

AIRCRAFT LOG



ARTEX AIRCRAFT SUPPLY INC.
10714 S. Township Rd. Centex, OH 43003
(614) 230-0000 800-647-0001

LOG BOOK ENTRY DEC 07 1998

E.L.T. BATTERY
REPLACEMENT DATE DEC, 2000

1. UNITED STATES		2. FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION				3. SYSTEM TRACKING REF. NO. D88541	
4. ORGANIZATION CESSNA AIRCRAFT COMPANY CESSNA PARTS DISTRIBUTION DEPT. 702 5800 E. PAWNEE, WICHITA, KS 67218		5. WORK ORDER, CONTRACT, OR INVOICE NUMBER D0135029					
6. ITEM 0019	7. DESCRIPTION BEARING	8. PART NUMBER 08125	9. ELIGIBILITY * TBV BY	10. QTY 1	11. SERIAL/BATCH NO. N/A	12. STATUS/WORK NEW	
13. REMARKS AIRWORTHINESS APPROVAL-PARTS. THIS FORM IS NOT AN EXPORT APPROVAL							
14. LIMITED LIFE PARTS MUST BE ACCOMPANIED BY MAINTENANCE HISTORY INCLUDING TOTAL TIME/TOTAL CYCLES/TIME SINCE NEW NEW <input checked="" type="checkbox"/> NEWLY OVERHAULED <input type="checkbox"/> Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.							
15. SIGNATURE <i>Marilyn Lipps</i>		16. FAA AUTHORIZATION NO. PC4		17. AUTHORIZED SIGNATURE		18. CERTIFICATE NO.	
19. NAME (TYPED OR PRINTED) MARILYN LIPPS, DOA		20. DATE 12/15/00		21. NAME (TYPED OR PRINTED)		22. DATE	

* (OPTIONAL) INSTALLER MUST CROSS CHECK ELIGIBILITY WITH APPLICABLE TECHNICAL DATA.

Origin/Country:
United States

2.

AUTHORIZED RET
FAA Form 8130-3, AIRWC

Michelin Aircraft Tire Corp.
515 Michelin Road, Building 56
Greenville, SC 29602

Michelin Aircraft
57 Moo 6 Nongpl
Nongplamore, N

7. Description: 5.00-5/6/120 Aircraft Tire	8. Part Number: 072-312-0	9. Eligibility: TSO
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DIRECT SHIPMENT AUTHORIZATION

Parts must normally be accompanied by maintenance history including the items identified above were manufactured in conformity to:

AIRCRAFT LOG

THE NEW
PIPER AIRCRAFT, INC.

General Offices at
Vero Beach, Florida
U.S.A.

N298AT

Aircraft
Registration number

Part No. 230715

NOTICE

Making false entries in this book is a violation of government regulations and is punishable by civil penalty.

PAINT TYPE: DUPONT IMRON

AIRCRAFT DESCRIPTION

Registration No. N298AT
 Model: PA-32R-301T Popular Name: SARATOGA II TC
 Serial No.: 3257069 Type Certificate No.: A3SD
 Colors: WHITE / BLACK + LAS VEGAS GOLD MET. / BLACK
 Engine Manufacturer: LYCOMING Serial Numbers: Single ~~100666-61A~~ ^{Removed} 8/2011
 Original Engine Model: TIO-540-AHIA installed RL-13662-61A
 Propeller Manufacturer: HARTZELL Hub or Serial Number: Single HK322A
 Original Propeller Model: HC-I34R-1RF
 Blade Numbers
 Left J18068 Right _____
1998 MODEL J18069 _____
J18076 _____

100

DEC 07 1998


RICHARD L. MURDOCK

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	14.0		
DEC 07 1998				<p>I HAVE INSPECTED THIS AIRCRAFT AND ISSUED A STANDARD AIRWORTHINESS CERTIFICATE</p> <p>DATED <u>DEC 07 1998</u> I/A/W <u>FAR 21.193(g) PER 21.273.</u></p> <p><u>[Signature]</u> FAA DOA SO-1</p> <p>RICHARD L. MURDOCK</p> <p>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/IL <u>7/16/98</u> (R) <u>N/A</u></p> <p>SIGNED <u>[Signature]</u> DATE <u>DEC 07 1998</u></p> <p>RICHARD L. MURDOCK</p> <p>The ELT is installed per FAR 91.207. Battery replacement date <u>12/2000</u></p> <p><u>[Signature]</u></p> <p>D.O.A. No. SO-1 The New Piper Aircraft, Inc.</p> <p>RICHARD L. MURDOCK</p>
Total To Carry Forward		14.0		

Registration No. N298AT

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>KING</u> Model <u>KT-76C</u> S/N <u>5559</u></p> <p>2. Make <u>N/A</u> Model <u>N/A</u> S/N <u>N/A</u></p> <p>Details of this inspection are on file at this facility under S/N <u>3257069</u> Date <u>10/20/98</u></p> <p>O.A. Inspector <u>[Signature]</u></p> <p>THE NEW PIPER AIRCRAFT, INC. VERO BEACH, FLORIDA</p> <p>RICHARD L. MURDOCK</p> <p>THE AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT TEST REQUIRED BY FAR PART 91.217 HAVE BEEN PERFORMED THIS</p> <p>DATE: <u>10/20/98</u> SIGNED: <u>[Signature]</u></p> <p>RICHARD L. MURDOCK</p>		

AIRCRAFT LOG

Date: February 18, 1999. Hobbs: 39.6
 N#298AT, A/C: PA32R-301T S/N 3257069
 Installed Eventide Argus 7000/CE Moving Map Display in the pilots panel interfaced with the existing B/K KLN-90B GPS. Installed B.F. Goodrich WX-500 Stormscope sensor with NY-163 Stormscope antenna mounted on the bottom of the aircraft. The WX-500 Stormscope is interfaced with Argus 7000 CE for display. Installed Mid Continent MD26-28 inverter for heading excitation. Installed Avionics Innovations AI-CD stereo/CD player mounted in the instrument panel and interfaced with the PM6000 audio panel. See FAA Approved 337 dated Feb. 18, 1999 for details. Installed Astron Model 2412 28 to 12 volt converter mounted on the aft equipment shelf. The converter is protected with a Klaxon 5 amp circuit breaker labeled (Accy Pwr) which is mounted in the co-pilots CB panel. The 12-volt output side of the converter supplies power to a cigarette lighter mounted in the RH sidewall next to the table. The output is fused with a 5 amp in-line fuse located behind the aft cabin wall and labeled (Cigar Lighter). The Weight & Balance and Equipment list, amended currently.
 Flightcraft Inc. Portland Oregon. FCPR831D
 Signature: Daniel Rice Daniel Rice

Total
 Carry Forward

Registration No.

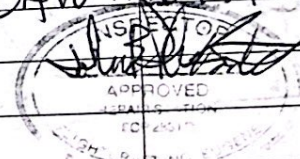
Signature

Certificate No.

and Remarks

Date: February 20, 1999. Hobbs: 39.6
 N#298AT, A/C: PA32R-301T S/N 3257069
 Removed defective Bendix/King KLN-90B GPS P/N 066-04031-1122, S/N 27082 and replaced with new warranty replacement B/K KLN-90B P/N 066-04031-1122, S/N 28063. Performed functional check operates per manufacture requirements.
 Flightcraft Inc. Portland Oregon. FCPR831D
 Signature: [Signature]

04 March '99 - 62.9 Installed oil cooler winterization plates. To be operated IAW Aircraft POH.
 — End —




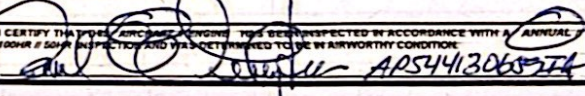
AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
16 March 99	68 Hobbs. Installed Redesigned oil cooler winterization plates P/N 101282-6 IAW New Piper E.O. # 101282 Rev. B. To be operated IAW Aircraft FOH. End - John P. Kuntz Flightcraft Inc. FCP2831D			
16 March 99	68 Hobbs. Removed TIT/EP Gauge MPAC P/N 602-211 S/N 0075. Installed S/N 0014 due to inop. back lighting. Ops checked good. End - John P. Kuntz Flightcraft Inc. FCP2831D.			
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
6-29-99 SERVICE BATTERY, brakes, tires, clean H/M-1498 AIR FILTER, wipe struts, lights ALL SYSTEMS NORMAL ON RUN-UP.	<i>[Signature]</i>	
<div> <div>CENTURION AIR MAINTENANCE, INC. 8033 HANDEL LIGHT DR. BUTLER, AR 72018</div> <div> DATE: 07-23-99 A/C: PA-32R-301T NE 235AT HOBBS: 160.2 TOTAL: 160.2 </div> </div> <p>SERVICES: Service battery, brakes & tires. Jack A/C. Check landing gear for operation. Check emergency extension & warning systems. Check and clean fuel strainer. Check airframe, check cables, pulleys & fittings. Check ELT IAW FAR 91-207.exp 12/00. Remove and replace oxygen filler port fitting assy. Light check. Check cabin area under floor & dash. Check all AD's thru 99-14.</p> <div> I CERTIFY THAT THIS AIRCRAFT / ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>ANNUAL</u> / <u>100HR</u> / <u>50HR</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. </div>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Brought Forward →				
 CENTURION AIR MAINTENANCE, INC. <small>P.O. BOX 1309 BETHLEHEM, OH 45730</small>				
DATE: 01/14/00 A/C: PA-32R-301T N# 298AT HOBBS: 176.0 TOTAL: 176.0				
SERVICES: Service battery, brakes & tires. Jack A/C-Check landing gear for operation. Check emergency extension & warning systems. Check and clean fuel strainer. Check airframe, check cables, pulleys & fittings. Check ELT LAW FAR 91-207 exp. 12/00. Light check. Check cabin area under floor & dash. Remove HSI and GPS/KLN90 for repair. Reinstall units. Check all AD's thru 99-2.				
I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL 100HR / 50HR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. 				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
Log Book Entry N#: <u>298AT</u> WIO# <u>127029G</u> Description of Work: <u>REPLACED 1 EA.</u> <u>AIRCONDITIONING HOSE & SERVICED</u> <u>INSPECTED MANIFOLD PRESSURE SYSTEM</u> <u>PER LYC. TECH. RIB INSTRUCTION</u> <u>RAN ENG & OPS CK OK</u> Signature: <u>[Signature]</u> Date: <u>3-7-00</u> FLIGHTCRAFT, INC. / PORTLAND FCPR831D HM/TACH: <u>180.7</u>		
<u>FLIGHTCRAFT</u>		
Log Book Entry N#: <u>298AT</u> WIO# <u>180334R</u> Description of Work: <u>REMOVED TURN CO-ORDINATOR</u> <u>P/N 1394T100-72, INSTALLED NEW TURN CO-</u> <u>ORDINATOR W/INSTRUMENT LIGHTING P/N 1394T100-32</u> <u>REMOVED PMA6000M-S Audio P/BCC, REPAIRED</u> <u>AS PER PMA REPAIR INSTRUCTIONS</u> Signature: <u>[Signature]</u> Date: <u>3/3/00</u> FLIGHTCRAFT, INC. / PORTLAND FCPR831D HM/TACH: <u>180.7</u>		
<u>FLIGHTCRAFT</u>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
3-20-2000	183.6			C/N Piper SB1030A AIR INLET TUBE AND DRAIN IMPROVEMENT AND S/B 538A AS PER KIT 766-668 AND OSK 22756. C/N Piper SB1018A WINTERIZATION BAFFLES & P.D.H. REVISION PER 766-653. BUILT BY J. J. J. W.O. 127049
Total To Carry Forward				

Registration No. _____

12-22-2000
A/C: PA32R-301T
N#: 298AT
Hobbs: 226.2
Total: 226.2

Clint Scovell A&P 540214766

Completed 100hr inspection of airframe. Checked and serviced battery. Replaced ELT battery pack with new. Check ELT as per FAR 91-207. Serviced brakes with 5606 hydraulic fluid. Lubricated hinges and cables with LPS 2 as need be. I certify that this aircraft has been inspected in accordance with a 100 hour inspection as per FAR 43 appendix D and was found to be in airworthy condition. Clint Scovell, A&P 540214766.

