

N180LR

#3

 The Standard
AIRCRAFT LOG

ASA-SA-2

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

- Performed **AD 76-07-12** Bendix Mag Switch inspection. Operational check satisfactory. Next inspection due in 100hrs. at 2094.7.

- Performed **AD 72-08-06** Inspection of Landing Gear Torque Links. No cracks found. Next inspection due in 500hrs. at 2494.7.

- Performed **ANNUAL INSPECTION and 100 hour INSPECTION** of airframe as defined by 14 CFR appendix D to part 43. Aircraft found to be airworthy at this time.

Kenton Good A&P 3701376 IA Kenton Good

4 JKD

5/26/2023 N180LR Tach hours: 2095.3 Hobbs: 5451.5 & 0.4 AFTT: 5340.3

- Cleaned and treated wings with Corrosion X.
- Replaced stabilator trim barrel P/N 63530-000, stabilator trim barrel bearings P/N 452-413 & stabilator aft trim cable P/N MC62701-047. Adjusted stabilator trim cables and flap cable tensions to spec.
- Replaced LH main gear tire P/N 06-01800 & tube P/N 06-05300-1. Balanced tire & reinstalled.
- Cleaned and greased wheel bearings.
- Removed hand brake handle, welded, redrilled holes & reinstalled handle.
- Installed hour meter P/N X001VUJY47, powered off avionics switch.
- Replaced adel clamp on defrost valve.
- Adjusted control column gap to stop from 3/4" to 1/4".
- Replaced nose gear bumper P/N 79072-000.
- Repaired post lighting for turn coordinator & clock.
- Repaired overhead console panel light.
- Tested ELT per 91.207 (d) 1,2,3,4
- Performed **AD 76-07-12** Bendix Mag Switch inspection. Operational check satisfactory.
- Compiled AD list and placed with aircraft documents.
- Performed **ANNUAL INSPECTION and 100 hour INSPECTION** as defined by 14 CFR appendix D to part 43. Aircraft found to be airworthy at this time.

Justin Dix A&P 3347687 IA Justin Dix 336-514-2724

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

AFC Transponder Tests and Inspections as required by FAR 91.413 (a) & (b), have been performed IAW FAR 43, Appendix E& F.

EXPR Model King LT76A
 S/N 43029
 ENCODER Model ACK A-30
 S/N 77013
 Tested to 15000 FEET
 W/O 4434
 Technician [Signature] date 6/7/22
 ProAv Aircraft Services (rev3-1-2016) CRS E9TR271N

11/04/2022 N180LR TACH: 1796.4 Hobbs: 5086.4

- Replaced break linings P/N 06-16956 RAPCO BRAKE LINING # RA66-106
- Replaced left tire with 06-07300 GOODYEAR FLIGHT SPECIAL II TIRE 6.00-6 6 PLY 301-027-420/421 606C61B1
- 05-01869 Curtis Pipe Thread Drain Valve CCA-1550
- Adjusted cable tensions per Service manual - all cables were about 10 lbs. low on tension
- Installed new cowlings fasteners PN 05-27036 and 05-08370 at all four latches
- Serviced all wheel bearings with Mobil 28 grease
- Lubricated airframe per owners manual
- Performed battery capacity test - 81%
- Tested ELT per 91.207 (d) 1,2,3,4 - Test due in 12 months

Performed ANNUAL and 100 hour INSPECTION of aircraft as defined by 14 CFR appendix D to part 43. Aircraft found to be airworthy at this time.

Justin T. Dix A&P 3347687 IA [Signature] 336-514-2724

1/25/2023 N180LR Tach hours: 1895.1 Hobbs 5205.7 AFTT 5140.1

- Cleaned and treated surface corrosion on wing attach hardware.
- Adjusted stabilator trim cables and flap cable tensions to spec.
- Removed hand brake master cylinder and resealed with new O-rings. Replaced brake handle ratchet P/N 63354-00. Reinstalled master cylinder and bled brakes.
- Replaced attitude indicator with serviceable unit.
- Adjusted neutral positions of ailerons by adjusting pushrods. Adjusted aileron stops. Torqued loose RH aileron bell crank.
- Repaired instrument panel lights by replacing bulbs, cleaning grounds, and repairing broken wiring.
- Removed stall switch. Cleaned, lubricated, and verified correct operation. Reinstalled as removed.
- Stop drilled small skin cracks under wings.
- Replaced broken nutplate for lower cowlings.
- Recalibrated fuel quantity IAW JPI installation manual.
- Cleaned and greased wheel bearings.
- Tested ELT per 91.207 (d) 1,2,3,4
- Performed AD 76-07-12 Bendix Mag Switch inspection. Operational check satisfactory.
- Verified AD 2018-07-03 Fuel Selector inspection is not applicable by the type of selector installed. No further action required.
- Compiled AD list and placed with aircraft documents.
- Performed ANNUAL INSPECTION and 100 hour INSPECTION as defined by 14 CFR appendix D to part 43. Aircraft found to be airworthy at this time.

Justin T. Dix A&P 3347687 IA [Signature]

3/10/2023 N180LR Tach hours: 1994.7 Hobbs: 5328.9 AFTT: 5239.7

- Installed Door Steward P/N B40010-1 IAW STC SA01120SE. Filled out 337 and filed with the FAA.
- Lower cowlings is cracked at forward right latch area. Fabricated reinforcement patch with 2024T3 .040" using standard practices.
- Replaced both brake discs P/N RA164-00500. Replaced all brake linings P/N RA66-106.
- Replaced RH tire P/N 06-01800 and tube P/N 06-00754.
- Cleaned and greased wheel bearings.
- Adjusted Yarn and Bank by elongating mounting holes and leveling with the airplane.
- Verified correct rudder travel and adjusted nose gear steering stops as specified by manufacturer.
- Corrected tail beacon installation by replacing electrical splices with acceptable method and securing beacon with new hardware.
- Cleaned and lubricated stuck defrost valve.
- Replaced vacuum regulator filter P/N RAB3-5-1.
- Replaced broken RH tie down ring P/N 18457-00 by removing fuel tank to gain access. Reinstalled fuel tank as removed.
- Tested ELT per 91.207 (d) 1,2,3,4. ELT battery due 08/2023.

Iterations
 Number of
 entries.)

YEAR: 2020 2020 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.)
May 10	TAC 1897.3		4942.0	Annual inspection installed New ELT Battery Due Date 6-2022 - Tested ELT Per 21207 Pr D. Check all control cables hinges Ck Brakes - L wheels Tested Standby Vacuum tested Normal AD 67.22.02 Control wheel - Due 1797.3 normal AD 99.24.10 - Standby Vacuum Due AD 95.26.13 Oil Hse Normal AD 76 07.12 Mag Switch - Normal Due 1797.3
DATE 5-10-2020 T.T. IN SERVICE 4942.0 I CERTIFY THAT THIS <u>Airframe</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Ronald R Hirkala At Per IA 2076281				

YEAR: 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.)
				Date: 02/02/2021 Hours: 1697.3 Tail#: N180LR Make: PIPER Model: PA-28-180 S/N: 28-872 UAVIONI TAIL BEACON ADS-B SOFTWARE UPGRADE TO V1.5.1 <u>End</u>
				Name: Ron Hirkala Co: Cert: IA 2076281 Sign: <u>Ronald R Hirkala</u>

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
2016				
DATE	TT - 4932.8			
	Hobbs			
	Tac	1687.8		Perform 100hr inspection installed new Batterys in E.L.T. Due Date 11-2017 Test E.L.T Per 91207 PAR D. Lube All Control surfaces & hinges. CK Brakes - Test Standby Vacuum CK Gasolator Per STC-SA010268E installed New Bracket filter. Doc 1-194 CW AD 69-22-02 - Normal AD 99-24-10 Normal AD 95-26-13 Hoses Normal
				11-15-2016 DATE I CERTIFY THAT THIS IN ACCORDANCE WITH A WAS DETERMINED TO BE IN AIRWORTHY CONDITION. Parab R - Hobbs 2076281 ADP

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				139
				① ELT TEST PER 91207 PAR D BAT DUE NOV 2017.
				② AD 69 22 02 CW WHEELS NORMAL.
				③ BRACKET DOCUMENT 1-194 CW
				④ AD 95 26 13 CW HOSES NORMAL.
				⑤ SVS AD 99 24 10 CW CHECK NORMAL.
				⑥
				This is to certify that this Aircraft and Powerplant and Propeller have been inspected in accordance with a annual inspection and was found airworthy. Tac 1687.8 Total Time Aircraft 4932.8 and Check 16-26 TT Eng 4932.8 TT Prop UNH Time since eng owl 1687.8 Time Since Prop owl 1369.2 Franklin C. Wilson IA 1589043 Irondale, Ohio 43932 330-532-2819
				15 NOV 2016 Franklin C. Wilson

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
	Hubbs	4865.3		Perform 100hr inspection,
	Tae	1606.4		Installed new ELT Batterys -
				Due Date - 10-2016. Test ELT Per
				91207 PAR D. CK Brakes wheel Bearings
				Lube all control surfaces - inspected
				& Tested Standby Vacuum. AD 99-24.10.
				ck AD-69-22-02 CW - Normal
				ck AD Check Gasolator Per STD -
				- SAND 26SE - ck Back of Book, installed
				New Bracket Filter Bracket Document -
				1-194 CW

DATE 10-2-2015 T.T. IN SERVICE 4865.3
 I CERTIFY THAT THIS Pro Ena HAS BEEN INSPECTED
 IN ACCORDANCE WITH A 100hr INSPECTION AND
 WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Ronald R. Kukulak AEP-2076281

DATE 10-2-2015 T.T. IN SERVICE 4865.3
 I CERTIFY THAT THIS Aircraft HAS BEEN INSP
 IN ACCORDANCE WITH A Annual INSPECTION
 WAS DETERMINED TO BE IN GOOD CONDITION

Eugene A. Kukulak 1786006 AZ

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

LAMP AVIATION SERVICE, INC
 171 AIRPORT ROAD
 CANTON, OH 44705
 FAA APPROVED REPAIR STATION
 TFR5K919M

UNION
 5934107
 80733
 860LR

DATE 5-06-16
 WOT 23165
 T.T. 4945.3
 T.T.

INTER-SITES, AS REQUIRED BY FAR 43.13
 APPENDIX 18.000

NO TRANSponder TEST FOR INSPECTIONS
 AS REQUIRED BY FAR 43.13, FAR 43
 APPENDIX 18.000 AND 18.000
 PERFORMED.
 TRANSponder MODEL KI 76A
 SN 43029

ALTIMETER PRESSURE ALTITUDE REPORTING SYSTEM
 INSTALLED AS REQUIRED BY FAR 43.13, FAR 43
 APPENDIX 18.000

STATION PRESSURE SYSTEM CHECKED, AS REQUIRED BY
 FAR 43.13, FAR 43 APPENDIX 18.000

DATE 5-6-2016 NEXT DATE 5-17-2018

SIGNATURE Sean Lemp
 2357474

47.3

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)			
	①	ELT TEST	PER 91 207 PAR D BAT DUE	
		S EP	2015.	
	②	AD 69 22	02 CW WHEELS NORMAL	
	③	SVS AD	99 24 10 CW CHECK NORMAL.	
	④	AD 70 16	05 CW MUFFLER NORMAL.	
	⑤	AD 95 26	13 CW HOSES NORMAL.	
	⑥	BRACKET	DOCUMENT 1-194 CW	
This is to certify that this Aircraft and Powerplant and Propeller have been inspected in accordance with an annual inspection and was found airworthy. Total Time Aircraft <u>4793.8</u> Ad Check <u>14-17</u> TT Eng <u>4793.8</u> TT Prop <u>UNK</u> Time since eng ovl <u>1548.8</u> Time Since Prop ovl <u>UNK</u> Franklin C. Wilson IA 1589043 Ironde, Ohio 43932 330-532-2819				
	6	SEP 14		Franklin C. Wilson

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations
DATE	Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)			
2014				
9-6-2014		UK		Back of Book for Airworthiness instruction on the STC Calculator STC NO. SA010265E
				Ronald R. Haskala
				2072681 AIP
				End

YEAR: 2013 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.)
Oct 5	Tac	1521.00		Installed GPS on Left windshield Post by 4 Rivnuts - 8-32 Brass Screws Per 43.13-142 wt change 1.75 lb.
				wt Arm Moment
			Empty 1343.	86.71 116737.6
			GPS +1.75 lb	78.00 116637.136.50
			New Empty wt 1348.04	86.83 116774.1
				Ronald R Huhler Useful Load 1054.96 lb 2072681 A&P

YEAR: Sept 1 2014 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.)
	1548.8			
	Eng Time TT. 4791.	3		100 hr inspection - Removed main wheels greased Bearing - Replace O Ring in Brake
	Airframe 4791.	3		Calipers + New Brake liners.
	Eng since overhaul 1548.8			
	AD Note 72-08-06			Tongue Links Due 500 hrs - Tac (20488) hr.
	70-26-04			Heavy Stab balance tube installed. No more insp.
	95-26-13			oil cooler hoses. Next inspection 100h + Replace @
	7-14-2017 and			5365 hrs 2021 RH
	AD 13-02-13			Due Due 2024 on 3548.8 hr.
	AD 99.24.10			Inspected Standby Vacuum
	76-07-12			ck Bendix Mag Switch
				Lubed entire A/C in accordance with Piper lube chart.
				Manufacturer L stiffener out of 2024 T3.032 Removed crack stiffener
				+ installed manufacturer one. Installed new 6x6x600 Aircraft
				Replaced regulator with STC Model SA3-00 S/N 4710 STC SA01026SE
				Installed new Duracell Battery in E/E. Due next year 8-2015
				I CERTIFY THAT THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH A WAS DETERMINED TO BE IN AIRWORTHY CONDITION

