CFM56-7B26 **ESN 874226 MINIPACK**

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- 5. Outgoing BSI Report6. Accessory Inventory



ENGINE SUMMARY

Engine Type: CFM56-7B26

Engine Serial Number: 874226

Time Since New: 73 566

Cycles Since New: 32 660

TSLSV: 1 791

CSLSV: 856

TSLPR: 30 097

CSLPR: 14 122

Engine Cycles Remaining – 5 878

LLP Limiter – (HPC, HPT)

EGT Margin: 20°C

2. Certificates

| 0.00 | eroving Competent Authority / Co an Transport Administration / Es | | | D RELE | ASE CERTIFICATE | 3. Form Tracking Number R0013279 |
|--------------------------------------|--|---|---|---|---|---|
| | anization Name and Address: | Magnetic MRC Väike-Sõjamäe Tallinn, Estonia | | 372 6401 11 372 6401 11 | | 5. Work Order/Contract/Invoice PRJ160975 |
| 6. Item | 7. Description | 8. | Part No. | 9. Qty | 10. Serial No. | 11. Status/Work |
| 1 | ENGINE | CI | FM56-7B26 | 1 | 874226 | REPAIRED |
| 738-C4 | -PERFORMED CONTAIMENT -PERFORMED HPC STG AN -PERFORMED 2es LIGH PRI -PERFORMED 2es HIGH PRI -PERFORMED PRESERVATI -ENGINE DELIVERED UNTES | C CASE BLEND REPAIR NO STO 6 BLEND REPAIR SSURE TURBINE NO 22 ON UP TO 385 DAYS, 67 ESTED. OPERATOR TO PI EXPLORE LLP STATUS I XXPLORE AD/EAD STATE d above were manul in condition for safe | LE REPLACEMENT IN DETAILS SEE MAGNETIC ENGINE REFORM TESTING PER APPLICABLE REPORT DATED 31.JAN.2023 MENT DATED 31.JAN.2023 factured in conformity to | S PRESERVATI BOEING AMM 14a. Certifie block 1 | ON TAG. Part-145.A.50 Release to Serv stat unless otherwise specified in | ice Other regulation specified in block 12 in block 12, the work identified in block 11 and described in se with Part 145 and in respect to that work the items are |
| 13b. At | uthorised Signature | 130 | a. Approval/Authorization Num | ber 14b. A | uthorised Signature EE.14. | The beautiful pprovidence. |
| 13d. Na | ame | 136 | e. Date (dd nown yyyy) | 14d. N | arne MANUSHA | 14e. Date (dd mmm yyyy) 15 Mar 2023 |
| This co Where ensure Staten | es that his/her airworthiness auth | constitute authority in accordance with nority accepts items not constitute installa | regulations of an airworthines from the airworthiness authorit ation certification. In all cases a | y specified in | block 1. | ority specified in block 1, it is essential that the user/installer stallation certification issued in accordance with the national |

EASA From 1 - MF/CAO/145 Issue 3

3. LLP Status

| Part Number | Description | Serial Number | Install Date | TSN | CSN | Position |
|--------------|-------------|---------------|--------------|----------|--------|-------------|
| CFM56-7B | ENGINE | 874226 | 30Mar2023 | 73566:39 | 32660 | 001 |
| Aircraft Reg | Model | MSN | Manufactured | AC TSN | AC CSN | Last Flight |
| OM-FEX | B737-800 | 28213 | 10lun1998 | 77600:46 | 34988 | 04lan2024 |

| Component | Part | Serial | Limit | Life | Interval | Life At Install | Life Since New | Life Remaining | % | Due Date |
|--|---------------|--------------------|------------------|--------------------------------------|----------------|-----------------|---------------------------|----------------|-------|--------------------|
| Accessories / Other | | | | | | | | | | |
| SPOOL BOOSTER | 340-000-816-0 | DE258463 | Discard | Date Days (Calendar) | | 0 | 4755 | | 40.16 | |
| | | | | Hours | | 0:00 | 30097:39 14122 | | | |
| | | | | Hours Landings 7B24 | 23600 | 0 | 8150 | 9478 | | |
| FAN DISK | 340-000-420-0 | DE658550 | Discard | 7B26 Date | 23600 | 0 | 5972 | 9478 | 52.93 | |
| PAN DISK | 340-000-420-0 | DE030330 | Discard | Days (Calendar) Hours | | 0:00 | 4755 30097:39 | | 52.55 | |
| | | | | Hours Landings 7B24 | | 0:00 0 | 14122 8150 | | | |
| | | | | 7B26 | 30000 30000 | 0 | 8150 5972 | 15878 15878 | | |
| FAN SHAFT | 335-006-414-0 | DE171144 | Discard | Date Days (Calendar) | | 0 | 4755 | | 52.93 | |
| | | | | Hours Landings | | 0:00 | 30097:39 14122 | | | |
| | | | | 7B24 | 30000 | 0 | 8150 | 15878 | | |
| HPC ROTOR FWD SHAFT | 100045000 | GWN0J0F3 | Discard | 7B26 Date | 30000 | 0 | 5972 | 15878 | 29.39 | |
| HECKOTOK FWD SHAFT | 13001130103 | GWNOJUFS | Discard | Days (Calendar) | | 0 | 4755 | | 25.55 | |
| | | | | Hours Landings | | 0:00 | 30097:39 14122 | | | |
| | | | | 7B24 7B26 | 20000 20000 | Ö | 8150 5972 | 5878 5878 | | |
| HPC SPOOL STG 1-2 | 1558M31G07 | GWN0JJ65 | Discard | Date | | | | | 29.39 | |
| | | | | Days (Calendar) Hours Landings | | 0:00 0:00 | 4755 30097:39 14122 | | | |
| | | | | Landings 7B24 | 20000 | 0 | 14122 8150 | 5878 | | |
| | | | | 7B26 | 20000 | 0 | 5972 | 5878 | | |
| HPC DISK STG 3 | 2116M23P01 | XAEL5856 | Discard | Date Days (Calendar) | | 0 | 4755 | | 29.39 | |
| | | | | Hours Landings | | 0:00 | 30097:39 14122 | | | |
| | | | | 7B24 7B26 | 20000 20000 | Ö | 8150 5972 | 5878 5878 | | |
| | | | | 1 | | | IC-32-32 | | | |
| HPC SPOOL STG 4-9 | 2048M20G03 | Serial GWN0JJ11 | Limit | Life Date | Interval | Life At Install | Life Since New | Life Remaining | 29.39 | Due Date |
| STATE OF THE STATE | | 1.00 | | Days (Calendar) Hours | | 0:00 | 4755 30097:39 | | | |
| | | | | Hours Landings 7B24 | 20000 | 0 | 14122 8150 | 5070 | | |
| | | | | 7826 | 20000 | 0 | 5972 | 5878 5878 | | |
| CPD REAR AIR SEAL | 2116M25P01 | GFF5EGAF | Discard | Date Days (Calendar) | | | 4755 | | 29,39 | |
| 100 | 1 1 1 1 1 1 | | | Days (Calendar) Hours Landings | | 0:00 | 30097:39 14122 | | | |
| | | | | 7B24 7B26 | 20000 | 0 | 8150 | 5878 | | |
| HPT FRONT SHAFT | 2048M21P03 | XAEL2618 | Discard | 7826 Date | 20000 | 0 | 5972 | 5878 | 29.39 | |
| (ii) i i i si i i i i i i i i i i i i i | 2040(122100 | Britania. | 10,000,0 | Days (Calendar) | | 0:00 | 4755 30097:39 | | - | |
| | | | | Hours Landings 7B24 | **** | 0 | 14122 8150 | | | |
| | | | | 7B24 7B26 | 20000 20000 | 0 | 5972 | 5878 5878 | | |
| HPT FRONT AIR SEAL | 2116M20P02 | GWN0G9LG | Discard | Date Days (Calendar) | | 0 | 4755 | | 29.39 | |
| | | | 1 10 1 | Hours | | 0:00 | 30097:35 14122 | | | |
| | | | | Landings 7B24 | 20000 | 0 | 14122 8150 5972 | 5878 | | |
| HPT ROTOR DISK | 1498M43P07 | GWNOJJKR | Discard | 7B26 Date | 20000 | 0 | 5972 | 5878 | 29.39 | |
| HET HOTON DISK | 14301143107 | GWINOJINA | Discard | Days (Calendar) | | 0 | 4755 | | 25.55 | |
| | | | | Hours Landings 7B24 | 20.5 | 0:00 | 30097:39 14122 8150 | 1700 | | |
| | | | 1 | 7B24 7B26 | 20000 20000 | 0 | 8150 5972 | 5878 5878 | | |
| HPT REAR SHAFT | 1864M90P04 | TMT6P965 | Discard | Date | | | | | 29.39 | |
| | | | | Days (Calendar) Hours | | 0:00 | 4755 30097:39 14122 | | | |
| | | | | Hours Landings 7B24 | 20000 | 0 | 8150 | 5878 | | |
| LPT ROTOR DISK STG 1 | 1000 | DE801726 | Discard | 7826 | 20000 | 0 | 5972 | 5878 | 43.51 | |
| LPT HOTOH DISK STG 1 | 336-001-804-0 | DE801/26 | Discard | Date Days (Calendar) | | 0 | 4755 | | 43.51 | |
| | | | | Hours Landings 7824 | 100 | 0:00 | 14122 | | | |
| | | | | 7B24 7B26 | 25000 25000 | 0 | 8150 5972 | 10878 10878 | | |
| | 1 | | T | | | | | | | · International |
| Component LPT ROTOR DISK STG 2 | 336-001-909-0 | Serial PA311011 | Limit Discard | Life Date | Interval | Life At Install | Life Since New | Life Remaining | 43.51 | Due Date |
| D I NOTON DISK SIG 2 | 230-001-303-0 | PASITOIT | Discard | Days (Calendar) Hours | | 0 | 4755 | | 45.51 | |
| | | | | Landings | 2.1 | 0:00 | 4755 30097:39 14122 | | | |
| | | | | 7B24 7B26 | 25000 25000 | 0 | 8150 | 10878 10878 | | |
| LPT ROTOR DISK STG 3 | 336-002-006-0 | PA279442 | Discard | Date | | | - 6. | | 43.51 | |
| | | | | Days (Calendar) Hours | | 0:00 | 4755 30097:39 | | | |
| | | | 11 | Hours Landings 7B24 | 25000 | 0 | 14122 8150 | 10878 | | |
| LOT DOTOR SHOW STORY | 226 002 125 0 | DECESSOR'S | Name of | 7B26 | 25000 | 0 | 5972 | 10878 | 40.00 | |
| LPT ROTOR DISK STG 4 | 336-002-105-0 | DE690994 | Discard | Date Days (Calendar) | | . 0 | 4755 | | 43,51 | |
| | | | | Hours Landings 7824 | | 0:00 | 30097:39 14122 | | | |
| | | | | 7824 7826 | 25000 25000 | 0 | 8150 5972 | 10878 10878 | | |
| LPT ROTOR SUPPORT | 338-077-502-0 | DE660281 | Discard | Date | 23000 | | | | 43.51 | |
| Andread Park | 100 | 1,1 | 12.00 | Days (Calendar) Hours | | 0:00 | 4755 30097:39 | | | |
| 11 | | | | Landings 7824 | 25000 | 0 | 14122 8150 | 10878 | | |
| | - | - | 11 1 | 7826 | 25000 | 0 | 5972 | 10578 | | |
| SHAFT LPT | 340-074-723-0 | DE199383 | Discard | Date Days (Calendar) | | 0 | 4755 | | 43.51 | |
| | | | | Hours Landings | | 0:00 | 30097:39 14122 | | | |
| I | | 1 | | 7024 | 35000 | | 0150 | 10070 | | 1 |