Totals 226.2 TOTAL 226.2 26 DEC 2000

Returned Annual Inspection I Certify This Aircraft has been INSPECTED PER FAR 43 APPX D And was determined to be in Airworthy Condition at This Time. Aircraft Approved For Return To Service [Signature] A&P 540214766

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
22 Jun 2001	Hobbs 324.1			REMOVED AND REPLACED LEFT AND RIGHT MLG TIRES WITH NEW MICHELIN 6006 8PLY TIRES. REMOVED AND REPLACED 6006 TR 20 Tube on RT Tire. Inspected both wheels for cracks + cleaned, inspected + replaced bearings w/ grease. Assembled tires + installed REMOVED AND REPLACED ALL LEFT AND RIGHT BRAKE PADS WITH NEW PN 066-06200 LININGS. Brakes
Total To Carry Forward				

-CONT NEXT PAGE-

Registration No. _____

[illegible]

AIRCRAFT LOG

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

Registration No. _____

and Remarks	Signature	Certificate No.
7/5/01 PA32R-301T SERIAL # 3257069 N298AT TACH: 335.1 REMOVED COWLS, REMOVED STARTER AND INSTALLED NEW STARTER PART # 31B22101 SERIAL # F4P-290030, OPS CHECK OK, RECOILED <i>Matthew T. Gunsch</i> MATTHEW T. GUNSCH, 527836162, A&P		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
7-05-01	Brought Forward →	335.4		
				Removed defective A/C
				Condensor & Replaced
				w/ new Part # 84267-002
				Tightened all applicable
				hardware ops check
				Condensor Door o.k.
				Aircraft approved for
				Return to Service - End -
				Walter R. L. H.
Total To Carry Forward				1A26872836

Registration No. _____

and Remarks	Signature	Certificate No.
10-26-01 H/M 386.4		
Serviced L/MLE strut w/nitrogen leak checked good		
Replaced L/R MLE Pressure plates w/P/N 757 485		
Replaced all Brake linings w/new. Resealed R/MLE		
caliper w/pump P/N M528775-222 Blead Brakes		
opst leaked checked good. Serviced R/MLE strut w/nitrogen		
+ MIL-H-5606 opst leak checked good. all work performed		
± A W Piper PA-32R-30T MP1 returned to service		
- END James Rosenbaum ATP 344529641		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12/20/01				PIPER PA-32R-301T SERIAL # 3257069 N298AT AIRFRAME ENTRY TACH: 418.9 TTAF: 418.9 CHECKED TENSIONS AND TRAVELS ON FLIGHT CONTROLS, INSPECTED ELT IAW 91.207(d), ELT BATTERY DUE 3/03, REMOVED O2 BOTTLE PART # 1270152 FOR HYDROSTAT INSPECTION, RECEIVED INSPECTED BOTTLE AND REINSTALLED, SERVICED O2. NEXT INSPECTION DUE 12-04 SERVICED NOSE STRUT, PLACED A/C ON JACKS, PERFORMED GEAR SWING, BOTH NORMAL AND EMERGENCY, FOUND NOSE RETRACT CYLINDER AIRFRAME MOUNT MOVING DURING GEAR SWINGS, REMOVED MOUNT, INSPECTED MOUNT AND ATTACHING STRUCTURE, NO DEFECTS NOTED, REINSTALLED MOUNT AND TORQUED HARDWARE, PERFORMED GEAR SWING, NO MOVEMENT NOTED, TIGHTENED NOSE GEAR RETRACT PIVOTS, REMOVED HYD PRESSURE SWITCH, CLEANED THREADS AND REINSTALLED WITH NEW TEFLON TAPE, SERVICED HYD SYSTEM, REATTACHED EVAPORATOR DRAIN TUBE, REPLACED BOTH INSTRUMENT AIRFILTERS WITH NEW CENTRAL AIRFILTER D9-18-1 TO BE REPLACED @ 918.9, REGULATOR FILTER TO BE REPLACED @ 518.9, CW AD 84-26-02 AIRFILTER REPLACEMENT WITH NEW AIR FILTER PART # P5600073, NEXT REPLACEMENT DUE @ 918.9 I HAVE INSPECTED THIS AIRCRAFT IN ACCORDANCE WITH A ANNUAL INSPECTION AND DETERMINED IT TO BE IN AIRWORTHY CONDITION AT THIS TIME, ALL ADS CHECKED THRU 2001-24 <i>Matthew T. Gunsch</i> MATTHEW T. GUNSCH, 527836162, IA Carry Forward

Registration No. _____

and Remarks	Signature	Certificate No.
03-20-2002 N298AT PA-32R-301T S/N 32-57069 Hobbs 464.4 — Removed nose tire, installed new nose tire P/N 5.00-5-6 ply. — Replaced all bearings and races on nose wheel, Bearing P/N 08125, Race P/N 08231. Inspected nose wheel no defects, packed new wheel bearings, Installed nose tire torque as required. Re-Install co-pilots yolk grommet, Lubricate with greasless lubricant, ops checked correct. — Blended one nick in propeller blade. All work preformed I.A.W. Piper PA-32R-301T M/M. Returned to service. — <i>James Rosenbalm</i> James Rosenbalm A&P 344529641 Glendale Aviation, Glendale, AZ.		
12 July 2002, Hobbs 550.8 N298AT — Jacked aircraft. Replaced NLG tire w/ Michelin 5-005 6 ply tire and replaced both mains w/ Condor 6-006 8 ply tire. Inspected wheels for cracks. Cleaned bearings and packed w/ grease. Assembled wheels and inflated tires to Piper specs. Installed wheels on axles. — Lowered aircraft off jacks. <i>Kevin L. Patrick</i> Kevin L. Patrick, A&P, 2612215		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			AIRFRAME ENTRY
10-4-02	597.4	4665	N298AT	PIPER PA-32R-301T #3257069
	REMOVED LEFT MAIN LANDING GEAR HYDRAULIC CYLINDER, REPLACED W/NEW, P/N 101-27400 T-SEAL, 2 QTY W/AN 6227-11 O-RINGS, NEW RETAINER P/SFD #00-1. REINSTALLED, JACKED AIRCRAFT AND PERFORMED LANDING GEAR RETRACTION TO LEAK AND FUNCTION CHECK HYD CYL. OPS CHECK OK, NO LEAKS, FILLED HYDRAULIC RESERVOIR TO FULL MARK ON DIPSTICK W/5606 HYD OIL. <i>Matthew T. Gunsch</i> AS			
				END
Total To Carry Forward				

Registration No. _____



and Remarks

- 12/18/02 PIPER PA-32R-301T SERIAL # 3257069 N298AT AIRFRAME ENTRY TACH 630.8 TTAF 630.8
- PLACED A/C ON JACKS, PERFORMED GEAR SWING, BOTH NORMAL AND EMERGENCY, SERVICED HYD SYSTEM, REPLACED ALL BRAKE LININGS WITH NEW, REPLACED INSTRUMENT AIRFILTER WITH NEW REGULATOR FILTER TO BE REPLACED @ 730.8, INSPECTED ELT IAW 91.207(d), ELT BATTERY DUE 2/05
- Jerry Lea*
- JERRY LEA, 602226724, A&P
- 12/18/02 PIPER PA-32R-301T SERIAL # 3257069 N298AT AIRFRAME ENTRY TACH 630.8 TTAF 630.8
- CHECKED TENSIONS AND TRAVELS, RESEALED RT RETRACT CYLINDER, CLEANED FUEL STRAINER, REPLACED STRAINER GASKET WITH NEW
- I HAVE INSPECTED THIS AIRCRAFT IN ACCORDANCE WITH A ANNUAL INSPECTION AND DETERMINED IT TO BE IN AIRWORTHY CONDITION AT THIS TIME, ALL ADS CHECKED THRU 2002-24
- Matthew T. Gunsch*
- MATTHEW T. GUNSCH, 2694968, IA

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
1/23/04 PIPER PA-32R-301T SERIAL # 32-57069 AIRFRAME ENTRY				
HOBBS: 850.9 TTAF: 850.9				
OPENED AIRFRAME, CHECKED TENSIONS AND TRAVELS, LUBED AIRFRAME AS NEEDED, REPLACED BATTERY WITH NEW G-243 SERIAL # G01998048, REMOVED CO-PILOTS YOKE AND BUSHING ASSEMBLY, POLISHED BUSHING AND REASSEMBLED, REPLACED LT & RT BRAKE PADS AS NEEDED, JACKED AIRCRAFT, REPACKED WHEEL BEARINGS, PERFORMED GEAR SWING BOTH NORMAL AND EMERGENCY, REPLACED ELT ANTENNA WITH NEW, INSPECTED ELT LAW 91 207(d) BATTERY DUE 2/05, RETORQUED MAIN FUEL TANK SENDERS, REPLACED BRAKE LININGS AS NEEDED.				
I HAVE INSPECTED THIS AIRCRAFT IN ACCORDANCE WITH A ANNUAL INSPECTION AND DETERMINED IT TO BE IN AIRWORTHY AT THIS TIME, ALL ADs CHECKED THRU 2004-01				
<i>Matthew T. Gunsch</i>				
MATTHEW T. GUNSCH, 2694968, IA				
11/09/04 N298AT Airframe Hobbs: 1044.0				
Replaced both MLG tires with new Condor 6.00-6, 8ply tires, IAW Piper service manual. Removed & cleaned & resealed both MLG brakes, o-rings used (MS28775-222). Installed New pads (066-06200) & insulators (088-00100), reinstalled brakes on aircraft & bleed Brakes IAW Piper service manual. Ops. & leak ck good.				
<i>Jerry Lea</i>				
JERRY LEA A&P 602226724				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
2/8/05 PIPER PA32R-301T SER# 3257069 AIRFRAME ENTRY		
HOBBS: 1072.3		
REMOVED O2 BOTTLE FOR HYDROSTAT, REINSTALLED AND SERVICED, RETEST DUE IN 2/08, REPLACED LT WING TIP LANDING LIGHT LENS WITH NEW, REPLACED ELT BATTERY WITH NEW, CW FAR 91 207(d), BATTERY DUE 4/07, JACKED AIRCRAFT, PERFORMED GEARSWING BOTH NORMAL AND EMERGENCY, REPLACED BOTH BRAKE DISCS WITH NEW 164-21600, REPACKED WHEEL BEARINGS, SERVICED SHIMMY DAMPER, TIGHTENED TORQUE LINK BOLTS AS NEEDED, REPLACED INSTRUMENT PANEL AND SWITCH LIGHTS AS NEEDED, REPLACED RT TAIL LAMP WITH NEW, REPLACED INSTRUMENT VAC FILTERS WITH NEW, CHECKED TENSIONS AND TRAVELS, LUBED PULLIES, REPLACED LT LANDING LIGHT LENS WITH NEW		
<i>David Readinger</i>		
DAVID READINGER, 206463594, A&P		
I HAVE INSPECTED THIS AIRCRAFT IN ACCORDANCE WITH A ANNUAL INSPECTION AND DETERMINED IT TO BE IN AIRWORTHY CONDITION AT THIS TIME, ALL ADs CHECKED THRU 2005-2		
<i>Matthew T. Gunsch</i>		
MATTHEW T. GUNSCH, 2694968, IA		

8/2/04 PIPER PA-32R-301T SER# 32-57069, N298AT AIRFRAME ENTRY
HOBBS: 996.2
CW AD 2004-14-12 CONTROL WHEEL ATTACH PER PARA (c) (1) & (2).
BY INSECTION OF ATTACH HARDWARE AND INSTALLATION OF
RETAINER CLIPS.