61.5

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
		①	ELT	TEST PER 91 207 PAP D BAT DUE APRIL 2014.
		②	SVC	TEST PER AD 99 2010 CW
		③	AD 95	26 13 CW HOSES NORMAL
		④	AD 13	02 13 CW CABLES NORMAL
		⑤	AD 69	22 02 NA
		⑥	AD 70	14 05 CW MUFFLER NORMAL
		⑦	BRACKET	DOCUMENT 1-194 CW
This is to certify that this Aircraft and Powerplant and Propeller have been inspected in accordance with a annual inspection and was found airworthy. Tag 1501.5 Total Time Aircraft 4144.5 Ad Check 13-12 TT Eng 4746.5 TT Prop UNK Time since eng ovl 1504.5 Time Since Prop ovl Franklin C. Wilson IA 1589043 Irondale, Ohio 43932 330-532-2819				
		2 JUL 2013		Franklin C. Wilson

YEAR: 2013 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.)																				
Sept 10	1513.9			Replaced Bolly Strobe with exact Flisht Strobe 12V B-210-014 - Functional Tested - No wt change -																				
TT Engine	4755.9			installed R.C Allen RCA22-7 S/N - 213H338G. Standard Attitude Gyro - No wt change - Functional ok OK																				
TT Airframe	4755.9			Removed Wheel Pants for winter operation - New wt & Bal.																				
				<table border="1"> <thead> <tr> <th>Wheel Fairings OFF</th> <th>Weight (lbs)</th> <th>Lever Arm</th> <th>Moment</th> </tr> </thead> <tbody> <tr> <td>Basic Empty Wt</td> <td>1,353.90</td> <td>86.84</td> <td>117572.7</td> </tr> <tr> <td>Nose Fairing</td> <td>-3.5</td> <td>34.8</td> <td>-121.8</td> </tr> <tr> <td>Main Fairing</td> <td>-7.4</td> <td>109.9</td> <td>-813.26</td> </tr> <tr> <td>*** TOTAL ***</td> <td>1,343.00</td> <td></td> <td>116637.6</td> </tr> </tbody> </table>	Wheel Fairings OFF	Weight (lbs)	Lever Arm	Moment	Basic Empty Wt	1,353.90	86.84	117572.7	Nose Fairing	-3.5	34.8	-121.8	Main Fairing	-7.4	109.9	-813.26	*** TOTAL ***	1,343.00		116637.6
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Main Fairing	-7.4	109.9	-813.26																					
*** TOTAL ***	1,343.00		116637.6																					
				WT. & BAL. WITH WHEEL PANTS OFF 86.84855994																				
				Donald R. Nickala 2076281 A&P																				

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DATE				
2-12-13				Roll Servo 0105-R9 REPAIRED BY STEC S/N 17717 CEF. UNDER SRO R73253. PROGRAMMER CHECKED BY STEC UNDER SRO R73444 TURN COORDINATOR 6405-14L S/N 131636 REPLACED WITH NEW 1394T100-14RB S/N A1311127. TEST FLY FOR PROPER OPERATION. WO# 13152 RTISE RADIO SWITCH TO PREVENT CW CHAIN CONTACT. REI BNC @ COUPLER FOR NAV ANT REI KI 209 CONNECTOR (NO LOCKING TABS) WO# 13018
				<i>Phil Stec</i> ITA1191K AIRWOR12 AVIONICS

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
2013 4-5	Heads 4729.6 Tach 1446.0			Reinstalled up Date EDM-900-4C-2TKS S/N 970 TO EDM-930-4C-2TKS - Started Engine OK All Engine parameters in Green - Installed New inner tube Aero Classic 6.00x6 Type III on nose wheel & — End — Ronald R. Huber AHP 2076281

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

Date 6-20-2012 Tach, 4685

This airframe has been inspected in accordance with the scope and detail of CFR part 43 App. D. and was found to be in airworthy condition.

ELT tested IAW Part 91.207 (d) 1,2,3,4. Battery due 4/2014

Complied with AD's

AD 2012-03-07 HA-6 Carb Does not apply, cast body

AD 99-24-10 Stand by vacuum sys. Insp. Due at Annual and 100 hrs

AD 95-26-13 Oil cooler hoses, Insp. Next due at 100 Hrs and replacement @ 7-14-2017 and 5365

AD 76-07-12r1 Bendix ignition switch, function test ok. Next due annual, 100 Hrs

See AD compliance list

I certify that this airframe has been inspected IAW a annual inspection and found to be in airworthy condition.

Martin Dofka III IA3142885

Martin Dofka

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

2012

Dec 11

LAMP AVIATION SERVICE, INC.
257 AIRPORT ROAD
CARROLLTON, OH 44615
FAA APPROVED REPAIR STATION
HR5R919M

DATE 12-11-2012
WO# 422631
T.T. _____
T.I. _____

ALT. MFG United
ALT. P/N 593407
ALT. SER# 86738
A/C N# N180LR

ALTIMETER(S) TESTED AS REQUIRED BY FAR 91.411
IAW FAR 43, APPENDIX "E", PARAGRAPH (b).
TESTED TO 14K' FEET

AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM
TESTED AS REQUIRED BY FAR 91.411, IAW FAR 43,
APPENDIX "E", PARAGRAPH (c). ACK

STATIC PRESSURE SYSTEM CHECKED, AS REQUIRED BY
FAR 91.411, IAW FAR 43, APPENDIX "E"

"I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW PART 43 APPENDIX E & F AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION."
DATE 12-11-12 NEXT DUE 12-30-14

ATC TRANSPONDER TEST AND INSPECTIONS
AS REQUIRED BY FAR 91.413 IAW FAR 43
APPENDIX "F" AND "E" HAVE BEEN
PERFORMED.
TRANSPONDER MODEL KT76A
S/N 43029

SIGNED Sam E. Long

YEAR: 2011 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.)
5/25	4612.0		4612.0	Annual Inspection Installed New ELT Batteries (Expiry 4/30/14) This ELT has been tested and inspected in accordance with FAR 207 and found to comply at this time. (Clean) Purged Main Gear. Installed New Turbine Left Fuel Tank. C/W AD 72-08-06 Inspected Semi-Torque Note: Due in 500 hours. Installed New Outer Oilseal Rings Main gear oleo strut and removed with 56lb oil nitrogen. Installed New Outer Oilseal Rings STC SA 309750 from Camery Aviation Services, Inc C/W AD 76-07-12 Inspected Magneto Switches by operation. No Defects. Due in 100 hours. C/W AD 2010-15-10 Installed Control

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	4612.0		4612.0	Wheel Shocks by Inspection of Control Wheel Shocks. No Defects. Installed New Control Instrument Filler and Vacuum Regulator Filler. C/W AD 95-26-13 Filler of Power Lines by Inspection of Filler and Attachments. No Defects Noted. Due in 100 hours. Inspected all Filler, Roll Eyes, and Pulleys. I certify that this Airplane has been inspected in accordance with an Annual Inspection, and found to be worthy at this time.
				Richard C. Piche IA 3453613

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
5-7-2010	4537		4537	Completed Annual Inspection for Super Inspector. Replaced left brake caliper. Replaced all brake linings. Replaced central vacuum and regulator filter. Replaced E.D. 930 emergency 9V battery. Replaced main mast control. Installed new PIT Switch for pilots side. Carpal Wrist 9. 2010 1, 2, 3, 4. EIT inspection. Replaced all wheel bearings w/ bushings. 5 Super Champs and all wheels. Inspected control wheels for looseness. Replaced 337 gun. All beneath structures covered this date. EIT
I certify that this <u>Super Inspector</u> has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition. Date <u>5-7-2010</u> W.D. Total Time <u>4537</u> Signed <u>Super Inspector</u> A&P <u>416715086</u> <u>DA</u>				

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DATE				

Sandhills Avionics 231 Burle Road Carthage, NC 28327 CRS #J3KR847X
 LOG ID# 265 02-August-2010 WO# 790/1 SALBPS
 N180LR S/N 28-872 PIPER PA-28-180

Pg 1 / 1

I certify the altimeter, transponder, and static system tests required by FAR 91.411 and FAR 91.413 have been performed.
 Transponder Mfg: King Model: KT-76A s/n: 43029 tested on 08/02/2010.
 Altimeter Mfg: United Model: 5934A07 s/n: 86738 Tested to: 20,000 feet on 08/02/2010.
 Static system and altitude reporting tested on 08/02/2010 to 20,000 feet.

Signed Jeffrey Kraudelt 2 Aug '10
 Date

DATE	TIME	FLIGHT	TIME IN SERVICE	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.)
				REF FAR 91.411 I certify this altimeter and static system has been tested & inspected IAW FAR Appendix B, Par. A Date <u>05-13-2009</u> Sig. <u>George Robinson</u> Davis Field Aviation LLC Muskogee OK FAA CRS D3ER571X
				REF FAR 91.413 I certify this altimeter and static system has been tested & inspected IAW FAR Appendix B, Par. A Date <u>05-13-2009</u> Sig. <u>George Robinson</u> Davis Field Aviation LLC Muskogee OK FAA CRS D3ER571X
6/18/2009				Jack Rends 4355 Replace Electric boost pump with Facet P/N 478360 electric fuel pump. Cleaned spark plugs. End
				Joseph Reid a+p 3112998

[illegible]

YEAR: 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.)
11/07/2008	Tach reads 4208			Perform 100 hr inspection IAW FAR part 43 appendix D lube airframe and service brake reservoir, clean main fuel strainer and electric fuel pump strainer. Install new bracket air filter. Replace vac regulator filter. Replace magnetic compass with air Park Instrument CO, SIA/D 4348. Replace door glass with Great Lakes area glass. C/W Far part 91.207(D) ELT inspection per 1,2,3,4 (Replace batteries 3/2011). Degrease Airframe and wash aircraft - End.
I certify that this <u>airframe</u> has been inspected in accordance with <u>100 hr</u> inspection and was determined to be in airworthy condition. Date <u>11/07/2008</u> W.O. # _____ Total Time <u>4208</u> Signed <u>Joseph Reid</u> A&P <u>3112998</u>				

YEAR: 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.)
4/30/2009	Tach reads 4332			Perform 100 hr inspection IAW FAR Part 43 appendix D lube airframe and service Brake reservoir clean main fuel strainer and electric fuel pump strainer. C/W Far part 91.207 ELT inspection per 1,2,3,4 (Batteries expire 3/2011). Replace elevator trim placard. Degrease airframe and wash aircraft. - End.
I certify that this <u>airframe</u> has been inspected in accordance with <u>100 hr</u> inspection and was determined to be in airworthy condition. Date <u>4/30/09</u> W.O. # _____ Total Time <u>4332.0 hrs</u> Signed <u>Joseph Reid</u> A&P <u>3112998</u>				

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
4/1/08	Tach Reads	4005 hrs.		PERFORM ANNUAL INSPECTION IN ACCORDANCE WITH APPENDIX D OF PART 43. CLEAN & PACK ALL WHEEL BEARINGS. INSTALL NEW NOSE & MAIN WHEEL TIRES. INSTALL ALL NEW BRAKE LINDINGS. INSTALL SERVICEABLE LIFT DETECTOR, CLEAN LEFT WING FUEL DRAIN. REPLACE VACUUM REGULATOR FILTER, SERVICE BATTERY & BRAKE RESERVOIR. LUBRICATE AIRFRAME. REMOVE NOSE WHEEL GEAR FAIRING. REVISE WEIGHT & BALANCE. QW PAR 91.207(d) & 27 INSPECTION PER 1,3,3,4. (REPLACE BATTERIES 11/08) QW AD 96-04-12R1 BEMOIR SWITCH - GROUND FUNCTION TEST OK. (NEXT DUE 4105 hrs). ALL ADS CHECKED THRU 2008-06 ATP CO-REM - END PAXUS FIRST 3.3.2.1 SWITCH VALVE INSPECTION (S)
				I certify that this AIRFRAME has been inspected in accordance with ANNUAL inspection and was determined to be in airworthy condition Date 4/1/08 W.O. # Total Time 4095 Signed [Signature] A&P [Signature]

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
DATE				
7/23/08	Tach Reads	4110 hrs.		PERFORM 100hr INSPECTION IN ACCORDANCE WITH APPENDIX D OF PART 43 REPLACE POWER MOUNTED TIME CLOCK REPAIR LEFT CABIN AIR VALVE CONTROL, REPLACE LANDING LIGHT LAMP, REPOSITION LEFT BRAKE HOSE ASSY. DEGREASE FUSE DOOR WASH AIRCRAFT. - END.
				I certify that this AIRFRAME has been inspected in accordance with 100hr inspection was determined to be in airworthy condition Date 7/23/08 W.O. # Total Time 4110 Signed [Signature] A&P [Signature]

YEAR: 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.)
3-27-07	1100	1100	3789	Perform Annual Inspection per Piper inspection report. Replace brake linings and service brake fluid. Replace vacuum regulator filter. Andre chassis. Comply with AD 76-07-1212 Bendix switch. Comply w/ FAR 91.207D 1,2,3,4. Inspect control wheels for corrosion. Lubricate controls, wheel assembly. I certify that this <u>Aircraft</u> has been inspected in accordance with <u>Part 43</u> inspection and was determined to be in airworthy condition. Date <u>3-27-07</u> W.O. # <u>3789</u> Total Time <u>3789</u> Signed <u>Andre Smith</u> A & P <u>41546086</u>