4. AD Status

| nei No(s) | | Title | | | LII Date | AIA | | Con | men | LS | |
|---|---|--|-----|--|----------------------------|----------------|--|---------------------------|---------------|--------------------------|---------|
| 8-350-EASA | Engine Fuel & Co | ontrol - Hydro-Mechanical Unit - Replacement. | | | 02Sep1998 | 72 | Part / Serial: Pos / Zone: | O01 | 56-7B / 43 | / 874226 LO | |
| Paragraph | | Method Of Compliance | R | Life | | ast mpl | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain |
| CFM 56-7B series engines with E control unit software part number 1853M78P11 or earlier approved installed. | ers | | 1 | | N/A | TO THE | | A BY OFTWARE P/N 2 | 044M2 | 5P14. | |
| Ref No(s) | | Title | _++ | | Eff Date | ATA | | Con | nmen | ts | |
| 0-12-01-FAA | PREVENT CRITIC | AL LIFE-LIMITED ROTATING ENGINE PART FAILURE | | | | 72 | Supersedes: Part / Serial: Pos / Zone: | AD-9 | 9-08-16 | 5-FAA / 874226 | |
| Paragraph | 1 | Method Of Compliance | R | Life | | est | E/D | Limit/ | F/ L | Next | Remain |
| - PREVENT CRITICAL LIFE-LIMITED | ROTATING | | | | | mpl | O/Ride | Interval -13-03-FAA On | nuA10 | Due | 2000000 |
| Ref No(s) | | Title | | - | Eff Date | | | 2.15000.40 | nmen | CO. NO. | |
| 1-02-12-FAA | INCORRECTLY TO | DRQUE FITTINGS AIR LEAKAGE PREVENT | | | 14Feb2001 | | Part / Serial: Pos / Zone: | | | 874226 | |
| | | | | | | | | | /4. | | |
| Paragraph | | Method Of Compliance | R | Life | | nst mpl | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain |
| Ref No(s) | | Title | | | Eff Dat | te AT/ | A . | Co | mmer | nts | |
| 2001-02-12-FAA | INCORRECTLY | TORQUE FITTINGS AIR LEAKAGE PREVENT | | | 14Feb20 | - | Part / Seria Pos / Zone | d: CFI | 456-7B | / 874226 | |
| | | | -10 | 1 3 3 | 4 | ast | E/D | Limit/ | | Next | 1 |
| Paragraph - INCORRECTLY TORQUE FITTH | | Method Of Compliance | R | Lif | C | ompl Feb200 | O/Ride | Interval | F/ L | Due | Remain |
| Definition (a) | | Tible | | 5C3/G 5C4 5B6/2P C 5A3 81 Cycles 5B4/P 5B2/P 7B27/3 82 Cycles C1 Cycles 7B20/3 7B22/3 7B24/3 5B6/3 7B27/3B1 5B3/3 | | | | | | | |
| Ref No(s) AD-2001-057-EASA | Engine Air | Title r - PS3 Line Fittings - Inspection / Torque Check. | | | Eff Da 30jan2 | | Part / Seri | al: CF | mme | 3 / 874226 | |
| | | | | | L | Last | Pos / Zone | Limit/ | 14 | Next | |
| Paragraph | | Method Of Compliance | | | 100 | Compl | O/Ride | | F/ L | Due | Remair |
| within 25 days after the - Airworthiness Directive: Check for and apply the- torque of the six (6) "PS3 identified joint 1, joint 2, joint 6 in figure 1, as folit (1) Ensure a torque of 14 1 fitting. (2) Because of poor acce fitting for finger looseness torque to a value of 285 (3) Ensure a torque of 26 3, joint 5, and joint 6 fittil | effective date of this correct tightening i" line fittings that are Joint 3, Joint 4, Joint 5, ws: 0 inch. pounds of Joint | ACCOMPLISHED BY E0-75-8001 | | N Date Days (C Hours Landing 7820 7822 7824 7826 7827/8 7827 5A1 CY 5C4/1 C | alendar) s L CLES | 01Feb20 | | | First | Completed | |

| Ref No(s) AD-2001-11-05-FAA | | Title | | | Eff Dat | te ATA | | Cor | nmen | its | | | |
|--------------------------------|----------|---|---|--|---------------|---|-------------------------------------|--------------------------------|---|----------------------|---------|-----------------------------------|--------|
| AD-20 | 001-11-0 | 5-FAA | NUMBER | 4 BEARING FAILURES (EQUIVALENT TO EASA AD 2001-240) | | | 11Jun200 | 01 72 | Mandates: Supersedes Part / Serial Pos / Zone: | SB-7 | 156-7B | -CFM 7-EASA / 874226 | |
| | | Paragraph | | Method Of Compliance | R | Lif | | Last ompl | E/D O/Ride | Limit/ Interval | F/L | Next Due | Remair |
| | | NUMBER 4 BEARING FAILURI Roller Bearing with P/N 305- | S (Applicable to 355-717-0) | | | | | AFFEC | N/ TED PART NU | A BY MBER NOT INS | TALLED |) | |
| | | Ref No(s) | | Title | | | Eff Dat | te ATA | | Cor | nmen | its | |
| AD-20 | 001-207- | EASA | NO 4 BEA | RINGS SKF P/N 305-355-717-0 WITH AN INADEQUATE HEAT | TREATMENT | | 30May20 | 01 72 | Part / Serial Pos / Zone: | : CFM 001 | | / 874226 10 | |
| | | Paragraph | | Method Of Compliance | R | Lif | | Last ompl | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remai |
| | (8) | Aft Sump Magnetic Chip Det Number 4 Bearing Replacem | | | | | 5 | upersede | d By: AD-200 | 1-11-05-FAA O | n 11Jun | 2001 | |
| | | Ref No(s) | | Title | | | Eff Da | te ATA | | Cor | nmen | its | |
| AD-20 | 002-13-0 | 3-FAA | | OF AIRWORTHINES LIMITATIONS SECTIONS OF THE ESM () and supersedes 2000-294). | quivalent to | EASA | 01Aug20 | 02 72 | Supersedes Part / Serial Pos / Zone: | AD-: CFM 001 | 156-7B | -01-FAA / 874226 10 | |
| | | Paragraph | | Method Of Compliance | R | Lif | | Last ompl | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remai |
| | | Ref No(s) | | Title | | | Eff Da | te ATA | | Coi | nmer | nts | |
| AD-20 | 002-13-0 |)3-FAA | | I OF AIRWORTHINES LIMITATIONS SECTIONS OF THE ESM () and supersedes 2000-294). | Equivalent to | EASA | 01Aug20 | 102 72 | Supersedes Part / Serial Pos / Zone: | : CFM | 456-7B | 2-01-FAA / 874226 10 | |
| | | Paragraph | | Method Of Compliance | R | Lif | | Last | E/D O/Ride | Limit/ Interval | F/L | Next Due | Remai |
| | Α | Revise the Airworthiness Lin (chapter 05-0-00) of Engine (ESM) CFM-TP-SM, 4, for CFN engines. ESM CFM-TP-SM, 6, series engines. ESM CFM-TP 3-38-30 crise engines. ESI CFMS-5-5 series engines. ESI CFMS-5-5 series engines. ESI CFMS-5-5 Series engines. ESI CFMS-5-8 Deries engines. ESI OFMS-5-8 Series engines. ESI for CFMS-6-5C series engines. ESI TP-SM.10 for CFMS-6-78 series. | e Shop Manual 156-2 series for CFM56-2A/-2B LSM.5, for CFM56- M CFMI-TP.SM.7 for CFMI-TP.SM.9 for SM CFMI-TP.SM.8 S, and ESM CFMI- | | Y | Date (Days (Ca Hours Landings 7820 7824 7824 7827 7826 7827/81 CYC) 5C4/P CY 5C3/G 5C4 20 5C4/P CY | LES CLES CLES CLES CLES | 88jun2010 43469:00 18538 | | | First | | |

| | Ref No(s) | | Title | | | Eff Date AT | Α | Comments uivalent To: AD-2002-470-EASA | | | |
|--------|---|---------------|---|---|--|----------------------------|--|--|-------------------|----------------------------|--------|
| AD-200 | 2-16-18-FAA | STAGE 2 | AND STAGE 3 LPT NOZZLE SEGMENT RETIREMENT | | | 18Sep2002 7 | Equivalen Mandates Part / Seri Pos / Zone | : SB-' al: CF1 | 72-0241 456-7B | 0-EASA -CFM / 874226 | |
| | Paragraph | | Method Of Compliance | R | Life | Last Compl | E/D O/Ride | Limit/ Interval | F/ L | | Remain |
| | A STAGE 2 AND STAGE 3 LPT NO RETIREMENT | OZZLE SEGMENT | Performed during Shop Visit at Lufthansa | | Date Days (Calen Hours Days (Calen Hours 7820 7820 7827 7824 7827 7827 7827 7827 7827 7827 | 43469: 185 185 ES | 00 | | First | Completed | |

| Ref No(s) | | Title | | | | f Date | | | | nmei | | |
|---|---|--|------------------------------------|--|--|----------------------------|-------------------------------|--|-----------------------|------------------|---|-------|
| 70-EASA S | second a | nd Third Stage Low Pressure (LP) Turbine Nozzle Segments. | | | 28 | Sep2002 | 72 | Equivalent Mandates: Part / Seria Pos / Zone: | SB-7 | 72-024 156-7E | 6-18-FAA 1-CFM 8 / 874226 110 | |
| Paragraph | | Method Of Compliance | R | vi | Life | Las | | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Ren |
| The installation of stage 2 LP turbine in segments references 338-109-104-0, 3 105-0, 338-109-104-0, 3 105-0, 338-109-104-0, 338-109-206-0, 338-109-305-0, 338-109-306-0 and of 109-305-0, 338-109-306-0 and of 109-305-0, 338-109-302-0 is forbidden | 338-109- 338- 04-0, stage 3 338- | Performed during Shop Visit at Lufthansa | N | Hours Landii 7820 7824 7826 7827 7827 7827 7827 7541 553/6 554/7 552/7 81 Cy 564/7 564/7 5782 7820 7820 7820 7820 7820 7820 7820 7 | (Calendar's ings ings ings ings ings ings ings ing | 28Jur 434 1 | | | | First | Complete | 4 |
| 4 | | | | 5B3/3 | | 1 | | | | - | | 1 |
| Ref No(s) | POWER P | Title LANT - AFT ENGINE MOUNT, CENTER LINK ASSEMBLY INSTALL | ATION INSE | | Eff | Date A | | Mandates: | Comi | | 5 462 R1-BOE | ING |
| | | | | | | | 1 | Part / Serial: Pos / Zone: | 001 | 6-7B / / 410 | 874226 | |
| Paragraph | | Method Of Compliance | R | i | Life | Last Comp | | E/D O/Ride | Limit/ Interval | / L | Next Due | Remai |
| Aft Engine Mount Center Link Assembl Inspection To Verify Correct Installatio | y n | | | | | Supers | eded I | By: AD-2011- | 18-10-FAA On 0 | 7Nov2 | 011 | |
| Ref No(s) 26-01-FAA | DEDI ACE | Title FUEL FILTERS WESTERN FILTER PN WF337661 OR WF337017 | AND DTI | | | Date A | | Part / Serial: | Comi | | 5 874226 | |
| :0-UI-FAA | TECHNOL | OGIES P/N 7575983-101 | ANDPII | | USJa | an2007 | /2 | Pos / Zone: | 001 | /410 | | |
| Paragraph REPLACE FUEL FILTERS WESTERN FILT | | Method Of Compliance PERFORMED DURING SHV (ENGINE REPAIR) AT GATES | R | 1 | ife | Last Comp | | E/D O/Ride | Limit/ Interval | -/ L | Next Due | Remai |
| | | | | 5C4/1 5C4/P 5C3/G 5C4 | B1 YCLES CYCLES CYCLES CYCLES CLES cles cles 3 cles cles 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 3 | 29 | 816 | | | | | |
| Ref No(s) | | Title | | | Ff | f Date | ATA | | Com | ment | S | |
| 08-03-09-FAA | LOW F 0104) | PRESSURE TURBINE REAR FRAME LIFE REDUCTION (EQUIVALENT | TO EASA | AD 200 | | Mar2008 | 72 | Mandates: Part / Serial: Pos / Zone: | SB-72 | -0579-0 | FM 874226 | |
| Paragraph | | Method Of Compliance | R | | Life | Las | | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remai |
| F MANDATORY INSPECTION INTERVA TURBINE REAR FRAME P/N 340-166 205/206/207/ 208/209/210-0 | L FOR | | | | | AFF | ECTED | N/A | BY AME IS NOT INS | TALLE | D. | |
| Ref No(s) | 201/ 200/203/210-0 | | | | | _ | | | ment | | | |
| 09-0009-EASA | Time I | Limits - Low Pressure Turbine Rear Frame - Life Limit / Mandator | Eff Date ATA ndatory Inspection 72 | | Equivalent T Mandates: Part / Serial: Pos / Zone: | o: AD-20 SB-72 SB-72 | 10-01-0 -0558-0 -0579-0 | 05-FAA CFM CFM 874226 | | | | |
| Paragraph | - | Method Of Compliance | R | | Life | Las | | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remai |
| 1 CFM International CFM56-78 turbof equipped with a low pressure turbine (LPT) rear frame part numb 340-166-254-0, 340-166-255-0, 340-166-257-0, 340-167-551-0, 340-177-553-0, 340-177-554-0, 340-177-556-0, 340-177-556-0 | er (P/N) 0-166-25 340-166- 2-0, 340- | 6- | | | AFFECTE | D LPT REA | R FRAI | N/A ME IS NOT INS | A BY TALLED. INSTA | LLED P | N 340-166- | 211-0 |

