

## MARKETING SUMMARY / September 2025

| Preliminary Engine Data         |                                                                               |
|---------------------------------|-------------------------------------------------------------------------------|
| Engine Model:                   | CFM56-5B6/P                                                                   |
| Engine Total Time:              | 41,240 Hours                                                                  |
| Engine Total Cycles:            | 32,661 Cycles                                                                 |
| Since Repair:                   | 0.0 Hrs. / 0 Cyc.                                                             |
| Limiter at 5B6/P:               | 6,491 CR                                                                      |
| EGT Margin:                     | 81.9°C @ 23.5K                                                                |
|                                 | 72.6°C @ 27K                                                                  |
|                                 | 72.6°C @ 27K                                                                  |
|                                 | 39.2°C @ 32K                                                                  |
| Current Status:                 | Fresh out of Shop Visit                                                       |
|                                 |                                                                               |
| Available on:                   | Immediate Delivery                                                            |
| List Price:                     | \$7,950,000                                                                   |
| Refundable Deposit:             | 20% of purchase price due 3 days after LOI Signature                          |
| Workmanship Warranty:           | Engine comes with GEM's Workmanship Warranty, whichever occurs                |
| first of:                       | <ul style="list-style-type: none"> <li>• 18 months in operation</li> </ul>    |
|                                 | <ul style="list-style-type: none"> <li>• 24 months after delivery</li> </ul>  |
|                                 | <ul style="list-style-type: none"> <li>• 1,800 cycles in operation</li> </ul> |
|                                 |                                                                               |
| Terms:                          | All other terms and conditions will be defined in the LOI                     |
|                                 |                                                                               |
| Projected Engine Configuration: |                                                                               |
| Shipping Stand:                 | Not included (Loaner available)                                               |
| QEC: Neutral QEC except for:    | Hydraulic Pump, IDG, Starter, Anti-Ice Valve                                  |
| Records:                        | Full BTB                                                                      |
| Certification:                  | FAA/EASA Dual Release                                                         |
| Delivered at:                   | USA, FL                                                                       |

## **Workscope Summary:**

### **Disassembly and Repair**

The subject engine was repaired in accordance with the CFM56-5 Engine Shop Manual CFMI. TP. SM. 9 Rev. 81 dated March 15, 2025.

#### **Fan Major Module (ATA 72-00-01)**

The module was inspected per Task 72-00-00-800-110 Special Procedure 110 to make serviceable.

#### **HPC Rotor Module (ATA 72-31)**

The module was partially disassembled, cleaned, NDT, inspected and repaired as necessary to include the following:

- HPC Blades Stg. 1: Installed 38 each in Overhauled condition.
- HPC Blades Stg. 2: Installed 41 each in Overhauled condition and 12 each in repaired condition.
- HPC Blades Stg. 3: Installed 20 each in Overhauled condition and 40 each in repaired condition.
- HPC Blades Stg. 4: Installed 1 each in New condition and 67 each in Overhauled condition.
- HPC Blades Stg. 5: Installed 50 each in Overhauled condition and 25 each inspected to make serviceable.
- HPC Blades Stg. 6: Installed 29 each in Overhauled condition and 53 each inspected to make serviceable.
- HPC Blades Stg. 7: Installed 82 each in Overhauled condition.
- HPC Blades Stg. 8: Installed 4 in New Condition and 76 each in Overhauled condition.
- HPC Blades Stg. 9: Installed 2 each in New condition and 74 each in Overhauled condition.
- HPC Rotor was reassembled, match ground to the Stator Cases, and dynamically balanced.

