



# C&L Aerospace



**Engine Model:** CT7-9B

**Aircraft:** SAAB 340B

**Engine P/N:** 6058T83G01

**C&L  
AEROSPACE**

**LSV Date for Refurbishment:** February 4, 2021

**TSN:** 34,389.4    **TSLR:** 0    **CSN:** 50,511    **CSLR:** 0    **LSV Date:** February 4, 2021

## CT7-9B Engine GE-E-785562

### INTRODUCTION:

This engine was inducted to H+S Aviation for LLP Replacement where major work scopes were carried out to the Hot and Cold Section. The PTM and Accessory Sections received minor work scopes. The engine was repaired, tested and released by H+S Aviation on February 4, 2021.

### LIFE LIMITED COMPONENT DETAILS (COLD SECTION):

ITEM	P/N	TSN	CSN	LIFE LIMIT	LIFE REMAINING
Stage 1 Blisk	6055T83G16	0	0	26900	26900
Stage 2 Blisk	6055T84P10	0	0	20800	20800
Stage 3/4 Blisk	6055T15P10	0	0	18000	18000
Stage 5 Blisk	4923T40P09	13995.1	20300	35100	14800
Impeller	5123T51P02	4619.7	4395	21600	17205
Tie Rod	5043T04P03	10628.2	16951	40000	23049
Rear Shaft	5086T74P03	10628.2	16951	31800	14849
GG Shaft	6068T44P02	0	0	28200	28200

ITEM	P/N	TSR	CSR	LIFE LIMIT	LIFE REMAINING
Midframe Case	6055T47G08	0	0	N/A	N/A
Midframe Assy	6071T77G11	0	0	N/A	N/A
Diffuser Case	6071T54G05	0	0	N/A	N/A

### HOT SECTION:

ITEM	P/N	TSN	CSN	LIFE LIMIT	LIFE REMAINING
Stage 2 Aft C/P	6068T36P04	0	0	10000	10000
Stage 2 Disk	6064T12P03	4103.9	7059	15000	7941
Stage 2 Fwd C/P	4106T80P01	5869.0	3892	13200	9308
Stage 1 Aft C/P	6064T09P01	4103.9	7059	15000	7941
Stage 1 Disk	6064T06P03	0	0	15000	15000
Stage 1 Fwd C/P	6064T08P03	0	0	10000	10000

### POWER TURBINE MODULE:

ITEM	P/N	TSN	CSN	LIFE LIMIT	LIFE REMAINING
Stage 3 Disk	6068T21P02	4103.9	7059	18600	11541
Stage 4 Disk	6068T32P05	4103.9	7059	18600	11541
PT Shaft	5121T01G02	0	0	30000	30000
Turb. Int. Seal	5060T86P05	4103.9	7059	16000	8941



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## CT7-9B Engine GE-E-785562

### Test Performance Summary:

Ohms Resistance = 3200 Ω

RATE POINT	T4.5 MARGIN DEG.C
TAKEOFF	53.3°C
MAX CONT	TBD

Performance info from February 4, 2021 shop visit

### SUMMARY:

This engine was inducted to H+S Aviation for LLP Replacement where major work scopes were carried out to the Hot and Cold Section. The PTM and Accessory Section received minor work scopes. The engine was repaired, tested and released by H+S Aviation on February 4, 2021 with no outstanding AD's. The following items were installed with zero time at this shop visit.

- Stage 1 Blisk
- Stage 2 Blisk
- Stage ¾ Blisk
- GG Shaft
- Midframe Case
- Diffuser Case
- Centrifugal Diffuser
- Stage 1 Disk
- Stage 1 FCP
- Stage 2 ACP
- Stage 1 Blades (Qty. 38)
- PT Shaft

The engine was kept in storage since its last repair and will receive a fresh preservation run then released with a CAA & EASA Form One from H+S Aviation in July 2022.

**\*Note:**

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