

YEAR:	RECORDING TACH TIME	TODAYS 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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wo: R4760

Avionics - page 2 of 3



Acs Avionics - 209 Airport Rd - Taylor, tx 76574 - 5123798497 - [REDACTED]

Aircraft flight manual was updated with tailBeacon Flight Manual Supplement PN UAV-1002512-001. Light switch has been placarded "Position Lights must remain on for ADS-B Out"

Instructions for Continued Airworthiness uAvionix Document # UAV-1002513-001 was provided to the aircraft owner/operator.

An Electrical Load analysis has been performed and found not to exceed 80% of Alternator output and does not interfere with other installed systems. No adverse interference to radios and navigation systems from RFI was found while operating the tailBeacon during the configuration process.

Weight and Balance was found to be negligible. Equipment List was revised and a copy has been placed with the aircraft records. tailBeacon S/N 2022787 WiFi Beacon-2B38 WiFi Password WestScud Installed P/N UAV-1002183-001 - TailBeacon S/N: 2022787.

2. Performed ops check of stall warning system. System checks good in accordance with aircraft maintenance manual. System is configured with a notification light only per Piper Cherokee Service Manual 753 586, Fg 11-120.

3. Performed operational check of PMA8000B audio panel. Found faulty audio panel. Needs repair or replacement.

Maintenance Release: The aircraft or appliance(s) described above was tested and inspected in accordance with current Federal Aviation Regulations, found to be airworthy and approved for return to service

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wo: R4760

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ACS Avionics 209 Airport Rd - Taylor, tx 76574 5123798497

N56466

PIPER, PA-28-140, S/N: 287325634

March 12, 2024

1. Replaced existing rear white position light with uAvionix tailBeacon assembly, Part # UAV-1002183-001 in accordance with tailBeacon STC installation manual, document # UAV-1002514-001.

The tailBeacon ADS-B transmitter is compliant to TSO-C154c or later and the tailBeacon integrated position sensor is compliant to TSO-C145d or later.

Electrical interface was accomplished using the existing position light circuit and confirmed appropriate per AC43.13-1B, chapter 11, section 5&6.

tailBeacon was installed using the existing rear position light mounting location. The existing location provides a clear view of the sky and ground. The tailBeacon is installed on a moving control surface (rudder). Review of rudder balance was performed and found to be acceptable according to Piper Cherokee Maintenance manual 753 586 dated January 15, 1981.

A satisfactory ground test of the ADS-B system was completed using a transponder ramp test set and ADS-B test set. The ground test checked for proper configuration of the equipment and the equipment performance requirements. The installed ADS-B system has been shown to meet the equipment requirements of CFR 14-91.227.

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wo: R4782

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Acs Avionics 209 Airport Rd Taylor, Tx 76574 5123798497 CRS# WCHR539X

with respect to work accomplished [REDACTED] details of work performed [REDACTED] file with Acs Avionics under work order: R4782.

Jimmy Roberts A&P [REDACTED]

YEAR:

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SERVICE

Description of Inspections, Tests, Repairs and Alterations
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 Technician or Repair Facility. (See back pages for other specific entries.)

wo: R4782

Avionics - page 1 of 2



Acs Avionics - 209 Airport Rd - Taylor, tx 76574 - 5123798497 - CRS#: [REDACTED]

N56466

PIPER, PA-28-140, S/N: 287325634

May 17, 2024

1. Removed all avionics necessary to facilitate installation. Removed P/N C-36c/A2C1/A/PKS - Indicator ID-824 TSO S/N: 12945. Removed P/N C-36c/A2C1/A/PKS - Indicator ID-825 TSO S/N: 13909. Removed P/N MK-12 D+TSO - Narco Nav/Com S/N: 60676.
2. Installed GNC 255A interfaced to KI 206 Nav indicator, replaced avionics bus circuit breakers for Audio Panel, Com1, Nav1, DME, and Transponder, in accordance with Garmin installation manual 190-01182-02 revision N dated February 1, 2024, Bendix King installation manual 006-0137-004 revision 4 dated March of 1988 and AC 43.13. Installed P/N 011-02806-40 - GNC 255A S/N: 6MM013693. Installed P/N 066-3034-04 - KI 206 S/N: 13827.
3. Performed adjustments to United Primary Altimeter and Ameriking encoder due to being out of tolerance. Performed inspections 91.411 and 91.413. I certify that the altimeter system and altitude reporting equipment has been tested as required by 14 CFR PART 91.411 and 91.413. Aircraft was found to comply with PART 43 Appendix E and F. Tested P/N 5934 - Altimeter, Tested P/N AK-350 - Altitude Encoder, Tested P/N AT50A - Transponder.

Maintenance Release: The aircraft or appliance(s) described above was tested and inspected in accordance with current Federal Aviation Regulations, found to be airworthy and approved for return to service

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wo: R4766

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Acs Avionics 209 Airport Rd Taylor, tx 76574 5123798497 CRS#: WCHR539X

N56466

PIPER, PA-28-140, S/N: 287325634

April 01, 2024

Confirmed issue. Sent PMA8000B for repair. Replaced audio panel and performed functional test in accordance with PSEngineering installation manual 200-890-0100. revision 13 dated December 2009 and AC 43.13. Removed. Sent for Repair. Reinstalled P/N 050-890-0202 - PMA 8000B S/N: S03018.

