Weight and Balance Update N9784Q - March 22, 2021

Revision of previous weight and balance dated 10-12-1999.

Weight and balance changed to include oil in aircraft empty weight to simplify loading calculations. Oil was deducted when aircraft last weighed on 4-23-1998.

previous EW 3648.4 arm 164.47 moment 600,052.6

add 10qts per engine (5 gal. total of oil x 7.5 lbs)

weight 37.5 lbs arm 145 moment + 5,438

temporary removal of center seats and aft bench seat

bench seat 56 lbs arm 165 moment -9,240

2 center seats 47 lbs arm 132 moment -6,204

new empty weight 3582.9 arm 164.6 moment 590,046.6

DGolike 3-22-2021

[redacted]

N9784Q

EQUIPMENT LIST

AMENDMENT 4-22-98

This amendment is a supplement to the factory equiptment list dated 5-19-77 and, in conjunction with the factory list, reflects the current aircraft configuration as of 4-22-98.

Qty	Discription	PN	Weight	Arm
1	Collins audio marker panel	AMR 350	1.8	71.1
2	Collins com transceiver @ 3.8#	VHF 251	7.6	68.2
2	Collins nav receiver @ 3.1#	VIR 351	6.2	68.8
1	Collins nav indicator #1	IND 351	1.0	71.7
1	Collins nav indicator #2	IND 350	1.0	71.7
1	Collins ADF receiver	RCR 650	2.3	70.3
1	Collins ADF indicator	IND 650	0.6	72.6
1	Narco transponder	AT 50A	2.3	70.8
1	Collins glideslope reciever	GLS 350	2.0	23.6
2	Collins power converter @ 1.5#	PWC 150	3.0	50.0
1	Flight hour meter		1.0	68.0
1	Map light		0.6	99.3
1	Super Soundproofing		45.0	143.5
1	Altitude reporter - Aerosonic	101932-0944-1	1.0	56.5
1	Dual EGT indicator - Alcor		1.0	74.0
1	[redacted]	~~WX-950~~		

Ted Smith AEROSTAR Corporation

2560 Skyway Drive, Santa Maria, California 93454

60-0416-143 N9784Q 5/18/77

OPTIONS INSTALLED AT CERTIFICATION

ITEM	WT.	ARM	MOMENT
Century IV Autopilot	32.3	96.7	3123
Less Flight Programmer	-2.3	228.8	-526
Less System Coupler	-1.3	60.0	-78
Less Directional Gyro	-2.0	71.1	-142
Less Computer Amp	-.5	43.0	-22
Less Artificial Horizon	No change		
Remote Altitude Digitizer	1.6	63.9	102
Synchrophaser	6.2	171.2	1061
Dual EGT	1.0	131.0	131
Collins Avionics			
AMR 350	1.8	71.1	128
VHF 251 (2 @ 3.8#)	7.6	68.2	518
VIR 351 (2 @ 3.1#)	6.2	68.8	427
IND 350	1.0	71.7	72
IND 351	1.0	71.7	72
RCR 650	2.3	70.3	162
IND 650	.6	72.6	43
TDR 950	2.0	70.8	142
GLS 350	2.0	23.6	47
PWC 150 (2 @ 1.5#)	3.0	50.0	150
ADF ANT 650	2.0	121.0	242
Harness & Bracketry	14.7	55.2	811
TOTAL	79.2	81.6	6463

Superceded 5/[redacted]/77 [redacted]

[redacted]

INSPECTOR 5/19/77 DATE

TED SMITH AEROSTAR CORPORATION

FORM 20-15

#3 84Q

THE **adlog**™ AIRCRAFT MAINTENANCE RECORDKEEPING SYSTEM

AIRFRAME MAINTENANCE RECORDS

THE adlog™ AIRCRAFT MAINTENANCE RECORDKEEPING SYSTEM

AIRFRAME MAINTENANCE RECORDS

Log No. 3

Aircraft Registration No. N9784Q

Aircraft Mfg. Piper Model PA60-600 Serial No. 60-0416-143

Engine Mfg. Lycoming Model IO-540-K1E5 Serial No. L-15250-48A

Engine Mfg. Lycoming Model IO-540-K1E5 Serial No. L-9362-48

Propeller Mfg. Hartzell Model HCC3YR-2UF Serial No. —

Hub Design No. — Hub Serial No. CK 659

Blade Design No. FC8468-8R Blade Serial No's. E 26345

E 26671

E 26323

Propeller Mfg. Hartzell Model HCC3YR-2UF Serial No. —

Hub Design No. — Hub Serial No. CK 1185

Blade Design No. FC 8468-8R Blade Serial No's. E 18645

E 59708

D 2742

(All applicable information must be filled in)

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Page No. 1

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	~~7701.0~~ ~~7694.0~~		**TOTAL** brought forward from previous page
1/16/91	~~7734.6~~	2884.6	Removed and replaced LH Aileron bell crank.
	7734.6		Ck lights. Insp wings and fuselage. Ck
			Cables and Int, Reinstalled All Panels
			COMPLETED TF ~~PROGRAMMED~~ INSPECTION
			EVENT # 100 hr SEE WORK ORDER# 1513
			FOR DETAILS.
			TEST RUN Aircraft OPS. CHECK O.K.
			RETURN TO SERVICE.
			NEXT TF INSPECTION EVENT # 50 hr
			DUE AT 2934.6 HOURS.
			[redacted]
1/31/91	7755.9	2540.5	Change oil & Filter. Added 10 qt
			Aeroshell W100. Run Engine leak ck OK
			Edward A. Kelsey
			[redacted]
1/31/91	7795.9	2940.9	Installed O/H 8 Day clock P.N. W33-7510-10L (16-100)
			S.N. 6351. See yellow Tag Aircraft Instr.
			and Development Inc. WO # 43940
			Dated 1/18/90
			[redacted]
2/9/91	7839.1	2984.1	COMPLETED TF ~~PROGRAMMED~~ INSPECTION
			EVENT # ~~50~~ 100 SEE WORK ORDER# 1533
			FOR DETAILS.
			TEST RUN AIRCRAFT OPS. CHECK O.K.
			RETURN TO SERVICE.
			NEXT TF INSPECTION EVENT # ~~100 hr~~ 50 hr
			DUE AT 3034.1 HOURS.
			[redacted]
	7839.1		**SUB-TOTAL** this page
			TOTAL—Carry forward to next page

Page No. _____

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		TOTAL brought forward from previous page	
8/31/93	10135.1	2068.8	Covered Airlight Reinstalled Cowl, QPSI
			SATISFACTORY
			I CERTIFY THIS Airplane HAS BEEN INSPECTED IN ACCORDANCE WITH 100 hr INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. [redacted]
06/14/96		2165.3 Tach	A/F opened, inspected & Lubed. Normal & emergency gear retraction test's performed Installed, used serviceable flap in L/It position. I certify that this A/F has been inspected IAW a 100 HR Annual Inspection & was determined to be in airworthy condition AD's cld thru 96-12 [redacted]
			SUB-TOTAL this page
			TOTAL—Carry forward to next page

Page No. _____

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK N9784Q
4-23-98			weighed Aircraft with Eletronic scales
Hobbs	2175.7		with full oil & full fuel. Nose WT 531 Lbs
			RT Main 2102 Lbs LT Main 2087 recalculated
			New Empty WT as follows: The new Empty
			WT is 3665.5 Lbs The new empty center
			of gravity is 164.3 inches AFT of Datum
			the New usefull Load is. 1834.5 pounds
			@ 5500 pounds Gross weight. [redacted]
			[redacted]
4/23/98	2175.7 hrs		Reseeled Wheel cylinders Both [redacted]
			Bled Brakes & Serviced Brake fluid [redacted]
			[redacted]
4.23.98	Hobbs 2175.7		TTIS 10242.0 I certify this aircraft has been
			inspected in accordance with an annual inspection and was determined
			to be in airworthy condition. [redacted]
5-5-98	Installed new ELT battery. Replacement due ~~5-31-98~~ 5-31-00.		[redacted]
6-15-98	Hobbs 2225.0		TTIS 10291.3 Serviced aircraft IAW PA60 50 hr inspection
			and maintenance checklist. Replace camlock assy on L/Eng cowl. Adjust
			flap indicator sender [redacted]
10-10-98	Hobbs 2283.1		TTIS 10349.4 Serviced A/C IAW 100 hr Insp. I certify this
			aircraft has been inspected IAW an Annual inspection and was found to be in
			airworthy condition. [redacted]

N9784Q AIRFRAME RECORD

6-17-99 Hobbs 2386.3 TTIS 10,452.6
Complied with AD,s.
76-07-12, operational check, due each 100 hrs.
79-01-05, Per SB 600-84, due each 12 calender months.
80-19-14, per SB 600-88A, due each 12 calender months.
93-13-08, per section 2(ii), due each 100 hrs.
95-23-11, by inspection, due each 100 hrs. or annual.
Serviced aircraft in accordance with Aerostar 600 service manual 100 hr. inspection ckecklist.
I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. J. R. Baumann [redacted]

