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37
YEAR
20 24
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

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

8/9/24

7160.5

AIRFRAME LOG

N8743E

August 8 2024

Piper Lance PA32R-300

TACH TIME 7160.5

S/N 32R-7680171

Removed landing gear hydraulic power pack. PN HYC5005 SN AH9808.

Installed overhauled exchange PN HYC5005 SN AH12258 (Aerospace Turbine Rotables WO205211

Bled and topped hyd fluid. Performed landing gear normal & emergency gear swings. Leak & ops check satisfactorily. All work performed I/A/W Piper PA32R-300 service manual.

This aircraft is approved for return to service.


Peter Stephany A&P 231867121 I/A

AIRFRAME LOG
N8743E
C/W FAA SAIB 2024-01 by adding TCW 980.0020 secondary enclosure assembly to the
TCW IBBS-12v-6ah-CRT backup battery system

March 8, 2024
Piper Lance PA32R-300

TACH TIME 7113.3
S/N 32R-7680171


Peter Stephany A&P 231867121 I/A

7121.8
4/23/24

Sarasota Avionics Inc Tampa (TPF)
845 Severn Ave. Tampa, FL 33606
Tail No.: N8743E
Date: 4/23/2027 Work Order: 22794
Tach: 7121.8



UPDATED GTN 650 XI SW FROM 20.31 TO 20.41 IAW SERVICE BULLETIN NO.: 24012 Rev A.
UPDATED GTX 345 SW FROM 2.80 TO 2.85 IAW SERVICE BULLETIN NO.: 24002 Rev A.

I certify all work done to the aircraft and/or component identified above was done in accordance with current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.

 for Sarasota Avionics Tampa, QV0D957X

YEAR 20 <u>23</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Sarasota Avionics Inc. Sarasota Airport (SRQ)

8191 N. Tamiami Trail B2 Sarasota, FL 34243

Date: 8/18/2023 Work Order: 19192



N8743E Make: Piper Model: PA-32B-300 SN: 32R-7680171 Tach time: 7087.3

Owner reported the Garmin G5 PN: 011-03809-00 SN: 4JQ023900 Altitude on right side of the screen displayed a red X. Owner selected the menu and the screen displayed a hardware failure. Garmin provided an

Overhauled Non-Warranty exchange G5. Installed the Overhauled Garmin G5 PN: 011-03809-00 SN: 4JQ066599 in accordance with Garmin G5 Electronic Flight Instrument Part 23 AML STC Installation Manual

190-01112-10 Revision 30, dated March 1, 2023, per STC SA01818WI.

Performed Main Software update Garmin GTN 650xi PN: 011-04631-00 SN: 5FP001433 to version 20.31 in accordance with Part 23 STC Service Bulletin No.: 23074 Revision A, dated, July 25, 2023. Certification

Authorization: SA02019SE-D MDL Revision 41.

Performed Main Software update Garmin GTX 345 PN: 011-04631-00 SN: 5FP001433 to version 3.41 in accordance with STC Service Bulletin No.: 23036 Revision A, dated, August 5, 2023. Certification Authorization:

STC SA01714WI MDL Revision 22.

Performed Main Software update Flightstream Unit ID No. 402013204 to version 2.80 in accordance with STC Service Bulletin No.: 23049 Revision A, dated, May 16, 2023, per CFR 21.619.

I certify all work done to the aircraft and component identified above were done in accordance with current regulations of the Federal Aviation Administration and were found approved for return to service with respect to the work performed.

Larry E. Vieregger

Larry Vieregger for Sarasota Avionics Inc. QV0R957X

YEAR 20 <u>23</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AIRFRAME LOG

N8743E

September 21, 2023

TACH TIME 7092.1

Piper Lance PA32R-300

S/N 32R-7680171

All inspection panels opened. All hinges, pulleys and bellcranks inspected for attachment, damage and lubed. All flight controls inspected for attachment, damage and lubed per mfg instructions. A/C jacked. Landing gear swung through 3 normal and 1 emergency cycle. All wheels removed, bearings cleaned, inspected and repacked. Nose wheel bearings and races replaced with new. Main tires/tubes replaced. All brake linings replaced. Hydraulic system serviced. All lights checked. Tail beacon inop and replaced.

C/W FAR 91.206, ELT inspection. Battery due April 2025

C/W SB 1355A Tee Bar Inspection by visual

C/W SB 856 Stabalator Attach by visual

C/W SB 1242 Rudder Pedal by visual

C/W SB 946 Fuselage Station 73.04 by visual

C/W AD 1978-23-01 Fuel Drain Door by visual

I certify this airframe, using approved check list and FAR Part 43 Appendix "D", scope and detail of a 100/annual inspection and have determined it to be in an airworthy condition at this time.

Robert Stankovic

Robert Stankovic A&P 6619671231

YEAR 20 <u>23</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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wo: 2023-3275

Airframe - page 1 of 1



FlyBoyz Aviation LLC · 3913 S Van Dyke Rd · Marlette, MI 48453 · 989-823-4273

N8743E
TACH: 7060.3

PIPER, PA-32R-300, S/N: 32R-7680171

April 18, 2023

1. Inspected EIS system installation. Rewired EIS system #2 to breakers & switch panel due to wiring errors. Completed satisfactory ignition system checks, ground run, and flight check.
2. Ref 337 form this date: Installed TCW IBBS-12v-6ah-CRT Integrated Battery Backup System IAW STC SA04400NY & TCW Installation Instructions Document Number 725.0017 Rev 1.3. Battery installed inside forward cargo bay aft bulkhead. Owner provided with TCW AFMS Document Number 725.0006 Rev 1.8 & TCW ICA Document 725.0008 Rev 1.5. Weight & Balance sheet revised & inserted into POH. Installed 7.5A & 10A circuit breaker on EIS C/B panel. Weight & Balance/Equipment List updated Installed P/N IBBS-12V-6AH-CRT - TCW12V Backup battery S/N: 20221343.
3. Ref 337 form this date: Installed ElectroAir Backup Battery Panel System Control Panel STC SA04586CH on this airframe IAW Installation Manual EA-26000 Series EIS Back-Up Battery System Panel Installation Manual Document IM EA-26000 Rev 1. Panel installed on pilot's side instrument panel. Owner provided with ElectroAir document package which included AFMS document AFMS EA-26000 Rev 00, ICA document EA-26000 Rev 00, STC & AML. Weight & Balance/Equipment List updated.

With respect to the work performed, this airframe is approved for return to service. Details of work performed are on file with FlyBoyz Aviation LLC under work order: 2023-3275.

Adam Ondrajka A&P/IA 3531616

YEAR 20 <u>23</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AIRFRAME LOG

June 28 2023

TACH TIME 7070.8

N8743E

Piper Lance PA32R-300

S/N 32R-7680171

Hobbs meter inop. Hobbs meter removed

Removed the rear passenger door holder assembly and installed the Door Steward door assist gas spring modification in accordance with STC# SA01120SE, instructions MVA-B40C10M&O, on rear cabin door.

Weight change negligible. Item added to the aircraft equipment list.

Peter Stephany A&P 231867121 I/A

YEAR 20 <u>23</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AIRFRAME LOG

January 27, 2023

TACH TIME 7053.0

N8743E

PIPER LANCE PA32R-300

S/N 32R7680171

Remove alternator P/N 4111810R S/N H-V063702. Installed overhauled alternator P/N 4111810R S/N H-W112735. Operational check - OKAY

PETER STEPHANY A&P 231867121 I/A

2023 JAN. 27 TT 7053 REPLACES VOLT. REGULATOR
P.N. B-00371-1
S/N OFF BOX 6324
S/N ON BOX 77330
GROUND CHECK SATISFACTORY

PETER STEPHANY
A&P 231867121
I/A

YEAR 20 <u>23</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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3/6/23

7056.3

IFR CERTIFICATION

ALTITUDE

Altitude	Scale Error	Tol ±	Friction ±	Case Leak 18,000'	Altitude
-1000	0	20	-	0 ± 100'	
0	0	20	-	Hysteresis ±75'	
500	0	20	-	Altitude	8000
1000	0	20	60	40%	10000
1500	0	25	70	50%	15 ± 30'
2000	0	30	70	After Effect	Barometric Scale Difference
3000	0	30	70	28.10	-1727
4000	0	35	70	28.50	-1340
5000	0	-	70	29.00	-863
6000	0	40	70	29.50	-392
8000	0	60	80	29.92	0
10000	0	80	50	30.50	531
12000	0	90	70	30.90	893
14000	0	100	70	30.99	974
15000	0	-	70	Altitude S/N	4153
16000	0	110	70	Make	United
18000	0	120	70	Model/Part #	5035
20000	0	130	70	Master Altitude P/N & S/N	124-00006/418254
22000	0	140	70	Date Tested	3-6-23
25000	0	155	70	Technician	
30000	0	160	70	Certificate #	JL5R476X
35000	0	180	70		
40000	0	205	70		
45000	0	230	70		
50000	0	255	70		
	0	280	70		

Tested in compliance with FAA FAR 43 Appendix E
Calibrated to 20K Ft. W.O. # RS860
Volusia Aviation, Inc. 923 Beville Road South Daytona, FL 32119 FAA CRS # JL5R476X
386-767-6763

N8743E

The tests required by FAR 91.411, 91.413, & 91.217 have been performed in accordance with FAR 43 appendix E paragraphs a), (b), & (c) and appendix F.

Tested to 20K feet

W.O. # RS860

Altitude Model 5035 s/n 4153
Air Data Computer G15 s/n 439023900
Air Data Computer G15 s/n 439023749
Transponder GTX 345 s/n 3EG010486
Altitude Reporter A-30.9 s/n 139215
Static System (pilot) OK (co-pilot) b10
Signed [Signature] Date 3-6-23
Volusia Aviation, Inc. 386-767-6763 FAA CRS # JL5R476X

YEAR 20 <u>22</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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7/12/22

SRQ Avionics
8191 N. Tamiami Trail B2 Sarasota, FL 34243



Date: 7/12/2022 Work Order: 18675

N8743E; Model: PA-32R-300 SN: 32R7680171 Tach time: 7017.9 Hobbs: 4503.6

GFC500 TRIM FAILURE: Troubleshooted to defective Pitch Trim Servo GSA28 PN 011-02927-11 SN 5G9013730. Removed this servo & installed New Servo GSA28 PN 011-02927-21 SN 6N2004183. Checked G500 software to be current. Found GTN750 Software needs to be updated. Updated GTN650Xi PN 011-04631-00 SN 5FP001433 TP Software to Version: 20.23 IAW STC Service Bulletin No: 22005 Rev A Dated January 7, 2022. Provided customer with AFMS PN 190-01007-C2 Rev 5. Final ramp tested fully operational.

I certify all work done to the aircraft and component identified above were done in accordance with current regulations of the Federal Aviation Administration and were found approved for return to service with respect to the work performed.

Larry Vieregger
Larry Vieregger for Sarasota Avionics Inc. QV0R957X

SRQ Avionics
8191 N. Tamiami Trail B2 Sarasota, FL 34243

Date: 6/2/2022 Work Order: 18639

N8743E; Model: Piper PA32R-300; SN: 32R-7680171; Tach: 7015.2; Hobbs: ~~7026.5~~ 4501.5



Removed KX155 PN: 069-1024-38 SN 38457 Unit, connector and rack. Installed GNC255A COM/NAV PN: 010-02486-30 SN: 6MM012549. New wire added to GAD29B for Arinc 429 functions and new RS-232 was added to GTN650Xi for GPS purposes. C.B. was added to new GNC255A (NAV2). New equipment was installed & Weight & Balance, Equipment List Updated. Ramp tested all fully operational.

I certify all work done to the aircraft and component identified above were done in accordance with current regulations of the Federal Aviation Administration and were found approved for return to service with respect to the work performed.

Larry Vieregger
Larry Vieregger for Sarasota Avionics Inc. QV0R957X

YEAR 20 <u>22</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AIRFRAME LOG

SEPTEMBER 16, 2022

TACH TIME 7047.1

N8743E

PIPER LANCE PA32R-300

S/N 32R-768-171

ALL HINGES, INSPECTION PANELS OPENED. ALL HINGES, PULLEYS AND BELLCRANKS INSPECTED FOR ATTACHMENT, FUNCTION AND DAMAGE. ALL FLIGHT CONTROLS INSPECTED FOR ATTACHMENT, DAMAGE AND CORRECT OPERATION. WINGS AND FUSELAGE STRUCTURE INSPECTED FOR DAMAGE. AIRCRAFT JACKED, ALL WHEELS REMOVED, BEARINGS CLEANED, INSPECTED AND REPACKED. ALL NEW BRAKE LININGS INSTALLED (RA66-10600). LANDING GEAR CYCLED THROUGH 4 NORMAL AND 1 EMERGENCY CYCLE. HYDRAULIC SYSTEM SERVICED. FUEL SYSTEM INSPECTED AND SERVICED. COMPLIED WITH AD 78.23.01 FUEL DOOR INSPECTION. NO DEFECTS NOTED. COMPLIED WITH FAR 91.207 (C) ELT INSPECTION. BATTERIES DUE APRIL 2025. COMPLIED WITH PIPER SB 1242, RUDDER PEDAL ASSEMBLY INSPECTION. COMPLIED WITH PIPER SB 856, STABILIZE ATTACH FITTING CORROSION INSPECTION. REPLACED L/H AILERON O/B HINGE WITH NEW P/N 62371-108. I CERTIFY I HAVE INSPECTED THIS AIRFRAME USING APPROVED CHECKLIST AND FAR PART 43 APPENDIX "D" USING SCOPE AND DETAIL OF A 100HR/ANNUAL INSPECTION AND HAVE DETERMINED IT DO BE IN AN AIRWORTHY CONDITION AT THIS TIME.

Peter Stephany
PETER STEPHANY A&P231867121 I/A

YEAR 20 22	RECORDING TACH	TODAY'S FLIGHT	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE		PIPER PA 32R-300		N8743E S/N 32R-7680171

3/28/2022
77 7007.2

MARCH 28, 2022

TACH TIME 7007.2

COMPLIED WITH PIPER SB 1242 BY VISUAL INSP.

COMPLIED WITH PIPER SB 1244C BY VISUAL INSP. (ANNUAL INSP AUG. 2021)

COMPLIED WITH PIPER SB 1355 BY VISUAL INSP.

1355A

COMPLIED WITH PIPER SB 519A BY VISUAL INSP.

COMPLIED WITH PIPER SB 548 BY VISUAL INSP.

COMPLIED WITH PIPER SB 856 BY VISUAL INSP.

COMPLIED WITH PIPER SB 977 BY VISUAL INSP. (ANNUAL INSP AUG. 2021)

COMPLIED WITH PIPER SB 1006 BY VISUAL INSP. (WING REPLACEMENT SEPT 2017)

COMPLIED WITH 2005-12-06 EAGLE MAGNETO W/O 4565

COMPLIED WITH 2013-02-13 BY VISUAL INSP.

COMPLIED WITH FAR 91.207 ELT INSP. BATTERIES DUE APRIL 2025

PETER STEPHANY A&P231867121

YEAR 20 22	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				

5/4/22

7010.8

SRQ Avionics

8191 N. Tamiami Trail B2 Sarasota, FL 34243

Date: 5/4/2022 Work Order: 18617

N8743E; Model: PA-32R-300 ; SN: 32R-7680171 ; Hobbs: 4494.3 Tach: 7010.8

Removed Davtron Chronometer M800 SN: 14455 and Instrument Services Inc. clock from upper left hand instrument panel and then installed digital CO detector with timer AERO 553 PN: 553-101-001/75-7 SN: 16502. Also installed AERO 553-500 OAT probe. Installation was done in accordance with AERO Installation PN: 01-553-01. This is a minor installation per AC 23.1309-1E and FAR 23.109. Weight and balance change negligible.

Ramp tested operational.

I certify all work done to the aircraft and component identified above were done in accordance with current regulations of the Federal Aviation Administration and were found approved for return to service with respect to the work performed.

Larry Viergever, Larry Viergever for Sarasota Avionics Inc. QVOR957X



YEAR 20 <u>21</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AIRFRAME LOG

SEPTEMBER 01, 2021

TACH TIME 6979.5

N8743E

PIPER RA32R-300

S/N 32R-7680171

ALL INSPECTION PANELS OPENED, ALL HINGES, PULLEYS AND BELLCRANKS INSPECTED FOR SECURITY, ATTACHMENT AND LUBRICATED. ALL FLIGHT CONTROLS INSPECTED FOR DAMAGE ATTACHMENT AND CORRECT OPERATION. AIRFRAME STRUCTURE INSPECTED FOR DAMAGE. ALL WHEELS REMOVED, BEARINGS REMOVED, CLEANED INSPECTED AND REPACKED. NEW FLIGHT SPECIAL TIRES/TUBES INSTALLED ON MAIN LANDING GEAR. NEW BRAKE DISC INSTALLED R/H POSITION. BRAKE /HYDRAULIC SYSTEM SERVICED. LANDING GEAR CYCLED THRU 3 NORMAL AND 1 EMERGENCY CYCLES. ALL FLUID CARRING HOSES AND LINES INSPECTED FOR CORRECT ROUTING, ATTACHMENT AND LEAKS. COMPLIED WITH FAR 91.207 ELT INSPECTION. COMPLIED WITH PIPER SERVICE BULLETIN 1161B RIB ASSEMBLY INSPECTION, VERIFIED INSTALLATION OF DOUBLER L/H WING AND COMPLIED WITH VISUAL INSPECTION R/H WING. I CERTIFY I HAVE INSPECTED THIS AIRFRAME USING APPROVED CHECKLIST AND FAR PART 43, APPENDIX D, SCOPE AND DETAIL OF A 100 HR/ ANNUAL INSPECTION AND HAVE DETERMINED IT TO BE IN AN AIRWORTHY CONDITON AT THIS TIME.

PETER STEPHANY A&P231867121I/A

C/W A.D. 2015-19-07 Full Ins. Lines, BY VISUAL INSPECTION, NO DEFECTS NOTED NEXT DUE @ 7079.5

Stephany A&P 231867121 I/A

YEAR 20 <u>21</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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12/1/21 6986.0

SRQ Avionics
8191 N. Tamiami Trail B2 Sarasota, FL 34243



Date: 12/1/2021 Work Order: 18:43
N8743E; Model: PA-32R-300; S/N: 32R-7680171; Hobbs: 4467.8

- Upgraded GTN650Xi (PN:011-04631-00 SN:5FPC01433) from V20.01 to V20.20 in accordance with Garmin STC SB NO: 2171 Rev B, dated August 2021 per STC SA02019SE-D.
Ramp tested operational.

I certify all work done to the aircraft and component identified above were done in accordance with current regulations of the Federal Aviation Administration and were found approved for return to service with respect to the work performed.

Larry Viergever, Larry Viergever for Sarasota Avionics Inc. QV0R957X

YEAR 20 <u>21</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
SEPT. 01, 2021	ACT 6979.5			C/W A.D. 78.23.01 Full Draw Door. Complies with BY VISUAL / OPERATIONAL CHECK, NO DEFECTS NOTED. NEXT DUE AT ANNUAL
				<i>Peter Stephany</i> Stephany A&P 231867121 I/A

YEAR 20 <u>21</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/16/21	6951.5		N/A	NEW SCALED WEIGHT & BALANCE (SEE POH)
4/6/21	6953.8		N/A	

AIRFRAME LOG ENTRY - N8743E
Date 7/28/2021 Tach 6972.5
Removed Alternator P/N: 4111810 S/N:8895. Installed overhauled alternator
P/N: 4111810R S/N: H-V063702. Removed voltage regulator P/N: B-0037, Installed
replacement voltage regulator P/N: B-00371-1 S/N: 6324. Operational Check - OKAY

 Garrett Cullen AP4143873

YEAR 20 ¹⁹ 21 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AIRFRAME LOG

PIPER PA32R-300

N8743E

S/N 32R-7680171

JAN.26,2021

TACH TIME 6946.8

COMPLIED WITH FAA AD 2020-26-16. AD COMPLIED WITH BY EDDY CURRENT INSPECTION. WORK ACCOMPLISHED BY POWER/AVIATION,INC. WORK ORDER NUMBER 121071-1. NO DEFECTS NOTED. NEXT DUE TACH TIME 11946.8


PETER STEPHANY A&P 231867121

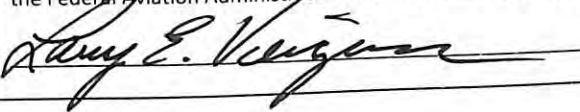
YEAR ²⁰ 21
DATE
3/9/21
TACH
TIME
6948.0

SRQ Avionics
8191 N. Tamiami Trail B2 Sarasota, FL 34243



Date: 3/9/2021 Work Order:18089
N8743E; Model: PA-32R-300; SN: 32R-7680171; Hobbs:4425.7

Removed entire TruTrak autopilot system and PET-1 (SN:13271) to allow for new install.
- Installed GFC500 Autopilot, consisting of the following components, GMC507 (PN:011-04548-01 SN:5H1006384) and 3 GSA28s (PN:011-02927-11 SN:5G9013794, SN:5G9013765, & SN:5G9013730) and interfaced to previously installed dual G5 ATT & HSI, all work was done in accordance with GFC500 Autopilot STC Installation Manual 190-02291-00 Rev 13 dated 2017-2020, per STC SA01866WI.
Submitted form 337 on this date.
- Removed ACK A30 encoder (SN:139215) and installed new GAE 12 (PN:011-03080-00 SN:3T6020004) in accordance with GTX 3XX Part 23 AML STC Installation Manual 190-00734-10 Rev 14 dated Jan 2020.
- Removed KA-60 (PN:071-1174-00) and installed new CI-105 antenna (SN:99293) in accordance with AC43.13-2B CHAPTER 3.
- Removed AK-550-6 (SN:475917), KI-214 (PN:066-3025-01 SN:10181), KX-175B (PN:069-1019-00 SN:42586) and installed serviceable KX155 (PN:069-1024-38 SN:38457) in accordance with Bendix/King KX155-165 installation manual 006-00179-0006 rev 6 and installed serviceable KI-208 (PN:066-3056-00 SN:60892) in accordance with Bendix/King KX175B installation manual 006-00085-0001 rev 1.
Updated weight and balance to reflect changes. Ramp tested operational.
IFR Recertification:
The Altimeters (G5 ATT PN:011-03809-00 SN:4JQ023900, G5 HSI SN:4JQ023749, & United PN:5035P23 SN:4153) have been tested to an altitude of 20,000 feet and was found to comply with App E of 14 CFR 43. The Automatic pressure altitude reporting equipment (GAE12 SN:3T60200004) was tested and found to comply with App E of 14 CFR 43, and calibration is in reporting equipment (GAE12 SN:3T60200004) was tested and found to comply with App E of 14 CFR 43, and calibration is in compliance with 14 CFR 91.217. The GTX 345 transponder (PN:011-03302-00 SN:3EG010486) was tested, inspected and found to comply with App F of 14 CFR 43 and 14CFR 91.413. The Static Pressure system was tested and inspected in accordance with 14 CFR 91.411. ADS-B operational in accordance with 91.227.
Ramp tested operational.
I certify all work done to the aircraft and component identified above were done in accordance with current regulations of the Federal Aviation Administration and were found approved for return to service with respect to the work performed.