8/2/04 LYCOMING TIO-540-AH1A SER# L-10066-61A ENGINE ENTRY
HOBBS: 996.2
REMOVED FUEL SERVO, SENT OUT FOR OVERHAUL, O/H DONE BY
B&S AIRCRAFT PARTS & ACCESSORIES, INC CRS# NE2R028L, ON WO
04052215. REINSTALLED SERVO USING NEW GASKETS AS NEEDED
PART # ON RSA-10ED1 2576554-2 SER# 70172201. ADJUSTED IDLE
AND IDLE MIXTURE.

MATTHEW T. GUNSCH, 2694968, A&P

A&P 138485604

5/18/05	1124.9	ON THIS DATE REPLACED ADJUSTED STRUTS 1/A/W CK OK - THIS A/C IS OK

Total To
Carry Forward

Maintenance

Registration No.

- 5/20/04 PA-32R-301T S/N 32-57069 AIRFRAME ENTRY
- HOBBS: 921.0
- ON THIS DATE REPLACED LEFT & RIGHT WING TIP LANDING LITE SEALED
- BEAMS PN: 4594 OPS CK OK - REPLACED NOSE TIRE WITH CONDOR 5.00X5 6
- PLY TIRE TORQUED WHEEL BOLTS TO 90.0 IN.LBS.. SERVICED 35 PSI AIR.
- CLEANED AND REPACKED WHEEL BEARINGS. INSTALLED ON A/C
- TIGHTENED NUT AND SAFETYED- SERVICED MAIN TIRES TO 38 PSI AIR
- THIS AIRCRAFT IS AIRWORTHY AND RETURNED TO SERVICE

DAVID READINGER A&P 206463594

LEFT LANDING LIGHT PN 4594
PIPER MAINT MANUAL - OPS
TO RETURN TO SERVICE
DAVID READINGER A&P 206463594

8/2/04 PIPER PA-32R-301T SER# 32-57069, N298AT AIRFRAME ENTRY
HOBBS 996.2

CW AD 2004-14-12 CONTROL WHEEL ATTACH PER PARA (c) (1) & (2),
BY INSECTION OF ATTACH HARDWARE AND INSTALLATION OF
RETAINER CLIPS

Maintenance

W T GUNSCH, 2694968, A&P

02/12/04 Hobbs:862.7

Replaced broken ELT antenna with new Artex
Antenna, P/N 110-324,REV. B. Op chk good.

Anthony Pardo
Anthony Pardo
A&P 138485604

1124.9

ON THIS DATE REPLACED
ADJUSTED STRUTS 1/A/W
CK OK - THIS A/C IS OK

Registration No. _____

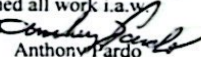
5/20/04 PA-32R-301T S/N 32-57069 AIRFRAME ENTRY
HOBBS: 921.0

- ON THIS DATE REPLACED LEFT & RIGHT WING TIP LANDING LITE SEALED
- BEAMS PN: 4594 OPS CK OK - REPLACED NOSE TIRE WITH CONDOR 5.00X5 6
- PLY TIRE TORQUED WHEEL BOLTS TO 90.0 IN.LBS.. SERVICED 35 PSI AIR.
- CLEANED AND REPACKED WHEEL BEARINGS. INSTALLED ON A/C
- TIGHTENED NUT AND SAFETYED- SERVICED MAIN TIRES TO 38 PSI AIR
- THIS AIRCRAFT IS AIRWORTHY AND RETURNED TO SERVICE

David Readinger
DAVID READINGER A&P 206463594

LEFT LANDING LIGHT PN 4594
PIPER MAINT MANUAL - OPS
TO RETURN TO SERVICE
David Readinger A&P 206463594

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
8/19/05		1184.0		
<p>ON THIS DATE RESEMED NOSE GEAR ACTUATOR W/ PN M28775-40M \$ 28775-2B & 7C2-687 ORINGS & BACKUP RING 1/A/W PIPER SERVICE MANUAL - RE INSTALLED CYCLED GEAR-OPS CR OK - SERVICED HYD RESIVOIR - THIS A/C IS OK TO RETURN TO SERVICE -</p> <p>D-J Brady APO 206463594</p>				
Total To Carry Forward				

and Remarks	Signature	Certificate No.
11/10/05 N298AT Hobbs: 1235.0 Removed both main tires and nose Tire and replaced with Condor tires- 6.00x6, 8 ply on mains (s/n 5097W00163 and 5012W00116) and 5.00x5,6 ply on nose (s/n 5076W00296). Cleaned and packed all wheel bearings. Replaced all eight brake pads on aircraft (p/n 066-06200). Serviced tires and performed all work i.a.w Piper maintenance manual		
Anthony Pardo A&P 2807090		

AIRCRAFT LOG

Date	Tl	Maintenance
	Brou Forw	
02/17/06	N298AT	TTAF: 1284.0 Hobbs: 1284.0 Performed annual inspection i a w. Part 43, App. "D" and Piper service manual. Performed gear operational check Including emergency extension. Cleaned and repacked All wheel bearings. Replaced grease felt on left main Wheel (p/n 154-01300). Lubed landing gear. Serviced Master brake cyl. With MIL- H-5606 fluid. Checked Brakes. Checked flight control travels and tensions And lubed hinges. Replaced vacuum regulator filter (p/n B3-5-1). Inspected fuel bowl and replaced o-ring (p/n MS28775-043). Checked all AD's through 2006-01.
I certify this airframe was inspected i a w. an annual Inspection and was found in airworthy condition At this time.		
Anthony Pardo A&P 2807090 IA		
Total To Carry Forward		

Registration No. _____

and Remarks	Signature	Certificate No.
Date 02/20/06 Reg. N298AT Model PA-32R-301T Glendale Aviation 6841 N Glen Harbor Blvd Glendale AZ 85037 623-872-1368	S/N 3257069 HOBBS 1396 7 WO SH06-0275	
ON THIS DATE INSTALLED NEW CONDOR 6.00X6 8PLY TIRE ON LEFT SIDE W/ NEW MICHELIN TUBE -INSTALLED NEW CONDOR 6.00X6 8PLY ON NEW CLEVELAND WHEEL ASSY Pn. 40-120C ON RIGHT SIDE INSTALL ON A/C THIS A/C IS OK TO RETURN TO SERVICE		
DAVID READINGER A&P206463594		
03/16/07 N298AT TTAF: 1435.8 Hobbs: 1435.8 Replaced ELT battery with new pack - inspected i a w. Para. 91 207(d)- op checks good. New battery due date: Oct. 2008. Cleaned and repacked all wheel bearings. Lubed main gear Trunnions and drag braces. Replaced nose gear trunnion bolts (AN7-42). Swung gear and checked emergency extension system - all checks good. Checked AD's through 2007-03. Work performed i a w. Piper PA32R-301T maintenance Manual.		
I certify this airframe was inspected i a w. an annual inspection And is approved for return to service at this time.		



AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

SEPTEMBER 19, 2007

ACTUATOR, BRAKES, TIRE

N298AT

HOBBS: 1516.9

1. Installed 2 ea "O" rings, p/n 752-648, 1 ea "O" ring, p/n 751-585, and 1 ea back up ring, p/n 762-687 in the nose gear actuator, cycled gear several times and found no leaks.
2. Right brake leaking. Both disc checked .375 and Piper requires a .405 minimum. Installed new brake discs, p/n 164-21600, pads p/n 66-06200, packings p/n MS28775-222, new right side pressure plate p/n 063-01100, replaced missing insulator p/n 068-01100, right side and piston insulators p/n 088-00100, pins for the pressure plate, p/n 177-00300. Serviced brake system and bled brakes. Found no leaks, ground test and test normal.
3. Installed right main tire, a Condor 600X6, 8ply, p/n 072-317-0 and new tube 600X6, p/n 092-315-0.
4. Adjusted rear passenger door, upper latch was bent slightly.

All work was done I/A/W the Piper Maintenance Manual and this aircraft is returned to service in airworthy condition with respect to the work performed. A&P232788707 MIKE JONES
GADSDEN AVIATION, LLC. 256-442-5111

OCTOBER 19, 2007

ATTITUDE INDICATOR

N298AT

HOBBS: 1517.4

1. Removed Flight Command Indicator, p/n 060-0017-00, s/n 23141 and sent to Precision Aviation Group Inc., Atlanta, Ga. For overhaul, see 8130-3 form in logbook. Reinstalled O/H unit, p/n 060-0017-00, s/n 23141, ground run aircraft and checked normal.
2. Charged battery overnight, cleaned battery cables and connectors.

I certify this work was done I/A/W The Piper Service Manual and this aircraft is returned to service.
A&P232878707 MIKE JONES
GADSDEN AVIATION, LLC 256-442-5111

Mid-South Avionics, Inc. CRS ZY4R717M

4800 Carter Drive
Tuscaloosa, AL 35401

Date 2/12/07
Aircraft Reg. # N298AT
Work Order # 0640

FEBRU

HOBBS
1.

All work
service.
GADSD

REF ALT	TOL +/- FEET	ALT TESTED	ENCODER	REF ALT	TOL +/- FEET	ALT TESTED	ENCODER
-1000	20			14,000	100	-20	14,000
0	20	0	0	16,000	110	-30	16,000
500	20	0	500	18,000	120	-40	18,000
1,000	20	0	1,000	20,000	130	-50	20,000
1,500	25	0	1,500	22,000	140		
2,000	30	+10	2,000	25,000	150		
3,000	30	0	3,000	30,000	180		
4,000	35	0	4,000	35,000	205		
6,000	40	-10	6,000	40,000	230		
8,000	60	-10	8,000	45,000	255		
10,000	80	-20	10,000	50,000	280		
12,000	90	-20	12,000				

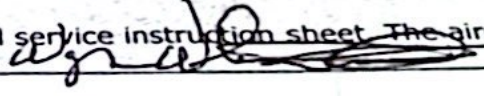
Aircraft Reg. # N298AT
Altitude P/N 154-130A
Altitude S/N 29212

Encoder P/N 006-03064-0005
Encoder S/N N/A

SIGNED _____ DATE 2/12/07


MID-SOUTH AVIONICS, INC. CRS ZY4R717M

Registration No.

and Remarks	Signature	Certificate No.
FEBRUARY 4, 2008		N98AT
NEW BATTERY		
HOBBS: 1538.9		
1. Serviced battery with 3 qts battery acid, charged new battery I/A/W Gill Activation and Service Instructions and installed in aircraft.		
All work was done I/A/W the FAR's and the Gill service instruction sheet. The aircraft is returned to service. A&P/IA 1984373 Wayne Whisenant		
GADSDEN AVIATION, LLC. 256-442-5111		

THE ALTIMETERS AND ALTITUDE REPORTING SYSTEM HAVE BEEN TESTED AND INSPECTED I.A.W. 91.411 AND FOUND TO COMPLY WITH APP.E, PART 43. THE ALTIMETER HAS BEEN TESTED TO ~~20000~~ FEET.

THE TRANSPONDER TEST AND INSPECTION REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED I.A.W. APPE AND F OF FAR 43. H: 1486.3

MODEL KT26C SN 5559
SIGNED  DATE 2/12/07
MID-SOUTH AVIONICS, INC. CRS ZY4R717M

AIRCRAFT LOG

APRIL 16, 2008

ANNUAL INSPECTION

N298AT

HOBBS: 1573.3

ELT BATTERY DUE: 10/08

FAR 91.411 & 413 DUE: 07/09

02 Hydrostatic test now due

1. Performed Annual Inspection I/A/W the 100hr/annual inspection requirements as listed in the piper PA 32R-301T Maintenance Manual.
2. Found nose gear actuator leaking, replaced 2 "o" rings, p/n 752-648, 1 "O" ring, p/n 752-585, and 1 back up ring, p/n 762-687. Note: this is the third repair of this unit in 389 flight hours.
3. C/W AD 08-06-51, Physical and visual inspection of fuel injector servo plugs. Next due in 50 hrs or at oil change.
4. C/W AD 95-26-13, Visual inspection of oil cooler hose assemblies, next due in 100hrs or 1873 hobb's time.
5. AD 07-26-09 does not apply; due to no propeller shank rework having been performed.