10-12-99 2438.9
Serviced aircraft in accordance with 50 hr inspection.
Installed new flap track rollers and hardware on both flaps.
Computed new weight and balance due to installation of Sky-Tec ligh weight starters.
J. R. Baumann AI [redacted]

10-28-99 2451.3 hobbs
Install and adjust new right main landing gear down lock switch.
J. R. Baumann A [redacted]

01-2000 2485.0 hobbs
Complied with AD's:
76-07-12, operational check, due each 100 hrs.
93-13-08, per section 2(ii), due each 100 hrs.
95-23-11, by inspection, due each 100 hrs. Or annual. [redacted]

2-16-2000 2500.0 hobbs 10,566.0 TTIS
Exterior paint touch up by Doug Harrison.
Serviced aircraft in accordance with an annual inspection.
Remove, clean, inspect, paint, service, re-install, nose landing gear scisso By Brian Abbo
Repair pneumatic manifold valve.
Adjust pilots vent cable. By Bryan Abbott.
Clean and adjust parking brake cable. By Bryan Abbott.
Complied with AD's:
76-07-12, operational check, due each 100 hrs.
79-01-05, per SB 600-84, due each 12 calender months.
80-19-14, per SB 600-88A, due each 12 calender months.
93-13-08, per section 2(ii), due each 100 hrs.
95-23-11, by inspection, due each 100 hrs. or annual.
I certify this aircraft has been inspected in accordance with an annual inspection and was found to be in airworthy condition. J. R. Baumann [redacted]

C-LINE #62037
CLEAR KEEPER

N9784Q AIRFRAME RECORD

5-3-2000 2552.8 hour meter

Complete 50 hr inspection and service in accordance with Aerostar service manual.
Remove right prop, install new Low RPM stop, desludge, re-install and service with dry nitrogen.
Service struts with dry nitrogen.
Remove main tires and reinstall reversed for tire wear.
Clean, inspect and re-pack wheel bearings.
Service accumulator to 500 PSI with dry nitrogen.
Install new alternator belt on right engine.

Work performed by Bryan Abbott. All work performed in accordance with Aerostar service manuals.
J. R. Baumann [redacted]

9-18-00 2599.7 hour meter A/C TT 10,665.7

1. Complied with AD 76-07-12, Bendix switch operational check OK. Next inspection due 10,765.7 hrs.
2. Complied with AD 93-13-08 par (2), main landing gear torque link inspection. Next due 10,765.7 hrs.
3. Complied with AD 95-23-11 par (a), left hand and right hand upper and lower horizontal flange inspection. Next inspection due at 10,765.7 hrs.
4. Complied with AD 80-19-14 par (a), horizontal and vertical stabilizer fitting inspection. Next inspection due at 10,765.7 hrs.
5. Complied with AD 98-24-29, upper wing spar cap fatigue cracking, by inspection. Next inspection due at 10,765.7 hrs.

I certify that this aircraft has been inspected in accordance with a 100 hr/ANNUAL inspection and was determined to be in airworthy condition. Darrell K. Kalbach A [redacted]

9-20-00 2599.7 hour meter TTAF 10,665.7

1. Inspected in accordance with SB600-136 and was found to be in airworthy condition.

Darrel K. Kalbach A [redacted]

10-17-00 2608.7 hour meter TTAF 10,674.7

1. Removed DG and installed newly overhauled Directional Gyro PN 1U262-032-2, SN T34255G.

Paul E. Willson [redacted]

10-25-00 2608.7 hour meter TTAF 10,674.7

1. Removed right fuel boost pump. Installed new pump Airborne PN 2B6-6, SN 6AT24. Check for proper operation and pressure. No leaks. Paul E. Will[redacted]

2-2-01

1. Install new ELT battery, Artex model 00-01-009 REV. C
2. Remove nose wheel steering actuator, clean and install all new O-Rings and back-up rings per Machen instruction AAD00418.
3. Removed inspection cover at rear inboard right wing fuel tank. Applied Sealco sealant C53204 B2-AMS-S-8802 to suspected fuel seepage location. Installed cover using the same sealant. Work done by Bryan Abbott and Paul Willson. Paul E. Willso[redacted]

ALPHA AVIATION

Aerostar N9784Q

SUPPLEMENTAL MAINTENANCE LOGBOOK

SECTION: Airframe PAGE:

3-22-01 2654.4
Serviced aircraft in accordance with 50 hour inspection. Installed new RH FRONT window P/N W/T-2170-RHF, LH FRONT window P/N W/T-2170-LHF, MFR by Great lakes. Installed new LEFT Skylight window 1034-SG and right skylight window P/N 1035 SG from LR AERO PLASTICS. Fabricated and installed new landing Light cover from 1/8" acrylic [redacted]

8-30-01 HOBBS 2682.7
Installed Control Surface Aerodynamic Enhancement Devices, KIT Number 73-1-600, Manufactured by Madson, Inc. Installation performed in accordance with Madson installation instructions, Document 73-1 dated 11-21-95 authorized by Supplemental Type Certificate SA2143NM. Work performed by Bruce Abbott and Dan Wilcox [redacted]

8-31-01 HOBBS 2682.7
Installed side brace InertiaLink, Kit # 91.50010800013 Manufactured by Merlyn Products, INC. Kit installed in accordance with MPi installation instruction 91.50-1 and in compliance with STC # SA00943SE. This installation constitutes an alternate means of compliance with AD 2001-08-10 [redacted] 01

9-6-01 Hobbs 2682.7 Installed BF Goodrich WX-950 Storm scope in accordance with installation instructions 009-10950-001 Sec. 337 Dated 9-6-01. Functional Test OK [redacted]

9-30-01 2682.7 Installed new bearings on aileron, elevator and rudder control surfaces. Repaired ground on Left wing nav light. Adjusted tire pressure. Serviced all struts with nitrogen. Cleaned Interior Painted aircraft. Washed aircraft. Polished [redacted] ver. Serviced props with dry nitrogen.

10-1-01 Hobbs 2682.7 TTIS I certify this aircraft has been inspected IAW an annual inspection and was determined to be in airworthy conditi [redacted]

NOTE: THIS DOCUMENT IS PART OF THE PERMANENT MAINTENANCE RECORDS.
DO NOT DESTROY

N9784Q Smith AEST(PA-60-600) S/N 60-0416-143 ACTT 10877.8

N9784Q AIRFRAME RECORD

2-3-2003 Hobbs 2811.8

1. Removed both main gear struts, resealed struts, reinstalled, serviced per maintenance manual procedures. Functionally tested. Operation normal.
2. Removed all wheel assemblies, packed wheel bearings and reinstalled wheel assemblies.
3. Repaired left fuel selector knob and reinstalled.
4. Installed new bulbs on glare shield that were burned out or missing red color.
5. Repaired main cabin door seal.
6. Installed new seals on nose wheel steering actuator.
7. Replaced both left and right main fuel hoses between wing and fuselage with H-6000 hose.
8. Installed new BA-4 air filters on both engines.
9. Replaced broken static line in right wheel well.
10. Replaced turn coordinator with serviceable MOD 1394T100 SN 9301-117.
11. Tightened all engine control knobs on respective controls.
12. Removed battery. Cleaned and painted battery box. Charged battery. Reinstalled same.
13. Installed new bolts on all three rudder attach points.
14. Installed new bolt on left outboard fitting of left elevator.
15. Repaired seal on emergency exit window due to wear.
16. Charged accunulator to proper charge.
17. Removed, rebuilt, and reinstalled all brake master cylinders.
18. All applicable Ads complied with

All work accomplished in accordance with Aerostar Service Manual by BM-Brian McPherson, JF- Joel Fischer, RR- Robert Reynolds, AO- Allan Ortiz, MD- Matthieu Dehaene.