| Ref No(s) | | Title | | | Eff Date ATA | A | Co | mmer | its | |
|---|--|---|-------------|--|---|---|---------------------------------|---|--|--------|
| AD-2009-0270-EASA | Engine - LPT Ro | otor / Stator Assembly - Replacement | | | 31Dec2009 72 | Mandates: Part / Seria Pos / Zone | al: CF | | /874226 | ē. |
| Paragraph | | Method Of Compliance | R | Life | Last Compl | E/D O/Ride | Limit/ Interval | F/L | Next Due | Remain |
| Engine - LPT Rotor / Stator Assem Replacement CFM56-7B engines, with stage 3 LPT disks 336-002-00 | bly - if equipped 06-0. | | | | AFFECTED | STAGE 3 LPT | N/A BY F DISKS ARE NO | OT INSTA | LLED. | |
| Ref No(s) | | Title | | | Eff Date ATA | A | Co | mmer | nts | |
| AD-2009-11-02-FAA | HPC 4-9 SPOOL | S THAT PROPULSION TECHNOLOGY LLC (PTLLC) IMPRO | PERLY REPA | MRED | 23Jun2009 72 | Part / Seria Pos / Zone | al: CF | M56-7B 1 /4 | / 874226 110 | |
| 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) IMPROREPAIRED / SERIAL NUMBERS LIS | ON PERLY TED IN AD | | | | AFFE | ECTED SPOOL | N/A BY S ARE NOT INS | TALLED. | | 1 |
| Ref No(s) | | Title | | | Eff Date ATA | Al . | Co | mmer | nts | |
| AD-2010-01-05-FAA | LOW PRESSUR PART NUMBER | E TURBINE REAR FRAME LIFE LIMIT / MANDATORY INSPI | ECTION OF (| CERTAIN | 18Feb2010 72 | Equivalent Mandates: Part / Seria Pos / Zone | To: AD SB- SB- sal: CF | -2009-00 -72-0558 -72-0579 M56-7B | 009-EASA 3-CFM 9-CFM 1 / 874226 | |
| Paragraph | | Method Of Compliance | R | Life | Last Compl | E/D O/Ride | Limit/ Interval | F/L | Next Due | Remain |
| F Initial And Repetitive Eddy Currer (ECIs) of Part Number (PN) Low-Turbine Rear Frames: 340-166-225-0; 340-166-236-0; 340-166-236-0; 340-136-236-0; 340-177-552-0; 340-177-555-0; 340-177-555-0; 340-177-555-0; 340-177-55 | Pressure (LP) 4-0; 340-166- 57-0; 340- 77-551-0; 40-177-554- | | | | AFFECTI | ED LPT REAR | N/A BY FRAME IS NOT | INSTALL | .ED. | |
| Ref No(s) | | Title | | | Eff Date ATA | | Con | nment | c | |
| AD-2010-13-09-FAA | STAGE 3 LOW- | PRESSURE TURBINE (LPT) DISKS OF CERTAIN SERIAL NU | MBERS | | 26Jul2010 72 | Mandates: Part / Serial Pos / Zone: | SB-7 | 2-0743-0 | CFM 874226 | |
| Paragraph | | Method Of Compliance | R | Life | Last Compl | E/D O/Ride | Limit/ Interval | F/L | Next Due | Remain |
| STAGE 3 LOW-PRESSURE TURBIN OF CERTAIN SERIAL NUMBERS LIS | E (LPT) DISKS | | | | AFFECTED S | N/ STAGE 3 LPT I | A BY DISKS ARE NOT | INSTALL | LED. | |
| Ref No(s) | | Title | | | Eff Date ATA | | Con | nment | S | |
| AD-2011-18-10-FAA | Aft Engine Mou | int Center Link Assembly Inspection | | | 07Nov2011 71 | Mandates: Supersedes Part / Serial Pos / Zone: | : AD-2 | 2003-03-0 | 874226 | EING |
| 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 assembly of the aft engine moun correctly, in accordance with the Accomplishment instructions of 8 Service Bulletin 737-71A1462, Re | is installed oeing Alert | | | Date Joans John St. Caleriours John St. Caleri | 71539.46 31679 3168 3168 3168 | | | First | | |

| | Ref No(s) | | Title | | | | Eff Date | ATA | | | omn | nent | 5 | |
|---|---|---|--|---|---|---|-----------------------|---------------|---|--|--------------|--------------------|--|------|
| AD-2011-18-10- | AA | Aft Engi | ne Mount Center Link Assembly Inspection | | | | 07Nov2011 | 71 | Mandates Supersed Part / Ser Pos / Zon | les: A | D-200 | 3-03-0 | 462 R3-E 01-FAA 874226 0 | |
| | Paragraph | | Method Of Compliance | | R | Life | | st mpl | E/D O/Ride | Limit e Interv | | / L | Next Due | Rer |
| | | | WC-AD-2011-18-10-H Aft Engine Mount Center Link | | Hou Lan 7822 782 782 782 782 5A1 5C4 5C3 5C4 5B2 782 782 782 782 782 782 782 782 782 78 | s (Caleno dings 0 2 4 6 6 7/B1 7 CYCLES /I CYCLE /P CYCLE /P CYCLES /P /P 7/3 Cycles Cycles (P /P 2/3 2/3 2/3 2/3 6 6 6 7/B1 7 CYCLES /P (P CYCLES /P (P CYCLES /P (P CYCLES /P (P CYCLES /P (P (P CYCLES /P (P (P (P (P (P (P (P (P (P (P (P (P (P | S | | | | | irst | | |
| | | | | | 7B2 5B6 7B2 5B3 | 4/3 /P 7/3B1 /3 | | | | 15 | | | | |
| | Ref No(s) | | Title | | | Ff | Date A | TA | | Con | mer | nts | | |
| AD-2012-0209-E | | Engine - A | Accessory Gearbox (AGB) Hand-Cranking Pad - Modification | | | | | 72 P | art / Serial: os / Zone: | | | / 874 | 1226 | |
| | Paragraph | | Method Of Compliance | R | L | ife | Last Comp | | E/D O/Ride | Limit/ Interval | F/ L | | ext ue | Rema |
| app qua effi an 50 | CFMS6-78 engines to which this liles, not later than during the firs lilfying engine shop-visit beginnin ctive date of this AD, replace the AGB P/N 340-046-508-0 or P/N 34 I-0 in accordance with the instruct M56-7B S/B 72-0564 or CFMS6-7B 19. | t og after the AGB with 0-046- tions of | | | | | , | AD-20 | 20-0261-EA | eded By: ASA On 11Dec SA On 11Dec SA On 11Dec ed 15Jan2015 | 020 | | | |
| | Ref No(s) | | Title | | | Ef | Date A | ΛTΑ | | Con | mer | nts | | |
| AD-2013-26-01-F | AA | Inspection | n of the AGB Handcranking Pad Cover | | | 031 | eb2014 | 72 P. | art / Serial: os / Zone: | CFM 001 | 56-7B / 4 | / 874 10 | 1226 | |
| | Paragraph | | Method Of Compliance | R | L | ife | Last Comp | | E/D D/Ride | Limit/ Interval | F/ L | | ext ue | Rema |
| re- cov ren har (2) req cor | Perform an Independent Inspection installation of the AGB handcrant er after any maintenance that in inval and re-installation of the AG idcranking cover, or Insert an Independent Inspection uired inspection item in the appri tinuous airworthiness maintenan gram for the aircraft | ing pad volves the iB as a oved | | | | | | AD-20 Last | 22-02-03-F | red By: AA On 22Mar2 ed 15Jan2015 | 022 at | | | |
| | Ref No(s) | | Title | | | | Date A | | | Con | | | | |
| AD-2014-0130-E/ | ISA | Time Limi | ts - Engine Stationary Parts - Life Limits / Mandatory Inspections | | | 03) | un2014 | 72 Pa | art / Serial: os / Zone: | 001 | 56-7B / 4 | / 874 10 | 1226 | |
| | Paragraph ntify each life limited stationary p | | Method Of Compliance PERFORMED DURING SHV (ENGINE REPAIR) AT GATES | R | | ife | Last Comp | ol (| E/D D/Ride | Limit/ Interval | F/ L | Ne Di Comp | ue | Rema |
| insi ope cor rec ide hist par | halled on an engine which was pre rated in different engine model figuration. A review of engine ma ords is acceptable to make these stifications, provided that the ope ory of each life limited engine statcan be conclusively determined ew. | eviously iintenance erational ationary | | | Hours Landin 7B20 7B22 7B24 7B26 7B27/E 7B27 5A1 C | CLES | 07Jan2 6604i 29 | | | | First | | | |

