

YEAR
20 24
DATE
7/16

TOTAL
TIME IN
SERVICE

Current Weight and Balance Information

Airframe Log
Date: March 16, 2024
Airframe Model No: AT-301
Tach: 192.9

Registration: N3165C
Airframe Serial No: AT301-0545
TTAF: 8049.2

Flight TIS Hobbs: 164.8

Removed inoperative landing lights. LED landing lights (STC Cessna 172) are re-purposed as recognition/anti-collision lights. The lights are installed in a simple 1/8" thick mild steel bracket attached to the nose case of the engine. All wiring conforms to AC 43.13-1B. A 5-amp CB is marked recog. Switch in overhead panel is marked recog. Nav and strobe light switches re-located next to the overhead panel. Lights and bracket do not affect structure and flight characteristics. After a review of part 43, this is deemed a minor alteration. Weight and balance change is negligible.

Ignition/starter switch removed- Installed simple aircraft toggle switches in order to prevent hydraulic lock at starting. The switches are located on the lower right bottom edge of the instrument panel. After a review of part 43, this is deemed a minor alteration. All exterior light switches relocated to overhead panel next to recog. Light switch.

Removed batteries. Installed used serviceable batteries Concorde P/N: 132-380040-3. These batteries O.E.M. Hawker BE-400 Aircraft. Battery mounts in the original location is similar weight and series to original batteries. This installation is considered a minor alteration by AC23-27 Substitution For Parts and Materials For Vintage Aircraft.

Vortice generator previously installed by persons unknown are found to conform with STC #SA00403SE. Weight balance change negligible. See 337 this date.

Removed right master cylinder, resealed master cylinder, reinstalled, bled brakes.

Airframe lubed and inspected. Wheel bearings packed- See log book entry Oct 2023.

SEE NEXT PAGE

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AD notes

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Current Weight and Balance Information

Empty Weight

Empty CG

Useful Load

Remarks

AD notes: AD search performed using FAA website.

- Complied with AD 2005-13-12 Horizontal Eye Bolts per 1- Next due March 2025. (a)(2) Next due at TIS 1350.
- AD 92-07-14 Wing Structure- Complied with by visual inspection per body of AD note. No corrosion found. Next due March 2025.
- AD 2008-9-10 Lower Spar Caps installed at 5162.3 TTAF. Spar caps replaced at 7059.1 TTAF. First Eddycurrent due TIS 2710.5 per (e) 1(i). No action required.
- AD 2021-05-014 Flap Rods previously complied with 3/2023. Complied with visual inspection. No cracks found. Next due TIS 509.8. Next dye pen. Inspection due TIS 835.
- AD 84-26-02 Induction Filters complied with paragraph a by filter replacement. Next due 664.8 TIS.

This airplane has been inspected IAW an Annual Inspection using Part 43 Appendix D as a guide, and has been found to be Airworthy.

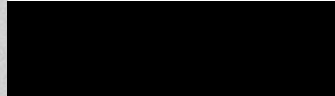
Tony Blum A&P [REDACTED] IA

3/16

Airplane weighed
Records.