I certify this aircraft has been inspected in accordance with an annual inspection and completed on 02-03-2003 using procedures provided in the Piper Aircraft Corporation Maintenance Manual for 600/601/601P/602P aircraft using the 1000 hour inspection criteria, and have found this aircraft to be in an airworthy condition. Robert Reynolds API[redacted]

N9784Q Smith AEST(PA-60-600) S/N 60-0416-143 ACTT 10882.0

N9784Q Hobbs 2816.0
03-11-2003
Removed right engine fuel servo for bench test and flow adjustment. Testing and adjustment performed by Mike's A/C Fuel Metering Service , Tulsa, OK. Installed serviceable fuel servo, adjusted throttle and mixture linkages, engine run performed. Engine operation normal. [redacted]

N9784Q SMITH AEROSTAR (AEST) S/N 60-0416-143 AIRFRAME RECORD

N9784Q Hobbs 2816.0
03-11-2003
Removed right engine fuel servo for bench test and flow adjustment. Testing and adjustment performed by Mike's A/C Fuel Metering Service , Tulsa, OK. Installed serviceable fuel servo, adjusted throttle and mixture linkages, engine run performed. Engine operation normal.
Matthieu Dehaene [redacted]

04-29-03 Hobbs 2828.8
1. Removed old push to talk switch, and replaced with the same model. Work done by Brian McPherson
Matthieu Dehaene A[redacted]

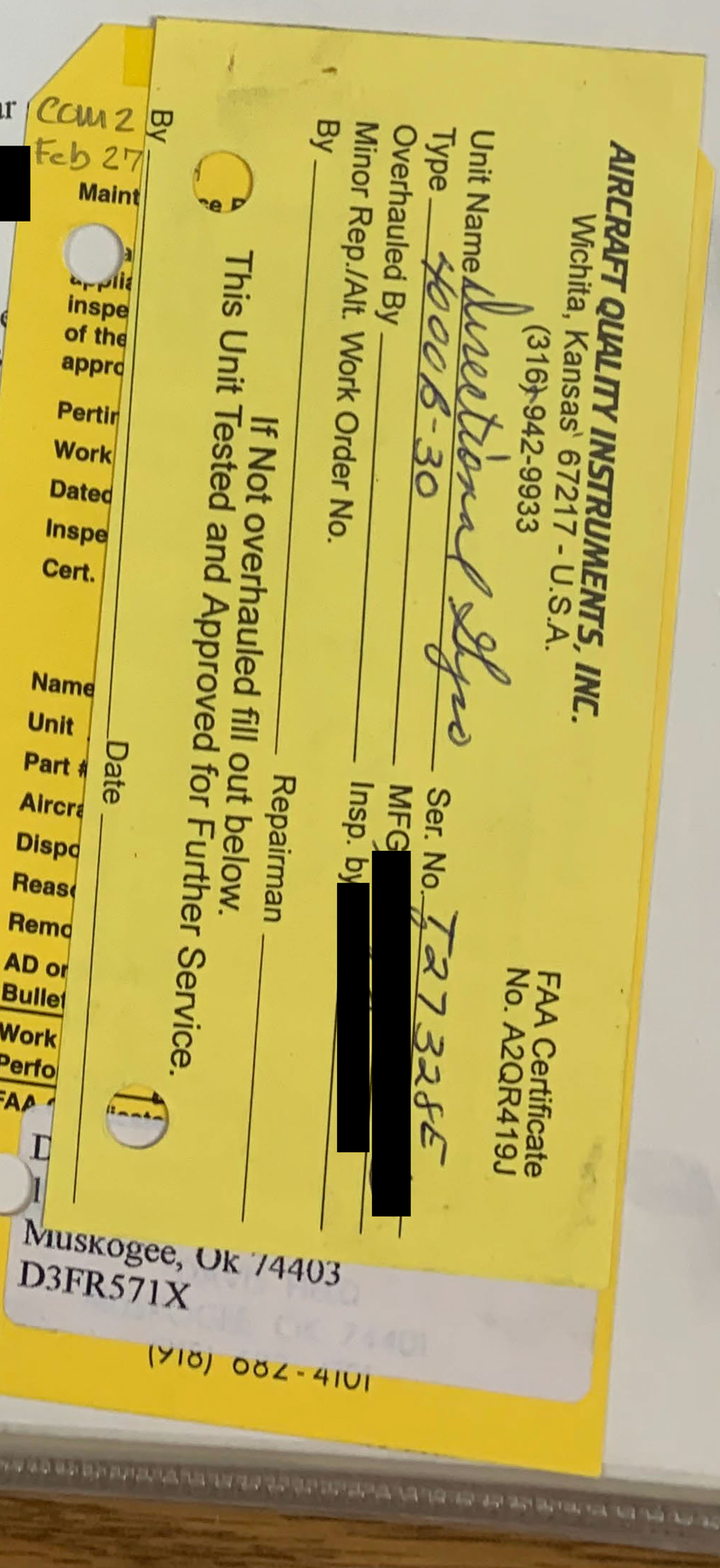
06-24-03 Hobbs 2860.4
1. Serviced main landing gear struts in accordance with the piper service manual.
All work performed by David Philpott and in accordance with the Piper service manual
Matthieu Dehaene [redacted]

07-03-03 Hobbs 2860.5
1. Replaced ELT battery next due date is the 07/2005
Performed 50 Hour inspection in accordance with the Aerostar
this aircraft is in airworthy condition
Matthieu Dehae[redacted]

08-05-03 Hobbs 2872.4
1. Replaced defective alternator on Right Engine with Kelly Ae
according to Service manual and tested operation. Work by B
Philpott [redacted]

08-15-2003 Hobbs 2872.4
1.Replaced left throttle cable per AEST Maintenance manual.
2.Replaced defective fasteners in floor panels and seat rails
Bryan Abbot[redacted]

08-19-2003 Hobbs 2875.4
1. Replaced right throttle cable per AEST Maintenance manu
2.Cleaned belly panels w/ stoddard solvent and lubricated bu
Bryan Abbott [redacted]



N9784Q SMITH AEROSTAR (AEST) S/N 60-0416-143 AIRFRAME RECORD

12-08-2003 Hobbs 2910.4

1. Serviced aircraft in accordance with Aerostar 100 hr inspection and service checklist.
2. Install new brake linings.
3. Install new Condor main landing gear tires and tubes.
4. Polished chaff marks from paint and windows.
5. Re-pack wheel bearings and reinstall.
6. Swing compass at TUL and install updated compass card.

All work performed in accordance with Aerostar service manual by Brian McPherson and Bryan Abbott.

Byran Abbott A [redacted]

03-11-2004 Hobbs 2933.2 TTAF 10,999.2

Inspect and service aircraft in accordance with Aerostar annual inspection checklist.

1. Removed BFG Stormscope, antenna, power supply, and associated cables and wiring.
2. Remove #1 COM for repair. Reinstall #1 COM after repair by Davis Field Aviation CRS.
3. Replace fastener in air box cover.
5. Replace missing valve cap on accumulator.
6. Clean and neutralize battery compartment.
7. Service and recharge batteries and reinstall in aircraft.
8. Replace 1ea missing screws in upper wing root fairing, left and right.
9. Service main landing gear struts with MIL-H-5606A and dry nitrogen.
10. Replaced DG with newly O/H Sigmatec 1U262-001-39, SN T273285.
11. Service Hydraulic Accumulator to 500 PSI.
12. Ty-rap loose cable at left tach generator connector.
13. Install new induction tube from left engine air filter to fuel controller.
14. Bleed left brake due to soft pedal co-pilot side.
15. Test ELT per FARs

All work performed by Brian McPherson, Bryan Abbott, and Stephen Copely.

This aircraft has been inspected in accordance with an annual inspection and was found to be in airworthy condition. J. R. Baumann A [redacted]

04-16-2004 Hobbs -2951.0 TTIS -11'017

1. Removed and Replaced Pilot Eyebrow window with new p/n W/G-2180-LH by Great lakes Aero Products, Inc. of Flint MI.
2. Repaired damage to fiberglass window frame.
3. Used PolyFiber lightweight filler to fair window and cover rivet heads. Painted with Anchor low VOC paint to match.
4. Replaced right gear door bell crank with P/N 400088-02 from Aerostar corp.

All work performed according to maintenance manual. Bryan Abbott [redacted]

N9784Q SMITH AEROSTAR (AEST) S/N 60-0416-143 AIRFRAME RECORD

4-29-2004 2951 Hobbs

1. Repaired baffle on Rt engine located forward of cylinder and above oil cooler. Used .070" alum. angle and .032" 2024 T3 sheet.
Bryan Abbott A[redacted]

05-12-2004 2970.6 Hobbs

1. Cleaned seat rails and lubricated tracks and rollers.
2. Installed small section of door seal to stop air leak.
3. Removed Emergency Exit door and repaired seal. Reinstalled door and trim. Replaced Velcro as needed on trim.
4. Replaced both Gill, G-25M batteries with new Gill, G-25S batteries S/Ns GO2123474 and GO2130810 (G-25M is no longer available. G-25S is the now PMA for PA-60-600). The G-25S Batteries are maintenance free, non-vented, so vent tubes were partially removed, but still should provide ventilation to the battery compartment. Supplied owner with instructions for service and inspection.

Bryan Abbott A[redacted]

5. Replaced 1J4-4 canister type filter on ~~the first. Pressure line to~~ on pressure system due @ next pump replacement, ~~or~~ 500hrs or Annual whichever comes first[redacted]

N9784Q SMITH AEROSTAR (AEST) S/N 60-0416-143 AIRFRAME RECORD

04-15-2007 Hr Mtr. 3106.0 TTIS 11,172
Inspect and service aircraft in accordance with Aerostar annual inspection checklist.
1. Clean and neutralize battery compartment.
2. Service and recharge batteries and reinstall in aircraft.
3. Ty-rap loose cables in right engine nacelle.
4. Test ELT per FARs
5. Complied with AD 79-1-5 by inspection IAW par B 1.