 Larry Viergever for Sarasota Avionics Inc. QV0R957X

YEAR 20 <u>17</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AIRFRAME LOG

N8743E

PIPER PA 32-300R

TACH TIME 6935.7 6886.39 (AFS)

AUGUST 05, 2020

ALL INSPECTION PANELS OPENED, ALL PULLEYS, HINGES AND BELLCRANKS INSPECTED FOR SECURITY ATTACHMENT, ALL FLIGHT CONTROLS ~~INSPECTED~~ FOR DAMAGE ATTACHMENT AND CORRECT OPERATION. ALL ~~WHEELS~~ ~~REMOVED~~, ALL BEARINGS CLEANED, INSPECTED AND REPACKED. BRAKES INSPECTED AND SERVICED AS NEEDED. AIRCRAFT PLACED ON JACKS AND LANDING GEAR CYCLED THRU 2 NORMAL AND 1 EMERGENCY CYCLE. ALL LIGHTS CHECKED. AIRFRAME STRUCTURE INSPECTED FOR DAMAGE. ALL WINDOWS AND DOORS INSPECTED. FUEL SYSTEM INSPECTED AND SERVICED. HYDRAULIC SYSTEM SERVICED. AIRFRAME LUBRICATED PER MFG. RECOMENDATIONS. I CERTIFY I HAVE INSPECTED THIS AIR FRAME USING APPROVED CHECKLIST AND FAR PART 43, APPENDIX D, SCOPE AND DETAIL OF A 100HR/ANNUAL INSPECTION AND HAVE DETERMINED IT TO BE IN AN AIRWORTHY CONDITON AT THIS TIME

PETER STEPHANY A&P2318671211/A

YEAR 20 <u>18</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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11/23/20 6938

SRQ Avionics
8191 N. Tamiami Trail B2 Sarasota, FL 34243



Date: 11/23/2020 Work Order:17980
N8743E; Model: PA-32R-300; SN: 32R-768017-1; Hobbs:4415.4

Removed GNS430W (PN:011-01060-45 SN:96304813) and installed GTN650xi (PN:011-04631-00 SN:5FP002318) in accordance with GTN Xi Part 23 AML STC Installation Manual 190-01007-CO Rev 1 dated Jan 2020 per STC SA020195E-D. Submitted form 337 on this date.
Removed GMA340 (PN:011-00401-10 SN:96251687) and installed GMA342 (PN:011-03520-10 SN:3YZ001395) in accordance with GMA342/345 Installation Manual 190-01878-02 Rev 4 dated Sept 2019.
Updated weight and balance to reflect changes.
Ramp tested operational.
I certify all work done to the aircraft and component identified above were done in accordance with current regulations of the Federal Aviation Administration and were found approved for return to service with respect to the work performed.
Larry E. Viergever, Larry Viergever for Sarasota Avionics Inc. QVOR957X

YEAR <u>15</u> 20 <u>20</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/3/20	6930.7			IFR CERTIFICATION

IFR

ALTIMETER

The tests required by FAR 91.411, 91.413, & 91.217 have been performed in accordance with FAR 43 appendix E paragraphs (a), (b), & (c) and appendix F.

W.O. # R2503 Tested to 20K feet

Altimeter Model 5035 s/n 4153 (pilot)

Altimeter Model N/A s/n N/A (co-pilot)

#1 Air Data Computer G5 s/n 419023749

#2 Air Data Computer N/A s/n 419023760

#3 Air Data Computer N/A s/n N/A

#4 Air Data Computer N/A s/n N/A

#1 Transponder GTX 345 s/n 3EG610486

#2 Transponder N/A s/n N/A

#1 Altitude Reporter A30.9 s/n 139215

#2 Altitude Reporter N/A s/n N/A

Static System (pilot) OK (co-pilot) N/A

Signed [Signature] Date 4-7-20

Volusia Aviation, Inc. 386-767-6763 FAA CRS # JL5R476X

Altitude	Scale Error	Tol ±	Friction ±	Case Leak 18,000' ± 100'
-1000	-10	20	-	Hysteresis +75'
0	0	20	-	Altitude
500	+20	20	-	40% 8000 10
1000	+10	20	30 70	50% 10000 10
1500	+10	25	-	After Effect 10 ±30'
2000	+20	30	30 70	Barometric Scale Difference
3000	+10	30	70	28.10 -1730 -1727
4000	+30	35	-	28.50 -1340 -1340
5000	-	-	60 70	29.00 -865 -863
6000	+35	40	-	29.50 -395 -392
8000	+25	60	-	29.92 0 0
10000	+40	80	60 80	30.50 +530 531
12000	+60	90	-	30.90 +895 893
14000	+80	100	-	30.99 +975 974
15000	-	-	70 90	Altitude S/N
16000	+80	110	-	4153
18000	+75	120	-	Make Model Part #
20000	+80	130	60 100	United 5035
22000	-	140	-	Master Altitude P/N & S/N
25000	-	155	120	124-00006/418254
30000	-	180	140	Date Tested
35000	-	205	160	4-7-20
40000	-	230	180	Technician
45000	-	255	-	[Signature]
50000	-	280	260	Certificate # JL5R476X

Tested in compliance with FAA FAR 43 Appendix E
Calibrated to 20K Fl. W.O. # R2503
Volusia Aviation, Inc. 923 Beville Road South Daytona, FL 32119 FAA CRS # JL5R476X
386-767-6763

YEAR <u>16</u> 20 <u>20</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AIRFRAME LOG

32R
PIPER PA34R-300
MAY 05, 2020

N8743E

HOBBS TIME 6930.6

NOSE GEAR RETRACT CYLINDER REMOVED AND REBUILT IN ACCORDANCE WITH SERVICE MANUAL
SECTION 6A. LANDING GEAR CYCLED THRU 3 NORMAL AND 1 EMERGENCY CYCLES FOR OPERATION AND
LEAK CHECK, NO DEFECTS NOTED AT THIS TIME

[Signature]
PETER STEPHANY A&P231867121

2/19/20
AIRFRAME LOG
PIPER PA32R
TACH TIME 6930.6
N8743E
FEB.19,2020
REPLACE ALL BRAKE LININGS, PN RA66-105, RESAEALD BOTH BRAKE CALIPERS , P/N MS28775-222,
SERVICED AND BLED BRAKE SYSTEM. COMPLIED WITH PIPER SERVICE LETTER 1280, RUDDER PEDAL
OBSTRUCTION INSPECTION.
PETER STEPHANY A/P 231867121

YEAR 20 <u>20</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1/1/20	6930.6	Removed entry and aft door seal. Installed new FAA-PMA door seal Part # ADS1200-301-1 & ADS1200-301-23 - accordance with Maint. Instructions - The tags may be found in aft records. END		

AIRFRAME LOG

FEB.19,2020

PIPER PA32R

N8743E

TACH TIME 6930.7

REMOVED AND RESEALED L/R BRAKE CALIPERS, REPLACED ALL BRAKE MASTER CYLINDER HOSES (PILOT/COPILOT SIDES) RESEALED ALL MASTER CYLINDERS (INCLUDING HAND BRAKE), REPLACED ALL BRAKE LININGS, SERVICED AND BLED BRAKE SYSTEM.

PETER STEPHANY A&P231867121

YEAR 20 19 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AIRFRAME LOG

MARCH 22, 2019

PIPER PA 32R-300

N8743E

TACH 6879.19

REMOVED AND REPLACED LEFT/ RIGHT MAIN TIRES AND TUBES. (FLIGHT CUSTOM 2) ALL WORK
ACCOMPLISHED WITH CURRENT MANUFACTURES MANUALS AND STANDARD PRACTICES.

PETER STEPHANY A/P 231867121

5/24	6886.00			REPLACED BATTERY w/ CONCORDE G35ACX SN-41016852 ^{PILOT} Ben Jordan 3475309 Ben Jordan - END
6/18	6886.00			

Saint Aviation - 352-427-0285 - jesse@saintaviation.com
A/C: N8743E

Date: 6-18-2019

Removed attitude indicator, DG and vacuum system; replaced with G5 PFD and HSI. Removed
all engine gauges and installed EI CGR-30P and -30C. Removed auto pilot and installed
TruTrak Vizion auto pilot. Weight change negligible. All 337 forms and ICA's added to
permanent aircraft records and AFMS's added to POH.

Jesse Saint
Jesse Saint IA # 3347635

YEAR 20 19 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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JULY 01 6886.39 COMPLIED WITH THE FOLLOWING MAINT. ITEMS. ALL
INSPECTION PANELS OPENED. ALL HINGES, PULLEYS & BELLCRANKS INSP. FOR
SECURITY & LUBRICATED. ALL FLIGHT CONTROLS INSP. FOR CORRECT OPERATION
SECURITY & DAMAGE. FUSELAGE STRUCTURE INSP. & LUBRICATED PER
MFG RECOMMENDATIONS. WHEELS REMOVED, BEARINGS CLEANED, INSP &
REPAIRED. ALL BRAKE LININGS REPLACES. LANDING GEAR SWUNG THRU
3 NORMAL & 1 EMERGENCY CYCLE. COMPLIED WITH FAR PART 91.207
ELT INSP. BATTERY DUE 03/2020. NEW INDUCTION AIR FILTER INSTALLED
(w) AD 78-23.01, FUEL DOOR, NO DEFECTS NOTED, (w) A.D. 95-26-13 OIL
LOOKS, NO DEFECTS NOTED. I CERTIFY I HAVE INSPECTED THIS AIRFRAME
USING APPROVED CHECKLIST & FAR PART 43, APPENDIX "D", SCOPE &
DETAIL OF A 100HR/ANNUAL INSPECTION AND HAVE DETERMINED IT
TO BE IN AN AIRWORTHY CONDITION AT THIS TIME.

Peter Stephany
Peter Stephany A/P 231867121
1/A.

YEAR 2018 DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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IFR

The tests required by FAR 91.411, 91.413, & 91.217 have been performed in accordance with FAR 43 appendix E paragraphs (a), (b), & (c) and appendix F.

W.O. # R1344 Tested to 20K feet

Altimeter Model 3035 s/n 4153 (pilot)

Altimeter Model D-A s/n D-A (co-pilot)

Air Data Computer D-A s/n D-A

#1 Transponder GT8345 s/n 3EG610486

#2 Transponder D-A s/n D-A

#1 Altitude Reporter A-309 s/n 139215

#2 Altitude Reporter D-A s/n D-A

Static System (pilot) OK (co-pilot) D-A

Signed [Signature] Date 4-26-18

Volusia Aviation, Inc. 386-290-1663 FAA CRS # JL5R476X

ALTIMETER

Altitude	Scale Error	Tol ±	Friction ±	Case Leak 18,000' ± 100'
-1000	0	20	-	Hysteresis ±75'
0	0	20	-	Altitude
500	0	20	-	8000 ±10
1000	0	20	-	50% 10000 ±10
1500	0	20	70	After Effect ±30'
2000	+5	25	70	Barometric Scale Difference
3000	0	30	70	28.10 = 1720 -1727
4000	0	30	70	28.50 = 1330 -1340
5000	0	35	70	29.00 = 870 -863
6000	+10	40	70	29.50 = 370 -392
8000	0	60	80	29.92 = 0
10000	+50	80	80	30.50 = 530 531
12000	+70	90	-	30.90 = 890 893
14000	+70	100	-	30.99 = 970 974
15000	-	-	90	Altitude S/N
16000	0	110	-	4153
18000	0	120	-	Make Model/ Part #
20000	0	130	100	United 5035
22000	-	140	-	Master Altitude P/N & S/N
25000	-	155	120	174-00006/418254
30000	-	180	140	Date Tested
35000	-	205	160	4-26-18
40000	-	230	180	Technician
45000	-	255	-	Signature
50000	-	280	-	Certificate # JL5R476X

Tested in compliance with FAA FAR 43 Appendix E
 Calibrated to 20K FL W.O. # R1344
 Volusia Aviation, Inc. 923 Beville Road South Daytona, FL 32119 FAA CRS # JL5R476X
 386-290-1663

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

N8743E

JUNE 15, 2018

PIPER PA32R-300

S/N 32R-7680171

TACH TIME 6809.47

COMPLIED WITH THE FOLLOWING MAINTENANCE ITEMS, AIRCRAFT RAN FOR OPERATIONAL CHECK, ALL INSPECTION PANELS OPENED, ALL PULLEYS BELLCRANKS AND HINGES INSPECTED FOR SECURITY AND LUBRICATED. ALL FLIGHT CONTROLS INSPECTED FOR SECURITY AND CORRECT OPERATION, AIRCRAFT JACKED, LANDING GEAR CYCLED THRU 3 NORMAL AND 1 EMERGENCY FUNCTIONAL CHECK. ALL WHEELS REMOVED, BEARINGS CLEANED INSPECTED AND REPACKED. NEW LININGS INSTALLED R/H BRAKE. R/H MAIN LANDING GEAR REMOVED FOR SPAR INSPECTION, NO DEFECTS NOTED. ALL CABLE TENSIONS CHECKED. AIRFRAME LUBRICATED PER PIPER MAINTENANCE MALUAL. COMPLIED WITH FAR 91.207 ELT INSPECTION, BATTERY DUE 3/2020. COMPLIED WITH AD 78-23-01 FUEL DOOR, NO FAULTS NOTED. COMPLIED WITH AD 95-26-13 OIL COOLER HOSES, NO DEFECTS NOTED. NEW BRACKET AIR FILTER INSTALLED BA3. I CERTIFY I HAVE INSPECTED THIS AIRFRAME IN ACCORDANCE WITH AN ANNUAL INSPECTION USING APPROVED CHECKLIST AND FAR PART 43 APPENDIX D, SCOPE AND DETAIL OF A ANNUAL INSPECTION AND HAVE DETERMINED IT TO BE IN AN AIRWORTHY CONDITON AT THIS TIME.

PETER STEPHANY A/P 231867121 IA

[Signature]

YEAR 20 <u>17</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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11/17

Airframe Log:

N8743E

KJ
TACH TIME 678.0
6778.0

NOV. 21, 2017

COMPLIED WITH THE FOLLOWING MAINTENANCE ITEMS. REMOVED AND REPLACED FUEL BOOST PUMP, P/N 1B5-6 S/N OFF 4D313. S/N ON 1C89. SYSTEM INSPECTED FOR CORRECT OPERATION AND LEAK CHECK. REMOVED AND REPLACED L/H MAIN WHEEL BEARINGS AND RACES, P/N 13889/13839. INSTALLED AS A MINOR ALTERATION NORSEE APPROVED GARDIAN AVIONICS IFDR PANEL MOUNT IPAD MINI P/N IPM-100 AND USB POWER SUPPLY P/N 200-301B IN ACCORDANCE GAV MANUAL 250-M REV A AND GAV MANUAL 100-M REV A AND IAW 14CFR 43-113 APPENDIX A AND FAA MEMORANDUM AIR-21-8-1602

PETER STEPHANY A/P 231867121

12/19/2017	SB1197E	N/A	N/A	COMPLIED 9/25/2010 SB1197B Jordan PILOT 3475309
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YEAR 20 <u>18</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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3/27/18

Saint Aviation - 352-427-0285 - jesse@saintaviation.com
A/C: N8743E Tach: 6,799.5 Date: 3-27-2018

Removed Transponder and installed Garmin CTX145 transponder with GPS.
Weight change negligible.

Jesse Saint IA # 3347635
Jesse Saint

3/30/18

AIRFRAME LOG

N8743E

MARCH 30, 2018

PIPER PA32R

S/N 32R-7680171

TACH TIME 6802.60

COMPLIED WITH INSTALLATION INSTRUCTIONS OF AIRWOLF FILTER CORP. STC NUMBER SA02268CH, INSTALLATION OF AIRWOLF CORP. AIR OIL SEPERATOR. INSTALLATION COMPLIED WITH IN ACCORDANCE WITH INSTALLATION INSTRUCTIONS NUMBER AFC-W360 REV. C DATED 08/28/2006

PETER STEPHANY A/P 231867121 IA

YEAR 20 <u>17</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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01-JUNE

6754.43

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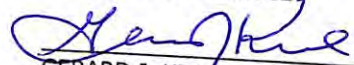
INSPECTED ELT I/A/W FAR 91.207(d) OPS CHECKS SATISFACTORY (BAT DUE MAY 2018)

C/W ALL AD'S THRU 2017-10 (See detailed AD list)

AD 78-23-01 FUEL DRAIN DOOR, NO FAULTS NOTED

AD 95-26-13 OIL COOLER HOSES, INSPECTED NO FAULTS NOTED

THIS AIRCRAFT HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR
" RETURN TO SERVICE"


GERARD J. KRAL

A/P 3396665 I/A
CERT. NO.

09/16/2017

9/16/17

AIRFRAME LOG

-----FND-----
N8743E

TACH TIME 6773.03

COMPLIED WITH THE FOLLOWING MAINTENANCE ITEM.

COMPLIED WITH INSTALLATION INSTRUCTIONS OF STC SA543NE, INSTALLATION OF 100W LANDING
LIGHT IN LEADING EDGE OF EACH WINGTIP, IN ACCORDANCE WITH SKYCRAFT CORPERATION
INSTALLATION DRAWING LIST, REPORT PCL-2 REVISION G DATED DECEMBER 31, 1992.

PETER STEPHANY A/P 231867121

YEAR 20 <u>17</u> DATE	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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9/16/17

AIRFRAME LOG

N8743E

09/16/2017

TACH TIME ~~6773.03~~

6773.03

COMPLIED WITH THE FOLLOWING MAINTENANCE ITEM.

LEFT HAND WING ASSEMBLY REMOVED. SERVICABLE AS REMOVED WING INSTALLED FROM AIRCRAFT
S/N ³²⁸7180100 WING INSTALLED IN ACCORDANCE WITH PIPER MAINTENANCE MANUAL. FUEL TANKS
INSTALLED IN ACCORDANCE WITH PIPER MAINTENANCE MANUAL. FUEL SYSTEM INSPECTED FOR
CORRECT OPERATION AND LEAK CHECK. LANDING GEAR INSTALLED IN ACCORDANCE WITH PIPER
MAINTENANCE MANUAL. LANDING GEAR OPERATED THRU 3 NORMAL AND 1 EMERGENCY CYCLE. LEFT
HAND AILERON INSTALLED AND RIGGED PER PIPER MAINTENANCE MANUAL. LEFT HAND FLAP
INSTALLED IN ACCORDANCE WITH PIPER MAINTENANCE MANUAL. ALL CABLE TENSIONS VERIFIED AND
FLIGHT CONTROLS INSPECTED FOR SECURITY AND CORRECT OPERATION. AIRCRAFT TEST FLOWN FOR
CORRECT OPERATION.

PETER STEPHANY A/P 231867121

YEAR 20 <u>16</u> DATE <u>4/13</u>	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AIRFRAME LOG ENTRY

N8743E
PIPER PA32R-300
TACH HRS. 6723.38

13-NOVEMBER-2016
SN. 32R-7680171

REMOVED LANDING GEAR HYDRAULIC POWER PACK. PN. HYC5005 SN. AH-2775
INSTALLED OVERHAULED EXCHANGE PN. HYC5005 SN. AH9808
(Aerospace Turbine Rotables WO 93449)
REPLACED PUMP MOUNT PN. 96902-000 SN. N/A (Servicable Unit, Preferred Airparts.)

bled and topped of HYD FLUID.PERFORMED LANDING GEAR NORMAL & EMERGENCY GEAR SWINGS
LEAK AND OPS CHECKS SATISFACTORY.

ALL WORK PERFORMED I/A/W PIPER PA32R-300 SERVICE MANUAL.
THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.

Gerard J. Kral
GERARD J. KRAL

A/P 3396665 I/A
CERTIFICATE NO.

N8743E
Piper PA-32R-300
S/N: 32R-7680171

DAYTONA
AIRCRAFT SERVICES

11/28/2016
Tach: 6725.3

Performed the following maintenance:

1. Removed the Nose Wheel Assembly and disassembled. Reassembled the Nose Wheel using a new 5.00x5-6ply Condor Nose Tire and a new Tube, cleaned and repacked the nose wheel bearings.
Operational check found to be satisfactory.

All work was performed with current regulations of the FAA and is approved for return to service. Details are on file at this Repair Station under WO #12787

Daytona Aircraft Services, Inc.
561 Pearl Harbor Drive
Daytona Beach, Florida 32114

Authorized Signature: *[Signature]*

FAA CRS DYTR262K

YEAR 20 <u>17</u> DATE <u>06/01</u>	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AIRFRAME LOG ENTRY

N8743E
PIPER PA32R-300
TACH HRS. 6754.43

01-JUNE-2017
SN. 32R-7680171
AF TT 6754.43

PERFORMED AN ANNUAL INSPECTION I/A/W FAR 43 APDX. (d) AND THE PIPER PA-32R-300 INSPECTION CHECKLIST.

PERFORMED ALL GROUND OPERATIONAL CHECKS, REMOVED ALL REQUIRED INSPECTION PANELS.
JACKED AIRCRAFT AND PERFORMED NORMAL AND EMERGENCY LANDING GEAR FUNCTIONAL CHECKS AND LUBED.

REPLACED RIGHT DOWNLOCK BRACE SWIVEL WITH NEW PN. 78107-02 (REF:AD 97-01-01-R1)
REMOVED ALL WHEELS, DISSASSEMBLED, INSPECTED CLEANED,INSPECTED AND RE PACKED WHEEL BEARINGS, REPLACED BOTH MAIN GEAR TIRES WITH NEW GOODYEAR FLIGHT CUSTOM III & TUBES
SERVICED TIRE PRESSURES, REPLACED 4EA CALIPER O RINGS WITH PN. MS28775-222
REPLACED 8 EA BRAKES LININGS, NEW APS Pn. APS66-10500, BLEED & SERVICED SYSTEM
INSPECTED AND LUBED ALL CABLES, PULLEYS, HINGES & CONTROLS. CHECKED CABLE TENSIONS.
REPLACED AIR FILTER WITH NEW BRACKET BA-3.

REMOVED A/P NAV SITUATION DISPLAY PN. 5D136-1333 SN. 14368A FOR EVALUATION AND REINSTALLED (RUDYS AIRCRAFT INSTRUMENTS)
REMOVED CENTURY 2000 AUTOPILOT CONTROLLER Pn. 1D937-2050316FF18 Sn. 1494F
SENT TO CENTRURY FLIGHT SYSTEMS FOR BENCH TEST/INSPECTION (W/O 87825)
GROUND OPERATIONAL CHECKS, SATISFACTORY.

CONTINUED:

YEAR
20
DATE

①

AIRFRAME LOG ENTRY

N8743E
PIPER PA32R-300
TACH HRS. 6697.80

24-JUNE-2016
SN. 32R-7680171
AF TT 6697.80

PERFORMED AN ANNUAL INSPECTION I/A/W FAR 43 APDX. (d) AND THE PIPER PA-32R-300 INSPECTION CHECKLIST.

PERFORMED ALL GROUND OPERATIONAL CHECKS, REMOVED ALL REQUIRED INSPECTION PANELS. JACKED AIRCRAFT AND PERFORMED NORMAL AND EMERGENCY LANDING GEAR FUNCTIONAL CHECKS AND LUBED.

