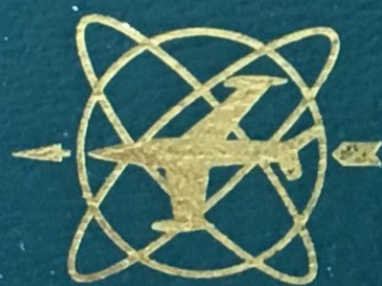


N3618M

LOG #3



The Standard

AIRCRAFT LOG

ASA-SA-1

Aircraft Record General Information

Manufacturer Piper Model PA28-181

Serial 28-789Q319 Registration Number N3618M

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer Lycoming Model O-360-A4M Serial L-31560-36A

Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer Sensenich Model 76EM85-0-62

HUB Model _____ Serial 26679K Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

	SUBURBAN AIR CORPORATION	21599 Skywest Drive	
		Hayward, California 94541 (510) 780-0428	

JOB 3397 AIRCRAFT: N3618M TACH 3062.5 HOBBS: 4393.9	DATE 12/10/2015
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Owner reports rough running engine. Requests magneto replacment. Removed Left Slick Magneto 4371 S/N 91120279 and installed Slick 4371 S/N 07121508. Unknown TT. 500 hr completed by Aircraft Electrical Components Inc. See invoice #31102. Removed Right Slick Magneto 4370 S/N:99021237 and installed Slick 4370 S/N. 07122210. Unknown TT. 500 hr completed by Aircraft Electrical Components Inc. See invoice #31120. Installed magnetos with new gaskets P/N: LW-12681 and set magneto timing to 25 degrees advanced as per type certificate. Performed operational check and test flight. Rough running condition persisted. Found Cylinder #4 oil fouled. Determined signifigant oil leaking in cylinder. Removed cylinder for overhaul. Cylinder found to be worn beyond limits. Installed overhauled cylinder P/N: LW-12427. Overhauled by Tim's Aircraft Engines of Long Beach, CA Work Order #9529. Installed cylinder with all new gaskets. Torqued base nuts and associated hardware as per all applicable and current Lycoming overhaul, service, and parts manuals. Re-installed exhaust system with new gaskets P/N: SL-77611. Repaired cracked baffle around cylinder # 2. Repaired chaffed primer line. Cleaned cylinder #4 primer nozzle. Drained oil and serviced with 8 qts of Aeroshell 100W AD Mineral Oil. This engine is now operating on **MINERAL OIL** until changed and entered into this record. A flight test under FAR 91.407(b) must be performed and its results logged in this record prior to carrying of passangers.

I certify that this aircraft has been found to be in airworthy condition and is approved for return to service only for the work performed	
J. Carter AP3419249PP	

Technician or

YEAR 20____ DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

	SUBURBAN AIR CORPORATION	21599 Skywest Drive	
		Hayward, California 94541 (510) 780-0428	

AIRCRAFT: N3818M	DATE 12/17/2015
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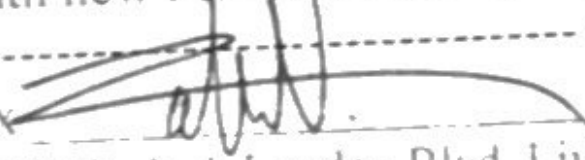
Replaced tail strobe bulb with serviceable used. P/N: A470A. Replaced beacon lens with new. P/N: A402AR. Replaced clamp ring with new. P/N: 5068500. Performed operational test of beacon light.

I certify this aircraft has been found to be in airworthy condition and is approved for return to service only for the work performed.

J. Carter AP3419249	
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Inspections, Tests, Repairs and Alterations

(Name, Rating and Certificate Number of Technician or
for other specific entries.)