All work performed by Burton Bruce and Randy Baumann.
This aircraft has been inspected in accordance with an annual inspection and was found to be in airworthy condition. J. R. Baumann AP [redacted]

08-15-2007 Hr Mtr. 3114.4 TTIS 11,180.4
1. Re-sealed and serviced Left and Right Main Landing Gear Struts.
2. Performed landing gear retraction test. System operates normally.
3. Serviced hydraulic system with MIL-H-5605A.
4. Adjusted main landing gear and gear door rigging.
5. Turn MLG tires on wheel for improved wear.
6. Re-sealed left and right brake calipers.
7. Resealed both brake calipers and serviced brake system with MIL-H-5606A
8, Replaced (2 ea) left engine lower mounts with new pn 2J9613-9 .
9. Replaced (1 ea) battery with new Gill G-25, sn G02287642
10. Cleaned and buffed aircraft.
11. Treated aircraft with Corrosion X.
12. Replaced left and right engine air filters with 2 ea new BA-4.
13. Clean and tighten fuel selector valve.
14. Adjust ad tighten loose Glide Slope receiver for proper security.
15. Serviced nose gear strut.
Work performed by Jason Baumann, Larry Minor, Chuck Martinez and Randy Baumann
J. R. Baumann AP [redacted]

N9784Q Date: April 17, 2018 Hobbs: 3126.4 TT: 11,192.4

I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Lubricated all controls and hinge points. Replaced BA4 foam airfilter elements and RAD9-14-5 vac filters both engines.

Replaced ice damaged LH and RH wing fuel tank sumps with serviceable sumps from Aerostar World. Replaced rusty fuel filler adaptors with serviceable units from Aerostar World. Cleaned and resealed all fuel caps with new O rings, MS28775-010 (inner) and MS28775-338 (outer). Adjusted all cap closing tensions to the proper tension. All 4 crossfeed valves resealed and tested by A/C Accessories of Oklahoma. Installed overhauled fuselage fuel bladder from Eagle Fuel Cells and all new fuel and vent hoses in fuel sump/crossfeed valve area. Replaced LH and RH fuel boost pumps with overhauled units (Airborne model 2B6-6 s/n 1AH1 and 4AE64). Replaced flexible fuel lines from wheel wells to firewalls both engines and firewalls to EDFP's.

Cleaned and zinc chromated tail battery compartment and installed 2 new RG-35X batteries. Cleaned and repacked MLG and nose wheel bearings. Cleaned and inspected LH and RH kidney panel fuel screens in wheel wells. Serviced with new inner and outer "O" rings MS 29513-212 and -327. Cycled hydraulic landing gear and flaps and checked emergency gear extension. Found to operate normally and serviced hydraulic accumulator with nitrogen to 500psi. Airspeed indicator overhauled by Rudy's and installed overhauled altimeter from Century Instrument. Inspected and tested Narco ELT 10 in accordance with FAR 91.207 (d) battery due October 2018.

C/W AD 2009-02-03 ~~by replacing gaskets on Bendix fuel injection servo plugs on both engines with new design gasket p/n 2577258, torqued plugs to 90-100 inch lbs. per AD, re-safetied and scribed plugs with letter "G" indicating compliance~~. DNA gaskets date prior to the defective gasket min date

AD 2017-06-03 does not apply to this heater, because it is Janitrol and not Southwind/Stewart Warner heater. AD 2004-21-05 does apply. C/W AD 2004-21-05 by disabling heater and placarding as inoperative. Heater appears to be Janitrol model B3500 model 22D25-1.

2 AD's due at hobbs 3217.1 - AD93-13-08 and 98-24-29, rest of repetetive AD's due at hobbs 3226.4

DGolike [redacted]

(continued next page)

N9784Q Date: April 17, 2018 Hobbs: 3126.4 TT: 11,192.4

I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Lubricated all controls and hinge points. Replaced BA4 foam airfilter elements and RAD9-14-5 vac filters both engines.

Replaced ice damaged LH and RH wing fuel tank sumps with serviceable sumps from Aerostar World. Replaced rusty fuel filler adaptors with serviceable units from Aerostar World. Cleaned and resealed all fuel caps with new O rings, MS28775-010 (inner) and MS28775-338 (outer). Adjusted all cap closing tensions to the proper tension. All 4 crossfeed valves resealed and tested by A/C Accessories of Oklahoma. Installed overhauled fuselage fuel bladder from Eagle Fuel Cells and all new fuel and vent hoses in fuel sump/crossfeed valve area. Replaced LH and RH fuel boost pumps with overhauled units (Airborne model 2B6-6 s/n 1AH1 and 4AE64). Replaced flexible fuel lines from wheel wells to firewalls both engines and firewalls to EDFP's.

Cleaned and zinc chromated tail battery compartment and installed 2 new RG-35X batteries. Cleaned and repacked MLG and nose wheel bearings. Cleaned and inspected LH and RH kidney panel fuel screens in wheel wells. Serviced with new inner and outer "O" rings MS 29513-212 and -327. Cycled hydraulic landing gear and flaps and checked emergency gear extension. Found to operate normally and serviced hydraulic accumulator with nitrogen to 500psi. Airspeed indicator overhauled by Rudy's and installed overhauled altimeter from Century Instrument. Inspected and tested Narco ELT 10 in accordance with FAR 91.207 (d) battery due October 2018.

DNA gaskets date prior to the defective gasket min date

C/W AD 2009-02-03 ~~by replacing gaskets on Bendix fuel injection servo plugs on both engines with new design gasket p/n 2577258, torqued plugs to 90-100 inch lbs. per AD, re-safetied and scribed plugs with letter "G" indicating compliance~~.

AD 2017-06-03 does not apply to this heater, because it is Janitrol and not Southwind/Stewart Warner heater. AD 2004-21-05 does apply. C/W AD 2004-21-05 by disabling heater and placarding as inoperative. Heater appears to be Janitrol model B3500 model 22D25-1.

2 AD's due at hobbs 3217.1 - AD93-13-08 and 98-24-29, rest of repetetive AD's due at hobbs 3226.4

DGolike [redacted]

(continued next page)

Continued from Annual entry of April 17, 2018 Hobbs 3126.4

Repetetive AD's: C/W 03-14-03 50hr. visual inspection of Romec engine fuelpumps next due 50hr @ 3176.4

C/W 76-07-12R1 100hr. inspection for grounding of mag switch next due at hobbs 3226.4

C/W 79-01-05 annual inspection of integrity of fuel fillers and placards

AD 80-19-14 is NOT a repetetive AD and has been previously complied with. (100hr inspection of horizontal/vertical attachment fittings per SB600-88A)

(Not done at this time) AD93-13-08 100hr main gear torque links dye penetrant inspection next due hobbs 3217.1

C/W 95-23-11 100hr/annual inspection of stabilizer attachment fittings per SB600-130 next due hobbs 3226.4

(Not done at this time) 98-24-29 100hr. inspection of upper wing spar cap next due hobbs 3217.1

AD 03-22-01 does NOT apply this a/c, no STC modification (50 hr. inspection of fuel transfer pumps)

C/W 15-19-07 100hr. inspection of condition and security of engine fuel inj. lines next due at hobbs 3226.4 DGolike [redacted]

4/16/2018 3126.4 Hobbs.

Overhaul of LH Romec engine fuel pump restarts required inspections of housing screw torques @ 50hr/6mo intervals per AD 03-14-03.

[redacted]

October 10, 2018 Hobbs: 3127.5

C/W 03-14-03 for leakage of Romec engine driven fuel pumps each 50hrs. and torque check at 50hr/6 month intervals until pump has reached 100hr TIS with no loss of torque.

RH pump has passed 100hr TIS torque verifications. Performed 50 hr. visual inspection of RH pump, next due at hobbs 3177.5 Performed 1st torque verification of LH pump since overhaul April 2018. No loss of torque noted, next inspection due April 30, 2019 or hobbs 3177.5

DGolike A&P [redacted]

N9784Q AIRFRAME LOG SMITH AEROSTAR (AEST) SN 60-0416-143

04-16-2018 Hr Meter 3126.7 TTAF 11,192.7

1. R&R steering actuator and replace leaking seals.
2. Service tires to proper pressures.
3. Bleed and service brakes.
4. Alternators do not come online at start up, Remove electrical cover panel for testing.
5. Install maintenance switches to flash the field.
6. Run up and flash field on both left and right. Normal alternator operation observed.
7. Install engine cowlings. Install interior. Service hydraulic.

Work performed by Ben Serafin, Stephanie Foster, Phil Snow and Randy Baumann.
J R Baumann A[redacted]

08-07-2018 Hr Meter 3126.7 TTAF 11,192.7

1. Remove Whelen power supply from right wheel well.
2. Remove original Whelen Wing tip strobes and position lights from left and right wing tips.
3. Install new AeroLED nav/strobe/position lights PN# 11-1280-C-24 on left and right wingtips,,
4. Wire to operate position and strobe lights using the same switches and circuits as before.
5. Replace steering actuator with serviceable unit supplied by owner. Bleed and ground taxi operation normal, no leaks.

