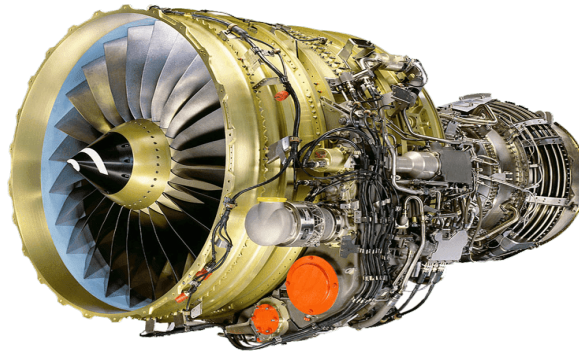


Tuesday, February 11, 2025

## CFMI CFM56-7B26/3 ESN 892820

(CFMI Certified to 26,300 LB's Thrust)

StandardAero is pleased to offer for sale (1) Repaired/Serviceable CFM56-7B26/3 Engine with 5146 Cycles Remaining to First Limiter



|                                             |                                                                                                                                               |
|---------------------------------------------|-----------------------------------------------------------------------------------------------------------------------------------------------|
| Engine Model/Type:                          | ESN 892820, CFMI CFM56-7B26/3 (Tech Insert)                                                                                                   |
| Condition:                                  | Repaired/Serviceable                                                                                                                          |
| Tag:                                        | StandardAero Winnipeg (2024)                                                                                                                  |
| Delivery Location:                          | StandardAero Dallas, TX                                                                                                                       |
| Sale Price:                                 | \$7,950,000 USD (7 Million Nine Hundred Fifty Thousand United States Dollars)                                                                 |
| Forecasted Availability:                    | Immediately Available                                                                                                                         |
| Engine First LLP Limiter:                   | 5146 Cycles Remaining                                                                                                                         |
| Engine TSN/CSN:                             | 52476 / 25281                                                                                                                                 |
| Engine TSLSV/CSLSV:                         | 0                                                                                                                                             |
| TSN/CSN Since Last Performance Restoration: | 0                                                                                                                                             |
| QEC/LRU Configuration:                      | Engine to be delivered in <u>Full</u> QEC/LRU Configuration, including Exhaust                                                                |
| Engine Full Records Link:                   | <a href="https://standardaero.box.com/s/sub66nkk18l2vdinmp3nr17t1bcr5us6">https://standardaero.box.com/s/sub66nkk18l2vdinmp3nr17t1bcr5us6</a> |



## **Authorized Release Certificate**

|                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                                                   |  |
|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------|-----------------------------------------------------------------------------------------|-------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-----------------|---------------------------------------------------|--|
| 1. Approving Civil Aviation Authority/Country<br>FAA/United States                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         |                          | <b>2. AUTHORIZED RELEASE CERTIFICATE</b><br>FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG |             |                                                                                                                                                                                                                                                                                                                                                                                                                              |                 | 3. Form Tracking Number<br>ARCYF1768966           |  |
| 4. Organization Name and Address<br><b>STANDARDAERO BUSINESS AVIATION SERVICES, LLC</b><br>2988 W. WALNUT HILL LANE<br>DFW AIRPORT, TEXAS, USA 75261    Repair Station # YRRR491L                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          |                          |                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                                                              |                 | 5. Work Order/Contract/Invoice Number<br>YF100014 |  |
| 6. Item                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                    | 7. Description           | 8. Part Number                                                                          | 9. Quantity | 10. Serial Number                                                                                                                                                                                                                                                                                                                                                                                                            | 11. Status/Work |                                                   |  |
| 1                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                          | ENGINE ASSY CFM56-7B24-3 | 9324M60G10                                                                              | 1           | 892820                                                                                                                                                                                                                                                                                                                                                                                                                       | REPAIRED        |                                                   |  |
| 12. Remarks <b>TSN: 52476    CSN: 25281</b><br><br><div style="display: flex; justify-content: space-between;"> <div style="width: 48%;"> <p>The product identified has been repaired for HPT Blade Replacement in accordance with CFM56-7B ESM CFMI-TP.SM.10, Rev: 65, dated 15-May-2024, AMM D633A101-SAS, Rev: 82, dated 15-Oct-2023, PPBU D633A106- PEB Rev: 18, dated 15-Oct-2003 and other data and methods acceptable to the administrator. This product tested serviceable and is approved for return to service with respect to the maintenance performed only.</p> <p>Accomplished 72-00-52-800-002 HPT Rotor Module Special Procedure 002. Replacement of a full set of HPT Blades.</p> <p>Accomplished Engine Test IAW CFM56-7B-ESM-TASK-72-00-00 Test 002, 003, 004 and 009 No 4 Bearing Defect. Screening at CFM56-7B24-3 &amp; CFM56-7B26-3 Rating.</p> <p>Accomplished Outgoing Video Borescope Inspection.</p> <p>Accomplished Preservation for a Period of 365 days on 8 Dec 2024.</p> </div> <div style="width: 48%;"> <p>CFM56-7B24-3 with N1 Modifier Level: 2 - EGT Margin @ Takeoff 66° C (76° C with adder)<br/>           CFM56-7B26-3 with N1 Modifier Level: 5 - EGT Margin @ Takeoff 25° C (35° C with adder)</p> <p>Customer: PTS Aviation Inc.<br/>           Additional Ref.:<br/>           RO: R16654, Eng. Repair Proposal #24-126406<br/>           AD/SB Accomplished: (None)<br/>           Carry Forward / Open Item List: See Ref. Form CFM56-004</p> </div> </div> |                          |                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                                                   |  |
| 13a. Certifies the items identified above were manufactured in conformity to<br><br><input type="checkbox"/> Approved design data and are in a condition for safe operation.<br><input type="checkbox"/> Non-approved design data specified in Block 12.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                   |                          |                                                                                         |             | 14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12<br><br>Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. |                 |                                                   |  |
| 13b. Authorized Signature<br>N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                          | 13c. Approval/Authorization No.<br>N/A                                                  |             | 14b. Authorized Signature<br>                                                                                                                                                                                                                                                                                                                                                                                                |                 | 14c. Approval/Certificate No<br>YRRR491L          |  |
| 13d. Name (Typed or Printed)<br>N/A                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                          | 13e. Date (dd/mm/yyyy)<br>N/A                                                           |             | 14d. Name (Typed or Printed)<br>JUAN (MARTIN) PONCE                                                                                                                                                                                                                                                                                                                                                                          |                 | 14e. Date (dd/mm/yyyy)<br>16-Dec-2024             |  |
| <b>User/Installer Responsibilities</b>                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     |                          |                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                                                   |  |
| It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                          |                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                                                   |  |
| Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/ propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                                                   |  |
| Statements in 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.                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |                          |                                                                                         |             |                                                                                                                                                                                                                                                                                                                                                                                                                              |                 |                                                   |  |



## Life Limited Parts Status



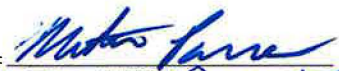
## CFM56-7B24-3 / CFM56- 7B26-3 ENGINE DISK REFERENCE SHEET - AS SHIPPED

Business Aviation Services, LLC  
FAA Repair Station YRRR491L  
2988 W. Walnut Hill Lane  
DFW Airport, TX 75261, USA  
www.standardaero.com

