

THE
MAGAZINE
OF THE
ROYAL
SOCIETY
OF
EDINBURGH
PUBLISHED
BY
WILLIAM LEITCH,
PRINTERS,
10, NICHOLSON STREET,
EDINBURGH.

The subject aircraft was involved in an incident / accident on 6/17/2024 rendering it a Constructive Total Loss as not repairable within its insured value. For further details refer to insurance claim: 9226867882US.

Signed: ***Underwriters Salvage Company***

Date: **8/8/2024**

AIG Aerospace Adjustment Services Inc
3500 Lenox Road, Suite 1100
Atlanta, GA 30326

YEAR
20
DATE

Beegles

Aircraft Service LLC



Quality Service
Since 1946

REPAIR STATION BX4R092M
(970) 353-9200
www.beeglesaircraft.com

635 AIRPORT ROAD • WELD COUNTY AIRPORT • GREELEY, COLORADO 80631

06-07-2023 Hobbs _____ N3103E sn 4496188

Nose tire: Replaced nose tire pn 505C61-8 and tube pn 097-908-0. Jacked aircraft and performed operational retraction and extension cycle.

This aircraft was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Except as stated above, no other work, inspection, corrective action or determination of airworthiness has been completed at this time, limited to work performed.

Pertinent details on file at Beegles Aircraft Service LLC, Greeley, CO.
Work Order # 13,351 CRS# BX4R092M

Signed 

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YEAR
20
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

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

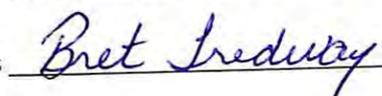
Freedom Air Avionics CRS# FDBR221K
June 21, 2023
N3103E



FREEDOM AIR AVIONICS

The altimeter and static system tests required by FAR 91.411 and part 43 Appendix E have been performed. **United 5934PD-3 S/N:439213, ACK A 30.5 S/N:137623,** have been tested and certified to **20K.** ATC Transponder tests and inspections required by FAR 91.413 and part 43 Appendix F were performed on **Garmin GTX 330ES S/N:84110609.**

MAINTENANCE RELEASE: This aircraft, airframe or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office. Work Order#: 20231009

Freedom Air Avionics  Bret Tredway CRS#FDBR221K

YEAR
20
DATE

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

September 30, 2022 N3103E Piper PA44-180 S/N 4496188 TTAF: 4769.4

1. Replaced attitude indicator gyro, PN: 102-0074-03 SN: 25MR0187.
2. Reference McAir Work Order #3881.

This Aircraft is approved for return to service for the work performed.


Calvin Davis A&P 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

December 9, 2022 N3103E Piper PA44-180 S/N 4496188 TTAF 4834.2

1. Complied with 100HR inspection IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. Checked Airworthiness Directive compliance thru this date.
3. ELT inspected IAW FAR 91.207(d). Battery replacement due APR 2025.
4. Inspected fire extinguisher, weight 2 Lb 6 Oz.
5. Replaced all tires and tubes. Nose 5.00-5 6 ply. Mains 6.00-6 8 ply. Serviced all tire pressures.
6. Replaced vacuum regulator filters, PN: RAB3-5-1. Instrument filter due at 5047.
7. Replaced left brake linings, PN: RA66-62.
8. Tightened loose bolt on left side attach fitting for nose gear trunnion.
9. Replaced 5 static wicks; left aileron x2, left flap x1, right side elevator x1, right aileron x1.
10. Secured loose adel clamps on right engine mount.
11. Corrected prop governor control cable loose clamp and chafing on oil cooler.
12. Replaced missing screw in engine baffle on left engine #4 cylinder.
13. Reference McAir Work Order #3975.

This Aircraft is airworthy and approved for return to service for the work performed.


Calvin Davis A&P 3300737

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YEAR
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DATE

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

December 19, 2022 N3103E Piper PA44-180 S/N 4496188 TTAF: 4844.0

1. Cleaned and lubricated trim drum/jack screw assembly for stabilator and rudder trim.
2. Adjusted stabilator trim cable tension.
3. Reference McAir Work Order #3990.

This Aircraft is approved for return to service for the work performed.

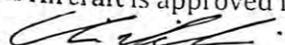

Calvin Davis A&P 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

January 19, 2022 N3103E Piper PA44-180 S/N 4496188 TTAF: 4866.7

1. Replaced Cabin Heater with overhauled unit, P/N:90D38-2FL. S/N:A05100001 Heater hobbs: 550.3
2. AD 2004-21-05, Heater Combustion Tube, effective 11/9/04, pressure decay test Next due heater hobbs: 1050.3 or January 2025. (94E42 airflow switch installed, operational test of switch not required)
3. Reference McAir WO#4023.

This Aircraft is approved for return to service for the work performed.


Christopher Griffin A&P 3603477

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(tries.)

YEAR
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DATE

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
June 30, 2022 N3103E Piper PA44-180 S/N 4496188 TTAF 4646.2

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1. Complied with 100HR inspection IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. Checked Airworthiness Directive compliance thru this date.
3. ELT inspected IAW FAR 91.207(d). Battery replacement due APR 2023.
4. Inspected fire extinguisher, weight 2 Lb 4 Oz.
5. Replaced left tire and tube, 6.00-6 8 ply. Serviced tire pressures.
6. Replaced vacuum regulator filters, PN: RAB3-5-1. Instrument filter due at 5047.
7. Replaced left brake disc, PN: RA164-21600, and all left brake linings, PN: RA66-62.
8. Secured loose hardware where nose gear drag link attaches to airframe.
9. Serviced brake fluid reservoir.
10. Secured loose hardware under both pilot seats.
11. Stop drilled crack in spit window on left cockpit window.
12. Installed passive self adhesive CO detector to instrument panel.
13. Reference McAir Work Order #3727.

This Aircraft is airworthy and approved for return to service for the work performed.

Calvin Davis A&P 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
September 2, 2022 N3103E Piper PA44-180 S/N 4496188 TTAF 4735.4

1. Complied with 100HR inspection IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. Checked Airworthiness Directive compliance thru this date.
3. ELT inspected IAW FAR 91.207(d). Battery replacement due APR 2023.
4. Inspected fire extinguisher, weight 2 Lb 5 Oz.
5. Serviced all tire pressures.
6. Replaced vacuum regulator filters, PN: RAB3-5-1. Instrument filter due at 5047.

7. Patched cracked sheet metal structure around left cowl flap control lever.
8. Replaced loose rivets on hinge of both main landing gear doors.
9. Lubricated main landing gear trunnion and drag link pivots.
10. Replaced right brake linings, PN: RA66-62.
11. Reference McAir Work Order #3827.

This Aircraft is airworthy and approved for return to service for the work performed.

Calvin Davis A&P 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
September 12, 2022 N3103E Piper PA44-180 S/N 4496188 TTAF: 4747.9

1. Replaced battery ground ring terminal.
2. Relocated battery ground to airframe to relieve tension from terminals.
3. Reference McAir Work Order #3842.

This Aircraft is approved for return to service for the work performed.

Inocencio Devora A&P 4371908

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
September 13, 2022 N3103E Piper PA44-180 S/N 4496188 TTAF: 4749.8

1. Replaced left and right engine oil pressure transducers, PN: 548-729.
2. Replaced left recognition light with PMA LED unit, PN: 01-0771888-00.
3. Replaced ELT Battery PN: 452-0130. ELT inspected IAW FAR 91.207(d). Replacement due APR 2025.
4. Reference McAir Work Order #3845.

This Aircraft is approved for return to service for the work performed.

Calvin Davis A&P 3300737

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McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
August 9, 2021 N3103E Piper PA44-180 S/N 4496188 TTAF 4459.5

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1. Resealed left brake caliper, o-ring PN MS28775-222. Replaced left brake linings, PN RA066-06200. Serviced brake fluid reservoir. Operational check good.
2. Reference McAir Work Order #3337.

This Aircraft is airworthy and approved for return to service for the work performed.

Calvin Davis
Calvin Davis A&P 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
August 13, 2021 N3103E Piper PA44-180 S/N 4496188 TTAF: 4467.9

1. Inspected inoperative GPS#2 and CDI#2. No safety of flight concerns are present. Equipment placarded INOPERATIVE in accordance with FAR91.213(d) and FAR43.11(b). The aircraft owner has been notified.

Calvin Davis
Calvin Davis A&P 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
August 13, 2021 N3103E Piper PA44-180 S/N 4496188 TTAF: 4467.9

1. Replaced left tire and tube, 6.00-6 8 ply.
2. Reference McAir Work Order #3341.

This Aircraft is approved for return to service for the work performed.

Paul W. Paasch
Paul W. Paasch AP3271465

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McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
November 22, 2021 N3103E Piper PA44-180 S/N 4496188 TTAF: 4511.4

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1. Removed all components necessary for access to motor mount.
2. Replaced left engine motor mount assembly, PN: 89361-016 SN: M00827739.
3. Reinstalled all components removed for access.
4. Conducted 1 ground run up, 1 test flight, and 1 post maintenance inspection. No discrepancies noted.
5. Reference McAir Work Order #3387.

This Aircraft is approved for return to service for the work performed.

Inocencio Devora
Inocencio Devora A&P 4371908

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
November 22, 2021 N3103E Piper PA44-180 S/N 4496188 TTAF 4511.4

1. Complied with 100 HR inspection IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. Checked Airworthiness Directive compliance thru this date.
3. AD 2004-25-16 Heater Fuel Shutoff Valve, effective 6/20/05, no longer applicable due to replacement of valve with non affected part number. (Valve was replaced February 7, 2020.)
4. ELT inspected IAW FAR 91.207(d). Battery replacement due APR 2023.
5. Inspected fire extinguisher, weight 24 oz.
6. Serviced tire pressures.
7. Replaced vacuum regulator filters, PN RAB3-5-1.
8. Replaced nose tire and tube, 5.00-5 6 ply.
9. Inspected inoperative GPS#2 and CDI#2. No safety of flight concerns are present. Equipment placarded INOPERATIVE in accordance with FAR91.213(d) and FAR43.11(b).
10. Reference McAir Work Order #3387.

This Aircraft is airworthy and approved for return to service for the work performed.

Calvin Davis
Calvin Davis A&P 3300737

S# FDBR221K

June 30, 2021

N3103E



The altimeter and static system tests required by FAR 91.411 and part 43 Appendix E have been performed. **United 5934PD-3 S/N:439213, ACK A 30.5 S/N:137623,** have been tested and certified to **20K.** ATC Transponder tests and inspections required by FAR 91.413 and part 43 Appendix F were performed on **Garmin GTX 330ES S/N:84110609.**

MAINTENANCE RELEASE: This aircraft, airframe or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office. Work Order#:1927

Freedom Air Avionics

Rusty Wallace CRS#FDBR221K

Operations
Number of
Entries.)

YEAR
20
DATE

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
July 8, 2021 N3103E Piper PA44-180 S/N 4496188 TTAF 4424.6

1. Complied with 100 HR inspection IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. Checked Airworthiness Directive compliance thru this date.
3. AD 2004-25-16 Heater Fuel Shutoff Valve, effective 6/20/05, no longer applicable due to replacement of valve with non affected part number. (Valve was replaced February 7, 2020.)
4. C/W AD 2004-21-05, Heater Combustion Tube, effective 11/9/04, by pressure decay test. Next due heater hobbs: 648.5 or July 2023.
5. ELT inspected IAW FAR 91.207(d). Battery replacement due APR 2023.
6. Inspected fire extinguisher, weight 24 oz.
7. Serviced tire pressures.
8. Replaced vacuum regulator filters, PN RAB3-5-1.
9. Replaced right recognition light with PMA LED unit, PN: 01-0771888-00.
10. Replaced right carburetor heat control cable, PN: 554-545.
11. Replaced left wheel assembly inner tube, 6.00-6.
12. Reattached loose weather strip at top of cabin door.
13. Clean dirty control yoke shafts.
14. Reseated loose roll pins under right seat.
15. Reference McAir Work Order #3290.

This Aircraft is airworthy and approved for return to service for the work performed.

Calvin Davis A&P 3300737

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McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

YEAR ^{and right} 2020 DATE March 25, 2021 N3103E Piper PA44-180 S/N 4496188 TTAF 4329

1. Replaced left wing white nav light bulb, PN A50814.
2. Reference McAir Work Order #3182.

This Aircraft is approved for return to service for the work performed.

Calvin Davis
Calvin Davis A&P 3300737

Inspections
number of
entries.)

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
Apr 19, 2021 N3103E Piper PA44-180 S/N 4496188 TTAF 4344.5

1. Complied with 100 HR inspection IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. Checked Airworthiness Directive compliance thru this date.
3. C/W AD 2004-25-16 Heater Fuel Shutoff Valve, effective 6/20/05, by visual inspection. Next due 4444.5 or Apr 2022.
4. Checked applicability of AD 2020-25-12 Superior Air Parts crankshafts, effective 1/15/2021. Not applicable by Part Not Installed.
5. Inspected fire extinguisher, weight 24 oz. *ELT TESTED IN ACCORDANCE WITH 91.207(d). BATT DUE APR 2023*
6. Serviced tire pressures.
7. Replaced vacuum regulator filters, PN RAB3-5-1.
8. Replaced all brake linings RA66-62.
9. Replaced right brake caliper o-rings PN MS28775-222, and performed bleed procedure.
10. Serviced brake reservoir with MIL-H-5606.
11. Serviced hydraulic power pack with MIL-H-5606.
12. Replaced flap cable tension spring PN106965-001.
13. Reference McAir Work Order #3207.

This Aircraft is airworthy and approved for return to service for the work performed.

Paul W. Paasch
Paul W. Paasch AP3271465

Description of Inspections Tests Repairs and Alterations

YEAR 2020 DATE June 4, 2021 N3103E Piper PA44-180 S/N 4496188

1. Replaced right tire and tube, 6.00-6 8 ply.
2. Reference McAir Work Order #3260.

This Aircraft is approved for return to service for the work performed.

Calvin Davis
Calvin Davis A&P 3300737

YEAR	DESCRIPTION	TODAY'S	TOTAL	DESCRIPTION OF INSPECTIONS TESTS REPAIRS AND ALTERATIONS	NUMBER OF ENTRIES
2020					
2021					
2022					
2023					

NO ENTRY

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
June 10, 2021 N3103E Piper PA44-180 S/N 4496188 Tach: 4400.5

1. Replaced passive self adhesive CO detector on instrument panel.
2. Serviced left strut nitrogen charge.
3. Gear will not retract in flight, pump circuit breaker trip. Performed gear swing to investigate, found pump not shutting off after gear down and lock. Cycled emergency gear extension valve, problem resolved. Gear operational check good.
4. Reference McAir Work Order #3265.

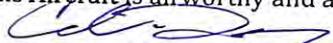
This Aircraft is approved for return to service for the work performed.

Calvin Davis
Calvin Davis A&P 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
September 28, 2020 N3103E Piper PA44-180 S/N 4496188 TTAF 4176.8

1. Replaced nose wheel inner tube with new. Flipped tire on nose wheel assembly to promote even tread wear.
2. Reference McAir Work Order #3013.

This Aircraft is airworthy and approved for return to service for the work performed.