Work performed by Scott Helms, Stephanie Foster, and Randy Baumann.
J R Baumann A[redacted]

01-28-2019
IFR Certification completed by Davis Field Aviation LLC

Feb 20, 2019
Revealed copilot brake master cylinders.
[redacted]

ALTIMETER READING	ACTUAL TEST RESULT	ALTIMETER READING	ACTUAL TEST RESULT
-1,000	-980	10,000	10050
0	20	12,000	12040
500	520	14,000	14020
1,000	1020	16,000	15980
1,500	1520	18,000	17960
2,000	2010	20,000	19945
3,000	3010	22,000	
4,000	4010	25,000	
6,000	6015	30,000	
8,000	8020	35,000	

M/N OR P/N: 5934P
SERIAL NO.: A7456
DATE: 01/28/2019
DAVIS FIELD AVIATION -- FAA CRS# D3FR571X

TAIL NUM:	N9784Q
MAKE:	Smith
MODEL:	AEROSTAR 600
S/N:	60-0416-143

DAVIS FIELD AVIATION,
1200 Sabre St
Muskogee, OK 74403
(918) 682-4101

WORK ORDER:	AV3336
DATE:	1/28/2019

I certify that the altimeter P/N: 5934P, S/N: A7456 and static system tests required by 14 CFR § 91.411 and AT50A S/N: 27220 transponder tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F. Altimeter certified to 20,000 feet. The maintenance involved on this aircraft identified above was done in accordance with current regulations of the FAA and is approved for return to service this date. Pertinent details of the maintenance are on file at this repair station under the work order listed above.

Signed [redacted] Nathan L. Stephens FAA CR[redacted]

N9784Q AIRFRAME LOG SMITH AEROSTAR (AEST) SN 60-0416-143

03-08-2019 Hr Meter 3127.2 TTAF 11,193.2

1. Aircraft batteries charged overnight.
2. Nose landing gear strut fork assembly removed from strut housing, cleaned, resealed by replacing 4 packings, MS28775-117,127,143 & 329. Re-assembled strut and serviced w/ 5606 and nitrogen as per Piper Aerostar service manual.
3. Lowered right main strut by releasing pressure to obtain proper strut extension.
4. Nose and main strut extension stable after 24 hrs, no leaks.
5. Pre flight, run-up and operational check completed, all operations normal.

Work performed by Stephanie Schledorn and Randy Baumann.
J R Baumann [redacted]

April 21, 2019 Hobbs: 3127.5

C/W 03-14-03 for leakage of Romec engine driven fuel pumps each 50hrs. and torque check at 50hr/6 month intervals until pump has reached 100hr TIS with no loss of torque.

Performed 2nd torque verification of LH pump since overhaul April 2018. No loss of torque noted, next inspection due October 30, 2019 or hobbs 3177.5

DGolike A&P [redacted]

4/22/2019
Replaced ELT battery, new battery due date Oct. 2020
[redacted]

4/26/2019
Replaced LH landing gear hose (extension cylinder) PTN 111570-4 $0540
cycled landing gear - no leaks. from Proffesional Hose of Tulsa
[redacted]

N9784Q Date: May 17, 2019 Hobbs: 3127.5 TT: 11,193.5

I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Lubricated all controls and hinge points. Cycled hydraulic landing gear and flaps and checked emergency gear extension. Found to operate normally and serviced hydraulic accumulator with nitrogen to 500psi. Inspected and tested Narco ELT 10 in accordance with FAR 91.207 (d) battery due October 2020.

Complied with following Repetetive AD's:

C/W 76-07-12R1 100hr. inspection for grounding of mag switch next due at hobbs 3227.5

C/W 79-01-05 annual inspection of integrity of fuel fillers and placards

C/W 95-23-11 100hr/annual inspection of stabilizer attachment fittings per SB600-130 next due hobbs 3227.5

C/W 15-19-07 100hr. inspection of condition and security of engine fuel inj. lines next due at hobbs 3227.5

(Not done at this time) 03-14-03 by visual check of Romec engine driven fuel pumps for leaks. Next due October 30, 2019 or Hobbs 3177.5

(Not done at this time) 93-13-08 100hr main gear torque links dye penetrant inspection next due hobbs 3217.1

(Not done at this time) 98-24-29 100hr. inspection of upper wing spar cap next due hobbs 3217.1

DGolike [redacted]

October 15, 2019 Hobbs: 3127.5

C/W 03-14-03 for leakage of Romec engine driven fuel pumps each 50hrs. and torque check at 50hr/6 month intervals until pump has reached 100hr TIS with no loss of torque.

Performed 3rd torque verification of LH pump since overhaul April 2018. No loss of torque noted, therefore inspection requirements revert to visual inspections at 50 hr intervals. Next inspection due hobbs 3177.5

DGolike A&P [redacted]

Hobbs 3131.5 MAY 5, 2020
cleaned flush fuel vents & replaced hoses from vent to fuselage fuel bay.
(following ferry flight from MKO to LWA) [redacted]

Hobbs: 3131.3 after positioning flight of 3.5 hrs (MKO to LWA 5-1-2020)

N9784Q Date: June 26, 2020 Hobbs: 3131.3 TT: 11,197.3

Performed 100hr/annual inspection following Piper Maintenance Manual checklist. I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Annual replacement of foam airfilters per Brackett ICA. Inspected nose gear trunion support structure per Piper SB600-137, dated 15 March 2017, no defects noted, repeat 100hr/annual. Inspected wing attach fittings per Piper SB600-136, dated 15 Sept 2000, no defects noted, repeat annually. Corrosion X fog treatment of airframe with wand. Inspected and tested Narco ELT 10 in accordance with FAR 91.207 (d) replaced battery, due December 2021.

Complied with following Repetetive AD's:

C/W 76-07-12R1 100hr. inspection for grounding of mag switch next due at hobbs 3231.3

C/W 79-01-05 annual inspection of integrity of fuel fillers and placards. Replaced fuel filler placards with new. Cap "O" rings still in good condition and cap tension good. Leak test per para 2.

C/W 95-23-11 100hr/annual inspection of stabilizer attachment fittings per SB600-130 next due hobbs 3231.3

C/W 15-19-07 100hr. inspection of condition and security of engine fuel injection lines next due at hobbs 3231.3

C/W 03-14-03 visual check of Romec engine driven fuel pumps for leaks. Next due in 50 hrs at Hobbs: 3181.3

(Not done at this time) 93-13-08 100hr main gear torque links dye penetrant inspection next due hobbs 3217.1

(Not done at this time) 98-24-29 100hr. inspection of upper wing spar cap next due hobbs 3217.1

DGolike [redacted]

Sept. 20, 2020
Hobbs: 3131.5

Replaced LH Flap hoses from actuator to wing nuts including two short hoses at check valves. Fabricated new hoses from Aeroquip 303-4 hose & original fittings. Tested hydraulic system, no leaks. Flap ops normal.

[redacted]

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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
				TOTALS brought forward from previous page
Nov. 18, 2020		Serviced brake master cylinders reservoir to mid range on dipstick.		[redacted]

N9784Q Date: June 10, 2021 Hobbs: 3131.3 TT: 11,197.3

Performed 100hr/annual inspection following Piper Maintenance Manual checklist. I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Replaced BA 4 Brackett foam airfilters with new. Replaced main and nose landing gear tires and tubes with new, cycled landing gear, operation normal. Repaired inop nose gear down light. Freed stuck float valve at RH wing tip causing fuel venting problems and uneven fuel flow from RH tank. Verified all 10 fuel venting system lines to be free of obstructions. Replaced two short connecting hoses for LH wing fuel vent lines at wing root. Opened MS fitting caps for pitot/static drains in RH gear well, no water found. Disconnected 2 fuel lines from leaking heater fuel shut off valve, capped lines and secured. (heater previously disabled due to AD) measured brake lining wear - at .18"/ min is .10"

Inspected nose gear trunion support structure per Piper SB600-137, no defects noted, repeat 100hr/annual. Inspected wing attach fittings per Piper SB600-136, no defects noted, repeat annually. McCauley prop governor AD 2020-19-06 does not apply. Inspected and tested Narco ELT 10 in accordance with FAR 91.207 (d) battery due December 2021.

Complied with following Repetetive AD's:

C/W 76-07-12R1 100hr. inspection for grounding of mag switch next due at hobbs 3231.3

C/W 79-01-05 annual inspection of integrity of fuel fillers and placards. Replaced fuel filler placards with new. Replaced fuel cap "O" rings with new and checked cap lock tab tension, leak test per para 2.