CFM56-7B24-3 / CFM56-7B26-3 ENGINE DISK REFERENCE SHEET

|            |                          |                               |          |
|------------|--------------------------|-------------------------------|----------|
| DATE PREP  | 9-Dec-2024               | STANDARD AERO WORK ORDER NO.: | YF100014 |
| PREPARED   | Sean Dorsett - BBA594437 | ENGINE TOTAL TIME:            | 52475.83 |
| SERIAL NUM | 892820                   | ENGINE TOTAL CYCLES:          | 25281    |

| Item                       | Part Name                               | Part No       | Serial No | Cycles Operated |           |           |          |         | Total Cycles | Cycle Limit |           |           |         |         | Cycles Remaining |           |           |         |         |
|----------------------------|-----------------------------------------|---------------|-----------|-----------------|-----------|-----------|----------|---------|--------------|-------------|-----------|-----------|---------|---------|------------------|-----------|-----------|---------|---------|
|                            |                                         |               |           | 5B4/P           | -7B27-3B1 | -7B22-3B1 | -7B24-3B | -7B26-3 |              | 5B4/P       | -7B27-3B1 | -7B22-3B1 | -7B24-3 | -7B26-3 | 5B4/P            | -7B27-3B1 | -7B22-3B1 | -7B24-3 | -7B26-3 |
|                            | ENGINE CORE                             | 9324M60G10    | 892820    | N/A             | N/A       | N/A       | N/A      | N/A     | 25281        | N/A         | N/A       | N/A       | N/A     | N/A     | N/A              | N/A       | N/A       | N/A     | N/A     |
| FAN AND BOOSTER:           |                                         |               |           |                 |           |           |          |         |              |             |           |           |         |         |                  |           |           |         |         |
| 1                          | FAN DISK                                | 340-000-420-0 | PA310413  | 0               | 0         | 0         | 19854    | 0       | 19854        | --          | 30000     | 30000     | 30000   | 30000   | --               | 10146     | 10146     | 10146   | 10146   |
| 2                          | BOOSTER SPOOL                           | 340-000-826-0 | DE831628  | 0               | 0         | 0         | 19854    | 0       | 19854        | --          | 30000     | 30000     | 30000   | 30000   | --               | 10146     | 10146     | 10146   | 10146   |
| 3                          | FAN SHAFT                               | 335-006-414-0 | DE693083  | 0               | 0         | 0         | 19854    | 0       | 19854        | --          | 30000     | 30000     | 30000   | 30000   | --               | 10146     | 10146     | 10146   | 10146   |
| COMPRESSOR ROTOR ASSEMBLY: |                                         |               |           |                 |           |           |          |         |              |             |           |           |         |         |                  |           |           |         |         |
| 4                          | COMPRESSOR ROTOR SPOOL STAGES 1 AND 2   | 1558M31G07    | GWN0HWA1  | 0               | 11310     | 3435      | 0        | 0       | 14745        | 20000       | 20000     | 20000     | 20000   | 20000   | 5255             | 5255      | 5255      | 5255    | 5255    |
| 5                          | COMPRESSOR ROTOR DISK STAGE 3           | 2116M23P01    | XAEB0951  | 14632           | 0         | 0         | 0        | 0       | 14632        | 20000       | 20000     | 20000     | 20000   | 20000   | 5368             | 5368      | 5368      | 5368    | 5368    |
| 6                          | COMPRESSOR ROTOR SPOOL STAGES 4 - 9     | 2048M20G04    | GWN0RF26  | 14632           | 0         | 0         | 0        | 0       | 14632        | 20000       | 20000     | 20000     | 20000   | 20000   | 5368             | 5368      | 5368      | 5368    | 5368    |
| 7                          | COMPRESSOR ROTOR SHAFT                  | 1386M56P03    | GWN0RF02  | 14632           | 0         | 0         | 0        | 0       | 14632        | 20000       | 20000     | 20000     | 20000   | 20000   | 5368             | 5368      | 5368      | 5368    | 5368    |
| 8                          | COMPRESSOR ROTOR REAR ROTATING AIR SEAL | 2116M25P01    | GFF5E99F  | 0               | 11310     | 3435      | 0        | 0       | 14745        | 20000       | 20000     | 20000     | 20000   | 20000   | 5255             | 5255      | 5255      | 5255    | 5255    |
| HPT ROTOR ASSEMBLY:        |                                         |               |           |                 |           |           |          |         |              |             |           |           |         |         |                  |           |           |         |         |
| 9                          | HPT ROTOR DISK                          | 1498M43P07    | GWN0HCLE  | 0               | 0         | 0         | 8508     | 5401    | 13909        | 20000       | 20000     | 20000     | 20000   | 20000   | 6091             | 6091      | 6091      | 6091    | 6091    |
| 10                         | HPT FRONT ROTATING AIR SEAL             | 2116M20P02    | TMT1N373  | 14078           | 0         | 0         | 0        | 0       | 14078        | 20000       | 20000     | 20000     | 20000   | 20000   | 5922             | 5922      | 5922      | 5922    | 5922    |
| 11                         | HPT FRONT SHAFT                         | 2048M21P03    | FCV02E10  | 14632           | 0         | 0         | 0        | 0       | 14632        | 20000       | 20000     | 20000     | 20000   | 20000   | 5368             | 5368      | 5368      | 5368    | 5368    |
| 12                         | HPT REAR SHAFT                          | 1864M90P04    | TMTA4267  | 14632           | 0         | 0         | 0        | 0       | 14632        | 20000       | 20000     | 20000     | 20000   | 20000   | 5368             | 5368      | 5368      | 5368    | 5368    |
| LPT MODULE:                |                                         |               |           |                 |           |           |          |         |              |             |           |           |         |         |                  |           |           |         |         |
| 13                         | STAGE 1 LPT DISK                        | 336-001-804-0 | DE985903  | 0               | 0         | 0         | 19854    | 0       | 19854        | 25000       | 25000     | 25000     | 25000   | 25000   | 5146             | 5146      | 5146      | 5146    | 5146    |
| 14                         | STAGE 2 LPT DISK                        | 336-001-909-0 | PA322571  | 0               | 0         | 0         | 19854    | 0       | 19854        | 25000       | 25000     | 25000     | 25000   | 25000   | 5146             | 5146      | 5146      | 5146    | 5146    |
| 15                         | STAGE 3 LPT DISK                        | 336-002-006-0 | PA329148  | 0               | 0         | 0         | 19854    | 0       | 19854        | 18000       | 25000     | 25000     | 25000   | 25000   | 3705             | 5146      | 5146      | 5146    | 5146    |
| 16                         | STAGE 4 LPT DISK                        | 336-002-105-0 | DE802852  | 0               | 0         | 0         | 19854    | 0       | 19854        | 15400       | 25000     | 25000     | 25000   | 25000   | 3169             | 5146      | 5146      | 5146    | 5146    |
| 17                         | LPT ROTOR SUPPORT                       | 338-077-502-0 | DE660907  | 0               | 0         | 0         | 19854    | 0       | 19854        | 25000       | 25000     | 25000     | 25000   | 25000   | 5146             | 5146      | 5146      | 5146    | 5146    |
| 18                         | LPT SHAFT                               | 340-074-723-0 | DE726500  | 0               | 0         | 0         | 19854    | 0       | 19854        | --          | 25000     | 25000     | 25000   | 25000   | --               | 5146      | 5146      | 5146    | 5146    |
| 19                         | LPT REAR FRAME                          | 340-166-211-0 | DE050271  | 0               | 0         | 0         | 19854    | 0       | 19854        | N/L         | N/L       | N/L       | N/L     | N/L     | N/L              | N/L       | N/L       | N/L     | N/L     |

Prepared by:   
Martin Ponce - BBA507183

Audited By:   
Sean Dorsett - BBA594437

NOTE: The information listed on this report was obtained from maintenance records provided by the Customer during this SV/NSV as of the date of this report. Part Number, Serial Number verification was not accomplished unless the Piece Part was Exposed during Workscope Implementation.



