOEING Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

	Paragraph	Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	Aft Engine Mount Center Link Assembly Inspection To Verify Correct Installation			Superseded By: AD-2011-18-10-FAA On 07Nov2011						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2006-26-01-FAA	REPLACE FUEL FILTERS WESTERN FILTER PN WF337661 OR WF337017 AND PTI TECHNOLOGIES P/N 7575983-101	03Jan2007	72	Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

	Paragraph	Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	REPLACE FUEL FILTERS WESTERN FILTER PN WF337661 OR WF337017 AND PTI TECHNOLOGIES P/N 7575983-101	PERFORMED DURING SHV (ENGINE REPAIR) AT GATES	N	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3	19Feb2020 63281:00 31162			First	Completed	

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2008-03-09-FAA	LOW PRESSURE TURBINE REAR FRAME LIFE REDUCTION (EQUIVALENT TO EASA AD 2007-0104).	10Mar2008	72	Mandates: SB-72-0579-CFM Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

	Paragraph	Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
F	MANDATORY INSPECTION INTERVAL FOR TURBINE REAR FRAME P/N 340-166-205/206/207/ 208/209/210-0			N/A BY AFFECTED LPT REAR FRAME IS NOT INSTALLED.						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2009-0009-EASA	Time Limits - Low Pressure Turbine Rear Frame - Life Limit / Mandatory Inspection		72	Equivalent To: AD-2010-01-05-FAA Mandates: SB-72-0558-CFM SB-72-0579-CFM Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

	Paragraph	Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
1	CFM International CFM56-7B turbofan engines equipped with a low pressure turbine (LPT) rear frame part number (P/N) 340-166-254-0, 340-166-255-0, 340-166-256-0, 340-166-257-0, 340-166-258-0, 340-166-259-0, 340-177-551-0, 340-177-552-0, 340-177-553-0, 340-177-554-0, 340-177-555-0, 340-177-556-0.			N/A BY AFFECTED LPT REAR FRAME IS NOT INSTALLED. INSTALLED P/N 340-166-211-0						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2009-0270-EASA	Engine - LPT Rotor / Stator Assembly - Replacement	31Dec2009	72	Mandates: SB-72-0743-CFM Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	Engine - LPT Rotor / Stator Assembly - Replacement CFM56-7B engines, if equipped with stage 3 LPT disks 336-002-006-0.			N/A BY AFFECTED STAGE 3 LPT DISKS ARE NOT INSTALLED.						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2009-11-02-FAA	HPC 4-9 SPOOLS THAT PROPULSION TECHNOLOGY LLC (PTLLC) IMPROPERLY REPAIRED	23Jun2009	72	Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
F	HPC 4-9 SPOOLS THAT PROPULSION TECHNOLOGY LLC (PTLLC) IMPROPERLY REPAIRED / SERIAL NUMBERS LISTED IN AD			N/A BY AFFECTED SPOOLS ARE NOT INSTALLED.						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2010-01-05-FAA	LOW PRESSURE TURBINE REAR FRAME LIFE LIMIT / MANDATORY INSPECTION OF CERTAIN PART NUMBERS	18Feb2010	72	Equivalent To: AD-2009-0009-EASA Mandates: SB-72-0558-CFM SB-72-0579-CFM Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
F	Initial And Repetitive Eddy Current Inspections (ECIs) Of Part Number (P/N) Low-Pressure (LP) Turbine Rear Frames: 340-166-254-0; 340-166-255-0; 340-166-256-0; 340-166-257-0; 340-166-258-0; 340-166-259-0;340-177-551-0; 340-177-552-0; 340-177-553-0; 340-177-554-0; 340-177-555-0; or 340-177-556-0.			N/A BY AFFECTED LPT REAR FRAME IS NOT INSTALLED.						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2010-13-09-FAA	STAGE 3 LOW-PRESSURE TURBINE (LPT) DISKS OF CERTAIN SERIAL NUMBERS	26Jul2010	72	Mandates: SB-72-0743-CFM Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	STAGE 3 LOW-PRESSURE TURBINE (LPT) DISKS OF CERTAIN SERIAL NUMBERS LISTED IN AD			N/A BY AFFECTED STAGE 3 LPT DISKS ARE NOT INSTALLED.						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2011-18-10-FAA	Aft Engine Mount Center Link Assembly Inspection	07Nov2011	71	Mandates: SB-737-71A1462 R3-BOEING Supersedes: AD-2003-03-01-FAA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
H	Visual inspection to determine if the center link assembly of the aft engine mount is installed correctly, in accordance with the Accomplishment Instructions of Boeing Alert Service Bulletin 737-71A1462, Revision 1		Y	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3				First		

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2011-18-10-FAA	Aft Engine Mount Center Link Assembly Inspection	07Nov2011	71	Mandates: SB-737-71A1462 R3-BOEING Supersedes: AD-2003-03-01-FAA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph	Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
	WC-AD-2011-18-10-H Aft Engine Mount Center Link	Y	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3				First		

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2012-0209-EASA	Engine - Accessory Gearbox (AGB) Hand-Cranking Pad - Modification	22Oct2012	72	Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	For CFM56-7B engines to which this AD applies, not later than during the first qualifying engine shop-visit beginning after the effective date of this AD, replace the AGB with an AGB P/N 340-046-508-0 or P/N 340-046-509-0 in accordance with the instructions of CFM56-7B S/B 72-0564 or CFM56-7B S/B 72-0879.			Superseded By: AD-2020-0261R1-EASA On 11Dec2020 AD-2020-0261-EASA On 11Dec2020					

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2013-26-01-FAA	Inspection of the AGB Handcranking Pad Cover	03Feb2014	72	Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
F	(1)Perform an Independent Inspection to verify re-installation of the AGB handcranking pad cover after any maintenance that involves the removal and re-installation of the AGB handcranking cover, or (2) Insert an Independent Inspection as a required inspection item in the approved continuous airworthiness maintenance program for the aircraft			Replaced By: AD-2022-02-03-FAA On 22Mar2022						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2014-0130-EASA	Time Limits - Engine Stationary Parts - Life Limits / Mandatory Inspections	03Jun2014	72	Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	Identify each life limited stationary part installed on an engine which was previously operated in different engine model configuration. A review of engine maintenance records is acceptable to make these identifications, provided that the operational history of each life limited engine stationary part can be conclusively determined from that review.	WC-AD-2014-0130 ENGINE STATIONARY PARTS	N	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3 Works Order	03Jun2015 6084 53513:25 27518 0 7556 1290 91 0 001757		E/D+365	First	Completed	

