

# THOMAS AVIATION SERVICES, LLC

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**SAAB 340B**

Year Manufactured 1993	Serial Number 347	Registration C-GOIA
	TTAF 46,461 hrs	TCAF 51,549 cls

Owner: Pacific Coastal Airlines  
 Location: Vancouver, Canada  
 Times as of February 11, 2025

**WEIGHTS:**

Maximum Take-off 28,500 lbs	Maximum Zero Fuel 25,700 lbs
Maximum landing 27,200 lbs	Empty Weight 18,533 lbs
Useful Load 10,135 lbs	

**ENGINES:**

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

	<u>SN</u>	<u>SN</u>
Time Since Shop Visit	E-785562 3,175 hrs	E-785593 4,917 hrs
Uncapped Margin (degrees)	TBA	31c
Information Date	02/10/2025	02/10/2025

<u>Compressor Rotor</u>	<u>Limit (cls)</u>	<u>TR (cls)</u>	<u>TR (cls)</u>
Stage 1 BLISK	25,200	22,288	5,867
Stage 2 BLISK	34,100	16,188	6,399
Stage 3/4 BLISK	24,200	13,388	11,913
Stage 5 BLISK	40,000	10,188	13,689
Centrifugal Impeller	17,000	12,593	4,453
Compressor Tie Rod	33,000	18,437	16,073
Rear Shaft	32,600	10,237	4,116

<u>Gas Generator Turbine Rotor</u>			
Stage 1 Fwd Cooling Plate	11,500	5,388	2,562
Stage 1 Aft Cooling Plate	15,000	3,329	2,761
Stage 2 Fwd Cooling Plate	13,200	4,696	1,814
Stage 2 Aft Cooling Plate	12,000	5,388	2,562
Stage 1 Disk	15,000	10,388	2,559
Stage 2 Disk	15,000	3,329	2,925
Turbine Shaft	28,200	23,588	7,431

<u>Power Turbine Rotor and Drive Shaft</u>			
Power Turbine Shaft	30,000	25,388	15,685
Stage 3 Disk	22,800	6,929	5,004
Stage 4 Disk	24,000	6,929	5,004

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**PROPELLERS:**

Propeller Type/Model: Dowty 14RF-19  
 Propeller Overhaul 7,500 hours or 120 Months

<u>SN</u>	<u>TSO (hrs)</u>	<u>Due (hrs)</u>	<u>Due (Cal)</u>
LH MFG930720	2,680	4,820	Jan 2030
Hub 816	2,671	4,829	Jan 2030
Blade 1	2,634	4,866	Feb 2030
Blade 2	1,052	6,448	Feb 2031
Blade 3	6,137	1,363	March 2025
Blade 4	6,343	1,157	July 2025
RH MFG930337	6,045	1,455	Mar 2026
Hub 20010816	6,045	1,455	Mar 2026
Blade 1	1,232	6,268	Jan 2031
Blade 2	2,904	4,596	July 2029
Blade 3	1,123	6,377	Nov 2030
Blade 4	3,833	3,667	Dec 2026

**LANDING GEAR:**

MLG Overhaul: 12,000 cls

		<u>CSO</u>	<u>TR</u>	<u>Due (Cal)</u>
NLG Shock Strut	LK9701353	1,792	10,208	Jan 2034
NLG Drag Brace	LK9600012	6,025	5,975	June 2031
LH MLG Shock Strut	LK9700704	6,025	5,975	June 2031
LH MLG Drag Brace	LK9500321	245	11,755	Sept 2034
RH MLG Shock Strut	LK8907096	6,025	5,975	June 2031
RH MLG Drag Brace	LK9600121	6,025	5,975	June 2031

**MAINTENANCE:**

<u>Inspection</u>	<u>Date C/W</u>	<u>TS</u>	<u>TR</u>
400 hr Inspection	Jan 15, 2025	92	308
800 hr Inspection	Apr 20, 2024	763	37
4000 hr Inspection	Feb 3, 2023	2,615	1,385
6000 cyl Inspection	Feb 3, 2023	3,821	2,179
12000 cyl inspection	Feb 3, 2023	3,821	8,179
6yr/4yr inspection	Feb 3, 2023		
4yr/2yr inspection	Feb 3, 2023		Due 03/25

Dual SAFT Batteries

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**INTERIOR:**

Forward Lavatory  
Forward Galley  
34 Leather Seats  
Gen 1 Interior

**AVIONICS:**

Dual VHF Comm	Garmin	GTN-650Xi
Dual VHF Nav	Garmin	GTN-650Xi
Dual Transponder	Garmin	GTX-3000 with ADSB
ADF	Collins	AFD-60A
DME	Collins	DME-42
Dual Audio Control	Telephonics	502-0011-003
MFD	Collins	MFD-85C
Dual GPS	Garmin	GTN-650Xi
Dual RMI	Aeronetics	D3337L-B-2-IS/SBI
Dual EFIS	Collins	EFIS-86
Dual Flight Director	Collins	Part of EFIS 86
Dual Compass	Collins	AHC-85
Dual Horizon	Collins	Part of EFIS-86
Dual HSI	Collins	EDF-86
Air Data Computer	Collins	ADC-81A
Flight Guidance Computer	Collins	FCC-85B
Dual Att/Head Computer	Collins	AHC-85
Dual DPU	Collins	DPU-86K
Autopilot	Collins	FCC-86B
Dual AOA	Rosemount	861CAR
FDAU	Telephonics	2231230-1
Dual Stall Warn Computer	Rosemount	20AK4
Weather Radar	Collins	WXT-250B
Encoding Altimeter	Collins	ALI-80A
Altimeter	Jaeger	64111-900-1
Radio Altimeter	Collins	ALT 55B
Alt Alerter	Collins	PRE-80D
Standby Horizon	Sfena	9302413-003
CVR	L3/Harris	A200S
FDR	L3/Harris	F800
TAWS	Honeywell	Mark VI
TCAS v7.1	Collins	TTR-920
ELT	Artex	A3-06-3003

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