Calvin Davis A&P 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
November 19, 2020 N3103E Piper PA44-180 S/N 4496188 TTAF 4226

1. Replaced left recognition light, PN 01-0770110-04.
2. Reference McAir Work Order #3071.

This Aircraft is airworthy and approved for return to service for the work performed.


Calvin Davis A&P 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
December 16, 2020 N3103E Piper PA44-180 S/N 4496188 TTAF 4253.2

1. Replaced switching relay, PN 20607-81, for cabin heater fuel pumps. Operational check of heater good.
2. Reference McAir Work Order #3096.

This Aircraft is approved for return to service for the work performed.

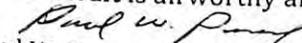

Calvin Davis A&P 3300737

~~NO ENTRY~~

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
Jan 3, 2021 N3103E Piper PA44-180 S/N 4496188 TTAF 4256.3

1. Complied with ANNUAL inspection IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. Checked Airworthiness Directive compliance thru this date.
3. C/W AD 2004-25-16 Heater Fuel Shutoff Valve, effective 6/20/05, by visual inspection. Next due 4356.3 or Jan 2022.
4. Inspected fire extinguisher, weight 24 oz.
5. Serviced tire pressures.
6. Replaced vacuum regulator filters, PN RAB3-5-1.
7. Replaced nose tire and tube, 5.00 x 5, 6 ply.
8. Replaced right tire and tube, 6.00 x 6, 6 ply.
9. Reference McAir Work Order #3107.

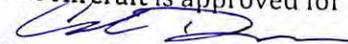
This Aircraft is airworthy and approved for return to service for the work performed.


Paul W. Paasch IA3271465

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
January 7, 2021 N3103E Piper PA44-180 S/N 4496188 TTAF 4260

1. Bled brake system.
2. Reference McAir Work Order #3113.

This Aircraft is approved for return to service for the work performed.


Calvin Davis A&P 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
February 3, 2021 N3103E Piper PA44-180 S/N 4496188 TTAF 4291.5

1. Replaced inner tube in left wheel assembly.
2. Reference McAir Work Order #3139.

This Aircraft is approved for return to service for the work performed.


Calvin Davis A&P 3300737

9. Replaced left NAV light PN 34-0414020-65.
10. Complied with lube schedule.
11. Resealed right brake pistons. Bled brakes.
12. Replaced all brake linings PN RA66-62.
13. Placarded heater INOP.
14. Reference McAir Work Order #2795.

and Alterations
 Certificate Number of
 (per specific entries.)

This Aircraft is airworthy and approved for return to service for the work performed.

Paul W. Paasch

Paul W. Paasch IA3271465

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

February 7, 2020 N3103E Piper PA44-180 S/N 4496188 TTAF 3991.8 Heater Hobbs: 485.3

1. Replaced heater fuel pressure regulator PN CD20800 SN HET0670. Op check normal.
2. Reference McAir Work Order #2809.

This Aircraft is airworthy and approved for return to service for the work performed.

Paul W. Paasch

Paul W. Paasch AP3271465

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

April 24, 2020 N3103E Piper PA44-180 S/N 4496188 TTAF 4065.4

1. Complied with 100 HR inspection IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. Checked Airworthiness Directive compliance thru this date.
3. C/W AD 2004-25-16 Heater Fuel Shutoff Valve, effective 6/20/05, by visual inspection. Next due 4165.4 or April 2021.
4. C/W AD 2004-21-05 Heater Combustion Tube, effective 11/9/04, by pressure decay test. Next due heater hobbs: 985.2 or April 2021.
5. ELT inspected IAW FAR 91.207(d). Battery replacement due SEP 2020.
6. Inspected fire extinguisher, weight 24 oz.
7. Serviced tire pressures.
8. Replaced vacuum regulator filters, PN RAB3-5-1.
9. Replaced both brake discs RA164-21600.
10. Replaced sun visors PN H65866-00.

11. Reattached door seal with contact cement.
12. Reference McAir Work Order #2795.

This Aircraft is airworthy and approved for return to service for the work performed.

Paul W. Paasch
 Paul W. Paasch AP3271465

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

August 19, 2020 N3103E Piper PA44-180 S/N 4496188 TTAF 4158.4

1. Replaced Attitude Gyro with overhauled, PN 102-0074-03 SN 24D0256G.
2. Reference McAir Work Order #2971.

This Aircraft is airworthy and approved for return to service for the work performed.

Calvin Davis
 Calvin Davis A&P 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
 Sep 9, 2020 N3103E Piper PA44-180 S/N 4496188 TTAF 4163.7

1. Complied with 100 HR inspection IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. Checked Airworthiness Directive compliance thru this date.
3. C/W AD 2004-25-16 Heater Fuel Shutoff Valve, effective 6/20/05, by visual inspection. Next due 4263.7 or Sep 2021.
4. Replaced ELT battery, PN 452-0130 and inspected IAW FAR 91.207(d). Battery replacement due APR 2023.
5. Inspected fire extinguisher, weight 24 oz.
6. Serviced tire pressures.
7. Replaced vacuum regulator filters, PN RAB3-5-1.
8. Replaced all brake linings PN RA66-62.
9. Replaced right tire and tube, 6.00 x 6, 6 ply.
10. Complied with Piper Service Bulletin 1287 Lower Wing Skin Inspection by repairing cracks in accordance with AC43.13-1B.
11. Reference McAir Work Order #2990.

This Aircraft is airworthy and approved for return to service for the work performed.

Paul W. Paasch
 Paul W. Paasch AP3271465

YEAR
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DATE

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
November 22, 2019 N3103E Piper PA44-180 S/N 4496188 TTAF 3876.6

Alterations
(Number of
entries.)

1. Complied with 100 HR inspection IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. Checked Airworthiness Directive compliance thru this date.
3. C/W AD 2004-25-16 Heater Fuel Shutoff Valve, effective 6/20/05, by visual inspection. Next due 3976 or December 2020.
4. ELT inspected IAW FAR 91.207(d). Battery replacement due SEP 2020.
5. Inspected fire extinguisher, weight 24 oz.
6. Serviced nose strut and all tire pressures.
7. Replaced vacuum regulator filters, PN RAB3-5-1.
8. Replaced attitude indicator, PN 102-0074-03 SN 99H1006G.
9. Replaced horizontal situation indicator, PN 066-3046-07 SN 85857.
10. Adjusted stabilator trim control cable tension.
11. Reference McAir Work Order #2735.

This aircraft is airworthy and approved for return to service for the work performed.

Calvin Davis

Calvin Davis AP 3300737

12/2/19	3880.1			HSI SYSTEM DISABLED & PLACARDED INOPERATIVE IAW FAR 91.213(d) and FAR 43.11(b). THE AIRCRAFT OWNER HAS BEEN NOTIFIED & REPAIRS ARE SCHEDULED.
				CALVIN DAVIS AP 3300737 <i>Calvin Davis</i>

YEAR
20
DATE

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
December 9, 2019 N3103E Piper PA44-180 S/N 4496188 TTAF 3888.8

Alterations
(Number of
specific entries.)

1. Replaced remote directional gyro, PN 060-0015-00 SN 18036.
2. Reference McAir Work Order #2746.

This aircraft is airworthy and approved for return to service for the work performed.

Calvin Davis

Calvin Davis AP 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
January 8, 2020 N3103E Piper PA44-180 S/N 4496188 TTAF 3939

1. Replaced nose wheel assembly, PN 40-77.
2. Replaced nose tire and tube, 5.00-5 6 ply.
3. Replaced both main tires and tubes, 6.00-6 8 ply.
4. Repaired broken wire from right mic switch to ground.
5. Reference McAir Work Order #2752.

This aircraft is approved for return to service for the work performed.

Calvin Davis

Calvin Davis AP 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
January 24, 2020 N3103E Piper PA44-180 S/N 4496188 TTAF 3970.1

1. Complied with ANNUAL inspection IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. Checked Airworthiness Directive compliance thru this date.
3. C/W AD 2004-25-16 Heater Fuel Shutoff Valve, effective 6/20/05, by visual inspection. Next due 3970.1 or January 2021.
4. C/W AD 2004-21-05 Heater Combustion Tube, effective 11/9/04, by pressure decay test. Next due heater hobbs: 985.2 or January 2021.
5. ELT inspected IAW FAR 91.207(d). Battery replacement due SEP 2020.
6. Inspected fire extinguisher, weight 24 oz.
7. Serviced tire pressures.
8. Replaced vacuum regulator filters, PN RAB3-5-1.

CONT ON NEXT PAGE

YEAR
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McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

September 10, 2019 **N3103E** Piper PA44-180 S/N 4496188 TTAF 3754.1

1. Resealed left brake caliper, o-ring PN MS28775-222. Replaced both piston insulators, PN 088-00100. Replaced left brake linings, PN RA066-06200. Operational check good.
2. Reference McAir Work Order #2654.

This **aircraft** is approved for return to service for the work performed.


Calvin Davis AP 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

September 19, 2019 **N3103E** Piper PA44-180 S/N 4496188 TTAF 3757.7

1. Adjusted rigging of gear up warning microswitches on both throttles.
2. Reference McAir Work Order #2662.

This **aircraft** is approved for return to service for the work performed.


Calvin Davis AP 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

September 24, 2019 **N3103E** Piper PA44-180 S/N 4496188 TTAF 3767

1. Replaced left tire and tube, 6.00-6 8 ply.
2. Reference McAir Work Order #2673.

This **aircraft** is approved for return to service for the work performed.


Calvin Davis AP 3300737

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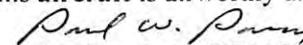
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McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

Oct 4, 2019 **N3103E** Piper PA44-180 S/N 4496188 TTAF 3777.4

1. Complied with **100 HR inspection** IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. C/W **AD 2004-25-16** Heater Fuel Shutoff Valve, effective 6/20/05, by visual inspection. Next due 3877.4 or OCT2020.
3. ELT inspected IAW FAR 91.207(d). Next due SEP 2020.
4. Inspected fire extinguisher, weight 23 oz.
5. Serviced all tire pressures.
6. Replaced vacuum regulator filters and instrument filter, PN RAB3-5-1.
7. Tightened cowl flap control handles.
8. Replaced right brake linings PN RA66-62.
9. Checked AD compliance thru this date. For a complete AD list, see aircraft permanent records.
10. Reference McAir Work Order #2682.

This **aircraft** is airworthy and approved for return to service for the work performed.


Paul W. Paasch AP3271465

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

November 12, 2019 **N751LU** Piper PA-28R-201 S/N 2844146 Tach/AFTT: 2617.8

1. Replaced Garmin GMU44 magnetometer, PN 011-00870-00, SN 47509885. Software install and calibration completed IAW the Garmin MM.
2. Reference McAir Aviation WO#2726.

This **Aircraft** is approved for return to service for the work performed.


Calvin Davis AP 3300737

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Performed Altimeter, Encoder, Transponder
Certifications as per attached form. N 3103E

The Altimeter and Static System tests required by FAA 91.411 have been performed. The Altimeter has been tested to 20,000 ft.

ATC transponder tests & inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.

Signed [Signature]

Make Garmin Model GTX 330ES

S/N: 44110609

Date: 06-27-19

Details on file under Work Order No. 1533

FAA Approved Repair Station No. FDBR221K
Freedom Avionics Company
Rocky Mountain Metropolitan Airport
Broomfield, CO 80021

Date 06-27-19 Signature [Signature]
Freedom Avionics Company CRS No. FDBR221K
Rocky Mountain Metropolitan Airport
Broomfield, CO 80021

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
July 15, 2019 N3103E Piper PA44-180 S/N 4496188 TTAF 3660.5

1. Replaced left tire and tube 6.00 x 6, 8 ply.
2. Work documented under McAir Work Order #2583.

This aircraft is airworthy approved for return to service for the work performed.

[Signature]
Paul W. Paasch AP3271465

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McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
Aug 6, 2019 N3103E Piper PA44-180 S/N 4496188 TTAF 3686.8

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1. Complied with **100 HR inspection** IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. C/W **AD 2004-25-16** Heater Fuel Shutoff Valve, effective 6/20/05, by visual inspection. Next due 3786.8.0 or AUG2020.
3. ELT inspected IAW FAR 91.207(d). Next due SEP 2020.
4. Inspected fire extinguisher, weight 23 oz.
5. Serviced all tire pressures.
6. Replaced vacuum regulator filters and instrument filter, PN RAB3-5-1.
7. Tightened cowl flap control handels.
8. Checked AD compliance thru this date. For a complete AD list, see aircraft permanent records.
9. Reference McAir Work Order #2610.

This aircraft is airworthy and approved for return to service for the work performed.

[Signature]
Paul W. Paasch AP3271465

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
August 14, 2019 N3103E Piper PA44-180 S/N 4496188 TTAF 3712

1. Repaired broken field wire on left alternator.

This aircraft is approved for return to service for the work performed.

[Signature]
Calvin Davis AP 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
August 22, 2019 N3103E Piper PA44-180 S/N 4496188 TTAF 3727.2

1. Replaced left white position light bulb PN A50814.
2. Reference McAir Work Order #2630.

This aircraft is approved for return to service for the work performed.

[Signature]
Paul W. Paasch AP3271465

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1. Complied with ANNUAL inspection IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. C/W AD 2004-25-16 Heater Fuel Shutoff Valve, effective 6/20/05, by visual inspection. Next due 3596.1 or ~~MAR2020~~ APR 2020 *Sup*
3. ELT inspected IAW FAR 91.207(d). Next due SEP 2020.
4. Inspected fire extinguisher, weight 23 oz.
5. Serviced all tire pressures.
6. Serviced wheel bearings.
7. Replaced right wheel outboard bearing PN 13889 & cup PN 13836.
8. Replaced both nose wheel bearings PN 08125 & cup PN 08231.
9. Reattached cabin door seal.
10. Tightened right cowl flap control handle.
11. Lubed flap torque tube to alleviate binding.
12. Lubed rudder trim control and drum to alleviate binding.
13. Applied chafe tape under nose steering spring housing.
14. Re-established dome light ground wire.
15. Replaced left aileron static wick PN DG10-96.
16. Sent both ailerons to Beagles Aviation for inboard skin replacement due to several cracks. See W.O. # 12695 dated 3/26/19
17. Replaced vacuum regulator filters and instrument filter, PN RAB3-5-1.
18. Checked AD compliance thru this date. For a complete AD list, see aircraft permanent records.
19. Reference McAir Work Order #2398.

This aircraft is airworthy and approved for return to service for the work performed.

Paul W. Paasch
Paul W. Paasch IA3271465

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1. Replaced left tire and tube 6.00 x 6, 8 ply.
2. Work documented under McAir Work Order #2544.