YEAR: 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.)
10/14/04			3864 hrs.	INSTALL NEW LEFT FRONT SIDE WINDOW LP AEROPLASTICS PA LP157 per PA 28 SERVICE MANUAL. Curt D. Smith AD 2220413
11/30/07			3898 hrs.	PERFORM 100 hr INSPECTION. IN NOODIN PAGE WITH APPENDIX D OF PART 43. LUBE AIRFRAME, SERVICE BRAKE RESERVOIR, CLEAN & FLUSH BATTERY BOX. REPLACE CHARGIN DOME LIGHT LAMP, INSTALL NEW BRACKET INDUCTION AIR FILTER ELEMENT. REPLACE WHITE W/AD LIGHT BULB, AD 76-07-1211 N/A BY NEW SWITCH INSTALLED 2/12/05 - EWO I certify that this <u>Aircraft</u> has been inspected in accordance with <u>100hr</u> inspection and was determined to be in airworthy condition. Date <u>11/30/07</u> W.O. # <u>3898 hrs</u> Total Time <u>3898 hrs</u> Signed <u>Curt D. Smith</u> A & P <u>2220413</u>

YEAR: 2006 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.)
08-22				Ref FAR 91.413 KT 764 ATC transponder S/N 43029 was tested & inspected IAW AC 43-6A Para 7 and complies with FAR 43 Appendix E Date 08-22-2006 Sig. <u>George Robinson</u> Davis Field Aviation LLC Muskogee OK FAA CRS D3FR571X I certify that this aircraft has been inspected in accordance with FAR 91.411 B. Pa. Date 08-20-2006 Sig. <u>George Robinson</u> Davis Field Aviation Muskogee D3FR571X

YEAR: 2006 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.)
9-7	31094		31094	Perform 100 hr inspection for Line item. Replace vacuum regulator filter. Service and lub all controls. Replace brake caliper tongue pins. Replace portions of cabin door seal. Hubb chassis. End. I certify that this <u>aircraft</u> has been inspected in accordance with <u>100 HR</u> inspection and was determined to be in airworthy condition. Date <u>9-7-06</u> W.O. # <u> </u> Total Time <u>31094</u> Signed <u>George Smith</u> A&P <u>41515086</u>

DATE	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.)
				I certify that this <u>AIRFRAME</u> has been inspected In accordance with <u>100hr</u> inspection and was determined to be in airworthy condition. Date <u>4/10/06</u> W.O. # Total Time <u>3597</u> Signed <u>[Signature]</u> A & P <u>2220423</u>
				I certify that this <u>Aircraft</u> has been inspected In accordance with <u>Annual</u> inspection and was determined to be in airworthy condition. Date <u>4-10-06</u> W.O. # Total Time <u>3597</u> Signed <u>[Signature]</u> A & P <u>2220423</u>
6/13/06	TACH READS 3631 hrs.			INSTALL NEW NOSE WHEEL TIRE TUBE CLEAN + PACK WHEEL BEARINGS - END <u>[Signature]</u> AP 2220423
7/25/06	TOTAL TIME 3649 hrs.			INSTALL NEW CONCORD 60046 TIRE # <u>GOODYEAR</u> TUBE IN RIGHT WHEEL - END <u>[Signature]</u> AP 2220423

YEAR:	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Model: N180LR PA-28-180 S/N: 28872 Date: 09 Aug 2006 Replaced LH MLG inner tube p/n 6.00-6 and tire Goodyear p/n 6.00-6 6P, serial/batch number p/n 50230379. Serviced to 26 psi. Removed LH and RH MLG wheel fairings, weight and balance/equipment list updated. I certify that this repair has been inspected and determined to be in airworthy condition. Pertinent details are on file under the above work order. Signed <u>[Signature]</u> Olathe KS 66062 (913) 782-0530 FAA Repair Station #AMR171C



Tach Time: UNKN
Total Time: UNKN

Work Order: S-06-00366

YEAR: 2005 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.)
9/24	3435.4		3435.4	REMOVED WORN BEARINGS FROM RT & LT AILERON PUSHRODS AND INSTALLED NEW BEARINGS P/N 452-860 (AILERON END) P/N 452-334 ON RIGHT AILERON BELCRANK. LT BEARING ON BELCRANK SHOWED NO WEAR. REPLACED ONLY AIL. END BEARING. PAPERWORK maybe found in AIRCRAFT RECORDS. AIRCRAFT CABLED TENSION SET TO 44 LBS. USING A CALIBRATED TENSIO METER AIRCRAFT WAS TEST FLOWN AND BEING CHECKED FOR PROPER FLIGHT. THIS AIRCRAFT IS CONSIDERED WORTHY AND APPROVED FOR RETURN TO SERVICE. P. Ruel A/P 15115001A

YEAR: 2005 11/10/05 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.)
11/10/05				REMOVED ELT BATTERIES AND INSTALLED 8 NEW MN1300 DURACELL BATTERIES AS CALLED OUT BY ELT MFR. NEXT DUE NOVEM. 2008. ELT TESTED ON 121.5 AND PERFORMED SATISFACTORILY. P. Ruel A/P 15115001A
12-10-05				INSTALL MECHANICAL 5-Tec Directional Amp. from the upper house. END Bryan Smith A/P 457450846
4/10/06				TACH READS 3597 HRS. PERFORM 100 HR INSPECTION PER PA28 INSPECTION REPORT, CLEAN + LUBE PILOT AND COPILOT SEAT ROLLERS. REPLACE INJECTION AIR FILTER ELEMENT AND VACUUM REGULATOR ELEMENT. REPLACE RIGHT OUTBOARD BRAKE LINING. LUBE TORQUE LINKS AND AIRFRAME PER LUBRICATION CHART. INSPECT CONTROL WHEELS FOR LOOSENESS PER ICA ON 337 FORM 9W 0276-01-124 BLEND SWITCH TEST OK PER 162X6(C) - END OVER →

YEAR: 2005 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.)
	5-12-05			N180LR, S/N 28-872, Tach Time 1719.03, TT 3416.03 Removed all inspection plates, engine cowling, tailcone and aft bulkhead for inspection. Place aircraft on jacks to inspect landing gear. Inspected and lubricated control column bearings and chains. Lubricated all of the aircraft in accordance with the Piper PA 28 Maintenance Manual. Checked torque on balance weight and torque on stabilator attach screws. Inspected jack screw and trim cable. Greased jack screw and ran from stop to stop to verify trim settings. Inspected, serviced battery with distilled water, charged and checked electrolyte. Checked flap system and cable. Removed all wheels, inspected and lubed wheel bearings, installed new brake pads on RT & LT. landing gear. Installed new Goodyear tires on both main gear. Inspected inside wing Vernier mixture control assy (P/N MC600-72). Installed a new brake ratchet P/N 63354-00. Inspected control wheels per ICA as called out on 337, checked cable tension and found within specs. Reinstalled all inspection panels & plates. Aircraft was test flown and verified that all systems were functioning properly. Checked and verified that no new Ad's have been issued and last AD list is current and correct. I certify that this aircraft has been inspected in accordance with an annual inspection. This aircraft is considered airworthy and approved for return to service. Richard T. Russ Richard T. Russ A&P 15115001A
5/12/05				Performance check at PMA TEST LOCATION AT RWY 35 RT. Rdr Indicator was 4° DEGRESS OR TO 4 min

YEAR: 2005 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.)
7/26	1735.2			INSTALLED NEW JPI EDM930 ENGINE NEW HUBBS TIME ON EDM-930 REFLECTS AIRFRAME TOTAL TIME OF 3432.2
				MANAGEMENT SYSTEM IN ACCORDANCE WITH MANUFACTURES INSTRUCTIONS, STC SA01435SE AND FIELD APPROVED 337 DATED JULY 13, 2005. NO WT & BAL CHANGE. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE Richard T. Russ A&P 15115001A
7/26/05				NOTE: ALL TIMES FROM THIS DATE AND HUBBS WILL REFLECT REAL TIME ON AIRFRAME AND ENGINE AS SHOWN ON THE EDM-930 R. T. Russ A&P 15115001A

YEAR: 2005 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.)
1/18/05	1700.0			Removed ORIGINAL Piper Wing Tips AND INSTALLED NEW MET-CO-AIRE Wing Tips IN ACCORDANCE WITH STC 880NE, AND 337 FILED WITH FAA AND MAY BE FOUND IN THE AIRCRAFT RECORDS. AIRCRAFT IS CONSIDERED AIRWORTHY AND APPROVED FOR RETURN TO SERVICE. Richard J. Russ ACP15115001A
2/12/05	1702.5			Removed FAULTY BENDIX Ignition switch AND installed new BENDIX Ignition switch P/N 10-357290-1. TESTED PER AD 76-07-12 AND determined airworthy for continued service. Richard J. Russ ACP15115001A

YEAR: 2005 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.)
2/25/05	1703.04			Removed Brackett DIR FILTER AND INSTALLED NEW Challenger/K&N DIR FILTER IN ACCORDANCE WITH STC. See 337 & STC IN AIRCRAFT RECORDS. 337 FILED WITH FAA-FSDO-OKC. * ICA AND MAINTENANCE OF THIS FILTER TO BE IN ACCORDANCE WITH INSTRUCTION AD03 THAT MAY BE FOUND IN THE AIRCRAFT RECORD SECTION STC THIS AIRCRAFT IS AIRWORTHY AND APPROVED FOR RETURN TO SERVICE. Richard J. Russ ACP15115001A

YEAR: 2004 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.)
6-1	1662.1			TEST FLEW PLANE AFTER INSTALLATION OF KNOTS-20 WING-ROOT FAIRINGS. SEE 337 FOR DATA AND STC. INSTALLATION WAS PERFORMED IN ACCORDANCE WITH THE STC. A NEW WT & BAL ENTRY MADE IN AIRCRAFT RECORDS. THIS AIRCRAFT IS CONSIDERED AIRWORTHY AND APPROVED FOR RETURN TO SERVICE. <i>R. Russ A&P 15115001A</i>
8-17	1682.4			INSTALLED NEW GILL G-35 AIRCRAFT BATTERY REF: AVIAL PACKING LIST IN WORK ORDERS IN AIRCRAFT RECORDS. BATTERY WAS SERVICED WITH ACID AND SLOW CHARGED FOR 4 HOURS SPG. 1.275 <i>R. Russ A&P 15115001A</i>

YEAR: 2004 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.)
8-17	1682.4			INSTALLED OH ALTERNATOR THIS DATE AND TIME. SEE ENGINE LOG FOR ENTRY AND W/O # 21060 IN AIRCRAFT RECORDS
9-25-04	1689.9			INSTALLED A NEW PIPER PA-28 LUGGAGE DOOR STRUT KIT ON BAGGAGE DOOR IN ACCORDANCE WITH INSTRUCTIONS PROVIDED WITH THE STC SA02022CH KIT FROM KNOTS-20. A 337 FOR THE INSTALLATION MAY BE FOUND IN THE AIRCRAFT RECORDS AND ON FILE WITH THE FAA. ICA MAY BE FOUND IN THE STC PAPERS. THIS AIRCRAFT IS CONSIDERED AIRWORTHY AND APPROVED FOR RETURN TO SERVICE <i>R. Russ A&P 15115001A</i>

YEAR: 2004 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.)
				June 1, 2004 Tach 1659.51 N180LR Removed leaking Aero Marine Airspeed and replaced with United Instruments Airspeed PN 8100-B-100 SN 184263. Tested with Static/Pitot/Encoder Test this Date. Airspeed tested Good. Gary R. Christian. IX2R914K DUE 6-1-06 CALVIN TAFF ELECTRONICS INC. (405)789-1268 R.S.IX2R914K Hanger #2 Wiley Post Airport Bethany, Oklahoma 73008 Transponder #1 Mfg. by King Model no. KT 76A S/N 43029 & Transponder #2 Mfg. by CC 588 no. S/N has been tested, inspected and found to comply with FAR 91.413 Reference WO# 6461 by CC 588 Date 6-1-04 Altimeter #1 Mfg. by United Model no. AG 7 S/N 86738 has been certified by RS E12R795K on 5-19-04 to an altitude of 20 thousand feet. Altimeter #2 Mfg. by Model no. S/N has been certified by RS E12R795K on to an altitude of thousand feet. Static/Encoding system has been inspected, tested and found to comply with FAR 91.411 Reference WO# 6461 by CC 588 Date 6-1-04

YEAR: 2004 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.)
				5-27-04, Tach. 1661.97, Total Time 3358.97. removed all inspection plates, interior panels and tail cone for inspection. Checked stabilator attaching bolts for proper torque. Checked balance weight bolts for proper torque. Inspected jack screw for wear and found in good condition. Lubricated jack screw and tested from stop to stop and determined system is operating properly. Inspected entire aircraft in accordance with the Piper Maintenance manual. Inspected all control cables and lubricated pulleys with LP Lubricant. Placed aircraft on jacks and removed all wheels and bearings for inspection. Packed all wheel bearings and replaced all inner tubes with leak-proof tubes. Installed a new tire on nose wheel. Inspected main landing gear assemblies and adjusted torque on main torque links as prescribed in maintenance manual. Inspected brake calipers and brake pads for wear and found acceptable for service. Serviced hydraulic reservoir with Mil-H-5606. Inspected battery and cables. Serviced battery with distilled water and checked state of charge. All cells showed full charge. Inspected autopilot servo cables for proper tension. Inspected control wheels in accordance with the ICA on 337. Lubricated entire aircraft in accordance with Piper lubrication chart. Added Nitrogen to all struts for proper extension. Verified there were no new AD's and that the existing AD list is current and up to date and that all AD's have been complied with. Installed a new garter filter on the regulator. Removed the altimeter and sent out for certification. Installed a new certified True Airspeed Indicator. Installed a new Brackett fresh air filter in nose bowl. I certify that this aircraft has been inspected in accordance with the inspection outlined by the factor Maintenance Manual and in accordance with a Annual Inspection and is considered airworthy and approved for return to service. Richard T. Russ Richard T. Russ A&P 15115001A 5/25/04 1662 TACH REMOVED SHIMMY DAMPENER TO DRILL TAP FOR SERVICING WITH MIL-H-5606 SERVICED AND REINSTALLED. PERFORMED LEAK TEST AND FLIGHT TEST. THIS CHANGE WAS IN ACCORDANCE WITH FAR 21.30552 Richard T. Russ Owner A&P 15115001A