REMOVED ALL WHEELS, DISSASSEMBLED, INSPECTED CLEANED, INSPECTED AND RE PACKED WHEEL BEARINGS, SERVICED TIRE PRESSURES, REPLACED CALIPER O RINGS WITH PN. MS28775-222 REPLACED 8 EA BRAKES LININGS NEW APS Pn. APS66-10500, BLED & SERVICED SYSTEM INSPECTED AND LUBED ALL CABLES, PULLEYS, HINGES & CONTROLS.

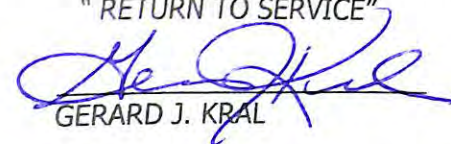
CHECKED AND ADJUSTED CABLE TENSIONS. REPLACED TRIM BARRELL PN. 63530-100, SHAFT PN. 65246-100, 2 EA BUSHINGS PN. 452-413 AND AFT TRIM CABLE PN. 62701-047, RIGGED AS REQ. REPLACED AIR FILTER WITH NEW BRACKET BA-3. REPLACED VACUUM REG FILTER PN. ARB3-5-1

REMOVED A/P NAV SITUATION DISPLAY PN. 5D136-1333 SN. 14368A FOR REPAIR AND REINSTALLED (RUDYS AIRCRAFT INSTRUMENTS W/O 48074) OPS CKS SATISFACTORY.

INSPECTED ELT I/A/W FAR 91.207(d) OPS CHECKS SATISFACTORY (BAT DUE MAY 2018)

C/W ALL AD'S THRU 2016-12 (See detailed AD list)
AD 78-23-01 FUEL DRAIN DOOR, NO FAULTS NOTED
AD 95-26-13 OIL COOLER HOSES, INSPECTED NO FAULTS NOTED

THIS AIRCRAFT HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR " RETURN TO SERVICE"


GERARD J. KRAL

A/P 3396665 I/A
CERT. NO.

-----END-----

15
f
i.)

YEAR
20 16
DATE

RECORDING
TACH
TIME

TODAY'S
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

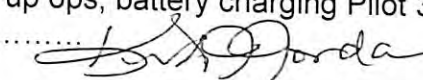
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

9/27/16

6710

-

-

Replaced battery with Gill G35 - SN G02928313
Ground run-up ops, battery charging Pilot 3475309
.....  - END

AIRFRAME LOG ENTRY

N8743E
PIPER PA32R-300
TACH HRS. 6722.50

11-OCTOBER-2016
SN. 32R-7680171

REMOVED A/P HORIZON PN. 52D267M SN. T10112C, SENT TO RUDYS AIRCRAFT INSTRUMENTS FOR REPAIR (OVERHAULED REF:W/O 48494) RE INSTALLED AFTER OVERHAUL.

REPLACED STD-BY VACUUM VALVE SVS III SN. 16318 INSTALLED NEW FAA-PMA SVS V SN. 23862 INSTALLED NEW ON-OFF VALVE FAA-PMA PN. 000V0015-2 SN. N/A

ALL WORK PERFORMED I/A/W PIPER PA32R-300 SERVICE MANUAL PERFORMED GROUND OPERATIONAL CHECKS ALL SATISFACTORY.
THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.


GERARD J. KRAL

A/P 3396665 I/A
CERTIFICATE NO.

-----END-----

Aircraft Record General Information

Manufacturer Piper

Model PA32-R300

Serial 32R7680171

Registration Number N8143E

Date of Manufacture _____

Engine(s) currently installed:

Manufacturer LYCOMING

Model I0540K1G5D Serial L-14080-48A

Manufacturer _____

Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer HARTZEL

Model HCC24R1BF

HUB Model _____

Serial CH34814B Serial _____

Blade Model _____

Serial _____ Serial _____

Blade Model _____

Serial _____ Serial _____

N8743E #2

The Standard
 AIRCRAFT LOG

ASA-SA-2

80

DATE 2015 19	A.D. NUMBER	TOTAL TIME IN SERVICE	Airworthiness Directives Chronological Listing of Compliance and Method of Compliance
24 JUNE			CONTINUED INSPECTED AND LUBED ALL CABLES, PULLEYS, HINGES & CONTROLS.. CHECKED AND ADJUSTED CABLE TENSIONS REPLACED AIR FILTER WITH NEW BRACKET BA-3, REPLACED VACUUM SUCTION FILTER PN. AAD9-18-1 REPLACED 3 EACH MUFFLERS NEW FAA/PMA KNISLEY WELDING INC. (SEE ENG LOG FOR DETAILS) REPLACED MANIFOLD PRESSURE FLEXIBLE LINE FROM #5 CYL TO FIREWALL CONNECTION. INSPECTED ELT I/A/W FAR 91.207(d) INSTALLED NEW DESIGN MOUNTING TRAY PN. 452-3034-1 SN. 053718Z42480582AE, OPS CHECKS SATISFACTORY (BATT DUE/ MAY 2018) C/W ALL AD'S THRU 2015-12 (See detailed AD list) AD 78-23-01 FUEL DRAIN DOOR, NO FAULTS NOTED AD 95-26-13 OIL COOLER HOSES, N/A BY TYPE INSTALLED THIS AIRCRAFT HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR " RETURN TO SERVICE"  GERARD J. KRAL A/P 3396665 I/A CERT. NO. -----END-----

81

DATE 2016 19	A.D. NUMBER	TOTAL TIME IN SERVICE	Airworthiness Directives Chronological Listing of Compliance and Method of Compliance
4/22		6690	CENTRAL FLORIDA AVIONICS & INSTRUMENTS N8743E WO: 16113-2 22 April 2016 Installed remote altitude encoder, Terra AT-3000, S/N 15950 forward of Pilots instrument panel. Connected unit to Garmin GTX 327 transponder S/N 83702264, referencing Manufacturers Installation Manuals. Performed tests required by FAR's 91.413 and 91.217. Details on file this facility under work order 16113-2.  22 April 2016 AUTHORIZED SIGNATURE DATE CENTRAL FLORIDA AVIONICS & INSTRUMENTS LLC. 8812 AIRPORT BLVD. LEESBURG, FL 34788 CRS#: F4LR560Y

73

DATE	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency
2015 4/17/15	6639	Acft: N8743E P32R-300 SN: 32R-7680171 4/17/2015 Remove and discard interior carpets, side panels, seat materials (except frames) and insulation. Paint headliner and all plastic. Prime and paint seat frames. Install a new complete Airtex interior kit <i>Ken Jordan</i> Ken Jordan Pilot 3475309 ***end***
4/30/15	6639	Acft: N8743E SN: 32R-7680171 4/23/2015 Remove and discard all seat belts, including the pilot and co-pilot retract wheels. Installed all new seat belts including the retract wheels <i>Ken Jordan</i> Ken Jordan Pilot 3475309 ***end***

79

DATE	A.D. NUMBER	TOTAL TIME IN SERVICE	Airworthiness Directives Chronological Listing of Compliance and Method of Compliance
2015 24 JUNE			AIRFRAME LOG ENTRY N8743E PIPER PA32R-300 TACH HRS. 6649.49 24-JUNE-2015 SN. 32R-7680171 AF TT 6649.49 PERFORMED AN ANNUAL INSPECTION I/A/W FAR 43 APDX. (d) AND THE PIPER PA-32R-300 INSPECTION CHECKLIST. PERFORMED ALL GROUND OPERATIONAL CHECKS, REMOVED ALL REQUIRED INSPECTION PANELS. JACKED AIRCRAFT AND PERFORMED NORMAL AND EMERGENCY LANDING GEAR FUNCTIONAL CHECKS REPLACED 2EA MAIN GEAR HYDRAULIC HOSES WITH NEW PHT PN.63901-21 & 63901-30 REPLACED 2EA NOSE GEAR HYDRAULIC HOSES WITH NEW PHT PN. 63901-9 & 63901-17 REMOVED ALL WHEELS, DISSASSEMBLED, INSPECTED REASSEMBLED BOTH M/G WITH NEW GOODYEAR FLIGHT SPECIAL II 600X6X6 TIRES & LEAK GARD TUBES CLEANED,INSPECTED AND RE PACKED WHEEL BEARINGS, SERVICED TIRE PRESSURES REPLACED RIGHT SIDE 4 EA BRAKE LININGS NEW CLEVELAND Pn. 66-105, RESEALED BOTH M/G CALIPERS, BLED SYSTEM, REPLACED 2 EACH HYDRAULIC BRAKE HOSES NEW PHT PN. 63901-17 SN. N/A REMOVED ORIGIONAL TACHOMETER. PIPER 551WEU6 SN. 621773 (TACH HRS 6649.49) INSTALLED NEW HORIZON INSTRUMENTS MODEL P-1000-071-608-01 SN. 1505202 TACHOMETER I/A/W STC SA5843NM (FAA/337 FILED AND ADDED TO THE AIRCRAFT RECORDS) ORIG HRS CALIBRATED CONTINUED

76

DATE 2014	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency
14-JUNE		CONTINUED INSPECTED ELT I/A/W FAR 91.207(d) OPS CHECKS SATISFACTORY (BATT DUE MAY 2018) C/W ALL AD'S THRU 2014-10 (See detailed AD list) AD 78-23-01 FUEL DRAIN DOOR, NO FAULTS NOTED AD 95-26-13 OIL COOLER HOSES, INSPECTED NO FAULTS NOTED (TYPE D) GROUND AND FLIGHT LEAK AND OPERATIONAL CHECKS, SATISFACTORY THIS AIRCRAFT HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR " RETURN TO SERVICE"  GERARD J. KRAL A/P 3396665 I/A CERTIFICATE NO. -----END-----

1991 ASA

77

DATE 2015	TOTAL TIME IN SERVICE	Reference of Major Repairs and Major Alterations To FAA Form ACA-337 by Date, or to the Work Order by Number and the Approving Agency								
1/19/2015	6638	 Hawk Aircraft Painting 5980 Tampa Executive Airport Road Tampa, Florida 33610 (KVDF) Tampa Executive Airport Office: 813.623.5819 Fax: 813.441.8949 N 8743E Hobbs Time: 6638 <table border="1" style="width: 100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 60%;">Color:</th> <th style="width: 40%;">Code:</th> </tr> </thead> <tbody> <tr> <td>MATTERHORN WHITE</td> <td>AF-402</td> </tr> <tr> <td>IMPERIAL BLUE MET</td> <td>885141</td> </tr> <tr> <td>ELECTRIC RED</td> <td>499019</td> </tr> </tbody> </table> Aircraft has been stripped, etched, alodined and painted. Flight Controls were static balanced checked and reinstalled.  A.P. 3700212 Date: 4/17/15 END	Color:	Code:	MATTERHORN WHITE	AF-402	IMPERIAL BLUE MET	885141	ELECTRIC RED	499019
Color:	Code:									
MATTERHORN WHITE	AF-402									
IMPERIAL BLUE MET	885141									
ELECTRIC RED	499019									

1991 ASA

DATE 2014 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AIRFRAME LOG ENTRY

N8743E
PIPER PA32R-300
TACH HRS. 6577.0

09-MARCH-2014
SN. 32R-7680171

PERFORMED 50 HR INSPECTION (ALSO SEE ENGINE LOG ENTRY)
INSTALLED NEW GOODYEAR FLT SPECIAL II TIRE 500X5 SN. 32792224, SERVICED
TIRE PRESSURES.

LEAK AND OPERATIONAL CHECKS SATISFACTORY. THIS AIRCRAFT IS APPROVED FOR RETURN TO
SERVICE.


GERARD J. KRAL

A/P 3396665 I/A
CERTIFICATE NO.

-----END-----

DATE 2014 19 14-JUNE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AIRFRAME LOG ENTRY

N8743E
PIPER PA32R-300
TACH HRS. 6597.28

JUNE 14, 2014
SN. 32R-7680171
AF TT 6597.28

PERFORMED AN ANNUAL INSPECTION I/A/W FAR 43 APDX. (d) AND THE PIPER PA-32R-300 INSPECTION
CHECKLIST.

PERFORMED ALL GROUND OPERATIONAL CHECKS, REMOVED ALL REQUIRED INSPECTION PANELS.
JACKED AIRCRAFT AND PERFORMED NORMAL AND EMERGENCY LANDING GEAR FUNCTIONAL CHECKS
DISSASSEMBLED NOSE STRUT ASSY, INSTALLED NEW INNER TUBE ASSY PIPER Pn. 67148-000
SNAP RING PN. 484-732 , SHIM WASHER PN. 62833-045, BEARING 452-596 AND STRUT KIT PN. JMPRNS1
REINSTALLED, LUBED AND SERVICED AS REQUIRED
REPLACED NOSE GEAR ACTUATOR SEALS, PIPER PN. 485-114, 756-053 & 485-114
CLEANED,INSPECTED AND RE PACKED WHEEL BEARINGS, SERVICED TIRE PRESSURES
REPLACED 8 EA BRAKES LININGS NEW CLEVELAND Pn. 66-105 / NEW RT DISC PN. APS164-02300
REMOVED VACUUM PUMP PN. RA215CC SN. A29984 , INSTALLED NEW TEMPEST PN. AA321C SN. 03JM20
INSPECTED AND LUBED ALL CABLES, PULLEYS, HINGES & CONTROLS.
REPLACED 2 EA AFT TRIM PULLEYS, PIPER PN. 481-613
CHECKED AND ADJUSTED CABLE TENSIONS
REPLACED AIR FILTER WITH NEW BRACKET BA-3
REPLACED COWLING LATCH ASSY WITH NEW PIPER PN. 69917-000
CLOSED ALL AREAS OPENED FOR INSPECTION.

CONTINUED

DATE 19 <u>2013</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11/1/13	6563.7			FAA - PMA This tag certifies that Sky-Tec Model No. <u>149-NL</u> Serial No. <u>FN-371345</u> was manufactured new on <u>17 Sep 2011</u> by Sky-Tec under the authority of FAA-PMA No. PQ0852SW Supplement No. <u>7</u> in accordance with Sky-Tec's FAA-Approved Quality System (14CFR Part 21, Subpart K). This article has been determined to be airworthy. For installation eligibility see www.skytecair.com/eligibility.htm Starter Installed on <u>N 8743E</u> by <u>[Signature]</u> (Aircraft) (Mechanic) <u>A/P 3396665</u> <u>01-NOV-2013</u> Form CC1108-1

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
19 <u>2014</u>				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

N 8743E **CENTRAL FLORIDA**
AVIONICS & INSTRUMENTS

I certify that the Altimeter, Static System and Automatic Altitude Reporting has been certified to tests required under FAR 91.411 and FAR 91.413

The Altimeter Make United Model 5035 P23
S/N 4153 was tested to 20,000 Ft and meets
The requirements of FAR 43, Appendix E

The Transponder Make Garmin Model GTX327
S/N 83702264 was tested and Found to meet the requirements
of FAR 43, Appendix F.

Recertify 24 months from date below
Details on file under W/O # 14063-3 Date 3-4-14

[Signature]
Authorized Signature for:
Central Florida Avionics and Instruments LLC.
8812 Airport Blvd.
Leesburg, FL 34788 FAA CRS # F4LR560Y

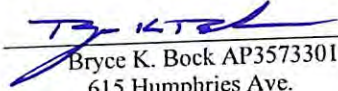
SN 4153

ALTITUDE FT.	ALTIMETER READS	ALTITUDE FT.	ALTIMETER READS
1000	-15	12000	+55
0	-15	14000	+55
500	-15	16000	+45
1000	-15	18000	+60
1500	-15	20000	+55
2000	-5	22000	
3000	-5	25000	
4000	+10	30000	
6000	+20	35000	
8000	+30		
10000	+35		

SN 4153

Date 3/4/14 Tested by [Signature] W/O 14063-3
CRS F4LR560Y

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2013				
AUGUST				
				AIRFRAME LOG ENTRY
				N8743E
				PIPER PA32R-300
				TACH HRS. 6550.75
				19-AUGUST-13
				SN. 32R-7680171
				JACKED AIRCRAFT, REPLACED NOSE GEAR DOWN AND LOCK MICRO SWITCH PN. 67411-021 FABRICATE AND REPLACED NOSE GEAR DOORS UPPER STOP BRACKET. PERFORMED NORMAL AND EMERGENCY GEAR SWINGS, OPS CHECKS SATISFACTORY
				REPLACED UPPER COWLING FASTINERS WITH NEW NUT PLATES
				WORK PERFORMED I/A/W PA32R-300 SERVICE MANUAL THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.
				 GERARD J. KRAL
				A/P 3396665 I/A CERTIFICATE NO.
				-----END-----
10/22/13	6555.0	—	—	Replaced battery w/ Gilt G35-SN G-02790610 Ground run-up ops, battery charging <i>Gerard J. Kral</i> PILOT-3415309 END

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
10/26/13	6557.2			Aviation One Maintenance & Modification, Inc. AIRFRAME LOG ENTRY Piper PA-32R-300 Lance s/n 7680171 N8743E October 26, 2013 Jacked the aircraft and removed the nose wheel assembly. Disassembled the nose wheel and inspected the tire. Installed a new 5.00X5 tube assembly and reassembled the nose wheel with the serviceable tire. Cleaned, inspected, and repacked the wheel bearings. Reinstalled the wheel assembly and leak checked. All work done in accordance with the Piper PA32R-300 maintenance manual. This aircraft is approved for return to service for work performed. Details on file under work order 13-3495.   Bryce K. Bock AP3573301 615 Humphries Ave. Orlando Executive Airport (KORL) Orlando, Florida 32803  <u>END</u>

DATE 2013 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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JUNE

N8743E
PIPER PA32R-300
TACH HRS. 6530.25

AIRFRAME LOG ENTRY

JUNE 01, 2013
SN. 32R-7680171
AF TT 6530.25

PERFORMED AN ANNUAL INSPECTION I/A/W FAR 43 APDX. (d) AND THE PIPER PA-32R-300 INSPECTION CHECKLIST.

PERFORMED ALL GROUND OPERATIONAL CHECKS, REMOVED ALL REQUIRED INSPECTION PANELS. JACKED AIRCRAFT AND PERFORMED NORMAL AND EMERGENCY LANDING GEAR FUNCTIONAL CHECKS. REMOVED ALL WHEELS, DISSASSEMBLED, INSPECTED REASSEMBLED M/G WITH NEW GOODYEAR FLIGHT SPECIAL II 600X6X6 TIRES & LEAK GARD TUBES. REPLACED NOSE TIRE WITH NEW GOODYEAR FLIGHT SPECIAL II 500X5 AND NEW LEAK GARD TUBE. CLEANED, INSPECTED AND RE PACKED WHEEL BEARINGS, SERVICED TIRE PRESSURES. REPLACED 8 EA BRAKES LININGS NEW CLEVELAND Pn. 66-105

INSPECTED AND LUBED ALL CABLES, PULLEYS, HINGES & CONTROLS. C/W SB 1245 / STABILATOR CONTROL SYSTEM INSPECTION, NO FAULTS NOTED. CHECKED AND ADJUSTED CABLE TENSIONS. REPLACED AIR FILTER WITH NEW BRACKET BA-3

INSTALLED FRONT CABIN DOOR PISTON I/A/W STC SA01120SE / FAA-337 ADDED TO AIRCRAFT RECORDS

CONTINUED

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DATE 2013 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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JUNE

CONTINUED

INSPECTED ELT I/A/W FAR 91.207(d) INSTALLED NEW BATTERY PACK
OPS CHECKS SATISFACTORY (BATT DUE MAY 2018)

C/W ALL AD'S THRU 2013-10 (See detailed AD list)

AD 78-23-01 FUEL DRAIN DOOR, NO FAULTS NOTED
AD 95-26-13 OIL COOLER HOSES, INSPECTED NO FAULTS NOTED (RECOMMEND REPLACE 8 YRS)
AD 13-02-13 STABILATOR TURNBUCKLE INSP. C/W I/A/W PIPER SB 1245

THIS AIRCRAFT HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR
" RETURN TO SERVICE"

Gerard J. Kral
GERARD J. KRAL

A/P 3396665 I/A
CERTIFICATE NO.

-----END-----

ACR ELECTRONICS, Inc.
Artex Products - CAGE Code 60253
Fort Lauderdale, FL 33312

LOG BOOK ENTRY

ELT BATTERY

REPLACEMENT DATE

5/2013
EXP 5/2019

66

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 2012			2012	ANNUAL

CONTINUED:

INSPECTED ELT I/A/W FAR 91.207(d), OPS CHECKED SATISFACTORY (BATT DUE MAY 2013)

C/W ALL AD'S THRU 2012-12 (See detailed AD list)
AD 78-23-01 FUEL DRAIN DOOR, NO FAULTS NOTED

C/W PIPER SERVICE BULLETIN 1245 / STABILATOR CONTROL SYSTEM, NO FAULTS NOTED
NEXT DUE 7 YEARS OR 2000 HOURS.

THIS AIRCRAFT HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR
" RETURN TO SERVICE"


GERARD J. KRAL

A/P 3396665 I/A
CERTIFICATE NO.

-----END-----

67

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 2012				

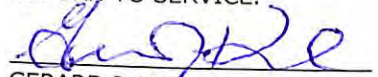
AIRFRAME LOG ENTRY

N8743E
PIPER PA32R-300
TACH HRS. 6474.0

13-JUNE-2012
SN. 32R-7680171

REMOVED LAMAR TECHNOLOGIES VOLTAGE CONTROL PN. B-00371-1 SN. 6324
INSTALLED NEW VOLTAGE CONTROL PN. B-00371-1 SN. 80J37910
OPERATING VOLTAGE 13.7 TO 14.1 VOLTS, OPERATIONAL CHECKS SATISFACTORY

ALL WORK PERFORMED I/A/W PA32R-300 SERVICE MANUAL. THIS AIRCRAFT IS APPROVED FOR
RETURN TO SERVICE.


GERARD J. KRAL

A/P 3396665 I/A
CERTIFICATE NO.

-----END-----

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
29 <u>2012</u>				
4/27/12				

Waterford Aviation, Inc. 2121 Airport Rd. Waterford, MI 48327 (248) 666-3333 (248) 666-1094 fax
MX@PontiacFlight.com www.WaterfordAviation.com

Registration: N8743E Type: Piper PA32R-300 S/N: 32R-7680171

Date: April 27, 2012 Hobbs: 3898.2

Troubleshoot alternator system for overcharge/inoperative condition. Found battery to not be accepting charge. Replaced battery with new Gill G35S battery – ground run up operations and charging good. All work done IAW Piper PA32R-200 Service Manual.-END-

M.D. Mall AP2834063

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 2012				ANNUAL

AIRFRAME LOG ENTRY

N8743E
PIPER PA32R-300
TACH HRS. 6473.10

JUNE 09, 2012
SN. 32R-7680171
AF TT 6473.10

PERFORMED AN ANNUAL INSPECTION I/A/W FAR 43 APDX. (d) AND THE PIPER PA-32R-300 INSPECTION CHECKLIST.

