



C&L Aerospace



Engine Model: CT7-9B

Aircraft: SAAB 340B

Engine P/N: 6058T83G01

**C&L
AEROSPACE**

LSV Date for Refurbishment: June 19, 2018

TSN: 33,920.7 **TSLR:** 1,876.8 **CSN:** 37,460 **CSLR:** 1,847 **LSV Date:** 19, June 2018

CT7-9B Engine GE-E-785752

INTRODUCTION:

This engine was recently sent to H+S Aviation where a performance and preservation run was carried out on May 26th 2021. The engine was previously inducted to H+S Aviation for LLP replacement where major work scopes were carried out to the Hot Section, PT Module & Accessory Section as well as a minor work scope on the Cold Section.

LIFE LIMITED COMPONENT DETAILS (COLD SECTION):

ITEM	P/N	TSN	CSN	LIFE LIMIT	LIFE REMAINING
Stage 1 Blisk	6055T83G16	10610.5	11837	26900	15063
Stage 2 Blisk	6055T84P10	10610.5	11837	20800	8963
Stage 3/4 Blisk	6055T15P10	10610.5	11837	18000	6163
Stage 5 Blisk	6044T42P11	10610.5	11837	35100	23263
Impeller	5123T51P02	10610.5	11837	21600	9763
Tie Rod	5043T04P03	27411.5	33150	40000	6850
Rear Shaft	5086T74P03	10610.5	11837	31800	19963
GG Shaft	6068T44P02	19104.5	21447	28200	6753

ITEM	P/N	TSR	CSR	LIFE LIMIT	LIFE REMAINING
Midframe Case	6055T47G08	1876.8	1847	N/A	N/A
Midframe Assy	5922T43G05	1876.8	1847	N/A	N/A
Diffuser Case	5922T38G05	1876.8	1847	N/A	N/A

HOT SECTION:

ITEM	P/N	TSN	CSN	LIFE LIMIT	LIFE REMAINING
Stage 2 Aft C/P	6068T36P04	1876.8	1847	10000	8153
Stage 2 Disk	6064T12P03	9799.0	10407	15000	4593
Stage 2 Fwd C/P	4106T80P01	5940.0	6464	13200	6736
Stage 1 Aft C/P	6064T09P01	7497.8	7887	15000	7113
Stage 1 Disk	6064T06P03	1876.8	1847	15000	13153
Stage 1 Fwd C/P	6064T08P03	1876.8	1847	10000	8153

POWER TURBINE MODULE:

ITEM	P/N	TSN	CSN	LIFE LIMIT	LIFE REMAINING
Stage 3 Disk	6068T21P02	1876.8	1847	18600	16753
Stage 4 Disk	6068T32P05	7929.1	8849	18600	9751
PT Shaft	5121T01G02	6724.3	7293	30000	22707
Turb. Int. Seal	5060T86P05	8659.0	9601	16000	6399



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Test Performance Summary:

Ohms Resistance = TBDΩ

RATE POINT	T4.5 MARGIN DEG.C
TAKEOFF	30.3°C
MAX CONT	45.6°C

SUMMARY:

This engine was recently sent to H+S Aviation where a performance and preservation run was carried out on May 26th 2021. The engine was tested and released by H+S Aviation. Previously, this engine was inducted to H+S Aviation for LLP replacement where major work scopes were carried out to the Hot Section, PT Module & Accessory Section as well as a minor work scope on the Cold Section. The engine was then repaired, tested and released on June 19, 2018.

*Note:

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