

THOMAS AVIATION SERVICES, LLC

SAAB 340A

Year Manufactured 1985

Serial Number 027

Registration C-GPCN

TTAF 59,817 hrs

TCAF 67,767 cls

Information as of March 11, 2020

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	8,066	9,951
1/2 Spacer Ring	34,000	18,429	5,401
Stage 2 BLISK	34,100	27,508	15,312
Stage 3/4 BLISK	24,200	17,608	14,247
2/3 Spacer Ring	34,000	27,408	24,057
Stage 5 BLISK	40,000	33,408	10,428
Centrifugal Impeller	17,000	10,408	2,848
Compressor Tie Rod	33,000	9,659	17,645
Rear Shaft	32,600	26,008	6,558

<u>Gas Generator Turbine Rotor</u>			
Stage 1 Fwd Cooling Plate	11,500	4,908	8,668
Stage 1 Aft Cooling Plate	15,000	8,408	8,668
Stage 2 Fwd Cooling Plate	13,200	6,608	6,868
Stage 2 Aft Cooling Plate	12,000	908	5,668
Stage 1 Disk	15,000	8,408	1,147
Stage 2 Disk	15,000	8,408	1,147
Turbine Shaft	28,200	8,163	4,497

<u>Power Turbine Rotor and Drive Shaft</u>			
Power Turbine Shaft	30,000	23,408	21,277
Stage 3 Disk	22,800	16,208	10,636
Stage 4 Disk	24,000	17,408	11,838

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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	5,769	1,731	March 2023
Hub MG247/10	5,769	1,731	March 2023
Blade 1	5,772	1,728	March 2023
Blade 2	4,222	3,277	January 2023
Blade 3	5,769	1,731	March 2023
Blade 4	4,222	3,277	January 2023
RH DRG/5621/85	5,743	1,757	June 2024
Hub MG131-06	5,742	1,757	Oct 2024
Blade 1	2,606	4,893	Oct 2024
Blade 2	3,790	3,710	Oct 2024
Blade 3	2,606	4,893	Oct 2024
Blade 4	3,790	3,710	Oct 2024

LANDING GEAR:

MLG Overhaul:	12,000 cls			
		<u>CSO</u>	<u>TR</u>	<u>Due (Cal)</u>
NLG Shock Strut	LK9650105	3,308	8,692	June 2025
NLG Drag Brace	LK8809696	6,350	5,650	Nov 2024
LH MLG Shock Strut	LK8905134	4,317	7,683	Feb 2026
LH MLG Drag Brace	LK8706246	6,209	5,791	June 2025
RH MLG Shock Strut	LK8707621	5,945	6,055	Mar 2025
RH MLG Drag Brace	LK8504004	8,947	3,053	May 2023

MAINTENANCE:

<u>Inspection</u>	<u>Date C/W</u>	<u>TS</u>	<u>TR</u>
400 hr Inspection	Sept 13, 2019	260	140
800 hr Inspection	Oct 29, 2019	122	678
4000 hr Inspection	Dec 22, 2017	1,885	2,115
6000 cyl Inspection	Dec 22, 2017	1,982	4,018
12000 cyl inspection	Nov 26, 2015	5,261	6,739
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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