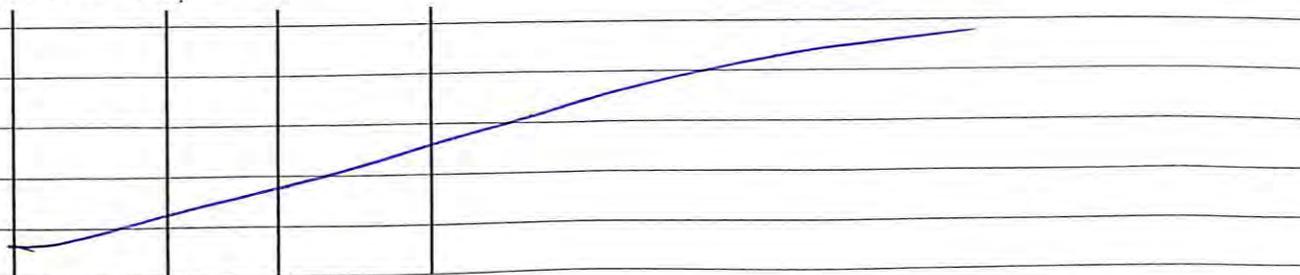
This aircraft is airworthy approved for return to service for the work performed.

Paul W. Paasch
Paul W. Paasch AP3271465

1. Complied with 100 HR inspection IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. C/W AD 2004-25-16 Heater Fuel Shutoff Valve, effective 6/20/05, by visual inspection. Next due 3694.0 or JUN2020.
3. ELT inspected IAW FAR 91.207(d). Next due SEP 2020.
4. Inspected fire extinguisher, weight 23 oz.
5. Serviced all tire pressures.
6. Replaced nose tire and tube 5.00 x 5, 6 ply.
7. Replaced vacuum regulator filters and instrument filter, PN RAB3-5-1.
8. Checked AD compliance thru this date. For a complete AD list, see aircraft permanent records.
9. Reference McAir Work Order #2558.

This aircraft is airworthy and approved for return to service for the work performed.

Paul W. Paasch
Paul W. Paasch AP3271465



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McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

May 3, 2018 N3103E Piper PA44-180 S/N 4496188 TTAF 3303.9

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1. Complied with ANNUAL inspection IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. C/W AD ~~4-25-16~~ ²⁰⁰⁴⁻²⁵⁻¹⁶ Heater Fuel Shutoff Valve, next due 3401 or May 2019.
3. ELT inspected IAW FAR 91.207(d), replaced battery PN 412-0130. Next due SEP 2020.
4. Inspected fire extinguisher, weight 23 oz.
5. Serviced all tire pressures.
6. Replaced vacuum regulator filters and instrument filter, PN RA63-5-1 and RAD9-18-1.
7. Replaced all brake linings PN RA66-62
8. Complied with lube schedule.
9. Checked AD compliance thru this date. For a complete AD list, see aircraft permanent records.
10. Reference McAir Work Order #2070.

This aircraft is airworthy and approved for return to service for the work performed.

Paul W. Paasch
Paul W. Paasch IA3271465

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

May 17, 2018 N3103E Piper PA44-180 S/N 4496188 TTAF 3324.7

1. Installed turn coordinator PN 1394T100 SN E18-10674.
2. Reference McAir Work Order #2090.

Paul W. Paasch
Paul W. Paasch AP3271645

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

June 1, 2018 N3103E Piper PA44-180 S/N 4496188 TTAF 3327.3

1. Replaced cracked hydraulic line (from cabin bulkhead to forward side of landing gear freefall valve) in nose cone area. Operational check good.
2. Reference McAir Work Order #2096.

Calvin Davis
Calvin Davis AP 3300737

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McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

June 5, 2018 N3103E Piper PA44-180 S/N 4496188 TTAF 3333.1

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1. Fin Strobe inspected, bulb found to have failed. Fin strobe placarded INOPERATIVE in accordance with FAR91.213(d) and FAR43.11(b). The aircraft owner has been notified.

Calvin Davis
Calvin Davis AP 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

June 18, 2018 N3103E Piper PA44-180 S/N 4496188 TTAF 3344.1

1. Found and corrected hydraulic leak in nose cone area. Serviced hydraulic fluid reservoir. Landing gear operational check good.
2. Reference McAir Aviation Work Order #2127.

Calvin Davis
Calvin Davis AP 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

July 11, 2018 N3103E Piper PA44-180 S/N 4496188 TTAF 3363.6

1. Fabricated and installed bracket for left door on nose gear.
2. Reference McAir Aviation Work Order #2170.

Calvin Davis
Calvin Davis AP 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

Aug 15, 2018 N3103E Piper PA44-180 S/N 4496188 TTAF 3384.7

1. Installed used serviceable Oildyne Hydraulic Power Pack PN: 108AMC19SP-AL-1VT SN: 217001Z..
2. Reference McAir Aviation Work Order #2234.

Paul W. Paasch
Paul W. Paasch AP3271465

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Freedom Air Avionics CRS# FDBR221K

June 19th 2017

N3103E



FREEDOM AIR AVIONICS

Removed Garmin GNS 430 and sent in for WAAS upgrade, Changed Coax and antenna, Installed unit upon return.
Removed Garmin GTX 330 and sent in for ES upgrade, installed unit upon return.
Tested GTX 330ES in reference to FAA AC 20-165B chapter 4.
The installed ADS-B OUT system was shown to meet the equipment performance requirements of 14 CFR part 91, § 91.227.

MAINTENANCE RELEASE: This aircraft, airframe or appliance was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. All work was performed in accordance with applicable aircraft, or appliance maintenance manuals and instructions. Pertinent details are on file at the repair station office. Work Order#:18726

Freedom Air Avionics Bret Tredway Bret Tredway CRS#FDBR221K

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

August 17, 2017 N3103E Piper PA44-180 S/N 4496188 TTAF 3179.7

1. Replaced ail brake linings, PN RA66-62.
2. Replaced right recognition light assembly, PN 01-0770110-04.
3. Reference McAir Work Order #1886.

This Aircraft is airworthy and approved for return to service for the work performed.

Calvin Davis
Calvin Davis AP/IA 3300737

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McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
October 13, 2017 N3103E Piper PA44-180 S/N 4496188 TTAF 3205.2

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1. Complied with **100HR inspection** IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. C/W **AD 4-25-16** Heater Fuel Shutoff Valve, next due 3305.2 or October 2018.
3. ELT inspected IAW FAR 91.207(d). battery replace due Nov 2018.
4. Inspected fire extinguisher. weight 23 oz.
5. Serviced all tire pressures.
6. Replaced vacuum regulators. PN RAB3-5-1.
7. Replaced 6 static wicks PN: SW10-96
8. Checked AD compliance thru this date. For a complete AD list. see aircraft permanent records.
9. Reference McAir Work Order #1937.

This aircraft is airworthy and approved for return to service for the work performed.

Paul W. Paasch
Paul W. Paasch AP3271465

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

October 20, 2017 N3103E Piper PA44-180 S/N 4496188 TTAF 3209.8

1. Installed new main landing gear tires and tubes 6.00 x 6, 8 ply.
2. Installed new brake discs PN RA164-21600.
3. Installed new RH cowl flap lever detent plate. PN 96453-001
4. Reference McAir Work Order #1944.

This aircraft is airworthy and approved for return to service for the work performed.

Paul W. Paasch
Paul W. Paasch AP3271465

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McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
April 21, 2017 N3103E Piper PA44-180 S/N 4496188 TTAF 3109.8

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1. Replaced all brake linings, PN RA66-62. Resealed both brake bellipers with o rings PN MS28775-222. Bled brake system.

This aircraft is airworthy and approved for return to service for the work performed.


Calvin Davis AP/IA 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
May 5, 2017 N3103E Piper PA44-180 S/N 4496188 TTAF 3110.7

1. Complied with **Annual inspection** IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. C/W **AD 4-25-16** Heater Fuel Shutoff Valve, next due 3210.7 or May 2018.
3. ELT inspected IAW FAR 91.207(d), battery replace due Nov 2018.
4. Inspected fire extinguisher, weight 23 oz.
5. Serviced all tire pressures.
6. Replaced instrument air filter, PN RAD9-18-1 and vacuum regulator filters, PN RAB3-5-1.
7. Serviced all wheel bearings. Replaced bearings and races in nose wheel, PN 08125 and 08231.
8. Lubricated airframe.
9. Serviced all fuel strainer, fuel pump, and carb inlet screens. Strainers reassembled with seal kit PN FSP-KT-1.
10. Replaced nose tire and tube, 5.00-5 6 ply
11. Both Garmin GNS 450 units removed for repairs by Freedom Avionics. #1 radio repaired by Garmin. #2 radio memory battery replaced by Freedom Avionics. Reference Freedom Avionics WO#18698.
12. Checked AD compliance thru this date. For a complete AD list, see aircraft permanent records.
13. Reference McAir Work Order #1759.

This aircraft is airworthy and approved for return to service for the work performed.

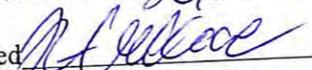

Calvin Davis AP/IA 3300737

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Performed Altimeter, Encoder, Transponder
Certifications as per attached form. N 3103E

The Altimeter and Static System tests required by FAA 91.411 have been performed. The Altimeter has been tested to 20,000 ft.

Signed 

Date: 6-19-17

FAA Approved Repair Station No. FDBR221K
Freedom Avionics Company
Rocky Mountain Metropolitan Airport
Broomfield, CO 80021

ATC transponder tests & inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.

Make Garmin Model GTX 330ES

S/N: 84110609

Details on file under Work Order No. 14726

Date 6-19-17 Signature 
Freedom Avionics Company CRS No. FDBR221K
Rocky Mountain Metropolitan Airport
Broomfield, CO 80021

YEAR
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DATE

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

November 2, 2016 N3103E Piper PA44-180 S/N 4496188 TTAF 2988.2

1. Replaced right recognition light bulb, PN 01-0770110-04.
2. Reference McAir Work Order #1616.

This Aircraft is approved for return to service for the work performed.

Calvin Davis

Calvin Davis AP/IA 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

December 21, 2016 N3103E Piper PA44-180 S/N 4496188 TTAF 2999.3

1. Serviced all tire pressures.
2. Serviced main struts nitrogen charge.
3. Serviced brake fluid reservoir.
4. Replaced right tire and tube, 6.00-6 8 ply.
5. Replaced right landing light bulb, PN GE4509.
6. Checked AD compliance thru this date. For a complete AD list, see aircraft permanent records.
7. Reference McAir Work Order #1648.

This aircraft is airworthy and approved for return to service for the work performed.

Calvin Davis

Calvin Davis AP/IA 3300737

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McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

January 26, 2017 N3103E Piper PA44-180 S/N 4496188 TTAF 3033.5

1. Complied with 16011R Inspection IAW FAR Part 43, Appendix D and the Piper Seminote MM
2. C/W AD 4-25-16 Heater Fuel Shutoff Valve.
3. C/W SB1242 Rudder Bar Inspection.
4. ELT inspected IAW FAR 91.207(d), battery replace due Nov 2018.
5. Inspected fire extinguisher, weight 27 oz.
6. Serviced all tire pressures.
7. Replaced vacuum regulator filters PN RAB3-5-1.
8. Checked AD compliance thru this date. For a complete AD list, see aircraft permanent records.
9. Reference McAir Work Order #1675.

This aircraft is airworthy and approved for return to service for the work performed.

Calvin Davis

Calvin Davis AP/IA 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

February 17, 2017 N3103E Piper PA44-180 S/N 4496188 TTAF 3047.9

1. Installed Whelen LED landing light bulbs, PN P36P1L. Bulb approved for aircraft make and model by STC and PMA.

This aircraft is airworthy and approved for return to service for the work performed.

Calvin Davis

Calvin Davis AP/IA 3300737

3/16/17	-	-	3074.2	REPLACED LEFT TIRE, 6.00-6 8PLY, <i>Calvin Davis</i> AP/IA 3300737
NO ENTRY				

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McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
 April 20, 2016 N3103E Piper PA44-180 S/N 4496188 TTAF 2845.3

1. Complied with **Annual inspection** IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. C/W **AD 4-25-16** Heater Fuel Shutoff Valve.
3. C/W **SB1242** Rudder Bar Inspection.
4. C/W **SB1156** Nose Gear Drag Link Bolt Inspection. Replaced bolt, PN NAS464P4-27.
5. ELT inspected IAW FAR 91.207(d), battery replace due Nov 2018.
6. Inspected fire extinguisher, weight 24 oz.
7. Serviced all tire pressures.
8. Replaced instrument air filter, PN RAD9-18-1 and vacuum regulator filters PN RAB3-5-1.
9. Resealed both main gear actuators. Serviced hydraulic system and performed landing gear operational check.
10. Lubricated airframe.
11. Serviced both fuel strainers and both fuel pump screens.
12. Removed both pilot seats. Seats reupholstered by C & C Interiors. Reinstalled seats.
13. Serviced all wheel bearings. Replaced bearings and races in nose wheel. PN 08125 and 08231.
14. Replaced nose tire and tube, 5.00-5 6 ply.
15. Both engines replaced with overhauled units. See engine logs for details.
16. Checked AD compliance thru this date. For a complete AD list, see aircraft permanent records.
17. Work documented under McAir Work Order #1382.

This aircraft is airworthy and approved for return to service for the work performed.

Calvin Davis AP/IA 3300737

7/22/16	2913.0	REMOVED RIGHT FUEL QUANTITY SENDING UNIT, REMOVED F.O.D. FROM FUEL CELL. INSTALLED RIGHT FUEL QUANTITY SENDER, APPROVED FOR RETURN SERVICE.	AP/IA 3300737
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McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
 September 9, 2016 N3103E Piper PA44-180 S/N 4496188 TTAF 2938.9

YEAR
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1. Complied with **100HR Inspection** IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. C/W **AD 4-25-16** Heater Fuel Shutoff Valve.
3. C/W **SB1242** Rudder Bar Inspection.
4. ELT inspected IAW FAR 91.207(d), battery replace due Nov 2018.
5. Inspected fire extinguisher, weight 24 oz.
6. Serviced all tire pressures.
7. Replaced vacuum regulator filters PN RAB3-5-1.
8. Replaced all brake linings. PN RA66-62.
9. Checked AD compliance thru this date. For a complete AD list, see aircraft permanent records.
10. Reference McAir Work Order #1561.

This aircraft is airworthy and approved for return to service for the work performed.

Calvin Davis AP/IA 3300737

10/31/16	REPLACED LEFT LANDING LIGHT BULB, PN: 4509.	AP/IA 3300737
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McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
 November 2, 2016 N3103E Piper PA44-180 S/N 4496188 TTAF 2987.4

- i. Recognition Lights disabled and placarded INOPERATIVE in accordance with FAR 91.213(d) and FAR 43.11(b). The aircraft owner has been notified.

This Aircraft is approved for return to service for the work performed.

Calvin Davis AP/IA 3300737

Aircraft Record General Information

Manufacturer PIPER Model PA-44-180

Serial 4496188 Registration Number N3103E

Date of Manufacture 2004

Engine(s) currently installed:

Manufacturer LYCOMING Model O-360-A1H6 Serial _____

Manufacturer LYCOMING Model LO-360-A1H6 Serial _____

Propeller(s) currently installed:

Manufacturer HARTZELL Model _____

HUB Model _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

Blade Model _____ Serial _____ Serial _____ Serial _____

AIRCRAFT LOG



N3103E

Book 1

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

December 17, 2015 N3103E Piper PA44-180 S/N 4496188 TTAF 2842

Do

1. Replaced heater combustion airflow switch, PN CD22550.
2. Serviced heater spark plug.
3. Enabled cabin heater. Heater Hours: 368.8
4. Reference McAir Work Order #1359.

nance

This aircraft is approved for return to service for the work performed.