| Ref No(s) | | Title | | | Eff Da | te AT | A | Cor | nmer | nts | |
|--|--|---|---|--|--------------------------|-------------------------|--|--|-----------|--------------------------------------|--------|
| AD-2014-0261-EASA | Engine F | uel & Control - Engine Electronic Control - Software Update | | | 18Dec20 | 14 72 | Equivalent Part / Serial Pos / Zone: | : CFN | 156-7B | 1-02-FAA / 874226 | |
| | 4 | | | | | Last | E/D | 001 | | Next | |
| Paragraph Modify the engine by installing standard 7.8.W in the ECC, in a the instructions of CMS-6-78 as applied to the ECC with a unit that contain standard 7.8.W. | cordance with 73-0203 or able or replace | Method Of Compliance wo 01638 | | Date Days (Calen Days (Calen Days (Calen Hours Landings 7820 7822 7824 7826 7827 7827 7827 7827 7827 7827 7827 | C 2 dar) | Last ompl 6Mar201 | O/Ride | Limit/ Interval 17jun201: | F/L | Next Due Completed | Remain |
| Dof No(c) | | Title | | 7B27/3B1 5B3/3 | ree no | +o AT | | 60 | | nto | |
| Ref No(s) AD-2015-0133-EASA | Engine | Title Accessory Gearbox Gearshaft - Inspection / Replacement | | | 22Jul20 | _ | | To: AD- | M56-71 | 8-04-FAA 8 / 874226 410 | |
| Paragraph | | Method Of Compliance | R | Life | | Last Compl | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remair |
| 1 (1) Determine whether an affe AGB gearshaft PN 355-303-00 (intermediate line 7) or 73-tool PN 335-302-092-0 (fuel pump line 6) is installed on the (2) For an engine with an affec gearshaft installed, as determing paragraph (1) of this AD, initial compliance time specified in T. AD. | en AGB gearsha engine. ed AGB ed by y within the | ft | | | | Ac | c Appendix 1 o | I/A BY If this AD affec installed. | ted P/N | | |
| Ref No(s) | | Title | | | Eff Da | te AT | Α | Co | mme | nts | |
| AD-2015-04-02-FAA | Engine | Fuel & Control - Engine Electronic Control - Software Update | | | 31Mar2 | 015 73 | Equivalent Part / Seria Pos / Zone: | il: CF | M56-71 | 261-EASA 3 / 874226 410 | |
| Paragraph | | Method Of Compliance | R | Life | | Last Compl | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remair |
| Ref No(s) | | Title | | | | ite AT | | | mme | | |
| ND-2015-04-02-FAA | Engine I | Fuel & Control - Engine Electronic Control - Software Update | | | 31Mar2 | 015 73 | Equivalent Part / Seria Pos / Zone: | il: CF | M56-71 | 261-EASA 3 / 874226 410 | |
| Paragraph | , | Method Of Compliance | R | Life | | Last Compl | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remair |
| E Modify the engine by installing standard 7.8. W in the EEC, in a the instructions of CFM56-78 S CFM56-78 S GPM56-78 S A 3-20-40, as apply the EEC with a unit that contains standard 7.8. W. | cordance with 73-0203 or cable or replac | | N | Date Days (Cale: Hours Landings 7820 7822 7824 7826 7827/81 7827 5A1 CYCLE 5C4/1 CYCLE 5C4/1 CYCLE 5C4/2 CYCLE 5C4 | ndar) S LES LES | (6Mar20) | .5 | E/D+18 | First 0 0 | Completed | |

| | | Ref No(s) | | Title | | | Eff I | ate A | ГА | | omme | nts | |
|-----|------------|--|---|--|--------|-------------|----------|---------------|--|------------------------|--------------|------------------------------------|--------|
| AD | -2015-18-0 | 04-FAA | CFM Inte gearshaf | rnational S.A. (CFM) CFM56-7B and CFM56-3 engines with a 73-too ft installed in the accessory gearbox (AGB) | oth or | 41-tooth | 200c | 2015 7 | Part / Se Pos / Zo | erial: | FM56-7 | 0133-EASA B / 874226 410 | |
| Ī | | Paragraph | | Method Of Compliance | R | Life | 2 | Last | E/D O/Ric | | | Next Due | Remain |
| | E1 | Initial AGB/Transfer Gearbox (TGE Chip Detector (MCD) Inspection a |)/Magnetic nd Analysis | | | | | AFFT | ECTED AGB | N/A BY GEARBOX NO | T INSTAL | LED | |
| | E2 | Repetitive AGB/TGB MCD Inspecti Analysis | | | | | | | | N/A BY GEARBOX NO | | | |
| | F | Mandatory Terminating Action (1) Remove the affected 73-tooth prior to the gearshaft accumulati since new or within 50 FHs after t date of this AD, whichever comes (2) Remove the affected 41-tooth prior to the gearshaft accumulati since new or within 50 FHs after t date of this AD, whichever comes | ng 6,000 FHs he effective later. gearshaft ng 9,000 FHs he effective | | | | | AFFT | ECTED AGB | N/A BY № GEARBOX NO | T INSTAL | LED | |
| | | Ref No(s) | | Title | | | Eff I | ate A | ГА | (| omme | nts | |
| AD | -2018-007 | I-EASA | CFM INTI | ERNATIONAL S.A.CFM56-7B engines - Fan Blades - Inspection | | | 02Apr | 2018 7 | Pos / Zo | | FM56-7 | B / 874226 410 | |
| | | Paragraph | | Method Of Compliance | R | Life | e | Last Comp | E/D O/Ric | Limit le Interv | | Next Due | Remain |
| | 3 | Accomplish an ultrasonic inspecti affected fan blade in accordance instructions of the CFM56-7B SB N | on of each with the lo. 72-1024. | | | | | Supersed | ed By: EAD-2 | 018-0093-E-EA | SA On 20 |)Apr2018 | |
| | | Ref No(s) | | Title | | | Eff Da | te ATA | | Co | mmen | ts | |
| ΑD | 2018-0109 | 9-EASA | ATA 72 - E | Engine - Fan Blades - Inspection | | | 18May2 | 018 72 | Supersede Part / Seria Pos / Zone | al: CFI | 456-7B | 093-E-EASA 1 874226 0 | |
| | | Paragraph | • | Method Of Compliance | R | Life | | Last Compl | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain |
| | - | Accomplish an ultrasonic inspectio affected fan blade in accordance w instructions of the CFM56-7B Servi (S/B) 72-1033. | n of each ith the ce Bulletin | | | | : | Supersede | d By: AD-201 | 8-0211-EASA (| n 050ct | 2018 | |
| | | Ref No(s) | | Title | | | Eff Da | | 1 | | mmen | | |
| AD- | -2018-021 | 1-EASA | Engine - F | an Blades - Inspection | | | 05Oct20 | 018 72 | Supersede Part / Seria Pos / Zone | al: CFI | | 874226 | |
| | | Paragraph | | Method Of Compliance | R | Life | | Last Compl | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain |
| | - | Accomplish an ultrasonic inspectio affected fan blade in accordance w instructions of the CFM56-7B Servi (S/B) 72-1033. | ith the | | | | ; | Supersede | d By: AD-201 | 9-0018-EASA (| n 13Feb | 2019 | |
| | | Ref No(s) | | Title | | | Eff Da | te ATA | l . | Co | mmen | ts | |
| AD | 2018-09-1 | LO-FAA | CFM Inter | national S.A. (CFM) CFM56-7B Engine Models. Turbine Engine Comp | resso | r Section. | 14May2 | 018 72-3 | Part / Seria Pos / Zone | al: CFI : 001 | / 41 / 41 | 874226 0 | |
| | | Paragraph | | Method Of Compliance | R | Life | | Last Compl | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain |
| | - | Accomplish an ultrasonic inspectio affected fan blade in accordance w instructions of the CFM56-7B Servi (S/B) 72-1033. | ith the | | | | | Supersede | ed By: AD-20 | 18-10-11-FAA C | n 01Jun2 | 018 | |
| | | Ref No(s) | | Title | | | | ate AT/ | A | | mmen | | |
| AD | -2018-09- | 51-FAA | Ultrasoni | c inspection for cracks of the fan blade dovetail. | | | 20Apr2 | 018 72 | Part / Seri Pos / Zone | al: CF e: 00: | M56-7B | / 874226 10 | |
| | | 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 a one-time ultrasonic inspection (I fan blade dovetail concave and co detect cracking. Use the Accomplishment Instruction paragraphs 3.A. (3)(a) through (i), CFM56-78 S/B 72-1033, dated Apr to perform the inspection requirec paragraph (g)(1) of this AD. | JSI) of all 24 nvex sides to ons, of CFM SB il 20, 2018, | | | EN | GINE HAI |) ACCUMU | N/A BY LATED LESS THAN 30 000 CSN AS OF AD ISSUE DATE | | | | DATE |
| | | Ref No(s) | | Title | | | Eff Da | ate AT | | | | | |
| AD | -2018-10-1 | 11-FAA | CFM Inter | rnational S.A. (CFM) CFM56-7B Engine Models. Turbine Engine Comp | oresso | or Section. | 01Jun2 | 018 72 | Supersedes: AD-2018-09-10-FAA Part / Serial: CFM56-7B / 874226 Pos / Zone: 001 / 410 | | | | |
| | | Paragraph | | Method Of Compliance | R | Life | | Last Compl | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain |
| | G1 | Perform an ultrasonic inspection (current inspection (ECI) of the con convex sides of the fan blade dov Service Bulletin (SB) CFM56-7B S/ Revision 01, dated May 9, 2018. | cave and stail iaw CFM | | | | | Supersed | ed By: AD-20 | 18-18-01-FAA (| n 160ct | 2018 | |

| Paragraph lish an ultrasonic inspection I fan blade in accordance wi ions of the CFM56-7B Service 1033 R2. | | an Blades - Inspection | | | 160ct2018 | 72 | Supersedes: | AD-2 | 018-10 |)-11-FAA | |
|--|----------------------|---|--|---|---|--|---|--|--------------------------------------|--|--|
| lish an ultrasonic inspection I fan blade in accordance wi ions of the CFM56-7B Servic -1033 R2. | of each | | | | | | Part / Serial: Pos / Zone: | 001 | / 4 | / 874226 10 | |
| I fan blade in accordance wi ions of the CFM56-7B Servic -1033 R2. | of each | Method Of Compliance | R | Life | La Coi | | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain |
| E N - / - \ | ith the | | | | Sup | ersede | d By: AD-2018 | -26-01-FAA Or | n 10jan | 2019 | |
| f No(s) | | Title | | | Eff Date | ATA | | Con | nmen | its | |
| | Engine - F | an Blades - Inspection | | | 10Jan2019 | 72-30 | Equivalent To Mandates: Supersedes: Part / Serial: Pos / Zone: | SB-7 AD-2 | 2-1033 018-18 56-7B | 8-01-FAA / 874226 | |
| Paragraph | | Method Of Compliance | R | Life | La Cor | | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain |
| f No(s) | | Title | | | Eff Date | ATA | 2 | Con | nmer | nts | |
| | Engine - | Fan Blades - Inspection | | | 10Jan2019 | | Equivalent T Mandates: Supersedes: Part / Serial: Pos / Zone; | SB-7 AD-2 | 2-1033 2018-18 156-78 | 8-01-FAA / 874226 | |
| Paragraph | | Method Of Compliance | R | Life | | st npl | E/D O/Ride | Limit/ Interval | F/L | Next Due | Remain |
| n an ultrasonic inspection (E) of the com- inspection (EC) of the com- sides of the fan blade dove 78 S/B 72-1033 Rev3. | cave and tail law SB | W-AD-2019-0018 FAN BLADES LUTRASONIC INSP PERFORMED DURING SHV (ENGINE REPAIR) IN GATES | | Date Days (Cale Hours Landlings 7822 7822 7824 7826 7827 7827 7827 7827 7827 7827 7827 | endar) 66 | | | | nmen | | |
| | Engine - I | an Blades - Inspection | | | 10Jan2019 | 72-30 | Equivalent T Mandates: Supersedes: Part / Serial: Pos / Zone: | SB-7 AD-2 | 2-1033 018-18 5 6-7B | -CFM 3-01-FAA / 874226 | |
| Paragraph | | Method Of Compliance | R | Life | | | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remair |
| | | W-AD-2019-0018 FAN BLADES ULTRASONIC INSP | | Days (Cale Hours Landings 7820 7822 7824 7824 7826 7827/81 7827/81 7827/81 7827/81 81 Cycles 584/P CYC 583/P CYC 583/P CYC 583/P CYC 582/P CYC 582/P CYC 583/P CYC 583/P CYC 583/P CYC 7820/3 7820/3 7826/3 7826/3 7827/381 | 73 73 | 8961 408:044 408:04 408:04 408:04 408:04 408:04 408:04 408:04 408:04 408:04 608:00 608 | | 1600 | First | 310ct2024 | 145 |
| f | | Engine - f | Engine - Fan Blades - Inspection Paragraph Method Of Compliance W-AD-2019-0018 | Engine - Fan Blades - Inspection Paragraph Method Of Compliance R W-AD-2019-0018 FAN BLADES ULTRASONIC INSP | Paragraph Method Of Compliance R Life | Paragraph Method Of Compliance R Life La Cor | Paragraph Method Of Compliance R Life Last Compliance Life Last Compliance R Life Last Compliance Y Date 270ct2023 Days (Calendar) Hospital Hospital | Paragraph Method Of Compliance R Life Last Compliance Compliance Total Paragraph Method Of Compliance Total Paragraph Method Of Compliance R Life Last Compliance Compliance Total Paragraph Tot | No(s) Title Eff Date ATA Con | Engine - Fan Blades - Inspection Engine - Fan Blades - Inspection 10jan2019 72-30 Equivalent To: AD-2019-018 AD-2019 | Engine - Fan Blades - Inspection Engine - Fan Blades - Inspection 10]an2019 72-30 Equivalent To: Mandates: Mandates: Part Serial: Post / Zone: Onl / 410 74-30 7 |