C/W 95-23-11 100hr/annual inspection of stabilizer attachment fittings per SB600-130 next due hobbs 3231.3

C/W 15-19-07 100hr. inspection of condition and security of engine fuel injection lines next due at hobbs 3231.3

C/W 03-14-03 visual check of Romec engine driven fuel pumps for leaks. Next due in 50 hrs at Hobbs: 3181.3

(Not done at this time) 93-13-08 100hr main gear torque links dye penetrant inspection next due hobbs 3217.1

(Not done at this time) 98-24-29 100hr. inspection of upper wing spar cap next due hobbs 3217.1

DGolike [redacted]

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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
				TOTALS brought forward from previous page
Oct 10, 2021				Removed Leaking LH Flap Actuator, installed new "O" rings
Hobbs	3131.3			re-installed, run up Rt engine tested flap operation.
				No apparent leaks. [redacted]
Dec 19, 2021				Replaced Narco ELT 10 battery pack inspected &
Hobbs	3131.3			tested per FAR 91.207 (d) Batt. due Feb 2024 [redacted]

N9784Q Date: June 10, 2022 Hobbs: 3131.3 TT: 11,197.3

Performed 100hr/annual inspection following Piper Maintenance Manual checklist. I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. RH tach generator sent out for overhaul Dec 2021, see RH engine log. Trouble shoot fuel quantity capacitance system, opened all cannon plugs to dry out for suspected moisture and treated for possible corrosion.

Inspected nose gear trunion support structure per Piper SB600-137, no defects noted, repeat 100hr/annual. Inspected wing attach fittings per Piper SB600-136, no defects noted, repeat annually. Inspected and tested Narco ELT 10 in accordance with FAR 91.207 (d) battery due February 2024.

c/w 76-07-12R1 100hr. inspection for grounding of mag switch next due at hobbs 3231.3

c/w 79-01-05 annual inspection of integrity of fuel fillers and placards. Cleaned fuel caps , lubed locking tabs and adjusted locking tension. Replaced outer "O" rings with new MS29513-338. Inner "O" rings MS29513-010 still ok, cleaned and lubed and reassembled cap, leak test per para 2.

c/w 95-23-11 100hr/annual inspection of stabilizer attachment fittings per SB600-130 next due hobbs 3231.3

c/w 15-19-07 100hr. inspection of condition and security of engine fuel injection lines next due at hobbs 3231.3

c/w 03-14-03 visual check of Romec engine driven fuel pumps for leaks. Next due in 50 hrs at Hobbs: 3181.3

c/w 93-13-08 100hr main gear torque links dye penetrant inspection next due hobbs 3231.3 (can be terminated by installation of updated torque links)

c/w 98-24-29 100hr. inspection of upper wing spar cap next due hobbs 3231.3 (instructions in Piper SB 600-132) [redacted]

DGolik[redacted]

LT

THE adlog™ AIRCRAFT MAINTENANCE RECORDKEEPING SYSTEM

ENGINE
ENANCE
ECORDS

Aerostar Fuel pump AD

Was 98-18-12 ref. SB529 Lyc.
(gives torque values)

Superseded by
2003-14-03 SB539A relief from AD inspection but "N" mod no good per Aircraft Accessories (too soft) wear out prematurely

~~or~~

Conclusion
need 03-14-03 done 3 times to verify torque, then visual inspection.

★ Also needs to be done at 6 month or 50 hr.

- these pumps were used on engines shipped from Lycoming prior to Dec '99
- not sure what pump the newer engines are using.

★ - verify ~~that the~~ fittings on the pump are reduced orifice size. (varies w/ engine model)

June 10 2019 Asked Randy to adj. LH fuel pump pressure down & ck torque of 8 housing screws. - 6 mo. or 50 hrs. 3x verify then visual inspection

Tulsa shop said modified pump shaft no good - not hard enough wears out right away.

IO-540-G/S TBO 1500
cylinders removed check
at angle valves

ENGINE
ANCE RECORDS

Log No. 1

Aircraft Registration No. ~~N75095~~ N97840

Engine Manufacturer Avco Lycoming Div.

Model IO-540-G1B5

Serial No. L-6860-48

Date installed on aircraft ~~7/7/93~~ 8/4/93

Time Between Overhauls (TBO) ~~1400~~ 1500 Hours

If used on multi-engine aircraft:

☐ Right ☒ Left
☐ Front ☐ Rear

[redacted]

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Page No

DATE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

Job [redacted] LH engine - Date: June 10, 2022 Hobbs: 3131.3 SMOH: 1533.7 TT: 2485.1

I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Compression check: 1-70, 2-72, 3-70, 4-72, 5-74, 6-73. No oil change at this time due to 5 hrs on last oil change (20W50 X/C with camguard).

[redacted]

LH eng. cyl. times

#1 - Aug 07 Hobbs 3115

#2 - original 1989 1530 T.T

#3 - Aug '07 Hobbs 3115

#4 - Aug '07 " "

#5 - Oct '04 " 3040

#6 - original 1989 1530 T.T.

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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
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N9784Q LH engine May 17, 2019 Hobbs: 3127.5 SMOH: 1529.9 TT: 2481.3

I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Compression check: 1-76, 2-73, 3-75, 4-75, 5-77, 6-55. No oil change at this time due to recent change, run up and checked for leaks, none noted.

[redacted]

N9784Q LH engine Date: June 26, 2020 Hobbs: 3131.3 SMOH: 1533.7 TT: 2485.1

I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Inspected fuel injection servo inlet screen. Compression check: 1-75, 2-72, 3-74, 4-76, 5-76, 6-58. Removed oil filter and cut for inspection, no indication of abnormal wear. Installed new Tempest AA48110-2 oil filter, run up and checked for leaks, none noted. No oil change at this time due to 5 hrs on last oil change (20W50 X/C with camguard).

[redacted]

N9784Q LH engine Date: June 10, 2021 Hobbs: 3131.3 SMOH: 1533.7 TT: 2485.1

I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Fuel pump pressure too high, adjusted pump 1/2 turn CC with resulting pressure of 25 psi at 2000 rpm. Replaced BA 4 Brackett foam airfilters with new. Compression check: 1-72, 2-74, 3-72, 4-73, 5-75, 6-60. No oil change at this time due to 5 hrs on last oil change (20W50 X/C with camguard).

[redacted]

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JUSTBASICS

N9784Q LEFT ENGINE LOG LYCOMING IO-540-G1B5 L-6860-48

11-28-2007 Hr. Meter 3116.1
1. Run up engine, tested compressions: #1:75 #2:75 #3:75 #4:73 #5:73 #6:76/80
All work performed in accordance with Piper PA-600 service manual and FAA accepted practices. Work performed by Larry Miner, Jason Baumann and Randy Baumann.
[redacted]

06-02-2009 HR Meter 3117.1 TTIS 1519.5 TTAC 11,183.1
1. Inspect and service engine in accordance with Aerostar annual inspection checklist.
2. Compressions 74, 74, 74, 68, 69, 67/80
3. Run-up check and adjust engine idle and mixture, and fuel pressure.
All work performed by Ryan Hart, Matthew Simmons, Mike England, Ron Neal, and Jason Baumann.
This engine was inspected in accordance with and Annual Inspection and was determined to be in airworthy condition. [redacted]

N9784Q LEFT ENGINE LOG LYCOMING IO-540-G1B5 L-6860-48

04-16-2018 Hr Meter 3126.7 TSOH 1529.1
1. Remove Fuel Pump.
2. Install Romec Fuel Pump P/N: RG17980J S/N: B-2093 after overhaul by Aircraft Accessories of Oklahoma Inc.
3. Run-up complete, operation normal, no leaks.
Work performed by Benjamin Serafin and Randy Baumann.
J R Bauman[redacted]

N9784Q LH engine: Date: April 17, 2018 Hobbs: 3126.4 SMOH: 1528.8 TT: unknown

I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Replaced BA4 airfilter element and RAD9-14-5 vac filter element. Cleaned and gapped plugs, reinstalled with annealed gaskets. Compression check: 1-65, 2-64, 3-62, 4-65, 5-62, 6-65. Drained oil, cut and inspected oil filter, no indication of abnormal wear. Serviced with new 48110-2 filter and 12 qts. of 20W50 oil plus camguard, run up and checked for leaks, none noted. DGolike [redacted]

RT

THE adlog™ AIRCRAFT MAINTENANCE RECORDKEEPING SYSTEM

Right 095 7/7/93

ENGINE MAINTENANCE RECORDS

THE adlog T.M. AIRCRAFT MAINTENANCE RECORDKEEPING SYSTEM

ENGINE MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. N7509S

Engine Manufacturer Avco Lycoming Div.

Model IO-540-G1B5

Serial No. L-7312-48

Date installed on aircraft 8/4/93 ~~TSOA 35.7~~ 750 372.3

Time Between Overhauls (TBO) ~~1400~~ 1800 Hours

If used on multi-engine aircraft:

☒ Right ☐ Left
☐ Front ☐ Rear

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N9784Q RH engine Date: May 16, 2018 Hobbs: 3126.7 SMOH: 1529.1

Replaced starter with new Hartzell p/n 149-24 PM, s/n H-R092109. DGolike [redacted]

N9784Q RH engine Date: April 17, 2018 Hobbs: 3126.4 SMOH: 1528.8

I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Replaced BA4 foam air filter element and RAD9-14-5 vacuum filter element. Cleaned and gapped plugs and installed with annealed gaskets. Compression check: 1-60, 2-62, 3-50 (rings), 4-60, 5-62, 6-65. Removed oil filter and cut for inspection, no indication of abnormal wear. Serviced with new Tempest AA48110-2 oil filter and 12 qts. of 20W50 plus camguard,run up and checked for leaks, none noted.