Calvin Davis
Calvin Davis AP/IA 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

January 7, 2016 N3103E Piper PA44-180 S/N 4496188 TTAF 2844.3

1. C/W AD2015-26-08 Emergency Gear Extension Cable Inspection. Found routing of cable to be acceptable.
2. Repaired faulty ground wire on cabin heater combustion air blower motor.
3. Reference McAir Work Order #1363.

This aircraft is approved for return to service for the work performed.

Calvin Davis
Calvin Davis AP/IA 3300737

Total To
Carry Forward

Registration No. _____

and Remarks

Signature

Certificate No.

BOOK #1 CLOSED

TACH: 2845.3

APRIL 20, 2016

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

July 8, 2015 N3103E Piper PA44-180 S/N 4496188 TTAF 2716.3

Date

1. Replaced right tire and tube, 6.00 - 6. 8 ply.
2. Replaced seat height adjust cylinder in pilot seat, PN 10-0324.
3. Reference McAir Work Order #1226.

This aircraft is approved for return to service for the work performed.


Calvin Davis A&P 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

July 28, 2015 N3103E Piper PA44-180 S/N 4496188 TTAF 2728

1. Replaced left recognition light, PN 01-0770110-04.
2. Repaired wiring for left and right landing light system.
3. Replaced left tachometer sensor, PN 598-881.
4. Reference McAir Work Order #1242.

This aircraft is approved for return to service for the work performed.


Calvin Davis AP/IA 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

September 9, 2015 N3103E Piper PA44-180 S/N 4496188 TTAF 2759.6

1. Complied with **100HR Inspection** IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. C/W **AD 4-25-16** Heater Fuel Shutoff Valve, next due at 2859 or September 2016.
3. C/W **SB1242** Rudder Bar Inspection. No discrepancies noted, next due at 2859.
4. ELT tested IAW FAR 91.207(d), battery replace due April 2016.
5. Inspected fire bottle, weight 24 oz.
6. Serviced all tire pressures.
7. Replaced vacuum regulator filters, PN RAB3-5-1.

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8. Replaced latch on left oil door, PN KM610-32.
9. Replaced latch on left fuel door, PN KM610-32.
10. Secured loose carpet on copilot floor.
11. Replaced all brake linings, PN RA66-62.
12. Checked AD compliance thru this date. For a complete AD list, see aircraft permanent records.
13. Reference McAir Work Order #1286.

I certify that this aircraft is in an airworthy condition as of this date and is approved for return to service for the work performed.


Calvin Davis AP/IA 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

October 26, 2015 N3103E Piper PA44-180 S/N 4496188 TTAF 2801.5

1. Replaced left engine vacuum pump, PN 215CC SN 166386.
2. Replaced #3 exhaust riser on left engine, PN 86202-06.
3. Reference McAir Work Order #1316.

This aircraft is approved for return to service for the work performed.


Calvin Davis AP/IA 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

December 2, 2015 N3103E Piper PA44-180 S/N 4496188 TTAF 2837

1. Replaced right recognition light, PN 01-0770110-04.
2. Replaced left tire and tube, 6.00 - 6. 8 ply.
3. Disabled cabin heater.
4. Replaced all brake linings, PN RA66-62.
5. Reference McAir Work Order #1347.

This aircraft is approved for return to service for the work performed.


Calvin Davis AP/IA 3300737

e No.

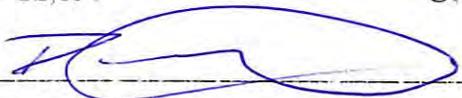
AIRCRAFT LOG

86263-003. Rigged nose gear. Performed multiple retraction and extension cycles to landing gear system. Performed emergency gear extension. Checked throttle operated warning horn. Reassembled aircraft: Reinstalled nose cone. Replaced nose landing light lens pn 86926-002. Placarded heater inop. Repainted repairs as required: Repainted nose section, nose gear assembly, and nose gear doors with Dupont White # CG2113IB, Dark Hunt Red Metallic # G37051B, Gold Metallic # G80701B, and Silver Metallic # N80751B.

This aircraft was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Except as stated above, no other work, inspection, corrective action or determination of airworthiness has been completed at this time, limited to work performed.

Permanent details on file at Beegles Aircraft Service, Inc., Greeley, CO.
Work Order # 12,039 CRS# BX4R092M

Signed 

PART	3	OF	3, END.	
Total To Carry Forward				

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

June 19, 2014 N3103E Piper PA44-180 S/N 4496188 TTAF 2591.5

1. Replaced left gear indicator light bulb with new PN 330.
2. Reference McAir Work Order #918.

This aircraft is approved for return to service for the work performed.


Calvin Davis A&P 3300737

ertificate No.

JULY 1 2014 TACH: 2595.1

INSTALLED NEW ELT BATTERY, PIN: 110-4.

NEXT REPLACEMENT DUE APRIL 2016. ELT

INSPECTED IAW FAR 91.207(d).

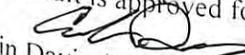
 AP 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

November 26, 2014 N3103E Piper PA44-180 S/N 4496188 TTAF 2637.1

1. Replaced brushes in cabin heater (combustion blower and ventilating blower) with new PN 758-679. Heater Hobbs: 361.4
2. Replaced right engine starter with new, SkyTec PN 149-NLR SN FNR-311414. Installed starter cable extension kit, PN BCE-6.
3. Replaced both landing light bulbs with new, PN 4509.
4. Reference McAir Work Order #1067.

This aircraft is approved for return to service for the work performed.


Calvin Davis A&P 3300737

AIRCRAFT LOG



GREELEY, CO
REPAIR STATION BX4R092M
(970) 353-9200

06-02-2014 Hobbs 3606.40 N3103E sn 4496188

TACH: 2588.7

Disassembled aircraft: Removed nose cone assembly, LH & RH nose gear doors, nose gear assembly, and power pack assembly. Repaired fuselage: Replaced forward bulkhead pn 86301-000 at Station 5.15. Replaced LH nose cone channel pn 86443-002 at Stations 26.00 to 46.00. Replaced LH nose cone doubler pn 86446-034 at Stations 5.15 to 15.00. Replaced LH nose cone stringer pn 149-140 at Stations 16.00 to 45.00. Replaced RH nose cone doubler pn 86446-032 at Stations 5.15 to 15.00. Replaced LH nose cone skin pn 86446-004 at Stations 5.15 to 44.50. Replaced RH nose cone skin pn 86446-040 at Stations 5.15 to 44.50. Replaced upper nose cone skin pn 86446-006 at Stations 26.00 to 48.00. Replaced nose cone hinge half pn

PART 1 OF 3, CONTINUED →

Total To Carry Forward			
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Registration No. _____

and Remarks	Signature	Certificate No.

86301-007 and pin pn 86446-014. Replaced battery vent assembly pn 63947-000 at Station 8.50. Replaced LH & RH bulbs pn GE4509. Repaired nose cone assembly: Repaired nose cone fiberglass. Repaired landing gear: Disassembled, cleaned, and inspected nose gear assembly. Replaced nose gear upper trunnion pn 67054-003. Replaced nose gear steering arm pn 44386-803. Replaced nose gear steering arm spring pn 67168-000. Installed nose gear steering bushings pn 95061-188 and 95061-189. Installed nose gear steering bearings pn 95061-187. Reassembled nose gear assembly with new seals and o rings pn 484-790, 462-024, 484-799, 462-034, and 187-630. Reassembled nose gear with new attach hardware. Serviced nose gear with Mil-H-5606 hydraulic fluid and nitrogen charge. Replaced nose gear drag brace attach hardware. Replaced nose gear placards pn 35669-093, 35669-008, and 35669-005. Installed Power pack pn 636294 sn 38998-005 and pump pn 108AV19SPALIVT sn 20419DW after overhaul from Oil Dyne Hydraulic Power Pack CRS # TA2R180L WO# 20419. Replaced emergency gear extension valve pn 492-303. Serviced hydraulic system with Mil-H-5606 hydraulic fluid. Replaced LH nose gear door pn 36263-002. Replaced RH nose gear door pn

PART 2 OF 3, CONTINUED →

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AIRCRAFT LOG

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
 February 27, 2014 **N3103E** Piper PA44-180 S/N 4496188 TTAF 2581.1

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
JAN 7, 2014	Brought Forward →	—	2571.5	REPLACED GROMMET & DOWEL IN LEFT CARB HEAT BOX. VIN: N35489-41 453-991

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

January 15, 2014 **N3103E** Piper PA44-180 S/N 4496188 TTAF 2573.7

1. Replaced left landing light bulb with new PN 4509.
2. Reference McAir Work Order #821.

This aircraft is approved for return to service for the work performed.

Calvin Davis
 Calvin Davis A&P 3300737

Total To Carry Forward				

1. Complied with Annual inspection IAW FAR Part 43. Appendix D and the Piper Seminole MM.
2. C/W AD 4-25-16 Heater Fuel Shutoff Valve, next due at 2681.1 or Feb 2015.
3. Replaced instrument air filter. PN RAD9-18-1.
4. Serviced all tire pressures.
5. Complete airframe lubrication.
6. Secured loose fitting on right gear door.
7. Serviced aircraft battery.
8. ELT tested IAW FAR 91.207(d). battery replace due June 2014.
9. Inspected fire bottle. weight 25 oz.
10. Cabin entry step repaired, repainted, and reinstalled.
11. Installed self adhesive CO detector to instrument panel. unit expires August 2015.
12. Checked AD compliance thru this date. For a complete AD list. see aircraft permanent records.
13. Work documented under McAir Work Order #840.

ite No.

I certify that this aircraft is in an airworthy condition as of this date and is approved for return to service for the work performed.

Calvin Davis
 Calvin Davis IA 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

March 6, 2014 **N3103E** Piper PA44-180 S/N 4496188 TTAF 2584.0

1. Replaced aircraft battery with new, PN RG35AXC SN: 40635726. Operational check good.
2. Reference McAir Work Order #845.

This aircraft is approved for return to service for the work performed.

Calvin Davis
 Calvin Davis A&P 3300737

AIRCRAFT LOG

Performed Altimeter, Encoder, Transponder and Static System Certifications as per attached form. N 3103E

The Altimeter and Static System tests required by FAA 91.411 have been performed. The Altimeter has been tested to 20,000 ft.

Signed Robert Russell

Date: 29 MAY 2013

FAA Approved Repair Station No. FDBR221K
Freedom Avionics Company
Rocky Mountain Metropolitan Airport
Broomfield, CO 80021

ATC transponder tests & inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.

Make GARMIN Model GTX-330

SN: 84110609

Details on file under Work Order No. 116711

Date 29 MAY 13 Signature Robert Russell
Freedom Avionics Company CRS No. FDBR221K
Rocky Mountain Metropolitan Airport
Broomfield, CO 80021

Registration No.

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
June 22, 2013 N3103E Piper PA44-180 S/N 4496188 TTAF 2504.3

ertificate No.

1. Replaced vacuum pump on right engine with overhauled unit PN 216CW SN 154242.
This aircraft is approved for return to service for the work performed.

Calvin Davis
Calvin Davis A&P 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
November 15, 2013 N3103E Piper PA44-180 S/N 4496188 TTAF 2553.4

1. Complied with **100 HR inspection** IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. Serviced left and right gascolator screens. Replaced gaskets PN 753205 and 751882 in both.
3. C/W **AD 4-25-16** Heater Fuel Shutoff Valve, next due at 2653.4 or Nov 2014.
4. Replaced both vacuum regulator filters with new, PN RAB3-5-1.
5. Serviced all wheel bearings and tire pressures.
6. Replaced all brake linings with new. PN RA66-62. Serviced brake fluid reservoir.
7. Serviced aircraft battery.
8. ELT tested IAW FAR 91.207(d), battery replace due June 2014.
9. Inspected fire bottle, weight 25 oz.
10. Checked AD compliance thru this date. For a complete AD list, see aircraft permanent records.
11. Work documented under McAir Work Order #800.

I certify that this aircraft is in an airworthy condition as of this date and is approved for return to service for the work performed.

Calvin Davis
Calvin Davis IA 3300737

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
MAY 31 2012	Brought Forward →	2367.3	—	REPLACE LANDING LIGHTS WITH NEW PIN: 4509. Calvin Davis A&P 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

July 26, 2012 N3103E Piper PA44-180 S/N 4496188 TTAF 2388.6

1. ELT inspected in accordance with FAR 91.207(d). Battery replacement due June 2014.

Calvin Davis A&P 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

December 11, 2012 N3103E Piper PA44-180 S/N 4496188 TTAF 2410.2

1. Disassembled, cleaned, and reassembled Left oleo strut, installed seal kit PN JMPA34.
2. Disassembled, cleaned, and reassembled Right oleo strut, installed seal kit PN JMPA34.
3. Serviced all oleo struts with nitrogen to proper cylinder exposure.
4. Serviced all tire pressures.

This aircraft is approved for return to service for the work performed.

Calvin Davis A&P 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

January 17, 2013 N3103E Piper PA44-180 S/N 4496188 TTAF 2436.9

1. Replaced brushes in right alternator with used serviceable parts from spare alternator. PN AI.E-1013AS. Electrical operational check good.

This aircraft is approved for return to service for the work performed.

Calvin Davis A&P 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

February 25, 2013 N3103E Piper PA44-180 S/N 4496188 TTAF 2458.4

1. Complied with Annual inspection IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. Serviced left and right gascolator screens. Replaced gaskets PN 753205 and 751882 in both.
3. Serviced left and right boost pump screens.
4. C/W AD 4-25-16 Heater Fuel Shutoff Valve, next due at 2558.4 or Feb 2014.
5. Replaced left recognition light with new, PN 01-0770110-04.
6. Replaced both vacuum regulator filters with new, PN RAB3-5-1.
7. Replaced instrument air filter, PN RAD9-18-1.
8. Replaced missing locknut on left rear headphone jack.
9. Replaced nose tire and tube with new, 5.00-5 6 ply. Serviced all tire pressures.
10. Serviced main wheel bearings. Nose wheel bearings replaced with new, PN 08231 and 08125.
11. Nose strut resealed with kit PN JMPA34.
12. Re-rigged landing gear warning micro switches in throttle quadrant.
13. Serviced hydraulic pump reservoir with MIL PRF 5606 fluid.
14. Serviced aircraft battery.
15. ELT tested IAW FAR 91.207(d), battery replace due June 2014.
16. Inspected fire bottle, weight 25 oz.
17. Checked AD compliance thru this date. For a complete AD list, see aircraft permanent records.
18. Work documented under McAir Work Order #663.

I certify that this aircraft is in an airworthy condition as of this date and is approved for return to service for the work performed.

Calvin Davis IA 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
 December 20, 2011 N3103E Piper PA44-180 S/N 4496188 TTAF 2268.6

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
 May 3, 2012 N3103E Piper PA44-180 S/N 4496188 TTAF 2361.0

1. Complied with 100HR inspection IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. C/W AD 4-25-16 Heater Fuel Shutoff Valve, next due at 2368.6 or Dec 2012.
3. Replaced aircraft battery with new, PN G-25.