PERFORMED ALL GROUND OPERATIONAL CHECKS, REMOVED ALL REQUIRED INSPECTION PANELS.
JACKED AIRCRAFT AND PERFORMED NORMAL AND EMERGENCY LANDING GEAR FUNCTIONAL CHECKS
REMOVED WHEELS, INSPECTED BRAKES, CLEANED, INSPECTED AND RE PACKED WHEEL BEARINGS
INSTALLED NEW CLEVELAND BRAKE ASSY WITH NEW PN. 30-65 SN. N/A
REPLACED 2 EA CALIPER O-RINGS ON LEFT SIDE WITH 2 MS28775-222, & 4 EA CLEVELAND 66-105
LININGS
INSPECTED AND LUBED ALL CABLES, PULLEYS, HINGES & CONTROLS
REPLACED 2 EA AILERON CONTROL PULLEYS AT WING TO FUSELAGE WITH NEW PN. MS20220-1
CHECKED AND ADJUSTED CABLE TENSIONS,
CLEANED AND INSPECTED FUEL VALVE STRAINER, REPLACED O RING WITH NEW PN. MS29513-043
REPLACED R/H AND L/H LOWER GEAR DOOR HINGES AND HINGE PINS, PN. 67093-004 LH &
67093-005 R/H CHECKED GEAR DOOR RIGGING
REPLACED AIR FILTER ELEMENT WITH NEW BRACKET BA-3

CONTINUED:

62

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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JAN 13
6435.8

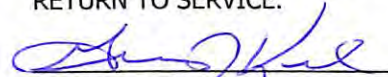
AIRFRAME LOG ENTRY

**N8743E
PIPER PA32R-300
TACH HRS. 6435.8**

**13-JAN-2012
SN. 32R-7680171**

REMOVED CENTUY NCD (HSI) PN. 52D136 / SN. 14368A FOR REPAIR. SENT TO RUDYS AIRCRAFT INSTRUMENTS, REF W/O 42241.
RE INSTALLED AFTER OVERHAUL, OPS CHECKED SATISFACTORY

ALL WORK PERFORMED I/A/W PA32R-300 SERVICE MANUAL. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.


GERARD J. KRAL

A/P 3396665 I/A
CERTIFICATE NO.

-----END-----

63

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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MAR 2 6445.2

**CENTRAL FLORIDA
AVIONICS & INSTRUMENTS**

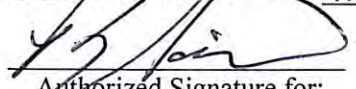
N 8743E

I certify that the Altimeter, Static System and Automatic Altitude Reporting has been certified to tests required under FAR 91.411 and FAR 91.413

The Altimeter Make United Model 5035-P23
S/N 4153 was tested to 20,000 Ft and meets

The requirements of FAR 43, Appendix E
The Transponder Make Garmin Model GTX327
S/N 83702264 was tested and Found to meet the requirements of FAR 43, Appendix F.

Recertify 24 months from date below
Details on file under W/O # 12062-2 Date 3-2-12


Authorized Signature for:

Central Florida Avionics and Instruments LLC.
8812 Airport Blvd.
Leesburg, FL 34788 FAA CRS # F4LR560Y

600

DATE 2011	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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ANNUAL
04-JUNE

CONTINUED.....

C/W ALL AD'S THRU 2011-08 (See detailed AD list)

AD 78-23-01 FUEL DRAIN DOOR, NO FAULTS NOTED

AD 95-26-13 OIL COOLER HOSES, INSPECTED NO FAULTS NOTED

THIS AIRCRAFT HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR
" RETURN TO SERVICE"

 GERARD J. KRAL
A/P 3396665 I/A
CERTIFICATE NO.

-----END-----

10/7/2011	6424.6			
10/17/2011	6424.6			

Removed Garmin GNS-430W SN: 96304813, sent to
Garmin for repair, and reinstalled. System checks good
IAW Garmin installation manual. See wo: 11277-1 for
details.


 Authorized Signature
10-13-11
Date
 8812 Airport Blvd.
 Leesburg International Airport
 Leesburg, FL 34788
 CRS#: F4LR560Y

CENTRAL FLORIDA
 AVIONICS & INSTRUMENTS

601

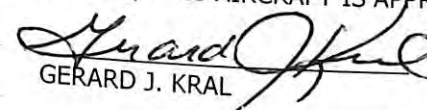
DATE 2011	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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AIRFRAME LOG ENTRY

N8743E
PIPER PA32R-300
TACH HRS. 6425.05
05-NOV-2011
SN. 32R-7680171

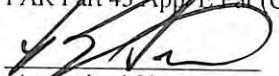
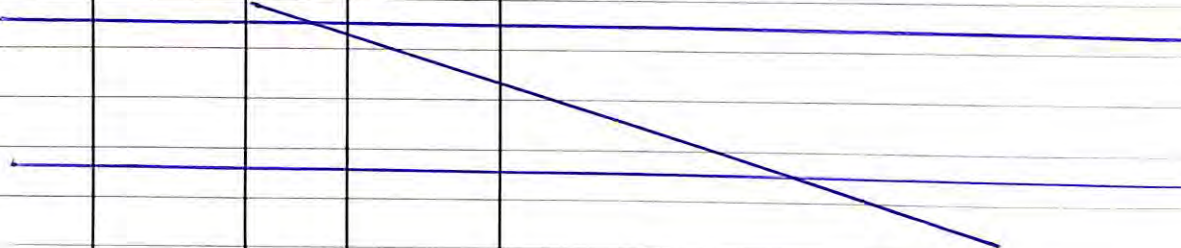
REMOVED NOSE GEAR STRUT ASSY, CLEANED INSPECTED AND RESEALED WITH NEW
FAA/PMA SEAL KIT JM# JMPNS1, REINSTALLED AND SERVICED WITH MIL-H 5606 AND NITROGEN AS
REQUIRED,
REMOVED HEATER BOX, CLEANED AND PAINTED, REPLACED HARDWARE, INSTALLED
NEW SCATT DEFROSTER HOSE. OPS CHECKS SATISFACTORY
REMOVED PROPELLER, REPLACED ALTERNATOR BELT WITH NEW GATES MFG# 9390
INSTALLED NEW PIPER LANDING LIGHT BEZEL PIPER Ph.65372-00
REPLACED R/H CALIPER O RINGS Ph. MS28775-222 & 4 EA CLEVELAND 66-105 LININGS
BLED BRAKE AND TOPPED OF HYD FLUID.

ALL WORK PERFORMED I/A/W PA32R-300 SERVICE MANUAL PERFORMED GROUND OPERATIONAL
CHECKS, THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.


 GERARD J. KRAL
A/P 3396665 I/A
CERTIFICATE NO.

-----END-----

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DATE 2011 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
5/4/2011	6380.5			N8743E CENTRAL FLORIDA AVIONICS & INSTRUMENTS I certify that the altitude reporting system was tested as required by FAR 91.413. Transponder Make <u>Garmin</u> Model <u>GTX-327</u> S/N <u>83702264</u> was tested and found to meet FAR Part 43 App E Par (C).  <u>5/4/11</u> (Authorized Signature) Date FAA Approved Repair Station # F4LR560Y 8812 Airport Blvd. Leesburg, FL 34788
				

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DATE
2011
19

ANNUAL

AIRFRAME LOG ENTRY

N8743E
PIPER PA32R-300
TACH HRS. 6385.06

JUNE 04, 2011
SN. 32R-7680171
AF TT 6385.06

PERFORMED AN ANNUAL INSPECTION I/A/W FAR 43 APDX. (d) AND THE PIPER PA-32R-300 INSPECTION CHECKLIST.

PERFORMED ALL GROUND OPERATIONAL CHECKS, REMOVED ALL REQUIRED INSPECTION PANELS. JACKED AIRCRAFT AND PERFORMED NORMAL AND EMERGENCY LANDING GEAR FUNCTIONAL CHECKS

REMOVED ALL WHEELS, DISSASSEMBLED, INSPECTED (PREPPED AND REPAINTED AS REQ)

REASSEMBLED M/G WITH NEW GOODYEAR FLIGHT SPECIAL II 600X6X6 TIRES & TR-87 70 TUBES

REPLACED 8 EA BRAKES LININGS, NEW CLEVELAND Pn. 66-105 & BRAKE DISCS Pn. RA164-023

CLEANED, INSPECTED AND RE PACKED WHEEL BEARINGS

REPLACED BOTH MAIN GEAR STRUT SEALS WITH NEW FAA/PMA KIT# JMRMS1, REPLACED M/G TORQUE LINK HARDWARE AS REQ. SERVICED STRUTS WITH MIL-H-5606 AND NITROGEN.

REPLACED 4 EA AILERON HINGES WITH FAA/PMA 62371-108 I/A/W STC SA3097SO (FAA-337 FILED)

REPLACED 3 EA LEFT TRIM TAB HINGES WITH FAA/PMA CA63560-002 AND 1 EA CA63560-003

INSTALLED 3 EA NEW FAA/PMA TRIM HINGE PINS, PN'S CA62002-002, CA62002-003 & CA62002-004

INSPECTED AND LUBED ALL CABLES, PULLEYS, HINGES & CONTROLS.

CHECKED AND ADJUSTED CABLE TENSIONS

CLEANED AND INSPECTED FUEL VALVE STRAINER, REPLACED SEAL NEW MS29513-043

REMOVED PIPER ELEC TRIM, CLEANED AND RE ADJUSTED CLUTCH ASSY, OPS CHECKED SATISFACTORY

REPLACED AIR FILTER WITH NEW BRACKET BA-3

PERFORMED RE-WEIGHING OF AIRCRAFT, WEIGHT AND BALANCE UPDATED BY OWNER.

INSTALLED AVEO ENGINEERING LED NAV/STROBE LIGHT UPGRADE (SEE FAA-337 FOR DETAILS)

INSPECTED ELT I/A/W FAR 91.207(d) OPS CHECKS SATISFACTORY (BATT DUE MAY 2013)

CONTINUED.....

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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 <u>2011</u>		8		
1/7/2011	6355			REPLACED BATTERY W/ NEW GILL E-355 SN G02541980 PART # 11-01679 Kirk Janda PILOT 3475309

AIRFRAME/ENG LOG ENTRY

N8743E
PIPER PA32R-300
TACH HRS. 6355.56

JANUARY. 15, 2011
SN. 32R-7680171

PERFORMED 50 HR INSPECTION, DRAINED OIL, CLEANED AND INSPECTED OIL SUMP SCREEN.
CUT OPEN AND INSPECTED OIL FILTER, NO ABNORMALITIES FOUND. PERFORMED OIL
ANALYSIS. (Sent to Aviation Labs, Copy added to Aircraft Records)
REPLENISHED WITH 9 QTS AEROSHELL W100 AND NEW CHAMPION CH48103-1 OIL FILTER

LEAK AND OPERATIONAL CHECKS SATISFACTORY. THIS AIRCRAFT IS APPROVED FOR RETURN TO
SERVICE.


GERARD J. KRAL

A/P 3396665 I/A
CERTIFICATE NO.

-----END-----

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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 <u>2011</u>				

AIRFRAME LOG ENTRY

N8743E
PIPER PA32R-300
TACH HRS. 6367.0

APRIL 4, 2011
SN. 32R-7680171

REMOVED CLEVELAND SHIMMY DAMPER PN. 15-9 / SN. 381
DISSASSEMBLED, INSPECTED AND REPLACED ALL SEALS AND SERVICED I/A/W CLEVELAND
CM15-2 OVERHAUL INSTRUCTIONS FOR SHIMMY DAMPERS.
REINSTALLED WITH NEW AN4-13A & AN417A BOLTS

REMOVED UPPER AND LOWER NOSE GEAR TORQUE LINKS, REPLACED UPPER AND LOWER
GEAR BUSHINGS WITH 4 EA PN. 67026-007 AND 2 EA AN175-32 BOLTS.
REPLACED LINK BUSHINGS WITH 2 EA NEW PN. 452-366 AND 1 EA AN174-13 BOLT.
RE INSTALLED & LUBED AS REQUIRED. WORK PERFORMED I/A/W PA32R-300 SERVICE MANUAL

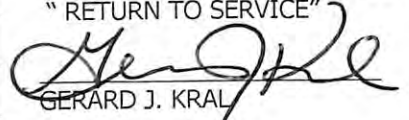
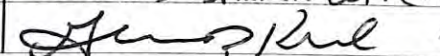
PERFORMED GROUND OPERATIONAL CHECKS, THIS AIRCRAFT IS APPROVED FOR RETURN TO
SERVICE.


GERARD J. KRAL

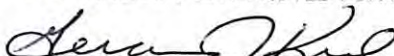
A/P 3396665 I/A
CERTIFICATE NO.

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54

DATE 2010 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Cont:				
				INSPECTED ELT I/A/W FAR 91.207(d), FAILED (Removed for repair & placarded) Note: I/B ELEC FUEL GAGES ERRATIC OPERATION, O/B TANKS OPERATE NORMAL I/B TANK VISUAL SITE GAGES ACCURATE (Owner rescheduled repair)
				C/W ALL AD'S THRU 2010-12 (See detailed AD list) AD 78-23-01 FUEL DRAIN DOOR, NO FAULTS NOTED AD 95-26-13 OIL COOLER HOSES, NO FAULTE NOTED
				THIS AIRCRAFT HAS BEEN FOUND TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR " RETURN TO SERVICE"
				 GERARD J. KRAL
				A/P 3396665 I/A CERTIFICATE NO.
				-----END-----
27-JUN-10	6308.5			RE INSTALLED ELT AFTER REPAIR BY COBHAM AVIONICS, SEE W/O 31692 ops checked, SATISFACTORY
				 A/P 3396665
30-JUN-10	6308.5			REPLACED SPINNER CUFF (1) W/ NEW PIPER PART # 455-634
				 A/P 3396665

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DATE 2010 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
30-JUN-10	6308.5			REPLACED FIRE EXTINGUISHER W/ NEW AMEREX HALOTRON B385TSH SN X901249 P/N 3475309
AIRFRAME LOG ENTRY				
25-SEPT-10				N8743E PIPER PA32R-300 TACH HRS. 6340.04
				REPLACED PILOT SIDE RIGHT AND LEFT BRAKE MASTER CYLINDERS. BLED SYSTEM REPLENISHED WITH MIL-H-5606 HYD FLUID R/H MASTER CYL NEW CLEVELAND 10-30 (PIPER 455-968) SN N/A L/H MASTER CYL NEW CLEVELAND 10-30 (PIPER 455-968) SN N/A
				REPLACED AUTOPILOT PITCH BRIDAL CABLE WITH NEW CENTURY P/N 30B507 SN N/A
				TROUBLESHOOT FUEL QUANTITY SYSTEM I/A/W PIPER PA32R MAINTENANCE MANUAL REMOVED BOTH I/B AND O/B FUEL TANKS, REPLACED OUTBOARD FUEL SENDER GASKETS AND INSULATING WASHERS, RE INSTALLED AND SEALED AS REQUIRED. RE SEALED INBOARD FUEL SENDERS, REPAIRED FUEL SENDER WIRING, VERIFIED FUEL GAUGE CALIBRATION. LEAK AND OPS CHECKS SATISFACTORY SENDER GASKETS 2 EA PIPER 755-049 INSULATING WASHERS 10 EA. PIPER PS10063-4
				C/W PIPER MANDATORY SB 1197B / AD 2010-15-10 CONTROL WHEEL SHAFT INSPECTION INSPECTED SHAFTS R/T AND L/H SIDES, SHAFT END DISTANCE GREATER THAN .190 IN (NO FAULTS NOTED)
				THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.
				 GERARD J. KRAL
				A/P 3396665 I/A CERTIFICATE NO.
				-----END-----

DATE 2010 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/2/10	6299.4			ARTIFICIAL HORIZON REBUILD
1. Approving National Aviation Authority/Country FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 10088-2
4. Organization: Central Florida Avionics & Instruments LLC 8812 Airport Boulevard Leesburg, Florida 34788		5. Work Order, Contract, or Invoice Number: 10088-2		
6. Item 1	7. Description ART GYRO	8. Part Number 520267M	9. Eligibility* N/A	10. Quantity 1
11. Serial/Batch Number T101126		12. Status/Work DV/HL		
13. Remarks: Pertinent Details on File at This Agency Under Shop Work Order				
14.		19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13 Certificates that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
15.	16.	20. Authorized Signature: <i>[Signature]</i>		21. Certificate Number: F4LR560Y
17.	18.	22. Name (Typed or Printed): Mohamed N. N. N.		23. Date: 4/2/10

FAA Form 8130-3 (6/01)

*(Optional) Installer must cross check eligibility with applicable technical data.

DATE 2010 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
ANNUAL	6307.54			

AIRFRAME LOG ENTRY

N8743E
PIPER PA32R-300
TACH HRS. 6307.54

JUNE 20, 2010
SN. 32R-7680171
AF TT 6307.54

PERFORMED AN ANNUAL INSPECTION I/A/W FAR 43 APDX. (d) AND THE PIPER PA-32R-300 INSPECTION CHECKLIST.
PERFORMED ALL GROUND OPERATIONAL CHECKS, REMOVED ALL REQUIRED INSPECTION PANELS.
JACKED AIRCRAFT AND PERFORMED NORMAL AND EMERGENCY LANDING GEAR FUNCTIONAL CHECKS
REMOVED WHEELS, INSPECTED BRAKES, CLEANED, INSPECTED AND RE PACKED WHEEL BEARINGS
INSTALLED NEW GOOD YEAR FLIGHT SPECIAL II NOSE TIRE Sn. 72517268 & NEW MICHELIN 500X5 TUBE
REPLACED 1 EA TIMKEN 08231 & 08125 NOSE WHEEL BEARING AND RACE
INSPECTED AND LUBED ALL CABLES, PULLEYS, HINGES & CONTROLS.
CHECKED AND ADJUSTED CABLE TENSIONS, CLEANED AND INSPECTED FUEL VALVE STRAINER
REPLACED BRAKE RESERVOIR WITH NEW PIPER Pn. 68464-000 Sn. N/A, SERVICED HYD FLUID
REPLACED R/H AFT FLAP ROD END WITH NEW PIPER Pn. 452-336 Sn. N/A
REPLACED 2 EA HEAT MUFF 3 IN SCATT HOSES, REPLACED 1 EA AEROQUIP STATIC HOSE 306-2
REPLACED 3 EA MUFFLERS WITH NEW PN. A67517-00 SN'S 13067, 13068, 13070 (AWI W/O 49380)
INSTALLED WITH NEW 77611 GASKETS AND REPLACED HARDWARE.
INSTALLED NEW AIR INDUCTION INLET HOSE PIPER PN. 565-458
REPLACED AIR FILTER ELEMENT WITH NEW BRACKET BA-3, AND SUCTION FILTER NEW AAD9-18-1
REPLACED R/H AILERON AND FLAP BOND WIRES.

CONTINUED

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DATE 2010 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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3/5/10

AIRFRAME LOG ENTRY

N8743E

PIPER PA32R-300

TACH HRS. 6295.0

MAR. 05, 2010

SN. 32R-7680171

REMOVED RIGHT AND LEFT BRAKE CALIPERS, DISSASSEMBLED AND INSPECTED. REPLACED 4 EACH CALIPER O RINGS. REPLACED 8 EACH BRAKE LINNING. BLED AND FLUSHED SYSTEM. CALIPER O RINGS Pn. MS28775-222 BRAKE LINNINGS RA66-105

THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE.

Gerard J. Kral
GERARD J. KRAL

A/P 3396665 I/A
CERTIFICATE NO.

-----END-----

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DATE 2010 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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3/10/10 6295.0

CENTRAL FLORIDA
AVIONICS & INSTRUMENTS.N 8743E

I certify that the Altimeter, Static System and Automatic Altitude Reporting has been certified to tests required under FAR 91.411 and FAR 91.413

The Altimeter Make UNITED Model 5035-P23
S/N 4153 was tested to 20,000 Ft and meets

The requirements of FAR 43, Appendix E

The Transponder Make GARMIN Model GTX-327
S/N 83702264 was tested and Found to meet the requirements

of FAR 43, Appendix F.

Recertify 24 months from date below

Details on file under W/O # 12069-1 Date 3/10/10

[Signature]
Authorized Signature for:

Central Florida Avionics and Instruments LLC.

8812 Airport Blvd.

Leesburg, FL 34788 FAA CRS # F4LR560Y

DATE 2009 -19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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9/15/09

ACFF: N8743E MFG: Lycoming TACH: 6272.0
AC: PA 32R-3000 M/N: IO-540-K1G5D ETT: 8198.9
Date: 09/15/09 S/N: L12689-48A TSMOH: 418.9

ENGINE LOG ENTRY

1. Competed as 50 hour inspection in accordance with the manufactures service instructions as well as the scope and detail of 14 CFR Part 43 appendix D.
2. Drained oil, installed new CH48103-1 oil filter. Filled with eight QTS of Aeroshell W100
3. Checked Magneto to engine timing. No defects found. AD 96-12-07 due at Tach 6353
4. Inspected all hoses accessories, baffles, and mounts for condition and security, and proper attachment. No defects noted. Hose change due at Tach 6853 or year 2013
5. Inspected engine controls for condition, security, proper attachment and proper operation through entire range of motion.
6. Inspected air intake system. Cleaned and reinstalled No other defect noted.
7. C/W AD 2002-26-01 Fuel injection lines, by visual inspection, no defects noted Due again at 6399.1
8. C/W AD 2006-06-51 Precision Airmotive LLC RSA-5 and RSA-10 series fuel injection servos - visually inspected no defects noted due again Tach 6259.0 ?

COPY

6322.0

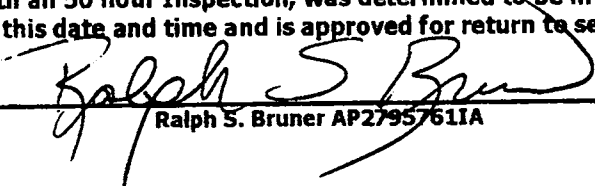
DATE 2009 12	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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12/12/09

Removed old seal from entry door + rear door
and installed new FAA-PMA seal ADS1200-304 and
ADS1200-301-23 in accordance w/drawing E7A503 and
manf. installation instructions ADS1200-304A.
PMA tag(s) may be found below tag 36 F 742576
Dana PILOT

9. Engine washed and ground run, checked idle speed and mixture, ops checked normal

All work performed in accordance with current Federal Aviation Regulations and manufacturer's maintenance manuals. The engine identified above has been inspected in accordance with an 50 hour Inspection, was determined to be in airworthy condition, at this date and time and is approved for return to service.



