

# **THOMAS AVIATION SERVICES, LLC**

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## **SAAB 340B Plus**

Year Manufactured 1997      Serial Number 413      Registration N413XL  
TTAF 36,604 hrs      TCAF 40,296 cls

Location: Bangor, Maine  
Specifications Current as of April 20, 2018

## **WEIGHTS:**

Maximum Take-off 29,000 lbs      Maximum Zero Fuel 26,500 lbs  
Maximum Landing 28,500 lbs      Operating Empty 18,800 lbs est.

## **ENGINES:**

Engine Type/Model: General Electric CT7-9B  
Engine Overhaul / Major CAM ECMP Qualified

	<u>SN</u>	<u>TSN</u>	<u>CSN</u>	<u>TSLSV</u>	<u>LLP Limiter</u>
LH	E785791	27,102	30,279	2,761	5,770
RH	E785754	30,192	33,675	2,398	5,269

## **CT7-9B ENGINE SUMMARY:**

Engine Serial Number	785791	785754
Hours Since LSV	2,761 hrs	2,398 hrs
Limiter	5,768 cls	5,269 cls

<u>Part</u>	<u>Life (cls)</u>	<u>Cycles Remain</u>	<u>Cycles Remain</u>
Compressor Tie Rod	40000	35768	28047
Compressor Rear Rotor	31800	27568	19847
Centrifugal Impeller	21600	17368	9647
Stage 5 Blade Disk	35100	30868	23147
Stage 3/4 Blade Disk	18000	13768	11279
Blade Disk Stage 1 Rotor	26900	22668	20179
Blade Disk Stage 2	20800	16568	8847
Shaft-Gas Gen Turbine	28200	23968	21479
Stage 2 Fwd Cooling Plate	13200	8968	10235
Stage 1 Turbine Disk	15000	10768	12035
Stage 1 Fwd Cooling Plate	10000	5768	7035
Stage 1 Aft Cooling Plate	15000	10768	12035
Stage 2 Turbine Disk	15000	10768	12035
Stage 2 Aft Cooling Plate	10000	5768	7035
Stage 4 Power Turbine	18600	15676	15457
Stage 3 Turbine Disk	18600	15676	15457
Interstage Turbine Seal	16000	8169	5269

## **INTERIOR:**

34 Seat commuter interior  
Forward Lavatory

**Box 42718 Washington, DC 20015 USA**  
**Tel: 202-364-2775 Fax: 202-315-3649**  
**www.thomasaviation.net**

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**PROPELLERS:**

Propeller Type/Model: Dowty R390/4-123-F/27  
 Propeller Overhaul 7,500 hours or 120 Months

	<u>SN</u>	<u>TSO (hrs)</u>	<u>TR (hrs)</u>	<u>Due</u>
Hub	MG013/16	201	7,922	12/31/2020
Blade 1	S132B-459	201	7,922	12/31/2020
Blade 2	S132B-444	201	7,922	12/31/2020
Blade 3	S132B-1787	201	7,922	12/31/2020
Blade 4	S132B-1771	201	7,922	12/31/2020

	<u>SN</u>	<u>TSO (hrs)</u>	<u>TR (hrs)</u>	<u>Due</u>
Hub	MG102/13	1,140	6,360	07/03/2020
Blade 1	S132B-1320	1,140	6,360	07/03/2020
Blade 2	S132B-1562	1,140	6,360	07/03/2020
Blade 3	S132B-1624	1,140	6,360	07/03/2020
Blade 4	S132B-1549	1,140	6,360	07/03/2020

**LANDING GEAR:**

MLG Overhaul: 12,000 cls  
 NLG Overhaul: 12,000 cls

	<u>Sn</u>	<u>TSO (cls)</u>	<u>TR (cls)</u>	<u>Due</u>
LH Shock Strut	LK9600931	8,395	3,605	12/18/2018
LH Drag Brace	LK9600390	2	11,998	03/10/2023
RH Shock Strut	LK9700241	9,466	2,554	06/08/2018
RH Drag Brace	LK9101346	407	11,593	12/26/2022
Nose Shock Strut	LK9005995	989	11,011	09/10/2022
Nose Drag Brace	LK9800257	989	11,011	09/10/2022

**INSPECTIONS:**

<u>Check</u>	<u>Next Due</u>	<u>Remaining</u>
12 Month	Due	
24 Month	Sept 30, 2018	
4,000 hrs		3,604 hrs
5,000 hrs		4,604 hrs
8,000 hrs		3,014 hrs
12,000 hrs		4,154 hrs
16,000 hrs		8,154 hrs
20,000 hrs		12,154 hrs
28k/6k		4,423 cls
30k/3k		231 cls
30k/6k		1,143 cls
30k/12k		1,393 cls
30k/3k cls		231 cls
4yr/2yr	Sept 30, 2018	
6yr/4yr	Sept 30, 2020	

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### AVIONICS:

Dual VHF Comm	Collins	VHF-22A
Dual VHF Nav	Collins	VIR-32
Dual Transponder	Collins	TDR-94D
ADF	Collins	ADF-60A
DME	Collins	DME-42
GPS	King	KLN-900
RMI	Aeronetics	D3337L-B-2-1S/SB1
MFD	Collins	MFD-85C
Air Data Computer	Collins	622-4401-001
FDAU	Teledyne	2231230-1-A
Radio Altimeter	Collins	ALT-55B
Altitude Alert	Collins	PRE-80D
Autopilot	Collins	AP-85
Weather Radar	Collins	WXP-85D
SATCOM	Iridium	C0009-005
CVR	L3	S200-0012-00
FDR	L3	S800-3000-00
EGPWS	Sundstrand	Mark-VI
TCAS II	Collins	TTR-920
ELT	Litton	ELT-952



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