

# THOMAS AVIATION SERVICES, LLC

## SAAB 2000

Year Manufactured 1997      Serial Number 046      Registration N462PA  
TTAF 34,055 hrs      TCAF 39,582 cls

Location: In Service – PenAir, Alaska  
Specifications Current as of December 31, 2018

## WEIGHTS:

Maximum Take-off	50,700 lbs	Maximum Zero Fuel	44,090 lbs
Maximum Landing	48,500 lbs	Operating Empty	31,970 lbs est.

## ENGINES:

Engine Type/Model: Allison AE2100A  
Engine Overhaul / Major CAM      Current on Rolls Royce Total Care

Engine Serial Number	<u>CAE510101</u>	<u>CAE510113</u>
TSLSV	7,295 hrs	4,988 hrs
Limiter	410 cls	1,482 cls
Limiter Item	Stage 13 Wheel	Various

## PROPELLERS:

Propeller Type/Model: Dowty R381/6-123-F/5  
Propeller Overhaul 7,500 hours or 120 months

Prop Serial Number	<u>DAP0013</u>	<u>DAP0039</u>
TSO (hrs)	4,553	6,314
TR (hrs)	2,947	1,186
Calendar Due	05/31/25	08/31/19

## INSPECTIONS:

<u>Check</u>	<u>Next Due</u>	<u>Remaining</u>
12 Month	June 2019	
24 Month	Sept 2019	
4 Year	Sept 2021	
8 Year	Dec 2025	
4,000 hr	37,292 hrs	3,236 hrs
8,000 hr	38,426 hrs	4,370 hrs
12,000 hr	34,936 hrs	900 hrs
30,000 hr	59,913 hrs	25,857 hrs
20/6k cy	45,218 cls	5,366 cls
20/7.5k cy	45,533 cls	5,681 cls
20/12k cy	51,218 cls	11,366 cls
32/6k cy	42,750 cls	2,898 cls
32/24k cy	55,152 cls	15,300 cls

## OTHER:

All white paint      50 seat commuter interior      APU

All US Modifications, SB's and AD's complied with including Reinforced Cockpit Door, EO-2000-35-XX, AD 2012-11-09, SB 2000-27-023, SB 2000-29-013, SB 2000-27-024, SB 2000-29-010, SB 27-049, SB31-018.

**Box 42718 Washington, DC 20015 USA**  
**Tel: 202-364-2775 Fax: 202-315-3649**  
**www.thomasaviation.net**

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**ENGINE DETAIL:**

Engine Type/Model: Allison AE2100A  
 Engine Overhaul / Major CAM      Current on Rolls Royce Total Care

Engine Serial Number			<u>CAE510101</u>	<u>CAE510113</u>
TSLSV			7,295 hrs	4,988 hrs
	<u>Part</u>	<u>Life</u>	<u>Time Remain</u>	<u>Time Remain</u>
Power Section	Stage 1 Wheel	20,000	2,910	1,482
	Stage 2 Wheel	20,000	2,910	1,482
	Stage 3 Wheel	20,000	2,910	1,482
	Stage 4 Wheel	20,000	2,910	1,482
	Stage 5 Wheel	20,000	2,910	1,482
	Stage 6 Wheel	20,000	2,910	1,482
	Stage 7 Wheel	20,000	2,910	1,482
	Stage 8 Wheel	20,000	2,910	1,482
	Stage 9 Wheel	15,700	5,442	10,712
	Stage 10 Wheel	20,000	2,910	1,482
	Stage 11 Wheel	13,900	3,642	8,912
	Stage 12 Wheel	20,000	2,910	1,482
	Stage 13 Wheel	17,500	410	12,512
	Stage 14 Wheel	13,600	3,342	8,612
Cone Shaft	20,000	2,910	1,482	
HP Turbine Assy	1st Stage Turbine	20,000	2,910	1,482
	Spacer Stage ½	20,000	2,910	1,482
	2 <sup>nd</sup> Stage Turbine	20,000	12,705	1,482
Pwr Turbine Assy	3 <sup>rd</sup> Stage Turbine	20,000	12,705	10,018
	Spacer Stage ¾	20,000	12,705	1,482
	4 <sup>th</sup> Stage Turbine	20,000	12,705	10,018

**LANDING GEAR DETAIL:**

Gear Overhaul:      12,000 cls or 60 months

	<u>Sn</u>	<u>TSO (cls)</u>	<u>TR (cls)</u>	<u>TR (days)</u>
LH Shock Strut	OZ9660087	1,689	10,311	2,722
LH Drag Brace	LK9601719	4,240	7,760	2,207
RH Shock Strut	OZ9260016	1,412	2,727	1,049
RH Drag Brace	LK9950077	1,827	10,173	2,692
Nose Shock Strut	OZ9560031	1,407	10,593	2,814
Nose Drag Brace	LK9800036	3,781	8,219	2,296

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**PROPELLER DETAIL:**

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 Propeller Overhaul 7,500 hours or 120 months

	<u>SN</u>	<u>TSO (hrs)</u>	<u>TR (hrs)</u>	<u>Due</u>
Propeller	DAP0013	4,553	2,107	June 2022
Hub	MG055/17	777	6,723	June 2022
Blade 1	0304	1,232	6,268	Dec 2025
Blade 2	2461	1,232	6,268	Dec 2025
Blade 3	2185	1,232	6,268	Dec 2025
Blade 4	1551	1,782	5,718	May 2025
Blade 5	2210	1,232	6,268	Dec 2025
Blade 6	1495	455	6,268	Dec 2025

	<u>SN</u>	<u>TSO (hrs)</u>	<u>TR (hrs)</u>	<u>Due</u>
Propeller	DAP0039	1,186	6,314	Aug 2019
Hub	MG038/93	1,186	6,314	Aug 2019
Blade 1	2021	1,186	6,314	Aug 2019
Blade 2	2177	1,186	6,314	Aug 2019
Blade 3	1455	1,186	6,314	Aug 2019
Blade 4	2142	1,186	6,314	Aug 2019
Blade 5	1757	1,186	6,314	Aug 2019
Blade 6	2144	1,186	6,314	Aug 2019

**AVIONICS: (To Be Confirmed)**

Dual VHF Comm	Collins	VHF-422C (8.33 khz)
Dual VHF Nav	Collins	VIR-432
Dual RTU	Collins	RTU-4010
Dual Transponder	Collins	TDR-94D
Six EFD Screens	Collins	EFD-4077 Proline 4
Dual DME	Collins	DME-442
GPS	Collins	GPS-4000
FMS DCU	Collins	FMS-4100
Air Data Computer	Collins	ADC-850B
Autopilot Panel	Collins	APP-85A
CVR	L3	S200-0012-00
FDR	L3	S800-3000-00
EGPWS	Honeywell	965-0676-021
TCAS II	Collins	TTR-921
ELT	Air Precision	ELT-96

This aircraft is subject to prior sale or withdrawal from the market. The specifications are subject to verification upon inspection.

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