#### **HPC Forward Assy (ATA 72-32)**

HPC Forward Stator Case Assembly was partially disassembled, cleaned, NDT, inspected and repaired as necessary to include the following:

- HPC Stator Vane (IGV): Inspected 42 each to make serviceable.
- HPC Stator Variable Vanes Stg. 1: Installed 9 each in Overhauled condition, 23 each inspected and 50 each in repaired condition.
- HPC Stator Variable Vanes Stg. 2: Inspected 84 each to make serviceable. 84 each
- HPC Stator Variable Vanes Stg. 3: Inspected 72 each to make serviceable.
- HPC Stator Seal Stg. 1: Installed 4 each in Overhauled condition.
- HPC Stator Seal Stg. 2: Installed 4 each in Overhauled condition.
- HPC Stator Seal Stg. 3: Installed 4 each in Overhauled condition.
- HPC Stator Shroud IGV: Inspected 2 each to make serviceable.
- HPC Stator Shrouds Stg. 1: Installed 12 each in Overhauled condition.
- HPC Stator Shroud Stg. 2: Installed 12 each in Overhauled condition
- HPC Stator Shroud Stg. 3: Installed 2 each in New condition and 8 each in Overhauled condition.
- HPC Forward Stator Case Assembly was match ground to HPC Rotor.

#### **HPC Rear Stator Case (ATA 72-33)**

HPC Rear Stator Case Assembly was cleaned inspected and repaired as necessary to make serviceable.

#### **Combustion Core Major Module (ATA 72-41 and 72-42)**

The Combustion Case Assembly was partially disassembled, cleaned, inspected per Special procedure 110 task 72-00-00-800-110 and repaired as necessary to include the following:

- Fuel Nozzles: Installed 7 each in Overhauled condition and 13 each inspected and tested.
- HPT Inner Stationary Seal: Installed in Overhauled condition.
- Combustion Chamber Assembly: Inspected to make serviceable.

#### **HPT Turbine Nozzle (ATA 72-51)**

The HPT Turbine Nozzle assembly was partially disassembled, cleaned, inspected per Special procedure 110 task 72-00-00-800-110 and repaired

as necessary to include the following:

- HPT AFT Outer Stationary Seal: Inspected to make serviceable.

#### **HPT Rotor Module (ATA 72-52)**

The HPT Rotor was cleaned, inspected per Special procedure 110 task 72-00-00-800-110 and repaired as necessary to include the following:

- HPT Rotor Assembly was tip ground and dynamically balanced

#### **HPT Shroud and LPT Nozzle Assembly (ATA 72-53)**

The HPT Shroud and LPT Nozzle Assembly was partially disassembled, cleaned, inspected per Special procedure 110 task 72-00-00-800-110 and repaired as necessary to include the following:

- HPT Stator Shrouds: Installed 42 each in Overhauled condition.
- The unit was assembled and match ground the shrouds to the HPT Rotor.

#### **LPT Major Module (ATA 72-00-03)**

LPT Major Module was partially disassembled, cleaned, inspected per Special procedure 110 task 72-00-00-800-110 and repaired as necessary to include the following:

- LPT Disk Stg. 4: Installed in Overhauled condition.
- LPT Blades Stg. 4: Installed 134 each in Overhauled condition.
- LPT Shaft Module: Repaired to make serviceable.
- No. 4 Bearing: Installed in Overhauled condition.
- No. 5 Bearing: Inspected to make serviceable.
- LPT Rear Frame Assy: Repaired to make serviceable
- The LPT Module was reassembled and dynamically balanced.

#### **Transfer Gearbox (ATA 72-62)**

Transfer Gearbox Module: Inspected as exposed per Task 72-00-00-800-110 Special Procedure 110.

#### **Accessory Gearbox (ATA 72-63)**

The Accessory Gearbox Assembly: Inspected as exposed per Task 72-00-00-800-110 Special Procedure 110.

#### **Accessories**

Actuator Variable Stator: Overhauled (2 each)

Fuel Flow Transmitter: Overhauled.

LPT ACC Valve: Overhauled.

EGT Harness (4 each): Inspected and Tested.

EGT Coupling: Inspected and Tested.

EGT Coupling Upper: Inspected and Tested.

TC Wiring Harness: Overhauled.

Harness Wiring J12: Repaired and tested.