| Ref No(s) AD-2018-26-01-FAA | Engine - | Title Fan Blades - Inspection | | | Date ATA an2019 72-30 | Equivalent 1 Mandates: Supersedes Part / Serial: Pos / Zone: | o: AD-2 SB-7 AD-2 | 019-0018- 2-1033-CF 018-18-01 56-7B / 8 / 410 | -EASA -M 1-FAA 174226 | |
|--|---|--|---|---|---|--|-------------------------|---|--------------------------------|--------|
| Paragraph H Installation Prohibition: Do not install any replacement unless it meets one of the follor (1). The replacement fan blade (2) The replacement fan blade (2). The replacement fan blade (1) inspected, per paragraph (9)) within the last 1,600 cycles before the property of the property of the property of the paragraph (9). The property of t | as fewer than as been of this AD, | Method Of Compliance | | Life Date Days (Calendar) Houdings 1820 1820 1820 1822 1824 1824 1826 1827 1827 1827 1827 1827 1827 1827 1827 | Last Compl | E/D O/Ride | Limit/ Interval | | Next Due | Remain |
| 0,200 | | | | 7B27/3B1 5B3/3 | | | | | | |
| Ref No(s) AD-2019-0018-EASA | ATA 70 | Title | | | Date ATA | Equivalent | | nments | | |
| AD-2013-0010-EASA | AIA 72 | Engine - Fan Blades - Inspection | | 13 | -602013 72 | Mandates: Supersedes Part / Serial Pos / Zone: | SB-7 | 72-1033-CI 2018-0211 156-7B / 8 | FM L-EASA 874226 | |
| Paragraph | | Method Of Compliance | R | Life | Last Compl | E/D O/Ride | Limit/ Interval | | Next Due | Remain |
| Accomplish an ultrasonic inspendinced fan blade in accordan instructions of the CFM56-78.S (S/B) 72-1033. | e with the | W-AD-2019-018 FAN BLADES ULTRASONIC INSP FERFORMED DURING SHV (ENGINE REPAIR) IN GATES | | Date Days (Calendar Hours Hours 1820 1820 1821 1824 1826 1827 1827 1827 1827 1827 1827 1827 1827 | 07Jan202C 66046:00 29816 | | Eff+1600 | | pmpleted | |
| Ref No(s) AD-2019-0018-EASA | ATA 72 | Title Engine - Fan Blades - Inspection | | | Date ATA eb2019 72 | Equivalent 1 | | nments 2018-26-0 | | |
| 1017 VOID DISSI | | Engine (un place) inspection | | | | Mandates: Supersedes Part / Serial Pos / Zone: | SB-7 | 2-1033-CF 2018-0211 156-7B / 8 | FM -EASA 374226 | |
| Paragraph | | Method Of Compliance | R | Life | Last Compl | E/D O/Ride | Limit/ Interval | | Next Due | Remain |
| | | W-AD-2019-0018 FAN BLADES ULTRASONIC INSP | | Date Days (Calendar) Hours Hours 1820 7820 7820 7822 7824 7824 7827 7827 7827 7827 7827 | 270±2023 73408:04 32513 32513 5025 5025 5025 5025 5025 5025 5025 502 | | 1600 | | 34113 | 145 |

| | Ref No(s) | | Title | | | Eff Da | | Α | | Comm | | |
|-------|---|--|---|-----------|--|---------------------|---------|---|----------------------|------------------------------------|--|--------|
| AD-20 | 19-0018-EASA | ATA 72 - | Engine - Fan Blades - Inspection | | | 13Feb20 | 19 7 | 2 Equivaler Mandate Supersec Part / Ser Pos / Zor | s: les: rial: | SB-72-1 AD-2018 | 3-26-01-FA 033-CFM 3-0211-EAS -7B / 8742 / 410 | A |
| | Paragraph | | Method Of Compliance | R | Life | | Last | E/D | Limit | | L Nex | |
| - | 7 Part installation: | _ | 1,000,00 25 200,000,000 | V | Date | Ċ | ompl | O/Rid | e Interv | di | Du | e |
| | Part installation: (2) From the effective date of this At allowed to Install (see Note 2 of this affected fan blade on an engine, po a serviceable fan blade, as defined in | AD) an vided it is | | * | Days (Cale Hours Landings 7822 7822 7824 7826 7827/81 7827 5A1 CYCLE 5C4/1 CYC 5C4/P CYC 5C3/G 5C4 5C3/G 5C4 5C3/G 5C4 5C3/G 5C4 5C3/G 5C4 5C3/G 5C4 5C3/G 5C4 5C3/G 5C4 5C3/G 5C4 5C3/G 5C4 5C3/G 5C4 5C3/G 5C4 5C3/G 5C4 5C3/G 5C4 5C3/G 5C4 5C3/G 5C4 5C3/G 5C4 5C3/G 5C4 5C3/G 5C4 5C4 5C4 5C4 5C4 5C4 5C4 5C4 5C4 5C4 | S LES LES | | | | h | rst | |
| Ш | | | | Ш | 5B6/P 7B27/3B1 5B3/3 | | | | | | | |
| 14- | 0.64.6 | | | A Des | | " | | | 412 | | - | |
| AD-20 | Ref No(s) 19-0146-EASA | ATA 72 - 0 | Title Engine - Rotating Air High Pressure Turbine Front Seal - Replacement | | | ff Date 8lun2019 | 72-50 | Equivalent T | | nmen | -05-FAA | |
| AD-20 | 19-0140-EASA | AIA /2 - 1 | nigine - Rodaung Air nigh Pressure Turbine Front Seat - Replacement | | | ojunzo19 | 72-30 | Part / Serial: Pos / Zone: | AD-2 | 021-16 | -08-FAA 02 / GWN0 | G9LG |
| | Paragraph | | Method Of Compliance | R | Life | La: Con | | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain |
| T | Replace the affected part with a servi part in accordance with the instructio applicable S/B. | ceable ns of the | | T | | | | By: AD-2019 | | n 05Jul2 | | |
| | Ref No(s) | | Title | | E | ff Date | ATA | | Cor | nmen | ts | |
| AD-20 | 19-0150-EASA | ATA 72 - E | ngine - Rotating Air High Pressure Turbine Front Seal - Replacemen | t | | 05Jul2019 | 72-50 | Equivalent T Supersedes: Part / Serial: Pos / Zone: | AD-2 | 021-16 | -05-FAA -08-FAA 46-EASA 02 / GWN0 | G9LG |
| | Paragraph | | Method Of Compliance | R | Life | La: Con | | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain |
| | Replace the affected part with a servi part, as defined in this AD, iaw the ins of the applicable S/B 72-1042. Rotating air HPT front seals, having P, 1795M36P01 or P/N 1795M36P02, and a S/N as identified in Appx 1 (PN 1795M36P02). From the eff, date of this AD, do not it | structions (N d having 5M36P01) | | | | Supe | erseded | l By: AD-2020 | -0007-EASA O | n 29Jani | 2020 | |
| | (see Note 1 of this AD) an affected pa engine, unless it is a serviceable part, defined in this AD. | rt on any | | | | Supe | erseded | By: AD-2020 | -0007-EASA O | n 29Jani | 2020 | |
| | Ref No(s) | | Title | | E | ff Date | ATA | | Cor | nmen | ts | |
| AD-20 | 19-12-05-FAA | Engine - 1 | 'urbine Section - Rotating Air High Pressure Turbine Front Seal - Rep | lacem | ent | 05Jul2019 | 72-50 | Equivalent T Part / Serial: Pos / Zone: | AD- | 2019-01 2020-00 6M20P | 46-EASA 50-EASA 07-EASA 02 / GWN0 |)G9LG |
| | Paragraph | ow () | Method Of Compliance | R | Life | La Cor | npl | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain |
| _L | G1 Replace of the affected rotating air H seal with a part eligible for installation | n. | | \coprod | | | AD | Repla -2021-16-08-F | AA On 28Sep | 2021 | | |
| | Ref No(s) | | Title | | | ff Date | | | | nmen | | |
| AD-20 | 20-0007-EASA | ATA 72 - I | Engine - Rotating Air High Pressure Turbine Front Seal - Replacemen | t | | 29Jan2020 | 72 | Equivalent T Supersedes: Part / Serial: Pos / Zone: | AD- | 2021-16 2019-01 6M20P | -05-FAA -08-FAA 50-EASA 02 / GWN 0 |)G9LG |
| | Paragraph | | Method Of Compliance | R | Life | La Cor | | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain |
| | 1 For Group 1 engines: Within the comp time as defined in Table 1 of this AD, applicable, but without exceeding the applicable light limit as specified in Ch of the applicable Engine Shop Manual the affected part with a serviceable p defined in this AD, in accordance with instructions of the applicable S/B. | as apter 05 l, replace art, as | | | | сомро | NENT I | N/A NOT IDENTIFIE | A BY D IN APPENDI | X 2 OF 1 | THIS AD. | |