# Test Cell Data Report

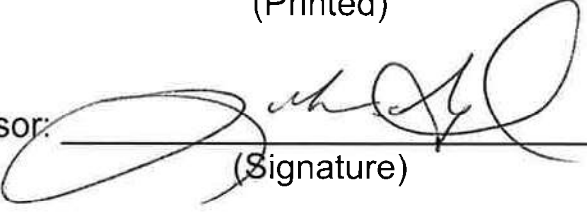
|                                                               |                                      |                                                                                                          |                                      |
|---------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------|
| Title:<br><b>Engine Preservation Fuel Purge Certification</b> |                                      | <br><b>StandardAero</b> | Form No.:<br><b>QC-578</b>           |
|                                                               |                                      |                                                                                                          | Page<br><b>1 of 1</b>                |
| Sales Order:<br><b>YF100014</b>                               | Date Initiated:<br><b>12/08/2024</b> | Revision No.:<br><b>5</b>                                                                                | Revision Date:<br><b>01-Jun-2023</b> |

Engine Model: CFM56-7B26/3

Engine Serial Number: 892820

The undersigned hereby certifies that the above – referenced engine has been drained, cleaned, purged of fuel and preserved and is shipped as **NOT RESTRICTED** as per IATA Section 4.4 Special Provision A70, and IATA Section 5.0.2.13.5.2, and as per 49 CFR 173.220.

Inspector or Supervisor: Luke Graham  
(Printed)

Inspector or Supervisor:   
(Signature)

Date: 12/08/2024

**Controlled Document**

The information contained in this document is proprietary information of StandardAero Business Aviation Services, LLC

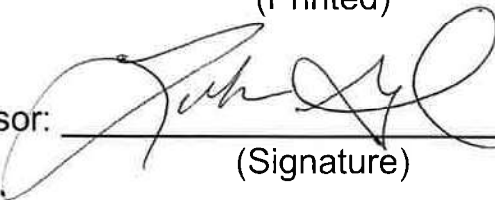
|                                                               |                                      |                                                                                                          |                                      |
|---------------------------------------------------------------|--------------------------------------|----------------------------------------------------------------------------------------------------------|--------------------------------------|
| Title:<br><b>Engine Oil System Preservation Certification</b> |                                      | <br><b>StandardAero</b> | Form No.:<br><b>QC-608</b>           |
|                                                               |                                      |                                                                                                          | Page<br><b>1 of 1</b>                |
| Sales Order:<br><b>YF100014</b>                               | Date Initiated:<br><b>12/08/2024</b> | Revision No.:<br><b>1</b>                                                                                | Revision Date:<br><b>26-Oct-2023</b> |

Engine Model: CFM56-7B26/3

Engine Serial Number: 892820

The undersigned hereby certifies that the above – referenced engine oil system has been preserved with the approved 7% (by volume) of Corrosion Preventive Additive (CP5075 / Brayco 599) IAW CFM56-7B Engine Shop Manual Task 72-00-00-500-001 Subtask 72-00-00-620-052.

Inspector or Supervisor: Luke Graham  
(Printed)

Inspector or Supervisor:   
(Signature)

Date: 12/08/2024

**Controlled Document**

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# CFM56-7B Acceptance Testing Results Summary

## GENERAL INFORMATION

|               |                  |                  |                            |            |               |
|---------------|------------------|------------------|----------------------------|------------|---------------|
| Engine S/N:   | 892820           | Adapter S/N:     | 0000173                    | Fuel Type: | JETA1         |
| Test Date:    | 2024-11-26       | Bellmouth S/N:   | 002                        | Fuel LHV:  | 18583         |
| TCN:          | YF100014         | Cowling S/N:     | 003                        | Fuel SG:   | 0.808         |
| Shop Order:   | UWQ3B            | Core Nozzle S/N: | 2269-B7N01-2413            | T2 @ TO    | 54.5 °C       |
| Customer:     | PTS Aviation INC | BM Area A2:      | 2,621.8 in²                | PAmb @ TO  | 14.4 PSIA     |
| Test Cell:    | 6                | Fan Area A19:    | 1,215.2 in²                | RH @ TO    | 56.3 %        |
| Software Ver: | 1.3.15488        | Core Area A8:    | 458.6 in²                  | Plug P/N:  | 390-660-301-0 |
| FADEC Ver:    | 7E6D             | Core Area A9:    | 468.0 in²                  |            |               |
| Run Time:     | 2.9 hrs          | Oil Type:        | MIL-PRF-23699 Type II-MJO2 |            |               |
| Rating Plug:  | Customer Rating  |                  |                            |            |               |

## ENGINE PERFORMANCE

Engine Division: CFM56-7B Tech Insert (/3)  
Engine Model (s): CFM56-7B24/3  
Hot Day EGT Margin Adjustment (Figure 1322): 10  
N1 Modifier Level: 2

| Power        | N1K<br>[RPM] | Standard Day<br>Thrust (FN) [LB] |        |          | Hot Day<br>EGT [°C] |        |          |          | Core Speed (N2) [RPM] |        |          |
|--------------|--------------|----------------------------------|--------|----------|---------------------|--------|----------|----------|-----------------------|--------|----------|
|              |              | Limit                            | Actual | Modified | Limit               | Actual | Adjusted | Modified | Limit                 | Actual | Modified |
| Takeoff 30°C | 4902         | 24200                            | 24987  | 24793    | 919                 | 853    | 843      | 840      | 14634                 | 14495  | 14477    |
| Max Cont25°C | 4787         | 22800                            | 23527  |          | 887                 | 812    | 822      |          | 14634                 | 14312  |          |

## Performance Margin Summary

|                     | Takeoff     |          |          | Max Cont    |          |          |
|---------------------|-------------|----------|----------|-------------|----------|----------|
|                     | Thrust [LB] | EGT [°C] | N2 [RPM] | Thrust [LB] | EGT [°C] | N2 [RPM] |
| Margin              | 787         | 66       | 139      | 727         | 75       | 322      |
| Adjusted Margin     |             | 76       |          |             | 85       |          |
| Margin [%]          | 3.25        |          | 0.95     | 3.19        |          | 2.20     |
| Modified Margin     | 593         | 79       | 157      |             |          |          |
| Modified Margin [%] | 2.45        |          | 1.07     |             |          |          |

## SYSTEM PERFORMANCE

### Start

| At Lightoff                   |      | During Start         |       |                            |      |
|-------------------------------|------|----------------------|-------|----------------------------|------|
| T2 [°C]:                      | 56.2 | Max MGT [°C]:        | 439.0 | Time to Idle [s]:          | 38.9 |
| Starter Air Pressure [PSIG]:  | 33.4 | Max Fuel Flow [PPH]: | 950.2 | Corrected. Start Time [s]: | 40.6 |
| Starter Air Temperature [°F]: | 59.1 | Time to Light [s]:   | 4.0   | Start Time Margin [s]:     | 50.0 |

