



C&L Aerospace



Engine Model: CT7-9B

Aircraft: SAAB 340B

Engine P/N: 6058T83G01

**C&L
AEROSPACE**

LSV Date for Refurbishment: March 8, 2021

TSN: 33,841.3 **TSLR:** 36.0 **CSN:** 49,372 **CSLR:** 6 **LSV Date:** March 8, 2021

CT7-9B Engine GE-E-785410

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 March 8, 2021.

LIFE LIMITED COMPONENT DETAILS (COLD SECTION):

ITEM	P/N	TSN	CSN	LIFE LIMIT	LIFE REMAINING
Stage 1 Blisk	6055T83G16	11276.8	17814	26900	9086
Stage 2 Blisk	6055T84P10	7696.2	12236	20800	8564
Stage 3/4 Blisk	6055T15P10	7696.2	12236	18000	5764
Stage 5 Blisk	6044T42P11	9914.1	16086	35100	19014
Impeller	5123T51P02	11872.3	12971	21600	8629
Tie Rod	5043T04P03	10576.6	17619	40000	22381
Rear Shaft	5086T74P03	17057.3	25150	31800	6650
GG Shaft	6068T44P02	10576.6	17619	28200	10581

ITEM	P/N	TSR	CSR	LIFE LIMIT	LIFE REMAINING
Midframe Case	5922T42G04	36.0	6	N/A	N/A
Midframe Assy	5922T43G05	36.0	6	N/A	N/A
Diffuser Case	6071T54G05	36.0	6	N/A	N/A

HOT SECTION:

ITEM	P/N	TSN	CSN	LIFE LIMIT	LIFE REMAINING
Stage 2 Aft C/P	6068T36P04	36.0	6	10000	9994
Stage 2 Disk	6064T12P03	4568.2	7689	15000	7311
Stage 2 Fwd C/P	4106T80P01	4568.2	7689	13200	5511
Stage 1 Aft C/P	6064T09P01	4568.2	7689	15000	7311
Stage 1 Disk	6064T06P03	4568.2	7689	15000	7311
Stage 1 Fwd C/P	6064T08P03	36.0	6	10000	9994

POWER TURBINE MODULE:

ITEM	P/N	TSN	CSN	LIFE LIMIT	LIFE REMAINING
Stage 3 Disk	6068T21P02	2265.2	3811	18600	14789
Stage 4 Disk	6068T32P05	2265.2	3811	18600	14789
PT Shaft	5121T01G02	2265.2	3811	30000	26189
Turb. Int. Seal	5060T86P05	2265.2	3811	16000	12189



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Test Performance Summary:

Ohms Resistance = 2270Ω

RATE POINT	T4.5 MARGIN DEG.C
TAKEOFF	49.2°C
MAX CONT	64.1°C

Performance info from March 8, 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 March 8, 2021 with no outstanding AD's. The engine has been long term preserved and will be released with a fresh 8130 dual release.

*Note:

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