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2014-0261-EASA	Engine Fuel & Control - Engine Electronic Control - Software Update	18Dec2014	72	Equivalent To: AD-2015-04-02-FAA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
1	Modify the engine by installing software standard 7.B.W in the EEC, in accordance with the instructions of CFM56-7B SB 73-0203 or CFM56-7B SB 73-0204, as applicable or replace the EEC with a unit that contains software standard 7.B.W.	WO 01638	N	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3	26Mar2015		17Jun2015	First	Completed	

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2015-0133-EASA	Engine - Accessory Gearbox Gearshaft - Inspection / Replacement	22Jul2015	72	Equivalent To: AD-2015-18-04-FAA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
1	(1) Determine whether an affected 41-tooth AGB gearshaft P/N 335-303-002-0 (intermediate line 7) or 73-tooth AGB gearshaft P/N 335-302-902-0 (fuel pump line 6) is installed on the engine. (2) For an engine with an affected AGB gearshaft installed, as determined by paragraph (1) of this AD, initially within the compliance time specified in Table 1 of this AD.			N/A BY Acc Appendix 1 of this AD affected P/N not installed.						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2015-04-02-FAA	Engine Fuel & Control - Engine Electronic Control - Software Update	31Mar2015	73	Equivalent To: AD-2014-0261-EASA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2015-04-02-FAA	Engine Fuel & Control - Engine Electronic Control - Software Update	31Mar2015	73	Equivalent To: AD-2014-0261-EASA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
E	Modify the engine by installing software standard 7.B.W in the EEC, in accordance with the instructions of CFM56-7B SB 73-0203 or CFM56-7B SB 73-0204, as applicable or replace the EEC with a unit that contains software standard 7.B.W.	WO 01638	N	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3	26Mar2015		E/D+180	First	Completed	

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2015-18-04-FAA	CFM International S.A. (CFM) CFM56-7B and CFM56-3 engines with a 73-tooth or 41-tooth gearshaft installed in the accessory gearbox (AGB)	20Oct2015	72	Equivalent To: AD-2015-0133-EASA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
E1	Initial AGB/Transfer Gearbox (TGB)/Magnetic Chip Detector (MCD) Inspection and Analysis			N/A BY AFFTECTED AGB & GEARBOX NOT INSTALLED						
E2	Repetitive AGB/TGB MCD Inspection and Analysis			N/A BY AFFTECTED AGB & GEARBOX NOT INSTALLED						
F	Mandatory Terminating Action (1) Remove the affected 73-tooth gearshaft prior to the gearshaft accumulating 6,000 FHs since new or within 50 FHs after the effective date of this AD, whichever comes later. (2) Remove the affected 41-tooth gearshaft prior to the gearshaft accumulating 9,000 FHs since new or within 50 FHs after the effective date of this AD, whichever comes later.			N/A BY AFFTECTED AGB & GEARBOX NOT INSTALLED						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2018-0071-EASA	CFM INTERNATIONAL S.A.CFM56-7B engines - Fan Blades - Inspection	02Apr2018	72	Part / Serial: **CFM56-7B / 8.** [illegible] Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	Accomplish an ultrasonic inspection of each affected fan blade in accordance with the instructions of the CFM56-7B SB No. 72-1024.			Superseded By: EAD-2018-0093-E-EASA On 20Apr2018						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2018-0109-EASA	ATA 72 - Engine - Fan Blades - Inspection	18May2018	72	Supersedes: EAD-2018-0093-E-EASA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	Accomplish an ultrasonic inspection of each affected fan blade in accordance with the instructions of the CFM56-7B Service Bulletin (S/B) 72-1033.			Superseded By: AD-2018-0211-EASA On 05Oct2018						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2018-0211-EASA	Engine - Fan Blades - Inspection	05Oct2018	72	Supersedes: AD-2018-0109-EASA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	Accomplish an ultrasonic inspection of each affected fan blade in accordance with the instructions of the CFM56-7B Service Bulletin (S/B) 72-1033.			Superseded By: AD-2019-0018-EASA On 13Feb2019						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2018-09-10-FAA	CFM International S.A. (CFM) CFM56-7B Engine Models. Turbine Engine Compressor Section.	14May2018	72-30	Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	Accomplish an ultrasonic inspection of each affected fan blade in accordance with the instructions of the CFM56-7B Service Bulletin (S/B) 72-1033.			Superseded By: AD-2018-10-11-FAA On 01Jun2018						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2018-09-51-FAA	Ultrasonic inspection for cracks of the fan blade dovetail.	20Apr2018	72	Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
G	Within 20 days after receipt of this AD, perform a one-time ultrasonic inspection (USI) of all 24 fan blade dovetail concave and convex sides to detect cracking. Use the Accomplishment Instructions, paragraphs 3.A.(3)(a) through (i), of CFM SB CFM56-7B S/B 72-1033, dated April 20, 2018, to perform the inspection required by paragraph (g)(1) of this AD.			N/A BY ENGINE HAD ACCUMULATED LESS THAN 30 000 CSN AS OF AD ISSUE DATE						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2018-10-11-FAA	CFM International S.A. (CFM) CFM56-7B Engine Models. Turbine Engine Compressor Section.	01Jun2018	72	Supersedes: AD-2018-09-10-FAA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
G1	Perform an ultrasonic inspection (USI) or eddy current inspection (ECI) of the concave and convex sides of the fan blade dovetail iaw CFM Service Bulletin (SB) CFM56-7B S/B 72-1033, Revision 01, dated May 9, 2018.			Superseded By: AD-2018-18-01-FAA On 16Oct2018						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2018-18-01-FAA	Engine - Fan Blades - Inspection	16Oct2018	72	Supersedes: AD-2018-10-11-FAA Part / Serial: **CFM56-7B /** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	Accomplish an ultrasonic inspection of each affected fan blade in accordance with the instructions of the CFM56-7B Service Bulletin (S/B) 72-1033 R2.			Superseded By: AD-2018-26-01-FAA On 10Jan2019						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2018-26-01-FAA	Engine - Fan Blades - Inspection	10Jan2019	72-30	Equivalent To: AD-2019-0018-EASA Mandates: SB-72-1033-CFM Supersedes: AD-2018-18-01-FAA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
G	Perform an ultrasonic inspection (USI) or eddy current inspection (ECI) of the concave and convex sides of the fan blade dovetail iaw SB CFM56-7B S/B 72-1033 Rev3.	W-AD-2019-0018 FAN BLADES ULTRASONIC INSP	N	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3 Works Order	29Feb2020 7816 63281:45 31162 0 7556 1897 3128 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 005035	05Dec2018	Eff+1600	First	Completed	