Ralph S. Bruner AP2795761IA

COPY

ORIGINAL PP 14

ENGINE LOG BOOK #3

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DATE 2009	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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6/1/09

Ralph S Bruner
Fruitland Park, Florida

ACFT: N8743E MFG: Piper TACH: 6225.9
DOM: 1976 M/N: PA-44-350
DATE: 06/01/09 S/N: 42R000171

AIRFRAME LOG ENTRY

- Completed an Annual Inspection in accordance with the manufacturer's service instructions as well as the scope and detail of 14 CFR Part 43, appendix D.
- Inspected fuselage and empennage Aluminum Skin, for condition and security. No defects noted.
- Inspected all control system components for continuity, security, proper attachment, and proper operation through specified range limitations.
- Inspected landing gear to include wheels, brakes, plumbing, and fixtures. Cleaned, inspected and re-packed all wheel bearings. No defects noted on main wheels.
- Inspected and cleaned fuselage screen.
- Installed new brake line in leading edge on RH side.
- Filled Brakes system with MIL-5606, bleed air from brake lines.
- Inspected fuel system plumbing, fittings, and components condition, security and proper attachments. Checked for leaks, proper quantity indication, fuel drain operation and fuel selector operation.
- Removed all four fuel tanks installed new fuel gauge sending unit gaskets because of leakage, installed new fuel hose between all tanks, installed new fuel vent tubes between tanks.

Page 1 of 2

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DATE 2009	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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6/1/09

CONT

END

Ralph S Bruner
Fruitland Park, Florida

- Completed an Annual Inspection in accordance with the manufacturer's service instructions as well as the scope and detail of 14 CFR Part 43, appendix D.
- Inspected fuselage and empennage Aluminum Skin, for condition and security. No defects noted.
- Inspected all control system components for continuity, security, proper attachment, and proper operation through specified range limitations.
- Inspected landing gear to include wheels, brakes, plumbing, and fixtures. Cleaned, inspected and re-packed all wheel bearings. No defects noted on main wheels.
- Inspected and cleaned fuselage screen.
- Installed new brake line in leading edge on RH side.
- Filled Brakes system with MIL-5606, bleed air from brake lines.
- Inspected fuel system plumbing, fittings, and components condition, security and proper attachments. Checked for leaks, proper quantity indication, fuel drain operation and fuel selector operation.
- Removed all four fuel tanks installed new fuel gauge sending unit gaskets because of leakage, installed new fuel hose between all tanks, installed new fuel vent tubes between tanks.

All work performed in accordance with current Federal Aviation Regulations and manufacturer's maintenance manuals. The aircraft identified above has been inspected in accordance with an Annual Inspection, was determined to be in airworthy condition, at this date and time and is approved for return to service.

RSB

Ralph S Bruner AP27957611A

Page 2 of 2

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DATE 2009 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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1/26/09

ACFF: N8743E MFG: Lycoming TACH: 6199.1
 AC: PA 32R-3000 M/N: IO-S40-K1G5D FTT: S125.9
 Date: 01/26/09 S/N: L12689-48A TSMOH: 345.9

ENGINE LOG ENTRY

- Completed as 50 hour inspection in accordance with the manufactures service instructions as well as the scope and detail of 14 CFR Part 43 appendix D.
- Drained oil, installed new CH48103-1 oil filter. Filled with eight QTS of Aeroshell W100
- Checked Magneto to engine timing. No defects found. AD 96-12-07 due at Tach 6353
- Inspected all hoses accessories, baffles, and mounts for condition and security, and proper attachment. No defects noted. Hose change due at Tach 6853 or year 2013
- Inspected engine controls for condition, security, proper attachment and proper operation through entire range of motion.
- Inspected air intake system. Cleaned and reinstalled No other defect noted.
- C/W AD 2002-26-01 Fuel injection lines, by visual inspection, no defects noted Due again at 6299.1
- C/W AD 2006-06-51 Precision Airmotive LLC RSA-5 and RSA-10 series fuel injection servos - visually inspected no defects noted due again Tach 6249.0

International Flighting Notes - Changes to existing rules may be subject to the rules regarding liability and other terms and conditions established by the Convention for the Unification of Certain Rules Relating to International Carriage by Air (the "Warsaw Convention") and/or the Convention on the Contract for the International Carriage of Goods by Road (the "CMR Convention") and/or the Convention on the Contract for the International Carriage of Goods by Sea (the "Hague-Visby Rules") and/or the Convention on the Contract for the International Carriage of Goods by Rail (the "COTIF Convention") and/or the Convention on the Contract for the International Carriage of Goods by Air and Sea (the "Montreal Convention"). For shipping please call 1-800-782-7102.



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DATE 2009 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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1/26/09
CONT/END

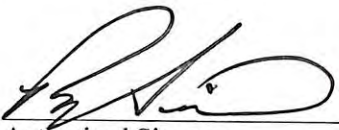
0. Engine washed and ground run, checked idle speed and mixture, ops checked normal

All work performed in accordance with current Federal Aviation Regulations and manufacturer's maintenance manuals. The engine identified above has been inspected in accordance with an 50 hour inspection, was determined to be in airworthy condition, at this date and time and is approved for return to service.

Ralph S. Bruner AP27957611A

International Flighting Notes - Changes to existing rules may be subject to the rules regarding liability and other terms and conditions established by the Convention for the Unification of Certain Rules Relating to International Carriage by Air (the "Warsaw Convention") and/or the Convention on the Contract for the International Carriage of Goods by Road (the "CMR Convention") and/or the Convention on the Contract for the International Carriage of Goods by Sea (the "Hague-Visby Rules") and/or the Convention on the Contract for the International Carriage of Goods by Rail (the "COTIF Convention") and/or the Convention on the Contract for the International Carriage of Goods by Air and Sea (the "Montreal Convention"). For shipping please call 1-800-782-7102.



DATE <u>42</u> <u>2008</u> <u>49</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	6148.1			CENTRAL FLORIDA AVIONICS & INSTRUMENTS LLC N8743E Removed Existing ELT. Installed Artex ME406 ELT SN: 10370. Work performed IAW Artex installation manual 570-1600 Rev. E. Unit checks good IAW Artex Installation manual 570-1600 Rev E.  Authorized Signature <u>5/15/13</u> Date 8812 Airport Blvd. Leesburg International Airport Leesburg, FL 34788 CRS#: F4LR560Y 



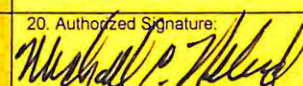
ARTEX AIRCRAFT SUPPLIES, INC.
 14405 Keil Rd. NE Aurora, OR 97002
 (503) 678-7929 800-547-8901

LOG BOOK ENTRY

ELT BATTERY
REPLACEMENT DATE

5/2013

DATE <u>43</u> <u>2008</u> <u>49</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11/1/08	6184.0			Replace battery w/new Concorde SN 40265326 PN 11-03882 RC-35AXC Ken Dorda 364742576 Pilot
11/1/08	6184.0			REPAIR/REBUILD HSI SN 14368A

1. Approving National Aviation Authority/Country FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: <u>08315-4</u>	
4. Organization: Central Florida Avionics & Instruments LLC 8812-2 Airport Boulevard Leesburg, Florida 34788				5. Work Order, Contract, or Invoice Number: <u>08315-4</u>	
6. Item 1	7. Description <u>HSI</u>	8. Part Number <u>520136-1333</u>	9. Eligibility* N/A	10. Quantity <u>1</u>	11. Serial/Batch Number <u>14368A</u>
12. Status/Work <u>REPAIR</u>					
13. Remarks: <u>PERTINANT DETAILS ON FILE THIS FACILITY UNDER SHOP WORK ORDER</u>					
14.			19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13 Certificates that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
15.		16.		20. Authorized Signature: 	
17.		18.		21. Certificate Number: <u>F4LR560Y</u>	
				22. Name (Typed or Printed): <u>Michael Nolz</u>	
				23. Date: <u>11/1/08</u>	

FAA Form 8130-3 (6/01) *(Optional) Installer must cross check eligibility with applicable technical data.

DATE 19 <u>40</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Triangle Aviation
Leesburg, FL

ACFT: NR743E MFG: Piper TACH: 6148.1
DOM: 1976 M/N: PA-12R-300
DATE: 04/02/05 S/N: 12R/580171

AIRFRAME LOG ENTRY

- Completed Annual Inspection in accordance with the manufacturer's service instructions as well as the scope and detail of 14 CFR Part 43 appendix D.
- Inspected fuselage and empennage. Aluminum skin for condition and security. No defects noted.
- Inspected all control system components for continuity, security, proper attachment, and proper operation through specified range limitations.
- Inspected landing gear to include wheels, brakes, plumbing, and fixtures. Cleaned, inspected and re-packed all wheel bearings. No defects noted on main wheels.
- Installed new 60x60 R11 and L11 main tires.
- Installed new nose wheel bearings and cups.
- Inspected fuel system plumbing, fittings, and components condition, security and proper attachment. Checked for leaks, proper quantity indication, fuel drain operation and fuel selector operation.
- Performed landing gear inspection, performed five static gear retracts and extensions, performed one emergency extension, no defects noted.
- Serviced landing gear power pack.

Page 1 of 2

DATE 19 <u>41</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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Triangle Aviation
Leesburg, FL

- Inspected all flight controls and
- Inspected landing gear
- Installed L11 battery 1 AW 1 AK 91 207 96 Battery Due 10-10
- Installed all new brake linings on 105
- Installed R11 brake caliper installing new O-Ring
- AW AD 76-07-12 Main switch by run up ops. Ops normal no defects noted Due again at 6248.0
- AW AD 78-23-01 Fuel drain door. By visual inspection, no defects noted Due again at 6248.0
- Serviced Brakes system with MII 5006
- Checked AD compliance thru 2008.06

All work performed in accordance with current Federal Aviation Regulations and manufacturer's maintenance manuals. The aircraft identified above has been inspected in accordance with an Annual Inspection, was determined to be in airworthy condition at this date and time and is approved for return to service.

Ralph S. Bruner
Ralph S. Bruner AP27957611A

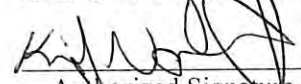
Page 2 of 2

DATE <u>38</u> <u>2008</u>	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
<u>1/24/09</u>				UPGRADED EXISTING GARMIN GNS 430 TO A GNS 430W, PN 011-01060-45 SN 96304813. REPLACED EXISTING GA-56 ANTENNA WITH NEW GA 56W ANTENNA PN 011-01111-00 SN 22599. SEE FAA FORM 337 DATED 1/24/09 AND SHOP WORK ORDER # 07212-1 FOR PERTINENT DETAILS.  Michael D. Nelson CENTRAL FLA AVIONICS & INSTRS. CRS # F4LR560Y

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

CENTRAL FLORIDA
 AVIONICS & INSTRUMENTS

N 8743E
 I certify that the Altimeter, Static System and Automatic Altitude Reporting has been certified to tests required under FAR 91.411 and FAR 91.413
 The Altimeter Make United Model 5035 P 23
 S/N 4153 was tested to 20,000 Ft and meets
 The requirements of FAR 43, Appendix E
 The Transponder Make Garmin Model GTX 327
 S/N 83702264 was tested and Found to meet the requirements of FAR 43, Appendix F.
 Recertify 24 months from date below
 Details on file under W/O # 08063-1 Date 03/03/09


 Authorized Signature for:
 Central Florida Avionics and Instruments LLC.
 8812 Airport Blvd. Suite 2
 Leesburg, FL 34788 FAA CRS # F4LR560Y

DATE **37**
19 ____

RECORDING
TACH
TIME

TODAYS
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations

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



Quality Aircraft Service & Parts

N8743E 06/12/2007 TIME: 6103.67

AIRFRAME: Completed the following repairs to the landing gear system:

1. Installed nose gear inner tube assembly, see 8130 tag.
2. Replaced drag brace aft bolts and bushings.
3. Replaced nose gear hook assembly.
4. Replaced main gear scissor link bolts.
5. Replaced main gear clevis bolts and bushings.
6. Replaced main gear retract rod ends.
7. Lubed landing gear at all grease fittings.
8. Performed three landing gear retracts. The motor stopped on the third retract. Removed motor and found motor was full of hydraulic fluid and brushes were worn to the springs. Installed overhauled power pac assembly. Serviced with hydraulic fluid and performed six retracts with no faults.

The component identified here on was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Signed: R. Wilford

A&P-IA: 266852622

35

DI

18

AVANTGARDE AVIATION, INC. AIRFRAME LOG ENTRY N8743E
 3/02/2007, ANNUAL INSPECTION, TACK AND TOTAL TIME 6078.2.
 AD NOTES RESEARCHED THUR 2007-03.
 CW AD 2002-26-01 FUEL INJECTION LINES, BY INSPECTION NO CRACKS FOUND
 AND ALL CLAMPS ARE TIGHT DUE EA 100 HOURS,
 CW AD 76-07-12 MAG SWITCH BY RUN UP OPS FOUND TO BE NORMAL DUE EA
 ANN\100 HOURS,
 CW AD 78-23-01 FUEL DRAIN DOOR BY INSPECTION FOUND DOOR CLOSES
 PROPERLY OPS NORMAL DUE EA 100 HOURS,
 AD 95-26-13 PT [A] 100 HRS INSP DNA TYPE [D] HOSES INSTALLED.
 AD 95-26-13 OIL COOLER LINES PT [B] DUE EA 8 YRS OR 1000 HRS, [2013
 OR TACK 6853.
 AD 96-12-07 SST 2005-12-06 MAG IMPULSE, DUE EA 500 HRS, TACK [6353].
 AD 2004-10-14 CRANK SHAFT GEAR FAILURE IS DUE AT PROP STRIKE.
 AD 2006-18-15 PROP HUB FAILURE, DNA TO ENGINE MODEL.
 AD 2006-20-09 CRANK SHAFT, DNA ENGINE S/N NOT LISTED IN SB 569A.
 AD 2006-24-07 PROP BLADE FAILURE, DNA NOT REPAIRED BY CSE AVIATION.
 PIPER SB 1161 WING AFT RIB INSPECTION PT [A] DUE EA 500 HOURS NO
 CRACKS FOUND [6464].
 CW PT [B] BY INSPECTION, DUE EA 100 HOURS.
 CW PRECISE FLIGHT STAND BY VACUUM SYSTEM CONTINUED AIRWORTHINESS
 INSPECTION SECTION 3.3 PT 1 DUE EA ANNUAL AND PT 2 DUE EA 2 YEARS
 NO DEFECTS NOTED.
 ELT INSPECTED IAW FAR 91.207 [D], NO CORROSION FOUND, DROP TESTED
 WITHIN LIMITS, BATTERY DUE DATE 3/2008.*****SEE NEXT PAGE*****

36

THE ALTIMETER AND STATIC TEST REQUIRED BY 91.411, RETEST DUE 2/2008.
 DECREASED BELLY AND WHEEL WELLS, LUBED GEAR AND LINKAGE FOR GEAR
 FREE FALL LIMITS, LUBED ELEV TRIM, R&I COMPASS AFTER OVERHAUL BY
 SUPERIOR INSTRUMENT SEE YELLOW TAG, CLEANED FUEL STRAINER AND
 REPLACED O RING, REPLACED MISSING FWD AND REAR BAGG DOOR RUBBER
 STOPS, CLEANED CABIN OUT FLOW SCREENS, REPLACED CLOCK INLINE FUSE
 HOLDER, REPAIRED FUEL SELECTOR STOP, REPLACED FWD CABIN DOOR LATCH
 KNOB, I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE
 WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY
 CONDITION WORK ORDER #19968 JOHN F JOHNS
 1519936A&I *John F Johns*

33

REPAIRED TOP AND LOWER COWL FOR CRACKING, REPLACED ELECTRIC FUEL BOOST PUMP P/N 1B5-6 WITH OVERHAUL FROM RAPCO FLEET SUPPORT SEE 8130-3,

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION WORK ORDER #19770 JOHN F JOHNS 1519936A&I John F. Johns

DATE 34 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
TACH: 6014.88	8/10/2006			INSTALLED NEW DUAL MASTER/ALTERNATOR SWT P/N- 587-829. OPS CK-OK. AVANTGARDE AVIATION, INC. WATERFORD, MI W/O#19857 <u>John D. John 2806121 ATP</u> <u>END</u>
TACH: 6069.41	11/2/2006			PERFORMED 50 HR. INSPECTION IAW AVANTGARDE AVIATION'S 50 HR. CHECKLIST. INSTALLED NEW BRAKE LININGS ON LT & RT P/N-RA66-105 WASHED DOWN LANDING GEARS. STOP DRILLED CRACK IN LOWER TAIL CONE GROUND RUN & TAXI OPS & LK CK-OK. AVANTGARDE AVIATION W/O# 19917. <u>John D. John 2806121 ATP</u> <u>END</u>

DATE
19

The ATC transponder was tested & inspected on 2/22/06 & found to comply with FAR 91.413, IAW FAR 43 App. F. Automatic altitude reporting equipment was tested and calibrated 2/22/06 to an altitude of 20 thousand feet & found to comply with FAR 91.411, IAW FAR 43 App. E Par. (c)
W/O# 10635 Signature [Signature]
OAKLAND AVIONICS CO. CRS XOKR329L

The altimeter and the static pressure system was inspected and tested 2/22/06 & found to comply with 91.411, IAW FAR 43 App. E Par. (a) and (b).
W/O# 10635 Signature [Signature]
OAKLAND AVIONICS CO. CRS XOKR329L

FAA-PMA

Replacement Door Seal for Piper Aircraft

P/N: ETA-500

For Piper Aircraft Models: PA28-140, -150, -151, -160, -161, -180, -181, -201T, -235, -236; PA28R-180, -200, -201, -201T; PA28RT-201, -201T; PA 28S-160, -180; PA32-260, -300, -300T, -301, -301T; PA32R-300, -301, -301T; PA32S-300; PA32RT-300, -300T; PA34-200, -200T (Seneca I/II), -220T (Seneca III/IV/V)

Executive Twin Aviation, Inc.
7100 NW 63 St., Hangar 1002
Bethany, Oklahoma 73008
405-755-2151, Fax 405-302-3840

FRONT DOOR SEAL
N8743E

D. 32
1: AVANTGARDE AVIATION, INC. AIRFRAME LOG ENTRY N8743E
4/18/2006, ANNUAL INSPECTION, TACK AND TOTAL TIME 5964.0.
AD NOTES RESEARCHED THUR 2006-07.
CW AD 2002-26-01 FUEL INJECTION LINES, BY INSPECTION NO CRACKS FOUND AND ALL CLAMPS ARE TIGHT DUE EA 100 HOURS,
CW AD 76-07-12 MAG SWITCH BY RUN UP OPS FOUND TO BE NORMAL DUE EA ANN\100 HOURS,
CW AD 78-23-01 FUEL DRAIN DOOR BY INSPECTION FOUND DOOR CLOSES PROPERLY OPS NORMAL DUE EA 100 HOURS,
AD 95-26-13 PT [A] 100 HRS INSP DNA TYPE [D] HOSES INSTALLED.
AD 95-26-13 OIL COOLER LINES PT [B] DUE EA 8 YRS OR 1000 HRS, [2013/T6853].
AD 96-12-07 SST 2005-12-06 MAG IMPULSE, DUE EA 500 HRS, TACK [6353].
AD 2004-10-14 CRANK SHAFT GEAR FAILURE IS DUE AT PROP STRIKE.
AD 2005-14-11 BLADE FAILURE, DNA PROP NOT RETURNED TO SERVICE BY SOUTHERN CALIFORNIA PROPELLER.
AD 2005-19-11 CRANK SHAFT FAILURE, DNA NOT LISTED IN SB 566.
LYC SB 569 CRANK SHAFT RETIREMENT DNA NOT LISTED
CW PIPER SB 1161 WING AFT RIB INSPECTION PT [A] DUE EA 500 HOURS NO CRACKS FOUND. PT [B] DUE EA 100 HOURS.
ELT INSPECTED IAW FAR 91.207 [D], NO CORROSION FOUND, DROP TESTED WITHIN LIMITS, BATTERY DUE DATE 3/2008.
THE ALTIMETER AND STATIC TEST REQUIRED BY 91.411, RETEST DUE 2/2008.
DEGREASED BELLY AND WHEEL WELLS, REPLACED INSTRUMENT AIR FILTERS, LUBED GEAR AND LINKAGE FOR GEAR FREE FALL LIMITS, SERVICED SHIMMY DAMPENER, LUBED ELEV TRIM, INSTALLED NEW LININGS AND INSTALLED NEW MLG TIRES, REPAIRED LOWER INSPECTION DOOR AREA OF CABIN REAR BULKHEAD COVER WITH FIBERGLASS, REPAIRED BRAKE RESERVOIR OUT LET FITTING BY SOLDERING, *****SEE NEXT PAGE*****

AVANTGARDE AVIATION, INC.
AIRFRAME LOG ENTRY N8743E

5/20/2005, ANNUAL INSPECTION, TACK AND TOTAL TIME 5853.2.

AD NOTES RESEARCHED THUR 2005-10.

CW AD 2002-26-01 FUEL INJECTION LINES, BY INSPECTION NO CRACKS FOUND AND ALL CLAMPS ARE TIGHT DUE EA 100 HOURS,

CW AD 76-07-12 MAG SWITCH BY RUN UP OPS FOUND TO BE NORMAL DUE EA ANN\100 HOURS,

CW AD 78-23-01 FUEL DRAIN DOOR BY INSPECTION FOUND DOOR CLOSES PROPERLY OPS NORMAL DUE EA 100 HOURS,

AD 96-12-07 MAG IMPLUSE, DUE EA 500 HRS, TACK [6353].

AD 2004-05-24 ENGINE POWER LOSS, DNA ENGINE HAS A SINGLE DRIVE DUAL MAG.

AD 2004-10-14 CRANK SHAFT GEAR FAILURE IS DUE AT PROP STRIKE.

ELT INSPECTED IAW FAR 91.207 [D], NO CORROSION FOUND, DROP TESTED WITHIN LIMITS, BATTERY DUE DATE 4/2006.

THE ALTIMETER AND STATIC TEST REQUIRED BY 91.411, RETEST DUE 2/2006.