DGolike [redacted]

N9784Q RH engine Date: May 17, 2019 Hobbs: 3127.5 SMOH: 1529.9 TT: 2671.6

I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Compression check: 1-55, 2-55, 3-68, 4-71, 5-70, 6-78. Boroscope inspection of #1 and #2 cylinders showed no abnormalities, retest in 5 hrs. No oil change at this time due to recent oil change.

DGolike [redacted]

N9784Q RH engine Date: June 26, 2020 Hobbs: 3131.3 SMOH: 1533.7 TT: 2675.4

I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Inspected fuel injection servo inlet screen. Removed and cleaned injector nozzles and adjust idle mixture due to engine idling too rich. Compression check: 1-60 (rings), 2-60 (rings), 3-69, 4-70, 5-70, 6-78. Removed oil filter and cut for inspection, no indication of abnormal wear. Installed new Tempest AA48110-2 oil filter, run up and checked for leaks, none noted. No oil change at this time due to 5 hrs on last oil change (20W50 X/C with camguard).

DGolike [redacted]

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
				TOTALS brought forward from previous page

N9784Q RH engine Date: June 10, 2021 Hobbs: 3131.3 SMOH: 1533.7 TT: 2675.4

I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Idle mixture too rich, adjusted mixture and idle speed per Lycoming instructions. Replaced BA 4 Brackett foam airfilters with new. Compression check: 1-60 (rings), 2-60 (rings), 3-70, 4-72, 5-70, 6-76. No oil change at this time due to 5 hrs on last oil change (20W50 X/C with camguard).

DGolike [redacted]

Oct 26, 2021 Hobbs: 3131.3				replaced overboard drain hoses for engine driven fuel pump & hydraulic pump. Tighten all valve cover screws RH engine due to some seepage. [redacted]
Dec 19, 2021 Hobbs 3131.3				Removed RH tach generator, sent out for overhaul at Aircraft Accessories of Oklahoma. Re-installed & performed operational ck. [redacted]

N9784Q RH engine Date: June 10, 2022 Hobbs: 3131.3 SMOH: 1533.7 TT: 2675.4

I certify this engine has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. Compression check: 1-58 (rings), 2-60 (rings), 3-68, 4-70, 5-68, 6-75. Boroscope inspection revealed no abnormalities in cyl #1 and #2. No oil change at this time due to 5 hrs on last oil change (20W50 X/C with camguard).

DGolike [redacted]

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	TOTAL	TACH OR RECORDING	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			...ht forward from previous page

RH eng. cyl. times

#1 original 1530 T.T.

#2 Feb '03 Hobbs 2810

#3 original 1530 T.T.

#4 " " "

#5 " " "

#6 " " "

Randy got A/C in 1998

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THE adlog™ AIRCRAFT MAINTENANCE RECORDKEEPING SYSTEM

LEFT

INSTALLED 2/2/93 ~~@ 3914.4 Hobbs~~ - A/c ~~36427~~
" 7/7/93 @ 1230.9 " " N7509S
8.4.93 Installed L/position N9784Q

Left

PRIEBE PROPELLER

3861 Co. Rd. 140

[redacted]

Propeller Log Book

AVIONICS

adlog

LEFT

INSTALLED 2/2/93 ~~@ 3914.4 Hobbs~~ - A/C ~~36~~ N750S
" 7/7/93 @ 1230.9 " " N750S
8.4.93 Installed L/Position N9784Q

Owner Name Top Flight Air Service
Address 875 North Hamilton Road
Columbus, Ohio
Propeller Make Hartzell
Propeller Model HC-C3YR-2UF
Blade Model FC8468B-8R
Hub Serial No. CK2954
Blade Serial No. 1 E40456
2 E41057
3 E41090
4 —

PITCH RANGE

High 21.3° Low 14.0°
Feather 82.2° Reverse —
Maximum Hours or Service Life between overhaul required by Mfg. 2000 Hrs. or 5 years interval between overhauls.

adlog RECORD SYSTEM

LEFT

INSTALLED 2/2/93 ~~@ 3914.4 Hobbs - A/C 36427~~
" 7/7/93 @ 1230.9 " " N7509S
8.4.93 Installed 2/position N9784Q

Owner Name Top Flight Air Service

Address 875 North Hamilton Road

Columbus, Ohio

Propeller Make Hartzell

Propeller Model HC-C3YR-2UF

Blade Model FC8468B-8R

Hub Serial No. CK2954

Blade Serial No. 1 E40456

2 E41057

3 E41090

4 —

PITCH RANGE

High 21.3° Low 14.0°

Feather 82.2° Reverse —

Maximum Hours or Service Life between overhaul required by Mfg. 2000 Hrs. or 5 years interval between overhauls.

MAINTENANCE & SERVICE HISTORY

Date 01-11-93 Propeller Total Time _____

Tach/Hobbs Time _____ Propeller Time Since Overhaul 0.0

COMPLETELY OVERHAUL PROPELLER ASSEMBLY AND INSTALL DE-ICER BOOTS
~~IN ACCORDANCE WITH SERVICE MANUAL #117D.~~
COMPLIED WITH SERVICE LETTERS 61R,69,82A,148A,155A, SERVICE
BULLETINS 114D,118D,136G,142B,150,155,159A,165, A.D. NOTES 77-12-06,
~~A.D. NOTES 77-12-06,89-22-05.~~

Work Performed By Priebe Propeller Shop, Inc. Repair
Station #IC5R930M. Work Order/Invoice # 10718 Signatu [redacted]

Date	Description of Work	Time Since Overhaul	Signatures and Station Numbers
2/2/93	5705.4 TOT A/C 3914.4 Hobbs - A/C 3647 (LT Position) INSTALLED IAW MFRS Recommendations/Manuals on LT Pos. All cks SATISfactory for return to service Bruce W. Sherrets [redacted] See Addlog for further entries		

THE adlog™ AIRCRAFT MAINTENANCE RECORDKEEPING SYSTEM

LEFT

INSTALLED 2/2/93 ~~@ 3914.4 Hobbs~~ - A/c ~~36427~~
" 7/7/93 @ 1230.9 " " N7509S
8.4.93 Installed 2/position N9784Q

PROPELLER MAINTENANCE RECORDS

AVIONICS

THE adlog AIRCRAFT MAINTENANCE RECORDKEEPING SYSTEM

PROPELLER MAINTENANCE RECORDS

Log No. 9784Q

Aircraft Registration No. ~~3L427~~

Propeller Manufacturer HARTZELL

Hub Model HC-C3YR-2UF

Blade Design No. FC8468B-8R

Hub Serial No. CK2954

Blade Serial No's.

1. E40456
2. E41057
3. E41090
4.

Pitch Range:

High 21.3 Low 14.0

Feather 82.2 Reverse —

Governor Manufacturer

Model No.

Serial No.

Date installed on aircraft 2/2/93

Time Between Overhauls (TBO) 2000 Hours

If used on multi-engine aircraft:

☐ Right ☑ Left

☐ Front ☐ Rear

(All applicable information must be filled in)

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(908) 462-5330

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AVIONICS

Page No. _____

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
2004		SPOH	Hobbs	**TOTALS** brought forward from previous page
03-11-2004		1374.3	2933.2	Serviced prop w/ dry nitrogen to 41 PSI. BRYAN ABBOTT
				[redacted]

N9784Q LH prop: s/n CK 2954 Date: April 17, 2018 Hobbs: 3126.4 SMOH: 1567.5 TT: unknown

I certify this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DGolike [redacted]

N9784Q Date: May 17, 2019 Hobbs: 3127.5 SMOH: 1568.6 TT: 2481.3

I certify this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DGolike [redacted]

N9784Q LH prop Date: June 26, 2020 Hobbs: 3131.3 SMOH: 1572.4 TT: 2485.1

I certify this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DGolike [redacted]

SUB-TOTALS this page

TOTALS—Carry forward to next page

Page No. ____

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
				TOTALS brought forward from previous page
				N9784Q LH prop Date: June 10, 2021 Hobbs: 3131.3 SMOH: 1572.4 TT: 2485.1 I certify this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. DGolike [redacted]
				N9784Q LH prop Date: June 10, 2022 Hobbs: 3131.3 SMOH: 1572.4 TT: 2485.1 I certify this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. DGolike [redacted]
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

THE adlog™ AIRCRAFT MAINTENANCE RECORDKEEPING SYSTEM

☐ RIGHT

90394 OPS

Right Position OPS 7/7/93
8-4-93 Installed R/position N9784Q

PROPELLER MAINTENANCE RECORDS

AVIONICS

THE adlog AIRCRAFT MAINTENANCE RECORDKEEPING SYSTEM

PROPELLER MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. ~~N90394~~ ~~N7509S~~ N9784Q

Propeller Manufacturer Hartzell

Hub Model HC-C3YR-2UF

Blade Design No. FC8468B-8R

Hub Serial No. CK 3153

Blade Serial No's.