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2018-26-01-FAA	Engine - Fan Blades - Inspection	10Jan2019	72-30	Equivalent To: AD-2019-0018-EASA Mandates: SB-72-1033-CFM Supersedes: AD-2018-18-01-FAA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
		W-AD-2019-0018 FAN BLADES ULTRASONIC INSP	Y	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3 Works Order	27Oct2023 8908 70408:11 33734 0 7556 1897 5700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 009970		1600	First	31Oct2024 35334	1453

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2018-26-01-FAA	Engine - Fan Blades - Inspection	10Jan2019	72-30	Equivalent To: AD-2019-0018-EASA Mandates: SB-72-1033-CFM Supersedes: AD-2018-18-01-FAA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
H	Installation Prohibition: Do not install any replacement fan blade unless it meets one of the following criteria: (1) The replacement fan blade has fewer than 17,000 CSN, or; (2) The replacement fan blade has been inspected, per paragraph (g)(1) of this AD, within the last 1,600 cycles before installation.		Y	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3				First		

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2019-0018-EASA	ATA 72 - Engine - Fan Blades - Inspection	13Feb2019	72	Equivalent To: AD-2018-26-01-FAA Mandates: SB-72-1033-CFM Supersedes: AD-2018-0211-EASA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
1	Accomplish an ultrasonic inspection of each affected fan blade in accordance with the instructions of the CFM56-7B Service Bulletin (S/B) 72-1033.	W-AD-2019-0018 FAN BLADES ULTRASONIC INSP	N	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3 Works Order	29Feb2020 7816 63281:45 31162 0 7556 1897 3128 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 005035	05Dec2018	Eff+1600	First	Completed	

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2019-0018-EASA	ATA 72 - Engine - Fan Blades - Inspection	13Feb2019	72	Equivalent To: AD-2018-26-01-FAA Mandates: SB-72-1033-CFM Supersedes: AD-2018-0211-EASA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph	Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
	W-AD-2019-0018 FAN BLADES ULTRASONIC INSP	Y	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3 Works Order	27Oct2023 8908 70408:11 33734 0 7556 1897 5700 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 009970		1600	First	31Oct2024 35334	1453

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2019-0018-EASA	ATA 72 - Engine - Fan Blades - Inspection	13Feb2019	72	Equivalent To: AD-2018-26-01-FAA Mandates: SB-72-1033-CFM Supersedes: AD-2018-0211-EASA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
7	Part installation: (7) From the effective date of this AD, it is allowed to install (see Note 2 of this AD) an affected fan blade on an engine, provided it is a serviceable fan blade, as defined in this AD.		Y	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3				First		

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2019-0146-EASA	ATA 72 - Engine - Rotating Air High Pressure Turbine Front Seal - Replacement	28Jun2019	72-50	Equivalent To: AD-2019-12-05-FAA AD-2021-16-08-FAA Part / Serial: **2116M20P02 / GWN0LHN4** Pos / Zone: 001 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
1	Replace the affected part with a serviceable part in accordance with the instructions of the applicable S/B.			Superseded By: AD-2019-0150-EASA On 05Jul2019						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2019-0150-EASA	ATA 72 - Engine - Rotating Air High Pressure Turbine Front Seal - Replacement	05Jul2019	72-50	Equivalent To: AD-2019-12-05-FAA AD-2021-16-08-FAA Supersedes: AD-2019-0146-EASA Part / Serial: **2116M20P02 / GWN0LHN4** Pos / Zone: 001 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
1	Replace the affected part with a serviceable part, as defined in this AD, iaw the instructions of the applicable S/B 72-1042. Rotating air HPT front seals, having P/N 1795M36P01 or P/N 1795M36P02, and having a S/N as identified in Appx 1 (P/N 1795M36P01) or Appendix 2 (P/N 1795M36P02).			Superseded By: AD-2020-0007-EASA On 29Jan2020						
5	From the eff. date of this AD, do not install (see Note 1 of this AD) an affected part on any engine, unless it is a serviceable part, as defined in this AD.			Superseded By: AD-2020-0007-EASA On 29Jan2020						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2019-12-05-FAA	Engine - Turbine Section - Rotating Air High Pressure Turbine Front Seal - Replacement	05Jul2019	72-50	Equivalent To: AD-2019-0146-EASA AD-2019-0150-EASA AD-2020-0007-EASA Part / Serial: **2116M20P02 / GWN0LHN4** Pos / Zone: 001 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
G1	Replace of the affected rotating air HPT front seal with a part eligible for installation.			Replaced By: AD-2021-16-08-FAA On 28Sep2021						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2020-0007-EASA	ATA 72 - Engine - Rotating Air High Pressure Turbine Front Seal - Replacement	29Jan2020	72	Equivalent To: AD-2019-12-05-FAA AD-2021-16-08-FAA Supersedes: AD-2019-0150-EASA Part / Serial: **2116M20P02 / GWN0LHN4** Pos / Zone: 001 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
1	For Group 1 engines: Within the compliance time as defined in Table 1 of this AD, as applicable,but without exceeding the applicable life limit as specified in Chapter 05 of the applicable Engine Shop Manual, replace the affected part with a serviceable part, as defined in this AD, in accordance with the instructions of the applicable S/B.			N/A BY COMPONENT NOT IDENTIFIED IN APPENDIX 2 OF THIS AD.						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2020-0007-EASA	ATA 72 - Engine - Rotating Air High Pressure Turbine Front Seal - Replacement	29Jan2020	72	Equivalent To: AD-2019-12-05-FAA AD-2021-16-08-FAA Supersedes: AD-2019-0150-EASA Part / Serial: **2116M20P02 / GWN0LHN4** Pos / Zone: 001 / 420

	Paragraph	Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
5	For Group 1 and Group 2 engines: From 05 July 2019 [the effective date of EASA AD 2019-0150], do not install (see Note 1 of this AD) an affected part on any engine.		Y	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3				First		

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2020-0044-EASA	Engine - High-Pressure Turbine Inner Stationary Seal - Inspection		72	Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

	Paragraph	Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	During the next engine shop visit after the effective date of this AD, inspect the affected seal in accordance with the instructions of the applicable SB.		N	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3			38581	First	17Oct2027 38581	4700

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2020-0261-EASA Revision: 1 / 07Jun2022	ATA 72 - Engine - Accessory Gearbox - Modification	11Dec2020	72	Supersedes: AD-2012-0209-EASA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