1. Complied with Annual inspection IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. C/W AD 4-25-16 Heater Fuel Shutoff Valve, next due at 2461.0 or May 2013.
3. C/W AD 04-21-05 Combustion Heater Inspection. Heater Hobbs: 344.0. AD next due at Heater Hobbs 444.0 or May 2014.
4. C/W SL1087 Aft wing attach bolt inspection. Next due at 2461.0
5. Secured pad to pilot side right rudder pedal.
6. Replaced right recognition light with new, PN 01-0770110-04.
7. Replaced both vacuum regulator filters with new, PN RAB3-5-1.
8. Serviced aircraft battery.
9. Replaced ELT battery with new PN 452 0130. ELT tested IAW FAR 91.207(d), battery replace due June 2014.
10. Inspected fire bottle, weight 24.5 oz.
11. Replaced both main tires with new. 6.00-6, 8 ply tires and 6.00-6 inner tubes.
12. Replaced all brake linings with new, PN 066-06200.
13. Checked AD compliance thru this date. For a complete AD list, see aircraft permanent records.

I certify that this aircraft is in an airworthy condition on this date and is approved for return to service for the work that I have performed.

I certify that this aircraft is in an airworthy condition on this date and is approved for return to service for the work that I have performed.

Calvin Davis
 Calvin Davis IA 3300737

Calvin Davis
 Calvin Davis IA 3300737

JAN 6 2012	2283.2	—	—	REPLACE ELT ANTENNA WITH USED SERVICEABLE UNIT.
—	—	—	—	CP CHECK GOOD. CALVIN DAVIS AP3300737 <i>Calvin Davis</i>

MAY 15, 2012	TT: 2363.8	N3103E		
REPLACE LEVEL PIN: 96453-001 ON RIGHT				
COWL FLAP CONTROL CP CHECK GOOD				<i>Calvin Davis</i>
				AP3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021
 January 25, 2012 N3103E Piper PA44-180 S/N 4496188 TTAF 2318.1

1. Replaced both landing light bulbs with new, PN 4509.
2. Replaced white nav light in right wing tip with new, PN 3Y-34-04120-70-63.

This aircraft is approved for return to service for the work performed.

Calvin Davis
 Calvin Davis A&P3300737

Total To Carry Forward				
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McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

July 26, 2011 N3103E Piper PA44-180 S/N 4496188 TTAF 2173.7

1. Complied with 100HR inspection IAW FAR Part 43, Appendix D and the Piper Seminole MM.
2. Inspected ELT IAW FAR 91.207 (d), battery replacement due July 2012.
3. C/W AD 4-25-16 Heater Fuel Shutoff Valve, next due at 2273.7 or July 2012.
4. Replaced left landing light bulb with new PN 4509.
5. Repaired revenue hobbs wiring.

I certify that this aircraft is in an airworthy condition on this date and is approved for return to service for the work that I have performed.

Calvin Davis
Calvin Davis IA 3300737

McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021

July 29, 2011 N3103E Piper PA44-180 S/N 4496188 TTAF 2174.4

1. Replaced left and right brake rotors with new PN 164-21600.
2. Replaced left and right brake linings with new PN RA66-62.
3. Replaced nose main tire and tube with new 5.00x5, 6 ply tire and 5.00x5 tube.
4. Serviced all wheel bearings.

This aircraft is approved for return to service for the work that I have performed.

Calvin Davis
Calvin Davis A&P 3300737

Total To Carry Forward							
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Registration No. _____

and Remarks	Signature	Certificate No.
9-16-2011 REPLACED RIGHT RECOGNITION LIGHT WITH NEW, PIN: A77514.	<i>Calvin Davis</i>	3300737
<p>McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021 November 23, 2011 N3103E Piper PA44-180 S/N 4496188 TTAF 2245.7</p> <ol style="list-style-type: none"> 1. Bled left and right brake systems. Operational check good. 2. Replaced left and right landing light bulbs with new PN 4509. Operational check good. <p>This aircraft is approved for return to service for the work that I have performed.</p> <p><i>Calvin Davis</i> Calvin Davis A&P 3300737</p>		
<p>McAir Aviation 10128 Airport Court Unit B Broomfield, CO 80021 December 8, 2011 N3103E Piper PA44-180 S/N 4496188 TTAF 2253.4</p> <ol style="list-style-type: none"> 1. Installed master cylinder overhaul kit PN 199-512 in all 4 brake master cylinder assemblies. 2. Bled left and right brake systems. Operational check good. <p>This aircraft is approved for return to service for the work that I have performed.</p> <p><i>Calvin Davis</i> Calvin Davis A&P 3300737</p>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
8/16/10		1883.0		Renov and replaced Both landing lights (4509) with new bulbs. Operational check satisfactory. Aircraft is approved for return to service for work performed. <i>BF</i> 3115494
9/12/10		1889.4		Renov and replaced L/H landing light (4509) with new bulb. Operational check satisfactory. Aircraft is approved for return to service for work performed. <i>BF</i> 3115494

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021
 October 15, 2010 N3103E Piper PA44-180 S/N 4496188 TAF 1955.2
 Removed and replaced the R/E FWD exhaust muffler with a repaired unit. Operational check satisfactory. This Aircraft is approved for return to service for the above work accomplished.
BF
 Brian Ford AP3115494

Total To Carry Forward				
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Pro Flite LLC 10128 Unit B Broomfield CO. 80021
 November 12, 2010 N3103E Piper PA44-180 S/N 4496188 ACFTT 1976.9 Heater Hobbs 291.0
 Performed 100 Hr. inspection of the Aircraft in accordance with the inspection check list outlined in FAR Part 43, Appendix D and have determined it to be in an airworthy condition on this date. The following items were inspected and /or repaired during this inspection: **ELT inspected** in accordance with FAR Part 91.207 (d), **ELT battery due July 2012**. Performed a 5 second sweep of ELT. C/W AD 04-25-16 by visual inspection of the combustion heater shutoff valve. (next due Maint. Hobbs 2076.9 or November 2011). C/W SL1087 by checking torque of aft wing attach bolts. (next due at maint. Hobbs 2076.9). Removed and replaced both main tires (p/n 06-07910) and L/H tube(p/n 600x6) with new tires and tube. Removed and replaced both engine air filter elements (BA-10) next due at maint. 2176.9. This Aircraft is approved for return to service for the above work accomplished.

BF
 Brian Ford AP3115494

11/15/10 maint Hobbs 1981.3 hours. Renov and replaced both landing light bulbs (4509) with new bulbs. Operational check satisfactory. Aircraft is approved for return to service only for work performed. *BF* Brian Ford AP3115494

Pro Flite LLC 10128 Unit B Broomfield CO. 80021

June 18, 2010 N3103E Piper PA44-180 S/N 4496188 ACFTT 1778.1 Heater Hobbs 288.2
Performed **100 Hr. inspection** of the **Aircraft** in accordance with the inspection check list outlined in FAR Part 43, Appendix D and have determined it to be in an airworthy condition on this date. The following items were inspected and /or repaired during this inspection: **ELT inspected** in accordance with FAR Part 91.207 (d), **ELT battery due. December 2010.** Performed a 5 second sweep of ELT. C/W **AD 04-25-16** by visual inspection of the combustion heater shutoff valve. (next due Maint. Hobbs 1878.1 or June 2011). C/W **SL1087** by checking torque of aft wing attach bolts. (next due at maint. Hobbs 1878.1). Removed and **replaced L/H and R/H induction air filter elements (BA-10).** (next due Maint. Hobbs 1978.1 or June 2011). Removed and **replaced outer grease ring on L/H main wheel (153-01500)** with a new ring. This **Aircraft** is approved for return to service for the above work accomplished.


Brian Ford AP3115494

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021

July 26, 2010 N3103E Piper PA44-180 S/N 4496188 TTAF 1802.5
Removed and **replaced the nose tire and tube (AirTrac 500-5)** with a new tire and tube. Operational check satisfactory. This **Aircraft** is approved for return to service for the above work accomplished.


Brian Ford AP3115494

8/4/10		1815.5	Removed and replaced L/H landing light bulb (4509) with a new bulb. ops check satisfactory, Return to service.  3115494
Total To Carry Forward			

Registration No. _____

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021

August 13, 2010 N3103E Piper PA44-180 S/N 4496188 TTAF 1829.7
Removed and **replaced the R/H landing light bulb, (4509)** with a new bulb. Operational check satisfactory. This **Aircraft** is approved for return to service for the above work accomplished.


Brian Ford AP3115494

Pro Flite LLC 10128 Unit B Broomfield CO. 80021

September 13, 2010 N3103E Piper PA44-180 S/N 4496188 ACFTT 1877.2 Heater Hobbs 289.2
Performed **100 Hr. inspection** of the **Aircraft** in accordance with the inspection check list outlined in FAR Part 43, Appendix D and have determined it to be in an airworthy condition on this date. The following items were inspected and /or repaired during this inspection: **ELT inspected** in accordance with FAR Part 91.207 (d), **ELT battery due. ~~December 2010~~ ^{June 2012}**. Performed a 5 second sweep of ELT. C/W **AD 04-25-16** by visual inspection of the combustion heater shutoff valve. (next due Maint. Hobbs 1977.2 or September 2011). C/W **SL1087** by checking torque of aft wing attach bolts. (next due at maint. Hobbs 1977.2). C/W **AD 2010-15-10** by visual inspection of the control wheel shaft u-joints, proper installation noted. . **Repacked all wheel bearings** with Mobil 28 grease This **Aircraft** is approved for return to service for the above work accomplished.


Brian Ford AP3115494

AIRCRAFT LOG

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021

April 15, 2010 **N3103E** Piper PA44-180 S/N 4496188 TTAF 1727.5

Removed and replaced the **R/H main tube**, (600x6) with a new tire. Operational check satisfactory. This Aircraft is approved for return to service for the above work accomplished.

B
Brian Ford AP3115494

4/19/10	1735.0	Renewed and replaced Right landing light (4509) with a new bulb. Operational check satisfactory. Return to service <i>(B)</i> Brian Ford AP3115494

Total To Carry Forward		

Performed Altimeter, Encoder, Transponder and Static System Certifications as per attached form. N 3103E

The Altimeter and Static System tests required by FAA 91.411 have been performed. The Altimeter has been tested to 20,000 ft.

Signed *Robert Lowell*

Date: 25 MAY 10

FAA Approved Repair Station No. FDBR221K
Freedom Avionics Company
Rocky Mountain Metropolitan Airport
Broomfield, CO 80021

ATC transponder test & inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.

Make GARMIN Model GTX-330

S/N: 84110609

Details on file under Work Order No. 15627

Date 25 MAY 10 Signature *Robert Lowell*
Freedom Avionics Company CRS No. FDBR221K
Rocky Mountain Metropolitan Airport
Broomfield, CO 80021

cate No.

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021

July 29, 2009 N3103E Piper PA44-180 S/N 4496188 TTAF 1503.0

Removed and replaced the turn coordinator, (548-190) with a new turn coordinator. Operational check satisfactory. This Aircraft is approved for return to service for the above work accomplished.


Russell Moon IA2745334

9/25/09		1638.8	Removed + Replaced left landing light with a new bulb (4509) Operational check satisfactory. Return to service, 315494 315494

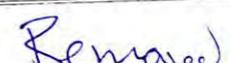
Pro Flite LLC 10128 Unit B Broomfield CO. 80021

March 04, 2010 N3103E Piper PA44-180 S/N 4496188 ACFTT 1681.7 Heater Hobbs 277.9

Performed an Annual inspection of the Aircraft in accordance with the inspection check list outlined in FAR Part 43, Appendix D and have determined it to be in an airworthy condition on this date. The following items were inspected and /or repaired during this inspection: **ELT inspected** in accordance with FAR Part 91.207 (d), **ELT battery due. December 2010.** Performed a 5 second sweep of ELT. C/W AD 04-25-16 by visual inspection of the combustion heater shutoff valve. (next due Maint. Hobbs 1781.7 or March 2011) C/W SB1161 part 2 (b) rib assy. Inspection. (next due at maint. Hobbs 1781.7.). C/W SL1087 by checking torque of aft wing attach bolts. (next due at maint. Hobbs 1781.7). This Aircraft is approved for return to service for the above work accomplished.


Russell Moon IA2745334

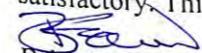
Registration No. _____

and Remarks	Signature	Certificate No.
3/30/10 1703.2		Removed and Replaced both Landing lights (4509) with New bulbs. Operational check satisfactory. Return to service, 315494 315494

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021

April 8, 2010 N3103E Piper PA44-180 S/N 4496188 TTAF 1721.3.

Removed and replaced the R/H nacelle fuel door latch, (472-017) with a new latch. Operational check satisfactory. This Aircraft is approved for return to service for the above work accomplished.


Brian Ford AP3115494

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021

April 14, 2010 N3103E Piper PA44-180 S/N 4496188 TTAF 1725.6

Removed and replaced the L/H main tire, (600x6) with a new tire. Operational check satisfactory. This Aircraft is approved for return to service for the above work accomplished.


Brian Ford AP3115494

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
4-6-09	Brought Forward →	1476.4		Removed and Replaced the left landing light. Operational check satisfactory. Return to service. Russell Moon IA2745334

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021
 April 13, 2009 N3103E Piper PA44-180 S/N 4496188 TTAF 1503.0
 Removed and replaced the nose gear tire, (072-312-0) and tube, (06-08300) with a new tire and tube.
 This Aircraft is approved for return to service for the above work accomplished.