1. H22533
2. H22529
3. H22531
4. —

Pitch Range:

~~Latch~~ ~~High~~ 19.7° Low 14.0°

Feather 82.3° Reverse —

Governor Manufacturer Hartzell

Model No. F-C-352

Serial No. C1070T

Date installed on aircraft _____

Time Between Overhauls (TBO) 2600 Hours

If used on multi-engine aircraft:

☒ Right ~~☒ Left~~

☐ Front ☐ Rear

(All applicable information must be filled in)

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AVIONICS

Page No. ______

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
				TOTALS brought forward from previous page
[illegible]-2004		SPOH		
3-11-2004		1242.5	2933.2	1. Install new low pitch stop P/N A-2404-1 and
				adjusted per maintenance manual.
				2. Serviced prop with dry nitrogen to 41 PSI. BRYAN ABBOTT
				[redacted]

N9784Q RH prop: s/n CK 3153 Date: April 17, 2018 Hobbs: 3126.4 SMOH: 1435.7 TT: unknown

I certify this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DGolike [redacted]

N9784Q Date: May 17, 2019 Hobbs: 3127.5 SMOH: 1436.8 TT: 2671.6

I certify this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DGolike [redacted]

N9784Q RH prop Date: June 26, 2020 Hobbs: 3131.3 SMOH: 1440.6 TT: 2675.4

I certify this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DGolike [redacted]

SUB-TOTALS this page

TOTALS—Carry forward to next page

Page No. _____

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
				TOTALS brought forward from previous page

N9784Q RH prop Date: June 10, 2021 Hobbs: 3131.3 SMOH: 1440.6 TT: 2675.4

I certify this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. [redacted]

N9784Q RH prop Date: June 10, 2022 Hobbs: 3131.3 SMOH: 1440.6 TT: 2675.4

I certify this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

DGolike [redacted]

SUB-TOTALS this page

TOTALS—Carry forward to next page

AVIONICS

THE adlog™ AIRCRAFT MAINTENANCE RECORDKEEPING SYSTEM

AVIONICS MAINTENANCE RECORDS

JUN 2016

Company
Manufacturer PIPER AIRCRAFT CORP.
Model PA-60-600 (AEROSTAR 600)
Tail # 9784Q
Serial # 60-0416-143 **Tach Time**
A/C Cert. Date **Total Time**

AD Number	Description	
78-18-05	LH AND RH FUEL QUANTITY INDICATORS/	c/w per SB 600-84
*79-01-05	FUEL STARVATION/	SB 600-84
*79-08-05	ENGINE NACELLES/	c/w SB 600-80 (not recurring)
79-18-10	CABIN DOOR LATCHING MECHANISM/	c/w SB 600-60
80-12-14	ENGINE FIRE/	c/w - has all metal fairing
~~80-19-14~~	~~HORIZONTAL/VERTICAL STABILIZER/~~	pcw SB 600-88A
83-14-07 R3	REV. TO LIMITATIONS SECTION OF AFM/	N/A - has STC 2143NM
87-07-09	EXHAUST SYSTEM COMPONENTS/	c/w by visual insp.
87-21-01	FUEL FILLER RESTRICTORS/	pcw
89-03-04	CABIN DOOR/	pcw MAY 1989 5669. T.T
*93-13-08	MAIN GEAR TORQUE LINKS/	due 3217.1
94-15-13	NLG DRAG LINK ASSEMBLY/	N/A - has OZONE gear
*95-23-11	CRACKED ATTACH FITTINGS/	due 3217.1
98-04-23	AFM CHANGES - ICING/	c/w MAR 1998 2175.7
*98-24-29	UPPER WING SPAR CAP/	due 3217.1
01-08-10	MAIN LANDING GEAR LOWER SIDE BRACE/	c/w by Kit 91.500109D013
*03-22-01	AUXILIARY FUEL TRANSFER PUMPS/	visual insp. for leaks. due 3167.1

15-19-07 condition & security of external fuel wiring lines 100HR.
2017-04-06 United Altimeters new mfr. between JAN 15 & Feb 16 DNA
2009-02-03 replaced injector servo gaskets, scribed servo plugs w "G"
~~2017-06-03~~ disabled heater & placarded as inop
c/w 2004-21-05 for JANitrol heaters B3500
2017-06-03 does not apply — for Stewart Warner/Southwind heaters

[redacted]
2803353-A-0

RH engine

Company
Manufacturer Lycoming Engines
Model IO-540-~~K1J5~~ G1B5
Location ~~Left~~
Serial # L- 7312 -48

TSMOH
Total Time

AD Number	Description
78-23-08	FUEL INJECTOR TUBE ELBOW/
78-23-10	FUEL INJECTOR CENTER BODY BELLOWS SEAL/
79-04-05	[R1] FUEL INJECTOR REGULATOR DIAPHRAGM/
81-03-05	MIXTURE CONTROL SHAFT ASSEMBLY/
83-22-04	FUEL INJECTOR DIAPHRAGM STEM/
92-12-05	PISTON PIN RECALL/
95-07-01	CONNECTING ROD BOLTS/
96-09-10	ENGINE OIL PUMP IMPELLER/
96-23-03	HIGH PRESSURE DIAPHRAGM FUEL PUMP/
97-15-11	PISTON PIN RECALL/
98-17-11	CRANKSHAFT CRACKS/
*03-14-03	ROTARY FUEL PUMP RELIEF VALVE SCREWS/
04-05-24	CRANKSHAFT GEAR RETAINING BOLT/
*04-10-14 C1	CRANKSHAFT GEAR AND GEAR RETAINING BOLT/
05-19-11	300 HORSEPOWER OR LOWER CRANKSHAFTS/
06-10-21	ENGINE COMPONENTS, INC. CONNECTING RODS/
06-12-07	ENGINE COMPONENTS, INC. P/N AEL65102 "CLASSIC CAST" CYLINDERS/
07-04-19 R1	SUPERIOR AIR PARTS, INC. CAST CYLINDER ASSEMBLIES/
*09-26-12	ENGINE COMPONENTS, INC. P/N AEL65102 "TITAN" CYLINDERS/ N/A
*11-26-04	EXTERNAL FUEL INJECTOR LINES/ superceded → 15-19-07
12-03-06	AFS FUEL SERVO DIAPHRAGM/ N/A parts after May 20, 2010
12-19-01	CRANKSHAFT RETIREMENT/ N/A March 1997 date cranks
*15-02-07	PROPELLER GOVERNOR IDLER SHAFT SET SCREW/
*15-19-07	EXTERNAL FUEL INJECTOR LINES/

2017-16-11 D/N/A lycoming connecting rod small end bushing per date of parts listed in MSB 632B - table 2

L.H engine

Company
Manufacturer Lycoming Engines
Model IO-540-~~K1J5~~ G1B5
Location ~~Left~~ L
Serial # L-6860-48

TSMOH
Total Time

AD Number	Description
78-23-08	FUEL INJECTOR TUBE ELBOW/
78-23-10	FUEL INJECTOR CENTER BODY BELLOWS SEAL/
79-04-05	[R1] FUEL INJECTOR REGULATOR DIAPHRAGM/
81-03-05	MIXTURE CONTROL SHAFT ASSEMBLY/
83-22-04	FUEL INJECTOR DIAPHRAGM STEM/
92-12-05	PISTON PIN RECALL/
95-07-01	CONNECTING ROD BOLTS/
96-09-10	ENGINE OIL PUMP IMPELLER/
96-23-03	HIGH PRESSURE DIAPHRAGM FUEL PUMP/
97-15-11	PISTON PIN RECALL/
98-17-11	CRANKSHAFT CRACKS/
*03-14-03	ROTARY FUEL PUMP RELIEF VALVE SCREWS/
04-05-24	CRANKSHAFT GEAR RETAINING BOLT/
*04-10-14 C1	CRANKSHAFT GEAR AND GEAR RETAINING BOLT/
05-19-11	300 HORSEPOWER OR LOWER CRANKSHAFTS/
06-10-21	ENGINE COMPONENTS, INC. CONNECTING RODS/
06-12-07	ENGINE COMPONENTS, INC. P/N AEL65102 "CLASSIC CAST" CYLINDERS/
07-04-19 R1	SUPERIOR AIR PARTS, INC. CAST CYLINDER ASSEMBLIES/
*09-26-12	ENGINE COMPONENTS, INC. P/N AEL65102 "TITAN" CYLINDERS/
*11-26-04	EXTERNAL FUEL INJECTOR LINES/
12-03-06	AFS FUEL SERVO DIAPHRAGM/
12-19-01	CRANKSHAFT RETIREMENT/
*15-02-07	PROPELLER GOVERNOR IDLER SHAFT SET SCREW/
*15-19-07	EXTERNAL FUEL INJECTOR LINES/
2017-16-11	DNA - per date of parts list in MSB632B - table 2 of connecting rod small end bushings