	Paragraph	Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
2	For Group 1 CFM56-7B engines: Not later than during the first qualifying engine shop-visit beginning after 22 October 2012 [the effective date of EASA AD 2012-0209], and in any case not later than 31 December 2024, replace each affected AGB with a serviceable AGB in accordance with the instructions of the applicable S/B.			Superseded By: AD-2020-0261R1-EASA On 11Dec2020						
3	Modification and reidentification of an affected AGB into a serviceable AGB, in accordance with applicable CFMI instructions, is an acceptable mean to comply with the requirements of paragraph (1) or (2) of this AD, as applicable, for that AGB.			Superseded By: AD-2020-0261R1-EASA On 11Dec2020						
4	For Group 1 engines: From 22 October 2012 [the effective date of EASA AD 2012-0209] and until the engine is modified as required by paragraph (1) or (2) of this AD, as applicable, any maintenance task which involves the removal and re-installation of the AGB hand-cranking cover must be classified "flight safety sensitive maintenance" and an independent inspection of the correct installation of the hand-cranking cover must be carried out, prior to release to service of the aeroplane or the engine, as applicable.			Superseded By: AD-2020-0261R1-EASA On 11Dec2020						
5	Do not install an affected AGB on any engine as required by paragraph (5.1) and (5.2) of this AD			Superseded By: AD-2020-0261R1-EASA On 11Dec2020						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2020-0261R1-EASA Revision: 1 / 07Jun2022	ATA 72 - Engine - Accessory Gearbox - Modification	11Dec2020	72	Supersedes: AD-2012-0209-EASA AD-2020-0261-EASA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

	Paragraph	Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
2	For Group 1 CFM56-7B engines: Not later than during the first qualifying engine shop-visit beginning after 22 October 2012 [the effective date of EASA AD 2012-0209], and in any case not later than 31 December 2024, replace each affected AGB with a serviceable AGB in accordance with the instructions of the applicable S/B.			N/A BY AFFECTED AGB P/N NOT INSTALLED						
3	Modification and reidentification of an affected AGB into a serviceable AGB, in accordance with applicable CFMI instructions, is an acceptable mean to comply with the requirements of paragraph (1) or (2) of this AD, as applicable, for that AGB.			N/A BY AFFECTED AGB P/N NOT INSTALLED						
4	For Group 1 engines: From 22 October 2012 [the effective date of EASA AD 2012-0209] and until the engine is modified as required by paragraph (1) or (2) of this AD, as applicable, any maintenance task which involves the removal and re-installation of the AGB hand-cranking cover must be classified "flight safety sensitive maintenance" and an independent inspection of the correct installation of the hand-cranking cover must be carried out, prior to release to service of the aeroplane or the engine, as applicable.			N/A BY AFFECTED AGB P/N NOT INSTALLED						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2020-0261R1-EASA Revision: 1 / 07Jun2022	ATA 72 - Engine - Accessory Gearbox - Modification	11Dec2020	72	Supersedes: AD-2012-0209-EASA AD-2020-0261-EASA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

	Paragraph	Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
5	Do not install an affected AGB on any engine as required by paragraph (5.1) and (5.2) of this AD		Y	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3				First		

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2020-16-51-FAA	Inspection of the engine bleed air 5th stage check valves	26Aug2020	36	Equivalent To: EAD-2020-16-51-FAA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

	Paragraph	Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
H	Perform inspection of the engine bleed air 5th stage check valves according para H (1) & (2).	W-2020-16-51 5th Stg Bleed Air Valve Insp	Y	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3 Works Order	21Jan2022 8467 66166:13 32272 0 7556 1897 4238 007032			First		

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2021-10-09-FAA	Engine - High-Pressure Turbine Inner Stationary Seal - Inspection	24Jun2021	72	Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
G	At the next engine shop visit after the effective date of this AD, remove the affected HPT inner stationary seal and replace with a HPT inner stationary seal iaw CFM56-7B S/B 72-1054 Rev 1.			Replaced By: AD-2023-05-05-FAA On 10May2023						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2021-16-08-FAA	Engine - Turbine Section - Rotating Air High Pressure Turbine Front Seal - Replacement	28Sep2021	72-50	Equivalent To: AD-2019-0146-EASA AD-2019-0150-EASA AD-2020-0007-EASA Replaces: AD-2019-12-05-FAA Part / Serial: **2116M20P02 / GWN0LHN4** Pos / Zone: 001 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
G1	Replace of the affected rotating air HPT front seal with a part eligible for installation.			N/A BY P/N NOT AFFECTED.						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2022-02-03-FAA	JOINT AIRCRAFT SYSTEM COMPONENT (JASC) CODE 7260, TURBINE ENGINE ACCESSORY DRIVE	22Mar2022	72	Replaces: AD-2013-26-01-FAA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2022-02-03-FAA	JOINT AIRCRAFT SYSTEM COMPONENT (JASC) CODE 7260, TURBINE ENGINE ACCESSORY DRIVE	22Mar2022	72	Replaces: AD-2013-26-01-FAA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
G	(1) After the effective date of this AD, after any maintenance that involves removal and re-installation of the AGB handcranking pad cover, perform an independent inspection to verify re-installation of the AGB handcranking pad cover; or (2) Prior to the next removal of the AGB handcranking pad cover from the engine, insert the independent inspection required by paragraph (g)(1) of this AD as a required inspection item in the existing approved continuous airworthiness maintenance program for the aircraft.		Y	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3				First		

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2022-02-03-FAA	JOINT AIRCRAFT SYSTEM COMPONENT (JASC) CODE 7260, TURBINE ENGINE ACCESSORY DRIVE	22Mar2022	72	Replaces: AD-2013-26-01-FAA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
H	For affected CFM56-7B model turbofan engines, except for CFM56-7B27A, CFM56-7B27A/3 and CFM56-7B27AE model turbofan engines, at the next engine shop visit, or before December 31, 2024, whichever occurs first after the effective date of this AD, replace the affected AGB with a part eligible for installation.		N	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3			31Dec2024	First	31Dec2024	362

Ref No(s)	Title	Eff Date	ATA	Comments
AD-2023-05-05-FAA	ENGINE - HIGH PRESSURE TURBINE INNER STATIONARY SEAL - REPLACEMENT	10May2023	72	Replaces: AD-2021-10-09-FAA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
G	At the next engine shop visit after the effective date of this AD, remove the affected HPT innerstationary seal and replace with an HPT inner stationary seal that is eligible for installation iaw CFM56-7B S/B 72-1054 Rev 2.		N	Date Days (Calendar) Hours Landings 7B20 7B22 7B24 7B26 7B27/B1 7B27 5A1 CYCLES 5C4/1 CYCLES 5C4/P CYCLES 5C3/G 5C4 5B6/2P CYCLES 5A3 B1 Cycles 5B4/P 5B2/P 7B27/3 B2 Cycles C1 Cycles 7B20/3 7B22/3 7B26/3 7B24/3 5B6/P 7B27/3B1 5B3/3				38581	First	17Oct2027 38581	4700