DEGREASED BELLY AND WHEEL WELLS, CLEANED CORROSION ON BELLY AND PAINTED WITH EPOXY CROMATE, LUBED GEAR AND LINKAGE FOR GEAR FREE FALL LIMITS, LUBED ELEV TRIM, INSTALLED A HELI-COIL IN LH MLG DOOR EYE BOLT ON TRUNION, REPLACED BOTH BRAKE DISC & NEW LININGS, REPAIRED BRAKE RESERVOIR ATTACH BRACKET, REPLACED ALL THREE GEAR DOWN LIGHT ASSY, ADJUSTED STD BY VACUUM VALVE CABLE, RESEALED RH INBD FUEL DRAIN VALVE, ADJUSTED MIXTURE CONTROL LOCK,

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION

WORK ORDER #19516 JOHN F JOHNS

1519936A&I *John F Johns*

LICOMING FACTORY OH (INSTALLED) -

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
2005				Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE 8 Oct. 5, 2005	TACH 85904.3			Performed 50 HR inspection - check lights, battery level, Brake reservoir, checked tire pressures, brake linings, performed landing gear retraction test - ops, ck. OK. checked L/G Wya. powerpack for fluid. Replaced right main brake linings with new P/N 066-10500, replaced right brake caliper piston o-rings. Replaced nose wheel tire with a 5.00-5 Sply (Con Gor) and grease greased wheel bearings. Serviced main and nose struts with nitrogen. To service limits. Serviced nose gear shimmy dampener with hydraulic fluid. Removed Turn and Bank coordinator P/N G661003-0504, S/N 0191a, and installed T&B P/N 600-009-900, S/N A503137. See yellow tag No. 32256 for info. <i>Ken Hernandez ADP 549920082</i> <i>Avantgarde Aviation Inc.</i>

CONDITION WORK ORDER #19207 JOHN F JOHNS
1519936A&I John F. Johns

Avantgarde Aviation, Inc.
Oakland-Pontiac Airport
6250 H Row
Waterford, MI 48327

DATE 23 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8/18/03	Tach 5638-1			Installed new Tire on Nose Wheel Installed new Tire on Right Main Wheel Run Gear Retraction Test, Washed down and Degreased and Lubed Gear, Found Gear unsafe light, would Intermittently Stay on when Gear was Retracted, checked out system, Found left Gear up Switch was just making contact, Adjusted switch a little Tighter, cycled gear several times and light stayed off. Right main wheel canneded, Bead Blasted to remove old paint and corrosion, Primed with zinc chromate and Painted wheel Avantgarde Aviation Inc. W.O. 19053 Debbie Van Aal 373502519

DATE 24 2004	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
1-8-04	5793.5 TACH			REPLACED RIGHT BRAKE CALIPER & PISTONS. REPLACED MISSING SCREW ON GEAR CONTACTOR CIRCUIT BREAKER. RE-SECURED LIMIT SWITCH WIRING IN NOSE WELL. GEAR RETRACT TEST GOOD 5 TIMES & BRAKE OPS CK OK. w/019168

#1
The ATC transponder was tested & inspected on 2/26/04 & found to comply with FAR 91.413, IAW FAR 43 App.F. Automatic altitude reporting equipment was tested and calibrated 2/26/04 to an altitude of 20 thousand ft. & found to comply with FAR 91.411, IAW FAR 43 App.EPar.(c) W/O# 8949 Signature [Signature]
OAKLAND AVIONICS CO. CRS XOKR329L
N 8743E

#2
The ATC transponder was tested & inspected on 2/26/04 & found to comply with FAR 91.413, IAW FAR 43 App.F. Automatic altitude reporting equipment was tested and calibrated 2/26/04 to an altitude of 20 thousand ft. & found to comply with FAR 91.411, IAW FAR 43 App.EPar.(c) W/O# 8949 Signature [Signature]
OAKLAND AVIONICS CO. CRS XOKR329L
N 8743E

21

INSTALLED NEW O RINGS IN NLG STRUT SERVICED TO SPC AND REPLACED UPPER TRUNNION WITH NEW, REPLACED LH GEAR DOWN LOCK SWITCH WITH NEW, REPLACED HOBBS METER SWITCH, REPLACED RH OUTBD AILERON HINGE PIN, INSTALLED NEW FWD BAGG BOX DOOR SEAL, TOUCHED UP WING WALK AND STEP, REPLACED ELEVATOR TOP TRIM JACK SCREW BEARING, CLEANED AND SERVICED BATTERY BOX AND INSTALLED A NEW G-35 BATTERY, I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION WORK ORDER #18912 JOHN F JOHNS 1519936A&I John F. Johns

7.11.03

N8743E

INSTALLED Kf-99 ANTENNA ADAPTER. REMOVED DEFECTIVE AK550 POWER SUPPLY, REPLACED WITH NEW. REPAIRED COMM COAX CABLES & CONNECTORS

MAINTENANCE RELEASE

The Aircraft and/or Component indentified herein was repaired and inspected in accordance with current Federal Air Regulations and was found Airworthy for return to service.

Pertinent details of the repair are on file at this agency, under Work Order No. 30818B

Date 7-11-03

Signed John F. Johns
signature of authorized individual

MICHIGAN AVIATION CO. CRS NO. KL2R956K
OAKLAND/PONTIAC AIRPORT WATERFORD, MICHIGAN

7.21.03

- 22 Removed Kf170B
- NAVA/comm, SIN 33292,
- INSTALLED Kf175B
- NAVA/comm P/N 069 -
- 1014-00, SIN 42586.
- FUNCTIONS RAMP
- CHECK GOOD.

MAINTENANCE RELEASE

The Aircraft and/or Component indentified herein was repaired and inspected in accordance with current Federal Air Regulations and was found Airworthy for return to service.

Pertinent details of the repair are on file at this agency, under Work Order No. 30830B

Date 7.21.03

Signed John F. Johns
signature of authorized individual

MICHIGAN AVIATION CO. CRS NO. KL2R956K
OAKLAND/PONTIAC AIRPORT WATERFORD, MICHIGAN

8-6-2003 5614.3

TACH c/w AD96-12-07 IMPULSE COUPLING BY INSPECTION WHILE MAGNETO WAS REMOVED FOR REPAIR. WEAR W/IN LIMITS, $x = 0.034" + 0.032"$. w/o 19049 Alexandra Z. Page 3776801851A

s, Repairs and Alterations
ating and Certificate Number of
pages for other specific entries.)

DATE 19 2002	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2-9-02	5423.4	TACH		DETERMINED AD2002-12-07 DNA; NEITHER PLATE NOR GASKET REPLACED DURING INTERVAL, ENGINE WAS NOT SHIPPED, REBUILT or O/H EITHER. C/W AD 78-23-01 BY INSPECTION: FUEL DOOR & LEVER SATISFACTORY. C/W AD 93-02-05 FUEL INS. LINES BY INSPECTION: NO CRACKS or LEAKS, ROUTING CLAMPS CORRECT. w/p 18717 Alexander L Page 377680185IA Avantgarde Aviation, Inc. Oakland-Pontiac Airport 6250 H Row Waterford, MI 48327

DATE	RECORDING	TODAYS	TOTAL	Description of Inspections. Tests. Repairs and Alterations
20				AVANTGARDE AVIATION, INC. AIRFRAME LOG ENTRY N8743E
3/13/2003				ANNUAL INSPECTION, TACK AND TOTAL TIME 5519.7.
				AD NOTES CKED THUR 2003-03.
				CW AD 93-02-05 SST 2002-26-01 BY INSPECTION NO CRACKS FOUND AND ALL CLAMPS ARE TIGHT DUE EA 100 HOURS,
				CW AD 76-07-12 MAG SWITCH BY RUN UP OPS FOUND TO BE NORMAL DUE EA ANN\100 HOURS,
				CW AD 78-23-01 FUEL DRAIN DOOR BY INSPECTION FOUND DOOR CLOSES PROPERLY OPS NORMAL DUE EA 100 HOURS,
				AD 2002-09-08 PROP BLADE FAILURE WAS PCW BY H&S PROP SHOP, SEE YELLOW TAG DATED 3/23/98.
				AD 2002-12-07 LOSS OF ENGINE OIL, DNA TO DATE RANGE OF AD.
				AD 2002-19-03 CRANK SHAFT FAILURE. DNA CRANK WAS NOT REPLACED AT OVERHAUL.
				AD 2002-20-51 SST 2002-23-06 POWER LOSS, DNA TO OVERHAUL DATE.
				AD 2002-26-03 BRACKET AIR FILTER, DNA BA 2410 NOT INSTALLED.
				AD 2003-01-03 PROP BLADE SEPARATION, WAS PCW BY H&S PROP SHOP, 6/4/2001, NEW HUB INSTALLED P/N CH34814B.
				AD 2003-03-20 HUB & BLADE FAILURE, DNA TO MODEL HCC2YK-1BF.
				ELT INSPECTED IAW FAR 91.204, NO CORROSION FOUND, DROP TESTED WITHIN LIMITS, BATTERY DUE 4/2004.
				ALTIMETER AND STATIC TEST REQUIRED BY 91.411, DUE FOR RETEST 3/2004.
				DEGREASED BELLY AND WHEEL WELLS, REPLACED RH & LH BRAKE LININGS,
				REPLACED O RINGS IN RH BRAKE CALIPER, ROTATED RH TIRE ON WHEEL AND
				REPLACED BRAKE DISC, INSTALLED NEW AND BALANCED LH MLG TIRE,
				*****SEE NEXT PAGE*****

DATE 17 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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1661 Airport Road
Waterford, MI 48327-1304 USA
Date 3/21/02
Reg. No. N8743E Ser. No. 32R-7680171
WO No. 13830 Hours NA

Performed dual transponder system certification IAW FAR 91.413. Automatic pressure altitude reporting equipment was tested to 20,000ft.

X	X	X	X
X	X	X	X

aircraft and/or component identified above was repaired and inspected in accordance with current air regulations and found airworthy for return to service

CRS OA5R086N John D M

DATE 18 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/15/02	Tach 5373.07			Ops checked EIT and installed after repair, removed placard from panel. Advantage Aviation Inc. W.O. 18652 Delo Valley Ref 373502519 - End -
	Battery Expires 4/2004			
5-28-02				AD 2002-09-08 Prop BLADE FATIGUE WAS REW 3-23-98 IAW AD 77-12-06R2 PROPOVERHAULIED BY H&S Prop/Shop AT TACH 4353.0 John D M 1519936 ASI
7-9-02	Tach 5423.4			Perform 50hr Inspection IAW Advantage Aviation Inc 50hr Inspection Forms. W.O. 18717. Delo Valley Ref 373502519

DATE 15 19 2001	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6-5-2001	5238.13			Performed 50 hr Insp. IAW AvantGarde Ann. 50 hr Checklist. Complied with AD 78-23-01 Fuel Door Insp. Next Due 5338.13 Tach. AEP 373502519 Del. Ed. Kee. W.C. 18371
8-15-2001	5256.3			Performed 50 hr Insp IAW AVANTGARDE ANN. 50 HR CHECKLIST, REPLACED RH MAIN TIRE WITH NEW MONDOR 6.00x6.8 ply, CHECKED BALANCE. SERVICED BATTERY. CW AD 2000-18-53 Replaced adapter GASKET w new 0613 23072. WO # 15430 John H. Gunn AP370661907
Avantgarde Aviation, Inc. Oakland-Pontiac Airport 6250 H Row Waterford, MI 48327				

AVANTGARDE AVIATION, INC.
AIRFRAME LOG ENTRY N8743E

3/25/2002, ANNUAL INSPECTION, TACK AND TOTAL TIME 5371.1.
 - AD NOTES CKED THRU 2002-05.
 - CW AD 93-02-05 FUEL INJ LINES BY INSPECTION NO CRACKS FOUND AND ALL
 CLAMPS ARE TIGHT DUE EA 100 HOURS,
 - CW AD 76-07-12 MAG SWITCH BY RUN UP OPS FOUND TO BE NORMAL DUE EA
 ANN\100 HOURS,
 - CW AD 78-23-01 FUEL DRAIN DOOR BY INSPECTION FOUND DOOR CLOSES
 PROPERLY OPS NORMAL DUE EA 100 HOURS,
 - AD 90-02-23 PROP HUB NO LONGER APPLY NEW HUB INSTALLED S/N CH34814B
 BY H&S PROP SHOP 6/04/2001 TACK 5238.1
 - AD 2001-07-03 PROPELLER FAILURE DNA PROP NOT REPAIRED BY BASCO.
 - AD 2001-23-08 PROP HUB CRACKS DNA TO MODEL HUB CH34814B.
 - CW AD 2000-18-53 BY LOG BOOK RESEARCH, NO RECORD OF GASKET OR PLATE
 REPLACEMENT. 05438
 - ELT INSPECTED IAW FAR 91.204 AND REMOVED FOR REPAIR, INSTALLED
 PLACARD ON PANEL.
 - I CERTIFY THAT THE ALTIMETER AND STATIC TEST REQUIRED BY 91.411
 HAVE BEEN PREFORMED, THE ALTIMETER WAS TESTED TO 30K FEET BY
 SUPERIOR INSTRUMENT SEE YELLOW TAG, TRANSPONDER TESTED BY
 - ALTERNATIVE AVIONICS, DUE FOR RETEST 3/2004.
 - DEGREASED BELLY AND WHEEL WELLS, REPLACED RH BRAKE LININGS, REPLACED
 RH GEAR DOWN LOCK SWITCH WITH A USED SERVICEABLE PART, CLEANED RH
 MAIN FUEL SUMP DRAIN,
 - I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH
 A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY
 - CONDITION WORK ORDER #18627 JOHN F JOHNS
 1519936A&I John F Johns

DATE 13 19 2000	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11-27-00	5137.9			R+I STROBE POWER SUPPLY FOR CHECK. ADJUSTED PINS IN CONNECTORS FOR GOOD CONTACT. OPS CKOK. Avantgarde Aviation, Inc. #18245 Alexander L. Page 377680185IA Oakland-Portiac Airport 6250 H. Row Waterford, MI 48321 WHELEN ENGINEERING COMPANY FAA MMF E19-50 Route 145, Winthrop Road Chester, Connecticut 06412-0684 SERVICEABLE Unit 01-0170028-05... Ser. No. 20047..... The component identified above was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service. Pertinent details of the repair are on file at this repair station under W/O No. 873268... Date 11-15-00... Insp. Leon Beaulieu

14 DA

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AVANTGARDE AVIATION, INC.
AIRFRAME LOG ENTRY N8743E

3/10/2001, ANNUAL INSPECTION, TACK AND TOTAL TIME 5167.5.
 CW AD 93-02-05 FUEL INJ LINES BY INSPECTION NO CRACKS FOUND AND ALL
 CLAMPS ARE TIGHT DUE EA 100 HOURS,
 CW AD 76-07-12 MAG SWITCH BY RUN UP OPS FOUND TO BE NORMAL DUE EA
 ANN\100 HOURS,
 CW AD 78-23-01 FUEL DRAIN DOOR BY INSPECTION FOUND DOOR CLOSES
 PROPERLY OPS NORMAL DUE EA 100 HOURS,
 CW AD 90-02-03 PROP HUB BY DY-CK AND VISUAL NO CRACKS FOUND DUE EA
 50 HOURS,
 AD 99-23-22R2 TRAFFIC ALERT DNA TYPE EQUIPMENT NOT INSTALLED AND
 A/C IS NOT TRANSPORT CAT.
 AD 2000-18-05 LOSS OF ENGINE OIL DNA BY LOG BOOK RESEARCH GASKET OR
 PLATE ASSY WAS NOT CHANGED AFTER 4/1/99.
 CW AD 96-12-07 MAG IMPULSE COUPLINGS BY INSPECTION IAW AD AND SB
 AND FOUND TO BE WITH IN LIMITS, DUE EA 500 HOURS.
 ELT INSPECTED IAW FAR 91.204 [D] NO CORROSION FOUND, DROP TESTED
 WITH IN LIMITS, BATTERY REPLACEMENT DATE 12/2001.
 IFR STATIC TEST DUE 7/2002.
 DEGREASED BELLY, REPLACED REAR DOOR HINGE EYE BOLTS, REPLACED
 TERMINAL ON STROBE LIGHT SWITCH, REMOVED AND LUBED REAR SEAT QUICK
 RELEASE PINS, REPLACED INSTRUMENT AIR FILTERS, REPLACED BOTH BRAKE
 DISC INSTALLED NEW O RINGS IN RH BRAKE CYLINDER AND INSTALLED NEW
 BRAKE LININGS, CLEANED BIRD NEWS FROM TAIL CONE, I CERTIFY THAT THIS
 AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION
 AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION WORK ORDER
 #18329 JOHN F JOHNS 1519936A&I John F Johns

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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1661 Airport Road
Waterford, MI 48327-1304 USA 11/03/00

Alternative Aviation Services, Inc.
F.A.A. Repair Station OA5R086N

N8743E

Date 32R-7680171

Reg. No. 12966

Ser. No. N/A

WO No. 12966

Hours

Relocated the Century 2000 autopilot computer to the center stack. Moved KX 170B to the right stack. Installed a GTX 327 transponder on the top of the right stack, serial number 83702264. Mounted a L-band antenna on the bottom of the fuselage, serial number 2297. GTX 327 checked good IAW the manufactures installation manual. Checked data correspondence. Removed the existing KT 78 at this time but installed provisionary wiring for two transponders at a later date. Weight and balance was negligible.

The aircraft and/or component identified above was repaired and/or inspected in accordance with current Federal Aviation regulations and found airworthy for return to service.

CRS OA5R086N

Christopher J. Howell

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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1661 Airport Road
Waterford, MI 48327-1304 USA 11/09/00

Alternative Aviation Services, Inc.
F.A.A. Repair Station OA5R086N

N8743E

Date 32R-7680171

Reg. No. 12966

Ser. No. N/A

WO No. 12966

Hours

Installed the original KT 78 back in the aircraft. Installed isolation diodes for the mode-C codes. Ramp checked both transponders IAW the manufacture installation manuals. Performed 91.413 and 91.411, systems check good. Checked data correspondence. Repaired a broken coax for the glide-slope system. System ramp checked good. Weight and balance was updated.

The aircraft and/or component identified above was repaired and/or inspected in accordance with current Federal Aviation regulations and found airworthy for return to service.

CRS OA5R086N

Christopher J. Howell

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-14-00	5073.6	-CONTINUED-		C/W AD 76-07-12 MAG SWITCH OFF TEST GOOD. LEFT & RIGHT GEAR DOWN LIGHTS WIRED TO OPPOSITE SIDES: CORRECTED. REPLACED NOSE AXLE BOLT WITH NEW. ROTATED AXLE 180° TO CHECK ALIGNMENT/ WEAR: NONE. LUBED ENG. CONTROL CABLES & CK'D TRAVEL/STOPS/CUSHION/BINDING: ALL W/IN LIMITS. Avantgarde Aviation, Inc. w/o 18160 Alexander L. Page Oakland-Pontiac Airport 377680185 IA 6250 H Row Waterford, MI 48327
9-8-00	5100.0	TACH		REPLACED PITOT HEAT SWITCH WITH USED SERVICEABLE; OPS CK OK. REPAIRED CONNECTOR PIN IN LANDING LIGHT CIRCUIT. OPS CK. OK. AVANTGARDE w/o 18188 Alexander L. Page 377680185 IA Avantgarde Aviation, Inc. Oakland-Pontiac Airport 6250 H Row Waterford, MI 48327

DATE 19__	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
9-28-2000	5119.2			PERFORMED 50 hr. Insp. IAW AVANTGARDE Av. Checklist SERVICED BATTERY, FILLED BRAKE RES., REPLACED NOSE TIRE AND TUBE w NEW BFG AVIATOR 25.00 x 5 6ply tire & MICHELIN tube C/W AD 90-02-23 PROP HUB, NO CRACKS FOUND w/ 10x glass. Avantgarde Aviation, Inc. w/o 18197 John H. Harn AP370661907 Oakland-Pontiac Airport 6250 H Row Waterford, MI 48327

DATE 7-2000 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7/11/00	5047.5			Removed Strobe light power supply and replaced with new like P/N item. Removed and replaced reinstalled pilot's encoding altimeter and vert speed ind after service by Superior Instruments, see yellow tags. Replaced 2 pneumatic lines in pitot/static system. Transponder tested by Top Flight. See WO #18112 <i>Amid June ADP 37364164</i>
I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY F.A.R. PART 91.411 HAVE BEEN PERFORMED. THE ALTIMETER WAS TESTED TO <u>30,000</u> FT FEET ON THIS DATE <u>7/7/00</u> BY <u>Superior</u>				Avantgarde Aviation, Inc. Oakland-Pontiac Airport 6250 H Row Waterford, MI 48327

The ATC transponder was tested and inspected on
7/11/00 and found to comply with 91.413
Part 43, Appendix F. Automatic altitude reporting equipment
was tested and calibrated on 7/1/00 in compliance
of 91.411 FAR 43, Appendix E, Paragraph (C). to 11,991 ft.
Work Order Number: 11991

Signature *Michael J. Welch*
TOP FLIGHT AVIONICS, INC.
C.R.S. TFGR831K

N8743E

DATE 8-2000 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
8-3-00	5059.3 TACH			R+I ALTIMETER FOR ADJUSTMENT AT SUPERIOR REPLACED CLAMP ON HOSE TO A/P STATIC LINE. TESTED + INSPECTED STATIC SYSTEM IAW FAR 43 APP E (a): w/in limit. <i>Alexander L. Page</i> Avantgarde Aviation, Inc. Oakland-Pontiac Airport 6250 H Row Waterford, MI 48327 3776801851A
8-14-00	5073.6 TACH			PERFORMED 50 HOUR INSPECTION IAW AVANTGARDE CHECKLIST. SERVICED BATTERY, BRAKE + HYD. RES. ADJUSTED NOSE DOWN LOCK SWITCH. ROTATED NOSE TIRE. REPLACED LEFT MAIN w/NEW CONDOR 6.00 x 6 x 8 P.R. +TORQUED BOLTS TO 150 in-lbs. SERVICED TIRES 35psi main 42psi nose. c/w AD 90-02-23 PROP HUB CRACKS BY INSP. w/10x GLASS ^{NEXT} c/w AD 78-23-01 FUEL DOOR BY INSP. 5173.6 c/w AD 93-02-05 FUEL INS. LINES BY INSP. NO LEAKS OR CRACKS, ROUTING CORRECT. NEXT DUE 5173.6 CONT'D →

5 DATE 2000 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/14/00	TACH 4969.0	hobbs 2345.9		Performed 50hr Service IAW Avantgarde Avn Checklist. Lubed ALT air cable, lubed elevator trim, repaired broken terminal on hobbs meter swt. Serviced all 3 fires to proper air pressure, and adjusted left M/S down light swt. Particulars for this Insp can be found in WO 18097 - end - <i>David Jones</i> AWP 37364164 Avantgarde Aviation, Inc. Oakland-Pontiac Airport 6250 H Row Waterford, MI 48327
5/3/00	TACH 4978.1			INSTALLED NEW ELECTRIC FUEL PUMP PN 1B5-6 PS. CK OK. - end - <i>Matt L...</i> AWP 367984507 Avantgarde Aviation, Inc. Oakland-Pontiac Airport 6250 H Row Waterford, MI 48327

6 DATE 2000 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/5/2000	5017.7			TACH AND TOTAL TIME TSMOH ENG 674 Performed 50hr. Service IAW Avantgarde Checklist. Serviced Hyd Reservoir to proper level. CW AD 76-07-12 MAG SWT BY RUN-UP, OKAY. Next due @ 5117/ANNUAL. CW AD 93-02-05 BY Insp. NO CRACKS NOTED in fuel injector lines, and all positioning clamps are in serviceable condition. Next due @ 5117 hours. CW AD 78-23-01 Fuel selector drain by Insp. Selector door opens and closes freely and prevents actuation of drain lever. Next due @ 5117. WO 18086 <i>David Jones</i> AWP 37364164 Avantgarde Aviation, Inc. Oakland-Pontiac Airport 6250 H Row Waterford, MI 48327

DATE 3 99 19	RECORDING TACH TIME	TODAYS FLIGHT TIME	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
12/15/99	tach=4875			Service, charge and install New Gill G35 battery. Secure loose wire on Altern. side of Master switch. Replace Voltage reg. with offc unit, see maint. release. Replace Nav. light lamps and eng. inst. light lamps with new. Replace "strut" bracket from altern. to starter with new. Replace A+ boot on alternator with new. Ground run - ops good. <i>Paul R. Blizal</i> AIP 385821844
2-2-00	4916.3			RE-INSTALLED ELT AFTER G-SWITCH + OUTPUT TEST GOOD w/NEW R88-9V BATTERY PACK. DUE DEC. 2001. REMOVED INOP PLACARD - SEE ENG. LOG. <i>Alexander L. Hage</i> 377680185 IA
				Avantgarde Aviation, Inc. w/o 17970 Oakland-Pontiac Airport 6250 H Row Waterford, MI 48327