Aircraft Record General Information

Manufacturer PIPER AIRCRAFT Model PA-28-180
Serial 28-872 Registration Number N180LR
Date of Manufacture December 1962

Engine(s) currently installed:

Manufacturer Lycoming Model O-360-A3A Serial L-6066-36
Manufacturer _____ Model _____ Serial _____

Propeller(s) currently installed:

Manufacturer _____ Model _____
HUB Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____
Blade Model _____ Serial _____ Serial _____

N180LR

Book #2

Ended

See

Book 3

S/N 28-872

AIRCRAFT LOG
AF5-1

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
7-22-03	3306.0	TACH 1609.0 REWORKED OLD GLARESHIELD BY INSTALLING A NEW GLARESHIELD PER 337 DATED 7-22-03. 337 MAY BE FOUND IN AIRCRAFT RECORDS BOOK UNDER 337's. INSTALLATION WAS INSPECTED AND DETERMINED AIRWORTHY AND AIRCRAFT APPROVED FOR RETURN TO SERVICE. Richard J Russ AWP 15115001A AUG 08 2003
9-18-03	3316.57	TACH 1618.57, INSTALLED STEC 50 TWO AXIS AUTO PILOT SYSTEM PER STC SA5194SW-D, REV. 3. 337 FILED WITH FAA AND MAY BE FOUND IN THE AIRCRAFT RECORDS UNDER 337's. A NEW WT&BAL WAS CALCULATED, A COPY MAY BE FOUND IN THE POH AND AIRCRAFT RECORDS BOOK. THE ICA MAY BE FOUND IN THE AIRCRAFT RECORDS BOOK UNDER STC's AND 337's. A COPY OF THE ICA IS ALSO IN THE POH. THIS AIRCRAFT IS CONSIDERED AIRWORTHY AND APPROVED FOR RETURN TO SERVICE. R. Russ AWP 15115001A

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
10-12-03		Checked VOR FOR ACCURACY USING TEST SIGNAL AT PWA. 337°, INDICATED 340°, 157° INDICATED 160°
10-15-03	TACH 1620.12	REMOVED QUARTER ROUND SEAL FROM ENTRY DOOR AND BAGGAGE DOOR, INSTALLED A NEW SPACES P/N ETAS20 IN ACCORDANCE WITH MANUFACTURER'S INSTRUCTIONS SEALS ARE FAA-PMA APPROVED FOR DOOR AND BAGGAGE. PMA TAGS MAY BE FOUND IN THE AIRCRAFT RECORDS. 337 DATED 3/9/04 SUBMITTED TO FAA R. Russ AWP 15115001A
1-18-04	TACH 1646.23	PERFORMED VOR CHECK AT PWA TEST POINT 337° INDICATED 340°, 157° INDICATED 160°
2-10-04	TACH 1649.30	PERFORMED VOR CHECK @ PWA TEST POINT @ END OF 35 DEG. 337° CK - IND 340°, 157° CK, IND. 160°
3-28-04	1653.47	INSTALLED NEW BATTERIES IN ELT AND PERFORMED FUNCTIONAL TEST - FOUND OK - BATTERIES NEXT DUE 3/06 R. Russ AWP 15115001A

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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5-14-03; Tack 1584.73, TTAF 3281.73. Removed all inspection panels for inspection. Removed tail cone and inspected stabilator attach fitting and checked torque on attaching hardware. Lubricated Trim Jack Screw and all cable pulley bearings, inspected cables and checked tension in accordance with Piper Maintenance Manual, inspected control column and lubricated chain. Lubricated control pulleys for aileron, stabilator and trim. Jacked aircraft up and inspected landing gear. Removed all wheels and inspected bearings. Replace one bearing and race in nose wheel P/N 13889 and 13836 (Timken) and one bearing and race in left main wheel (P/N 13889 and 13836 Timken) packed all wheel bearings, inspected wheels (3) serviced with air to 25 PSI and reinstalled on landing gear. Inspected brake pads and found marginal wear and were airworthy and reinstalled on landing gear. Cleaned struts and wiped with 5606. checked control rigging per maintenance manual. Inspected control wheels in accordance with ICA on 337 dated -11-02. Checked all systems and found everything functioning normal. Installed a Precise Flight Standby System in accordance with STC SA2107. Weight and balance updated (see AFM). Aircraft was test flown to 10,000 ft. and tested in accordance with test program prescribed by STC and test results noted on placard and installed in instrument panel per STC. All placards installed in accordance with STC. Aircraft Flight Manual updated with latest supplement for the standby vacuum system (see 337 dated 5-14-03 for details)

All AD's have been verified complied with and no new Ads issued since last update—see AD List.

The aircraft has been inspected in accordance with an annual inspection and determined to be airworthy and approved for continued service.

Richard T. Russ

Richard T. Russ A&P 1511500 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
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6-14-03 3289.78 INSTALLED A M-20, MODEL 300 OIL SEPARATOR IN ACCORDANCE WITH STC #SA02033AT. ALL WORK PERFORMED IN AN AIRWORTHY MANNER. 337 FILED WITH FAA AND MAY BE FOUND IN AIRCRAFT RECORDS ALONG WITH THE STC. THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE

R. Russ A&P 1511500 IA

7-19-03 3303.1, Tack 1606.1. REMOVED LAMAR REGULATOR P/N 557337 AND INSTALL A NEW ZEFTRONICS VOLTAGE REGULATOR P/N R15VOL S/N QON098. INSTALLATION AND CHECKOUT WAS PERFORMED IN ACCORDANCE WITH MFG INSTRUCTIONS. AND FOUND OK FOR CONTINUED SERVICE.

R. Russ A&P 1511500 IA

7/28/03 3304.1, Tack 1607.1. REMOVED CHRYSLER ALTERNATOR S/N ~~021511~~ 021511 DUE TO INTERMITTENT DROPPING OFF LINE. INSTALL OH GENERATOR S/N A162280. FUNCTIONALLY CHECKED OK AND APPROVED FOR RETURN TO SERVICE *R. Russ A&P 1511500 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
8-19-02	TACH 1544.85	Removed ^{AND REPLACED} VOR ANTENNA AND COAX AND INSTALLED NEW BALEN AND COAX FROM FIN TO INSTRUMENT PANEL. BALEN FABRICATED BY TAFE ELECTRONICS CRS @ Wiley Post. INSTALLATION TO IMPROVE VOR/ILS RECEPTION R. Russ A&P 15115001A
9-6-02	TACH 1545.55	REMOVED RT & LT FUEL TANKS TO GAIN ACCESS TO FUEL QUANTITY TRANSMITTER. R&R BOTH RT & LT TRANSMITTERS FOR OVERHAUL. BOTH UNITS SENT TO LOCK HAVEN FOR OH. REF: WO#s 022115 & 022117 DATED 8/30/02 (SEE YELLOW TAGS). REINSTALLED OH'D TRANSMITTERS WITH NEW GASKETS. TANKS REFILLED WITH FUEL & NO LEAKS FOUND. AIRCRAFT RETURNED TO SERVICE. R. Russ A&P 15115001A
10-4-02	TACH 1556.2	INSPECTED VERTICAL STABILIZER REAR SPAR AND SKIN AS RECOMMENDED BY FAA (SAIB) CE-02-48. FOUND NO EVIDENCE OF CRACKS IN SPAR OR SKIN. R. Russ A&P 15115001A

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
11-19-02	TACH 1568.21	REMOVED ALTERNATOR P/N 3656624 S/N A162280 (DUE TO VIBRATION CAUSED BY OUT OF BALANCE ROTOR) INSTALLED ALTERNATOR P/N 3656624 S/N 021511 (REF W/O 012273 THUNDERBOLT ACCESSORIES, INC). AIRCRAFT TEST FLOWN AND VIBRATION GONE. AIRCRAFT APPROVED FOR RETURN TO SERVICE. R. Russ A&P 15115001A
5-14-03	1584.73	DURING INSPECTION, FOUND SMALL CRACKS IN AFT PORTION OF THE REINFORCING DIMPLES (2) ON THE LEFT FLAP. (DIMPLES # 2 AND 3 FROM END NEAREST FUSELAGE. DRILLED OUT RIVETS AS REQUIRED TO GAIN ACCESS TO UNDERSIDE OF SKIN. DRILLED A STOP HOLE AT EACH END OF CRACK (CRACKS WERE NO MORE THAN 3/4" LONG) FABRICATED A REINFORCING PLATE OF .025-2024-T3 ALUMINUM. COATED REINFORCING PLATE WITH CS 3214. B4/2 STRUCTURAL EPOXY AND RIVETED PLATE IN PLACE. FILLED CRACK AND STOP DRILLED HOLES AND REPLACED ALL RIVETS PREVIOUSLY REMOVED. ALL REPAIR WORK ACCOMPLISHED IN ACCORDANCE WITH 43.13-1B/2D AND THIS REPAIR IS CONSIDERED AIRWORTHY. R. Russ A&P 15115001A

F.A.R. 43.11 - 91.217

[illegible]

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

E.T. Mechanical, Inc.

FAA REPAIR STATION # UEIR803L

Date: 7/29/02

Make: Piper

Model: PA28-180

S/N: 28-872

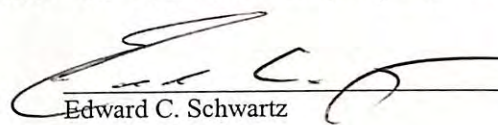
Hr Meter: 1536.88

Reg.#.: N180LR

-AIRFRAME LOGBOOK ENTRY-

Weighed aircraft with full fuel and on certified scales – scale certification date; May 23, 2002.

Gross weight:	2400.0
Empty weight:	1345.2
Useful load:	1054.8
Empty WT CG:	87.0
Moment:	117036.73


Edward C. Schwartz
President/Inspector
CRS# UEIR803L

HANGAR 3 • WILEY POST AIRPORT • BETHANY, OK 73008

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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in accordance with manufacturers recommended procedures.....end.

Jerry Bryan Brown
Airframe # 448920641

Flight Controls Balancing:

Alerons LH - 8 RH - 8 Elevators LH - 10.8 RH - 10.8 Rudder - 18

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
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7-5-02 Tach 1522.7 PERFORMED A ILS APPROACH TO PWA AND VERIFIED THE MARKER BEACON AND LOCALIZER/GLIDE PATH WAS FUNCTIONING PROPERLY FOR AN INSTRUMENT APPROACH

R. Russ com/inst. Pilot

7-11-02 TACH 1522.7 ORIGINAL CONTROL WHEELS WERE REMOVED AND REPLACED WITH MOONEY CONTROL WHEELS. THIS ELIMINATES THE REQUIREMENT TO INSPECT THE ORIGINAL PER AD. NEW WHEELS SHOULD BE INSPECTED AT EACH ANNUAL/HO HOON PER 237 DATED 7-11-02

R. Russ ADP 15115001A

7-16-02 1526.65 PERFORMED COMPASS SWING/CALIBRATION ON PWA COMPASS ROSE. NEW COMPASS CARD INSTALLED

R. Russ ADP 15115001A

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
6/3/02	1519.85	TACH

MAINTENANCE RELEASE

Recover seats, side panels, replace carpet
Component Ident. reweb seat belts.

Model Piper 180 N180LR

S/N 28-872 W.O.# 1359

The component identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and/or customer specifications and is approved for return to service. Pertinent details of the repair are on file at this station on the above listed work order number Meets FAR 25.853 vert. burn

Don Ogle RC2412451
(signature of authorized personnel)

Don Ogle Aircraft Interiors Inc.
Hangar 2, Wiley Post Airport
Oklahoma City, Okla. 73132

Date 5-29-2002 Approved Repair Station UAUR387K

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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OKLAHOMA JET WORKS

Shawnee Municipal Airport • Shawnee, OK 74804

Phone: 405-214-5177 • FAX: 405-214-5178

July 2, 2002

Piper PA-28 N180LR S/N # 28-872

Stripped aircraft, washed, alodine and corrosion primed. Base coat: Matter Horn White # 00150, Stripes: top Deep Red WP550 , 2nd Adobe WP966, #3rd Felspar (slated) WP887. All paints Pratt and Lambert. Removed flight controles for paint, balanced and re-installed. All material and work done

CONT NEXT PAGE

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
		Removed deteriorated steering arm boots and installed new boots P/N 453-158 and lubed all ball ends. Reinstalled with new hardware. Removed nose gear scissors, inspected and installed 6 new bushings (P/N 452-766), new rubber stop block and all bolts and nuts. Removed fuel drain valves from RH and LH fuel tanks, and fuel gascolator and installed to FAA-PMA approved quick drains (3) P/N CAV-110. Removed and cleaned screens in electric fuel pump and gascolator. Installed new gasket and safetied. Installed a new starter solenoid P/N 99130-02 on firewall. A new instrument panel was installed with all newly overhauled instruments in accordance with the 337 (dated 5-29-02) found in the aircraft records. The avionics section of panel was checked out and updated for the new avionics by Taff Electronics including adding a used/O/H King KT76A Transponder and a used King KN 62 DME (see 337 in aircraft records.) A new J. P. Instrument model FS-450 fuel computer system was installed per STC and 337 dated 5-28-02 that is in the aircraft records. A new FS-4400 strobe was installed per STC in the belly just aft of the baggage compartment. A 337 covering installation is in the aircraft records. Installed a new Garmin GMA-340 audio/Marker and new Garmin GNE 250XL GPS/Com, an O/H'd King KX 155 with G/S and King KI-209-1 Indicator to replace units stolen from aircraft. All were a slide in to existing trays. Complied with S/B 1041 by the installation of a new Airborn Central air filter P/N 09-18-1 and a new urethane foam filter on the vacuum regulator valve. Complied with S/B 965 and AD 96-10-03 on the flap handle by installing a new bushing P/N 63900-174, a AN 23-11 bolt and a AN 320-3 nut. Verified that S/B 975 and AD 96-10-01 regarding landing light has been complied with. Installed all new side windows and both windshields. Windows were sealed water tight using poly-seal adhesive. Verified S/B 576 and AD 70-26-04 regarding Stabilator balance weight had been previously complied with and AD no longer is in effect. Complied with S/B 600 and AD 72-08-06 main gear torque links by inspection. Next due at 2019.89 tach time. Installed the Knots 2-U Stabilator gap seal P/N T-28 per STC and 337 dated 5-28-02 that is in the aircraft records. Installed the Aero-Trim electric roll trim system per STC and 337 dated 5-28-02 in the aircraft records. Installed all new American Aviation Brokerage & Leasing copper primary electric cable P/N 24- Continued