I certify this aircraft has been inspected I/A/W the annual inspection checklist found in the Piper Maintenance Manual. It has been determined this aircraft is in airworthy condition at this time and is returned to service. A&P/IA 1984373, WAYNE WHISENANT
GADSDEN AVIATION, LLC. 256-442-5111

Total To
Carry Forward

Registration No.

and Remarks	Signature	Certificate No.
AUGUST 5, 2008		N298AT
AIR CONDITIONING SYSTEM		
Hobbs: 1600.7		
1. Found air condition compressor locked up. Removed prop, a/c compressor, expansion valve and dryer.		
2. Flushed system with 134A Flush, installed new receiver dryer, p/n 602-275, expansion valve, p/n 592-633. Changed rear head on new compressor, installed new compressor, charged a/c system with R134 refrigerant.		
3. Installed alternator belt, a/c compressor belt, prop, cowling and ground run and a/c system checked normal.		
I certify this work has been done I/A/W the FAR's and the Piper Saratoga Service Manual and it has been determined this aircraft is airworthy with respect to the work performed.		
A&P/IA 1984373 WAYNE WHISENANT		
GADSDEN AVIATION, LLC. 256-442-5111		

AIRCRAFT LOG

OCTOBER 13, 2009 100HR INSPECTION N298AT
 HOBBS: 1635.8
 FAR 91.411 & 413 NOW DUE ELT DUE: 11/2011 O2 Hydrostatic test
 DUE: 10/2012

1. Performed 100hr inspection I/A/W the 100hr/annual insp. requirements as listed in the Piper PA32R-301T Maintenance manual.
2. Replaced in-line fuse for Alt. warning circuit w/ new nylon twist lock fuse holder, P/N 11-04010.
3. Replaced ELT Whip antenna with new P/N 110-324. Also replaced ELT battery with new P/N 110-4. Tested ELT I/A/W FAR 91.207(d).
4. Removed nose gear shimmy damper and sent to Parker Aerospace for O/H. Reinstalled overhauled unit P/N 010-00900.
5. Replaced hand held cabin fire extinguisher and mount with new P/N 13-07655.
6. Replaced nose and I/H main tire and inner tube with new. Repacked all bearings with new grease, nose and both mains.
7. Removed O2 bottle and sent to Kelly Aerospace for Hydrostatic test. Replaced tested unit P/N 895-24050. Serviced, and leak checked bottle, no leaks at this time.
8. Adjusted inst. air vac regulator to proper limits, and replaced filter with new P/N RAD9-18-1.
9. Installed a new RCA cable for the air gizmo.
10. C/W AD 95-26-13 by visual inspection, next due in 100hrs or 12 months.
11. C/W AD 08-14-07 Ridge fuel inj. lines, next due in 100hrs or 12 months.
12. AD 09-02-03 does not apply due to manufacturer date.
13. C/W AD 76-07-12R1, ign. switch inspection, next due 100hrs or next annual.

Total
 Carry

I certify that this aircraft has been inspected I/A/W the 100hr inspection checklist as per Piper Maintenance Manual and was determined to be in airworthy condition at this time and is returned to service. A&P 2848967 C. Deven Mundy
 Gadsden Aviation LLC. 256-442-5111

and Remarks

A/C REG # N298AT DATE 10-13-09
 TOTAL A/C TIME 1635.8 HRS. TACH TIME 1635.8

I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL/100 HR INSPECTION AS PER 100hr/annual AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.

SIGNATURE

14 7176 961 A-1
 CERTIFICATE NO./TYPE



replaced GARMIN units have a 90-day warranty or the continuation of t/

are manufactured in conformity to:

19.

are in condition for safe operation

☐ Non-approved design data specified in block 13

15. Authorized Signature

N / A

16. Approval/Authorization No.:

N / A

20.

17. Name (Typed or Printed)

N / A

18. Date (m/d/y)

N / A

22.

User/Installer Re

It is important to understand that the existence of this Document alone does not automatically constitute certification. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority, block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/

Statements in block 14 and 19 do not constitute installation certification. In all cases, aircraft maintained in accordance with national regulations by the user/installer before the aircraft may be flown.

PIPER PA32R-301T S/N 12R-3257062
26 AUGUST 2010 HOBBS TIME 1728.6

- REMOVED - DEFECTIVE GNS-530W, P/N 011-01064-00, S/N 23802065, SHIPPED UNIT FOR REPAIR.
- INSTALLED - REPAIRED GNS-530W, P/N 011-01064-00, S/N 23802065. REPAIRED BY GARMIN INTERNATIONAL
- UNDER WO#22971141.
- ALL WORK PERFORMED IAW AC 43.13-1B CHAPTERS 11 AND 12 AND MANUFACTURERS' INSTALLATION MANUAL# 190-00357-08, REV. C, DATED 6/10. THE EQUIPMENT PERFORMED SATISFACTORILY AND DID NOT ADVERSELY AFFECT EXISTING COMPONENTS OR SYSTEMS IN THE AIRCRAFT AS REQUIRED BY 14 CFR 23.1301.
- WEIGHT AND BALANCE AND EQUIPMENT LIST WERE NOT AFFECTED.
- AIRCRAFT IS AIRWORTHY WITH RESPECT TO WORK PERFORMED.
- PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER W/O 01428.

STEVE BRINSTER

THE ALTIMETERS AND ALTITUDE REPORTING SYSTEM HAVE BEEN TESTED AND INSPECTED I.A.W. 91.411 AND FOUND TO COMPLY WITH APPE, PART 43. THE ALTIMETER HAS BEEN TESTED TO 20,000 FEET.

THE TRANSPONDER TEST AND INSPECTION REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED I.A.W. APPE AND F OF FAR 43. H: 1728.6

MODEL 1726C S/N 5559

SIGNED [Signature] DATE 8/26/10

MID-SOUTH AVIONICS, INC. CRS ZY4R717M

AIRCRAFT LOG

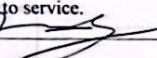
Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	AUGUST, 11 2010			N298AT
	HOBBS: 1714.1			
	1. Remove prop and replace A/C compressor and alt belts with new. Replace prop and torque to spec, and check blade tracking.			
	This aircraft is returned to service with respect to work performed.			
	C. Deven Mundy A&P 2848967 <i>C. Deven Mundy</i>			
	Gadsden Aviation LLC. 256-442-5111			
	AUGUST 15, 2011			N298AT
	HOBBS: 1752.3			PA32R-301T, S/N: 3257069
	TSN: 1752.3			Lycoming TIO-540-AH1A, S/N: L-10066-61A
	1. Remove engine, S/N: L-10066-61A, Due to large amounts of metal found in oil sump screen. Return engine core to Lycoming.			
	C. Deven Mundy A&P 2848967 <i>C. Deven Mundy</i>			
	Gadsden Aviation LLC. 256-442-5111			
Total To Carry Fc				

Registration No. _____

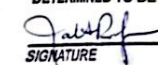
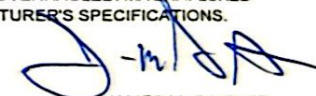
and Remarks	Signature	Certificate No.
SEPTEMBER 30, 2011	N298AT	
HOBBS: 1752.3	PA32R-301T, S/N: 3257069	
TTAF: 1752.3		
FAR 91.411 & .413 Due 8/12	ELT Due: 11/13	O2 Hydro Due: 10/12
1. Performed 100hr inspection I/A/W the requirements as listed in the PA32R—301T Maintenance manual.		
2. Install zero time, factory rebuilt engine, TIO-540-AH1A, S/N: RL-13662-61A. Engine installed using new engine mounts and hardware. Major parts and accessories are zero time since new or overhaul, (all accessories are new unless P/N is succeeded by -85, or -70.) Pam injector, P/N: 61M26025 / Slick Mags, L/H P/N: 66LC35SDNP, S/N: 11070982, R/H P/N: 66LP-0SCNP, S/N: 11050999 / Crankcase match #: K0159 / Crankshaft S/N: V537956466 / Sky-tec Starter P/N: 31B22101, S/N: F4P-261101 / Fuel pump P/N: 62E23186, S/N: H-OGN079FP / Alternator P/N: 32C22492, S/N: K061480 / Turbocharger P/N: 46C19836, S/N: H-OFL00081 / Bypass valve P/N: 47J22459-85, S/N: H-OFO00117 / Press. Controller P/N: 48B22488, S/N: H-OGN00090 / AB Press. Controller, P/N: LW-14445-12, S/N: H-OGN00195. (ex. AC compressor from old engine).		
3. C/W SB 1092B, Engine mount repaired and bracket assembly P/N: 104642-002, installed per SB. Work accomplished by Kosola and Associates under WO# 09898, see 337. All new hardware used on installation of repaired engine mount.		
4. Install Oil coolers P/N: 10864A, S/N's: 217, & 243, overhauled by Pacific Oil Cooler Service under WO # 83712 & 83713.		
5. Install Propeller Model # HC-13YR-1RF, Hub S/N: HK322A, overhauled by South Coast Propellers under WO# SR-7630.		

CONT
next
page

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
6.	Install Prop Governor Model# V-5-6, S/N: A1482J, Overhauled by South Coast Propellers under WO# SR-7631.			
7.	All flex hoses fire wall forward are new, (ex. AC compressor lines).			
8.	Install new Donaldson air filter. Install new vac sy. Filter and vac sy. Regulator filter.			
9.	C/W AD95-26-13, Oil cooler hose assemblies. New hoses installed w/ engine.			
10.	C/W AD 10-13-07, Spot-welded V-band exhaust couplings. Install new P/N: 40D23255-340M, V-band coupling.			
11.	C/W AD 10-15-10, Control wheel column shafts. Measurement taken at witness hole in limits (15), per SB 1197D.			
12.	Replace battery in ELT w/ new P/N: 110-4, Test unit I/A/W FAR 91.207d.			
13.	Install new bearings and races for nose wheel. Install new inner tube for nose wheel.			
14.	All brake linings replaced with new. Clean unit and replace o-rings in L/H brake caliper. Bleed brakes.			
15.	Upon installation of repaired motor mount, rig nose landing gear per M/M. Replace NLG centering hardware and roller with new. Swing gear numerous times 8+, perform emergency extension test, all tests satisfactory.			
16.	Repair floor under 2 nd row seats (replace core material), per AC 43.13 1B, CH 3, SEC 2.			
17.	This aircraft requires a 2hr engine break-in / test flight. Per Lycomings recommendations.			
<p>I certify that this airframe has been inspected I/A/W a 100hr inspection and was found to be in airworthy condition at this time and is returned to service.</p> <p>C. Deven Mundy A&P 2848967 </p> <p>Gadsden Aviation LLC. 256-442-5111</p>				
Total				
Copy				

Registration No. _____

and Remarks	Signature	Certificate No.
<p>NC REG. # <u>N298AT</u> DATE <u>9-30-11</u> TOTAL A/C TIME <u>1752.3</u> HRS. TACH TIME <u>1752.3</u> <small>11/26/11</small></p> <p>I CERTIFY THAT THIS A/C HAS BEEN INSPECTED IN ACCORDANCE WITH AN (CIRCLE ONE) ANNUAL/100-HR INSPECTION AS PER <u>Log Guide</u> AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p> <u>14 373961 A-1</u> SIGNATURE CERTIFICATE NO./TYPE</p> <p>SOUTH COAST PROPELLER SERVICE, INC. 5750 DUROSE DRIVE, BESSEMER, AL 35022 205-426-7022 REPAIR STATION #S6PR302X</p> <p>GOVERNOR DISASSEMBLED, CLEANED AND INSPECTED. MAJOR OVERHAULED. MAGNAFLUXED PARTS AS REQUIRED, REASSEMBLED AND TESTED TO MANUFACTURER'S SPECIFICATIONS.</p> <p>WORK ORDER # SR-7631 MODEL # V-5-6 SERIAL # A1482J DATE 08/12/2011</p> <p> JAMES M. GAITHER, GENERAL MANAGER.</p>		

AIRCRAFT LOG

MAY, 10 2012
HOBBS: 1795.6

1. Top charge battery as needed, per manufactures recommendations.
2. Remove and replace R/H main tire 6.00-6 8 ply and tube.
This aircraft is returned to service.
C. Deven Mundt A&P 2848962
Gadsen Aviation LLC. 256-442-5111

AUGUST 3, 2012
HOBBS: 1795.7

1. Remove and replace boost pump with an overhauled unit of same P/N: 461-750. Old S/N: 82362, New S/N: 81598. Ground run aircraft and no leaks noted at this time.