AVANTGARDE AVIATION, INC.
AIRFRAME LOG ENTRY N8743E

2/25/2000, ANNUAL INSPECTION, TACK AND TOTAL TIME 4920.0, CW AD 93-02-05 FUEL INJ LINES BY INSPECTION NO CRACKS FOUND AND ALL CLAMPS ARE TIGHT DUE EA 100 HOURS, CW AD 76-07-12 MAG SWITCH BY RUN UP OPS FOUND TO BE NORMAL DUE EA ANN\100 HOURS, CW AD 78-23-01 FUEL DRAIN DOOR BY INSPECTION FOUND DOOR CLOSES PROPERLY OPS NORMAL DUE EA 100 HOURS, CW AD 90-02-03 PROP HUB BY DY-CK AND VISUAL NO CRACKS FOUND DUE EA 50 HOURS, CW AD 99-24-10 STD BY VACUUM SYSTEM BY INSTALLING NEW VALVE TO CHANGE SYSTEM FROM SERIES 3 TO 5 STATUS AS A ALTERNATE METHOD OF COMPLIANCE AD NO LONGER APPLIES, AD 99-23-22R1 TRAFFIC ALERT DNA TYPE EQUIPMENT NOT INSTALLED, AD 99-05-09 INDUCTION AIR FILTER DNA BRACKET FILTER INSTALLED, AD 99-04-04 MAG DNA BENDIX MAGS INSTALLED, TIGHTENED FUEL TANK INTER CONNECT HOSE CLAMPS, REPLACED RIGHT MAIN TIRE AND RH BRAKE LININGS, REPLACED WORN BOLT IN LH MLG TOP TORQUE LINK, SERVED STRUTS, REPLACED FUEL CAP SEALS, DEGREASED BELLY, REPLACED TOP LH COWL FASTENER, REPLACED REAR DOOR HINGE PINS AND INSTALLED BUSHINGS IN EYE BOLTS, REPLACED STRAINER DRAIN O RING, REINSTALLED CABIN AIR BLOWER HOSE, DROP TESTED ELT AND FOUND NORMAL OPS, RELOCATED TANIS PLUG FROM OIL DOOR TO FWD LH BAFFLE, REPLACED OIL LOW PSI SWITCH, I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION WORK ORDER #18002 JOHN F JOHNS 1519936A&I *John F Johns*

DATE 19 <u>99</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/1/99	Tach		total time airframe = 4854.	IFR Certs due July 2000. Continuation of logs for aircraft PA32R300, SN: 32R7680171, N8743E, 100 hr. inspection. Clean and lube flight controls and control surfaces. Inspect and test ELT, ops good, replace batteries by Dec. 1999. Place aircraft on jacks. Clean and lube landing gear. Clean and repack wheel bearings. Replace NLG tire w/new. Reseal RT. brake caliper and service system. Swing gear numerous times, all ops good, incl. over- extensions. Repair bott. eng. cowlings by fiber- glassing. A.D. 90-02-23, Hartzell Prop, by insp, no defects noted, due again SOLS. A.D. 78-23-01, fuel door, by insp., no defects noted, due again 100 hr. A.D. 93-02-05, fuel inj. lines, by insp. & test, no defects noted, due again 100 hrs. cont'd:

DATE 19 <u>99</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/1/99	TAF = 4854			cont'd: A.D. 76-7-12, Ign. Switch by insp. & test, no defects noted, due again 100 hrs. Research A.D.s through 99-19. Wash and clean aircraft. Mark P. Blizack A&P 38582184
				WATERFORD AVIATION INC. 10/1/99 date 4854 Tack I certify that this Aircraft has been inspected in accordance with an 100 hr. inspection and is determined to be in Airworthy Con- dition. MARK P. BLISZACK A&P 38582184IA <u>Mark P. Blizack</u> I.A.
10/20/99	Tach		TAF = 4862.2	Place aircraft on jacks. Install Pifer S.K. 765-199, Back-up ldg. gear extender-removal, IAW instruction and drawings provided. Swing gear numerous times, all ops good, incl. over-extensions. service flowerpuck reservoir. Replace fuel gauges w/new #38582184

Aircraft Record General Information

Manufacturer

Piper

Model

PA32R300

Serial

32R7680171

Registration Number

N8743E

Date of Manufacture

Engine(s) currently installed:

Manufacturer

Tex. Lyco

Model

I0540K16SD

Serial

L-1408048A

Manufacturer

Model

Serial

Propeller(s) currently installed:

Manufacturer

Hartzell

Model

HCC2YR1BF

Serial

CH21387

Serial

Serial

HUB Model

Blade Model

Blade Model

Serial

Serial

Serial

Serial

Serial

8743 E

#1

AIRCRAFT LOG
AL-12P

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
5/20/99	Tach and total time A/F= 4699.	50hr. inspection. Service tires, service battery, A.D. 90-02-23, Hartzell Prop, by insp., no defects noted, due again 50hrs. Wash and clean aircraft.
		Mark P. Bliszack A&P 385821844

6/21/99	Tach and TAF= 4749. 100hr. insp.	Clean and lube flight controls and control surfaces! Inspect and test ELT, ops good, replace batteries by 12/99. Place aircraft on jacks. Clean and lube landing gear, swing numerous times, all ops good including emer. extensions. Clean and repack wheel bearings. Replace battery master switch with new, ops good. Service battery. Service brake + hyd. reservoirs. A.D. 90-02-23, Hartzell Prop, by insp.,
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INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		NO defects noted, due again 50hrs. A.D. 78-23-01, fuel door, by inspection, no defects noted, due again 100hrs. A.D. 93-02-05, fuel inj. lines, by insp., no defects noted, due again 100hrs. A.D. 76-7-12, Ign. switch, by testing, ops good, due again 100hrs. Wash and clean aircraft.
		Mark P. Bliszack A&P 385821844

WATERFORD AVIATION INC.

6/21/99 date 4749 Tack I certify that this Aircraft has been inspected in accordance with an 100hr. inspection and is determined to be in Airworthy Condition.

MARK P. BLISZACK A&P 385821844A

Mark P. Bliszack I.A.

7/9/99	Tach and TAF= 4777.7	Replace both brake discs with new RA/64-02300. Replace linings. Service brake reservoir. Replace both cowling. Washing w/new.
		Mark P. Bliszack A&P 385821844

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
3/17/99	Tach and total time airframe = 4649	Annual inspection. Clean and lube flight controls and control surfaces. Replace lower cowling grommet and ring, replace upper cowling fastener w/new. Replace Rt. aileron inboard hinge w/new. Repair Lt. Aileron and strap. Replace vacuum reg. filter w/new. Place aircraft on jacks. Clean and lube gear. Service wheel bearings, R+R NLG tire w/new cowling. Replace brake linings w/new. Service brake reservoir. Swing gear numerous times, all ops good including emergency extensions. Inspect and test ELT TAW FAR 91.207(d), all ops good, replace batteries by 12/99. Research ADS through 9905. The following A.D.'s were researched and determined not applicable: 99-05-09, 99-04-04, 99-03-05, 98-23-01, 98-25-02, 98-25-10. A.D. 96-12-07, TCM

INSPECTION RECORD

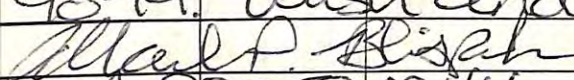
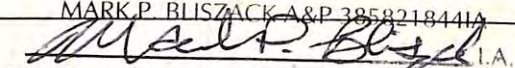
F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
IMP. coupling, by INSP. TAWS B's 639 + 645, NO defects noted, due again 500 hrs. A.D. 97-01-01, PCW 5/97 @ 4145 TAF, New 98" studs and bush. Reamed, term. action. A.D. 76-7-12, Bendix Ign. Switch, by INSP. + test, ops good, due again 100 hrs. A.D. 93-02-05, fuel inj. lines, by INSP. No defects noted, due again 100 hrs. A.D. 78-23-01, fuel door, no defects noted, due again 100 hrs. A.D. 90-02-23, Hartzell prop, by INSP. No defects noted, due again 50 hrs. Wash and Clean aircraft. — END — Thomas A. Richardson A&P 2298530.		
3-17-99	4649	WATERFORD AVIATION INC. Tack I certify that this Aircraft has been inspected in accordance with an <u>Annual</u> inspection and is determined to be in Airworthy Condition.
		WATERFORD AVIATION INC. 3/17/99 date 4649 Tack I certify that this Aircraft has been inspected in accordance with an <u>Annual</u> inspection and is determined to be in Airworthy Condition. MARK P. BLISZACK A&P 385821844IA Mark P. Bliszack J.A.

Contd:

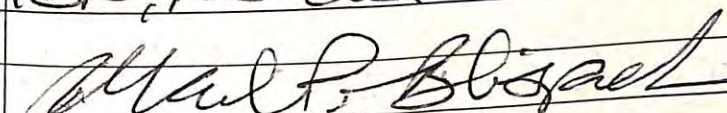
INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
Signal KT-76A XPDR, and A.D. 98-18-12, Text Lyco. Rotary fuel pump, all do not apply. A.D. 76-7-12, Ign. switch, by INSP. + test, No defects noted, due again 100hrs. A.D. 93-02-05, fuel inj. lines, by INSP. No defects noted, due again 100hrs. A.D. 78-23-01, fuel door, by INSP. No defects noted, due again 100hrs. A.D. 90-02-23, Hartzell prop, by INSP. No defects noted, due again 50hrs. Research A.D. thru 98-19. Wash and clean aircraft.		
 A&P 385821844 WATERFORD AVIATION INC. 10/5/98 date 4553 Tack I certify that this Aircraft has been inspected in accordance with an 100hr inspection and is determined to be in Airworthy Condition. MARK P. BLISACK A&P 385821844  I.A.		

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
12/22/98	Tach and total time airframe = 4600.	50 hr inspection. Service tires, service battery. Remove and install emergency gear extender for repairs by Piper aircraft, see maintenance release tag. Reinstalled and rigged. Remove hydraulic power pack for overhaul by aero electric, see maint. release tag & data. Reinstalled power pack assy. Service w/ fluid. Swing gear numerous times, all ops good including numerous emergency extensions. Service power-pack with fluid. All work done ITAW Piper maintenance manual. Wash and clean aircraft. A.D. 90-02-23, Hartzell prop by INSP. No defects noted, due again 50hrs.
 A&P 385821844		

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
8/19/98	Tach = 4503. TTR = 4503. Solr. (NSP)	Replace L. light wire from switch to breaker w/ same gage wire. File false panel around D.G. knob, test, ops good. Service nose strut w/ Nitrogen. Paint N/G steering limits. Reline both brakes w/ new RAGG-TS, service Master reservoir, test, ops good. A.D. 90-02-23, Hartzell prop, by inspection, no defects noted, dye agains SOLR. Wash and clean aircraft. Service tires, service battery, check powerpack fluid level, all good.
		Mark P. Blizal A-P 385821844

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
10/5/98	Tach and total time airframe 4553 100hr. inspection. Clean and lube flight controls and control surfaces. Inspect and test ELT, ops good, replace batteries by Dec. 99. Place aircraft on jacks, clean and lube landing gear. Rotate NG tire on rim. Replace ML8 tires with new Condors. Clean and repack wheel bearings. Replace pitot mast heat element with new, test, ops good. R+R fuel inj. servo for compliance with M&B PRS-103. No defects noted, data plate stamped, see engine logbook. Swing gear numerous times, all ops good including emer. extension. Replace sea top cowl fastener with new. The following A.D.s were researched and found not to apply to this aircraft/ engine: 98-17-11, crank failure, 98-14-03, Allied-	

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		No defects noted, due again 100hrs. A.D. 93-02-05, fuel inj. lines, by inspection, no defects noted, due again 100hrs. A.D. 76-7-12, IGA switch, by insp. and test, no defects noted, due again 100hrs. Research A.D.'s through 98-10. Wash and clean aircraft.
		Mark P. Blizack A&P 385821844
		WATERFORD AVIATION INC. date <u>4/5</u> Tack I certify that this <u>Aircraft</u> has been inspected in accordance with an <u>100hr</u> inspection and is determined to be in Airworthy Condition. MARK P. BLIZACK A&P 385821844A <u>Mark P. Blizack</u> I.A.

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		The ATC transponder was tested and inspected on <u>7/12/98</u> and found to comply with 91.413 Part 43. Appendix F. Automatic altitude reporting equipment was tested and calibrated on <u>7/12/98</u> in compliance of 91.411 FAR 43. Appendix E, Paragraph (C). to <u>35,000</u> ft. Work Order Number: <u>90225</u>
		Signature <u>Tom Johnson</u> TOP FLIGHT AVIONICS, INC. C.R.S. TFGR831K
		I certify that the altimeter and static system tests required by FAR 91.411 have been performed. The altimeter was tested on <u>7/12/98</u> by <u>SUPERIOR</u> to <u>35,000</u> ft.
		Signature <u>Tom Johnson</u> TOP FLIGHT AVIONICS, INC. C.R.S. TFGR831K
		7/23/98 Tack 4477. Replace Hydraulic system "dump valve" (hoof valve) with new #67522-002, service system with fluid. Swing gear Numerous times, all ops good including emergency. Aircraft test flown, all ops good. Mark P. Blizack A&P 385821844

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
12-1-97	Tach 4327.75	Service tires with air. Service charge and install battery. Ground run (fresh alternator) ops good. Mark P. Blisack ACP385821844

3-23-98

Tach and Total time 4353.

Annual Inspection

Engine S/N=L-14080-48A, with a total time of 4353, was major overhaul this date and time, see engine logbook. Replace engine mount assy. with overhauled unit, S/N=K1573, see maint. release tag. Installed NLG. Replaced NLG pivot bolts and bushings with new. Replace NLG down lock assist springs with new. Replace torque-link and scissor bolts with new. Replace all gear actuator flex hoses with new. Service hydraulic reservoir. Clean and lube landing gear. Service all wheel bearings. Swing gear numerous times. Adjust and rig NLG in accordance with maintenance manual. All ops good including multiple emergency extensions. Clean and lube flight controls and control surfaces. Replace cherry-max rivets, bottom, tailing edge of RH flap. Service fuel strainer screens. Inspect and test ELT IAW, FAR 91.207 (d), all ops good. Replace batteries by Dec. 99. A.D. 91-14-22, prop strike . . . , by inspection and rework IAW S.B. 475, bolt and tab replaced with new, next due at prop strike, overhaul or gear train work. A.D. 93-02-05, fuel injection lines, by insp. IAW S.B. 342, no defects noted, due again 100 hrs. or annual. A.D. 96-09-10, oil pump impeller, does not apply to model usage. A.D. 96-12-07, TCM impulse coupling, due @ 4853 TTAF. A.D. 90-02-23, Hartzell prop, due @ 4403 TTAF. A.D. 78-23-01 fuel door, by inspection, no defects noted, due again 100 hrs. A.D. 95-26-13, oil cooler hoses, by replacement (c), all fluid hoses in engine compartment replaced, this date and time, with teflon "lifetime" hoses and firesleeved, terminating action. A.D. 76-7-12. IGN switch, by inspection and test ops good, due again 100 hrs. Research A.D.'s through 98-05. Wash and clean aircraft. Aircraft test flown, all ops good. Aircraft return to service.

Mark P. Blisack ACP385821844

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		WATERFORD AVIATION INC. 3-23-98 date 4353 Tach I certify that this Aircraft has been inspected in accordance with an Annual inspection and is determined to be in Airworthy Condition. MARK P. BLISZACK A&P 385821844IA Mark P. Blisack

6/25/98 Tach = 4453, TTAF = 4453. 100hr inspection. Clean and lube flight controls and control surfaces. Inspect and test ELT. Ops good, replace batteries by Dec. 99. Place aircraft on jacks. Clean and lube landing gear. Repack all wheel bearings. Rotate both NLG tires on rims. Swing gear numerous times, all ops good including emergency. A.D. 90-02-23 Hartzell prop. by inspection. No defects noted, due again 100 hrs. A.D. 78-23-01, fuel door, by insp. + test -

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
8-21-97	Hobbs 4238	- No defects noted, due again 100 hrs. A.D. 97-15-11, Piston pin failure, does not apply, no parts replaced. Research A.D.s through 97-16.
		Mark P. Blisak AIP 385821844

WATERFORD AVIATION INC.

8-21-97 date 4238 Tach I certify that this Aircraft has been inspected in accordance with an 100 hr. inspection and is determined to be in Airworthy Condition.

MARK P. BLISZACK A&P 385821844/A

9-26-97 Tach 4289. A.D. 90-02-23, Hartzell prop, by inspection, no defects noted, due again 50 hrs.

Mark P. Blisak
AIP 385821844

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
10-2-97	Tach 4297	Total time 4297. Replace nose tire with new condor. Replace hardware in air cleaner cover. Repair tail nav. lamp. ground wire. Replace bushings in fwd. lower cowlng. Reseal R. brake caliper, replace linings service + bleed system. A.D. 97-18-02, Hartzell prop, does not apply to this model. 50 hr. INSP. Completed.
		Mark P. Blisak AIP 385821844

10/17/97 Tach + Total time 4305 Installed repaired/overhauled ELT unit in aircraft - ops check OK. Yellow tag is attached to ELT. Battery replacement Dec. 1999. Daniel J. Snow AIP 585065083



INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
5-23-97	TAF 4145	A.D. 78-23-01, fuel door door, by INSP. + test, no defects noted, due again 100hrs. A.D. 90-02-23, Hartzell Prop, by INSP, no defects noted, due again 50hrs. A.D. 93-02-05, Text. Lyc. Fuel inj. lines, by inspection, no defects noted, due again 100hrs. A.D. 76-7-12, Ign. switch, by INSP. + test, no defects noted, due again 100hrs. Research A.D.s through 9709
		Mark P. Bliszack A+P385821844

WATERFORD AVIATION INC.

5-23-97 date 4145 Tack I certify that this Aircraft has been inspected in accordance with an Annual inspection and is determined to be in Airworthy Condition.

MARK P. BLISZACK A&P 385821844IA

Mark P. Bliszack I.A.

7-3-97 Tach and total time 4185. 50hr. INSP. service times with air. Remove aft two seats. A.D. 90-02-23, Hartzell Prop, by inspection,

INSPECTION RECORD

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DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
cont'd:	NO	defects noted, due again
IN 50hrs.		Mark P. Bliszack A+P385821844
8-21-97	Tach and total time = 4238	100hr. inspection. Clean and lube flight controls and control surfaces! ELT found to be INOP. Removed for repairs and placarded panel. Place aircraft on jacks. Repack all wheel bearings. Clean and lube landing gear. Swing numerous times, all ops good incl. emer. extension. A.D. 90-02-23, Hartzell Prop, by inspection, no defects noted, due again 50hrs. A.D. 78-23-01, fuel door, by INSP. + oper, ops good, due again 100hrs. A.D. 95-26-13, oil cooler hoses, by inspection, no defects noted, due again 100hrs. A.D. 76-7-12, Ign. switch, by testing, ops good, due again 100hrs. A.D. 93-02-05, Fuel inj. lines, By INSP.

cont'd next page

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		Date: 1/29/97, A/C Time: 4046.81 hours, N Number: N8743E A/C Make: PIPER A/C Model: PA-32R-300 A/C SN: 32R-7680171 W.O. NO: 4127 Removed the following equipment: NONE Installed the following equipment: SF-2000 DISPLAY SF-2000 ANTENNA The installation was performed in accordance with manufacturers specifications and is approved for return to service. The new aircraft empty weight is: 2123.7 lbs. The new center of gravity is 80.92 inches. The new moment is: 171855.5 The new useful load is: 1476.3 lbs. <i>V. Powell</i> Authorized Signature for: OAKLAND AVIONICS COMPANY, 6360 HIGHLAND RD, WATERFORD MI 48327 CRS# XOKR329L
4/3/97		Tach and total time 4095.50hr. insp. using company forms. Rotate NLG tire. Replace Lt. brake linings w/ new A.D. 90-02-23, Hartzell Prop. By insp. No defects noted, due again 50hrs. A.D. 97-01-03, Piston pin failure, No parts replaced in this engine, A.D. 97-01-01, NLG side-brace stud, PCW A.D. 95-20-07, Next inspection due @ 4151.1 <i>Maubt. Bishop</i> A# 385821844

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
5-23-97		Tach and total time 4145. 100hr./ Annual inspection. Clean and lobe flight controls and control surfaces. Inspect and test ELT, replace battery pack by July 97, ops good. Place aircraft on jacks. Clean and lobe landing gear. Service power pack w/ fluid. Replace RMLG tire with new conder. Replace both MLG studs with new 5/8" diam. #78717-002. Bushings reamed by hand to .625. New hardware and roll pins installed. Swing gear numerous times, all ops good including emergency. Install new co-pilots shoulder harness assy. #452-692. Repair Pilots seat & seat back. A.D. 97-01-01, Piper MLG stud, by replacement I(9)(iii). 5/8" diam. studs installed, terminating action. A.D. 95-26-13, oil cooler hoses, by inspection, No defects noted, due again 100hrs. <i>confd</i> →

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
1-9-97	Tach 4045. Total time A/F= 4045. 100hr.	inspection. clean and lube flight controls and control surfaces. INSPECT and test ELT IAW FAR 91.207(d), all ops good. Replace by July 97. Remove both otbd. fuel tanks, replace fuel hose couplings w/ New (all) P/N's = 63913-092, -093 + -193. Replace fuel transmitter gaskets w/ New. Replace Rt. inbd fuel tank drain valve w/ New. Reinstalled tanks and fueled, no leaks detected, ops good. Replace Plastic cover over Elec. switches w/ New. Replace both aileron otbd hinge assys w/ New. Replace Rt. flap rod end (at flap) w/ New. Resealed top RH windscreen. Place aircraft on jacks. Clean + repack wheel bearings. Clean + reseal Rt. brake caliper. Service brake + powerpack reservoir. Replaced Rt. brake linings w/ New. Rotate NLG tire on rim. Re-bush Rt. scissors and Lt. bottom bushings w/ New. Swing gear

INSPECTION RECORD

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		Numerous times, all ops good incl. emergency. clean + lube gear. Service + charge battery. A.D. 93-02-05, F.I. lines, by Insp., No defects noted. A.D. 76-7-12, Ign. sw., by inspection, No defects noted. A.D. 78-23-1, fuel door, by Insp., No defects noted. A.D. 95-26-13, oil hoses, by Insp., No defects noted. All above A.D.'s due again in 100hrs. A.D. 90-02-23, Hartzell prop, by Insp., No defects noted, due again soon. A.D. 96-23-03, Text. L.Y.C. Hi. Press. F.P., Eff. 12-17-96, does not apply. No parts replaced. Research A.D.'s thru 96-26. Wash + clean aircraft.
		Mark P. Blisack #38521844 WATERFORD AVIATION INC. 1-9-97 date 4045 Tack I certify that this Aircraft has been inspected in accordance with an 100hr inspection and is determined to be in Airworthy Condition. MARK P. BLISACK AWP 38521844 I.A. Mark P. Blisack

F.A.R. 43.11 - 91.217

F.A.R. 43.11 - 91.217		
DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
overhaul overhaul 96-17	11-84, tach 2185, Part (C) (1) due @ overhaul or 7-15-2001. Research A.D's through 96-17	Mark P. Bliszak ACP 385821844
		WATERFORD AVIATION INC.
		9496 date 3742 Tack I certify that this Aircraft has been inspected in accordance with an 10 hr. inspection and is determined to be in Airworthy Con- dition.
		MARK P. BLISZACK A&P 385821844IA Mark P. Bliszak I.A.
10-31-96		Tach and total time 4004.39. 50hr insp. Using company forms. Replace LMLG tire w/new. Replace oil pressure switch w/new. A.D. 90-02-23, Hartzell prop by inspection, no defects noted, due again 50hrs. Wash & clean aircraft. Mark P. Bliszak ACP 385821844

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
overhaul overhaul 96-17		11-84, tach 2185, Part (C) (1) due @ or 7-15-2001. Research A.D's through Maurit. Blisack A&P 385821844
		WATERFORD AVIATION INC. 9496 date 3742 Tack I certify that this Aircraft has been inspected in accordance with an 10 hr. inspection and is determined to be in Airworthy Con- dition. MARK P. BLISZACK A&P 385821844IA Maurit. Blisack I.A.
10-31-96		Tach and total time 4004.39. 50hr insp. Using company forms. Replace LMLG tire w/new. Replace Lt. inbd. brake linings w/new. Replace oil pressure switch w/new. A.D. 90-02-23, Hartzell prop. by inspection, no defects noted, due again 50hrs. Wash & clean aircraft. Mark P. Blisack A&P 385821844

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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Corporate Jets
Maintenance, Inc.15 Allegheny County Airport
West Mifflin, PA 15122-2669412-466-8420
Fax 412-466-1824
800-245-0230DATE: 6/25/96
HOBBS: 1179.3
TACH: 3866.16

N8743E

Piper PA32R-300
S/N 32R-7680171

AIRFRAME LOGBOOK INSERT

Landing gear hydraulic pump would not stop running after gear retraction. Found incorrect pressure switch installed. Removed hydraulic pump pressure switch (P/N 587-847, S/N Y130) and installed a new switch (P/N 487-937, S/N R146). Serviced hydraulic reservoir. Operationally and leak checked, landing gear, satisfactory. For details see Corporate Jets Maintenance, Inc. Work Order No. 1-3-4225-1.