THIS DATE. SEE A/C

A&P [REDACTED] PA

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
7/2/23		TACH 2888.6	TSMOH 466.4 TTE 11,047.4	OIL CHANGED THIS DATE. CUT OPEN FILTER, MODERATE TO SMALL SIZE NON FERROUS FLAKES WERE FOUND. #6 EXHAUST VALVE SEAT FOUND LOOSE IN HEAD. REMOVED CYL, YELLOW TAGGED PISTON & CYLINDER INSTALLED #6. INSTALLED NEW FILTER, SERVICED WITH OIL, GROUND RAN ENGINE FOR 1 HOUR AT LOW TO MED. CRUISE POWER SETTINGS. REMOVED FILTER, CUT OPEN, SMALL AMOUNTS OF SMALL NON-FERROS PARTICLES FOUND. INSTALLED NEW OIL FILTER (PHILLIPS 25XC00 OIL IN ENGINE) VALVES ADJUSTED. COMPRESSION CHECKS AS FOLLOWS - #1 180, #2 180, #3 180, #4 180, #5 180, #6 180, #7 180, #8 180, #9 180. TIMING CHECKED, L 25° BTDC, R 20 1/2° BTDC, ADJUSTED RIGHT TO 25° BTDC. REPLACED STUD ON #3 EXHAUST. SPARK PLUGS CLEANED AND GAPS CHECKED. AD SEARCH PERFORMED USING TAN WEBSITE, NO NEW AD NOTES FOUND. COMPLIED WITH 99-11-02 CYL HEADS BY VISUAL INSP., NO CRACKS FOUND. NEXT DUE 11,147.4 TTE. (TACH 2788.6) THIS ENGINE INSPECTED DURING ANNUAL INSPECTION, FOUND AIRWORTHY  AIP  PA  TONY BLUM HAM STANDARD REMOVED, THEN REINSTALLED AFTER AD COMPLIANCE, 23D-40, SN 960205.  AIP  PA  TONY BLUM

Engine Log

AT-301

Pratt & Whitney

Date: May 1, 2023

N3165C

R-1340-59

Tach: 0

TTE: 11,054.4

S/N CAC-385

TTSMO: 473.4

K

Compression check #1- 78/80, #2- 78/80, #3- 78/80, #4- 80/80, #5- 78/80, #6- 78/80, #7- 78/80, #8- 78/80, #9- 80/80. Mag timing checked. Left mag 24.5 degrees BTDC. Right mag 25.5 degrees BTDC. Points inspected, and found to be ok. Spark plugs inspected and gapped.

Installed overhauled carburetor Bendix Model NAY9F 1. Serial number 5969175.

AD search performed using FAA website. No new AD notes found at this time. Complied with AD 99-11-02 Cylinder Heads by visual inspection per body of AD note. No cracks found. Next due at Tach 100.

Engine inspected during ANNUAL inspection.

Tony Blum A&P [REDACTED] IA

7/31/2023 TACH 142.3 TTE 11,196.7 TSMO 615.7

OIL CHANGE. NO SIGNIFICANT METAL FOUND IN FILTER. ENGINE SERVED WITH 6 GAL. PHILLIPS 25W-60 OIL. ENGINE RAN, NO LEAKS

A&P [REDACTED] IA

10/2/23 TACH 192.6 TTE 11,247.0 TSMO 666.0
 COMPRESSION CHECKS: #1 78/80 #2 78/80
 #3 79/80 #4 77/80 #5 80/80 #6 80/80 #7 76/80 #8 77/80
 #9 79/80, INSTALLED NEW CHAMPION REM-40E SPARK PLUGS IN REAR OF ALL CYLINDERS. ENGINE RAN, ALL OPS NORMAL. REMOVED CYL 3. INSTALLED USED, SERVICEABLE CYL. Ring gaps checked, test ran, test flown.

A&P [REDACTED] IA

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	Engine Log AT-301 Pratt & Whitney Date: March 16, 2024		N3165C R-1340-59 Tach: 192.9	TTE: 11,247.3 S/N: CAC-385 TTSMO: 666.3
	Oil change 3/16/2024. Remove filter. Cut open filter. No significant metal found. Installed new filter. Serviced engine with Phillips 25-60XC oil. Engine ran. No leaks found. Compressions previously performed. See log book entry Oct. 2023. Mag points inspected. Felts lubed. Left mag 25 BTDC. Right mag 25 BTDC.			
	Installed new REM40E spark plugs in front.			
	AD search performed using FAA website. No new AD notes found at this time. Complied with AD 99-11-02 Cylinder Heads by visual inspection per body of AD note. No cracks found. Next due at Tach 292.9			
	Engine inspected during ANNUAL inspection.			
	Tony Blum A&P			