



C&L Aerospace



Engine Model: CT7-9B

Aircraft: SAAB 340B

Engine P/N: 6058T83G01

**C&L
AEROSPACE**

LSV Date for Refurbishment: July 31, 2018

TSN: 37,366.6 **TSLR:** 1,211.1 **CSN:** 44,874 **CSLR:** 1,031 **LSV Date:** July 31, 2018

CT7-9B Engine GE-E-785547

INTRODUCTION:

This engine was input to H+S Aviation due to LCF in the hot section and received major work on all modules except the accessory section. It was repaired, tested, and released on July 31, 2018.

LIFE LIMITED COMPONENT DETAILS (COLD SECTION):

| ITEM | P/N | TSN | CSN | LIFE LIMIT | LIFE REMAINING |
|-----------------|------------|---------|-------|------------|----------------|
| Stage 1 Blisk | 6055T83G16 | 1211.1 | 1031 | 26900 | 25869 |
| Stage 2 Blisk | 6055T84P10 | 1211.1 | 1031 | 20800 | 19769 |
| Stage 3/4 Blisk | 6055T15P10 | 1211.1 | 1031 | 18000 | 16969 |
| Stage 5 Blisk | 6044T42P11 | 11117.1 | 12096 | 35100 | 23004 |
| Impeller | 5123T51P02 | 1211.1 | 1031 | 21600 | 20569 |
| Tie Rod | 5043T04P03 | 11791.9 | 10879 | 40000 | 29121 |
| Rear Shaft | 5086T74P03 | 1211.1 | 1031 | 31800 | 30769 |
| GG Shaft | 6068T44P02 | 1211.1 | 1031 | 28200 | 27169 |

| ITEM | P/N | TSR | CSR | LIFE LIMIT | LIFE REMAINING |
|---------------|------------|--------|------|------------|----------------|
| Midframe Case | 6055T47G08 | 1211.1 | 1031 | N/A | N/A |
| Midframe Assy | 6071T77G11 | 1211.1 | 1031 | N/A | N/A |
| Diffuser Case | 6071T54G05 | 1211.1 | 1031 | N/A | N/A |

HOT SECTION:

| ITEM | P/N | TSN | CSN | LIFE LIMIT | LIFE REMAINING |
|-----------------|------------|--------|------|------------|----------------|
| Stage 2 Aft C/P | 6068T36P04 | 1211.1 | 1031 | 10000 | 8969 |
| Stage 2 Disk | 6064T12P03 | 1211.1 | 1031 | 15000 | 13969 |
| Stage 2 Fwd C/P | 4106T80P01 | 6685.4 | 6249 | 13200 | 6951 |
| Stage 1 Aft C/P | 6064T09P01 | 6640.3 | 7498 | 15000 | 7502 |
| Stage 1 Disk | 6064T06P03 | 7484.4 | 8067 | 15000 | 6933 |
| Stage 1 Fwd C/P | 6064T08P03 | 1211.1 | 1031 | 10000 | 8969 |

POWER TURBINE MODULE:

| ITEM | P/N | TSN | CSN | LIFE LIMIT | LIFE REMAINING |
|-----------------|------------|--------|------|------------|----------------|
| Stage 3 Disk | 6068T21P02 | 1211.1 | 1031 | 18600 | 17569 |
| Stage 4 Disk | 6068T32P05 | 1211.1 | 1031 | 18600 | 17569 |
| PT Shaft | 5121T01G01 | 7393.7 | 5199 | 30000 | 24801 |
| Turb. Int. Seal | 5060T86P05 | 1211.1 | 1031 | 16000 | 14969 |



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Test Performance Summary*:

Ohms Resistance = TBD Ω

| RATE POINT | T4.5 MARGIN DEG.C |
|------------|-------------------|
| *TAKEOFF | Estimated +45° |
| MAX CONT | - |

*Note: To be determined upon engine installation

SUMMARY:

This engine was input to H+S Aviation and received major work scopes to the Cold Section, Hot Section, and PT Module. The engine was repaired, tested and released with no outstanding AD's by H+S Aviation on July 31, 2018. The engine operated 1,211.1 hours and 1,031 cycles since the last shop visit, has been long term preserved and will be released with a fresh 8130 dual release.

*Note:

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