Russell Moon IA2745334



11915 Airport Way, Suite 1, Broomfield, CO 80021 303-466-3771
 Date: 4-14-09 Aircraft Reg 3103E Hobbs: 1509.3

Adjusted stabilator trim tab cable tension and safited turnbuckle. All work done in accordance with Piper PA 44-180 maintenance manual. This aircraft is approved for return to service for the above accomplished work. ---END---

Timothy Medford AP2832738

Registration No. _____

and Remarks	Signature	Certificate No.
4-22-09 AFTT 1513.3 - Removal and Replaced the left and Right landing lights. Operational check good. Return to service.	Russell Moon IA2745334	

Pro Flite LLC 10128 Unit B Broomfield CO. 80021
 June 12, 2009 N3103E Piper PA44-180 S/N 4496188 ACFTT 1582.1 Heater Hobbs 257.6
 Performed an **Annual inspection** of the Aircraft in accordance with the inspection check list outlined in FAR Part 43, Appendix D and have determined it to be in an airworthy condition on this date. The following items were inspected and /or repaired during this inspection: **ELT inspected** in accordance with FAR Part 91.207 (d), **ELT battery due, December 2010**. Performed a 5 second sweep of ELT. C/W AD 04-25-16 by visual inspection of the combustion heater shutoff valve. (next due Maint. Hobbs 1682.1 or June 2010) C/W SB1161 part 2 (b) rib assy. Inspection. (next due at maint. Hobbs 1682.1). C/W SL1087 by checking torque of aft wing attach bolts. (next due at maint. Hobbs 1682.1). **Replaced the left and right landing light bulbs, (4509) with new bulbs. Removed and replaced the right main tire, (072-314-0) with a new tire. Re-packed right main gear wheel bearings with Mobil 28 grease. Replaced the left and right main gear brake linings, (RA66-62) with new linings. Installed new o-rings in the left and right brake calipers, and bled brakes as necessary. This Aircraft is approved for return to service for the above work accomplished.**

Russell Moon

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
7-14-08	Brought Forward →	1323.1		Repaired and Replaced the left landing light (4509) with a new bulb. operational check sat. satisfactory. Ret: to Service Russell Moon IA2745334
8-25-08		1363.6		REMOVED AND REPLACED THE ELT BATTERY. OPS CHECK GOOD. P/N 452-0130 REPLACE BATTERY DEC 2010 KYLE ISAACS AP 3251245

Pro Flite LLC 10128 Unit B Broomfield CO. 80021

September 25, 2008 N3103E Piper PA44-180 S/N 4496188 TTAF 1387.3 Heater Hobbs 229.0 Performed an **Annual inspection** of the Aircraft in accordance with the inspection check list outlined in FAR Part 43, Appendix D and have determined it to be in an airworthy condition on this date. The following items were inspected and /or repaired during this inspection: **ELT inspected** in accordance with FAR Part 91.207 (d), battery due. December 2010. Performed a 5 second sweep of ELT. C/W AD 04-25-16 by visual inspection of the combustion heater shutoff valve. (next due Maint. Hobbs 1487.3 or September 2009) C/W SB1161 part 2 (b) rib Assy. Inspection. (next due at maint. Hobbs 1487.3). C/W SL1087 by checking torque of aft wing attach bolts. (next due at maint. Hobbs 1487.3). **Removed right landing gear actuator, replaced o-rings, re-installed.** Removed and replaced the low bus voltage monitor. (596-778) with a new monitor. Removed and replaced the left main tire, (072-314-0) and tube, (06-08700) with a new tire and tube. **Re-packed left main gear wheel bearings** with Mobil 28 grease. This Aircraft is approved for return to service for the above work accomplished.

Russell Moon IA2745334

Pro Flite LLC 10128 Unit B Broomfield CO. 80021

October 31, 2008 N3103E Piper PA44-180 S/N 4496188 TTAF 1413.0 Removed and replaced the aircraft battery, (G-35) with a new battery. Replaced the left and right exhaust mufflers, (A86299-008) and exhaust clamps, (A63243-002) with new mufflers and clamps. This Aircraft is approved for return to service for the above work accomplished.

Russell Moon IA2745334

Pro Flite LLC 10128 Unit B Broomfield CO. 80021

March 04, 2009 N3103E Piper PA44-180 S/N 4496188 TTAF 1473.2 C/W Piper Service Letter 1093 dated June 01, 2005 by removal and replacement of the left engine starter electrical contactor. Installed electrical contactor service kit. (767-394) Operational check satisfactory. This Aircraft is approved for return to service for the above work accomplished.

Russell Moon IA2745334

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021

March 25, 2009 N3103E Piper PA44-180 S/N 4496188 TTAF 1485.0 Heater Hobbs 252.3 Performed a **100 Hr. Inspection** of the Aircraft in accordance with the inspection check list outlined in FAR Part 43, Appendix D and have determined it to be in an airworthy condition on this date. The following items were inspected and /or repaired during this inspection: **ELT inspected** in accordance with FAR Part 91.207 (d), battery due, December 2010. Performed a 5 second sweep of ELT. C/W AD 04-25-16 by visual inspection of the combustion heater shutoff valve. (next due Maint. Hobbs/AFTT 1585.0 or March 2010) C/W SL1087 by checking torque of aft wing attach bolts. (next due at maint. Hobbs 1585.0). C/W AD 84-26-02 dated January 29, 1985 by replacement of the left and right engine induction air filter, P/N P19-8281. Air filter due for replacement at AFTT 1985.0 This Aircraft is approved for return to service for the above work accomplished.

Russell Moon IA2745334

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021

April 25, 2008 N3103E Piper PA44-180 S/N 4496188 TTAF 1290.6 Heater Hobbs 228.5

Performed a ~~100%~~ ^{100%} inspection of the Aircraft in accordance with the inspection check list outlined in FAR Part 43, Appendix D and have determined it to be in an airworthy condition on this date. The following items were inspected and /or repaired during this inspection: ELT inspected in accordance with FAR Part 91.207 (d), battery due. August 2008. Performed a 5 second sweep of ELT. C/W AD 04-25-16 by visual inspection of the combustion heater shutoff valve. (next due Maint. Hobbs/AFTT 1390.6 or April 2009) C/W SL1087 by checking torque of aft wing attach bolts. (next due at maint. Hobbs 1390.6). Removed and replaced the left and right main gear brake linings. (RA66-62) with new linings. This Aircraft is approved for return to service for the above work accomplished.

Russell Moon IA2745334

Total To Carry Forward				

Registration No. _____

No. _____

Performed Altimeter, Encoder, Transponder and Static System Certifications as per attached form. N3103E

The Altimeter and Static System tests required by FAA 91.411 have been performed. The Altimeter has been tested to 20,000 ft.

ATC transponder tests & inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.

Signed Russell Moon

Make Carnival Model GTX-330

Date: 07 MAY 08

S/N: 84110609

FAA Approved Repair Station No. FDBR221K
Freedom Avionics Company
Rocky Mountain Metropolitan Airport
Broomfield, CO 80021

Details on file under Work Order No. 17-839
Date 07 MAY 08 Signature Russell Moon
Freedom Avionics Company CRS No. FDBR221K
Rocky Mountain Metropolitan Airport
Broomfield, CO 80021

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021
February 14, 2008 **N3103E** Piper PA44-180 S/N 4496188 Maint. Hobbs/TTAF 1230.9
Removed and **replaced the attitude indicator**, (RCA22-15) with an overhauled attitude indicator.
Operational check satisfactory. This **Aircraft** is approved for return to service for the above work
accomplished.

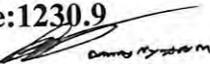

Russell Moon IA2745334

N3103E
GPS Updated

- 1.) The GPS database has been updated per Garmin Pilot's Guide
Appendix A. Operational Check Good.

Date: 02/15/2008

Tach Time: 1230.9

Signature:  **Certificate#3150629**

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021
March 04, 2008 **N3103E** Piper PA44-180 S/N 4496188 Maint. Hobbs/TTAF 1247.4
Installed **seat adjust cable on the left front seat with a new cable**, P/N 554-422. Operational check
satisfactory. This **Aircraft** is approved for return to service for the above work accomplished.


Russell Moon IA2745334

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021
March 18, 2008 **N3103E** Piper PA44-180 S/N 4496188 TTAF 1261.4
Serviced the nose and main oleo struts with nitrogen to proper specifications. **Replaced the left and
right crew seat recline springs**, (487-352) (487-351) with new springs. Operational check satisfactory.
This **Aircraft** is approved for return to service for the above work accomplished.


Russell Moon IA2745334

N3103E
GPS Updated

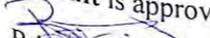
- 1.) The GPS database has been updated per Garmin Pilot's Guide
Appendix A. Operational Check Good.

Date: 03/14/2008

Tach Time: 1258.0

Signature:  **Certificate#3150629**

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021
April 21, 2008 **N3103E** Piper PA44-180 S/N 4496188 Maint. Hobbs/TTAF 1284.4
Removed and replaced **landing light bulb with new bulb**, P/N 4509. Operational check satisfactory. This
Aircraft is approved for return to service for the above work accomplished.


Brian Ford PP3115494

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021
 October 15, 2007 N3103E Piper PA44-180 S/N 4496188 Maint. Hobbs/TTAF 1140.7
 Replaced the right main gear tire (072-314-0) and inner tube (06-08300) with a new tire, and tube.
 Replaced the nose gear tire (072-312-0), and inner tube (06-08300) with a new tire and tube. This
 Aircraft is approved for return to service for the above work accomplished.

Russell Moon IA2745334

10/23/07	ACT 1603.3	Broken R/H Prop control guide is detached and is scheduled for maintenance. Return to service Russell Moon
END		
11/09/07	ACT 1169.3	Removed and replace the Right landing light Bulb (4509) with a new Bulb. operational check satisfactory. Return to service Russell Moon IA2745334
11-26-07		
11-26-07	1183.6	Removed and replaced the left landing light Bulb (4507) with a new Bulb. operational check satisfactory. Return to service Russell Moon IA2745334

N3103E
 GPS Updated

1.) The GPS database has been updated per Garmin Pilot's Guide Appendix A. Operational Check Good.

Total To Carry Forward

Date: 10/22/07

Tach Time: 1609.2

Signature: *[Signature]*

Certificate# *[Signature]* PPL
 21100204

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021
 December 07, 2007 N3103E Piper PA44-180 S/N 4496188 TTAF 1190.9 Heater Hobbs 193.7
 Performed a 100 Hr. Inspection of the Aircraft in accordance with the inspection check list outlined in FAR Part 43, Appendix D and have determined it to be in an airworthy condition on this date. The following items were inspected and /or repaired during this inspection: **ELT inspected** in accordance with FAR Part 91.207 (d), battery due. August 2008. Performed a 5 second sweep of ELT. C/W AD 04-25-16 by visual inspection of the combustion heater shutoff valve. (next due Maint. Hobbs/AFTT 1290.9 or December 2008) C/W SB1161 part 2 (a) and (b) rib assy. Inspection. **Installed the Piper rib flange repair kit**, (767-398) on the right wing in accordance with SB 1161 dated March 8, 2006 and instructions provided with the kit dated April 04, 2005. **SB 1161 rib assembly inspection no longer applies** by installed service kits on the left and right wings. C/W SB1186 dated September 07, 2007 by installing placards on the left and right ailerons. C/W SL1087 by checking torque of aft wing attach bolts. (next due at maint. Hobbs 1290.9). This Aircraft is approved for return to service for the above work accomplished.

Russell Moon IA2745334

N3103E
 GPS Updated

1.) The GPS database has been updated per Garmin Pilot's Guide Appendix A. Operational Check Good.

Date: 12/20/07

Tach Time: 1203.1

Signature: *[Signature]* PPL
 Boeing System

Certificate# 8150624

AIRCRAFT LOG

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021
 July 16, 2007 N3103E Piper PA44-180 S/N 4496188 Maint. Hobbs/TTAF 1072.0
 Removed and replaced right landing light with new light bulb, p/n GE 4509. Operational check satisfactory. This Aircraft is approved for return to service for the above work accomplished.

[Signature]
 Russell Moon IA2745334

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021
 July 27, 2007 N3103E Piper PA44-180 S/N 4496188 Maint. Hobbs/TTAF 1078.9
 Installed seat adjust cable on the right front seat with a new cable, P/N 554-422. Operational check satisfactory. This Aircraft is approved for return to service for the above work accomplished.

[Signature]
 Russell Moon IA2745334

N3103E

GPS Updated

1.) The GPS database has been updated per Garmin Pilot's Guide Appendix A. Operational Check Good.

Date: 08/02/07

Tach Time: 1081.5

Signature: *[Signature]* Luke Gillson **Certificate#** CPL 523594561

Total To Carry Forward

Pro Flite LLC 10128 Unit B Broomfield CO. 80021
 August 22, 2007 N3103E Piper PA44-180 S/N 4496188 Maint. Hobbs/TTAF 1091.2 Heater Hobbs 184.3
 Performed an **Annual inspection** of the Aircraft in accordance with the inspection check list outlined in FAR Part 43, Appendix D and have determined it to be in an airworthy condition on this date. The following items were inspected and /or repaired during this inspection: ELT inspected in accordance with FAR Part 91.207 (d), battery due. August 2008. Performed a 5 second sweep of ELT. C/W AD 04-25-16 by visual inspection of the combustion heater shutoff valve. (next due Maint. Hobbs 1191.2 or August 2008) C/W SB1161 part 2 (b) rib assy. Inspection. (next due at maint. Hobbs 1191.2, next dye-penetrant inspection due at 1197.3). C/W SL1087 by checking torque of aft wing attach bolts. (next due at maint. Hobbs 1191.2). **Re-packed all wheel bearings** with Mobil 28 grease. **Installed all new brake linings** on the left and right main gear, P/N RA66-62. **Installed new cowl mirror** on the right side inboard cowl, P/N 474-365. This Aircraft is approved for return to service for the above work accomplished.

[Signature]
 Russell Moon IA2745334

8-23-07	TACH: 1091.9 REMOVED AND REPLACE LEFT LANDING LIGHT BULB WITH NEW P/N 4509. OPERATIONAL CHECK SATISFACTORY. RETURN TO SERVICE - END	ZACHARY ROCHOLL <i>[Signature]</i>	AP3257112

**N3103E
 GPS Updated**

1.) The GPS database has been updated per Garmin Pilot's Guide Appendix A. Operational Check Good.

Date: 09/01/07

Tach Time: 1097.4

Signature: *[Signature]* Luke Gillson **Certificate#** CPL 523594561

AIRCRAFT LOG

Date	N3103E	Maintenance
	GPS Updated	
	1.) The GPS database has been updated per Garmin Pilot's Guide Appendix A. Operational Check Good.	
	Date: 04/12/07	
	Tach Time: 1006.3	
	Signature: <i>John Luke Gillison</i> Certificate# CPL 523594561	

Pro Flite LLC 10128 Unit B Broomfield CO. 80021
 April 20, 2007 N3103E Piper PA44-180 S/N 4496188 Maint. Hobbs/TTAF 1010.8
 Removed and replaced left main gear tire with new tire, p/n 072-314-0. This Aircraft is approved for return to service for the above work accomplished.

Russell Moon
 Russell Moon IA2745334

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021
 April 30, 2007 N3103E Piper PA44-180 S/N 4496188 Maint. Hobbs/TTAF 1015.4
 Removed and replaced left landing light with new light bulb, p/n GE 4509. Deferred broken panel light until next scheduled maintenance. This Aircraft is approved for return to service for the above work accomplished.

Russell Moon
 Russell Moon IA2745334

Registration No. _____

and Remarks	N3103E	Certificate No.
	GPS Updated	
	1.) The GPS database has been updated per Garmin Pilot's Guide Appendix A. Operational Check Good.	
	Date: 05/14/07	
	Tach Time: 1022.6	
	Signature: <i>John Luke Gillison</i> Certificate# CPL 523-59-4561	
	N3103E	
	GPS Updated	
	1.) The GPS database has been updated per Garmin Pilot's Guide Appendix A. Operational Check Good.	
	Date: 06/09/2007	
	Tach Time: 1048.7	
	Signature: <i>John Luke Gillison</i> Certificate# CPL 523594561	

Pro Flite LLC 10128 Airport Court Unit B Broomfield CO. 80021
 July 05, 2007 N3103E Piper PA44-180 S/N 4496188 Maint. Hobbs/TTAF 1063.4
 Removed and replaced the right front seat height adjustment actuator spring with a new spring, P/N 587-404. Operational check satisfactory. This Aircraft is approved for return to service for the above work accomplished.