N3618M
Date: 1/4/15 Tach: 3067.3
Replaced nose tire inner tube with new Michelin 6.00-6 - ops ok-----
-----end-----
Nikos Zoldan A&P # 3802337 x 
ATTITUDE AVIATION, Inc., 299 W. Jack London Blvd. Livermore,
CA 94551 Ph. 925-456-2276 Email: AttAv@aol.com

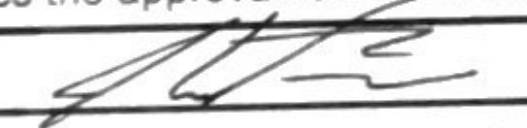
**SUBURBAN AIR**
CORPORATION21599 Skywest Drive
Hayward, California 94541
(510) 780-0428**AIRFRAME
ENTRY**

JOB 3460 AIRCRAFT: N3618M TACH: 3081.5 HOBBS: 4416.7

DATE: 3/3/2016

Inspected fire extinguisher bottle IAW manufacturers instructions. Found satisfactory. Next inspection due: Monthly

This signature constitutes the approval for return to service only for the work performed.

J. Carter AP 3419249 YEAR
20____
DATERECORDING
TACH
TIMETODAY'S
FLIGHTTOTAL
TIME IN
SERVICE**Description of Inspections, Tests, Repairs and Alterations**

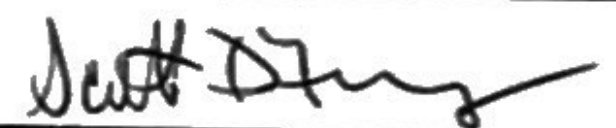
Entries must be endorsed with Name, Rating and Certificate Number of Technician or
Repair Facility. (See back pages for other specific entries.)

**SUBURBAN AIR**
CORPORATION21599 Skywest Drive
Hayward, California 94541
(510) 780-0428JOB: 3698 AIRCRAFT: N3618M TACH: 3142.0 TTAF: 3142.0
MODEL: PA 28-181 S/N: 28-7890319

DATE: 12/1/2016

Removed all airframe access panels and covers. Inspected interior and exterior of airframe, wings and empennage.
Inspected all flight controls, rigging, stops, angles and all attach points for the wings, engine and landing gear.
Lubricated airframe/landing gear. Relaced oil fill door assy on top cowl. Replaced schraeder valve in right tube
Repaired worn anti-skid on right wing. Replaced landing lite. Replaced packing in left brake caliper, service/bleed as
required. Performed an operational check and inspection on this ELT in accordance with FAR 91 207D and it has been
determined to be in an airworthy condition. ELT battery expiration date: 11/2017 CW ignition switch AD 76-07-12 R1
by satisfactory operational check. No other applicable AD's due at this time. All work completed referencing Piper
parts/service manuals. -----END-----

I certify that this airframe has been inspected in accordance with FAR 43 Appendix D (Annual Inspection)
and has been determined to be in an airworthy condition.

Scott D Franges A&P 33932058 IA 

YEAR
20
DATE



SUBURBAN AIR
CORPORATION

21599 Skywest Drive
Hayward, California 94541
(510) 780-0428

**AIRFRAME
ENTRY**

JOB: 3546 AIRCRAFT: N3618M TACH: 3096.6

DATE: 6/9/2016

Wing tip strobe lights reported as inoperative. Tested and troubleshot system. Found Whelen Engineering strobe light power supply P/N: A413, T3-DF-14 defective. Installed serviceable used Whelen Model: HDACF P/N: 01-0770028-05. Installed quick connect plug onto power supply wire to accommodate new style power supply. Weight and balance change is negligible. Installed new Whelen A610 strobe light in right wingtip. Replaced right wing tip screws with new.

The signature constitutes the approval for return to service only for the work performed.

J. Carter AP 3419249

[Signature]

YEAR
20
DATE

Test Altitude	Scale Error	Friction Error	Encoder	Leak Acft/Case
-1000	0		-1.2	840 +15.0
0	0			Hysteresis
500	+1.2			% Altitude Tested
1000	+1.5	7.7	1.0	Altitude Tested
1500	+1.2		1.5	Amount Hysteresis
2000	+1.5	7.7	2.2	50%
3000	0	7.0	3.7	40%
4000	0		4.0	
5000	0		5.0	After Effect 0 Check Pitot Heat
6000	0		6.0	Baro. Scale Error (± 25 ft.)
8000	-1.5		8.0	28.10 -1727
10000	-1.0	2.0	10.0	28.50 -1340
12000	-3.0		12.0	29.00 -863
14000	-7.0		14.0	29.50 -392
15000	-4.0	2.0	15.0	29.92 0
16000	-5.0		16.0	30.50 +531
18000	-6.0		18.0	30.90 +893
20000	-1.0	2.0	20.0	30.99 +974
22000				

Aircraft #

W/O# 13125

Inspected by

[Signature]

Repairs and Alterations

ing and Certificate Number of Technician or specific entries.)

