

# THOMAS AVIATION SERVICES, LLC

## SAAB 340A

Year Manufactured 1985      Serial Number 027      Registration C-GPCN  
TTAF 61,378 hrs      TCAF 69,158 cls

Information as of February 17, 2023

## 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-367243 5,293 hrs	E-367436 TBA hrs

<u>Compressor Rotor</u>	<u>Limit (cls)</u>	<u>TR (cls)</u>	<u>TR (cls)</u>
Stage 1 BLISK	25,200	10,282	21,944
1/2 Spacer Ring	34,000	24,137	30,744
Stage 2 BLISK	34,100	24,237	24,069
Stage 3/4 BLISK	24,200	14,337	20,944
2/3 Spacer Ring	34,000	24,137	30,744
Stage 5 BLISK	40,000	20,605	36,744
Centrifugal Impeller	17,000	7,137	13,744
Compressor Tie Rod	33,000	23,137	15,061
Rear Shaft	32,600	22,737	14,589

### Gas Generator Turbine Rotor

Stage 1 Fwd Cooling Plate	11,500	5,351	8,244
Stage 1 Aft Cooling Plate	15,000	8,851	4,716
Stage 2 Fwd Cooling Plate	13,200	7,051	4,701
Stage 2 Aft Cooling Plate	12,000	1,351	4,244
Stage 1 Disk	15,000	5,137	4,752
Stage 2 Disk	15,000	5,137	4,752
Turbine Shaft	28,200	18,337	10,406

### Power Turbine Rotor and Drive Shaft

Power Turbine Shaft	30,000	25,055	1,951
Stage 3 Disk	22,800	17,855	8,777
Stage 4 Disk	24,000	19,055	9,977

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**PROPELLERS:**

Propeller Type/Model: Dowty R-389/4-123-F/25  
 Propeller Overhaul 7,500 hours or 120 Months

<u>SN</u>	<u>TSO (hrs)</u>	<u>Due (hrs)</u>	<u>Due (Cal)</u>
LH DRG/1726/84	74	7,426	Dec 2032
Hub MG268/17	74	7,426	Dec 2032
Blade 1	74	7,426	Dec 2032
Blade 2	74	7,426	Dec 2032
Blade 3	74	7,426	Dec 2032
Blade 4	74	7,426	Dec 2032
RH DRG/5621/85	11,804	196	May 2023
Hub MG131/06	11,804	196	May 2023
Blade 1	8,668	3,332	May 2026
Blade 2	9,852	2,148	Oct 2023
Blade 3	8,668	3,332	May 2026
Blade 4	9,852	2,148	Oct 2023

**LANDING GEAR:**

		<u>CSO</u>	<u>TR</u>	<u>Due (Cal)</u>
MLG Overhaul:	12,000 cls			
NLG Shock Strut	LK9650105	4,699	7,301	June 2025
NLG Drag Brace	LK8809696	7,741	4,259	Nov 2024
LH MLG Shock Strut	LK8905134	5,708	6,292	Feb 2026
LH MLG Drag Brace	LK8706246	7,600	4,400	June 2025
RH MLG Shock Strut	LK8707621	7,336	4,664	Mar 2025
RH MLG Drag Brace	LK8504004	10,338	1,662	May 2023

**MAINTENANCE:**

<u>Inspection</u>	<u>Date C/W</u>	<u>TS</u>	<u>TR</u>
400 hr Inspection	Nov 10, 2022	321	79
800 hr Inspection	Jan 16, 2023	118	682
4000 hr Inspection	Dec 22, 2017	3,446	554
6000 cyl Inspection	Dec 22, 2017	3,373	2,627
12000 cyl inspection	Nov 26, 2015	6,652	5,348
6yr/4yr inspection	Dec 3, 2019		
4yr/2yr inspection	Jan 12, 2022		

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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