Russell Moon
 Russell Moon IA2745334

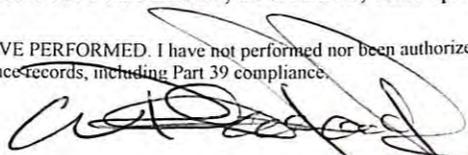
October 30, 2006

N3103E

Maintenance Hobbs: 899.4
Hobbs: 1245.1

- 1. Removed and replaced left landing light with new GE-4509 ops check good.
- 2. Removed and replaced both left and right brake disks and pads with new P/N 164-21600, 066-06200, Run up and burn in good.

My signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK I HAVE PERFORMED. I have not performed nor been authorized to perform any inspection of this aircraft nor have I reviewed or been authorized to review the maintenance records, including Part 39 compliance.



Curt Lee Power
A&P 2882132



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

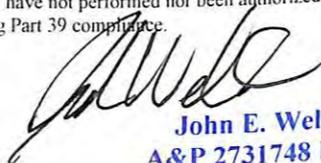
04 January 2007

N3103E
Airframe

Maint. Hobbs: 927.2
Hobbs: 1285.4

- 1. R&R main aircraft battery (G-35, s/n on:G02302965). Ops ck good.

My signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK I HAVE PERFORMED. I have not performed nor been authorized to perform any inspection of this aircraft nor have I reviewed or been authorized to review the maintenance records, including Part 39 compliance.



John E. Welch
A&P 2731748 IA



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

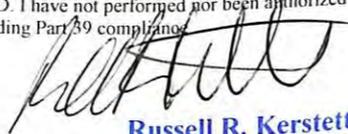
January 16, 2007

N3103E

Maint. Hobbs: ~~1292.8~~
Hobbs: 1292.1

- 1. Saftied emergency window latch.

My signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK I HAVE PERFORMED. I have not performed nor been authorized to perform any inspection of this aircraft nor have I reviewed or been authorized to review the maintenance records, including Part 39 compliance.



Russell R. Kerstetter
A&P 2808255



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

Pro Flite LLC 10128 Unit B Broomfield CO. 80021
February 19, 2007 N3103E Piper PA44-180 S/N 4496188

Maint. Hobbs 947.2

Removed and replaced left landing light with new light bulb. p/n GE 4509 This Aircraft is approved for return to service for the above work accomplished.

Russell Moon IA2745334

Pro Flite LLC 10128 Unit B Broomfield CO. 80021
March 25, 2007 N3103E Piper PA44-180 S/N 4496188

Maint. Hobbs/TTAF 993.8 Heater Hobbs 182.3
Performed 100 Hr. inspection of the Aircraft in accordance with the inspection check list outlined in FAR Part 43, Appendix D and have determined it to be in an airworthy condition on this date. The following items were inspected and /or repaired during this inspection: ELT inspected in accordance with FAR Part 91.207 (d), battery due. August 2008. Performed a 5 second sweep of ELT. C/W AD 04-25-16 by visual inspection of the combustion heater shutoff valve. (next due Maint. Hobbs 1093.8 or March 2008) C/W SB1161 part 2 (b) rib Assy. Inspection. (next due at maint. Hobbs 1093.8, next dye-penetrant inspection due at 1197.3). C/W SL1087 by checking torque of aft wing attach bolts. (next due at maint. Hobbs 1093.8) Removed and replaced left and right engine induction air filter with new filters, p/n 638876. (next replacement at AFT: 1493.8). Removed and replaced right wing tip recognition light with new light, p/n 01-0770110-01. This Aircraft is approved for return to service for the above work accomplished.

Russell Moon IA2745334

July 28, 2006

N3103E

Maint. Hobbs: 823.3

1. Deferred left fuel filler door until next scheduled maintenance, secured as necessary.

My signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK I HAVE PERFORMED. I have not performed nor been authorized to perform any inspection of this aircraft nor have I reviewed or been authorized to review the maintenance records, including Part 39 compliance.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

Russell R. Kerstetter
A&P 2808255

August 2, 2006

N3103E

Maint. Hobbs: 825.3

1. Replaced left fuel door latch assembly (472-017).

My signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK I HAVE PERFORMED. I have not performed nor been authorized to perform any inspection of this aircraft nor have I reviewed or been authorized to review the maintenance records, including Part 39 compliance.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

Russell R. Kerstetter
A&P 2808255

Total To Carry Forward				

October 27, 2006

N3103E

TTAF/Maintenance Hobbs: 895.5

Piper PA44-180, S/N 4496188

Hartzell HC-C2YR-2CEUF, S/N AU12053B

Hartzell HC-C2YR-2CLEUF, S/N AU12049B

Heater Hobbs: 156.4

Flight Hobbs: 1240.1

TTE/TTP(L): 895.5

TTE/TTP(R): 895.5

1. Performed an annual inspection in accordance with 14 CFR 43, Appendix "D" and the Piper Maintenance Manual.

2. Complied with AD2004-25-16 R1 Combustion Heater Shutoff Valve dated June 20, 2005 by visual inspection.

3. AD2006-18-15 Hartzell Prop Hub Crack Inspection dated September 25, 2006 does not apply per presence of letter "B" suffix on left and right prop hub serial numbers.

4. See AD listings for AD compliance.

5. Complied with Piper SB1161 Wing Rib Inspection by visual inspection on right side. Next visual inspection due at 995.5 TTAF, next dye-penetrant inspection due at 1197.3 TTAF.

6. Complied with Piper SL1087 Aft Wing Attach Bolt Torque by checking torque.

7. Inspected ELT in accordance with 14 CFR 91.207. Battery due August 2008.

8. Replaced left and right vacuum relief filters (B3-5-1).

9. Cleaned and lubricated left and right starter bendix.

I certify that this aircraft and propellers have been inspected in accordance with an annual inspection and were found to be in an airworthy condition.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

Richard E. Marcellus
A&P 2882133 IA

AIRCRAFT LOG

Performed Altimeter, Encoder, Transponder and Static System
Certifications as per attached form. N 3103E

The Altimeter and Static System tests required by FAA 91.411 have been performed. The Altimeter has been tested to 20,000 ft.

ATC transponder tests & inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.

Signed [Signature]

Make GARMIN Model GTX-330

Date: 24 MAY 06

S/N: 84110609

FAA Approved Repair Station No. FDBR221K
Freedom Avionics Company
Jeffco Airport
Broomfield, CO 80021

Details on file under Work Order No. 13989
Date 24 MAY 06 Signature [Signature]
Freedom Avionics Company CRS No. FDBR221K
Jeffco Airport
Broomfield, CO 80021

To: Carry Forward

06/05/2006 Airframe Tach: 788.1
3103E Hobbs: 1084.7

and 1.) Replace landing light with new GE4509.
Ops check good.

Signature [Signature]
Gary Hulme

Certificate# 52088857771
Owner

Signature

Certificate No.

June 27, 2006
N3103E
S/N: 4496188
Hours: 796.8



The Municipal Airport
335 Airport Drive
Fort CO 80216

Performed a 100 hour of aircraft iaw FAR 43 appdx D and a checklist. CW AD 2004-25-16 R1 Fuel shut off valve failure by visual inspection, due at 896.8. CW Piper SL1087 wing attach bolt torque by checking torque of aft wing attach bolts, next due at 1946.2 CW Piper SL1087 wing attach bolt torque by checking torque of aft wing attach bolts, next due at 1946.2 CW Piper SB1161 rib assembly inspection on right wing per Par2(a)(b). Par2(a) due every 500 hours, Par2(b) due every 100 hours. Tightened nose gear drag link attach bolt. Repaired broken battery box. Replaced right main tire, 600x6x8PLY. Removed, reseal and reinstall nose gear actuator. Accomplished landing gear retraction test, emergency gear extension, checked operation of squat switch and gear warning systems. Cleaned, inspected and greased all wheel bearings. Checked aircraft lights. Serviced battery and charged. Tested ELT iaw FAR 91.207 (a-d) o.k. Replaced batteries due August 2008. Inspected aircraft exhaust, fuel and oil systems, structure, wings, control systems and overall aircraft condition. A list of AD's may be found in aircraft records. I certify this aircraft has been inspected iaw a 100hr inspection and determined to be in airworthy condition. ----END----

[Signature]
Terrill Shafer
A28602791A

April 15, 2006

N3103E

Tach: 697.3

1. AD2006-06-16 dated April 27, 2006 does not apply per engine serial numbers.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

Russell R. Kerstetter
A&P 2808255

04/14/2006

N3103E

Tach: 697.3

Airframe

Hobbs: 961.1

1.) Removed and Replaced left landing light with new GE 4509. Ops check good.

Signature:
Gary Hulme Certificate # 520888597 PPI
Owner

April 19, 2006

N3103E

Maint. Hobbs: 707.8

1. Calibrated left and right EGT gage.
2. Adjusted left governor.

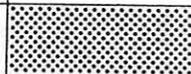
My signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK I HAVE PERFORMED. I have not performed nor been authorized to perform any inspection of this aircraft nor have I reviewed or been authorized to review the maintenance records, including Part 39 compliance.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

Russell R. Kerstetter
A&P 2808255

Total To
Carry Forward



May 18, 2006

N3103E

Maint. Hobbs: 745.4

Airframe

Hobbs: 1031.3

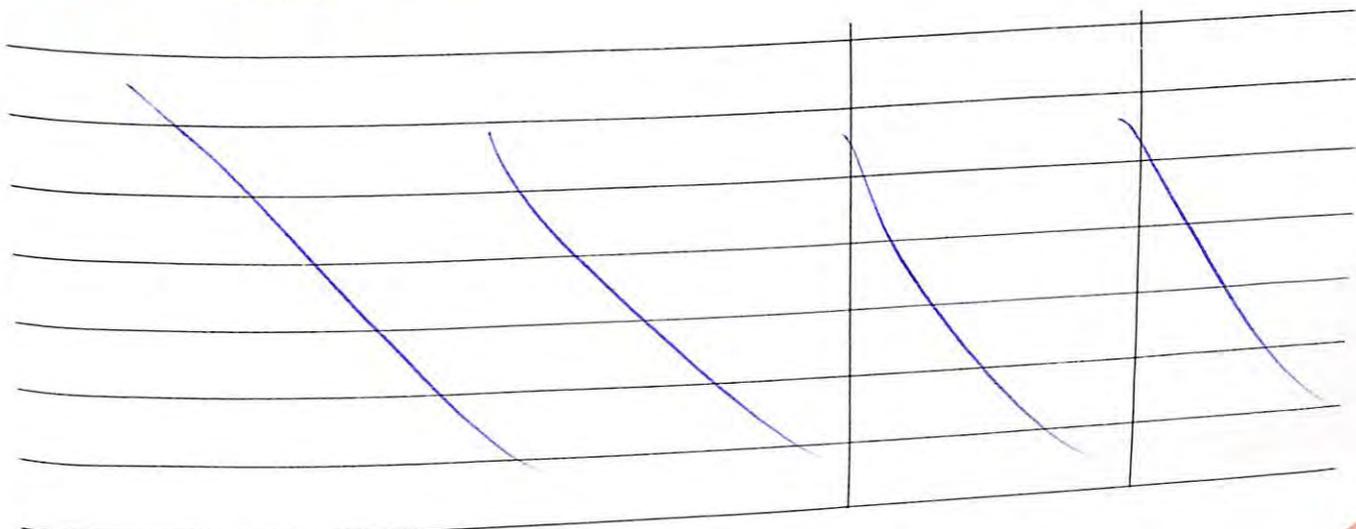
1. R&R NLG tire with new Aerotrainer 5.00-5 tire. Inflated to 53 psi. Balanced wheel assy. Cleaned, inspected and packed bearings.
2. R&R heater control post lamp with new 330 lamp. Ops ck good.

My signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK I HAVE PERFORMED. I have not performed nor been authorized to perform any inspection of this aircraft nor have I reviewed or been authorized to review the maintenance records, including Part 39 compliance.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

John E. Welch
A&P 2731748 IA



AIRCRAFT LOG

March 6, 2006

N3103E

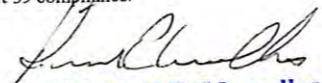
Tach: 664.1
Hobbs: NA

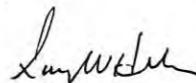
1. Replaced left recognition lamp with new, 87742-002. Ops check good.

My signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK I HAVE PERFORMED. I have not performed nor been authorized to perform any inspection of this aircraft nor have I reviewed or been authorized to review the maintenance records, including Part 39 compliance.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277


Richard E. Marcellus
A&P 2882133

03/06/2006	N3103E	Tach: 664.9	
	Airframe	Hobbs: 913.6	
1.) Replaced right landing light w/new GE4509. Ops Check good.			
Signature: 	Certificate # 520-88-8597		
Gary Hulme	Owner		
Total To Carry Forward			

April 15, 2006
Piper PA44-180

Left Engine Lycoming O-360-A1H6
Left Prop Hartzell HC-C2YR-2CEUF
Right Engine Lycoming LO-360-A1H6
Right Prop Hartzell HC-C2YR-2CLEUF
Janitrol B3500

N3103E
S/N: 4496188
LE S/N L-39708-36A
LP S/N: AU12053B
RE S/N: L-786-71A
RP S/N: AU12049B
Heater S/N A04050021

TTAF/Maintenance Hobbs: 697.3
Flight Hobbs: 960.1
TTLE: 697.3
TTLP: 697.3
TTRE: 697.3
TTRP: 697.3
Heater Hobbs: 151.7

- Performed an Annual inspection in accordance with 14 CFR 43, Appendix "D" and the Piper Maintenance Manual.
 - C/W AD 2004-25-16 R1 Dated 06/20/2005 To prevent failure of the fuel regulator shut-off valve by visual inspection. This AD is due next by TTAF: 797.3 or April/2007 whichever occurs first.
 - AD2005-26-01 Dated 01/31/2006 To prevent loss of engine power due to cracking of the cylinders N/A per no ECI cylinders have been installed.
 - C/W Piper SL1087 Wing bolt torque by checking aft wing bolt torque. This SL is due every 100Hrs. TIS
 - C/W Piper SB1161 Wing rib flange inspection by inspection of both right and left wing ribs in gear well. Right wing no cracks noted at this time.
 - Installed Piper rib flange repair kit number 767-397 to left wing only in accordance with SB1161 and instruction provided with kit dated 04/04/05.
 - Removed and replaced right engine baffling brace P/N 86203-041.
 - Removed and replaced left main tire with new 6.00X6 8ply, Cleaned, inspected, greased, and reinstalled bearings.
 - Removed, cleaned, inspected, and reinstalled both engines primer nozzles.
 - Dressed both engines propeller blades.
 - Inspected ELT in accordance with 14CFR91.207(d), Battery due: June/2006.
- I certify that this Aircraft and Propellers has been inspected in accordance with an Annual inspection and was found to be in an airworthy condition.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277


Curt Lee Power
A&P 2882132 IA

February 2, 2006
PA44-180

N3103E
S/N: 4496188

TTP: 598.0 Rem TAF: 598.0
Hobbs: 598.0

1. Performed a 100-hour inspection in accordance with 14 CFR 43, Appendix "D" and the Piper Maintenance Manual.
2. Complied with AD2004-25-16 R1 combustion heater shut off valve inspection by visual inspection,
3. Complied with SL1087 aft wing bolt torque by torque check.
4. Inspected ELT in accordance with 14 CFR 91.207. Battery due June 2006.
5. Replaced left and right vacuum relief filters (B3-5-1).

