

# THOMAS AVIATION SERVICES, LLC

## SAAB 340A

Year Manufactured 1985      Serial Number 027      Registration C-GPCN  
TTAF 59,844 hrs      TCAF 67,796 cls

Information as of April 28, 2021

## WEIGHTS:

Maximum Take-off 28,500 lbs      Maximum Zero Fuel 25,700 lbs  
Maximum landing 27,200 lbs      Basic Operating Weight 18,245 lbs

## ENGINES:

Engine Type/Model: General Electric CT7-5A2  
Engine Overhaul / Major CAM

	<u>SN</u>	<u>SN</u>
Time Since Shop Visit	E-367199 4,276 hrs	E-367147 8,414 hrs

<u>Compressor Rotor</u>	<u>Limit (cls)</u>	<u>TR (cls)</u>	<u>TR (cls)</u>
Stage 1 BLISK	25,200	8,037	9,922
1/2 Spacer Ring	34,000	18,400	5,372
Stage 2 BLISK	34,100	27,479	15,283
Stage 3/4 BLISK	24,200	17,579	14,218
2/3 Spacer Ring	34,000	27,379	24,018
Stage 5 BLISK	40,000	33,379	10,399
Centrifugal Impeller	17,000	10,379	2,819
Compressor Tie Rod	33,000	9,630	17,616
Rear Shaft	32,600	25,979	6,529

<u>Gas Generator Turbine Rotor</u>			
Stage 1 Fwd Cooling Plate	11,500	4,879	8,639
Stage 1 Aft Cooling Plate	15,000	8,379	8,639
Stage 2 Fwd Cooling Plate	13,200	6,579	6,839
Stage 2 Aft Cooling Plate	12,000	879	5,639
Stage 1 Disk	15,000	8,379	1,118
Stage 2 Disk	15,000	8,379	1,118
Turbine Shaft	28,200	8,134	4,468

<u>Power Turbine Rotor and Drive Shaft</u>			
Power Turbine Shaft	30,000	23,379	21,248
Stage 3 Disk	22,800	16,179	10,607
Stage 4 Disk	24,000	17,379	11,807

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**PROPELLERS:**

Propeller Type/Model: Dowty R-389/4-123-F/25  
 Propeller Overhaul 7,500 hours or 60 Months

<u>SN</u>	<u>TSO (hrs)</u>	<u>Due (hrs)</u>	<u>Due (Cal)</u>
LH DRG/3426/89	5,796	1,704	March 2023
Hub MG247/10	5,796	1,704	March 2023
Blade 1	5,796	1,704	March 2023
Blade 2	4,250	3,250	January 2023
Blade 3	5,796	1,704	March 2023
Blade 4	4,250	3,250	January 2023
RH DRG/5621/85	5,770	1,730	January 2023
Hub MG131-06	5,770	1,730	January 2023
Blade 1	2,634	4,866	April 2026
Blade 2	3,818	3,682	November 2023
Blade 3	2,637	4,866	April 2026
Blade 4	3,818	3,682	November 2023

**LANDING GEAR:**

MLG Overhaul:	12,000 cls			
		<u>CSO</u>	<u>TR</u>	<u>Due (Cal)</u>
NLG Shock Strut	LK9650105	3,337	8,663	June 2025
NLG Drag Brace	LK8809696	6,379	5,621	Nov 2024
LH MLG Shock Strut	LK8905134	4,346	7,654	Feb 2026
LH MLG Drag Brace	LK8706246	6,238	5,762	June 2025
RH MLG Shock Strut	LK8707621	5,974	6,026	Mar 2025
RH MLG Drag Brace	LK8504004	8,976	3,024	May 2023

**MAINTENANCE:**

<u>Inspection</u>	<u>Date C/W</u>	<u>TS</u>	<u>TR</u>
400 hr Inspection	Sept 13, 2019	287	113
800 hr Inspection	Oct 29, 2019	149	651
4000 hr Inspection	Dec 22, 2017	1,912	2,088
6000 cyl Inspection	Dec 22, 2017	2,011	3,989
12000 cyl inspection	Nov 26, 2015	5,290	6,710
6yr/4yr inspection	Dec 3, 2019		
4yr/2yr inspection	Dec 3, 2019		

SB 340-51-026 incorporated  
 Dual SAFT 4078 Batteries

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**INTERIOR:**

Aft Lavatory  
Forward Galley  
Forward Coat Closet  
Leather Seats

**AVIONICS:**

Dual VHF Comm	King	KTR 908
Dual VHF Nav	King	KNR 634
Transponder Mode S	King	MT-67A
Transponder	King	MT-67A
Dual ADF	King	KDF-806
Dual DME	King	KDM 706A
Dual Audio Control	Telephonics	502-0011-002
Dual EFIS	Collins	EFIS-86
Dual Flight Director	Collins	Part of EFIS 86
Dual Compass	Collins	AHC-85 / EFIS 86
Dual Horizon	Collins	Part of EFIS-86
Dual Market Beacon	Collins	EFIS-86
Dual HSI	Collins	622-6342-012
Dual RMI	Aeronetics	3337L-8-2
MFD	Collins	622-7236-002
GPS	King	KLN-900
FDAU	Telephonics	508-0011-001
Air Data Computer	Collins	622-4401-001
Att/Head Computer	Collins	622-6190-002
FCS Computer	Collins	622-6193-001
Stall Warn Computer	Rosemount	20AK
Autopilot	Collins	FCC-85B
Weather Radar	Collins	WXT-250
Altitude Alerter	Collins	622-2923-015
Altimeter	Collins	622-3975-001
Encoding Altimeter	Collins	622-3975-001
Radio Altimeter	Collins	ALT 55A
Standby Horizon	Sfena	H341ADM1
Standby Altimeter	Jaeger	64141-360-1
Standby Airspeed	Jaeger	64050-66-1
CVR	Fairchild	93-A100-85
FDR	Lockheed	10077A500-803
TAWS	Honeywell	MK VI
TCAS II	Bendix/King	TPA 81A
ELT	Narco	ELT-10

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