| AD-2020-000 | Ref No(s) | | Title | | | Eff | Date | ATA | | Cor | mme | nts | |
|-------------------------------------|---|--|--|----|--|----------|--------------------------------|-------------|---|---|---|---|-------|
| 2020-000 | 07-EASA | ATA 72 - I | Engine - Rotating Air High Pressure Turbine Front Seal - Replaceme | nt | | 29Ja | an2020 | 72 | Equivalent T Supersedes: Part / Serial: Pos / Zone: | AD- | 2021-1 2019-0 I 6M20 | 2-05-FAA 6-08-FAA 150-EASA P02 / GWN 0 410 | OG9LG |
| | Paragraph | | Method Of Compliance | R | Life | | Las Com | | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Rema |
| 5 | For Group 1 and Group 2 engines: Fr 2019 [the effective date of EASA AD 2019-0150], do not install (see No this AD) an affected part on any engi | ote 1 of | | Y | Date Days (Calen Hours 7820 7824 7824 7824 7826 7827 7827 5A1 CYCLES 5C41 CYCL 5C4P CY | ES ES | | | | | First | | |
| | D (11 /) | | 711 | _ | | | s . I | | | | _ | <u>. </u> | |
| D-2020-004 | Ref No(s) | Engine - | Title High-Pressure Turbine Inner Stationary Seal - Inspection | | | ΕĦ | Date / | 72 | Part / Serial: | | nme | nts 3 / 874226 | |
| J-2020-004 | +4-CA3A | Engine - i | nign-Pressure Turbine Inner Stationary Seal - Inspection | _ | | | | | Pos / Zone: | 001 | | 410 | |
| | Paragraph During the next engine shop visit aft | | Method Of Compliance | R | Life | | Las Com | | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Rema |
| - | | and the second | | _ | | | | | | | | • | • |
| | effective date of this AD, inspect the affected seal in accordan the instructions of the applicable SB. | | | | | | P/N | N 180 | N// 8M56G01 ; S/I | A BY N ALFKK680 II | NSTALL | ED | |
| | effective date of this AD, inspect the affected seal in accordan the instructions of the applicable SB. Ref No(s) | | Title | | | _ | Date | _ | | N ALFKK680 II | nme | nts | |
| 0-2020-026 evision: 1 / 0 | effective date of this AD, inspect the affected seal in accordant the instructions of the applicable SB. Ref No(s) 61-EASA | ice with | Title Engine - Accessory Gearbox - Modification | | | _ | | _ | | COI | nme | | |
| 0-2020-026 evision: 1 / 0 | effective date of this AD, inspect the affected seal in accordant the instructions of the applicable SB. Ref No(s) 61-EASA | ice with | | R | Life | _ | Date | ATA 72 | Supersedes: Part / Serial: | COI | nme | nts 209-EASA 3 / 874226 | Rema |
| 2 | effective date of this AD, inspect the affected seal in accordant the instructions of the applicable SB. Ref No(s) 61-EASA 77 Jun 2022 Paragraph For Group 1 CFM56-78 engines: Not during the first qualifying engine sho beginning after 22 October 2012 (the date of EASA AD 2012-2099), and in not later than 31 December 2024, reach affected AGB with a serviceable accordance with the instructions of tapplicable S/B. | later than p-visit e effective any case place e AGB in he | Engine - Accessory Gearbox - Modification | R | Life | _ | Date / ec2020 Las Com | ATA 72 t pl | Supersedes: Part / Serial: Pos / Zone: | Cor AD- CFN 001 Limit/ Interval | mmer 2012-0 456-78 / 4 | nts 209-EASA 8 / 874226 410 Next Due | Rema |
| 2 3 | effective date of this AD, inspect the affected seal in accordant the instructions of the applicable SB. Ref No(s) 61-EASA 77 Jun 2022 Paragraph For Group 1 CFM55-78 engines: Not during the first qualifying engine sho beginning after 22 October 2012 [th date of EASA AD 2012-2029], and in not later than 31 December 2024, reach affected AGB with a serviceable accordance with the instructions of tapplicable SfB. Modification and reidentification of a AGB into a serviceable AGB with a serviceable accordance with the instructions, is acceptable mean to comply with the requirements of paragraph (1) or (2) AD, as applicable, for that AGB. | ATA 72 - ATA 72 | Engine - Accessory Gearbox - Modification | R | Life | _ | Las Com | T2 t pl | Supersedes: Part / Serial: Pos / Zone: E/D O/Ride By: AD-2020-0 | Con AD- CFN 001 Limit/ Interval | mmer 2012-0 456-7E / 4 F/ L | 209-EASA / 874226 410 Next Due | Rem |
| | effective date of this AD, inspect the affected seal in accordanthe instructions of the applicable SB. Ref No(s) 51-EASA 77 Jun 2022 Paragraph For Group 1 CFM 56-7B engines: Not during the first qualifying engine sho beginning after 22 October 2012 (the date of EASA AD 2012-2029), and in not later than 3.1 December 2024, reaccordance with the instructions of tapplicable S/B. Modification and reidentification of a AGB into a serviceable AGB, in accordance with the process of the AGB in the AGB into a serviceable CFM instructions, is acceptable mean to comply with the requirements of paragraph (1) or (2) | later than p-visit effective effective effective places places are placed and the effective of this er 2012 and pplicable, s the steel effective the effective than t | Engine - Accessory Gearbox - Modification | R | Life | _ | Lass Com Superse | T2 t pl | Supersedes: Supersedes: Part / Serial: Pos / Zone: E/D O/Ride By: AD-2020-0- ast Accomplish | Col AD- CFF | F/ L On 110 | 209-EASA / 874226 110 Next Due | Rem |

| Ref No(s) | | Title | | | Eff Date | ATA | 2 | Cor | nmen | ts | | | |
|---|---|--|---|--|----------|------------|---------------|--------------------|--|-------------|--------|--|--|
| AD-2020-0261R1-EASA Revision: 1 / 07Jun2022 | ATA 72 - Engine - | 2 - Engine - Accessory Gearbox - Modification 11Dec2020 72 Supersedes: Part / Serial: Pos / Zone: | | | | | | | AD-2020-0261-EASA Serial: CFM56-7B / 874226 | | | | |
| Paragraph | | Method Of Compliance | R | Life | | nst mpl | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain | | |
| during the first qualifying eng beginning after 22 October 24 date of EASA AD 2012-2099), not later than 31 December 2 each affected AGB with a sen accordance with the instruction applicable S76. | ine shop-visit 112 (the effective and in any case 024, replace icicable AGB in nor of the | | | Date Hours Landings (Caler Hours T820 1824 7824 7824 7827 81 7827 81 7827 81 7827 81 7827 81 7827 81 7827 82 7827 82 7827 81 7827 81 7827 81 7827 81 7827 82 7 | idar) | an2015 | | | First | | | | |
| Modification and reidentificat AGB into a serviceable AGB, with applicable CFM instruct acceptable mean to comply w requirements of paragraph (1 AD, as applicable, for that AG | n accordance ons, is an with the) or (2) of this | | | | | | | A BY SROUP 1 | | | | | |

| Ref No(s) | | Title | | 7. V | Eff Date | ATA | | | nmen | V/V | |
|---|---|----------------------------------|---|--|------------|-----|--|--------------------|------------------|---|--------|
| 0-0261R1-EASA 1 / 07Jun2022 | ATA 72 - Engine - | Accessory Gearbox - Modification | | | 11Dec2020 | 72 | Supersedes Part / Serial Pos / Zone: | AD-2 | 020-02 156-7B | 09-EASA 61-EASA / 874226 10 | |
| Paragraph | | Method Of Compliance | R | Life | Las Com | | E/D O/Ride | Limit/ Interval | F/L | Next Due | Remain |
| 4. For Group 1 engines: From 22 Octobe the effective date of EASA AD 2012. until the engine is modified as required as required to the engine of the engi | 0209] and ed by plicable, s the 8 hand- ight safety bendent of the | | | | | | | A BY ROUP 1 | | | |
| 5 Do not install an affected AGB on an as required by paragraph (5.1) and (AD | y engine 5.2) of this | | | Date Days (Calence Hours Hours 1827 1827 1827 1827 1827 1827 1827 1827 | S | | | | First | | |

| Ref No(s) | 10 | Title | | Title Eff Inspection of the engine bleed air 5th stage check valves 26AI | | | | | mmei | | |
|--|---|--|----------|--|-----------------|--|--|-------------------------------|---------------------------|--|-----------------|
| D-2020-16-51-FAA | Inspection of | the engine bleed air 5th stage check valves | | | 26Aug | 2020 36 | Equivalent Part / Seria Pos / Zone | d: CF | M56-7E | 16-51-FAA 1 / 87422 6 110 | 9 |
| Paragraph | | Method Of Compliance | R | Life | | Last Compl | E/D O/Ride | Limit/ Interva | F/L | Next Due | Remai |
| H Perform inspection of the enging stage check valves according to the stage check valves according to | ne bleed air Sth. W- Arara H (1) & (2). Sth | 2020-16-51 Stg Bleed Air Valve Insp | ¥ | Date Days (Cale Hours Landings 7822 7824 7827 7827 7827 7827 7827 7827 | S LES LES | 10Jan202 872 71742:1 3178 815 509 | 3 9 3 1 0 0 0 0 0 0 0 0 | | First | | |
| | | | - 4 | Works Orde | er | 00857 | 7 | | | | |
| Ref No(s) | | Title | | , y | | ate ATA | | | mmen | | |
| D-2021-10-09-FAA | Engine - High | -Pressure Turbine Inner Stationary Seal - Inspection | | | 24Jun2 | 021 72 | Part / Serial Pos / Zone: | : CF1 | | / 874226 10 | |
| 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 a date of this AD, remove the aff stationary seal and replace wit stationary seal law CFM56-78 1. | ected HPT inner h a HPT inner | | | | | AE | Repla 0-2023-05-05-1 | aced By: FAA On 10May | 2023 | | |
| Ref No(s) | | Title | | | Eff D | ate ATA | | Coi | nmen | ts | |
| Paragraph | | Method Of Compliance | R | Life | | Last | Part / Serial Pos / Zone: E/D | AD-2019-12-05 : 211 001 | 2020-00 -FAA -6M20P | Next | 0G9LG Remain |
| G1 Replace of the affected rotation | g air HPT front | | - | | | Compl | O/Ride | Interval A BY | | Due | 1000000 |
| seal with a part eligible for inst | allation. | Title | _ | | Eff D | ate ATA | | AFFECTED. | nmen | te | |
| 0-2022-02-03-FAA | JOINT AIRCRA DRIVE | FT SYSTEM COMPONENT (JASC) CODE 7260, TURBINE ENG | NE ACCE | SSORY | 22Mar2 | 2000 | | D-2013-26-01 | -FAA 456-7B | / 874226 | |
| Paragraph | | Method Of Compliance | R | Life | | Last Compl | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain |
| Ref No(s) | | Title | | | Eff D | ate ATA | | Cor | nmen | ts | |
| D-2022-02-03-FAA | JOINT AIRCRA DRIVE | FT SYSTEM COMPONENT (JASC) CODE 7260, TURBINE ENG | NE ACCES | SSORY | 22Mar2 | 022 72 | Replaces: A Part / Serial Pos / Zone: | D-2013-26-01 CFI 001 | 456-7B | / 874226 10 | |
| 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 timitenance that involves rem installation of the AGB handcre cover, perform an independent verify re-installation of the AGB pad cover, or next removal of (2) Prior to next removal of (3) Prior to next removal of (4) Prior to next removal of (5) Prior to next removal of (6) Prior to next removal or | oval and re- nking pad inspection to handcranking the AGB he engine, on required by a required approved | | | Date Days (Calenthours Days (Calenthours 7820 7824 7824 7824 7824 7826 7827 7841 CYCLE 5C4/P CYCL 5C3/IC 5C4/P CYCL 5C4/P 5C4/ | S ES ES | | | | First | | |