Ref No(s)	Title	Eff Date	ATA	Comments
AD-97-09-02-FAA	HIGH PRESSURE TURBINE ROTOR (HPTR) FRONT SHAFTS.	14Oct2004	72	Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	APPLICABLE ONLY TO CFM56-5C ENGINES.			N/A BY AFFECTED COMPONENT NOT INSTALLED						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-98-10-11-FAA	INFLIGHT ENGINES SHUTDOWN.	03Jun1998	72	Supersedes: AD-T97-25-51-FAA Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	APPLICABLE ONLY TO CFM56-3, 3B, 3C, 5, 5B, 5C ENGINES. Inspect Engine Gearbox for Gearbox RPLC.			N/A EQUIPMENT NOT INSTALLED						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-98-14-51-FAA	Acessory Gearbox/Transfer GearBox Check to Prevent Dual Engine Shutdown (Equivalent to EASA 1998-259R1)	01Oct1998	71	Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	Remove from service starter gearshafts, part number (P/N) 340-055-202-0, and replace with a serviceable part not identified by S/N in Table 1 of CFMI CFM56-7B SB No. 72-130,			N/A BY INSTALLED AGB SN NOT AFFECTED						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-98-18-51-FAA	Engine EEC Fault Messages Inspection and Replacement	28Aug1998	72	Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	Engine EEC Fault Messages Inspection and Replacement			Superseded By: AD-98-21-23-FAA On 02Nov1998						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-98-19-20-FAA	Repetitive Inspections of Certain Hydromechanical Unit (HMU) Overspeed (Equivalent to EASA 1998-162R1)	07Oct1998	72	Part / Serial: **CFM56-7B / 8** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	Repetitive Inspections of Certain Hydromechanical Unit (HMU) Overspeed			N/A BY AFFECTED P/N NOT INSTALLED						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-98-21-23-FAA	EEC Fault Messages Inspection to Prevent Uncommanded Engine Acceleration Event, or Inflight Engine Shutdown.	02Nov1998	72	Mandates: SB-73-0024-CFM Supersedes: AD-98-18-51-FAA Part / Serial: **CFM56-7B / 8,** Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	EEC Fault Messages Inspection to Prevent Uncommanded Engine Acceleration Event, or Inflight Engine Shutdown.			N/A BY AFFECTED EEC SOFTWARE IS NO LONGER INSTALLED						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-99-06-16-FAA	SPARE PART RELEASE.	21Apr1999	72	Part / Serial: CFM56-7B / 8 Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	APPLICABLE ONLY TO CFM56-5 ENGINES.			N/A EQUIPMENT NOT INSTALLED						

Ref No(s)	Title	Eff Date	ATA	Comments
AD-99-08-16-FAA	REVISION TO THE TIME LIMITS SECTION OF THE ENGINE SHOP MANUAL	13May1999	72	Part / Serial: CFM56-7B / 8 Pos / Zone: 002 / 420

Paragraph		Method Of Compliance	R	Life	Last Compl	E/D O/Ride	Limit/ Interval	F/ L	Next Due	Remain
-	REVISION TO THE TIME LIMITS SECTION OF THE ENGINE SHOP MANUAL			Superseded By: AD-2000-12-01-FAA						

5. Last BSI Report

Borescope Inspection Report

Engine Type: CFM56-7B26
Engine Serial Number: 8 7

General Information

Engine Type: CFM56-7B26

Aircraft: Boeing B737- 800

Engine S/N	8 7
Rating	CFM56-7B26
TSN	70 566
TSLSV	1 791
CSN	33 881
CSLSV	856

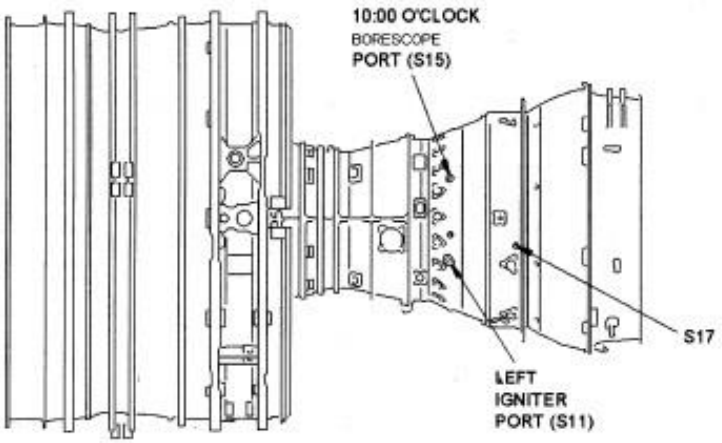
	BSI & Plug-Report				CFM56–7B
A/C:	ESN: 8	ENG: #2	TSN: 68775:46	CSN: 33025	BUD
FH: 75809:46	FC: 34132	ACE WP: 1660	Date: 08/Oct/2022		Page 1/11

Borescope Inspection

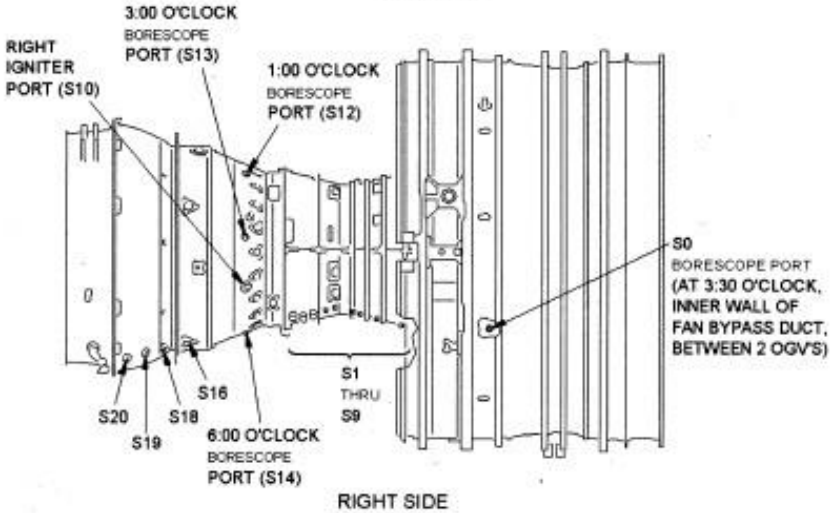
Video : yes [x] no [ ] **Photo:** yes [x] no [ ]

