

THOMAS AVIATION SERVICES, LLC

SAAB 340A

Year Manufactured 1985 Serial Number 043 Registration C-GPCQ
TTAF 54,204 hrs TCAF 55,531 cls

Information as of July 21, 2023

WEIGHTS:

Maximum Take-off 28,500 lbs Maximum Zero Fuel 25,700 lbs
Maximum landing 27,200 lbs Basic Operating Weight 18,225 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 5,467 hrs | E-367436 3,320 hrs |

| | <u>Limit (cls)</u> | <u>TR (cls)</u> | <u>TR (cls)</u> |
|-------------------------|--------------------|-----------------|-----------------|
| <u>Compressor Rotor</u> | | | |
| Stage 1 BLISK | 25,200 | 6,986 | 21,756 |
| 1/2 Spacer Ring | 34,000 | 17,349 | 30,556 |
| Stage 2 BLISK | 34,100 | 26,428 | 23,881 |
| Stage 3/4 BLISK | 24,200 | 16,528 | 20,756 |
| 2/3 Spacer Ring | 34,000 | 26,328 | 30,556 |
| Stage 5 BLISK | 40,000 | 32,328 | 36,556 |
| Centrifugal Impeller | 17,000 | 9,328 | 13,556 |
| Compressor Tie Rod | 33,000 | 8,579 | 14,873 |
| Rear Shaft | 32,600 | 24,928 | 14,401 |

| <u>Gas Generator Turbine Rotor</u> | | | |
|------------------------------------|--------|--------|--------|
| Stage 1 Fwd Cooling Plate | 11,500 | 6,558 | 8,056 |
| Stage 1 Aft Cooling Plate | 15,000 | 10,058 | 4,528 |
| Stage 2 Fwd Cooling Plate | 13,200 | 8,258 | 4,513 |
| Stage 2 Aft Cooling Plate | 12,000 | 2,558 | 4,056 |
| Stage 1 Disk | 15,000 | 10,058 | 4,564 |
| Stage 2 Disk | 15,000 | 10,058 | 4,564 |
| Turbine Shaft | 28,200 | 7,083 | 10,218 |

| <u>Power Turbine Rotor and Drive Shaft</u> | | | |
|--|--------|--------|--------|
| Power Turbine Shaft | 30,000 | 22,328 | 19,879 |
| Stage 3 Disk | 22,800 | 15,128 | 9,238 |
| Stage 4 Disk | 24,000 | 16,328 | 10,438 |

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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 DRG1896/89* | 1,299 | 6,201 | Nov 2028 |
| Hub MG127/07 | 1,299 | 6,201 | Nov 2028 |
| Blade 1 | 1,792 | 5,708 | May 3031 |
| Blade 2 | 1,792 | 5,708 | May 3031 |
| Blade 3 | 1,792 | 5,708 | May 3031 |
| Blade 4 | 1,792 | 5,708 | May 3031 |
| RH DRG/4190/87* | 5,373 | 2,217 | July 2025 |
| Hub MG026/12 | 5,373 | 2,217 | July 2025 |
| Blade 1 | 4,010 | 3,490 | Dec 2025 |
| Blade 2 | 6,161 | 1,339 | Mar 2024 |
| Blade 3 | 4,010 | 3,490 | Dec 2025 |
| Blade 4 | 6,161 | 1,339 | Mar 2024 |

* Final propeller serial numbers to be confirmed on July 25, 2023

LANDING GEAR:

MLG Overhaul: 12,000 cls

| | <u>CSO</u> | <u>TR</u> | <u>Due (Cal)</u> |
|------------------------------|------------|-----------|------------------|
| NLG Shock Strut LK8609658 | 6,042 | 5,958 | Jan 2025 |
| NLG Drag Brace LK8809692 | 7,644 | 4,356 | Nov 2023 |
| LH MLG Shock Strut LK8801083 | 3,249 | 8,751 | June 2025 |
| LH MLG Drag Brace LK8404229 | 5,382 | 6,618 | June 2025 |
| RH MLG Shock Strut LK8405592 | 7,822 | 4,178 | Sept 2024 |
| RH MLG Drag Brace LK8603660 | 5,333 | 6,667 | June 2025 |

MAINTENANCE:

| <u>Inspection</u> | <u>Date C/W</u> | <u>TS</u> | <u>TR</u> |
|----------------------|-----------------|-----------|-----------|
| 400 hr Inspection | May 18, 2023 | 2 | 398 |
| 800 hr Inspection | Mar 13, 2023 | 183 | 617 |
| 4000 hr Inspection | Aug 16, 2018 | 1,599 | 2,401 |
| 6000 cyl Inspection | Jun 27, 2016 | 3,565 | 2,435 |
| 12000 cyl inspection | Jun 17, 2016 | 3,565 | 8,435 |
| 6yr/4yr inspection | March 13, 2023 | | |
| 4yr/2yr inspection | June 9, 2022 | | |

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 | TPU-67A |
| ELT | Narco | ELT-10 |

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