C. Deven Mundy A&P 2848967
Gadsden Aviation LLC. 256-442-5111

PA32R-301T, S/N: RL-13662-61A N298AT

PA-32R-301T, S/N: 3257069 N298AT

and Remarks

and Remarks

THE ALTIMETERS AND ALTITUDE REPORTING SYSTEM
HAVE BEEN TESTED AND INSPECTED I.A. W.91.411 AND
FOUND TO COMPLY WITH APPE, PART 43. THE ALTIMETER
HAS BEEN TESTED TO 2900 FEET.

UNDER TEST AND INSPECTION REQUIRED
PERFORMED I.A.W. APPE. AND

THE ALTIMETER
HAVE BEEN TESTED AND
FOUND TO COMPLY WITH APPE. N
HAS BEEN TESTED TO 27,000

THE TRANSPONDER TEST AND INSPECTION REQUIRED
BY FAR 91.413 HAVE BEEN PERFORMED I.A.W. APPE. AND
F OF FAR 43. H-1822-2

S/N 5559
10/15/12
717M

MODEL KT-76C
SIGNED [Signature]
MID-SOUTH AVIONICS, INC CRS ZY4R717M

and Remarks

Mid-South Avionics, Inc. CRS ZY4R717M

4800 Carter Drive
Tuscaloosa, AL 35401

H: 1822.2

Date 10/15/12
Aircraft Reg. # N298AT
Work Order # 1985

THE ALTIMETERS A
HAVE BEEN TESTED
FOUND TO COMPL
HAS BEEN TESTED 1

THE TRANSPONDER
BY FAR 91.413 HAVE
F OF FAR 43. H:1

MODEL KI-76C
SIGNED _____
MID-SOUTH AVION

REF ALT	TOL +/- FEET	ALT TESTED	ENCODER	REF ALT	TOL +/- FEET	ALT TESTED	ENCODER
-1000	20			14,000	100	-40	14,000
0	20	6	0	16,000	110	-50	16,000
500	20	0	500	18,000	120	-60	18,000
1,000	20	0	1000	20,000	130	-80	20,000
1,500	25	0	1500	22,000	140		
2,000	30	-10	2000	25,000	150		
3,000	30	-10	3000	30,000	180		
4,000	35	-20	4000	35,000	205		
6,000	40	-20	6000	40,000	230		
8,000	60	-20	8000	45,000	255		
10,000	80	-20	10,000	50,000	280		
12,000	90	-20	12,000				

Aircraft Reg. # N298AT
Altimeter P/N KEA-130A
Altimeter S/N 29712

Encoder P/N ACK A-30
Encoder S/N 104165

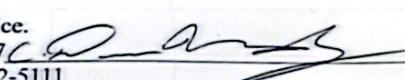
AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
NOVEMBER 5, 2012				N298AT
HOBBS: 1831.2				
1. Remove stabilator, remove bearing brackets. Remove old bearings, and press in new 452-394, bearings. Install brackets and replace stabilator.				
2. Remove main gear door hinges. Install new hinges 67093-004 & 005, and pins 63744-011.				
This aircraft is returned to service.				
C. Deven Mundy A&P 2848967				
Gadsden Aviation LLC. 256-442-5111				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
DECEMBER, 31 2012		N298AT
HOBBS: 1834.6		PA32R-301T, S/N: 3257069
TTAF: 1834.6		
FAR 91.411 & .413 Due 10/14	ELT Due: 11/13	O2 Hydro Due: 10/12
1. Performed annual inspection I/A/W FAR part 43 App. D and the requirements as listed in the PA32R—301T Maintenance manual. Clean and lubricate aircraft per inspection requirements. Repack all wheel bearings with fresh grease. Swing landing gear several times and perform emergency extension.		
2. Installed new Donaldson Air Filter P/N: P151936		
3. Installed new Left Hand Wing Bolt Cover P/N: 85290-002		
4. Test ELT I/A/W FAR 91.207D, Unit test normal.		
5. Install new battery, Gill G-243, S/N: G02492916.		
6. Secured wiring under panel.		
7. C/W AD 95-26-13, Oil cooler hoses, by visual inspection.		
8. C/W AD 11-26-04, ridge fuel lines by visual inspection.		
9. C/W AD 76-07-12R1, ignition switch inspection.		
10. AD12-09-01 NA engine S/N not listed in SB.		
11. AD 12-24-09 NA due to engine SN.		
I certify that this airframe has been inspected I/A/W an annual inspection and was found to be in airworthy condition at this time and is returned to service.		
C. Deven Mundy A&P 2848967		
Gadsden Aviation LLC. 256-442-5111		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
FEBRUARY, 18 2013				N298AT
HOBBS: 1835.5				
1. Remove nose landing gear actuator, disassemble unit and inspect. Replace o-rings and back up ring with new. Service unit with 5606 and reinstall. Perform numerous landing gear operational tests including emergency swing. Op's checks normal.				
This aircraft is returned to service.				
C. Deven Mundy A&P 2848967 				
Gadsden Aviation LLC. 256-442-5111				
Total To Carry Forward				

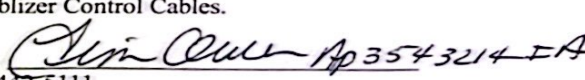
Registration No. _____

and Remarks	Signature	Certificate No.

FEBRUARY 7, 2014
HOBBS: 1878.7
TTAF: 1878.7

N298AT
PA32R-301-T, S/N: 3257069

- I certify that this airframe is in a safe condition to fly/ferry and that all applicable ADs have been complied with except AD listed below.
- AD 13-02-13 Horizontal Stabilizer Control Cables.

Tim Owen A&P 3543214 IA 
Gadsden Aviation LLC. 256-442-5111

AIRCRAFT LOG

T&J Aviation, Inc.
Pontotoc County Airport

Pontotoc, MS (662)419-3534

February 19, 2014

N298AT

Hobbs: 1880.2

AFTT: 1880.2

Inspected aircraft in accordance with Piper PA32R-301T Checklist and FAR 43, Appendix "D". Lube in accordance with lube chart. Installed new induction hose at turbo/airbox connection p/n 565-455, vacuum regulator filter p/n B3-5-1, fuel strainer bowl seal p/n 485-330 (MS29513-043), right brake caliper shim p/n 068-01100 and left wingtip position bulb p/n 34-0428070-64 (A508-28). Performed 5 fault free landing gear retractions and extensions. Removed O2 bottle and regulator and sent for bottle replacement and regulator overhaul. Installed new ELT battery p/n 452-0130 (battery expires 04/2016) and checked operation. Researched A.D.'s through bi-weekly 2014-02. Complied with the following A.D.'s: A.D. 13-02-13 (Stabilator Cables) due again at 2/19/2020 or 3880.2 AFTT. **Note** A.D. 95-26-13 (Oil Cooler Hoses) due at 9/2019 or 2753.2 AFTT, and A.D. 84-26-02 (Paper Induction Filters) due replacement at 2334.6 AFTT. See master A.D. listing this date for details. I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.

Michael S. Tallant
Michael S. Tallant A&P 3477617 I.A.

ACR ELECTRONICS, Inc.
Artex Products - CAGE Code 18560
Fort Lauderdale, FL 33312

LOG BOOK ENTRY

2/19/14

E.L.T. BATTERY

REPLACEMENT DATE

4/2016

Total To
Carry Forward

Registration No. _____

T&J Aviation, Inc.
Pontotoc County Airport

Pontotoc, MS (662)419-3534

March 7, 2014

N298AT

Hobbs: 1892.1

AFTT: 1892.1

Installed new oxygen bottle p/n 895-24050, s/n ALT279-23295/511 and overhauled regulator. Bottle purchased and regulator overhauled by Ameron Global, St. Louis, MO. Next hydrostatic test due 02/2019 (see bottle stamp) and next cylinder expiration is 08/2028. Installed auxillary power recepticle on copilot side with in line fuse link.

Michael S. Tallant
Michael S. Tallant 3477617 A&P

I certify that the altimeter and static system test required by FAR 91.411 have been performed. The Altimeter S/N 29712 was tested to 30K feet on 12/10/2014.

Signature [Signature] Date 12/10/2014.

I certify that the transponder tests required by FAR 91.413 and AC 43-6C have been performed and found to be satisfactory. Transponder: Make: Garmin Model: GTX330ES S/N: 84148236.

Signature [Signature] Date 12/10/2014.

Midwest Aviation Services, Inc. P.O. Box 219 Barkley Field
200 Hardy Roberts Drive West Paducah, KY 42086
FAA Certified Repair Station MW8R657W

Maintenance

Registration No. _____

and Remarks	Signature	Certificate No.
Date: 12/30/2014 N298AT Hobbs: 2064.8	Midwest Aviation Services, Inc. PO Box 219 (270)744-8686 Ph. 200 Hardy Roberts Dr. (270)744-3466 Fax West Paducah, KY 42086 midwest-aviation.com	
Removed KT-76C P/N 066-01156-0101 S/N 5559 and KA60 pulse antenna. Installed GTX-330ES P/N 011-00455-60 S/N 84148236 and Comant C1105-16 antenna. Installation performed I/A/W installation manual P/N 190-00734-10 Rev 4, installation manual P/N 190-00207-02 Rev U. Also I/A/W STC Number SA01714WI and AML dated 5/1/2013 and amended 4/29/2014. AFMS P/N 190-00734-15 dated 5/1/2013. Removed KI-525A P/N 066-3046-07 S/N 87264, KG102A P/N 060-0015-00 S/N 42474, KA51B P/N 071-1242-01 S/N 27042, T/C P/N 1394T100-3Z S/N 2001-417, KN-72 P/N 066-4009-00 S/N 15803 and Air Gizmo P/N 7691. Installed EFD1000 Pro display P/N 910-00001-001 S/N 14754, ACU P/N 910-00004-001 S/N 14395, Configuration module P/N 910-00005-004 S/N 15902, Remote Sensor (RSM) P/N 910-00003-001 S/N 16239. Installation performed I/A/W Installation Manual P/N 900-00003-001 Revision AX. System installed I/A/W STC Number SA10822SC and AML dated 3/28/2008 and last amended 10/5/2010 Rev 3 I/A/W AFMS P/N 900-00008-001 Revision V. Revised Weight and Balance and equipment list. For further information see FAA Form 337 this date. The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under shop order 11617.		
SIGNATURE <u>[Signature]</u> for CRS MW8R657W		

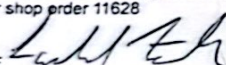
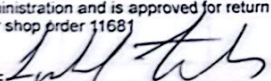
END

Altimeter Model: KEA-130A S/N 29712

SCALE CORRECTION

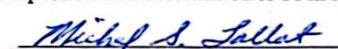
Date		Altitude	Altimeter Reads	Altitude	Altimeter Reads	Maintenance
	Bro	-1000	1000	12,000	11,990	
	For	0	0	14,000	13,990	
	Ice	500	510	16,000	15,980	11
		1000	1010	18,000	17,960	
		1500	1510	20,000	19,950	
	43-	2000	2010	22,000	21,930	er:
		3000	3010	25,000	24,920	
		4000	4005	30,000	29,850	
		6000	6000	XXXXXX	XXXXXX	
		8000	8000	XXXXXX	XXXXXX	
		10,000	10,000	XXXXXX	XXXXXX	
Tested by: Tim Adkison Date: 12/10/2014 At CRS MW8R657W						
Total To Carry Forward						