Routine Inspection [ ] **Detailed Inspection** [ ]

NOTE: Accepted defaults according to Boeing 737 NG Maintenance Manual



LEFT SIDE



RIGHT SIDE

Borescope port location

	BSI & Plug-Report				CFM56–7B
A/C:	ESN: 8	ENG: #2	TSN: 68775:46	CSN: 33025	BUD
FH: 75809:46	FC: 34132	ACE WP: 1660	Date: 08/Oct/2022		Page 2/11

Boroscope Ports Plug Report:

Borescope Ports:	S0	S1	S2	S3	S4	S5	S6	S7	S8	S9	S10
REMOVAL:											
INSTALLATION:											
Double Inspection:											

Borescope Ports:	---	S11	S12	S13	S14	S15	S16	S17	S18	S19	S20
REMOVAL:	---		n/a		n/a		n/a				
INSTALLATION:	---		n/a		n/a		n/a				
Double Inspection:	---		n/a		n/a		n/a				

Specify if other BSI Access has been used acc Boeing 737 NG AMM:

Borescope Ports:	Hand Crank Pad	Igniter Plug L/H	Igniter Plug R/H	VBV-Door		
REMOVAL:				n/a		
INSTALLATION:				n/a		
Double Inspection:				n/a		

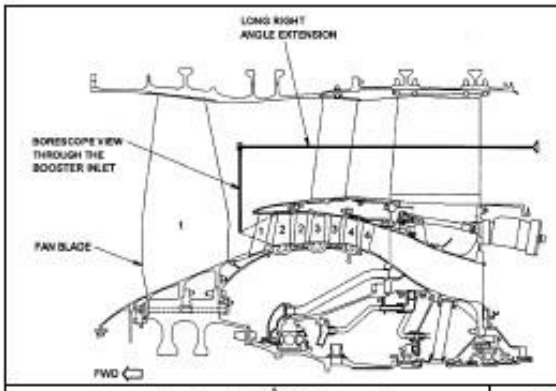
Borescope Ports:	Fuel-Nozzle Pos___	Fuel-Nozzle Pos___	Fuel-Nozzle Pos___	Fuel-Nozzle Pos___		
REMOVAL:	n/a	n/a	n/a	n/a		
INSTALLATION:	n/a	n/a	n/a	n/a		
Double Inspection:	n/a	n/a	n/a	n/a		

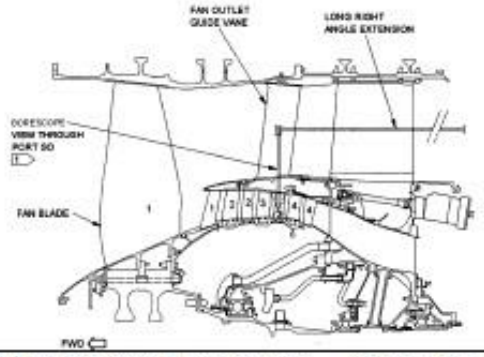
Borescope Ports:	Pos___	Pos___	Pos___	Pos___		
REMOVAL:	n/a	n/a	n/a	n/a		
INSTALLATION:	n/a	n/a	n/a	n/a		
Double Inspection:	n/a	n/a	n/a	n/a		

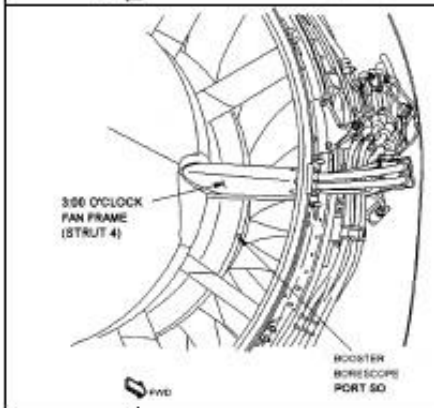
Installation and Double Inspection of all Access Port perfomed (QC):

DATE:_____ Performed by: Sign:_____ & Stamp:_____

	BSI & Plug-Report				CFM56–7B
A/C:	ESN: 8	ENG: #2	TSN: 68775:46	CSN: 33025	BUD
FH: 75809:46	FC: 34132	ACE WP: 1660	Date: 08/Oct/2022		Page 3/11







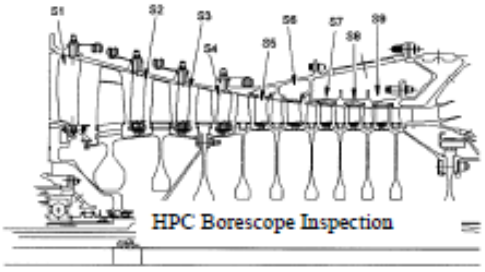
72-21-00 FAN Section LPC blades – findings :

LPC Stage 2-4 blades and vanes inspected iaw AMM TASK 72-00-00-200-803-F00.
No findings.

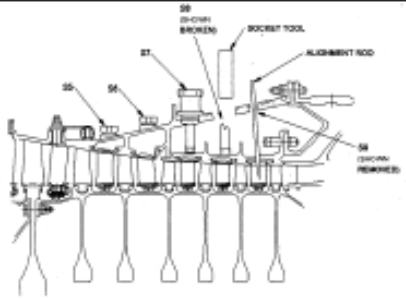
Separation, flaking on the abradable material of the outer shroud at Stage 3 and Stage 4. Permitted iaw AMM SUBTASK 72-00-00-210-009-F00 (8).(h).

port	Location of inspection	Wiew – Stage LE / TE	Qty	Remarks Observations
	FAN	LE TE	24	not inspected
	2 ND by Booster Inlet	LE	74	no findnigs
	2 ND by Booster Inlet			no findnigs
S0	3 RD stage	TE	78	no findnigs
S0	4 TH stage	LE	74	no findnigs

	BSI & Plug-Report				CFM56–7B
A/C:	ESN: 8	ENG: #2	TSN: 68775:46	CSN: 33025	BUD
FH: 75809:46	FC: 34132	ACE WP: 1660	Date: 08/Oct/2022		Page 4/11



HPC Borescope Inspection



72-31-00 HPC task 72-00-00-216-049-000

port	Location of inspection	Wiew – Stage LE / TE	Qty	Remarks Observations
S1	1 ST stage 150°	LE	38	no findnigs
S2	1 ST stage 147°	TE	38	no findnigs
S2	2 ND stage	LE	53	no findnigs
S3	2 ND stage 150°	TE	53	no findnigs
S3	3 RD stage	LE	60	no findnigs
S4	3 RD stage 155°	TE	60	no findnigs
S4	4 TH stage	LE	68	no findnigs
S5	4 TH stage 155°	TE	68	One blade with TE dent in Dim B. Depth:0,49mm, deflection from contour:0,45mm. Premitted iaw AMM SUBTASK 72-00-00-290-009-F00 (2)(i)5)
S5	5 TH stage	LE	75	One blade with nick in the LE tip. Premitted iaw AMM SUBTASK 72-00-00-290-009-F00 (2)(m).