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
		40-01 through 24-40-05 per STC and 337 in aircraft records dated 5-28-02. Installed wing tip nav. Light reflector per 337 dated 5-28-02 in the aircraft records. Installed a new Brackett induction air filter P/N BA-104 in accordance with STC and 337 dated 5-28-02 in aircraft records. Installed new cowling chafe strip P/N A-56 on nose bowl and firewall. Repaired upper and lower cowling with 2024-T3 aluminum. Installed (4) new cowl latches and pins. Installed new wing root seal P/N 18-526 on RH & LH wing root. Packed wheel bearing and lubed entire aircraft in accordance with lube instructions in Piper maintenance manual. Complied with Service Letter 396 by polishing and lubricating center and both Rt. & Lt. sprockets shafts. Control wheels were inspected and no cracks found. Engine was cowled and prop reinstalled and safetied. Aircraft was test flown to verify all systems functioning properly. This aircraft has been inspected in accordance with an annual inspection . All AD's have been complied with and can be found in the AD section of the aircraft records. This aircraft is considered airworthy and approved for return to service. <i>Richard T. Russ</i> Richard T. Russ A&P 15115001A

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
5-10-02	1519.89	
3216.89	TT	
		CALVIN TAFF ELECTRONICS INC. (405)789-1268 R.S.IX2R914K Hanger #2 Wiley Post Airport Bethany, Oklahoma 73008 Transponder #1 Mfg. by <u>Bondix King</u> Model no. <u>KT-26A</u> S/N <u>43029</u> & Transponder #2 Mfg. by <u>_____</u> Model no. <u>_____</u> S/N <u>_____</u> has been tested, inspected and found to comply with FAR 91.413 Reference WO# <u>4780</u> by <u>CC</u> Date <u>5-10-02</u> Altimeter #1 Mfg. by <u>United</u> Model no. <u>S934A67</u> S/N <u>86738</u> has been certified by <u>RS DS2R79K</u> on <u>4-1-02</u> to an altitude of <u>20</u> thousand feet. Altimeter #2 Mfg. by <u>_____</u> Model no. <u>_____</u> S/N <u>_____</u> has been certified by <u>_____</u> on <u>_____</u> to an altitude of <u>_____</u> thousand feet. Static/Encoding system has been inspected, tested and found to comply with FAR 91.411 Reference WO# <u>4780</u> by <u>CC</u> Date <u>5-10-02</u>
5/29/02	1519.9	Performed vor check on No 2 NAV/com KT-209 at PWA vor check point. INDICATOR WAS WITHIN 4° ON TV ANN FROM POSITION DURING TEST Pilot cert # 1660321

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
	6-01-02	
		Tach 1519.89, TTAf 3216.89: this aircraft has undergone a complete refurbishment. The following is a description of the work accomplished to return this aircraft to as near new as possible. Removed all access panels, interior and windows including windshields. Removed all instruments for overhaul and calibration including engine cluster. See yellow tags. Instrument panel was removed for replacement (see 337 dated 5-29-02) along with any obsolete or deteriorated wiring. Removed and reinstalled wing tips, Stabilator tips and tail cone after inspection. Entire aircraft was thoroughly inspected for any or all discrepancies that would effect the airworthiness. All cables and pulleys were inspected and lubricated. Fuel tanks were removed to inspect wing spars, skins and ribs for corrosion per SB 1006. No corrosion was found and spars and surrounding area was treated with Dinotrol AV8. Complied with S/B 977 by the addition of inspection plates (in baggage floor) to enable inspection of aft wing attach brackets. No corrosion was found and brackets were treated in Dinotrol AV8 along with the addition of drain holes on both sides. Fuel tanks were inspected and vent hoses replaced in accordance with S/B646A. In addition, new fuel supply flex hoses were installed. (Next due in year 2010 or 1000 hours). Fuel tanks were reinstalled with (70) AN525-832-R9 screws and (60) AN 525-832R12 screws. The brake calipers and master cylinder was removed, cleaned and overhauled by honing and the addition of all new seals, o-rings, and brake pads. All hydraulic flex hoses were replaced with new hoses. Entire system was serviced with MIL-H-5606 and air removed by bleeding. The unheated pitot was removed, a new O/H heated pitot P/N 69041-005 was installed in accordance with Piper dwg. 63906, ref. 337 dated 5/28/02 in aircraft records. The voltage regulator was removed and a new Lamar solid state regulator P/N 557337 installed along with a newly O/H'd Chrysler 60 amp alternator P/N 3656624 S/N A162280. Installed a new 60 amp alt circuit breaker and a new 5 amp field circuit breaker. All switches were removed and replaced with new MS35059-22 and MS 35058-22 switches. All circuit breakers were removed and replaced with Klixon circuit breakers including new bus bar. All the wiring from the instrument panel to the engine was replaced due the age cracks or chafing. Wiring was done in accordance with the Piper electrical schematic and AC43-13. A new instrument panel was installed (ref. 337 dated 5-19-02 in aircraft records). Removed the Transcal encoder P/N D120-P2-T and installed a new ACK A-30 Encoder S/N 77013. Continued

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
12-6-01	tach	1518.80 total time 3215.8 Cont. from Previous Page 6 AD 76-07-12 Bendix Switches CW by Ops Check Next due 1618.80. AD 96-08-10 Oil Pump Impellers, Remove Accessory Housing Visual Inspect Oil Pump Has Nitrided Driving Impeller P/N LW-18109, Carbureted Impeller Shaft Assembly P/N LW-18110. FAR 91.207 ELT CW(C)(1-4) Next due +100hrs/12 MTHS Batteries Good till March, 2004.

Date 12-6-01 total time 3215.8

I certify this Aircraft has been inspected in accordance with a 100hr inspection and was determined to be in airworthy condition.

Signature [Signature] A&P No. 446423169

Date 12/6/01 TT 3215.8

I certify this Aircraft has been inspected in accordance with an Annual inspection and found to be in airworthy condition

Signature [Signature] IA 1721137

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
2/09/02	@ 3216.0	TT THE US REGISTRATION FOR THIS AIRCRAFT N7086W HAS BEEN REMOVED AND REPLACED WITH THE SPECIAL REGISTRATION NUMBER N180LR AS APPROVED BY FAA FORM 8050-64 DATED JANUARY 30, 2002. THIS FORM MAY BE FOUND IN THE AIRCRAFT FAA APPROVED AIRPLANE FLIGHT MANUAL. A COPY IS ALSO IN THE AIRCRAFT RECORDS BOOK

[Signature] A&P 15115001A

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
21 Aug. 00 TT	1439.17 3136.17	Installed Piper main gear link bolt modification kit P/N 760-910. Replaced bushings P/N 68557-40 in both control wheels. Replaced engine induction air filter with Wix P/N 2030. Replaced fuel cap seals 44x44 fuel cells. Replaced tail navigation lamp bulb. Replaced (2) rivets in cabin door lower hinge. Serviced and charged battery. Replaced vacuum regulator sock filter. Cleaned, checked and packed all wheel bearings. Checked brakes. Serviced brake fluid reservoir with fluid. AD 69-23-02 Control wheels cw(a)(b)(c)(d) next due 1539.17 / AD 70-16-05 Exhaust system cw(a)(c) next due 1489.17 / AD 76-07-60 Bendix switch ops check OK. Next due 1539.17 / AD 95-26-13 Oil hoses cw (a) visual inspection and Note 3 flexibility test. Next due 1539.17
21 Aug 00 TT	1439.17 3136.17	I certify this Airframe has been Inspected in accordance with an ANNUAL INSPECTION and was determined to be in AIRWORTHY condition. Mark Davis AIP440680104EA

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
12-6-01	1518.80	Total time 3215.8 Aircraft was Inspected Serviced & Lubricated TAW Piper PA 28-180 Service Manual Checklist. Inspected, Cleaned, & Packed All wheel Bearings. Opened Inspection Panels, Checked Cables & Pulleys. Inspected wheel tires & Brakes. Replaced ALL Brake Linings with new. Cleaned & Inspected Engine Air Induction filter. Replaced Spinner Bulkhead Plate with new. Serviced Battery with fld & charged. AD 69-22-02 Control wheel cw(a)(b)(c)(d) Next due 1618.80. AD 70-16-05 Exhaust System cw(a)(c) Next due 1568.80. AD 72-08-06 Main Ldg Gear cw(a)(b)(c)(d) Next due 2018.80. AD 95-26-13 Oil Hoses, cw(a) + Note #3 Next due 1618.80 - Cont to Next Page - ->

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

Associated Aero Service Inc.

P. O. Box 1310 • Bethany, OK 73008 • (405) 789-5474 • FAA CRS SSWR186K

1-31-2000

TACH: 1356.77

N7086W

Installed flush repairs to lower left and right wing skins. See
Associated Aero Service Work Order No. 2775 for details.

Sam Birchett
Sam Birchett

INSPECTION RECORD

F.A.R. 43.11 - 91.217

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11-17-00

*RX 155 NAD/Com and KI 209 Nav
indicator removed by persons unknown.
Mounting tray & wiring left in place.
Cables secured out of contact area. Weight
and balance revised.*

Ed F. Webb
Freescan Avionics & Instrument
5080 S. Collins Suite #114
Arlington, TX 76018
FAA C.R.S. F3RR707J

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
8-10 10-4	2990.7 1293.7	TTAF Mch. REPLACE ELKV COUNTER WEIGHT ARM. # 69623-004 THIS REMOVES THIS PART FROM INSPECTION REQUIRED BY AD 70-26-04 REALING VALVE CORE IS NOW SPRUT TO SERVICE. OPS CHECK OK <i>Joe Brown</i> 440629577 ADP
10-29-99	1306.9	Uncowl Remove wheel pants (Nose), nose wheel Remove + Replace Nose wheel Steering horn Assy. Nose wheel bearing, sleeve, Nose wheel Fork Assy. with block, Lower inner strut tube, strut Baking Kit, RTR Nose wheel Half outer, Race + Bearing, + Grease Seal, Service Right Main strut, Cowling Eng + Clean <i>Jim May</i> AP 449684864

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
11/11/00	1356.15	Tach Serviced struts with Air tail, Roscoe Rt Buckle Caliper. I have inspected This Aircraft and found it to be in a Safe Condition TO Ferry, FROM GOK TO PWA IN ACCORDANCE WITH FAA SPECIAL Flight Permit ISSUED 1/18/00 FLIGHT MUST BE WITHIN ALL RESTRICTIONS LISTED ON THAT Permit <i>Shawn. Dwyer</i> 1721137 A+P

INSPECTION RECORD

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^{1202.3}
4-28-1999 TACH: 1188.01 PIPER N7086W
 Removed King KA 134 audio panel, STS 120MC Ioran and Sigtronics SPA 400 intercom. Installed Garmin GMA 340 Audio panel and GNC 250XL Comm GPS. Reference Work Order No. 10397 and FAA form 337 dated 4-27-1999 for complete details on the work performed. I certify that the work performed on the aircraft has been performed satisfactorily and per current FAA Regulations and is approved for return to service only for the work performed.

[Signature] ^{24/1270}
 Signed _____ Cert. # _____
 Phippen-York Flying Machine Co.
 FAA C.R.S. FMZR327K

INSPECTION RECORD

F.A.R. 43.11 - 91.217

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6-16-99 1216.7 Overhaul nose strut using Trimcraft TPNS-1 seal kit. Service nose strut with 5606 hgt. fluid. Repack wheel bearing on nose wheel. Taxi test OK to return to service.
[Signature] 446360654 ap

8-10-99 1262.8 Tach. Annual insp. LUBE connects AS NEEDED. SERVO. BATT & CHECK BRAKES. REPACK & CHECK MAIN BRGS & TIRES. SERVO ALL SERVOS W AIR & 5606 FLUID. REPLACE ELT & INSTALL FRESH BATS. CW AD 9610-03 FLAP Hydraulic CWAD 99 05 09/VA. CW AD 76 07 12 BEND SW. OK By OPS CHECK Done 100 HRS. CW AD 70-16-15 EX SYS. OVE 50 HRS.

Date: 9-10-99 Tach/Hobbs: 1262.8

Total: _____ SMOH: _____
 I certify that this engine/airframe has been inspected in accordance with a 100 hour / annual inspection and has been determined to be in airworthy condition.