### Vibration Scan Data

| Accelerometer / Speed | Accel     |       |       |              |          | Decel     |       |       |              |          |
|-----------------------|-----------|-------|-------|--------------|----------|-----------|-------|-------|--------------|----------|
|                       | Vibration |       |       | Speed at Max |          | Vibration |       |       | Speed at Max |          |
|                       | Max       | Limit | Units | N1 [RPM]     | N2 [RPM] | Max       | Limit | Units | N1 [RPM]     | N2 [RPM] |
| #1 Bearing / N1       | 1.6       | 2.5   | mils  | 4712         | 13902    | 1.3       | 2.5   | mils  | 4949         | 14090    |
| FFCCV / N1            | 1.1       | 2.5   | mils  | 4834         | 14019    | 1.2       | 2.5   | mils  | 4906         | 14026    |
| #1 Bearing / N2       | 0.3       | 1.3   | ips   | 1254         | 9596     | 1.2       | 1.3   | ips   | 1537         | 10526    |
| FFCCV / N2            | 0.5       | 1.6   | ips   | 1375         | 10014    | 1.1       | 1.6   | ips   | 1502         | 10404    |

### Transient Acceleration / Fuel & Oil System

| Parameter              | Rating        | Actual | Limit       | Units    |
|------------------------|---------------|--------|-------------|----------|
| Acceleration Time      | 7B26, 7B26/B1 | 3.3    | 5.0         | Sec      |
| Oil Consumption        |               | 0.02   | 0.1         | Gal / hr |
| Oil Consumption Time   |               | 0.6    |             | hrs      |
| Corrected Oil Pressure |               | 59.5   | 47.3 - 69.0 | PSID     |
| Fuel System Inhibited  |               | Y      |             |          |
| Oil System Inhibited   |               | Y      |             |          |

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# StandardAero CFM56-7B Acceptance Testing Results Summary

## Leakage

| Fuel [cc/hr]   | Actual | Limit | Oil [cc/hr]        | Actual | Limit |
|----------------|--------|-------|--------------------|--------|-------|
| VSV Actuator   | 0.0    | 120.0 | Heat Exchanger     | 0.0    | 7.0   |
| VBV Actuator   | 0.0    | 120.0 | AGB IDG Pad        | 0.0    | 1.0   |
| Main Fuel Pump | 0.0    | 120.0 | AGB Handcrank Pad  | 0.0    | 1.0   |
| Heat Exchanger | 0.0    | 20.0  | Hydraulic Sump Pad | 0.0    | 1.0   |
| HMU            | 0.0    | 90.0  | Fwd Sump           | 0.0    | 15.0  |
| HPTACC         | 0.0    | 180.0 |                    |        |       |
| LPTACC         | 0.0    | 180.0 |                    |        |       |
| TBV            | 0.0    | 180.0 |                    |        |       |
| BSV            | 0.0    | 180.0 |                    |        |       |

Test Result: Pass

Operator: [Signature] 



# StandardAero CFM56-7B Acceptance Testing Results Summary

## GENERAL INFORMATION

|               |                  |                  |                            |            |               |
|---------------|------------------|------------------|----------------------------|------------|---------------|
| Engine S/N:   | 892820           | Adapter S/N:     | 0000173                    | Fuel Type: | JETA1         |
| Test Date:    | 2024-11-26       | Bellmouth S/N:   | 002                        | Fuel LHV:  | 18583         |
| TCN:          | YF100014         | Cowling S/N:     | 003                        | Fuel SG:   | 0.808         |
| Shop Order:   | UWQ3B            | Core Nozzle S/N: | 2269-B7N01-2413            | T2 @ TO    | 54.6 °C       |
| Customer:     | PTS Aviation INC | BM Area A2:      | 2,621.8 in <sup>2</sup>    | PAmb @ TO  | 14.4 PSIA     |
| Test Cell:    | 6                | Fan Area A19:    | 1,215.2 in <sup>2</sup>    | RH @ TO    | 55.7 %        |
| Software Ver: | 1.3.15488        | Core Area A8:    | 458.6 in <sup>2</sup>      | Plug P/N:  | 390-660-301-0 |
| FADEC Ver:    | 7E6D             | Core Area A9:    | 468.0 in <sup>2</sup>      |            |               |
| Run Time:     | 2.9 hrs          | Oil Type:        | MIL-PRF-23699 Type II-MJO2 |            |               |
| Rating Plug:  | Customer Rating  |                  |                            |            |               |

## ENGINE PERFORMANCE

Engine Division: CFM56-7B Tech Insert (/3)  
Engine Model (s): CFM56-7B26/3, 7B26/3B1  
Hot Day EGT Margin Adjustment (Figure 1322): 10  
N1 Modifier Level: 5

| Power         | N1K<br>[RPM] | Standard Day<br>Thrust (FN) [LB] |        |          | Hot Day<br>EGT [°C] |        |          |          | Core Speed (N2) [RPM] |        |          |
|---------------|--------------|----------------------------------|--------|----------|---------------------|--------|----------|----------|-----------------------|--------|----------|
|               |              | Limit                            | Actual | Modified | Limit               | Actual | Adjusted | Modified | Limit                 | Actual | Modified |
| Takeoff 30°C  | 5081         | 26300                            | 27096  | 26563    | 918                 | 893    | 883      | 873      | 14788                 | 14633  | 14585    |
| Max Cont 25°C | 5046         | 25900                            | 26706  |          | 901                 | 867    | 877      |          | 14788                 | 14521  |          |

## Performance Margin Summary

|                     | Takeoff     |          |          | Max Cont    |          |          |
|---------------------|-------------|----------|----------|-------------|----------|----------|
|                     | Thrust [LB] | EGT [°C] | N2 [RPM] | Thrust [LB] | EGT [°C] | N2 [RPM] |
| Margin              | 796         | 25       | 155      | 806         | 34       | 267      |
| Adjusted Margin     |             | 35       |          |             | 44       |          |
| Margin [%]          | 3.03        |          | 1.05     | 3.11        |          | 1.81     |
| Modified Margin     | 263         | 45       | 203      |             |          |          |
| Modified Margin [%] | 1.00        |          | 1.37     |             |          |          |

## SYSTEM PERFORMANCE

### Start

| At Lightoff                   |      | During Start         |       |                           |      |
|-------------------------------|------|----------------------|-------|---------------------------|------|
| T2 [°C]:                      | 56.2 | Max MGT [°C]:        | 439.0 | Time to Idle [s]:         | 38.9 |
| Starter Air Pressure [PSIG]:  | 33.4 | Max Fuel Flow [PPH]: | 950.2 | Corrected Start Time [s]: | 40.6 |
| Starter Air Temperature [°F]: | 59.1 | Time to Light [s]:   | 4.0   | Start Time Margin [s]:    | 50.0 |

### Vibration Scan Data

| Accelerometer / Speed | Accel     |       |       |              |          | Decel     |       |       |              |          |
|-----------------------|-----------|-------|-------|--------------|----------|-----------|-------|-------|--------------|----------|
|                       | Vibration |       |       | Speed at Max |          | Vibration |       |       | Speed at Max |          |
|                       | Max       | Limit | Units | N1 [RPM]     | N2 [RPM] | Max       | Limit | Units | N1 [RPM]     | N2 [RPM] |
| #1 Bearing / N1       | 1.6       | 2.5   | mils  | 4712         | 13902    | 1.3       | 2.5   | mils  | 4949         | 14090    |
| FFCCV / N1            | 1.1       | 2.5   | mils  | 4834         | 14019    | 1.2       | 2.5   | mils  | 4906         | 14026    |
| #1 Bearing / N2       | 0.3       | 1.3   | ips   | 1254         | 9596     | 1.2       | 1.3   | ips   | 1537         | 10526    |
| FFCCV / N2            | 0.5       | 1.6   | ips   | 1375         | 10014    | 1.1       | 1.6   | ips   | 1502         | 10404    |

