



C&L Aerospace



Engine Model: CT7-9B

Aircraft: SAAB 340B

Engine P/N: 6058T83G01

**C&L
AEROSPACE**

LSV Date for Refurbishment: April 17, 2018

TSN: 35,466.5 **TSLR:** 897.2 **CSN:** 51,672 **CSLR:** 1,262 **LSV Date:** April 17, 2018

CT7-9B Engine GE-E-785382

INTRODUCTION:

This engine was recently inducted to H+S Aviation for LLP replacement where major work scopes were carried out to the Cold, Hot, PTM and Accessory Section. The engine was repaired, tested and released by H+S Aviation on April 17th 2018.

LIFE LIMITED COMPONENT DETAILS (COLD SECTION):

ITEM	P/N	TSN	CSN	LIFE LIMIT	LIFE REMAINING
Stage 1 Blisk	6055T83G16	897.2	1262	26900	25638
Stage 2 Blisk	6055T84P10	7377.9	8793	20800	12007
Stage 3/4 Blisk	6055T15P10	897.2	1262	18000	16738
Stage 5 Blisk	6044T42P11	897.2	1262	35100	33838
Impeller	5123T51P02	897.2	1262	21600	20338
Tie Rod	5043T04P03	24972.3	27949	40000	12051
Rear Shaft	5086T74P03	12087.6	16717	31800	15083
GG Shaft	6068T44P02	897.2	1262	28200	26938

ITEM	P/N	TSR	CSR	LIFE LIMIT	LIFE REMAINING
Midframe Case	6055T47G08	897.2	1262	N/A	N/A
Midframe Assy	5922T43G05	897.2	1262	N/A	N/A
Diffuser Case	5922T38G01	897.2	1262	N/A	N/A

HOT SECTION:

ITEM	P/N	TSN	CSN	LIFE LIMIT	LIFE REMAINING
Stage 2 Aft C/P	6068T36P04	897.2	1262	10000	8738
Stage 2 Disk	6064T12P03	897.2	1262	15000	13738
Stage 2 Fwd C/P	4106T80P01	897.2	1262	13200	11938
Stage 1 Aft C/P	6064T09P01	897.2	1262	15000	13738
Stage 1 Disk	6064T06P03	897.2	1262	15000	13738
Stage 1 Fwd C/P	6064T08P03	897.2	1262	10000	8738

POWER TURBINE MODULE:

ITEM	P/N	TSN	CSN	LIFE LIMIT	LIFE REMAINING
Stage 3 Disk	6068T21P02	897.2	1262	18600	17338
Stage 4 Disk	6068T32P05	3616.5	4588	18600	14012
PT Shaft	5121T01G02	8799.5	9790	30000	20210
Turb. Int. Seal	5060T86P05	897.2	1262	16000	14738



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Test Performance Summary:

Ohms Resistance = 2150Ω

RATE POINT	T4.5 MARGIN DEG.C
TAKEOFF	57.0°C
MAX CONT	72.5°C

Performance info from April 17, 2018 shop visit

SUMMARY:

This engine was recently inducted to H+S Aviation for LLP replacement where major work scopes were carried out to the Cold, Hot, PTM and Accessory Section. The engine was repaired, tested and released by H+S Aviation on April 17th 2018 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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