Igniter Plug: New (2 each)

**The Following Airworthiness Directives / Service Bulletins were accomplished at this shop visit:**

#### **Airworthiness Directives:**

- 2002-13-03 – LPT Stg. 4 Disk
- 2006-26-01 – Installed Filters
- 2009-18-01 – TRF Inspection

#### **Service Bulletins:**

- 72-0620

## ENGINE LIFE LIMITED COMPONENT RECORD

|                       |                |                  |               |                 | CYCLES USED IN |        |        |        |      |                     |                   |                     |                   |                     |                   |                     |                   |
|-----------------------|----------------|------------------|---------------|-----------------|----------------|--------|--------|--------|------|---------------------|-------------------|---------------------|-------------------|---------------------|-------------------|---------------------|-------------------|
|                       | PART<br>NUMBER | SERIAL<br>NUMBER | TOTAL<br>TIME | TOTAL<br>CYCLES | S&SP           | S&LP   | S&SP   | S&SP   | S&TP | CYCLE LIMIT<br>S&SP | CYCLE REM<br>S&SP | CYCLE LIMIT<br>S&LP | CYCLE REM<br>S&LP | CYCLE LIMIT<br>S&SP | CYCLE REM<br>S&SP | CYCLE LIMIT<br>S&SP | CYCLE REM<br>S&SP |
| LPC MODULE            |                |                  |               |                 |                |        |        |        |      |                     |                   |                     |                   |                     |                   |                     |                   |
| FAN DISK STG 1        | 338-001-504-0  | BC408583         | 41,243.56     | 22,954          | 1,829          | 19,951 | 0      | 1,174  | 0    | 30,000              | 7,046             | 30,000              | 7,046             | 30,000              | 7,046             | 30,000              | 7,046             |
| BOOSTER SPOOL         | 338-001-906-0  | DC095150         | 32,159.56     | 22,202          | 1,829          | 0      | 19,199 | 1,174  | 0    | 30,000              | 7,798             | 30,000              | 7,798             | 30,000              | 7,798             | 30,000              | 7,798             |
| SHAFT, FAN            | 338-010-601-0  | DC902591         | 33,299.56     | 22,736          | 1,829          | 0      | 19,733 | 1,174  | 0    | 30,000              | 7,264             | 30,000              | 7,264             | 30,000              | 7,264             | 30,000              | 7,264             |
| HPC MODULE            |                |                  |               |                 |                |        |        |        |      |                     |                   |                     |                   |                     |                   |                     |                   |
| HPC FRONT SHAFT       | 1386M56P03     | GWN07AAT         | 17,562.48     | 13,509          | 1,829          | 0      | 0      | 11,680 | 0    | 20,000              | 6,491             | 20,000              | 6,491             | 20,000              | 6,491             | 20,000              | 6,491             |
| HPC SPOOL STG 1-2     | 1558M31G07     | GWN019R3         | 17,562.48     | 13,509          | 1,829          | 0      | 0      | 11,680 | 0    | 20,000              | 6,491             | 20,000              | 6,491             | 20,000              | 6,491             | 20,000              | 6,491             |
| HPC DISK STG 3        | 2116M23P01     | XAECPE70         | 17,562.48     | 13,509          | 1,829          | 0      | 0      | 11,680 | 0    | 20,000              | 6,491             | 20,000              | 6,491             | 20,000              | 6,491             | 20,000              | 6,491             |
| HPC SPOOL STG 4-9     | 2048M20G04     | GWN079J9         | 17,562.48     | 13,509          | 1,829          | 0      | 0      | 11,680 | 0    | 20,000              | 6,491             | 20,000              | 6,491             | 20,000              | 6,491             | 20,000              | 6,491             |
| HPC REAR CDP AIR SEAL | 2116M29P01     | GFF5HF9W         | 17,562.48     | 13,509          | 1,829          | 0      | 0      | 11,680 | 0    | 20,000              | 6,491             | 20,000              | 6,491             | 20,000              | 6,491             | 20,000              | 6,491             |