### Transient Acceleration / Fuel & Oil System

| Parameter              | Rating        | Actual | Limit       | Units    |
|------------------------|---------------|--------|-------------|----------|
| Acceleration Time      | 7B26, 7B26/B1 | 3.3    | 5.0         | Sec      |
| Oil Consumption        |               | 0.02   | 0.1         | Gal / hr |
| Oil Consumption Time   |               | 0.6    |             | hrs      |
| Corrected Oil Pressure |               | 59.3   | 47.3 - 69.0 | PSID     |
| Fuel System Inhibited  |               | Y      |             |          |
| Oil System Inhibited   |               | Y      |             |          |

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# StandardAero CFM56-7B Acceptance Testing Results Summary

## Leakage

| Fuel [cc/hr]   | Actual | Limit | Oil [cc/hr]        | Actual | Limit |
|----------------|--------|-------|--------------------|--------|-------|
| VSV Actuator   | 0.0    | 120.0 | Heat Exchanger     | 0.0    | 7.0   |
| VBV Actuator   | 0.0    | 120.0 | AGB IDG Pad        | 0.0    | 1.0   |
| Main Fuel Pump | 0.0    | 120.0 | AGB Handcrank Pad  | 0.0    | 1.0   |
| Heat Exchanger | 0.0    | 20.0  | Hydraulic Sump Pad | 0.0    | 1.0   |
| HMU            | 0.0    | 90.0  | Fwd Sump           | 0.0    | 15.0  |
| HPTACC         | 0.0    | 180.0 |                    |        |       |
| LPTACC         | 0.0    | 180.0 |                    |        |       |
| TBV            | 0.0    | 180.0 |                    |        |       |
| BSV            | 0.0    | 180.0 |                    |        |       |

Test Result: Pass

Operator:  

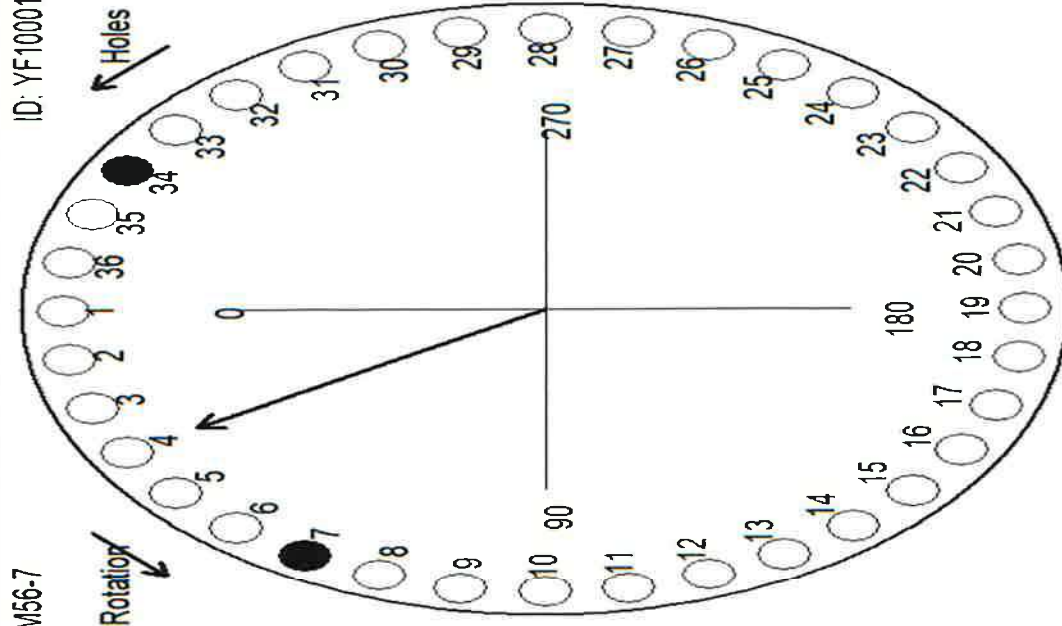
1st Solution  
Final Solution

# >>>> FORWARD LOOKING AFT <<<<

367.989 Gm-Cm @ 30.0 degrees

CFM56-7

ID: YF100014/ 892820



## Recommended Balance Solution

Weights To Remove

|   | Weight | Hide |
|---|--------|------|
| 1 |        |      |
| 2 |        |      |
| 3 |        |      |
| 4 |        |      |
| 5 |        |      |

Weights To Install

|   | Weight                           | Hide |
|---|----------------------------------|------|
| 1 | PO 6                             | 7    |
| 2 | PO 4264/3<br>11/26/24<br>P10 783 | 34   |
| 3 |                                  |      |
| 4 |                                  |      |
| 5 |                                  |      |