Static Testing Livermore, CA
Certified Repair Station #QJAR856X
(925) 449-5904 FAX (925) 449-6081

eter(s) and static system(s) tests required
and transponder tests, including data
red by § 91.413, have been performed
with 14 CFR Part 43, Appendix E and F.
feet.

Time: 3/63.8

N 3618M

Date 5/5/17

1. Removed Bendix/King KT-76A Transponder.
 2. Installed Garmin GTX-345 Transponder using Garmin GTX-345 installation manual p/n 190-00734-10 Rev 9 dated Nov. 30-2017 with reference to STC STO1714W1 dated March 8-2016. The GTX-345 is circuit protected by existing 3 AMP circuit breaker labeled XPONDER # 1 located in the aircraft radio circuit panel. The existing aircraft antenna was replaced with CI-105 antenna and RG-142 coax cable. The transponder receives altitude information from Garmin GTX-345 is interfaced to the intercom for TIS traffic function for unswitched audio input. The GTX-345 is interfaced to existing Garmin GTN-650 for WAAS GPS information and ADS-B traffic display and weather.
 5. The Aircraft Flight Manual Supplement, Document Number 190-00734-15 Rev 3 dated 21-Dec-2017 will be located in the aircraft flight manual, and is required for this installation.
 6. Transponder was tested by J AND R ELECTRONICS CRS XB3R965L and complies with appendix F of part 43 in accordance with FAR 91.413.
 7. Electrical load can be safely controlled or managed within rated limits of the aircrafts electrical power-supply system per AC 43.13-1B, Paragraph 11-36 (b) and (c).
 8. Electrical components added are circuit protected in accordance with AC 43.13-1B, Paragraphs 11-47, 11-48, 11-49, and 11-50.
 9. Wiring used meets all requirements of AC 43.13-1B, Paragraph 11-77(d), and Paragraph 11-66, subparagraphs (b) and (c) and has been installed in accordance with AC 43.13-B, Paragraph 11-96, subparagraphs a, c, d, f, q, and ee.
 10. Aircraft Weight and Balance re-computed in accordance with AC 43.13-1B Paragraph 10-16.
 11. Aircraft Equipment List updated as per AC 43.13-1B Paragraph 10-19.
 12. Logbook entries complied with.

-----END-----

Technician or

YEAR	DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL SERVICE TIME IN	Desi
20					Entri
					Repe

This last time has been inspected and manufacturers specs and applicable FARs, has b respect to the work performed and is APPROVED SERVICE. SIGNED [Signature] J and R Electronics F.A.A. # D/

TRANSPONDER(S) HAVE BEEN TESTED AND FOUND TO COMPLY WITH PART 43 I.A.W. FAI
 DATE 2/13/2017 W.O.# 18-0

SIGNED [Signature]
 J & R ELECTRONICS, FAA CRS #XB3F
 333 West Jack London Blvd #141
 Livermore, CA 94551

Test	Altitude	Scale	Friction	Encoder	Leak
-1000	410	1.0			
500	410	1.0			
1000	410	1.0			
1500	410	1.5			
2000	420	2.0			
3000	410	3.0			
4000	420	4.0			
5000	420	5.0			
6000	420	6.0			
8000	440	8.0			
Hysteresis					Amount
Altitude					Tested
50%					104
40%					84
After Effect					Check Pilot Heat
Baro. Scale Error (± 25 ft.)					28.10 -1727

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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333 West Jack London Blvd #144 Livermore, Ca 94551 (925) 455-5802