Robert M. Ainsley
A&P190604103

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
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724-96 Tach 3878 Replace hydraulic
power pack w/ overhauled unit, S/N=AH-2775.
Jack Aircraft, swing gear numerous times, ops
good, no leaks detected.

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
6-12-96	Tach 3849.5	Total time 3849.5 100hr/annual inspection. Clean and lube flight controls and control surfaces. Service battery, service hydraulic power-pac, service brake reservoirs. Clean and lube landing gear, service wheel bearings, replace NG tire w/new, swing gear numerous times, ops good. Refine both brakes w/new linings + rivets. EIT due July 97. test, ops good. Replace vacuum regulator filter and Main gyro filter with new. A.D. 93-02-05, Fuel inj. lines, by inspection, No defects noted, due again 100hrs. A.D. 90-03-23. Prop lub, by inspection, no defects noted, due again in 50hrs. A.D. 78-23-1 fuel door, by inspection/test, No defects noted, due again in 100hrs. A.D. 76-7-12, Ign. switch, by test/inspect, No defects noted, due again in 100hrs. A.D. 96-10-03, Flap handle bolt, 4w(b)(c)(d) and Piper S.B. 965, replaced bushing + bolt w/new, terminating action. A.D. 95-26-13, oil cooler hoses,

INSPECTION RECORD

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		Replaced all flex hose assy's w/new TSO-C53a type C, reinspect every 100hrs, replace in 8yrs or 1000hrs. Research ADS through 96-10. Wash interior + Exterior of aircraft. Aircraft test flown, ops good.
		WATERFORD AVIATION INC 6-12-96 date 3849 Tach I certify that this Aircraft has been inspected in accordance with an Annual inspection and is determined to be in Airworthy Condition. MARK P. BLISZACK A&P 385821844IA <i>Mark P. Bliszack</i> I.A.

The ATC transponder was tested & inspected on 6/12/96 & found to comply with FAR 91.413, IAW FAR 43 App.F. Automatic altitude reporting equipment was tested & calibrated 6/12/96 to an altitude of 20 thousand feet & found to comply with 91.411, IAW FAR 43 App.E Par.(c) W/O# 3776
Signature *Timothy Powell*
OAKLAND AVIONICS CO. CRS XOKR329L

The static pressure system was inspected and tested 6/12/96 & found to comply with 91.411, IAW FAR 43 App. E. Par. (a). W/O# 3776

Signature *Timothy Powell*

OAKLAND AVIONICS CO. CRS XOKR329L

INSPECTION RECORD

F.A.R. 43.11 - 91.217

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1-9-96	Tach 3718.7	Total time 3718.7 50 hr. insp. service battery, service hydraulic reservoir. Installed new brake discs # 164-02300, Installed all new brake linings and rivets. Resealed Rt. brake caliper service brake reservoir and bleed both brakes. Replace 4ea. camlock fasteners in air filter cover. Replace Lt. Nav. lamp with new, test, ops good. Bleed pilot seat hydrolock, ops good. A.D. 900223, Prop. hub, by inspection. No defects noted. Due again 50 hrs.
		Mark P. Bliszack A&P 385821844
		Waterford Aviation Inc. 2121 Airport Road Waterford, MI 48327

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
3-11-96	Tach time and total time 3749.	100hr. Annual inspection. Clean and lube flight controls and control surfaces. Clean and lube landing gear, swing gear, ops good. Service battery, service hydraulic reservoir. #14. Due July 97. test, ops good. A.D. 78-23-1, fuel door, by inspection, no defects noted. A.D. 93-02-05, fuel in. lines, by inspection, no defects noted. A.D. 95-26-13, oil cooler hose, by inspection, no defects noted. All due again in 100 hrs. A.D. 90-02-23, prop hub, by inspection, no defects noted, due again in 50 hrs. Research a.d.s through 96-04.
		WATERFORD AVIATION INC. 3-11-96 date 3749 Tack I certify that this Aircraft has been inspected in accordance with an 100 hr inspection and is determined to be in Airworthy Condition.
		WATERFORD AVIATION INC. 3/11/96 date 3749 Tack I certify that this Aircraft has been inspected in accordance with an Annual inspection and is determined to be in Airworthy Condition.
		MARK P. BLISZACK A&P 385821844A Harvey W. Bliszack A&P 1563345

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
6-13-95	Tach 3548.2 Total 3548.2	Completed Annual
Insp. Per Company Insp Form. Placed Aircraft on Jacks		
Lubed + Cycled Gear. Changed ELT Battery. Next Due		
July '97'. Ops Check Okay. Clw AD 76-07-12 Ign		
Switch ops check. Next Due 100hr. Clw AD 78-23-1		
Fuel Door Insp. No defects noted Next Due 100hr.		
Clw AD 90-02-23 Prop Hub Insp. No defects noted. Next		
Due 50hr. Clw AD 93-02-05 Fuel Injector Line Insp.		
No defects noted. Next Due Annual/100hr. Performed		
Routine Visual + Run up Checks all Okay.		
AD 95-07-01 Lycoming Rod Bolts + 94-01-03 R1		
Coil + Rotors Due next Apply.		

WATERFORD AVIATION INC.

6-13-95 date 3548.2 Tach I certify that
this Aircraft has been inspected
in accordance with an Annual
inspection and is determined to be in
Airworthy Condition.

Frank Pulte ACP 373641876 IA

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
11-9-95	Tach 3651.1 Total 3651.1	Completed 100hr Insp
Per Co. form. Placed A/c on jacks. Lubed + Cycled gear		
Cleaned + Pack'd main gear Brg. Replaced Co-Pilots		
Windshield. Changed Both main tires. Replaced		
Rubber hose on LT fuel tank vent line. Repaired		
Baffling in Heat muff. Clw AD 76-07-12 Ign Switch		
Ops Check. Next Due at 3751.1 Clw AD 78-23-01 Fuel Door		
Insp. Next Due at 3751.1 Clw AD 90-02-23 Prop Hub		
Insp. No defects noted. Next Due 3701.1 Clw AD 93-		
02-05 Fuel Injector Line Insp. Next Due at annual		
OR 3751.1 Clw AD 95-20-07 Ldg. side Brace stud		
Insp. studs magnafluxed by H&S Prop Shop. No defects		
Noted. Next Insp Due at 4151.1 Performed Routine Visual		
& Run up checks. all Okay. — End —		

WATERFORD AVIATION INC.

11-9-95 date 3651.1 Tach I certify that
this Aircraft has been inspected
in accordance with an 100hr
inspection and is determined to be in
Airworthy Condition

Frank Pulte ACP 373641876

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
6-17-94		Tach time and total time 3503. Lobe flight controls. Repack wheel bearings. Elt. battery due 6-95, test, ops good. Removed and replaced power pack for overhaul, reinstalled, serviced, lubed gear, swung, checked ops good, HYC-5005, SN-79-0987. A.D. 93-5-10, C/w (b) installed kit # 760-253 per instructions. AD 78-23-1 Fuel door, by INSP, due again in 100hrs. AD 93-02-05 Fuel insp. lines, by inspection due again ANN/100hr. AD 90-02-23 Prop hub, by inspection, no cracks, due again 50hrs. AD 76-7-12, Ign. Switch, by inspection, due again 100hrs, switch ok. Removed and installed Altimeter/Encoder for certs, see yellow tag. Perform static system check, ops good.	
		The altimeter and static system required by FAR part 91.411(b) (3) have been performed. The altimeter has been tested to 35,000 ft.	
Signed		Mark P. Bishop	
Date		6-17-94	

WATERFORD AVIATION INC.

6-17-94 date 3503 Tackl certify that this Aircraft has been inspected in accordance with an Annual inspection and is determined to be in Airworthy Condition
 1563545

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		The ATC transponder was tested & inspected on 6/17/94 & found to comply with FAR 91.413, IAW FAR 43 App.F. Automatic altitude reporting equipment was tested and calibrated 6/17/94 to an altitude of 20 thousand feet & found to comply with 91.411, IAW FAR 43 App.E Par.(c) W/O# 2517 Signature <u>Norm McSouth</u> OAKLAND AVIONICS CO. CRS XOKR329L
11-7-94		Tach time 3535.7. C/w A.D. 90-02-23 Prop. hub insp., by inspection. No cracks detected. Due again in 50hrs. Replace both top cowl fasteners w/ new #6246-000. Serviced and charged battery. Mark P. Bishop AIP385821844

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
6-8-93	TACH AND TOME TIME 3370.93	REPLACED AFT CABIN CARGO DOOR UPPER SEAL, REPLACED BOTH FLEXIBLE BRAKE LINE TO CALIPERS, REPLACED BAD LAMPS ON PANEL, REPLACED PARKING BRAKE PISTON ASSY, REPLACED RIGHT ADLERON HINGE PINS, REPLACED RIGHT BRAKE LININGS, REPLACED NOSE TIRE, REMOVED CRT RESIN 88 S/N 115C1302 FOR REPAIR	
		REPLACED PANEL, AD 93-5-10 CW BY INSPECTION PART (A) NO CRACKS PARTS ON ORDER FOR PART (B) PART (C) PCW	
		PART (A) DUE AGAIN IN 100 HRS, AD 93-5-21 BY INSP	
		PART (B) PUMP NOT OVER HAUDED BY ATE, AD 90-2-23	
		CW BY INSPECTION PART (A) NO CRACKS AD DUE AGAIN	
		IN 50 HRS OR 50 FLIGHTS, AD 78-23-1 CW BY INSPECTION	
		OF DOOR PART (B) (1) & (3) DOOR OK AD DUE AGAIN IN 100 HRS, AD	
		76-7-12 CW BY INSPECTION PART 1. (A) - (C) SWITCH OK, REPRESENTED	
		AD'S THROUGH 93-9 END	
		WATERFORD AVIATION INC. 6843 date 3370.93 I certify that this aircraft has been inspected in accordance with an <u>Annual</u> inspection and is determined to be in Airworthy Condition <u>Thomas Can</u>	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
12/7/93	TACH 3421	Complied w/ AD 90-2-23 EW/Part a	
		NO CRACKS AD DUE IN 50 HRS. OR 50 FLIGHT HRS. END	
		Waterford Aviation Inc. 2121 Airport Road Waterford, MI 48327 <u>Stephen Till</u> 368848711	
4/5/94	TACH 3469.45	Aired tires Serviced Battery	
		Complied with AD 76-7-12 Part 1. (A) - (C) Switch ok, Complied	
		with AD 78-9-7R3 Part (b) (C) (d) Bendix DGLN-2031 P/N	
		10-382560-13 S/N R7011557 Complied with ad 93-5-10 by	
		TOSP Part (a) no cracks Due again in 100 hrs. AD 78-23-1	
		of door Part (b) (1) & (3) Door ok Due again 100 hrs. AD 93-02-05	
		INT Lines Part (b) Due again 100 hrs AD 90-2-23 Part (A)	
		NO CRACKS DUE IN 50 FLIGHT HRS OR 50 HRS. END	
		Waterford Aviation Inc. 2121 Airport Road Waterford, MI 48327 <u>Stephen Till</u> G-P 368848711	

Record No.

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
5-8-92	TACH AND	TOTAL TIME 3258, REPLACED OVER HUND LIGHT	
	REOSTAT, REPLACED	SEVERAL BAD PANEL LIGHT LAMPS, REBUILT	
	ORINGS IN RIGHT	BRAKE CALIPER, REPLACED RIGHT MAIN TIRE	
	ADJUSTED NOSE GEAR	DOWN AND UP FOR PROPER TRAVEL	
	ADJUSTED RUDDER AND	STAB CABLE TENSIONS, CHECKED	
	SB 946 BY INSPECTION	PART I NO CRACKS, CHECKED	
	SB 755 BY INSPECTION	PART I NO CRACKS and PART III	
	INSTALLED 3 RIVETS	AD 90-223 CW BY INSPECTION OF PROP HUB	
	PART (A) NO CRACKS	AD DUE AGAIN IN 50 HRS OR 50 FLIGHTS	
	AD 78231 CW BY	INSPECTION PART (b)(1) & (3) DUE OK AD DUE	
	AGAIN IN 100 HRS	AD 76-7-12 100 CW BY INSPECTION PART (b)(2) - (E)	
	SWITCH OK AD DUE	AGAIN IN 100 HRS. REBUILT AD'S THROUGHOUT	
	92-8. TESTED	PITOT STATIC SYSTEM END	

I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY F.A.R. PART 91.411 HAVE BEEN PERFORMED. THE ALTIMETER WAS TESTED TO 35,000 FEET ON THIS DATE 5-6-92 BY SUPERIOR INST

WATERFORD AVIATION INC.
5-8-92 date 3258 Tack I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and is determined to be in Airworthy Condition
Thomas Can

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		N 8743 E	
		The ATC transponder was tested and inspected on 05/07/92 and found to comply with FAR 91.413. Automatic altitude reporting equipment was tested and calibrated on 05/07/92 in compliance of FAR 43, Appendix E, Paragraph (C). 25969	
		W.O. NUMBER	
		SIGNATURE Ed J. Denter	
		M I C H I G A N A V I A T I O N C O	
		1-313-666-3440 No. CRS # KL2R956K	

10/22/92	TACH	3321	INSTALLED D.G.	After Repair END
			Waterford Aviation Inc.	Steph Lill
			2121 Airport Road	asp 368848711
			Waterford, MI 48327	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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2-14-91	TACK 3083	① replace volt. Reg & S1915 ② RER NG for oil	filter @ replac alternator Harvey W. Bluszack 1563545 A1
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WATERFORD AVIATION INC.

4-3-91 date 3090 Tack I certify that
this Aircraft has been inspected in
accordance with an Annual inspection
and is determined to be in Airworthy Con-
dition.

HARVEY W. BLUSZACK A&E #1563545

Harvey W. Bluszack

c/w S B 946 & 930	by inspection @ replace elevator tips & vert stab fairing		
c/w A.D 78-23-01	& 76-2-12 by inspection		

3090

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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MAKE: Piper
MODEL: PA32R-300
SKY HARBOUR AIRCRAFT
REFINISHING LTD.
AMO NO. 25-88

S/N: 32R-7680171
REG: N8743E

Aircraft stripped and repainted in 3 colours of Alumigrip as per customers specifications. Control balance checked,
YES X NO THE ABOVE MATERIALS MEET THE FLAMABILITY REQUIREMENTS OF

Vestal White G8004
Stars & Stripes Blue H5161
Claret G7305

INTERIOR: Reupholstered as follows:
Carpet- Dynesty, Colour- Steel Blue
from Aircraft Carpet Specialists
Vinyl- Dresden, Colour- Iris, from Trider
Fabric- Cambridge, Colour- Steel
from Marion Fabrics, Foam-Polyurathane
from Industrial Foam & Rubber
Fuel tanks removed, cleaned & sealed
using PRC-PA10054 (MIL-9-4383B(2))
Piper service bulletin #527 filed with

AN INDEPENDANT INSPECTION OF THE FLIGHT
POWERPLANT CONTROLS THAT WERE AFFECTED

HAS BEEN ACCOMPLISHED
DATE AUG 27 1991

LIC. #

THE MAINTENANCE DESCRIBED ABOVE HAS
BEEN PERFORMED IN ACCORDANCE WITH
THE APPLICABLE STANDARDS OF AIRWORTHINESS.



Handwritten signature

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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The ATC transponder was tested and inspected on 4/10/90 and found to comply with FAR 91.172. Automatic altitude reporting equipment was tested and calibrated on 4/10/90 in compliance of FAR 43, Appendix E, Paragraph (C).
W.O. NUMBER 23818

SIGNATURE

M I C H I G A N A V I A T I O N C O
1-313-666-3440 NO. 3042

Date 12-28-88

Engine Time 2859

Installed the TAS-100 preheater system S/N 12853 in accordance with Tanis Aircraft Services instructions and drawings No. _____

Name Harvey W. Bliszczak

Mechanic# 1563545

MAINTENANCE RECORD

F.A.R. 43.9

3012

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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WATERFORD AVIATION INC.

3-3-89 date 2864 Tack I certify that this Aircraft has been inspected in accordance with an Annual inspection and is determined to be in Airworthy condition.

HARVEY W. BLISZACK A&E #1563545

Harvey W. Bliszczak

(1) repair bottom cowling (2) replace brake linings (3) repair R elevator tip

8-16-89

2957

50 hr inspection (1) replace brakes @ install ELT

& battery expires 6-91

WATERFORD AVIATION INC.

4-10-90 date 3012 Tack I certify that this Aircraft has been inspected in accordance with an Annual inspection and is determined to be in Airworthy condition.

HARVEY W. BLISZACK A&E #1563545

Harvey W. Bliszczak

(1) replace the following L-gear parts 2-151-823 tabs; 2-63900-122 bushings; 2-452-368 brgs; 1-26246-00 cow fastener. change lt main tire & oil brake oil.

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		WATERFORD AVIATION INC. 2-3-88 date 2616 Task I certify that this Aircraft has been inspected in accordance with an Annual inspection and is determined to be in Airworthy Condition. HARVEY W. BLISZACK A&E #1563543 <u>Harvey W. Bliszack</u>	T.T.A.F. 2616.0 hrs
		(1) repair top & bottom cowling (2) Replace top rudder bolt (3) Polaris brakes Rt & left. (4) install vacuum meter kit ADP-12-01 As per SB 83117 (5) Replace ELT Batt (6) Replace volt. Reg & over volt. relay (7) replace nose tire & valves	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		2753 WATERFORD AVIATION INC. 2/1/88 date 2753 Task I certify that this Aircraft has been inspected in accordance with an Annual inspection and is determined to be in Airworthy Condition. Howard K. Howell's A&P 172323248 TOTAL A&P time 2753 Change RT main Tire, & All Brake Linings & Retire maint. IA 172323248 Howard K. Howell 07/80 12/80 16/80 22/80 30/80 37/80 signed with The altimeter and static system required by FAR part 91.170 have been performed. The altimeter has been tested to 30,000 ft. Signed 2-1-88 Date A&P 172323248	

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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WATERFORD AVIATION INC.

12-10-85 date 2382 Tack I certify that this Airframe has been inspected in accordance with an Annual Inspection and is determined to be in Airworthy Condition.

HARVEY W. BLISZACK ASE #1563545

Harvey W. Bliszack IA

- ① Replace nose gear bearings & cones ② Replace brake linings as needed
③ new R-35 battery ④ turn nose fin for wear ⑤ reseal rear door

The altimeter and static system required by FAR part 91.170 have been performed. The altimeter has been tested to 30,000 ft.
Signed 12-5-85 Date Bliszack

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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The ATC transponder was tested and inspected on 12/14/85 and found to comply with FAR 91.172. Automatic altitude reporting equipment was tested and calibrated on 12/14/85 in compliance of FAR 43, Appendix E, Paragraph (C).
W.O. NUMBER 19098

SIGNATURE Edward J. Outhen

N8743E

MICHIGAN AVIATION CO
1-313-666-3440 NO. 3042

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
			log #2
		WATERFORD AVIATION INC. <u>11-12-84 date 2185</u> Task I certify that this Aircraft has been inspected in accordance with an Annual inspection and is determined to be in Airworthy Condition. HARVEY W. BLISZACK ASE #1563545 <u>Harvey W. Bliszack</u> IA.	T.T. Airframe 2185
		① Overhaul nose strut & main nose hydraulic cage ② Replace brake disc ③ Replace fuel drains; 2 ea. 556-391 oil coolers; 1 ea. 63901-98 oil cooler hose; 1 ea. 63901-99 oil cooler hose; 1 ea. 63901-100 oil cooler hose; 2 ea. 67517-00 mufflers; 4 ea. J3804-31 eng. mt.; 1 ea. 26246-00 cowl fastener	④ Replaced R & L main tires; 2 ea. new parts; 2 ea.
5-28-85		Replaced RHH windshield	1 H Bliszack 1563545

AIRCRAFT DESCRIPTION

MANUFACTURER

Piper

MODEL

PA32R 300

DATE OF MFG.

SERIAL NUMBER

8243E

REGISTRATION NUMBER

Serial # 32R7680171

REGISTERED OWNER

STREET ADDRESS

CITY, STATE, ZIP

OPERATOR

STREET ADDRESS

CITY, STATE, ZIP

REGISTERED OWNER

STREET ADDRESS

CITY, STATE, ZIP

OPERATOR

STREET ADDRESS

CITY, STATE, ZIP

Inspection Status

[Check one]

☐

F.A.R. 91.169 ANNUAL/100 HOUR

☐

F.A.R. 91.71 PROGRESSIVE

☐

F.A.R. 91.217 SUBPART D

☐

F.A.R. 135.60 A.T.C.O.

☐

OTHER

DATE ENTERED

MAINTENANCE RESPONSIBILITY