	BSI & Plug-Report				CFM56–7B
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port	Location of inspection	Wiew – Stage LE / TE	Qty	Remarks Observations
S6	5 TH stage 143°	TE	75	Few blades with missing material in the TE tip. Permitted iaw AMM Premitted iaw AMM SUBTASK 72-00-00-290-009-F00 (2)(m).
S6	6 TH stage	LE	82	no findnigs
S7	6 TH stage 147°	TE	82	Few blades with missing material in the TE tip. Permitted iaw AMM Premitted iaw AMM SUBTASK 72-00-00-290-009-F00 (2)(m).
S7	7 TH stage	LE	82	no findnigs
S8	7 TH stage 148°	TE	82	no findnigs
S8	8 TH stage	LE	80	no findnigs
S9	8 TH stage 147°	TE	80	no findnigs
S9	9 TH stage	LE	78	no findnigs

72-31-00 HPC section – findings :

HP Compressor rotor blades inspected iaw AMM TASK 72-00-00-200-804-F00.

Several rotor blades with minor nicks and material/dirt on the leading edge.
Premitted iaw AMM SUBTASK 72-00-00-290-009-F00 (2)(i),(j),(k),(l),(r).

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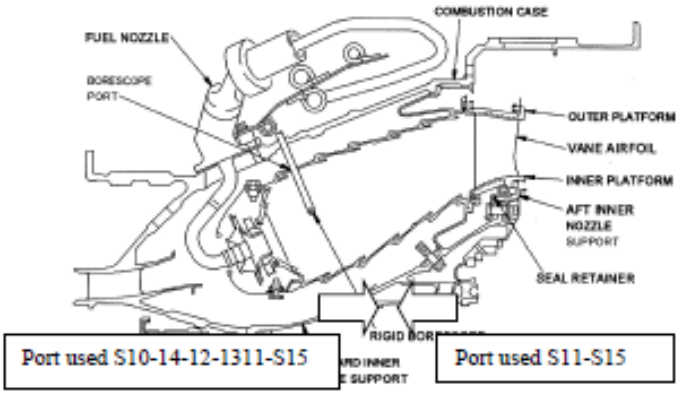

72-42-00 Combustion chamber / HPT - findings :

Discoloration, carbon accumulation on all surfaces;
Permitted iaw AMM SUBTASK 72-00-00-210-118-F00;

Few axial cracks in the inner and outer liners, max length: less than 1 panel length.
Permitted iaw AMM SUBTASK 72-00-00-210-030-F00;

Missing material from the extensions on several deflectors; max. number of exposed cooling holes per deflector: 6
Permitted iaw AMM SUBTASK 72-00-00-210-029-F00;

port	Location of inspection	Wiew – Stage LE / TE	Qty	Remarks Observations
S10	Combustion chamber Igniter port	118°HPTnozzle, LE		no findnigs
S11	Combustion chamber Igniter port	244°HPTnozzle, LE		no findnigs
S12	Combustion chamber	270°HPTnozzle, LE		no findnigs
S13	Combustion chamber	81°HPTnozzle, LE		no findnigs

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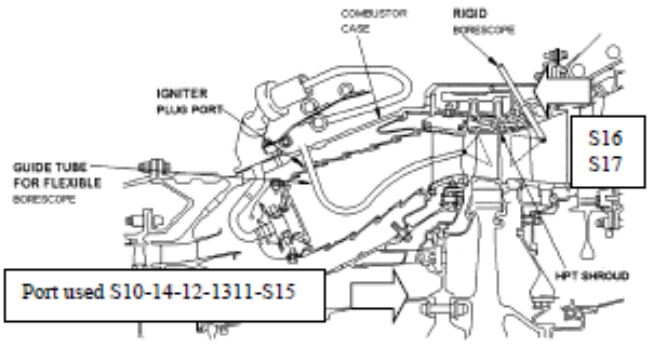
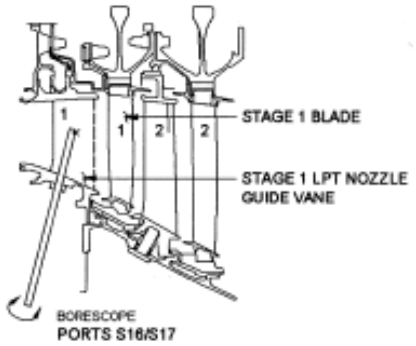


72-51-00 HPT NGV section
72-52-00 HPT rotor blades - findings :

HPT blades:
Missing thermal barrier coating on several blades;
Permitted iaw AMM SUBTASK 72-00-00-210-056-F00.

HPT NGV:
Leading edges: Cracks and burns;
Concave and convex surfaces: Cracks and burns, one vane with missing material;
Trailing edges: Axial T/E cracks, convex airfoil cracks, T/E missing material and burns;
Inner and outer platform: Cracks and burns, one vane with through holes at the leading edge.

Permitted damages iaw AMM SUBTASK 72-00-00-220-008-F00. Refer to the attached pictures.
Refer to Page 10 for the continue-in-service limit.



72-53-00 / HPT shroud /LPT NGV stage 1 - findings :

HPT shroud: Rub and wear on several shrouds, axial cracks, burns, one shroud with burn through on the rub land.
Refer to Page 10 for the continue-in-service limit.