| Ref No(s) | | Title | | | Eff C | ate AT | A | Cor | nmen | ts | |
|--|---|---|-----------------|---|-----------------|---------------|---|-------------------------------|---------------|-----------------------|--------|
| AD-2022-02-03-FAA | JOINT AIR DRIVE | CRAFT SYSTEM COMPONENT (JASC) CODE 7260, TURBINE ENGINE A | CCE | SSORY | 22Mar | 2022 72 | Part / Serial | AD-2013-26-01 : CFM | 156-7B | / 874226 | |
| | | | | | | | Pos / Zone: | 001 | / 4: | | |
| Paragraph | | Method Of Compliance | R | Life | | Last Compl | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain |
| H For affected CFMS6-7B model turbol engines, except for CFMS6-7B27A, C 7827A/3 and CFMS6-7B27AE model engines, at the next engine shop vis before December 31, 2024, whichev first after the effective date of this A the affected AGB with a part eligible installation. | turbofan it, or er occurs D, replace | | | Date Days (Cale Hours Landings 7820 7827 7824 7827 7827 7827 7827 7827 7827 | S LES LES | | | 31Dec2024 |) First | 31Dec2024 | 362 |
| Ref No(s) | | Title | | | Eff C | ate AT | A | Cor | nmen | ts | |
| AD-2023-05-05-FAA | ENGINE - | HIGH PRESSURE TURBINE INNER STATIONARY SEAL - REPLACEMENT | | | 10May | 2023 72 | Replaces: A Part / Serial Pos / Zone: | AD-2021-10-09 : CFN 001 | 156-7B | / 874226 10 | |
| 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 date of this AD, remove the affected innerstationary seal and replace with inner stationary seal that is eligible installation law CFM56-7B S/B 72-10! | HPT an HPT or | | | | | • | N/ | /A BY /N ALFKK680 IN | ISTALLE | | |
| Ref No(s) | | Title | | | Eff D | | | | nmen | | |
| AD-97-09-02-FAA | HIGH PRE | SSURE TURBINE ROTOR (HPTR) FRONT SHAFTS. | | | 140ct | 2004 72 | Part / Serial Pos / Zone: | : CFM 001 | 156-7B / 4 | / 874226 10 | |
| Paragraph | | Method Of Compliance | R | Life | | Last Compl | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain |
| - APPLICABLE ONLY TO CFM56-5C ENG | INES. | | | | | AFF | CTED COMPO | A BY NENT NOT INS | TALLED | | |
| Ref No(s) | | Title | | | | ate AT | | | nmen | | |
| AD-98-10-11-FAA | INFLIGHT | ENGINES SHUTDOWN. | | | 03Jun | 1998 72 | Supersedes Part / Serial Pos / Zone: | : AD- : CFM 001 | | / 874226 | |
| 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, 3 SC ENGINES. Inspect Engine Gearbox for Gearbox | | | $\lceil \rceil$ | | | | N/A EQUIPMEN | T NOT INSTALL | .ED | | |
| Ref No(s) | | Title | _ | | Eff C | ate AT | A | Cor | nmen | ts | |
| AD-98-14-51-FAA | Acessory EASA 199 | Gearbox/Transfer GearBox Check to Prevent Dual Engine Shutdown 8-259R1) | (Eq | uivalent to | 010ct | 1998 71 | Part / Serial Pos / Zone: | : CFM 001 | 156-7B / 4 | / 874226 10 | |
| Paragraph | | Method Of Compliance | R | Life | | Last Compl | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain |
| Remove from service starter gearsh: number (P/N) 340-055-202-0, and re a serviceable part not identified by S Table 1 of CFMI CFM56-7B SB No. 72 | place with /N in | | | | | IN | N/ ISTALLED AGB | /A BY SN NOT AFFEC | TED | | |
| Ref No(s) | | Title | | | Eff C | | | | nmen | | |
| AD-98-18-51-FAA | Engine Ef | C Fault Messages Inspection and Replacement | | | 28Aug | 1998 72 | Part / Serial Pos / Zone: | : CFM 001 | 156-7B / 4 | / 874226 10 | |
| Paragraph | | Method Of Compliance | R | Life | | Last Compl | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain |
| Engine EEC Fault Messages Inspection Replacement | on and | | | | | Superse | led By: AD-98- | 21-23-FAA On | 02Nov1 | 998 | |
| Ref No(s) | | Title | | | | ate AT | | | nmen | | |
| AD-98-19-20-FAA | Repetitive EASA 199 | e Inspections of Certain Hydromechanical Unit (HMU) Overspeed (Eq 8-162R1) | uiva | alent to | 07Oct | 1998 72 | Part / Serial Pos / Zone: | : CFM 001 | | / 874226 10 | |
| 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) Oversp | eed | | Ц | | | | AFFECTED P/N | A BY I NOT INSTALLI | ED | | |

| Ref No(s) | | Title | | | Eff Date | ATA | | Cor | nmen | ts | |
|--|-------------------------|--|----------|--------|-----------|-----------|---|-----------------------|---|-------------------------|--------|
| AD-98-21-23-FAA | | essages Inspection to Prevent Uncommanded Engine Acceleral ne Shutdown. | tion Eve | nt, or | 02Nov1998 | 72 | Mandates: Supersedes Part / Serial Pos / Zone: | : AD-9 | 3-0024- 98-18-51 1 56-7B / 41 | -FAA / 874226 | |
| Paragraph | | Method Of Compliance | R | Life | Las | 3.3 YILLI | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain |
| EEC Fault Messages Inspection to Uncommanded Engine Accelerati Inflight Engine Shutdown. | Prevent on Event, or | | Ĭ | | AFFEC | CTED E | | A BY E IS NO LONGE | R INSTA | ILLED | |
| Ref No(s) | | Title | | | Eff Date | ATA | | Cor | nmen | ts | |
| AD-99-06-16-FAA | SPARE PART | RELEASE. | | | 21Apr1999 | 72 | Part / Serial Pos / Zone: | CFM 001 | | / 874226 10 | |
| Paragraph | | Method Of Compliance | R | Life | Las | | E/D O/Ride | Limit/ Interval | F/ L | Next Due | Remain |
| APPLICABLE ONLY TO CFM56-5 E | NGINES. | | | | | N | /A EQUIPMEN | T NOT INSTALL | ED | | |
| Ref No(s) | | Title | | | Eff Date | ATA | | Cor | nmen | ts | |
| AD-99-08-16-FAA | REVISION TO | THE TIME LIMITS SECTION OF THE ENGINE SHOP MANUAL | | | 13May1999 | 72 | Part / Serial Pos / Zone: | CFM 001 | | / 874226 10 | |
| Paragraph | | Method Of Compliance | R | Life | Las | | E/D O/Ride | Limit/ Interval | F/L | Next Due | Remain |
| REVISION TO THE TIME LIMITS SE ENGINE SHOP MANUAL | CTION OF THE | | | | | Sup | perseded By: | AD-2000-12-01 | -FAA | | |

5. Last BSI Report

Borescope Inspection Report

Engine Type: CFM56-7B26

Engine Serial Number: 874226



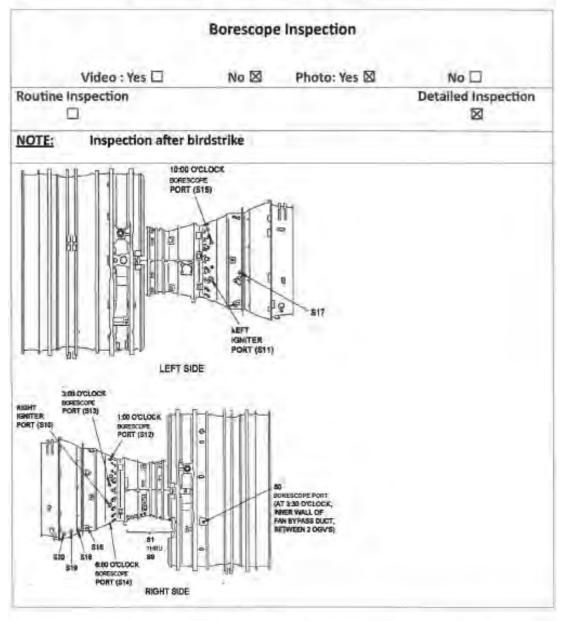
General Information

Engine Type: CFM56-7B26

Aircraft: Boeing B737-800

| Engine | 874226 | |
|--------|------------|--|
| S/N | | AND THE REST OF TH |
| Rating | CFM56-7B26 | CHINO2 |
| TSN | 73 566 | |
| TSLSV | 1 791 | a.} E. A∪ !! |
| CSN | 32 660 | |
| CSLSV | 856 | |

| | | BS | CFM56-78 | | |
|-------------|-------------|---------|------------|------|------------|
| A/C: OM-FEX | ESN: 874226 | ENG: #1 | TSN: | CSN: | Place: BTS |
| FH: | FC: | WP: | Date: 26.7 | 2023 | |



Effective date: 23.JAN 23

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| | | BS | Report | CFM56-78 | |
|-------------|-------------|---------|------------|----------|------------|
| A/C: OM-FEX | E5N: 874226 | ENG: #1 | T5N: | CSN: | Place: BTS |
| FH: | FC: | WP: | Date: 26.7 | .2023 | |

| Borescope Ports: | 50 | 51 | 52 | S | 3 | 54 | 1 | 55 | S6 | 57 | FX 58 | 59 | 510 |
|---|--|----------|------------|------|----|----------|------|------------|----------------|-----|--------|-----|------|
| REMOVAL: | n/a | 28 | n/a | n/a | | pri4 | ny | a | n/a | n/a | 17E | n/a | 26 W |
| INSTALLATION: | n/a | 特院 | | n/a | | Webs. | n/ | /a | n/a | n/a | dAA | n/a | At |
| Double Inspection: | n/a | NE G | n/a | n/a | | AE 4411 | n | /a | n/a | n/a | AP ALE | n/a | |
| Borescope Ports: | 1- | 511 | S12 | 51 | 3 | 514 | 5 | 15 | 516 | S17 | S18 | S19 | 520 |
| REMOVAL: | - | n/a | n/a | n/a | | n/a | n | /a | n/a | n/a | n/a | n/a | n/a |
| INSTALLATION: | 1- | n/a | n/a | n/a | | n/a | n | /a | n/a | n/a | n/a | n/a | n/a |
| Double Inspection: | 1- | n/a | n/a | n/a | | n/a | 'n | /a | n/a | n/a | n/a | n/a | n/a |
| REMOVAL: INSTALLATION: Double Inspection: | A STATE OF THE STA | IA FA | n/a n/a | | 10 | | el . | n/a n/a | | | | | |
| Borescope Ports: | Fuel I | Nozzle | Fuel No | zzle | Fu | iel Nozz | le | Fue Po: | el Nozzle s | | | | |
| REMOVAL: | n/a | | n/a | | n/ | a a | | n/a | , | | | | |
| INSTALLATION: | n/a | | n/a | | n/ | a | | n/a | 3 | | | | |
| Double Inspection: | n/a | | n/a | | N | a | | n/a | 3 | | | | |
| Borescope Ports: | | | | | | | | | | | | | |
| our catope ronta | Pos_ | | Pos | | PE | 05 | | Po | s | | | - | |
| REMOVAL: | 15 | | | | | | | | | | | | |
| INSTALLATION: | | | | | | | | | | | | | |
| Double Inspection: | 100 | | | | | | | 1 | | | | | |

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

Date: 26.7.2023 Performed by: Obala

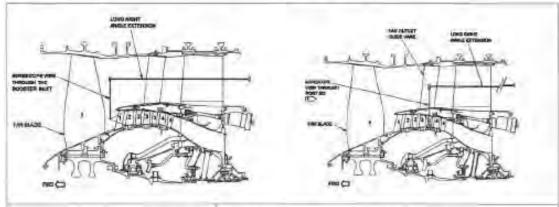
Sign & Stamp:

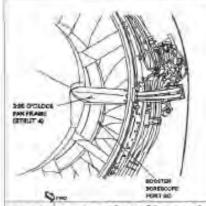


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Effective date: 23.JAN 23

| A/C: OM-FEX | 1-FEX ESN: 874226 | BS | CFM56-78 | | |
|-------------|-------------------|---------|-----------------|------|------------|
| | | ENG: #1 | TSN: | ĆSN: | Place: BTS |
| FH: | FC: | WP: | Date: 26.7.2023 | | |



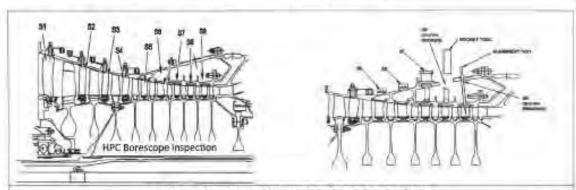


72-21-00 FAN Section LPC blades - findings:

n/a

| port | Location of inspection | View-Stage LE / TE | Qty | Remarks Observations |
|--------------------------|------------------------|-----------------------|-----|--|
| | FAN BLADES | LE TE | 24 | n/a |
| Thru Booster Inlet | 2 nd stage | te. | 74 | n/a |
| Thru Boster Inlet | 2 nd stage | TE | 74 | n/a |
| so | 3 rd stage | TE | 78 | n/a |
| 50 | 4 st stage | LE | 74 | n/a |
| MTX | /FR/30 ISSU | JE: 1 / REV: D | | Effective date: 23,JAN 2: Page 3/1: |

| | | BS | BSI & Plug - Report | | CFM56-7B |
|-------------|-------------|---------|---------------------|------|------------|
| A/C: OM-FEX | ESN: 874226 | ENG: #1 | TSN: | CSN: | Place: BTS |
| FH: | FC: | WP: | Date: 26.7.2023 | | |