November 1, 2018 Tach: 3256.3 AFTT: 7304.3 N3618M

Inspected this **Airframe** IAW an annual inspection as per FAR 43 App. "D. CW Far 91.207 (D) function check of ELT ok. Replaced Vacuum filters AAD9-14-5 and B3-5-1. Replaced landing light switch p/n 99377-03. Replace Brake pads p/n APS66-10500. Serviced airframe, fuel strainer, and battery. Replaced upper rudder bearing KPS3, and all rudder mounting hardware. R/R left main gear assembly to replace all the attachment hardware: AN4-11A, AN4-6A, AN525-416R20, and reseal entire strut assembly R/R pilots and copilot's rudder pedals to repair center pedal support. Rig rudder and stabilator systems IAW PSM. Replaced RT/LT brake hoses p/n 63901-17. Replaced Rt main tire, tube, and replaced brake pads. CW AD 2018-07-03 Fuel selector placard by inspection, no defects found. **I certify this aircraft has been inspected IAW an annual inspection and was determined to be in an airworthy condition.**

Chris Hamilton 2799543 APIA

YEAR 20 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TO TI S	IN CE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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333 West Jack London Blvd #144 Livermore, Ca 94551 (925) 455-5802

December 18, 2019 Tach: 3312.5 AFTT: 7360.0 N3618M

Inspected this **Airframe** IAW an annual inspection as per FAR 43 App. "D. Replaced ELT battery, Expires February 2022. CW Far 91.207 (D) function check of ELT ok. Serviced airframe, and battery. Replaced cabin heat scat. Remove OEM sun visors and install Rosen Sun Visor Kit P/N RPF-300-2 IAW STC SA00072SE. R/R RT main gear assembly to replace all the attachment hardware AN525-416R20, and reseal entire strut assembly. R/R Lt fuel tank and seal sending unit and replaced gasket p/n 462-021. Replaced nose tire with a 6.00 x 6 Air Hawk and tube. Install battery charging Harness in rear baggage. Replaced Cabin door hinge pins MS20392-3C13. CW AD 2018-07-03 Fuel selector placard by inspection, no defects found. **I certify this aircraft has been inspected IAW an annual inspection and was determined to be in an airworthy condition.**

Chris Hamilton 2799543 APIA

YEAR	RECORDING	TODAY'S	TOTAL	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
20	TACH	FLIGHT	TIME IN	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE	TIME	SERVICE		

DATE 09/13/2019 N3618M
 REMOVED STARTER AND REPLACED WITH A SERVICEABLE UNIT. TESTED STARTER WITH ALL INDICATIONS GOOD.....END.

[Signature]
 BRUCE MCWHORTER A&P 3690658

YEAR	RECORDING	TODAY'S	TOTAL	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS
20	TACH	FLIGHT	TIME IN	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE	TIME	SERVICE		

1/01/2021 Tach 3380.7

Lubed airframe, serviced and tested battery. C/W Bendix AD 76-07-12, check for off. Tested ELT per FAR 91.201, battery due Feb. 2022. C/W S.B. 1245A, stabilator turn buckles, C/W S.B. 1244A Aft wing attach fitting inspection. Added brake fluid. Inspected brake pads, replaced left brake pads. Installed Aero LED pulse landing light per STC 2386AK, completed 337. ~~100 hour~~ inspection of aircraft completed in accordance with Piper Service Manual.

I certify that this engine has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition. Mike Gustafson, I.A. 2806323

[Signature]

2/15/2023 Tach 3444.4
C/W SB1242A, Rudder Pedal, by inspection, NTF. C/W SB1245, Stabilator, By Inspection, NTF.
C/W SB1246, Throttle Quad, N/A

C/W SB1242A, Rudder Pedal, by inspection, NTF. C/W SB1245, Stabilator, By Inspection, NTF.

C/W SAIB CE-11-42 Aileron Cable, by Inspection, NTF. Piper Service Letter, Throttle Quad, N/A.

C/W SB 1244C, Aft wing fitting, by inspection, NTF. C/W SB 1357, Fluted Ribs, by inspection, NTF.

C/W SB 789B, Aft wing spar, by inspection, NTF. C/W SB `1304, Main spar corrosion, by inspection, NTF.

AD 202-26-16, Spar attach bolt holes, not due until 5,000 FSH, time now 4393 FSH.

Mike Gustafson, A&P/IA, 2806323.