LPT NGV Stage 1: One vane with axial crack in the leading edge. Length less than 1/3 chord length. Permitted iaw SUBTASK 72-00-00-210-082-F00 (1)(a)2).

port	Location of inspection	Wiew – Stage LE / TE	Qty	Remarks Observations
S14	Combustion chamber	171°		no findnigs
S15	Combustion chamber	297°		no findnigs
S16	HPT blade HPT shroud LPT stage 1	165° TE / LE	80	HPT blade: no findings HPT shroud: See above LPT stage 1 : no findings
S17	HPT blade HPT shroud LPT stage 1	255° TE / LE	80	HPT blade: no findings HPT shroud: See above LPT stage 1 : no findings

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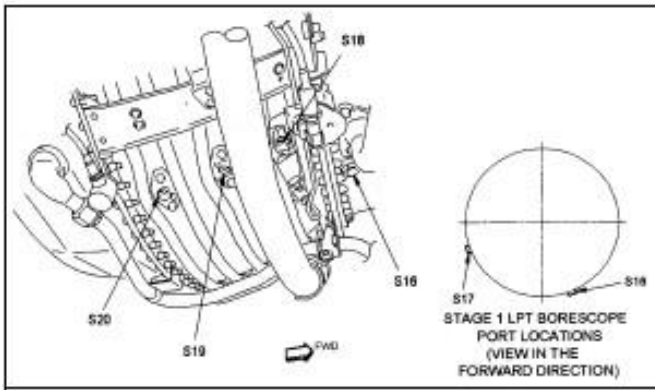
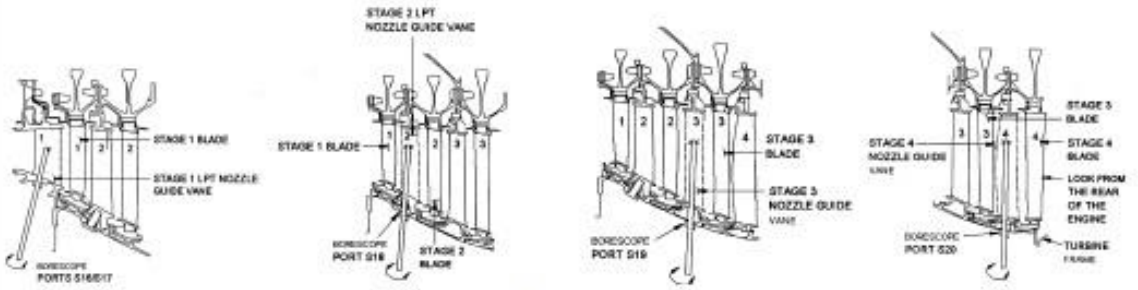


72-54-00 LPT rotor check :

LPT rotor blaes inspected iaw AMM TASK 72-00-00-200-808-F00 and TASK 72-00-00-200-809-F00.
No findings.



port	Location of inspection	Wiew – Stage LE / TE	Qty	Remarks Observations
S16	LPT stage 1	LE	162	no findnigs
S17	LPT stage 1	LE	162	One blade with minor nick on conwex surface. Permitted iaw AMM SUBTASK 72-00-00-210-065-F00 (2)(c)
S18	LPT stage 1	TE	162	no findnigs
S18	LPT stage 2	LE	150	no findnigs
S19	LPT stage 2	TE	150	no findnigs
S19	LPT stage 3	LE	150	no findnigs

S20	LPT stage 3	TE	150	no findnigs
S20	LPT stage 4	LE	134	no findnigs
	LPT stage 4 visual rear inspection	TE	134	no findnigs

Remaining HPT rotor blade notches : 2 notches are visible on notched blades

Assessment Borescope of the engine :

The engine is serviceable with a continue-in-service limit of 25 cycles.
Reinspect the HPT NGV platform hole after 400 cycle interval.

- One HPT NGV at ~9 o'clock ALF with through holes in the outer platform leading edge. Hole area: ~7mm^2 Permitted iaw AMM SUBTASK 72-00-00-220-007-F00 (6)(b) 2).
  Refer to the attached picture. Reinspect after 400 cycle interval.
- One HPT NGV at port S11 with cracks, burns and missing material in the convex surface and leading edge, from cooling hole Row#1 to Row#7, near the outer platform. Total area of missing material: ~ 28 mm^2. Missing material extends aft of Row#3. Refer to the attached pictures.
  Continue-In-Service limit is 25 cycles per AMM SUBTASK 72-00-00-220-003-F00 (1)(a)4) and (c)3).
- One HPT shroud with burn through on the rub land. Area of missing material: ~13 mm^2. Refer to the attached pictures.
  Continue-In-Service limit is 25 cycles per AMM SUBTASK 72-00-00-290-001-F00 (1) (i)4).

Engine Serviceable with a Continue-in-service limit of 25 cycles [X]

Engine Non-serviceable [ ]

Inspector (QC) : Horvath Cs. Stamp : 1287

DATE : 08/OCT/2022

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Pictures:

Dataplate:

HPT NGV Outer platform holes:

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HPT NGV Leading edge and Convex surface missing material btw cooling row#1-#7, near the outer platform

HPT Shroud burn through:

6. Accessory Inventory/QEC

ESN 8 7 QEC list									
ATA Reference	Description	Type	Position	Zone	Part Number	Serial	Last Movement	Fitted To Part	Fitted To Serial
24111100	IDG	C	002	420	761574B	1837	16.11.2014	CFM56-7B	8
29111100	HYDRAULIC SYSTEM A AND B ENGINE DRIVEN PUMP	C	002	420	849589	MX672408	3.4.2021		
36110300	BLEED AIR REGULATOR	C	002	420	107492-6	6244	14.5.2023		
36110400	PRESSURE REGULATOR AND SHUT OFF VALVE (PRSOV)	C	001	420	3214552-5	7058	22.9.2019	CFM56-7B	8
72210200	FAN BLADES	C	010	420	340-001-038-0	DC978404	3.12.2021		
72210200	FAN BLADES	C	022	420	340-001-038-0	DC977502	3.12.2021		
73211000	HYDROMECHANICAL UNIT	C	001	420	442369	BECW4345	5.11.2018	CFM56-7B	8
73216100	IDENTIFICATION PLUG	C	001	420	390-660-301-0	PG000420	28.3.2015	CFM56-7B	8
74110100	IGNITION EXCITER	C	002	420	10-631045-2	UNNEN040	14.11.2018	CFM56-7B	8
74210100	IGNITION LEAD	C	001	420	9059110-1	91428	13.3.2018	CFM56-7B	8
74210100	IGNITION LEAD	C	002	420	9059110-1	KD3224	13.3.2018	CFM56-7B	8
75230100	TRANSIENT BLEED VALVE	C	001	420	3291390-3	GRTU4375	13.3.2018	CFM56-7B	8
79210200	MAIN OIL/FUEL HEAT EXCHANGER	C	001	420	45332-8039	YB040093-8	19.9.2023		
80110100	STARTER	C	001	420	3505945-10	GRTF7073	26.12.2023		