NEXT DUE: 698.0 TT

I certify that this aircraft and propellers have been inspected in accordance with a 100-hour inspection and were found to be in an airworthy condition.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

Richard E. Marcellus
Richard E. Marcellus
A&P 2882133

	02/07/2006	N3103E	Tach: 608.1
		Airframe	Hobbs: 833.3
	1.) R&R both GE 4509 landing lights. Ops Check Okay.		
	Signature: <i>John Wiltfang</i>	Certificate # 3113044	
	John Wiltfang	Owner	
Total To Carry Forward			

February 10, 2006

N3103E

Hobbs: 613.2

1. Replaced left gear spring tab (67753-000).

My signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK I HAVE PERFORMED. I have not performed nor been authorized to perform any inspection of this aircraft nor have I reviewed or been authorized to review the maintenance records, including Part 39 compliance.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

Russell R. Kerstetter
A&P 2808255

February 14, 2006

N3103E

Maintenance Hobbs: 622.5
Hobbs: 853.5

1. Removed and replaced right hand aileron assembly with new P/N 86562-025, Painted aileron to match, Checked balance I/A/W manual. Balance was within limits.

My signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK I HAVE PERFORMED. I have not performed nor been authorized to perform any inspection of this aircraft nor have I reviewed or been authorized to review the maintenance records, including Part 39 compliance.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

Curt Lee Power
Curt Lee Power
A&P 2882132

February 28, 2006

N3103E
Airframe

Maint. Hobbs: 647.8
Hobbs: 889.5

1. Performed compass swing. New compass correction card installed.
2. Saftied emergency exit door.
3. R&R L&R brake linings p/n 066-06200. Performed run-in of new brakes.

My signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK I HAVE PERFORMED. I have not performed nor been authorized to perform any inspection of this aircraft nor have I reviewed or been authorized to review the maintenance records, including Part 39 compliance.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

John E. Welch
John E. Welch
A&P 2731748 IA

November 10, 2005
PA44-180

N3103E
SN: 4496188 *Low* Maint. Hobbs: 498.1
TDS: 498.1 AFTT: 498.1

1. Performed a 100-hour inspection in accordance with FAR 43, Appendix "D" and the Piper Maintenance Manual.
2. Complied with AD2005-15-10 by previous compliance with SB1127B, May 24, 2005 Maint. Hobbs: 303.7.
3. Complied with AD2004-25-16 R1 by visual inspection of combustion heater fuel shutoff valve. Next Due: 598.1.
4. Complied with AD84-26-02 by replacement of induction air filters (638-876). Next Due: 998.1.
5. Inspected ELT in accordance with FAR 91.207. Battery due June 2006.
6. Complied with SB1156 by replacement of nose gear drag link bolt (402-940) and bushings (452-800). Next Due: 998.1.
7. Complied with SL1087 by checking torque of aft wing attach bolts. Next Due: 598.1.
8. Replaced vacuum relief filters (B3-5-1) and main vacuum filter (D9-18-1).
9. Complied with a 500-hour magneto inspection, left and right engines. Replaced points (M3081).

I certify that this aircraft and propellers have been inspected in accordance with a 100-hour inspection and was found to be in an airworthy condition.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

Richard E. Marcellus
Richard E. Marcellus
A&P 2882133 IA

Total To Carry Forward				

Registration No. _____

16 November 2005	N3103E	Maint. Hobbs: 500.7
Airframe	Heater Hobbs: 66.7	Hobbs: 687.8
1. R&R heater igniter assembly p/n 90E12-2. Ops ck good.		

My signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK I HAVE PERFORMED. I have not performed nor been authorized to perform any inspection of this aircraft nor have I reviewed or been authorized to review the maintenance records, including Part 39 compliance.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

John E. Welch
John E. Welch
A&P 2731748

12/19/2005	N3103E	Tach: 536.4		
	Airframe	Hobbs: 736.7		
1.) Replaced both landing lights w/new GE4509. Ops heck good.				

Sir
December 21, 2005

N3103E

Tach: 536.4
Hobbs: 736.4

1. Installed POH Revision VB-1616-21.
My signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK I HAVE PERFORMED. I have not performed nor been authorized to perform any inspection of this aircraft nor have I reviewed or been authorized to review the maintenance records, including Part 39 compliance.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

Richard E. Marcellus
Richard E. Marcellus
A&P 2882133

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

September 3, 2005

N3103E
Airframe

Hobbs: 435.1

- Adjusted left and right voltage regulators.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

Russell R. Kerstetter

Russell R. Kerstetter
A&P 2808255

09, 15, 2005

N3103E
Airframe

Tach: 438.2
Hobbs: 597.3

- Replaced left engine alternator with rebuilt unit, ALX8521RS, SN F063389.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

Richard E. Marcellus

Richard E. Marcellus
A&P 2882133 IA

September 2005

N3103E
Left Propeller
Right

Tach: 447.9
Hobbs

- Dressed dings in prop.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

John E. Welch
John E. Welch
A&P 2731748

Registration No. _____

and Remarks	Signature	Certificate No.
-------------	-----------	-----------------

October 8, 2005

N3103E

Hobbs: 471.3

- Replaced nose tire with 5.00 x 5 Aerotrainer. Cleaned and inspected bearings and races, assembled and inflated to 50 psi.

My signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK I HAVE PERFORMED. I have not performed nor been authorized to perform any inspection of this aircraft nor have I reviewed or been authorized to review the maintenance records, including Part 39 compliance.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

Russell R. Kerstetter

Russell R. Kerstetter
A&P 2808255

10-24-2005

N3103E

Maintenance Hobbs: 485.8
Hobbs: 666.7

- Removed and replaced left engine #1 cylinder spark plugs with new P/N REM38E. Run up and mag check good.

My signature constitutes approval for return to service of this aircraft ONLY FOR THE WORK I HAVE PERFORMED. I have not performed nor been authorized to perform any inspection of this aircraft nor have I reviewed or been authorized to review the maintenance records, including Part 39 compliance.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

Curt Lee Power

Curt Lee Power
A&P 2882132

February 23, 2005
PA-44-180

N3103E
SN: 4496188

Maint. Hobbs: 200.8
AFTT: 200.8

1. Performed a 100-hour inspection in accordance with FAR 43, Appendix "D" and the Piper Maintenance Manual.
2. Complied with AD2004-25-16 by visual inspection of heater fuel valve per paragraph e (1) and no leaks were detected. Due again at 399.4 hours.
3. Inspected ELT in accordance with FAR 91.207. Battery due June 2006.
4. Adjusted right gear downlock switch.

I certify that this aircraft has been inspected in accordance with a 100-hour inspection and was found to be in an airworthy condition.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

Russell R. Kerstetter
Russell R. Kerstetter
A&P 2808255

03-03-2005

N3103E
Airframe

Tach: 214.8
Hobbs: 298.0

1. R&R RH main gear assist spring bracket. P/N 67753-000. For ops check, cycled gear 5 times. Check ok.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021

Fred B. Payton
Fred B. Payton
A&P 3015809

03, 28, 2005

N3103E
Airframe

Tach: NA
Hobbs: 243

1. Replaced nose tire with new, 500X5 6ply Aero Trainer, greased bearings, and balanced.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

Richard E. Marcellus
Richard E. Marcellus
A&P 2882133 IA

May 13, 2005
PA-44-180

N3103E
SN: 4496188

Hobbs: 300.1
AFTT: 300.1

1. Performed a 100-hour inspection in accordance with FAR 43, Appendix "D" and the Piper Maintenance Manual.
2. Complied with AD2004-25-16 by visual inspection of combustion heater fuel shutoff valve per paragraph e (1).
3. Inspected ELT in accordance with FAR 91.207. Battery due June 2006.
4. Complied with SL1087 by checking torque of aft wing attach bolts.
5. Replaced nose gear bumper cap with P/N 554-005.

I certify that this aircraft has been inspected in accordance with a 100-hour inspection and was found to be in an airworthy condition.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

Russell R. Kerstetter
Russell R. Kerstetter
A&P 2808255

May 24, 2005

N3103E
Airframe

Hobbs: 303.7

1. Removed RT prop. Reinstalled after repair by Aero Propeller, see WO#14816.
2. Complied with SB1127B by installation of seal kit 767-367 on Janitrol fuel pump S/N A03040028. Leak check okay.



Legacy Air, Inc
11900 Airport Way
Broomfield, CO 80021
303-404-0277

Russell R. Kerstetter
Russell R. Kerstetter
A&P 2808255

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Brought Forward →				

MAKE: Piper
 MODEL: PA 44-180
 S/N: 4496188
 REG. NO: N3103E
 WORK ORDER: 1671-08-2004

The New Piper Aircraft, Inc.
 2926 Piper Drive
 Vero Beach, FL 32960
 Repair Station No. ZPAR410X

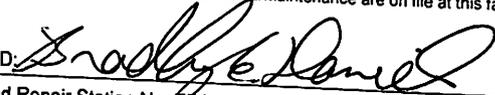
DATE: 8/10/2004
 TTA: 10.10
 HOBBS: 10.10

Airframe Entries

Reseated both connectors on HSI....

The aircraft, airframe, engine, propeller or appliance identified above was inspected, tested, repaired, rebuilt, modified or upgraded in accordance with Title 14 of the Code of Federal Regulations (CFR), Manufacture's Process Spec. and Type Design Data and with respect to the work performed is approved for return to service. Pertinent details of Customer Acceptance Items/Maintenance are on file at this facility under the work order number listed above.

DATE: 8/10/2004

SIGNED: 

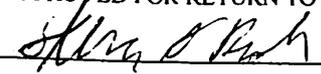
WORK ORDER: 1671-08-2004

Certified Repair Station No. ZPAR410X

Printed by EBis (<http://www.datcomedia.com>)

Total To Carry Forward					

Registration No. _____

	Signature	Certificate No.
<p>Executive Air Maintenance, Inc, 11675 Airport Way, Hanger B-11D, Broomfield CO 80021 2001 2005 ²⁰⁰¹ 2005 ²⁰⁰¹ 303-466-3771</p> <p>DATE 11-04-2005 N3103E MAINTENANCE HOBBS 99.4 COMPLIED WITH A 100 HR/ ANNUAL INSPECTION IAW FAR 43 APPENDIX D AND A PIPER CHECK LIST REMOVED ALL REQUIRED INSPECTION PANELS / INTERIOR / ENGINE COWLINGS AND PROPELLER SPINNERS COMPLIED WITH ROUTINE SERVICING IAW PIPER SERVICE GUIDES CHECKED ALL CONTROLS FOR FREE MOVEMENT AND TRAVEL CHECKED COMPLIANCY OF AD'S SEE LIST FOR DETAILS SERVICED PROPELLER ACCUMULATORS IAW PLACARDS ON UNITS SERVICED PROPELLER DOMES IAW PLACARDS ON PROP REPLACED VACUUM RELIEF FILTERS COMPLIED WITH FAR 91-207 (D) REPLACED BUMPER ON NOSE GEAR ASSY COMPLIED WITH DIFFERENTIAL COMPRESSION TEST ON ALL CYLINDERS LEFT ENG 78/76/77/79 RIGHT ENG 75/77/78/78 DRAINED OIL FROM BOTH ENGINES REMOVED FILTERS CUT OPEN NO ABNORMAL PARTICLES FOUND AT THIS TIME INSTALLED NEW FILTER ADDED 8 QTS AEROSHELL 15/50 TO EACH SUMP TIGHTENED ALL VALVE COVERS TIGHTENED ALTERNATOR BELTS CLEANED / GAPPED AND TESTED ALL SPARK PLUGS NO DEFECTS NOTED CHECKED ALL ENGINE CONTROLS FOR FREE MOVEMENT AND TRAVEL TO STOPS CHECKED PROPELLERS AND BULKHEADS NO DEFECTS NOTED REINSTALLED ALL PANELS / INTERIOR / ENGINE COWLINGS AND PROP SPINNERS RAN ENGINES OPERATIONAL CHECKS OK NO SIGN OF FLUID LEAKS NOTED I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW A 100/ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME AND IS APPROVED FOR RETURN TO SERVICE UPON OWNERS /OPERATORS ACCEPTANCE STEVEN T BUSH A&P5209456921A </p>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
AUG 06 2004	Brought Forward →	8.5		I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate.
				Dated <u>AUG 06 2004</u>
				<u>John S. Hambleton</u> ODARF-511281-CE
				<u>John S. Hambleton</u> THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR PART 91.411 HAVE BEEN PERFORMED. THE ALTIMETER(S) HAVE BEEN TESTED TO <u>20,000</u> FT. ON/LL <u>5/11/04</u> (FI) <u>NA</u>
				SIGNED <u>John S. Hambleton</u> DATE <u>AUG 06 2004</u>
				<u>John S. Hambleton</u> The ELT is installed per FAR 91 207. Battery re- placement date <u>JUNE, 2006</u>
				<u>John S. Hambleton</u> ODARF-511281-CE The New Piper Aircraft, Inc.
Total To Carry Forward		8.5		

John S. Hambleton

Registration No. N3103E

and Remarks	Signature	Certificate No.
<p>The ATC Transponder Tests and Inspections required by FAR 91.413 were performed this date and found to comply with FAR 43, Appendix F.</p> <p>ATC Transponder:</p> <p>1. Make <u>GARMIN</u> Model <u>GTX-330</u> S/N <u>84110609</u></p> <p>2. Make <u>NA</u> Model <u>NA</u> S/N <u>NA</u></p> <p>Details of this inspection are on file at this facility under S/N <u>4496188</u> Date <u>8/3/04</u></p> <p>O.A. Inspector <u>John S. Hambleton</u> THE NEW PIPER AIRCRAFT, INC. VERO BEACH, FLORIDA</p> <p><u>John S. Hambleton</u></p> <p>THE AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT TEST REQUIRED BY FAR PART 91.217 HAVE BEEN PERFORMED THIS DATE <u>8/3/04</u> SIGNED <u>John S. Hambleton</u></p> <p><u>John S. Hambleton</u></p>		

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.
All applicable Federal Aviation Administration Airworthiness Directives, through Bi-Weekly <u>2004-15</u> , have been complied with at the time of manufacture.		8.5	ODARF-511281-CE AUG 06 2004	John S. Hambleton John S. Hambleton
16 FEB 05 AD 2005-01-19	N/A - UNIT HAS	3.06	SOFT LENS	
			CRS FDR 720K	
			Kleavel	

AIRCRAFT DESCRIPTION

Registration No. N 3103E

Model: PA-44-180 Popular Name: SEMINOLE

Serial No.: 4496188 Type Certificate No.: A1950

Colors: BRIGHT WHITE/GARNET RED MET & NEW PIPER GOLD MET/SILVER MET

Engine Manufacturer: LYCOMING Serial Numbers: Single _____

Original Engine Model: O-360-A1H6 Left L-39708-36A

LO-360-A1H6 Right L-786-71A

Propeller Manufacturer: HARTZELL Hub or Serial Number: Single _____

Original Propeller Model: HC-C24R-2CLEUF Left AU12053B

HC-C24R-2CLEUF Right AU12049B

Blade Numbers

Left
K00816
K00819

Right
K01442
K01443

2004 MODEL