



C&L Aerospace



Engine Model: CT7-9B

Aircraft: SAAB 340B

Engine P/N: 6058T83G01

**C&L
AEROSPACE**

LSV Date for Refurbishment: September 29, 2009

TSN: 29,370.2 **TSLR:** 4,657.9 **CSN:** 31,897 **CSLR:** 6,267 **LSV Date:** September 29, 2009

CT7-9B Engine GE-E-785289

INTRODUCTION:

This engine was inducted to H+S Aviation for repair due to Hot Section Distress with a minor work scope carried out on the Cold Section and major work scopes on the Hot Section and PTM Section. The engine was released on September 16, 2009. The engine was inducted to GE for full incoming inspection/borescope, test cell run & preservation carried out on September 29, 2009.

LIFE LIMITED COMPONENT DETAILS (COLD SECTION):

ITEM	P/N	TSN	CSN	LIFE LIMIT	LIFE REMAINING
Stage 1 Blisk	6055T83G15	10165.2	14092	26900	12808
Stage 2 Blisk	6055T84P09	10165.2	14092	20800	6708
Stage 3/4 Blisk	6055T15P09	10165.2	14092	18000	3908
Stage 5 Blisk	6044T42P10	10165.2	14092	35100	21008
Impeller	5123T51P01	10165.2	14092	18600	4508
Tie Rod	5043T04P03	23038.2	28104	40000	11896
Rear Shaft	5086T74P01	15801.2	20453	31800	11347
GG Shaft	6068T44P02	4657.9	6267	28200	21933

ITEM	P/N	TSR	CSR	LIFE LIMIT	LIFE REMAINING
Midframe Case	5922T42G04	4657.9	6267	N/A	N/A
Midframe Assy	5922T43G05	4657.9	6267	N/A	N/A
Diffuser Case	5922T38G01	4657.9	6267	N/A	N/A

HOT SECTION:

ITEM	P/N	TSN	CSN	LIFE LIMIT	LIFE REMAINING
Stage 2 Aft C/P	6068T36P01	4657.9	6267	15000	8733
Stage 2 Disk	6064T12P03	4657.9	6267	15000	8733
Stage 2 Fwd C/P	4106T80P01	4657.9	6267	13200	6933
Stage 1 Aft C/P	6064T09P01	4657.9	6267	15000	8733
Stage 1 Disk	6064T06P03	4657.9	6267	15000	8733
Stage 1 Fwd C/P	6064T08P01	4657.9	6267	15000	8733

POWER TURBINE MODULE:

ITEM	P/N	TSN	CSN	LIFE LIMIT	LIFE REMAINING
Stage 3 Disk	6068T21P02	4657.9	6267	18600	12333
Stage 4 Disk	6068T32P05	4657.9	6267	18600	12333
PT Shaft	5121T01G02	7728.9	10224	30000	19776
Turb. Int. Seal	5060T86P05	4657.9	6267	16000	9733



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Test Performance Summary:

Ohms Resistance = TBD Ω

RATE POINT	T4.5 MARGIN DEG.C
TAKEOFF	30°C
MAX CONT	-

SUMMARY:

The engine has operated 4,657.9 hours and 6,267 since the last shop visit and a PACT7 run was carried out in August 2015 yielding 30°C of ITT margin. The engine has been long term preserved and will be released with a fresh 8130 Dual Release. Please contact your Regional Sales Manager for further details.

***Note:**

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