AIRCRAFT LOG

Date	Date: 1/8/2015	N298AT	Midwest Aviation Services, Inc. PO Box 219 (270)744-8686 Ph 200 Hardy Roberts Dr. (270)744-3466 Fax West Paducah, KY 42086 midwest-aviation.com	Maintenance
	Tach/Hobbs: 2064.8			
	ACTT			
	Installed JPI 830 engine monitor S/N-35881 per J. P. Instruments STC SA2586NM FAA 337 filed. Installed Tanis heater TSP6CYL-2927-115 s/n-49068 as per Tanis Aircraft Products installation instructions. Installed seakant and gasket on left and right fuel sight gauges. Replaced pitot heat and left main gear indicator lamps.			
	The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under shop order 11628			
	SIGNATURE  for CRS MW8R657W			
	Date: 1-16-2015	N298AT	Midwest Aviation Services, Inc. PO Box 219 (270)744-8686 Ph 200 Hardy Roberts Dr. (270)744-3466 Fax West Paducah, KY 42086 midwest-aviation.com	
	Tach/Hobbs: 2066.8			
	ACTT:			
	Removed FUEL/FLOW guage p/n-159753-1 s/n-0014 and installed overhauled guage p/n-159753-1 s/n-0035EC. Ground ran operational check good.			
	The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under shop order 11681			
Total To	SIGNATURE  for CRS MW8R657W			
Carry Forward				

Registration No. _____
T&J Aviation, Inc.
Pontotoc County Airport
Pontotoc, MS (662)419-3534

March 12, 2015 N298AT Hobbs: 2079.1 AFTT: 2079.1
Inspected aircraft in accordance with Piper PA32R-301T and FAR 43, Appendix "D". Lubed in accordance with lube chart. Installed new vacuum regulator filter p/n B3-5-1, main gear tires p/n 606C61B1 (Goodyear Flight Special II), brake linings (both) p/n 066-06200, caliper seals (both) p/n MS28775-222, right strobe flash tube p/n 02-0250286-00 and right rear nav bulb p/n 34-0428070-64. Installed heat shield in both sides of lower cowlings to prevent further heat damage. Checked ELT operation. (Battery due 04/2016) Researched A.D.'s through bi-weekly 2015-04. I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.


Michael S. Tallant A&P 3477617 I.A.

T&J Aviation, Inc.
Pontotoc County Airport
Pontotoc, MS (662)419-3534

August 5, 2015 N298AT Hobbs: 2152.1 AFTT: 2152.1
Installed new alternator control unit p/n B-00368-1, Piper p/n 68804-6 and new alternator inop switch p/n A-00258-2, s/n 80M41608. Operational check performed satisfactory.


Michael S. Tallant 3477617 A&P

AIRCRAFT LOG

T&J Aviation, Inc.

Pontotoc County Airport

Pontotoc, MS (662)419-3534

April 1, 2016

N298AT

Hobbs: 2222.2

AFTT: 2222.2

Inspected aircraft in accordance with Piper PA32-301T Checklist and FAR 43, Appendix "D". Installed new nose tire p/n 505C66-5 (Goodyear FC III), new left rear nav bulb p/n A508-28, induction filter p/n P15-1926 and vacuum regulator filter p/n B3-5-1. Installed an auxiliary power outlet on pilots side with an inline stand alone fuse link per owners request. Researched A.D.'s through bi-weekly 2016-04. Complied with the following A.D.'s: A.D. 84-26-02 (Induction Filter). Next due replacement at 2722.2. Installed new ELT battery p/n 452-0130 and checked operation. (Battery expires 10/2018) I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.

Michael S. Tallant
Michael S. Tallant A&P 3477617 I.A.

T&J Aviation, Inc.

Pontotoc County Airport

Pontotoc, MS (662)419-3534

July 20, 2016

N298AT

Hobbs: 2264.7

Removed failed vacuum pump p/n 215CC, s/n 8K5580 and installed overhauled vacuum pump p/n 215CC, s/n 0AEX20. Operational check performed satisfactory.

Michael S. Tallant
Michael S. Tallant 3477617 A&P

Registration No. _____

T&J Aviation, Inc.

Pontotoc County Airport

Pontotoc, MS (662)419-3534

September 27, 2016

N298AT

Hobbs: 2291.1

Removed King KI 256, p/n 060-0017-00, s/n 23141 and installed King KI 256, p/n 060-0017-00, s/n X17930. Installed new p/n D9-18-1 central vacuum filter. Operational check performed satisfactory.

Michael S. Tallant
Michael S. Tallant 3477617 A&P

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Brought				
Date: 10/6/2016 N298AT				
Hobbs: 2293.9				
Midwest Aviation Services, Inc. PO Box 219 (270)744-8686 Ph. 200 Hardy Roberts Dr. (270)744-3466 Fax West Paducah, KY 42086 midwest-aviation.com				
Removed KC192 P/N 065-0042-15 S/N 1771. Removed horizon KI256 P/N 060-0017-00 S/N 17930. Performed gyro alignment procedure in accordance with installation manual P/N 006-0258-00 Rev 3 dated 4/27/1984.				
Removed GTX330 P/N 011-00455-60 S/N 84148236. Installed new software version 8.02 in GTX330. Provided AFMS P/N 190-00734-15 Rev 2 and ICA P/N 190-00734-11 Rev 4. All work performed in accordance with STC service bulletin 1610 Rev B and SB 1578 Rev A.				
The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under shop order 12620.				
SIGNATURE <u>[Signature]</u> for CRS MW8R657W				
END				
Total To Carry Forward				

Registration No. _____

T&J Aviation, Inc.
 Pontotoc County Airport
 Pontotoc, MS (662)419-3534

April 10, 2017 N298AT Hobbs: 2358.2 AFTT: 2358.2
 Inspected aircraft in accordance with Piper PA32-301T Checklist and FAR 43, Appendix "D". Lubed in accordance with Lube Chart. Installed new right main tire p/n 606C81B1 (6.00-6, 8pr Flight Special II), replaced packings in left brake caliper p/n ms28775-222 and bled, replaced #2 and #3 CHT probes p/n 5050, and replaced vacuum regulator filter p/n B3-5-1. Checked ELT operation. (Battery due 10/2018) Researched A.D.'s through bi-weekly 2017-06. I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.

[Signature]
 Michael S. Tallant A&P 3477617 I.A.

Date: 5/18/2018 N298AT
 Hobbs: 2366.6

Midwest Aviation Services, Inc.
 PO Box 219 (270)744-8686 Ph.
 200 Hardy Roberts Dr. (270)744-3466 Fax
 West Paducah, KY 42086 midwest-aviation.com

Removed KC-192 P/N 065-0042-15 S/N 1771, unit will not hold altitude. Installed exchange KC-140 P/N X2402. System functioning properly.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under shop order 12933. —END—

SIGNATURE [Signature] for CRS MW8R657W

MAINTENANCE LOG

Date

and Standby altimeter and static system test required by FAR 91.411 have been performed.

The Alrdara computer EFD1000 S/N 14754

Standby Altimeter S/N 29712

was tested to 30K feet on 5/5/2017.

Signature *[Signature]* Date 5/5/2017.

I certify that the transponder tests required by FAR 91.413 and AC 43-6B have been performed and found to be satisfactory. Transponder Make: Garmin, Model: GTX330ES S/N: 84148236.

Signature *[Signature]* Date 5/5/2017.

Midwest Aviation Services, Inc. P.O. Box 219 Barkley Field
200 Hardy Roberts Drive West Paducah, KY 42086
FAA Certified Repair Station MW8R657W

T&J Aviation, Inc.

Pontotoc County Airport

Pontotoc, MS (662)419-3534

February 2, 2018

Removed Gill G-243 battery s/n G02764872 and installed Gill G-243 battery s/n G02978522.
Operational check performed satisfactory.

N298AT

Hobbs: 2434.6

[Signature]
Michael S. Tallant 3477617 A&P

Maintenance

Registration No. _____

Date: 2/26/2018 N298AT

Hobbs: 2447.2

Midwest Aviation Services, Inc.

PO Box 219 (270)744-8686 Ph.
200 Hardy Roberts Dr. (270)744-3466 Fax
West Paducah, KY 42086 midwest-aviation.com

Signature

Certificate No.

Removed ACU P/N 910-00004-001 S/N 14395 and installed Aspen warranty exchange ACU P/N 910-00004-001 S/N 17155. System ground checks properly.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Details are on file at this repair station under shop order 13336.

SIGNATURE

[Signature] for CRS MW8R657W

END

T&J Aviation, Inc.

Pontotoc County Airport

Pontotoc, MS (662)419-3534

May 18, 2018

N298AT

Hobbs: 2462.6

AFTT: 2462.6

Inspected aircraft in accordance with Piper PA32R-301T Checklist and FAR 43, Appendix "D". Lubed in accordance with Lube Chart. Installed new tube in right main tire. Replaced vacuum regulator filter p/n B3-5-1. Checked ELT operation. (Battery due 10, 2018) Researched A.D.'s through bi-weekly 2018-10. Complied with A.D. 17/14/04 (Oil Cooler Hoses). I certify that this aircraft has been inspected in accordance with an ANNUAL inspection and determined to be in airworthy condition.

[Signature]
Michael S. Tallant A&P 3477617 I.A.

ADC Model: EFD1000 S/N: 14754

SCALE CORRECTION

Altitude	Altimeter Reads	Altitude	Altimeter Reads
-1000	-1010	12,000	11,950
0	-10	14,000	13,940
500	490	16,000	15,920
1000	990	18,000	17,910
1500	1490	20,000	19,900
2000	1990	22,000	21,880
3000	2990	25,000	24,860
4000	3980	30,000	29,820
6000	5980	35,000	xxxxxx
8000	7970	XXXXXX	XXXXXX
10,000	9960	XXXXXX	XXXXXX

Tested by: Tim Adkison Date: 5/4/2017
At CRS MW8R657W

Standby Altimeter Model: KEA130A S/N: 29712

SCALE CORRECTION

Altitude	Altimeter Reads	Altitude	Altimeter Reads
-1000	-1000	12,000	11,980
0	0	14,000	13,970
500	500	16,000	15,960
1000	1000	18,000	17,950
1500	1500	20,000	19,930
2000	2000	22,000	21,910
3000	3000	25,000	24,890
4000	4000	30,000	29,850
6000	6000	35,000	xxxxxx
8000	7990	XXXXXX	XXXXXX
10,000	9990	XXXXXX	XXXXXX

Tested by: Tim Adkison Date: 5/4/2017
At CRS MW8R657W

Removed Gill G-243 battery s/n G02764872 and installed Gill G-243 battery s/n G02978522.
Operational check performed satisfactory.

Michael S. Tallant
Michael S. Tallant 3477617 A&P

AIRCRAFT LOG

May 25, 2018

N298AT

Hobbs: 2468.3

Installed new 5.00-5 tube in nose tire and serviced to specs.

Michael S. Tallant
Michael S. Tallant 3477617 A&P

Caldwell Aviation

4717 S. Frontage Road Columbus, MS 39701
662-361-8701

June 1, 2019

N298AT

Hobbs: 2480.2

AFTT: 2480.2

Inspected aircraft in accordance with Piper PA32R-301T Checklist and FAR 43, Appendix "D". Lubed in accordance with Lube chart. Installed new 110-4 Artex ELT Battery SN 379361-039 expires 8-2021. Installed 7000 Series LT Sealed Battery SN G7243-14. Replaced 2 feet 1 1/4 scat hose. Researched AD's through 2019-5. Complied with the following AD's: AD 95-26-13 (Oil Cooler Hose Assemblies) and AD 13-02-13 (Horizontal Stabilator Control Cables) as per Piper SB 1245A. I certify this aircraft has been inspected in accordance with a 100 hr / ANNUAL inspection and determined to be in airworthy condition.