Authorized Signature: _____

Certificate # AP4406295791A

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
1-14-99	1157.2	Tach. REMOVE DOOR & REPAIR BOTTOM FRONT CORNER OF SKIN. MINOR REPAIR NO CHANGE in WT & BAL. OK TO RETURN TO SERVICE <i>J. Brewer 440629575 ACP</i>

PIPPEN-YORK FLYING MACHINE
RT. 2 BOX 216-1A
FREDERICKSBURG, TX 78624
830-997-8205 FAA CRS FMZR327K

I CERTIFY THAT THE ALTIMETER SYSTEMS, ALTITUDE REPORTING EQUIPMENT, AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 AND THE ATC TRANSPONDER SYSTEM TEST REQUIRED BY FAR 91.413 HAVE BEEN PERFORMED. A/C HOUR METER 1188.01. ALTIMETERS LH S/N 54738 DATE 4-29-99 TESTED TO 2000 FT RH S/N _____ DATE _____ TESTED TO _____
AUTOMATIC PRESSURE REPORTING SYSTEM, TYPE AR350 SN 352 8530 DATE 4-29-99 TESTED TO 2000 FT
ATC XPDR #. 1 _____ #2 _____
SIGNATURE *B. Brewer* CERT. NO. 42230
WORK ORDER NO. 11015 DATE 4-2-99

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
4-14-99	1194.28 Tach	Installed Replaced both main tires with retread 600-6. See yellow tags. Repack main wheel bearings. Install all new 46-1060 brake linings. Function test brakes. OK to return to service <i>Roy J. Feb 442-42-9760 ACP</i>
4-26-99	1199.1 Tach	Replaced starter with yellow tagged unit. PN M2-4222 by Modified Aircraft Accessories Inc. see yellow tags. Ops check OK to return to service <i>Roy J. Feb 442-42-9760 ACP</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
4/20/97	CONT'D)	AD DUE EA. 50 HRS. C/W AD 70-26-04R2 STABILATOR TUBE- BY INTERIOR VISUAL INSPECTION. AD DUE EA. 200 HRS. C/W AD 76-07-12 BENDIX IGNITION SWITCH- BY FUNCTIONAL TEST. AD DUE EA. 100 HR. AD 96-10-03 FLAP LEVER BOLT - DUE W/IN 100 HR AFTER 6/14/96 OR APPROX. TACH 1069. AD 96-10-01 LANDING LIGHT SEAL- DUE W/IN 100 HR AFTER 6/10/96 OR APPROX. TACH 1069. C/W AD 95-26-13 OIL COOLER HOSES- BY REPLACEMENT W/ AERQUIP P/N AE366000/140460, TSO C-538 TYPE D HOSES W/ FIRESLEEVE. AD DUE EACH 8 YRS. REPLACED TURN CO-ORDINATOR W/ P/N 13947100-54, S/N 8810-344. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. James R. Cunningham A&P 543683418 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
5 JULY 1998	TACH 10460	AIRCRAFT TOTAL TIME 2743.6 ANNUAL INSPECTION COMPLETED IAW FAR 43 APPENDIX D. LUBRICATED AIRFRAME, FLIGHT & COCKPIT CONTROLS. SERVICED BATTERY, BRAKES, TIRES. CLEANED FUEL SCREENS. ELT BATTERY DUE REPLACEMENT. UNIT TURNED OFF & OWNER NOTIFIED OF 50 MILE RADIUS FLIGHT RESTRICTION. TESTED LIGHTS. REPLACED AIR FILTER W/ P/N 42030. AD 84-26-02 PAPER FILTERS C/W. AD DUE EA. 500 HR. C/W AD 96-10-01 LANDING LIGHT COVER/SEAL- BY PARTS REPLACEMENT. C/W AD 76-07-12 BENDIX IGNITION SWITCH- BY FUNCTIONAL TEST. AD DUE EA 100 HR. C/W AD 70-16-15 EXHAUST SYSTEM- BY VISUAL INSPECTION. AD DUE EA. 50 HR. AD 96-10-03 FLAP HANDLE BOLT- DUE @ TACH 1069. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION. James R. Cunningham A&P 543683418 IA

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
11 MARCH 1996	TACH 959	AIRFRAME TOTAL TIME 2656.6. ANNUAL INSPECTION COMPLETED IAW FAR 43 APPENDIX D REQUIREMENTS. LUBRICATED AIRFRAME, FLIGHT, & COCKPIT CONTROLS. SERVICED BATTERY & TIRES. TESTED LIGHTS. REPLACED SEALS IN L & R MAIN GEAR STRUTS & SERVICED. REMOVED CORROSION @ WIRING TERMINALS AT FIREWALL STARTER RELAY. C/W AD 95-26-13 OIL COOLER HOSES - BY INSPECTION. HOSES DUE RE-PLACEMENT IN 1997 PER AD. C/W AD 76-07-12 BENDIX SWITCH - BY FUNCTIONAL TEST. AD DUE EA. 100HR. & NEXT DUE @ TACH 1059. C/W AD 70-16-05 EXHAUST SYSTEM - BY INSPECTION. AD DUE EA. 50HR & NEXT DUE @ TACH 1009. C/W AD 69-22-02 R2 CONTROL WHEELS - BY INSPECTION - AD DUE EA. 100HR. & NEXT DUE @ TACH 1059. ELT BATTERY EXPIRED & UNIT TURNED OFF PENDING BATTERY REPLACEMENT. OWNER/OPERATOR NOTIFIED OF 50 MILE RADIUS FLIGHT RESTRICTION. I CERTIFY THAT THIS AIRCRAFT HAS	

CONTINUED 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
3/11/96	CONT'D	BEEEN INSPECTED IAW AN ANNUAL INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION THIS DATE. James R Cunningham A&P 543683418 IA
15 APRIL 1996	TACH 960	REPLACED ELT BATTERY w/ ARTEX P/N 00-04-000A, DATED MAY 1998 FUNCTIONALLY TESTED. James R Cunningham A&P 543683418
20 JUNE 1997	TACH 996	AIRCRAFT TOTAL TIME 2693.10 HRS. ANNUAL INSPECTION COMPLETED IAW FAR 43 APPENDIX D REQUIREMENTS. LUBRICATED AIRFRAME & FLIGHT CONTROLS. SERVICED TIRES, BRAKE RESERVOIRS, & FUEL SCREENS. TESTED LIGHTS. FUNCTIONALLY TESTED ELT THEN 3 AUDIO SWEEPS & PER FAR 91.207. ELT BATTERY DUE 5/1998. REPLACED AIRCRAFT BATTERY w/ CONCORDE CB-35 C/W AD 70-16-05 EXHAUST SYSTEM - BY VISUAL INSPECTION.

CONTINUED NEXT PAGE →

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
8/8/92	CONT'D	AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION THIS DATE.	
		James R Cunningham A:P 543683418 IA	
1 OCTOBER 1993	TACH 846	AIRFRAME TOTAL TIME 2553.6 HR. ANNUAL INSPECTION COMPLETED IAW FAR 43 APPENDIX D REQUIREMENTS. LUBRICATED AIRFRAME, COCKPIT & FLIGHT CONTROLS. SERVICED BRAKE RESERVOIR, TIRE PRESSURES & BATTERY. TESTED LIGHTS. CLEANED FUEL SCREEN. REPLACED ELT BATTERY W/ ARTEX PIN 00-04-006A DATED 10/95. FUNCTIONALLY TESTED & RE-ARMED. C/W AD 70-16-05 EXHAUST MUFFLER - BY INSPECTION. - AD RECURRING EA. 50 HRS. & NEXT DUE @ TACH 896. C/W AD 76-07-12 BENDIX SWITCH - BY FUNCTIONAL TEST. AD RECURRING EA. 100 HRS. & NEXT DUE @ TACH 946. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION.	
		James R Cunningham A:P 543683418 IA	

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
1 FEBRUARY 1995	TACH 889	AIRFRAME TOTAL TIME 2596.6 ANNUAL INSPECTION COMPLETED IAW FAR 43 APPENDIX D REQUIREMENTS. LUBRICATED AIRFRAME & FLIGHT CONTROLS. SERVICED BRAKE RESERVOIR & TIRE PRESSURES. CLEANED FIREWALL FUEL STRAINER & ELECTRIC PUMP SCREEN. TESTED LIGHTS. FUNCTIONALLY TESTED ELT THRU 3 AUDIO SWEEPS & RE-ARMED. ELT BATTERY DATE DUE 10/95. REMOVED & RE-INSTALLED RH FUEL TANK FOLLOWING REPAIR & RE-SEALING BY SKYCRAFT CORP. SEE FAA FORM 337 DATED 12/23/94. C/W AD 76-07-12 BENDIX IGNITION SWITCH - BY FUNCTIONAL TEST. AD RECURRING EA. 100 HRS. & NEXT DUE @ TACH 939. C/W AD 70-16-05 EXHAUST SYSTEM - BY VISUAL INSPECTION. - AD DUE EA. 50 HRS. & NEXT DUE @ TACH 939. REMOVED & RE-INSTALLED FOLLOWING REPAIR: LH & RH EXHAUST ASSEMBLIES. REPAIR PERFORMED BY AERO FABRICATORS, CRS QL2R113L, W/O #D318063. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION & WAS DETERMINED TO BE IN AIRWORTHY CONDITION THIS DATE.	
		James R Cunningham A:P 543683418 IA	

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
2-3-92	2505.8	TACH 797.2 Remove STAB Trim Cable & ASSOCIATED AFT DRUM MOUNT & HARDWARE. INSTALL STAB Trim MOD KIT # 756-930V PER ENCLOSED INSTRUCTIONS. R-R RH STAB. HINGE FITTING PART # 63563-000. REPLACE HARDWARE AS NEEDED.	
		DATE: 2-3-92	
		APPROVED FOR RETURN	
		TO SERVICE W.O. # 8529	
		CHIEF INSPECTOR-CRS AQHD225C	
		Burch E Bailey	
8 AUGUST 1992	TACH 817.5, AIRFRAME TOTAL TIME 2525.1	ANNUAL INSPECTION COMPLETED IAW FAR 43 APPENDIX D REQUIREMENTS. LUBRICATED AIRFRAME & FLIGHT CONTROLS. SERVICED/CHARGED BATTERY. SERVICED BRAKE RESERVOIR, SHOCK STRUTS, & TIRE PRESSURES. CLEANED FIREWALL FUEL STRAINER & ELECTRIC PUMP SCREEN. LUBRICATED CABIN CONTROLS. TESTED	

CONTINUED NEXT PAGE →

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
8/8/92	CONT'D)	ALL LIGHTS. REMOVED OLD WIRING HARNESSES FROM PREVIOUSLY REMOVED AVIONICS. TREATED ENTIRE AIRFRAME w/ ACF-50 CORROSION INHIBITOR. INSTALLED OVERHAULED PROPELLER, SN 26776K, SEE ENGINE LOG THIS DATE. C/W AD 69-22-02R2 CONTROL WHEELS, AD RECURRING EA. 100HRS. & NEXT DUE @ TACH 917.5. C/W AD 70-16-05 EXHAUST MUF. FLER-BY VISUAL INSPECTION. AD RECURRING EA. 50HR & NEXT DUE 867.5 TACH. C/W AD 70-26-04R2 STABIL-ATOR TUBE-BY VISUAL INSPECTION. AD RECURRING EA. 200HRS. & NEXT DUE @ TACH 1017.5. C/W AD 76-07-12 BENDIX SWITCH-BY FUNCTIONAL TEST. AD RECURRING EA. 100HR & NEXT DUE @ TACH 917.5 C/W AD 84-26-02 PAPER AIR FILTERS-BY REPLACEMENT.- AD RECURRING EA. 500HRS. & NEXT DUE AT TACH 1317.5. AD 67-20-04 TORQUE LINKS-N/A AS EQUIPPED. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION	

CONTINUED NEXT PAGE →

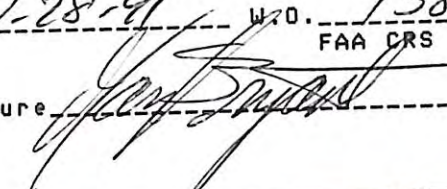
MAINTENANCE RECORD

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
7-18-91	2457.4	Annual inspection & service complet this date.	
		Lubed all Flight controls & inspected. Packed all Wheel Bearings	
		Serviced Brake system with Mil-M-5606 - inspected Exhaust system	
		C/W AD 69-22-02 control Wheel Cracking By Inspection next	
		due 2557.4 T.T. C/W AD 70-16-05 MUFFLER inspection C/W	
		AD 86-17-01 smoke in cockpit N/A due to S/N. inspected Fuel	
		System & Cleaned Strainer Screen see Additional AD's in Rear	
		OF this log & Log #1 Dressed & Painted Prop. ^{due} ELT BAT 6-93	
		Date 7-18-91 Tach. 749.3 TT. 2457.4	
		I certify that this aircraft/engine has been inspected in accordance with <u>Annual</u> inspection and was determined to be in airworthy condition.	
		Pertinent details of this inspection are on file at this repair station under Work Order No. 7815	
		For EL AERO SERVICES, INC. FAA approved Repair Station, No. A0HD225C	
		For EL AERO Services & Bailey, Inc.	