| HPT MODULE            |                |                  |               |                 |                |        |        |        |      |                     |                   |                     |                   |                     |                   |                     |                   |
| HPT FWD SHAFT         | 2048M21P03     | XAECJ746         | 17,562.48     | 13,509          | 1,829          | 0      | 0      | 11,680 | 0    | 20,000              | 6,491             | 20,000              | 6,491             | 20,000              | 6,491             | 20,000              | 6,491             |
| HPT AIR SEAL          | 2116M20P02     | TMT31355         | 17,562.48     | 13,509          | 1,829          | 0      | 0      | 11,680 | 0    | 20,000              | 6,491             | 20,000              | 6,491             | 20,000              | 6,491             | 20,000              | 6,491             |
| HPT DISK              | 1498M43P07     | GWN078MM         | 17,562.48     | 13,509          | 1,829          | 0      | 0      | 11,680 | 0    | 20,000              | 6,491             | 20,000              | 6,491             | 20,000              | 6,491             | 20,000              | 6,491             |
| HPT REAR SHAFT        | 1864M90P04     | TMTA6995         | 17,562.48     | 13,509          | 1,829          | 0      | 0      | 11,680 | 0    | 20,000              | 6,491             | 20,000              | 6,491             | 20,000              | 6,491             | 20,000              | 6,491             |
| LPT MODULE            |                |                  |               |                 |                |        |        |        |      |                     |                   |                     |                   |                     |                   |                     |                   |
| LPT DISK STG 1        | 336-001-804-0  | PC074628         | 17,562.48     | 13,509          | 1,829          | 0      | 0      | 11,680 | 0    | 25,000              | 11,491            | 25,000              | 11,491            | 25,000              | 11,491            | 25,000              | 11,491            |
| LPT DISK STG 2        | 336-001-909-0  | PC094326         | 17,562.48     | 13,509          | 1,829          | 0      | 0      | 11,680 | 0    | 25,000              | 11,491            | 25,000              | 11,491            | 25,000              | 11,491            | 25,000              | 11,491            |
| LPT DISK STG 3        | 336-002-006-0  | PC087030         | 17,562.48     | 13,509          | 1,829          | 0      | 0      | 11,680 | 0    | 25,000              | 11,491            | 25,000              | 11,491            | 25,000              | 11,491            | 25,000              | 11,491            |
| LPT DISK STG 4        | 336-002-105-0  | PC069968         | 17,562.48     | 13,509          | 1,829          | 0      | 0      | 11,680 | 0    | 25,000              | 11,491            | 25,000              | 11,491            | 25,000              | 11,491            | 25,000              | 11,491            |
| ROTOR SUPPORT LPT     | 340-301-702-0  | DK098816         | 17,562.48     | 13,509          | 1,829          | 0      | 0      | 11,680 | 0    | 25,000              | 11,491            | 25,000              | 11,491            | 25,000              | 11,491            | 25,000              | 11,491            |
| LPT SHAFT             | 338-010-005-0  | PA979562         | 17,562.48     | 13,509          | 1,829          | 0      | 0      | 11,680 | 0    | 25,000              | 11,491            | 25,000              | 11,491            | 25,000              | 11,491            | 25,000              | 11,491            |
| REAR LPT FRAME        | #338-171-705-0 | LA134548         | 41,240.48     | 32,061          | 1,829          | 0      | 0      | 30,832 | 0    | 33,324              | 4,700             | 33,324              | 4,700             | 33,324              | 4,700             | 33,324              | 4,700             |
| CASE                  | 338-117-455-0  | DC883787         | 41,240.48     | 32,061          | 1,829          | 0      | 0      | 30,832 | 0    | N/L                 | N/A               | N/L                 | N/A               | N/L                 | N/A               | N/L                 | N/A               |

The above data was obtained from engine records supplied by the previous owners, repair agencies and operators of the engine.

# Rear LPT Frame inspected IAW AD 2009-18-01 per SB 72-0620 and has a re-inspection interval of 4,700 cycles.

DRAFT

Suenrys Rodríguez - Records Analyst