Robert S. Caldwell, III
Robert S. Caldwell, III A&P 3256723, I.A.

ACR ELECTRONICS, Inc.
Fort Lauderdale, FL 33312 CAGE Code: 18560
ARTEX PRODUCTS

BATTERY PACK: ELT 110-4
PART NO: 452-0130 REV. P
S.N.: 379361-039
EXP. DATE: AUG/2021

ENV CATC1A/DO183/00000008888 TSO C91a

Total To
Carry Forward

Registration No. _____

and Remarks

Signature

Certificate No.

Caldwell Aviation

4717 S. Frontage Road Columbus, MS 39701
662-361-8701

December 29, 2020

N298AT

Hobbs: 2503.3

AFTT: 2503.3

Inspected aircraft in accordance with Piper PA32R-301T Checklist and FAR 43, Appendix "D". Lubed in accordance with Lube chart. Installed new 110-4 Artex ELT Battery SN 388050-026 expires 4-2023. Installed Concorde Battery RG-24-15M SN 41120778. Installed New Nose Wheel Tire and Tube; Goodyear Flight Custom III 5005 6 ply 505C66-5 SN 03070236 and Goodyear Premium 06-0500 500-5 Tube. Replaced Brake Linings on Left and Right Main Gear PN 66-06200. **Hydrostatic test on oxygen bottle completed; next test due 12/2025.** Installed Alternate Air Control Cable MC 653-658. Researched AD's through 2020-12. Complied with the following AD's: AD 95-26-13 (Oil Cooler Hose Assemblies) and AD 13-02-13 (Horizontal Stabilator Control Cables) as per Piper SB 1245A and AD 84-26-02 (Paper Induction Filters). I certify this aircraft has been inspected in accordance with a 100 hr / ANNUAL inspection and determined to be in airworthy condition.

Robert S. Caldwell, III
Robert S. Caldwell, III A&P 3256723, I.A.

AIRCRAFT LOG

Date	Aircraft Time	Remarks
This Date	Total	
<p align="center">Caldwell Aviation 4717 S. Frontage Road Columbus, MS 39701 662-361-8701</p>		
January 26, 2021	N298AT	Hobbs: 2505.1
Installed Light Landing Gear Warning Assembly PN 85315-003. Operational check performed satisfactory.		
<p align="right"><i>Robert S. Caldwell, III</i> Robert S. Caldwell, III A&P 3256723 I.A.</p>		

MAINTENANCE RECORD

Date: April 30, 2021	Page 1 of 1 Pages	Reg. No: N298AT
Aircraft: Piper PA-32R-301T	Serial #: 3257069	Hour Meter: 2,533.0

The below listed items were accomplished in accordance with the Piper PA-32R-301T Maintenance Manual and other approved or acceptable data as applicable

Work Order 062106121:

- [2700] Autopilot trim inop - removed KC-192 computer p/n 065-0042-15, s/n X2402 & sent out for repair. **INOP PLACARD INSTALLED** Weight removed 2.50 lb. @ FS 67.
- [2701] Fuel flow intermittent - Installed new Aerodynamic Mod. Box p/n 791750 in accordance STC SA2586NM, reference JPI Instruments approval letter dated April 27, 2021. Located left fwd side lower engine firewall. No change to weight balance.

I certify that the above listed items have been completed, and with regard to the above items, that this Aircraft has been approved for return to service.

Signed

Central Flying Service, Inc.
 1501 Bond Street, Little Rock, AR 72202

John White
 John White
 Phone: (501) 375-3245, (800) 888-5387

CRS No. HBKR587E
 FAX (501) 374-2150

Registration No. _____

and Remarks	Signature	Certificate No.
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MAY 27, 2021 LOG BOOK ENTRY N298AT HOBBS: 2546.5 WORK ORDER # 7487

REMOVED SERVO KS 179 P/N 065-0052-17 S/N 20236; SERVO KS 178 P/N 065-0051-08 S/N 5930 & FLIGHT COMPUTER KC 192 P/N 065-0042-15 S/N X2402, SENT TO BEVAN AVIATION, INC FOR REPAIR, REINSTALLED. CHECKED FOR FUNCTIONALITY AND RETURNED AIRCRAFT TO SERVICE.

WEIGHT AND BALANCE NEGLIGIBLE

Michael Jacks
 MICHAEL JACKS
 HEATH AVIATION
 FAA CRS# HVDR337X

AIRCRAFT LOG

DEEP SOUTH AEROSPACE INC.
FAA Approved Repair Station No. 8DAR561C

The requirements of FARs 23.1325, 91.217, 91.411, and 91.413 has been accomplished on DATE 2-1-21, as follows on

(a) Transponder manufacturer GARMIN
Model GTX 500, Serial number: 54148263
Transponder certified I.A.W. FAR 43 appendix E

(b) Altimeter manufacture END
Model 112, Serial number: 14754

Altimeter certified to: 15 K. feet I.A.W. FAR 43 appendix F.

(c) Performed correspondence check on altitude encoder
Manufacturer: NA, Model: KEA 152A

Serial number: 23712, To: 18 K feet

(d) Static system Certified as per FAR 23.1325.

Work Order No. DSA210201-010 Date 2-1-21

Maintenance

I Certifies that the above tests have been performed in accordance with FAR Part 43, Appendix E and the systems tested were found to meet the requirements for FAR 91.411 and 91.217(b).

Signed [Signature]
(Authorized Representative)

Model # KEA SN 23712 Date 2-1-21
Aircraft N298AT Altimeter, Altitude Reporter & Static
System tested I.A.W. part 43, Appendix E for
Total Compliance with FAR 91.411 Altimeter Tested To 18
Corr Work Order DSA210201-010 # 2
Signature [Signature]
Deep South Aerospace Inc. CRS# 8DAR561C

Registration No. _____

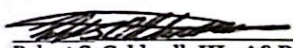
and Remarks	Signature	Certificate No.
<p style="text-align: center;">Caldwell Aviation 4717 S. Frontage Road Columbus, MS 39701 662-361-8701</p>		
<p>August 6, 2021 N298AT Hobbs: 2606.2 Removed and reinstalled Fuel Sender PN 38517-003; Gasket PN 38230-004. Replaced Right and Left Main Tires and Tubes; (2) Goodyear flight Mate Tubes 302-246-401, 06-05300 GL/5 6.00-6 and (2) Goodyear Flight Special Tires 600-6 8 ply 606C81B1 SNs 03175289 and 10645430. Regreased Wheel Bearings. Replaced (8) Rapco Brake Linings 066-06200. Operational check performed satisfactory.</p>	<p style="text-align: center;"><u>[Signature]</u> Robert S. Caldwell, III A&P 3256723, I.A.</p>	

AIRCRAFT LOG

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

Caldwell Aviation
4717 S. Frontage Road Columbus, MS 39701
662-361-8701
N298AT Hobbs: 2643.2

October 1, 2021
Rebuild left and right main gear brake calipers used (P/N) MS28775-222 orings. Serviced with 5606 hydraulic oil. Tested scavenge pump, checked compression, removed turbo charger and clamps, reinstalled overhauled turbo (P/N) 466011-9002 ser#GHL00160. installed new lycoming v band clamps (P/N)s LW-12093-6, LW-12093-5, LW121125-3, 40D23255-340M. Lycoming v band gaskets, (P/N)s 75845, 78084. installed new Lycoming turbo inlet gasket (P/N)s 77813, 18038. Torqued clamps to 85 inch lbs, safety wired clamps. Serviced with 10 qts aeroshell 15W50. Operational check performed satisfactory.


Robert S. Caldwell, III A&P 3256723, I.A.

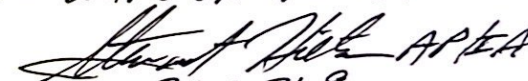
Total To
Carry Forward

Registration No. _____

and Remarks

Signature

10/22/21 N298AT Hours: 2654.8
REMOVED PROPELLER AND REPLACED
ALTERNATOR BELT WITH NEW.
REINSTALLED PROPELLER AND TORQUED
TO SPECS AND SAFETY WIRED BOLTS.
NO LEAKS ON GROUND RUN.


3610769

AIRCRAFT LOG

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

Caldwell Aviation
4717 S. Frontage Road Columbus, MS 39701
662-361-8701

JUNE 29, 2023 N298AT HOBBS: 2676.5 AFTT: 2676.5
Inspected aircraft in accordance with Piper PA32R-301T Checklist and FAR 43, Appendix "D". Lube in accordance with Lube chart. Installed new 110-4 Artex ELT Battery expires 8-1-25. Installed Concorde Battery RG-24-15M SN: 41311649. Installed New Lycoming alternator part#32C22492, SER# H-T043111. Replaced A/C Compressor part# 100821 SER# SA5423. Researched AD's through 2023-06. Complied with the following AD's: AD 95-26-13 (Oil Cooler Hose Assemblies) and AD 13-02-13 (Horizontal Stabilator Control Cables) as per Piper SB 1245A and AD 84-26-02 (Paper Induction Filters). I certify this aircraft has been inspected in accordance with a 100 hr / ANNUAL inspection and determined to be in airworthy condition.

Robert S. Caldwell, III A&P 3256723, I.A.

Total To				
Carry Forward				

Registration No.

CALDWELL AVIATION
4717 S. Frontage Road Columbus, MS 39701
662-361-8701

July 18, 2023 N298AT Hobbs: 2676.5 AFTT: 2676.5
In accordance with 43.9 or 43.11, this aircraft was flown for 1.6 hours for initial engine break-in and test flight.
Operational check performed satisfactory.

Preston Bullard CFII 4367250

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

OCTOBER 2, 2023 LOG BOOK ENTRY N298AT HT: 2678.9 WORK ORDER #7615

REMOVED: GARMIN GNS 530W; GARMIN GTX 330; KING KX 155; PMA 6000M-S; KC 192; AIRSPEED INDICATOR; VERTICAL SPEED INDICATOR; ALTIMETER; CDI INDICATOR KI 204; ATTITUDE INDICATOR KI 256; KAS 297B; ARGUS 7000; FLIGHT COM; EDM 700; DIGITAL DISPLAY MONITOR; (2) OIL PRESSURE TRANSDUCERS; VAC TRANSDUCER; OIL TEMP PROBE; FUEL QUANTITY GAUGE; FUEL FLOW/TIT GAUGE; OIL TEMP/OIL PRESSURE GAUGE; MANIFOLD PRESSURE GAUGE; VAC/CYL HEAD TEMP GAUGE; RPM GAUGE; ASPEN ACU; AIRBORNE VACUUM PUMP; PARKER AUX VACUUM PUMP; AVIONICS FAN KA33; DC-AC INVERTER; KS 178 ROLL SERVO; KS 177 PITCH SERVO; KMT 112; (2) WHELEN STROBES A610; (2) NAV LIGHTS 90071; (2) LANDING LIGHTS GE4594; (L.OB) FUEL SENDER; (R.OB) FUEL SENDER; (L.IB) FUEL SENDER; (R.IB) FUEL SENDER; STROBE POWER SUPPLY; RSM; EFD 1000; AM/FM ANTENNA