Maintenance Release: The aircraft or appliance(s) described above was tested and inspected in accordance with current Federal Aviation Regulations, found to be airworthy and approved for return to service with respect to work accomplished. Details of work performed are on file with Acs Avionics under work order: R4766.

Jimmy Roberts A&P



EPIC AERO

12/1/2023 N56466 Piper PA28-140 S/N: 28-7325634
Tach: 3368.13 Hobbs: 0337.3 TTAF: 3368.13

1. Performed Annual Inspection IAW FAR 43 Appendix D referencing Piper PA28 MM.
2. Inspected ELT IAW FAR 91.207d. proper indications of operation noted.
3. Lubed All Controls, Pulleys, pushrods, bearings, and landing gear components.
4. Complied with AD 76-07-12 Bendix Ignition switch by visual and operational insp./check. Next Due: 100hrs.
5. Complied with AD 17-14-04 oil cooler hoses by inspection. No defects noted, next due: 100hrs.
6. Replaced vacuum pump with new.
7. Compression: 1: 78/80, 2: 78/80, 3: 68/80, 4: 74/80.

I Certify this Aircraft has been Inspected IAW an Annual Inspection and was found to be in Airworthy Condition.

Matthew Retzer

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of
ies.)

Date: 1/23/2023 Aircraft: N56466 Type: PA28-140 S/N: 28-7325634

Tach Time: 3343.7

Total Time: 3343.7

Completed annual/100 Hr. inspection, performed all routine maintenance inspection and lubrication items per service manual. Removed battery box, cleaned corrosion and treated box and surrounding area. Reinstalled battery box, serviced and installed Gill G-35 Battery S/N G03170972. Replaced valve core and seal for Schrader valve on left and right struts, serviced all struts. Replace engine compartment fuel hoses. Replace hose at brake calipers. Replaced left and right fuel tank sump drain valves. Replaced center forward fairing for vertical stabilizer. AD 69-22-02 Inspect control wheels. AD 72-08-06 Inspect main gear torque links. AD 72-24-02 Install placard. AD2010-15-10 Inspect and comply with modification IAW SB1197B on control columns. AD 2013-02-13 Inspect stabilator cables. AD 2017-14-04 Replace oil cooler hoses (inspect each 100 hours). AD 2018-07-03 Inspect for proper placards on fuel selector valve. AD 2020-24-05 Install inspection panel kit and inspect spar area. Replaced ELT Batteries, new date Jan 2025. Inspect and perform operational check on ELT per FAR 91.207 (d)(9)(2)(3)(4). I certify that this aircraft has been inspected in accordance with a 100 hr. inspection and was determined to be in an air worthy condition.

Rodney Patridge

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

Jack Perry

IA

EPIC AERO

12/1/2023 N56466 Piper PA28-140 S/N: 28-7325634
Tach: 3368.13 Hobbs 0227.2

Tach: 3368.13 Hobbs: 0337.3 TAF: 3358.13

Lycoming C-320-D3G S/N: L34682-27A SMOH: 799.7 Engine TT: UKM

1. Performed 100hr. inspection IAW FAR 43 Appendix D referencing Lycoming MM.
2. Complied with AD 17-14-04 oil cooler hoses by inspection. No defects noted, next due: 100hrs.
3. Drained oil and serviced engine with 8qts Aeroshell 15W50. Removed, cut, and inspected oil filter with no discrepancies noted. Installed NEW AA48110-2 Oil filter.
4. Compression: 1: 78/80, 2: 78/80, 3: 68/80, 4: 74/80.
5. Removed, cleaned, gapped, tested, and reinstalled all spark plugs.
6. Lubricated all engine controls.

I Certify this Engine has been Inspected IAW a 100hr. Inspection and found to be in Airworthy Condition.

Matthew Retzer [REDACTED]

Matthew Retzer

A&P

[illegible]

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DATE				

Date: 1/23/2023

Aircraft: N56466

Type:

Pa 28-140

S/N: 3-7325634

Tach Time: 3346.7

SMOH

778.3

Engine Lycoming

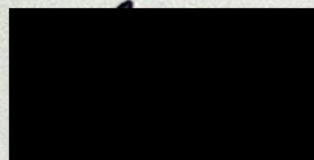
M/N 0320 03G

S/N

L34682-27

Changed oil and filter, cleaned and gapped spark plugs. Compression check #1, 68/80, #2, 64/80, #3, 63/80, #4, 74/80. Replaced engine compartment fuel hoses. Repaired bracket on oil cooler. AD 2017-14-04 replace oil cooler hoses (require inspection each 100 hours and replace each 8 year). Replaced air filter, serviced with Aeroshell W100 oil. I certify that this engine has been inspected with a 100 Hr. inspection and was determined to be in airworthy condition.

Rodney Patridge
A&P 3388618



I certify that this engine was inspected in accordance with an annual inspection and was determined to be in airworthy condition.



Jack Perry

IA:



NAME	REGISTRATION TAX FEE	WEIGHT PLANT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be enclosed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)
DATE				

N56466 Date: 10/22/08 Tach: 3344.6

Engine Log

Compression 148 268 370 474 washed down engine and checked for leaks check ok.
Cleaned gapped and tested spark plugs and reinstalled. Removed and replaced gaskets to
#1 and 3 exhaust gaskets with new. Test run up check ok. I certify that this engine has
been inspected LAW an annual inspection and found to be airworthy. All AD's c/w and
work done LAW approved data and on file with West Texas Aero

Signature

AP