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

| port | Location of inspection | View-Stage LE / TE | Qty | Remarks Observations |
|------|----------------------------|-----------------------|-----|--|
| 51 | 1 st stage 150° | LE | 38 | Several minor dents like in prev. B51. NO other-new findings. |
| 52 | 1stage 147° | TE | 38 | No findings |
| 52 | 2 nd stage | LE | 53 | n/a |
| 53 | 2 nd stage 150° | TE: | 53 | n/a |
| 54 | 3 rd stage 155° | TE | 60 | n/a |
| 54 | 4 th stage | LE | 68 | No findings. |
| 55 | 4th stage 155° | TE | 68 | No findings. |
| 55 | 5 th stage | LE | 75 | n/a |
| \$6 | 5 th stage 143° | TE | 75 | n/a |
| 56 | 6 th stage | LE | 82 | n/a |

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| | | BS | CFMS6-7B | | |
|-------------|------------------------|---------|-----------------|------|------------|
| A/C: OM-FEX | /C: OM-FEX ESN: 874226 | ENG: #1 | TSN: | CSN: | Place: BTS |
| FH: | FCt | WP: | Date: 26.7.2023 | | |

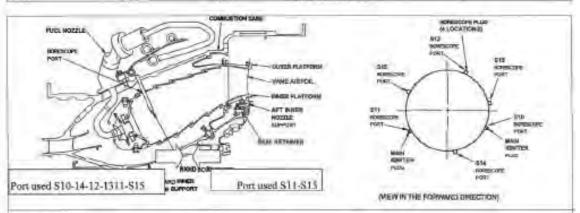
| port | Location of Inspection | View-Stage LE / TE | Qty | Remarks Observations |
|-----------|----------------------------|-----------------------|-----|--|
| 57 | 6 th stage 147° | TE | 82 | n/a |
| S7 | 7 th stage | LE | 82 | n/a |
| S8 | 7 th stage 148° | TE | 82 | n/a |
| 58 | 8 th stage | LE | 80 | One blade with tear in area A thru B like in prev. BSI. Damage in limits. NO other-new damages |
| 59 | 8 th stage 147° | TE | 80 | No findings |
| 59 | 9 th stage | LE | 78 | n/a |

72-31-00 HPC section - findings :

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

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| | | BS | BSI & Plug - Report | | | |
|-------------|-------------------|---------|---------------------|------|------------|--|
| A/C: OM-FEX | M-FEX ESN: 874226 | ENG: #1 | TSN: | CSN: | Place: BTS | |
| FH: | FC: | WP: | Date: 26.7.2023 | | | |



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

Same damages like in prev. BSL

| port | Location of inspection | View-Stage LE / TE | Qty | Remarks Observations |
|------------|------------------------------------|-----------------------|-----|-------------------------|
| 510 | Combustion chamber Igniter port | 118°HPT nozzle, LE | | condition Jame one in |
| S11 | Combustion chamber Igniter port | 244°HPT nozzle, LE | | n/s |
| 512 | Combustion chamber | 270°HPT nozzle, LE | | n/a |
| S13 | Combustion chamber | 81°HPT nozzle, LE | | n/a |

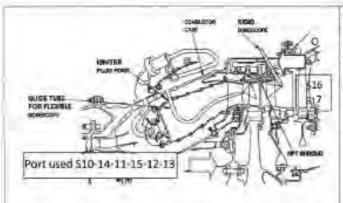
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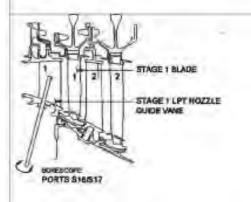
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| | | BS | CFM56-78 | | |
|-------------|--------------------|---------|-----------------|------|------------|
| A/C: OM-FEX | OM-FEX ESN: 874226 | ENG: #1 | TSN: | CSN: | Place: BTS |
| FH: | FC: | WP: | Date: 26.7.2023 | | |



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

n/a



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

n/a

| port | Location of inspection | View-Stage LE / TE | Qty | Remarks Observations |
|------|--|-----------------------|-----|----------------------|
| 514 | Combustion chamber | 171° | | n/a |
| S15 | Combustion chamber | 297° | | n/a |
| 516 | HPT blade HPT shroud LPT stage 1 | 165* TE / LE | 80 | n/a |
| 517 | HPT blade HPT shroud LPT stage 1 | 255° TE / LE | 80 | n/a |

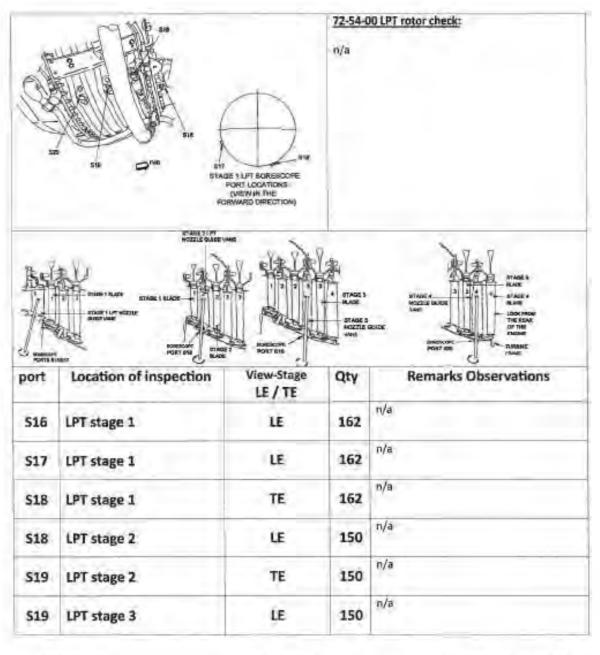
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| | | BSI & Plug - Report | | | CFM56-7B |
|-------------|-------------------|---------------------|-----------------|------|------------|
| A/C: OM-FEX | 1-FEX ESN; 874226 | ENG: #1 | TSN: | CSN: | Place: BTS |
| FH: | FC: | WP: | Date: 26.7.2023 | | |



| | | BSI & Plug - Report | | | CFM56-78 |
|-------------|-------------|---------------------|-----------------|------|------------|
| A/C: OM-FEX | ESN: 874226 | ENG: #1 | TSN: | CSN: | Place: BTS |
| FH: | FC: | WP: | Date: 26.7.2023 | | |

| S20 | LPT stage 3 | TE | 150 | n/a |
|---------|--|-----------------------------|---------------|------------|
| S20 | LPT stage 4 | LE | 134 | n/a |
| | LPT stage 4 Visual rear inspection | TE | 134 | n/a |
| emain | ing HPT rotor blade notches: n/a | | | |
| | | | | |
| - | TANK TOWN TOWN | | | |
| CCOCKT | nent Borescope of the engine : | | | |
| 2252221 | The state of the s | | | |
| 22222 | END AND END OF THE SALES | | | |
| | | vere found which could be | caused by Bir | rd Strike. |
| | is serviceable. No other – new damages w | vere found which could be | caused by Bi | rd Strike. |
| | | ere found which could be | caused by Bli | rd Strike. |
| | | ere found which could be o | caused by Bli | rd Strike. |
| | | ere found which could be o | caused by Bir | rd Strike. |
| | | ere found which could be o | caused by Bli | rd Strike. |
| | | ere found which could be o | caused by Bli | nd Strike. |
| | | ere found which could be a | caused by Bli | nd Strike. |
| | | vere found which could be o | caused by Bli | nd Strike. |
| | | vere found which could be o | caused by Bli | nd Strike. |
| | | vere found which could be o | caused by Bli | nd Strike. |
| | | vere found which could be o | caused by Bli | rd Strike. |
| | | vere found which could be o | caused by Bli | rd Strike. |
| ngine | is serviceable. No other — new damages w | vere found which could be o | caused by Bli | rd Strike. |
| ingine | is serviceable. No other — new damages w | vere found which could be o | caused by Bir | rd Strike. |
| ingine | is serviceable. No other — new damages w | vere found which could be o | caused by Bir | rd Strike. |
| ingine | is serviceable. No other — new damages w | vere found which could be o | caused by Bir | rd Strike. |
| ingine | is serviceable. No other — new damages w | vere found which could be o | caused by Bli | rd Strike. |

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Inspector (QC): Obala

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Date: 26.7.2023

| | | BS | CFM56-7B | | |
|-------------|-------------|---------|------------|------|------------|
| A/C: OM-FEX | ESN: 874226 | ENG: #1 | TSN: | CSN: | Place: BTS |
| FH: | FC: | WP: | Date: 26.7 | | |

Pictures:





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| | | BS | CFM56-78 | | |
|-------------|-------------|---------|-----------------|------|------------|
| A/C: OM-FEX | ESN: 874226 | ENG: #1 | TSN: | CSN: | Place: BTS |
| FH: | FC: | WP: | Date: 26.7.2023 | | |



Dataplate:



6. Accessory Inventory/QEC

| ATA Reference | Description | Туре | Position | Zone | Part Number | Serial | Last Movement | Fitted To Part | Fitted To Serial |
|------------------|--|------|----------|------|----------------|------------|------------------|-------------------|---------------------|
| 24111100 | IDG | С | 001 | 410 | 761574B | AAAH006302 | 25.8.2023 | CFM56-7B | 874226 |
| 24112100 | IDG AIR/OIL COOLER | С | 001 | 410 | UA538551-3 | 18059R | 14.5.2023 | | |
| 26110100 | ENGINE FIRE DETECTORS | С | 003 | 410 | 902864 | 3779 | 22.9.2018 | CFM56-7B | 874226 |
| 26110100 | ENGINE FIRE DETECTORS | С | 004 | 410 | 902864 | 2907 | 10.9.2017 | CFM56-7B | 874226 |
| 29111100 | HYDRAULIC SYSTEM A AND B ENGINE DRIVEN PUMP | С | 001 | 410 | 849589 | MX830833 | 29.2.2020 | | |
| 30211100 | ENGINE COWL TAI VALVE | С | 001 | 410 | 3215618-4 | 4902 | 24.5.2017 | CFM56-7B | 874226 |
| 30212100 | ENGINE ANTI-ICE PRESSURE SWITCH | С | 001 | 410 | 21SN41-52 | C016391A | 26.8.2015 | CFM56-7B | 874226 |
| 36110400 | PRESSURE REGULATOR AND SHUT OFF VALVE (PRSOV) | С | 001 | 410 | 3214552-6 | 4779 | 15.11.2022 | CFM56-7B | 874226 |
| 36110600 | HIGH STAGE VALVE | С | 001 | 410 | 3214446-4 | 3230C | 12.11.2022 | CFM56-7B | 874226 |
| 73110100 | FUEL PUMP PACKAGE | С | 001 | 410 | 828300-11 | YA010617-6 | 5.9.2021 | CFM56-7B | 874226 |
| 73211000 | HYDROMECHANICAL UNIT | С | 001 | 410 | 442355 | BECW0560 | 16.9.2022 | | |
| 73216000 | EEC | С | 001 | 410 | 1853M33P06 | LMDN9218 | 1.9.2022 | 1 | |
| 74110100 | IGNITION EXCITER | С | 001 | 410 | 10-631045-2 | UNJN6968 | 13.3.2018 | CFM56-7B | 874226 |
| 74210100 | IGNITION LEAD | С | 001 | 410 | 9059110-1 | 34723 | 13.3.2018 | CFM56-7B | 874226 |
| 74210100 | IGNITION LEAD | С | 002 | 410 | 9059110-1 | UNKC5216 | 14.5.2023 | | |
| 75310100 | ACTUATOR VARIABLE STATOR VANE | С | 001 | 410 | 1211313-010 | VE631 | 27.9.2022 | CFM56-7B | 874226 |
| 75310100 | ACTUATOR VARIABLE STATOR VANE | С | 002 | 410 | 1211313-010 | APMMD513 | 28.3.2018 | CFM56-7B | 874226 |
| 79210400 | SCAVENGE OIL FILTER ASSY | С | 001 | 410 | 41F9003 | YT120465-L | 15.3.2017 | CFM56-7B | 874226 |
| 80110300 | START VALVE | С | 001 | 410 | 3289630-2 | VIV-0237 | 3.8.2017 | CFM56-7B | 874226 |