INSTALLED: GARMIN GDU 460 P/N 011-02920-05 S/N 350012659; GARMIN GDU 470 P/N 011-04311-05 S/N 59D100173; GARMIN GSU 25D P/N 011-02929-51 S/N 5Q3003518; GARMIN GMU 11 P/N 011-04349-01 S/N 56J108567; GARMIN GTP 59 P/N 011-00978-00 S/N 47973381; GARMIN GPS ANTENNA P/N 011-04036-10 S/N 641005010; GARMIN GAD 29D P/N 011-03236-21 S/N 6V9501798; GARMIN EIS WHICH INCLUDES THE FOLLOWING EQUIPMENT: GARMIN GEA 24 P/N 011-02848-01 S/N 2J2022353; MANIFOLD PRESSURE GAUGE P/N 011-04202-00 S/N 4TG004355; OIL PRESSURE GAUGE P/N 011-04202-30 S/N 4TK008765; OIL TEMP GAUGE P/N T3B3-2.5G S/N B0030; (6) EGT'S; (6) CHT'S; (4) CIES FUEL SENDERS P/N'S CC284022-0810-101

PAGE 1 OF 2

Registration No. _____

(L.O/B) S/N P3550 (R.O/B) S/N P3549 (R.I/B) S/N P3548 (L.I/B) S/N P3551; GARMIN GTN 750Xi P/N 011-04634-01 S/N 5FR051778; GARMIN GMA 35C P/N 011-02299-40 S/N 1T6206561; GARMIN SMART GLIDE SWITCH P/N 011-05930-00 S/N N/A; GARMIN G5 P/N 011-03809-00 S/N 4JQ058247 WITH G5 BATTERY P/N 011-03893-02 S/N N/A; GARMIN GTX 345R P/N 011-03303-02 S/N 7KW001136; GARMIN GMC 507 P/N 011-04548-01 S/N 5H1100614; (3) GARMIN GSA 28 SERVOS P/N'S 011-02927-21, PITCH SERVO S/N 5G9016717, ROLL SERVO S/N 5G9016525, & TRIM SERVO S/N 5G9008984; MCFARLANE TRIM CABLE P/N MC62701-041 S/N N/A; GARMIN GTR 225 P/N 011-02718-40 S/N 6MU002691; GARMIN GSB 15 P/N 011-04937-20 S/N 63M256997

INSTALLED: WHELEN LANDING LIGHT (L) P/N 01-0771833-20 S/N 830933; WHELEN LANDING LIGHT (R) P/N 01-0771833-20 S/N 830931; WINGTIP LIGHT (GREEN) P/N 01-0771733-11 S/N 660494; WINGTIP LIGHT (RED) P/N 01-0771733-12 S/N 661112; AEROLEDS SUNSPOT TAXI LIGHT P/N 01-1030-1-B S/N M24272-034

NEW EMPTY WEIGHT: 2,531.92
NEW EMPTY WEIGHT CG: 86.53
NEW USEFUL LOAD: 1,068.09
NEW MOMENT: 219,082.59

Michael Jacks
MICHAEL JACKS
HEATH AVIATION
FAA CRS# HVDR337X

PAGE 2 OF 2

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
David Heath Owner	Heath Aviation 219 Airport Dr Winona Airport WINONA, MS 38967 662-283-9833		CERTIFIED REPAIR STATON NO HYDRJ37X HA FORM 101	
I CERTIFY THAT THE ALTIMETER, ENCODING SYSTEM, AND STATIC SYSTEM TEST REQUIRED BY CFR 91.411 HAVE BEEN PERFORMED THIS DATE, THE ALTIMETER MAKE, MODEL, & S/N <u>GARMIN, GDU 460, 350012659</u> THE ENCODER MAKE, MODEL, & S/N <u>GARMIN, GSU 25D, 503003518</u> WERE TESTED TO <u>20,000</u> FT.				
SIGNATURE <u>[Signature]</u> DATE <u>10/02/2023</u>				
I CERTIFY THAT THE TRANSPONDER TEST REQUIRED BY CFR 91.413 HAS BEEN PERFORMED THIS DATE AND FOUND TO COMPLY. TRANSPONDER MAKE, MODEL, & S/N <u>GARMIN, GTX 345R, 7KW001136</u>				
SIGNATURE <u>[Signature]</u> DATE <u>10/02/2023</u>				
Instructions for completing these forms is in CFR Part 43 Appendix E and F.				
HA FORM 101 PAGE 1 OF 2				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
David Heath Owner	Heath Aviation 219 Airport Dr Winona Airport WINONA, MS 38967 662-283-9833	CERTIFIED REPAIR STATON NO. HYDRJ37X HA FORM 101
I CERTIFY THAT THE ALTIMETER, ENCODING SYSTEM, AND STATIC SYSTEM TEST REQUIRED BY CFR 91.411 HAVE BEEN PERFORMED THIS DATE, THE ALTIMETER MAKE, MODEL, & S/N <u>GARMIN, GS 430058247</u> WAS TESTED TO <u>20,000</u> FT.		
THE ENCODER MAKE, MODEL, & SN <u>N/A</u>		
SIGNATURE <u>[Signature]</u> DATE <u>10/02/2023</u>		
I CERTIFY THAT THE TRANSPONDER TEST REQUIRED BY CFR 91.413 HAS BEEN PERFORMED THIS DATE AND FOUND TO COMPLY. TRANSPONDER MAKE, MODEL, & S/N <u>N/A</u>		
SIGNATURE _____ DATE _____		
Instructions for completing these forms is in CFR Part 43 Appendix E and F.		
HA FORM 101 PAGE 2 OF 2		

AIRCRAFT LOG

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

Caldwell Aviation
4717 S. Frontage Road Columbus, MS 39701
662-361-8701

June 26, 2023 N298AT ~~PA-32R-301T~~ PIPER SARATOGA II TC PA-32R-301T
SER#3257069 ~~662-361-8701~~ *662-361-8701*

Replaced both left and right aileron due to hanger rash, part# L/H 38650-008, R/H 38650-007. Operational check performed satisfactory.

Robert S. Caldwell, III
Robert S. Caldwell, III A&P 3256723, I.A.

→ HAWKINS JET CENTER →

JACKSON, MISSISSIPPI

N298AT Date 1-9-2024 Hm 2678.9

Total To Carry For

Engine compartment fuel and oil hoses replaced. Tightened lines and serviced oxygen tank. Replaced nose gear down lock springs. Nose gear up stop bolt replaced and adjusted. Stabilator cables replaced and rigged. Replaced and rigged aileron cables p/n's 2ea MC62701-199, 1ea MC62701-200 and 1ea MC62701-201. Adjusted nose gear steering.

Sheldon A Burgess A&P 2159379

Sheldon A Burgess

Registration No.

→ HAWKINS SERVICE CENTER →

JACKSON, MISSISSIPPI

Signature

Certificate No.

N298AT Aircraft Date 10-2-2024 Hour meter & Total Time 2695.3

C/W AD2015-19-07 Fuel injector line inspection. AD2024-14-03 DNA. Software 9.15 installed. ELT inspected per FAR 91 207(d). ELT battery expiration date (8-2025). Aircraft jacked. Cleaned inspected and repacked all wheel bearings. Replaced lt and rt main gear actuators with new p/n SFA232-5. Replaced oring and seals in nose gear actuator. Replaced all actuator hoses. 2ea 565-171, 3ea 565-185, 1ea 565-186 and 1ea 465-287. Rt and lt brake hoses replaced. 2ea 565-148. Resealed both brake cylinders. Replaced all brake pads. Bleed brake system. Greased landing gear. Cycled landing gear. Retract and extension operational check OK. Replaced lt and rt wing fuel gauges p/n 604-000 and sealed mount plates. Serviced brake reservoir. Cleaned fuel strainer. Lubricated aircraft. Engine washed and ground ran. Operational checks OK. No leaks noted.

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

Sheldon A Burgess A&P 2159379 I.A.

Sheldon A Burgess

AIRCRAFT LOG

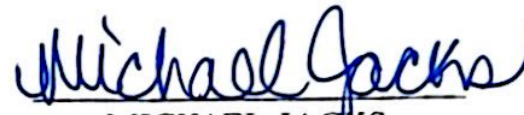
Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

OCTOBER 18, 2023 LOG BOOK ENTRY N298AT HT: 2678.9 WORK ORDER #8065

REMOVED: LAMAR VOLATAGE REGULATOR

INSTALLED: LAMAR VOLTAGE REGULATOR P/N B-00368-2 S/N 80Y70406

WEIGHT AND BALANCE NEGLIGIBLE



MICHAEL JACKS
HEATH AVIATION
FAA CRS# HVDR337X

AD NOTES COMPLIANCE RECORD

Engine - Lycoming Engines - TIO-540-AH1A

AD#	Applicable S.B. # & Subject	Date & Hours @ Comp.	Method of Compliance	One Time	Recurring	Next Comp. @ Hrs/Date	Authorized Signature & Number
84-26-02	Paper induction air filters	12-12-23 hm 2678.9	new filter installed 12-12-2023 hm 2678.9. Replace each 500 hrs.		X	Due ea 500hrs	
2002-19-03	Prevent failure of the crankshaft, which could result in total engine power loss	n/a	n/a by engine logbook entry 1-30-2023		X	n/a	
2003-14-03	Prevent rotary fuel pump leaks	n/a by p/n	n/a by p/n Hartzell pump p/n 200F-5002 s/n LEN030FP installed. 12-12-2023		X	n/a	
2004-05-24	Prevent loss of all engine power and possible forced landing	n/a	n/a by engine logbook entry 1/30/2023		X	n/a	
2004-10-14	CORRECTION - Prevent loosening or failure of the crankshaft gear retaining bolt				X	Due at prop strike	
2004-14-12	CORRECTION - Detect and correct inadequate control wheel attachment design features	8-2-04 hm 996.2	p/c/w 8-2-2004 hm 996.2.		X	na	
2005-19-11	Prevent failure of the crankshaft	p/c/w 1-30-2023	p/c/w 1/30/2023 See engine logbook hm 1752.3		X	n/a	
2007-26-09	To prevent failure of the propeller blade from fatigue cracks in the blade shank radius	n/a 4-16-2008	n/a logbook entry 4,16,2008		X	n/a	
2009-02-03	To prevent a lean running engine	p/c/w 1-30-2023	p/c/w See engine logbook dated 1-30-2023 hm 1752.3		X	n/a	
2010-13-07	Correction - To prevent failure of the V-band exhaust coupling	9-30-2011 hm 1752.3	Rivited clamp installed.		X	n/a	
2010-15-10	To detect and correct any incorrectly assembled control wheel shafts	9-30-2011 hm 1752.3	p/c/w 9/30/2011 Hm 1752.3		X	n/a	
2011-13-03	To prevent seizure of the turbocharger turbine	p/c/w	p/c/w by Quality aircraft accessories by engine logbook entry 1-30-2023		X	n/a	
2012-03-06	To prevent an in-flight shutdown due to a failed fuel servo diaphragm	n/a by eng logbook	n/a by engine logbook entry 1-30-2023		X	n/a	
2012-19-01	To prevent failure of the crankshaft	n/a by eng logbook	n/a by engine logbook entry 1-30-2023.		X	n/a	
2012-02-13	To prevent failure of the horizontal stabilator control system and could result in loss of pitch control	1-9-2024 hm 2678.9	New stabilator control cables installed. 1/9/2024 hm 2678.9.		X	hm 4678.9 or 12/2030	
2015-02-07	Propeller Governor Idler Shaft Set Screw	n/a by model	n/a not aerobatic engine.		X	n/a	
2015-19-07	External Fuel Injector Lines	10-1-24 hm 2695.3			X	ea 100hrs	
2017-14-04	Oil Cooler Hose Asesmbly TSO Requirements	1-9-2024 hm 2678.9	New hoses installed 1/9/2024. Oil cooler hoses meet TSO C53a type D standard.		X	n/a	
2017-16-11	Engine Connecting Rod Assemblies Integrity	p/c/w 1/30/2023			X	n/a	
2023-09-09	Failures of Spot-Welded, Multi-Segment V-Band Couplings	12-1-2023 hm 2678.9	Rivited clamp installed. AD10-13-07 C/W 9/30/2011. N/A per para (d) (4).		X	n/a	
2024-14-03	Autopilot System Software Update	n/a by s/n	n/a by trim servo s/n and software. 9.15 installed as of 10-2-2024		X	n/a	