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
		I certify ATC transponder tests and inspections required by FAR 91.413 have been performed in accordance with part 43 appendix F.	
		Date 7-28-91 W.D. 1387	
		Signature  FAA CRS BYLR492K	
		Also Replaced TURN COORDINATOR w/ OH COND. UNIT	

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
7-21-89	TACH 567.2	INSTALL NEW CARB HEAT SHROUD INSTALL NEW PARKING BRAKE LATCH REPAIR PITOT LINE LINE. REPAIR L.H. FUEL TANK SEEPS. Booth Bailey ACP37249	
23-FEB 90	TACH 598.4	INSTALLED STC #SA4008NM REMOVABLE PANELS ON BATTERY BOX SIDES AND STC SA3531NM COPPER CABLES. BOTH BY ROBERT AVIATION AND NEW BATTERY BOX SEE 337 FILED THIS DATE. Mitch Bonestell ACP307503258	

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
3-28-90	TACH 603.16	INSTALLED NEW G35 BATTERY S/N G1053570 RETURN TO SERVICE THIS DATE Jeff Ransom ACP 530867336	
1 JULY 90	TACH 625.6	LEFT FUEL TANK OVER- HAULED, MAIN LANDING GEAR SISSORS SHIMMED AND TIGHTENED, LEFT & RIGHT FUEL DRAWS REPLACED, AD64-2202 C/W BY INSP (CONT WHEEL) AD70-16-05 C/W BY INSP (MUFFLER) AD72-08-06 C/W BY INSP. (TORQUE LINKS) ALL NAV LIGHT BULBS REPLACED, A/C RUN-UP, LEAK CHECKED, NO DEFECTS NOTED, ALL BRAKE LININGS REPLACED LUBE A/C SERVICE BATTERY, TIRES HYD SYSTEM.	25 JULY 625.6 2333.2 I certify that this aircraft has been inspected in accordance with ANNUAL inspection and was determined to be in airworthy condition. Particular details of this inspection are on file at this repair station under Work Order No. 6360 EL AERO SERVICES, INC. FAA approved Repair Station, No. AQHD225C By Booth Bailey for EL AERO

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
6-14-88	Tech 431.32	TT 2138.92-100 hour Annual insp. complete in accordance with FAR 43 appendix D and Piper Service manual -	
		ELT expires April 89. Serviced nose strut with MIL 5606 and air.	
		Complied with AD 69-22-02 control wheel next due 2238.92 TT -	
		Complied with AD 70-16-05 muffler next due 2188.92 TT. 	
		AD 70-26-04 stabilizer balance weight due 2228.5 TT. AD 87-08-08	
		Piper spec suspended. AD 84-26-02 paper air filter due at 2337.0 TT	
		Done R. Don AcP 530547160IA	
		I certify that this <u>Airframe</u> has been inspected in accordance with <u>Annual</u> inspection and have	

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
9-30-88	483.1 Tech	50 HR INSP. c/w	J. Woods R.S. 411-6
6-28-89	2259.20	Hourmeter 551.6	
6-28-89	Tech 551.6 TT 2259.20	ELT BAT REPLACED, BAT 6-91	
		REPLACE SPINNER BULKHEAD (AFT)	
		REPLACE BRAKE LININGS & DISCS	
		AD 69-22-02 C/W By insp next due 2359.2 TT	
		AD 70-16-05 C/W By insp next due 2309.2 TT	
		AD 70-26-04 C/W By insp next due 2459.2 TT	
		AD 84-26-02 C/W By Replacement next due 2759.2 TT	
		CAEB HEAT SHROUDS ORDERED NEW, ON BACK	
		ORDER FROM FACTORY, WILL INSTALL ON ARRIVAL	
		RIR TIRES & TUBES	
		BLEED HYD SYSTEM	
		REPLACE AIR FILTER	
		LUBE A/C	

Date 6-28-89 Tech 551.6 TT 2259.20
I certify that this aircraft/engine has been inspected in accordance with ANNUAL inspection and was determined to be in airworthy condition.

Pertinent details of this inspection are on file at this Repair Station under Work Order No. 6126

EL AERO SERVICES, INC.
FAA approved Repair Station, No. 411-10A

Brooks & Bailey

F.A.R. 43.9

DATE OF COMPLETION

AIRCRAFT TIME
IN SERVICEDESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

8/25/86

Tested the Narco AT504 Transponder
in accordance with FAR 91.172 using
AC 43 Appendix "F" as a guide. No
encoder installed.

By Roger D. Kucini
Cert # 2307548
CR5105-3

HAMILTON AIR RADIO
HAMILTON AIRPORT
HAMILTON, OHIO 45015
PHONE 868-2766

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

6-1-87

COMPLETION	IN SERVICE	REMARKS
6-1-87	Tach 320.9 TT 2028.5	100 hour Annual inspection complete in accordance with F.A.A 43 appendix D and Piper service manual. Replaced E.L.T Battery with new, expires April 89. Complied with AD 69-22-02 controll wheel next due 2128.5 TT. Complied with AD 70-16-05 Piper muffler next due 2078.5 TT. Complied with AD 70-26-04 stabilizer balance weight tube next due 2228.5. AD 72-08-06 Torque links does not apply, part # 63306-2 torque links installed. AD 86-17-01 Piper Ammeter does not apply due to serial number. AD 87-08-08 Piper spar due at 5000 hours TT. AD 84-26-02 paper air filter due at 2337. tt
I certify that this airframe has been inspected in accordance with an Annual insp and determined to be in airworthy condition. Dale A Bo		
A9P 530547160 IA		

DATE OF
COMPLETIONAIRCRAFT TIME
IN SERVICEDESCRIPTION OF WORK PERFORMED
OR APPROVED DATA USED

8-20-86

TACH:

241.00

REPAIRED WIRING TO INSTRUMENT PANEL LIGHT,
REPLACED FUEL LINE FROM FUEL SELECTOR VALVE
FORWARD TO FIREWALL FITTING, REPLACED DOOR HANDLE
WITH PIPER # 464-022

MAINTENANCE RELEASE FORM

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

Pertinent details of the repair are on file at this agen-
cy under work order No. 0569 Date 8-20-86

Signed

(Signature of Auth. Individual)

Torp Aero Service, Inc.

#361-10

(Agency Name)

(Certif. No.)

970 S. Kirby, Bloomington, Indiana 47401

(Address)

INSTALLED EQUIPMENT

[illegible]

AIRCRAFT DESCRIPTION

MANUFACTURER PIPER MODEL PA28-180 DATE OF MFG. 1968
 SERIAL NUMBER 28-872 REGISTRATION NUMBER ~~N7080W~~ N180LR

REGISTERED OWNER EXECUTIVE TWIN AVIATION, INC.

STREET ADDRESS 4117 N.W. 144th STREET

CITY, STATE, ZIP OKLAHOMA CITY, OK 73134

OPERATOR RICHARD T. RUSS

STREET ADDRESS SAME AS ABOVE

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

AIRCRAFT LOG NO1



PIPER AIRCRAFT CORP.,

LOCK HAVEN, PA.

PERIODIC

Aircraft

PERIODIC INSPECTION REPORT

Engine

Mfg.

Made each 100 hours of flight and also immediately prior to presentation for inspection for renewal of certificate

Model

License No.

Note condition and list repairs, replacements, etc.

Time to

Mfg.

Model

Serial No.

Total Time

Hrs. Min.

Fuselage, Tail Group
and CoveringWings and Ailerons, Flaps
and CoveringLanding Gear & Tail Wheel
or Skid and TiresEngine Installation and
CowlingFuel Tanks and
ConnectionsControl Cables & Pulleys
Internal & ExternalStruts, Fittings
and WiresAlignment and Condition
of PropellerInstruments, Lights,
Starter & Battery

8/25/86

Tach 244 hrs.

Blew out pitot tube

Adjusted suction regulator

Bled brake system entirely. Installed

2 FA # 66-2 brake Greg Hayes

linings

AD 292467849

Hub Design
Blade DesignSerial
Serials

DATE Inspected by No. Address

Licensed Mechanic

NOTICE: Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

PERIODIC

Aircraft

PERIODIC INSPECTION REPORT

Engine

Mfg.

Made each 100 hours of flight and also immediately prior to presentation for inspection for renewal of certificate

Model

License No.

Note condition and list repairs, replacements, etc.

Time to

Date—Hrs. Min.

Mfg.

Model

Serial No.

Total Time

Hrs. Min.

Fuselage, Tail Group
and CoveringWings and Ailerons, Flaps
and CoveringLanding Gear & Tail Wheel
or Skid and TiresEngine Installation and
CowlingFuel Tanks and
ConnectionsControl Cables & Pulleys
Internal & ExternalStruts, Fittings
and WiresAlignment and Condition
of PropellerInstruments, Lights,
Starter & Battery

End of log #1

See Log #2

Hub Design
Blade DesignSerial
Serials

DATE Inspected by No. Address

Licensed Mechanic

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

PERIODIC

Aircraft

PERIODIC INSPECTION REPORT

Engine

Mfg.

Made each 100 hours of flight and also immediately prior to presentation for inspection for renewal of certificate

Model

License No.

Time to

Date—Hrs..... Min.....

Note condition and list repairs, replacements, etc.

Mfg.

Model

Serial No.

Total Time

Hrs. Min.

Fuselage, Tail Group
and Covering

3-15-86 Tach 226.8 TT 1934.4

Wings and Ailerons, Flaps
and Covering

All routine maintenance plus new Buick wheels

Landing Gear & Tail Wheel
or Skid and Tires

repaired leak in left cylinder, new ELT battery, Good

Engine Installation and
Cowling

until 12-87 new more + R. engine tires

Fuel Tanks and
Connections

I certify that this aircraft has been

Control Cables & Pulleys
Internal & Externalinspected in accordance with a AnnualStruts, Fittings
and Wiresinspection and was determined to be in GoodAlignment and Condition
of Propellerairworthy condition DTA 118261902Instruments, Lights,
Starter & BatteryHub Design
Blade DesignSerial
Serials

DATE Inspected by No. Address

Licensed Mechanic

PERIODIC

Aircraft

PERIODIC INSPECTION REPORT

Engine

Mfg.

Made each 100 hours of flight and also immediately prior to presentation for inspection for renewal of certificate

Model

License No.

Time to

Date—Hrs..... Min.....

Note condition and list repairs, replacements, etc.

Mfg.

Model

Serial No.

Total Time

Hrs. Min.

Fuselage, Tail Group
and Covering

8/18/86 Removal KX170B STEC

Wings and Ailerons, Flaps
and Covering

NO. 4 DRE 840. WTY BALANCE

Landing Gear & Tail Wheel
or Skid and Tires

computed & entered Below

Engine Installation and
Cowling

[Signature]

Fuel Tanks and
Connections

E.W. - 1275.11 TOMLINSON AVIONICS OF MO, INC.

Control Cables & Pulleys
Internal & External

E.W.C.C. - 89.71 Municipal Airport, P.O. Box 73

Struts, Fittings
and Wires

mom - 114340.68 Cape Girardeau, Missouri 63701

Alignment and Condition
of Propeller

UL - 1124.89 Hub Design Blade Design AA Approved Repair Station No. 362-B

Instruments, Lights,
Starter & Battery

DATE Inspected by No. Address

NC

Date		Time in Air Hrs. Min.	Passengers Carried	NATURE OF FLIGHT
Year Mo. Day				
84				TACH TIME 164.74 HOBBS TIME 279.3
8	21			COMPLETELY STRIPPED A/C - ETCHED - WORKED ALL CORROSION - BLADDED - PRIMED & RE-PAINTED WITH AMER-FLINT II POLYURETHANE BASE - 1979 DODGE TRUCK CODE #21 - DARK BLUE 1980 FORD TRUCK CODE 3B - LIGHT BLUE 1979 CHEVY & G.M. TRUCK CODE 27 - BUSETTE RED 1979 CHEVY & G.M. TRUCK CODE 74. ALL FLIGHT CONTROLS BALANCE CHECKED FOLLOWING RE-PAINT. Chloro A/C PAINT - FLALLER CO. A/P Bunnell FLA. Chris Kappeler AXP 320501057
Total Forward				

Place of Last Airplane Overhaul

AIRCRAFT LOG

REMARKS	SIGNATURE
TACH TIME 164.74 HOBBS TIME 279.3 Installed Deamers Super Tips in accordance with Madras Air Service installation instructions for Piper PA 28-180. Also in accordance with Supplemental Type Certificate SA549ME late amended January 9, 1980 Refer to STC SA549ME and Drawing M45 10P and Madras Air Service Installation instructions, which should be available with this air crafts permanent records for technical information. 8/27/84 Chris Kappeler AXP 320501057 (SEE NEXT PAGE)	

Date		Time in Air		Passengers Carried	NATURE OF FLIGHT
Year	Mo. Day	Hrs.	Min.		
83					
08	29	11	1837	100 hr	Inspection Completed. Hub & inspected all cables & pulleys. Removed cleaned & inspected and repacked all landing gear wheel bearings. Replaced Carb. induction air filter & instrument air filter with new parts. In accordance with A.D. 70-2604 dis. Penetrant inspected stabilizer balance weight and reinstalled. Next due 389.43 TACH TT 2037.95
100 hr					Richard D. Daspard A.P. 093-66-0307
Total Forward					

Place of Last Airplane Overhaul

Date of Last Overhaul

REMARKS	SIGNATURE
9-1-83 TACH 130.0 TT 1837 hr. Annual Insp. completed See AD list Rec of 109	E. Hillman DA1337669
April 12, 1984 Performed the following major alteration: Removed and installed equipment as shown on equipment list supplement. Refer to weight and balance data, FAA form 337 and work order 6273 on file at Daytona Beach Aviation, Certificated Repair Station #5404	Dale E. Walter

NC

Date		Time in Air Hrs. Min.	Passengers Carried	NATURE OF FLIGHT
Year	Mo. Day			
7-9-82		100	hour	was completed this date 81 TMC 1788 TT
I certify that this Aircraft (or engine) has been inspected in accordance with a 100hr inspection and determined it to be in airworthy condition.				checked cables & pulleys - lubed fittings, checked brakes, repairs wheel bearings, service stents C/O AD 69-22-02, 70-16-05, 70-26-01 100% 614 MP
7-9-82				Annual Insp. Completed 1788 TT 81.0 TMC
				See AD List Rem 17218 Annual 2 Hecikin IM 337669
Total Forward				

Place of Last Airplane Overhaul

Date of Last Overhaul

AIRCRAFT LOG

REMARKS	SIGNATURE
The ATC Transponder Tests and Inspections required by F. A. R. 91.177 were performed this date and found to comply with F. A. R. 43, Appendix E.	
NARCO AT50A 47464 Make Model Serial No.	
Details of this inspection are on file at this Repair Station under W. O. # 50316 Date 7-13-82	
Cape Kennedy Communications, Inc. Repair Station 5454	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