Details

Recalculate

# ENGINE VIBRATION ANALYSIS



Software Version 2.65.3.11

N. 3B BEARING TEST

Operating System Windows 10 64 bytes

Hardware System Apollo

AIRLINE / SHOP Shop

OPERATOR NAME

TEST CELL

ENGINE TYPE CFM56-7B

ESN 892820

TSN 52476

CSN 25281

TSI 0

CSI 0

DATE 2024/11/26 16:50:50

COMMENTS

SNECMA DATE 2019/04/11

ENGINE DATE 2019/04/11

ENGINE\_SI DATE 2019/04/11

ENGINE SPECIFICATIONS MCT XCM-00117201

ENGINE\_SI SPECIFICATIONS MCT XCM-00117201

## TRANSIENT ACCELERATION ANALYSIS ({K1;K2} Campbell Study)

Acceleration Level < 0.60 gPeak

No correlation with 3B harmonic

NO ALARM

## TRANSIENT DECELERATION ANALYSIS ({K1;K2} Campbell Study)

Acceleration Level < 0.60 gPeak

No correlation with 3B harmonic

NO ALARM

# ENGINE VIBRATION ANALYSIS



Software Version 2.65.3.11

N. 4L BEARING TEST

Operating System Windows 10 64 bytes

Hardware System Apollo

AIRLINE / SHOP Shop

OPERATOR NAME

TEST CELL

ENGINE TYPE CFM56-7B

ESN 892820

TSN 52476

CSN 25281

TSI 0

CSI 0

DATE 2024/11/26 16:50:50

COMMENTS

SNECMA DATE 2019/04/11

ENGINE DATE 2019/04/11

ENGINE\_SI DATE 2019/04/11

ENGINE SPECIFICATIONS MCT XCM-00117201

ENGINE\_SI SPECIFICATIONS MCT XCM-00117201

## TRANSIENT ACCELERATION ANALYSIS ({K1;K2} Campbell Study)

Acceleration Level < 0.55 gPeak

No correlation with 4L harmonic

NO ALARM

## TRANSIENT DECELERATION ANALYSIS ({K1;K2} Campbell Study)

Acceleration Level < 0.55 gPeak

No correlation with 4L harmonic

NO ALARM

# ENGINE VIBRATION ANALYSIS



Software Version 2.65.3.11

N. 4R BEARING TEST

Operating System Windows 10 64 bytes

Hardware System Apollo

AIRLINE / SHOP Shop

OPERATOR NAME

## TEST CELL

ENGINE TYPE CFM56-7B

ESN 892820

TSN 52476

CSN 25281

TSI 0

CSI 0

DATE 2024/11/26 16:50:50

## COMMENTS

SNECMA DATE 2019/04/11

ENGINE DATE 2019/04/11

ENGINE\_SI DATE 2019/04/11

ENGINE SPECIFICATIONS MCT XCM-00117201

ENGINE\_SI SPECIFICATIONS MCT XCM-00117201

Acceleration Level < 0.30 g's

No correlation with N. 4R harmonic

N. 4R BEARING PASSED

## STEADY ANALYSIS

No.1BGR: NO ALARM

FFCCV: NO ALARM

Quantity of points acquired / possible: 7 / 31

#1: 87%N2

#2: 92%N2

#3: 93%N2

#4: 95%N2

#5: 98%N2

#6: 73%N2

#7: 58%N2

## TRANSIENT ACCELERATION ANALYSIS

No.1BGR: NO ALARM

FFCCV: NO ALARM

Quantity of points acquired / possible: 16 / 31

#1: 79%N2

#2: 82%N2

#3: 85%N2

#4: 86%N2

#5: 87%N2

#6: 88%N2

#7: 89%N2

#8: 90%N2

#9: 91%N2

#10: 92%N2

#11: 93%N2

#12: 94%N2

#13: 95%N2

#14: 96%N2

#15: 97%N2

#16: 98%N2

## TRANSIENT DECELERATION ANALYSIS

**No.1BGR: NO ALARM**

**FFCCV: NO ALARM**

Quantity of points acquired / possible: 23 / 31

|            |            |            |            |
|------------|------------|------------|------------|
| #1: 98%N2  | #2: 97%N2  | #3: 96%N2  | #4: 95%N2  |
| #5: 94%N2  | #6: 93%N2  | #7: 92%N2  | #8: 91%N2  |
| #9: 90%N2  | #10: 89%N2 | #11: 88%N2 | #12: 87%N2 |
| #13: 86%N2 | #14: 85%N2 | #15: 82%N2 | #16: 79%N2 |
| #17: 76%N2 | #18: 73%N2 | #19: 70%N2 | #20: 67%N2 |
| #21: 64%N2 | #22: 61%N2 | #23: 58%N2 |            |

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

# AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

4. Organization Name and Address:

General Electric Company  
Erlanger Center  
1800 Donaldson Hwy  
Erlanger, KY 41018  
FAA Production Certificate #108

5. Work Order/Contract/Invoice  
Number:  
C22641

3. Form Tracking Number:  
24E-C22641

| 6. Item: | 7. Description:  | 8. Part Number: | 9. Quantity: | 10. Serial Number: | 11. Status/Work |
|----------|------------------|-----------------|--------------|--------------------|-----------------|
| 1        | SCREW SOCKETHEAD | 9111M35P06      | 20           | N/A                | NEW             |

## AIRWORTHINESS APPROVAL - ARTICLE

12. Remarks:

13a. Certifies the items identified above were manufactured in conformity to:

☒ Approved design data and are in a condition for safe operation.

☐ Non-approved design data specified in Block 12.

14a. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12

Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

13b. Authorized Signature:

*Carol M. Manning*

13c. Approval/Authorization No.:  
PC108

14b. Authorized Signature:

14c. Approval/Certificate No.:

13d. Name (Typed or Printed)

Manning, Carol michele

13e. Date(dd/mm/yyyy):  
12 SEP 2024

14d. Name (Typed or Printed):

14e. Date(dd/mm/yyyy):

## User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in 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.

FAA Form 8130-3 (02-14)

Paperwork Reduction Act Statement:

An agency may not conduct or sponsor and a person is not required to respond to, a collection of information unless it displays a currently valid OMB control number associated with this collection of information is 2120-0018. Comments concerning the accuracy of this burden and suggestions for reducing the burden should be directed to the FAA at: 800 Independence Ave. SW, Washington, DC 20591, Attention: Information Collection Clearance Officer, ABA-20.

NSN:0052-00-012-9005

HIST SEQ:  COND: FN

\*50351909\*

ITEM: 9111M35P06

PL: 38

LOT: CE-128-1

BIN: A01G

RECD: 09/16/24

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

# 2. AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

4. Organization Name and Address:

General Electric Company  
Crescent Park Logistics Center  
9819 Crescent Park Drive  
West Chester, OH 45069  
FAA Production Certificate #108

3. Form Tracking Number:  
24C-C01144

5. Work Order/Contract/Invoice  
Number:  
C01144

| 6. Item: | 7. Description:   | 8. Part Number: | 9. Quantity: | 10. Serial Number: | 11. Status/Work |
|----------|-------------------|-----------------|--------------|--------------------|-----------------|
| 1        | SCREW SOCKET HEAD | 9111M35P10      | 5            | N/A                | NEW             |
| 2        | SCREW SOCKET HEAD | 9111M35P10      | 5            | N/A                | NEW             |
| 3        | SCREW SOCKET HEAD | 9111M35P10      | 5            | N/A                | NEW             |

12. Remarks: AIRWORTHINESS APPROVAL - ARTICLE

13a. Certifies the items identified above were manufactured in conformity to:

- ☒ Approved design data and are in a condition for safe operation.  
☐ Non-approved design data specified in Block 12.

13b. Authorized Signature:

*Ramata Daff*

13c. Approval/Authorization No.: PC108

13d. Name (Typed or Printed)  
DAFF, RAMATA R

13e. Date(dd/mm/yyyy):  
22 MAY 2024

14a. ☐ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12  
Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.

14b. Authorized Signature:

14c. Approval/Certificate No.:

14d. Name (Typed or Printed):

14e. Date(dd/mm/yyyy):

## User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in 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.

FAA Form 8130-3 (02-14)

NSN:0052-00-012-9005

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ITEM: 9111M35P10 PL: 38  
LOT: CE-170-1 BIN: 14C9  
RECD: 05/23/24



