

# THOMAS AVIATION SERVICES, LLC

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## SAAB 340B+

Year Manufactured 1985

Serial Number 459  
TTAF 35,101 hrs

Registration C-GPCT  
TCAF 51,242 cls

Owner: Pacific Coastal Airlines  
Location: Vancouver, Canada  
Times as of July 22, 2024

## WEIGHTS:

Maximum Take-off	28,500 lbs	Maximum Zero Fuel	25,700 lbs
Maximum landing	27,200 lbs	Empty Weight	18,364 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-785628 7,889 hrs	E-785587 4,159 hrs

	<u>Limit (cls)</u>	<u>TR (cls)</u>	<u>TR (cls)</u>
<u>Compressor Rotor</u>			
Stage 1 BLISK	25,200	9,498	10,714
Stage 2 BLISK	34,100	10,558	4,614
Stage 3/4 BLISK	24,200	7,758	1,814
Stage 5 BLISK	40,000	17,698	5,114
Centrifugal Impeller	17,000	4,198	5,414
Compressor Tie Rod	33,000	29,758	18,934
Rear Shaft	32,600	12,559	15,614

<u>Gas Generator Turbine Rotor</u>			
Stage 1 Fwd Cooling Plate	11,500	448	3,637
Stage 1 Aft Cooling Plate	15,000	5,448	8,637
Stage 2 Fwd Cooling Plate	13,200	3,648	6,837
Stage 2 Aft Cooling Plate	12,000	448	3,637
Stage 1 Disk	15,000	5,448	8,637
Stage 2 Disk	15,000	5,448	8,637
Turbine Shaft	28,200	10,798	6,546

<u>Power Turbine Rotor and Drive Shaft</u>			
Power Turbine Shaft	30,000	25,957	15,941
Stage 3 Disk	22,800	8,736	7,779
Stage 4 Disk	24,000	17,523	7,779

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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>
RH DRG7976/85	0	7,500	July 2034
Hub MG103-13	0	7,500	July 2034
Blade 1	0	7,500	July 2034
Blade 2	0	7,500	July 2034
Blade 3	0	7,500	July 2034
Blade 4	0	7,500	July 2034
LH DAP0157	2,617	4,883	Aug 2032
Hub MG167/05	2,617	4,883	Aug 2032
Blade 1	2,617	4,883	Aug 2032
Blade 2	2,617	4,883	Aug 2032
Blade 3	2,617	4,883	Aug 2032
Blade 4	2,617	4,883	Aug 2032

**LANDING GEAR:**

MLG Overhaul: 12,000 cls

		<u>CSO</u>	<u>TR</u>	<u>Due (Cal)</u>
NLG Shock Strut	LK9500141	3,955	8,045	April 2030
NLG Drag Brace	LK0950016	3,955	8,045	April 2030
LH MLG Shock Strut	LK9600642	7,525	4,475	Oct 2027
LH MLG Drag Brace	LK9900433	3,955	8,045	April 2030
RH MLG Shock Strut	LK9650020	10,565	1,454	March 2026
RH MLG Drag Brace	LK9104605	3,955	8,045	April 2030

**MAINTENANCE:**

<u>Inspection</u>	<u>Date C/W</u>	<u>TS</u>	<u>TR</u>
400 hr Inspection	April 25, 2024	137	263
800 hr Inspection	Nov 28, 2023	735	65
4000 hr Inspection	April 16, 2020	2,648	1,352
6000 cyl Inspection	April 18, 2022	3,952	2,048
12000 cyl inspection	July 11, 2022	3,946	8,054
6yr/4yr inspection	April 18, 2022		
4yr/2yr inspection	June 14, 2024		

Dual SAFT 4078-7 Batteries

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**INTERIOR:**

Forward Lavatory  
 Forward Galley  
 34 Leather Seats  
 FEEL Table Trays

**AVIONICS:**

Dual VHF Comm	Collins	VHF-22A
Dual VHF Nav	Collins	VIR-32
Dual Transponder	Garmin	GTX-3000 with ADSB
Dual ADF	Collins	AFD-60A
DME	Collins	DME-42
Dual Audio Control	Telephonics	502-0011-003
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 HSI	Collins	EDF-86
Dual RMI	Aeronetics	D3337L-B-2-IS/SBI
MFD	Collins	MFD-85C
GPS	King	KLN-900
Dual AOA	Rosemount	861CAR
MPU	Collins	622-7718-004
FDAU	Telephonics	2231230-1
Air Data Computer	Collins	ADC-81A
Flight Control Computer	Collins	622-7492-210
Dual Att/Head Computer	Collins	AHC-85
DPU	Collins	622-7713-004
Dual Stall Warn Computer	Rosemount	20AK4
Autopilot	Collins	FCC-86B
Weather Radar	Collins	WXT-250B
Encoding Altimeter	Collins	622-3975-001
Altimeter	Jaeger	64111-900-1
Radio Altimeter	Collins	622-2855-011 ALT 55B
Standby Horizon	Sfena	H341ADM2
CVR	L3/Harris	FA2100
FDR	Allied Signal	980-4700-003
EGPWS	Honeywell	Mark VI
TCAS v7.1	L3	3000SP
ELT	Socata	ELT97A256

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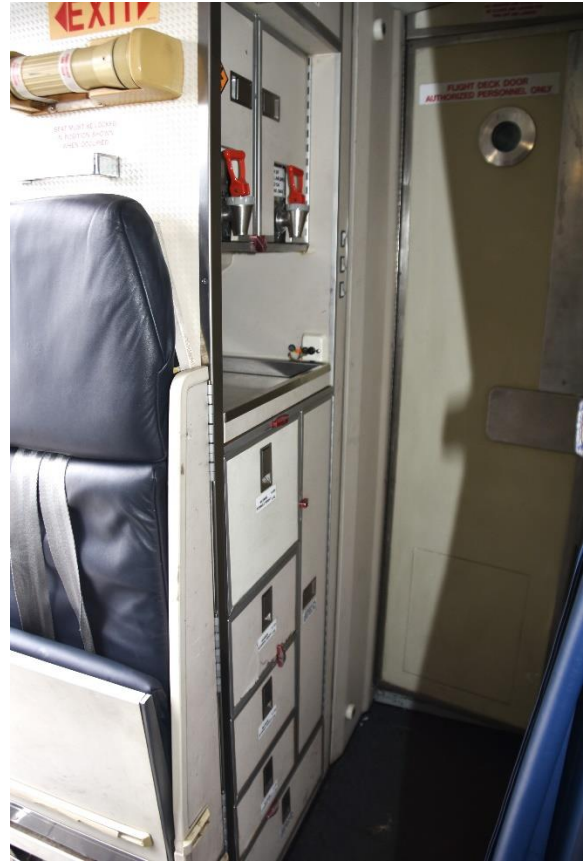
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