



# C&L Aerospace



**Engine Model:** CT7-9B

**Aircraft:** SAAB 340B

**Engine P/N:** 6058T83G01

**C&L  
AEROSPACE**

**LSV Date for Refurbishment:** November 2, 2011

**TSN:** 33,517.1 **TSLR:** 686.6 **CSN:** 42,172 **CSLR:** 865 **LSV Date:** November 2, 2011

## CT7-9B Engine GE-E-785516

### INTRODUCTION:

This engine was inducted to GE Strother for repair due to low performance. Major work scopes were carried out to the Hot Section & Power Turbine Module and field minor work scopes were carried out the Cold Section and AGB. The engine was repaired and released on November 2, 2011.

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

ITEM	P/N	TSN	CSN	LIFE LIMIT	LIFE REMAINING
Stage 1 Blisk	6055T83G16	8739.9	10553	26900	16347
Stage 2 Blisk	6055T84P10	8739.9	10553	20800	10247
Stage 3/4 Blisk	6055T15P10	8739.9	10553	18000	7447
Stage 5 Blisk	6044T42P11	8739.9	10553	35100	24547
Impeller	5123T51P02	12444.9	16428	21600	5172
Tie Rod	5043T04P03	22364.9	25747	40000	14253
Rear Shaft	5086T74P01	21596.9	25891	31800	5909
GG Shaft	6068T44P02	8739.9	10553	28200	17647

ITEM	P/N	TSR	CSR	LIFE LIMIT	LIFE REMAINING
Midframe Case	5922T42G04	686.6	865	N/A	N/A
Midframe Assy	5922T43G05	686.6	865	N/A	N/A
Diffuser Case	5922T38G01	686.6	865	N/A	N/A

### HOT SECTION:

ITEM	P/N	TSN	CSN	LIFE LIMIT	LIFE REMAINING
Stage 2 Aft C/P	6068T36P04	686.6	865	10000	9135
Stage 2 Disk	6064T12P03	4176.6	5006	15000	9993
Stage 2 Fwd C/P	4106T80P01	9483.6	7999	13200	5201
Stage 1 Aft C/P	6064T09P01	7337.6	8514	15000	6486
Stage 1 Disk	6064T06P03	5110.6	3767	15000	11233
Stage 1 Fwd C/P	6064T08P04	686.6	865	10000	9135

### POWER TURBINE MODULE:

ITEM	P/N	TSN	CSN	LIFE LIMIT	LIFE REMAINING
Stage 3 Disk	6068T21P01	13386.6	12586	18600	6014
Stage 4 Disk	6068T32P05	3190.6	3529	18600	15071
PT Shaft	5121T01G02	8983.6	8961	30000	21039
Turb. Int. Seal	5060T86P05	5110.6	3767	16000	12233



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### CT7-9B Engine GE-E-785516

#### Test Performance Summary:

Ohms Resistance = TBD  $\Omega$

RATE POINT	T4.5 MARGIN DEG.C
TAKEOFF	*41.2°C
MAX CONT	-

\*Note: Indicates Capped GPA

#### SUMMARY:

This engine was inducted to GE Strother for repair due to low performance. Major work scopes were carried out to the Hot Section & Power Turbine Module and field minor work scopes were carried out the Cold Section and AGB. The engine was repaired and released on November 2, 2011 where all mandatory AD's were carried out. The engine has operated 686.6 hours and 865 cycles since the last shop visit and is currently being maintained on a storage program. The engine will be long term preserved and released with a fresh 8130 Dual Release. Please contact your Regional Sales Manager for further details.

\*Note:

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