## **QEC / LRU Inventory**

**Engine Model: CFM56-7B24/3 - Engine Serial Number: 892820****TSN: 52476****CSN: 25281**

|    | Part Name                       | Part No. Received | Serial No Received | Verified Work Accomplish | Part No. Shipped | Serial No. Shipped       | Inspector |
|----|---------------------------------|-------------------|--------------------|--------------------------|------------------|--------------------------|-----------|
| 1  | CFM56-7B24/3 Engine             | CFM56-7B26/3      | 892820             | GVI INSITU               | CFM56-7B24/3     | 892820                   | S Dorsett |
| 2  | AIR STARTER                     | 3505945-12        | GRTF3236           | GVI INSITU               | 3505945-12       | GRTF3236                 | S Dorsett |
| 3  | START VALVE                     | 3289630-2         | 12292              | GVI INSITU               | 3289630-2        | 12292                    | S Dorsett |
| 4  | ALTERNATOR STATOR               | 510846-1          | GJA71480           | GVI INSITU               | 510846-1         | GJA71480                 | S Dorsett |
| 5  | ALTERNATOR ROTOR                | 505344-1          | GJA70340           | Not Disturbed            | 505344-1         | GJA70340                 | S Dorsett |
| 6  | ELECTRONIC CONTROL UNIT         | 2044M16P04        | FFFB0220           | GVI INSITU               | 2044M16P04       | FFFB0220                 | S Dorsett |
| 7  | ECU SOFTWARE                    | 2044M25P20        | N/A                | GVI INSITU               | 2044M25P20       | N/A                      | S Dorsett |
| 8  | IGNITION EXCITER RIGHT          | 10-631045-1       | BNDCT451           | GVI INSITU               | 10-631045-3      | LTM964 Visually Verified | S Dorsett |
| 9  | IGNITION EXCITER LEFT           | 10-631045-3       | UNJER631           | GVI INSITU               | 10-631045-3      | UNJER631                 | S Dorsett |
| 10 | FUEL NOZZLE FILTER              | FA00631C          | EM383832-9         | Not Disturbed            | FA00631C         | EM383832-9               | S Dorsett |
| 11 | FUEL NOZZLE FILTER              | N/A               | N/A                | N/A                      | N/A              | N/A                      | S Dorsett |
| 12 | FUEL FLOW TRANSMITTER           | 8TJ167GHW1        | FDTC1938           | GVI INSITU               | 8TJ167GHW1       | FDTC1938                 | S Dorsett |
| 13 | MAIN FUEL PUMP                  | 828300-11         | YA049425-2         | GVI INSITU               | 828300-11        | YA049425-2               | S Dorsett |
| 14 | TURBINE CLEARANCE CONTROL VALVE | 3291186-6         | GRTT3651           | GVI INSITU               | 3291186-6        | GRTT3651                 | S Dorsett |
| 15 | HYDROMECHANICAL UNIT            | 442597            | BECW8486           | GVI INSITU               | 442653           | BECW8486                 | S Dorsett |
| 16 | IDG OIL COOLER                  | 45731-1393        | EM551983-N         | GVI INSITU               | 45731-1393       | EM551983-N               | S Dorsett |

|    |                                   |               |             |               |               |             |           |
|----|-----------------------------------|---------------|-------------|---------------|---------------|-------------|-----------|
| 17 | LPTACC VALVE                      | C24937001-1/A | EM471758-K  | GVI INSITU    | C24937001-1/A | EM471758-K  | S Dorsett |
| 18 | LUBRICATION UNIT                  | 41F1005       | YT131723-5  | GVI INSITU    | 41F1005       | YT131723-5  | S Dorsett |
| 19 | ANTI-SIPHON VALVE                 | 41F3003       | YT135658-V  | GVI INSITU    | 41F3003       | YT135658-V  | S Dorsett |
| 20 | OIL CLOGGING TRANSMITTER          | QA07656       | RH10-1290   | GVI INSITU    | QA07656       | RH10-1290   | S Dorsett |
| 21 | OIL SCAVENGE FILTER               | 41F9003       | YT120840-N  | GVI INSITU    | 41F9003       | YT120840-N  | S Dorsett |
| 22 | OIL TANK                          | 340-403-802-0 | YT124915-1  | GVI INSITU    | 340-403-802-0 | YT124915-1  | S Dorsett |
| 23 | OIL/FUEL HEAT EXCHANGER           | 45332-8039    | YB031550-P  | GVI INSITU    | 45332-8039    | YB031550-P  | S Dorsett |
| 24 | SERVO FUEL HEATER                 | 45731-1382    | EM159668-K  | GVI INSITU    | 45731-1382    | EM159668-K  | S Dorsett |
| 25 | THERMOCOUPLE HPTCC                | N/A           | N/A         | Not Received  |               |             | S Dorsett |
| 26 | TRANSIENT BLEED VALVE             | 3291390-3     | GRTS8186    | GVI INSITU    | 3291390-3     | GRTS8186    | S Dorsett |
| 27 | VBV BALLSCREW ACTUATOR LHS        | 1226400       | YU119758-T  | GVI INSITU    | 1226400       | YU119758-T  | S Dorsett |
| 28 | VBV BALLSCREW ACTUATOR RHS        | 1226400       | EM485485-6  | GVI INSITU    | 1226400       | EM485485-6  | S Dorsett |
| 29 | VBV DOORS (12 ea)                 | Not Visible   | Not Visible | Not Disturbed | Not Visible   | Not Visible | S Dorsett |
| 30 | VSV ACTUATOR LHS                  | 1211313-010   | APMTK962    | GVI INSITU    | 1211313-010   | APMTK962    | S Dorsett |
| 31 | VSV ACTUATOR RHS                  | 1211313-010   | APMTK886    | GVI INSITU    | 1211313-010   | APMTK886    | S Dorsett |
| 32 | FUEL MANIFOLD VALVE               | N/A           | N/A         | Not Received  |               |             | S Dorsett |
| 33 | FUEL DIFFERENTIAL PRESSURE SWITCH | QA07995       | RC7-6436    | GVI INSITU    | QA07995       | RC7-6436    | S Dorsett |
| 34 | PRESSURE SWITCH                   | 21SN41-52     | K040314A    | Not Received  |               |             | S Dorsett |

|    |                                       |               |            |            |               |                         |           |
|----|---------------------------------------|---------------|------------|------------|---------------|-------------------------|-----------|
| 35 | PRECOOLER CONTROL VALVE               | 3289562-5     | 9523MR     | GVI INSITU | 3289562-5     | 9523MR                  | S Dorsett |
| 36 | COWL TAI VALVE ASSEMBLY               | 3215618-5     | 5177       | GVI INSITU | 3215618-5     | 5177                    | S Dorsett |
| 37 | VALVE, GROUND WING TAI TEMP SOLENOID  | 320548-2      | 10465      | GVI INSITU | 320548-2      | 10465                   | S Dorsett |
| 38 | HYDRAULIC PUMP                        | 66087         | K0097      | GVI INSITU | 66087         | K0097                   | S Dorsett |
| 39 | PRESSURE REGULATION AND SHUTOFF VALVE | 3214552-5     | 3522       | GVI INSITU | 3214552-5     | 3522                    | S Dorsett |
| 40 | BLEED AIR REGULATOR                   | 107492-6      | 4526GC     | GVI INSITU | 107492-6      | 4526GC                  | S Dorsett |
| 41 | IDG AIR/OIL COOLER                    | UA538551-3    | 11163R     | GVI INSITU | UA538551-3    | 11163R                  | S Dorsett |
| 42 | IDG                                   | 761574B       | AAAH004935 | GVI INSITU | 761574B       | AAAH004935              | S Dorsett |
| 43 | HIGH STAGE VALVE                      | 3214446-4     | 8808       | GVI INSITU | 3214446-4     | 8808                    | S Dorsett |
| 44 | CHECK VALVE                           | 3202222-1     | 16273      | GVI INSITU | 3202222-1     | 16273                   | S Dorsett |
| 45 | HIGH STAGE REGULATOR                  | 107484-7      | 14071      | GVI INSITU | 107484-7      | 14071                   | S Dorsett |
| 46 | FORWARD MOUNT                         | 310A2020-11   | NSN183927  | GVI INSITU | 310A2020-11   | NSN183927               | S Dorsett |
| 47 | AFT MOUNT                             | 310A2030-19   | NSN189802  | GVI INSITU | 310A2030-25   | B1405 Visually Verified | S Dorsett |
| 48 | EXHAUST NOZZLE                        | N/A           | N/A        | N/A        | N/A           | N/A                     | S Dorsett |
| 49 | CENTERBODY                            | N/A           | N/A        | N/A        | N/A           | N/A                     | S Dorsett |
| 50 | HARNESS MW0315                        | 325-027-303-0 | EM289378-J | GVI INSITU | 325-027-303-0 | EM289378-J              | S Dorsett |
| 51 | HARNESS MW0316                        | 325-027-404-0 | EM294416-9 | GVI INSITU | 325-027-404-0 | EM294416-9              | S Dorsett |
| 52 | HARNESS MW0325                        | 325-027-506-0 | YH345954-K | GVI INSITU | 325-027-506-0 | YH345954-K              | S Dorsett |

