

THOMAS AVIATION SERVICES, LLC

SAAB 340A

Year Manufactured 1985

Serial Number 027

Registration C-GPCN

TTAF 59,971 hrs

TCAF 67,937 cls

Information as of September 15, 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	7,896	9,781
1/2 Spacer Ring	34,000	18,259	5,231
Stage 2 BLISK	34,100	27,338	15,142
Stage 3/4 BLISK	24,200	17,438	14,077
2/3 Spacer Ring	34,000	27,238	23,877
Stage 5 BLISK	40,000	33,238	10,258
Centrifugal Impeller	17,000	10,238	2,678
Compressor Tie Rod	33,000	9,489	17,475
Rear Shaft	32,600	25,838	6,388

<u>Gas Generator Turbine Rotor</u>			
Stage 1 Fwd Cooling Plate	11,500	4,738	8,498
Stage 1 Aft Cooling Plate	15,000	8,238	8,498
Stage 2 Fwd Cooling Plate	13,200	6,438	6,698
Stage 2 Aft Cooling Plate	12,000	738	5,498
Stage 1 Disk	15,000	8,238	977
Stage 2 Disk	15,000	8,238	977
Turbine Shaft	28,200	7,993	4,327

<u>Power Turbine Rotor and Drive Shaft</u>			
Power Turbine Shaft	30,000	23,238	21,107
Stage 3 Disk	22,800	16,038	10,466
Stage 4 Disk	24,000	17,238	11,666

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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/3426/89	5,178	1,576	March
Hub MG247/10	5,178	1,576	March 2023
Blade 1	5,178	1,576	March 2023
Blade 2	3,631	3,122	January 2023
Blade 3	5,178	1,576	March 2023
Blade 4	3,631	3,122	January 2023
RH DRG/5621/85	5,559	1,603	January 2023
Hub MG131-06	5,559	1,603	January 2023
Blade 1	2,424	4,738	April 2026
Blade 2	3,607	3,555	November 2023
Blade 3	2,424	4,738	April 2026
Blade 4	3,607	3,555	November 2023

LANDING GEAR:

MLG Overhaul:	12,000 cls			
		<u>CSO</u>	<u>TR</u>	<u>Due (Cal)</u>
NLG Shock Strut	LK9650105	3,478	8,522	June 2025
NLG Drag Brace	LK8809696	6,520	5,480	Nov 2024
LH MLG Shock Strut	LK8905134	4,487	7,513	Feb 2026
LH MLG Drag Brace	LK8706246	6,379	5,621	June 2025
RH MLG Shock Strut	LK8707621	6,115	5,885	Mar 2025
RH MLG Drag Brace	LK8504004	9,117	2,883	May 2023

MAINTENANCE:

<u>Inspection</u>	<u>Date C/W</u>	<u>TS</u>	<u>TR</u>
400 hr Inspection	Sept 13, 2019	35	365
800 hr Inspection	Oct 29, 2019	277	523
4000 hr Inspection	Dec 22, 2017	2,039	1,961
6000 cyl Inspection	Dec 22, 2017	2,152	3,848
12000 cyl inspection	Nov 26, 2015	5,431	6,569
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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