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| 53 | HARNESS MW0326    | 325-027-606-0 | EM302230-T | GVI INSITU | 325-027-606-0 | EM302230-T | S Dorsett |
| 54 | HARNESS MW0301    | 325-035-503-0 | EM254372-0 | GVI INSITU | 325-035-503-0 | EM254372-0 | S Dorsett |
| 55 | HARNESS MW0302    | 325-026-902-0 | EM259379-L | GVI INSITU | 325-026-902-0 | EM259379-L | S Dorsett |
| 56 | HARNESS MW0303    | 325-015-001-0 | EM264379-7 | GVI INSITU | 325-015-001-0 | EM264379-7 | S Dorsett |
| 57 | HARNESS MW0304    | 325-035-201-0 | EM269367-7 | GVI INSITU | 325-035-201-0 | EM269367-7 | S Dorsett |
| 58 | HARNESS MW0311    | 325-029-908-0 | EM271631-Y | GVI INSITU | 325-029-908-0 | EM271631-Y | S Dorsett |
| 59 | HARNESS MW0312    | 325-045-301-0 | EM279461-B | GVI INSITU | 325-045-301-0 | EM279461-B | S Dorsett |
| 60 | HARNESS MW0313    | 325-026-801-0 | EM284389-K | GVI INSITU | 325-026-801-0 | EM284389-K | S Dorsett |
| 61 | HARNESS CJ10      | 325-025-401-0 | EM246764-R | GVI INSITU | 325-025-401-0 | EM246764-R | S Dorsett |
| 62 | HARNESS CJ9       | 325-045-201-0 | EM241764-C | GVI INSITU | 325-045-201-0 | EM241764-C | S Dorsett |
| 63 | HARNESS J5        | 325-034-902-0 | EM214328-F | GVI INSITU | 325-034-902-0 | EM214328-F | S Dorsett |
| 64 | HARNESS J6        | 325-035-003-0 | EM219390-H | GVI INSITU | 325-035-003-0 | EM219390-H | S Dorsett |
| 65 | HARNESS J7        | 325-025-702-0 | YH653771-7 | GVI INSITU | 325-025-702-0 | YH653771-7 | S Dorsett |
| 66 | HARNESS J8        | 325-025-803-0 | EM229381-1 | GVI INSITU | 325-025-803-0 | EM229381-1 | S Dorsett |
| 67 | HARNESS J9        | 325-043-401-0 | EM231762-0 | GVI INSITU | 325-043-401-0 | EM231762-0 | S Dorsett |
| 68 | HARNESS J10       | 325-043-502-0 | EM236754-B | GVI INSITU | 325-043-502-0 | EM236754-B | S Dorsett |
| 69 | IGNITION LEAD LHS | 9059110-1     | KED060     | GVI INSITU | 9059110-1     | KED060     | S Dorsett |
| 70 | IGNITION LEAD RHS | 9059110-1     | UNK41449   | GVI INSITU | 9059110-1     | UNK41449   | S Dorsett |

|    |                                   |                 |            |               |                 |            |           |
|----|-----------------------------------|-----------------|------------|---------------|-----------------|------------|-----------|
| 71 | N2 SPEED SENSOR                   | 3218KGB01       | EM171504-Y | GVI INSITU    | 320-549-005-0   | EM171504-Y | S Dorsett |
| 72 | N1 SPEED SENSOR                   | 3215KGB01       | EM177865-K | GVI INSITU    | 3215KGB01       | EM177865-K | S Dorsett |
| 73 | OIL PRESSURE SENSOR               | APTE8A20007BARD | YK016855-9 | GVI INSITU    | APTE8A20007BARD | YK010587-9 | S Dorsett |
| 74 | OIL LEVEL SENSOR                  | 8TJ146CFA1      | YE023965-B | GVI INSITU    | 8TJ146CFA1      | YE023965-B | S Dorsett |
| 75 | OIL TEMPERATURE SENSOR            | RP238-00        | EM357631   | GVI INSITU    | RP238-00        | EM357631   | S Dorsett |
| 76 | PROBE T49.5 UPPER LHS             | TC296-03        | YC505482-J | GVI INSITU    | TC296-03        | YC505482-J | S Dorsett |
| 77 | PROBE T49.5 UPPER RHS             | TC296-03        | DN738589-H | GVI INSITU    | TC296-03        | DN738589-H | S Dorsett |
| 78 | PROBE T49.5 LOWER LHS             | TC296-03        | YC508153-L | GVI INSITU    | TC296-03        | YC508153-L | S Dorsett |
| 79 | PROBE T49.5 LOWER RHS             | TC296-03        | YC505486-Y | GVI INSITU    | TC296-03        | YC505486-Y | S Dorsett |
| 80 | SPARK IGNITER MAIN RIGHT          | CH31900-6       | 20011466   | GVI INSITU    | CH31900-6       | 20011466   | S Dorsett |
| 81 | SPARK IGNITER MAIN LEFT           | CH31900-6       | LGN979     | Not Disturbed | CH31900-6       | Not Visual | S Dorsett |
| 82 | T12 TEMP SENSOR                   | N/A             | N/A        | N/A           | N/A             | N/A        | S Dorsett |
| 83 | T3 SENSOR - COMP. DISCHARGE TEMP. | 8TC19AAN1       | FDT80824   | GVI INSITU    | 8TC19AAN1       | FDT80824   | S Dorsett |
| 84 | T5 SENSOR                         | TC292-02        | YC510387-1 | Not Disturbed | TC292-02        | YC510387-1 | S Dorsett |
| 85 | VIBRATION SENSOR BRG 1            | 144-186-000-011 | EM583309-N | Not Disturbed | 144-186-000-011 | EM583309-N | S Dorsett |
| 86 | VIBRATION SENSOR FFCC             | 144-187-000-011 | YV163969-4 | Not Disturbed | 144-187-000-011 | YV163969-4 | S Dorsett |
| 87 | PT25 PROBE                        | RP236-00        | YC069338-T | GVI INSITU    | RP236-00        | YC069338-T | S Dorsett |
| 88 | DMS DETECTOR                      | N/A             | N/A        | N/A           | N/A             | N/A        | S Dorsett |

|    |                            |               |            |            |               |            |           |
|----|----------------------------|---------------|------------|------------|---------------|------------|-----------|
| 89 | DMS BOX                    | N/A           | N/A        | N/A        | N/A           | N/A        | S Dorsett |
| 90 | FIRE DETECTOR UPPER FAN    | 902864        | 8064       | GVI INSITU | 902864        | 8064       | S Dorsett |
| 91 | FIRE DETECTOR LOWER FAN    | 902016-01     | 8077       | GVI INSITU | 902016-01     | 8077       | S Dorsett |
| 92 | FIRE DETECTOR LEFT CORE    | 902862        | 9359       | GVI INSITU | 902862        | 9359       | S Dorsett |
| 93 | FIRE DETECTOR RIGHT CORE   | 902018-02     | 9397       | GVI INSITU | 902018-01     | 9397       | S Dorsett |
| 94 | CONNECTOR - IDENTIFICATION | 390-660-401-0 | PB012738-4 | GVI INSITU | 390-660-401-0 | PB012738-4 | S Dorsett |