NC

Date		Time in Air		Passengers Carried	NATURE OF FLIGHT
Year	Mo. Day	Hrs.	Min.		
	79				
	12/19/79	16	16	17	AD's C/w to 79-24 I certify that this AC/Eng. has been inspected in accordance with a <u>100 hr</u> inspection & has been found airworthy. Sig. <u>[Signature]</u> Cert. # <u>A-N 2124293</u>
					6-1-81 I certify that this <u>AC</u> Eng. has been inspected in accordance with a <u>100 hr</u> inspection & has been found airworthy. Sig. <u>[Signature]</u> Cert. # <u>P-P 292541259 TA</u> TACH 1707.00
Total Forward					

Place of Last Airplane Overhaul

Date of Last Overhaul

AIRCRAFT LOG

[illegible]

NC

Date		Time in Air Hrs. Min.		Passengers Carried	NATURE OF FLIGHT
Year	Mo. Day				
					July 1, 1977 Annual inspection completed this date. Total time on aircraft 1569.6. Complied with AD 69-22-2 No cracks found. Complied with AD 79-16-05 No cracks found. Installed new main tires. I certify that this Aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. A/D notes checked through 77-12, See list in back of book. Engine operation check O.K. Date <u>July 1, 1977</u> <u>Shelley A. Stapp</u> 149182
Total Forward					

Place of Last Airplane Overhaul

Date of Last Overhaul

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

AIRCRAFT LOG

REMARKS	SIGNATURE
May 7, 1978 Annual inspection completed this date. Total time on air craft 1585.0 Complied with AD 69-22-2 no cracks found. Complied with AD 70-16-05 no cracks found. Complied with AD 70-16-05	
I certify that this Aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. AD notes checked through 78-20 See list in back of book. Engine operation check O.K. Date <u>May 7, 1978</u> 1491828	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

NC

Date		Time in Air Hrs. Min.	Passengers Carried	NATURE OF FLIGHT
Year Mo. Day				
6-21-77				Removed Lear Nav/Com and Powers Supply, Nav Pack and installed in the same location Narco Escort 110 #22269 Removed Glove compartment and installed Narco AT50A #47464 below existing ADF. This installation was done in accordance with Narco installation manuals, A.C. 43.13-1a chapters 11 A.P. 43.13-2 chapters 1, 2 & 3. Jacob G. Stahl AEP298421649
DATE <u>6-21-77</u>				
I CERTIFY THAT THE TRANSPONDER TEST REQUIRED BY FAR 91.177 HAS BEEN PERFORMED ON TRANSPONDER, MAKE <u>Narco</u> MODEL <u>AT50A</u> S/N <u>47464</u> TSD <u>C74b</u> AND MEETS THE REQUIREMENTS OF FAR PART 43 APPENDIX 'F'.				
LAURENCE AIRCRAFT ELECTRONICS, INC. C.R.S. 10/10				
INSP. <u>[Signature]</u>				
Total Forward				

EMPTY WEIGHT 7291.1 C.G. 89.92
MOMENTS 116095.55
USEFUL LOAD 1108.9

Place of Last Airplane Overhaul

Date of Last Overhaul

AIRCRAFT LOG

REMARKS	SIGNATURE
MAINTENANCE RELEASE	
The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service.	
Pertinent details of the repair are on file at this agency under work order.	
No. <u>22068</u> Date <u>6-21-77</u>	
Signed <u>Jacob G. Stahl AEP298421649</u>	
LAURENCE AIRCRAFT ELECTRONICS, INC. Akron Municipal Airport Akron, Ohio 44306	

Date	Time in Air Hrs. Min.	Passengers Carried	NATURE OF FLIGHT
Year Mo. Day			
		1543	Inspection completed per Paper inspection and FHR 43-11-13-15 offndy ABD - Replaced Brake - bumpers - Complied with AD 70-16-5 Muffler inspection and AD 75-08-03 A. fuel drain valve insp. AD 74-18-15 Leaky oil compressor added all ADs thru 75-10 checked for rear of log for future air speed indicator removed repaired and replaced
THE AIRCRAFT AND/OR COMPONENT IDENTI- FIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULAT- IONS OF THE FEDERAL AVIATION ADMINIS- TRATION AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS RE-			CERTIFY THAT THIS HAS BEEN INSPECTED IN ACCORDANCE WITH A INSPECTION AT 1543 HRS. AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION GENERAL AVIATION INC. LOST NATION AIRPORT WILLOUGHBY, OH FAA APPROVED REPAIR STATION #1035
Total Forward			
Place of Last Airplane Overhaul W.O. NO. 49266			DATE MAY 17 1975

Date of Last Overhaul

NOTICE: Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

AIRCRAFT LOG

REMARKS	SIGNATURE
June 15, 1976 Annual inspection completed this date total time on aircraft 1552.8 Repaired, minor cracks in engine manifold. Installed new engine manifold pads. Checked AD 70-16-5 Muffler inspection. Found OK AD 69-22-21 Checked for cracks found. Complied with AD 75-08-03 Part B. Installed Paper Part #477-627. Complied with AD 75-08-03 Installed steel bushings in accordance with AD annual inspection and was determined to be in airworthy condition A/D notes checked through 176-9. See in back of book. Engine operation check OK.	June 15, 1976

June 15, 1976

NOTICE: Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

NC

Date	Time in Air Hrs.	Min.	Passengers Carried	NATURE OF FLIGHT
Year Mo. Day				
				I certify that this <u>Aircraft</u> has been inspected
				in accordance with an annual inspection and
				was determined to be in airworthy condition.
				A/D notes checked through <u>73-9</u> . See
				list in back of book. Engine operation check
			O.K. Date <u>May 3, 1953</u>	<u>1A-1491828</u>
Total Forward				

Place of Last Airplane Overhaul

Date of Last Overhaul

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

AIRCRAFT LOG

REMARKS	SIGNATURE
June 29, 1974 Annual inspection completed this duty. Total time 15-25 Control system checked and fuel system checked. Wheel alignment per log. AIP 69-22-2 checked. No defects found. AIP 73-163 Part "C" checked OK.	<i>[Signature]</i>
I certify that this <i>Piccoft</i> has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.	See A/D notes checked through 74-12. See list in back of book. Engine operation check OK. <i>[Signature]</i> 1491805

June 23, 1979

NOTICE

Navigation Act of 1938, punishable by Civil Penalty.

NC

Date Year Mo. Day	Time in Air Hrs. Min.	Passengers Carried	NATURE OF FLIGHT
5/3/73			Completed this date & Tack Time 1494.33 Installation of E.L.T. To Right side of Tail Cone at 189.4". ANT. AT 193.0. — N.E. WEIGHT. 1294.8 CG 90.2 Moment 112115.99 JAEP1633687 Painted Aircraft with Dupont Gmson 3 Colors. See Front Cover Larry Macon SUPERCEDED DATED 6-21-77
Total Forward			

Place of Last Airplane Overhaul

Date of Last Overhaul

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

AIRCRAFT LOG

REMARKS	SIGNATURE
May 3, 1973 Annual inspection completed this date. Total time on aircraft 1494.33 Checked control system checked and lubed. Landing gear checked. Installed new nose wheel tire. A/P 62-22-2 Complied with. No cracks found. A/P 70-26-2 Complied with. No cracks found. A/P 72-6-5 Complied with in accordance with drawing SB330A. A/P 72-14-7 Complied with in accordance with Piper SL#614. A/P 69-7-3 Complied with this date Part (F) Installed reconditioned exchange Propeller serial# 37074K See Sensesen Corp. WO# R10598. A/P 70-16-5 checked OK. OVER	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

AIRCRAFT LOG

REMARKS

SIGNATURE

Feb. 26, 1972 Annual inspection completed this date. Topk readings 1458.3. Checked engine creeper and lubed. Wheel bearings greased. Brakes relined. Service letter #600 checked no cracks found. Service letter #597 checked. Bolt OK. A.D. 71-17-6 complies with. Pipples installed. 69-22-2 checked OK. No cracks found. 70-16-5 Check OK.

I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. A.D. notes checked through 72-3. See

Feb. 26, 1972

in back of book. Engine operation check O.K. Date *Lytle* IA 1491828

N C

Date		Time in Air		Passengers	NATURE OF FLIGHT
Year	Day	Hrs.	Min.	Carried	
					- April 9, 1971 Annual inspection completed this date. Tach readings 1424.8. Wheel bearings packed. Installed new brake linings, cleaned and painted. Bath. box. A/D 70/16/5 complied with Part (C) and found OK. A/D 70/18/5 complied with. Kit 75-7-123 installed. Installed new strut per instructions. Total Forward

certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. A/D notes checked through 71-7. See list in back of book. Engine operation check O.K. Date April 9, 1971

Place of Last Airplane Overhaul
 Date of Last Overhaul
 NOTICE: Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

AIRCRAFT LOG

REMARKS	SIGNATURE
Altimeter removed, calibrated and reinstalled. Hammer also release issued. Airspeed removal checked and reinstalled. The altimeter and static system tests required by FAR Part 91.170 have been performed. The altimeter tested to 12000 ft.	
GENERAL AVIATION INC.	
LOST NATION AIRPORT	WILLOUGHBY, OHIO
FAA APPROVED REPAIR STATION	
#1035	
DATE	APR 1 1971
SIGNED	William C. Lehman

Date		Time in Air	Passengers	NATURE OF FLIGHT
Year	Mo. Day	Hrs. Min.	Carried	
				Installed Alcar model 35 EGT per GTC SA 522 SW - The altimeter and static test required by FAR Part 91.170 have been performed - The altimeter has been tested to 18000 ft. T & B indicated Overhaul. Maintenance releases issued.
GENERAL AVIATION INC. LOST NATION AIRPORT WILLOUGHBY, OHIO FAA APPROVED REPAIR STATION #1035 MAY 14 1970 DATE SIGNED <i>William C. Loran</i>				
Total Forward				

Place of Last Airplane Overhaul

Date of Last Overhaul

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

REMARKS	SIGNATURE
Repaired MK12. VOR-LOC check OK. Locked in LNC-100.	Ed J. Vilagi #1522
Nov-29, 1970 Installed new Airborn Vac. Pump Jack readings 1416.1	<i>[Signature]</i>
APR 19 9 18/28 Feb 16, 1971 A/P 70/26/4 complied with this dat. Jack readings 1420.2 A/P 70/26/4 complied with using the dye penetrant. No cracks found	<i>[Signature]</i>
	APR 19 9 18/28

NC

Date		Time in Air		Passengers Carried	NATURE OF FLIGHT
Year Mo.	Day	Hrs.	Min.		
					March 15, 1969 Annual inspection completed this date. Tach reading 1265.5 Installed new fuel action cables. Annual inspection in accordance with Piper service manual.
					I certify that this Aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. A/D notes checked through 69-5. See list in back of book. Engine operation check O.K. Date 3/15/69 IA 1491828
Total Forward					

Place of Last Airplane Overhaul

Date of Last Overhaul

NOTICE: Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

AIRCRAFT LOG

REMARKS	SIGNATURE
April 8, 1970 Annual inspection completed this date. Tach reading 1356.9 Annual inspection in accordance with Piper service manual.	
I certify that this Aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. A/D notes checked through 70-6. See list in back of book. Engine operation check O.K. Date April 8, 1970 IA 1491828	

Civil Aeronautics Act of 1938, punishable by Civil Penalty.

AIRCRAFT LOG

REMARKS

SIGNATURE

NOV. 25, 1968 REMOVED LEAR 5611B
RELOCATED DF. RECIEVER
INSTALLED MARK 12 RECIEVER, T-12-MP-12
POWER SUPPLY, VOA 6 VOR INDICATOR,
AD-1 COMMUNICATIONS ANTENNA.
NEW EMPTY WT. 1,312.3 LBS
NEW EMPTY C.G. 87.1 INCHES
NEW EMPTY MOMMENT 114,352.1 IN. LBS
NEW USEFUL LOAD 1,087.7 LBS
SEE FAA 337 11-25-68
EQUIPMENT LIST WAS CORRECT
FOR THIS INSTALLATION.

Mike Walcott

BECKETT AVIATION CORP., Youngstown, Ohio

CERTIFIED REPAIR STATION NO. 3790

MAY 8 1970

NC

Date		Time in Air		Passengers Carried	NATURE OF FLIGHT
Year Mo. Day	Hrs.	Min.			
					<i>Feb 21, 1968 Annual inspection completed this date. Total reading 1168.5</i> I certify that this <i>aircraft</i> has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. A/D notes checked through <i>67-33</i>. See list in back of book. Engine operation check O.K. Date <i>2/21/68</i> <i>D. A. Staffelt</i> IA 1491828
Total Forward					

Place of Last Airplane Overhaul

Date of Last Overhaul

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

AIRCRAFT LOG

REMARKS	SIGNATURE
<i>Feb 16/1971 A/P 70/26/8</i> <i>complied with this date each heading</i> <i>14.20.2 A/P 20/26/4 complied with</i> <i>the dog pendant, no cases for</i> <i>Lytle D. Staff</i> <i>A/P 14/7/8/28</i>	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Date		Time in Air Hrs. Min.		Passengers Carried	NATURE OF FLIGHT
Year Mo. Day					
					April 12, 1967 Repaired damage to nose gear, installed new tube part # 130 70-00, installed new nose wheel and tire. Pump repaired by Sensenech Corp. See work order R17371 Lytle A. Stafford A/P 14918/78
					July 1, 1967 A/P Rate 67-12-6 completed with this date. A/P 67-16-5 Lye. Fuel pump complete with Lytle A. Stafford A/P 14918/78
Total Forward					

Place of Last Airplane Overhaul

Date of Last Overhaul

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

REMARKS	SIGNATURE
July 1, 1967 Annual inspection completed this date. High reading 1120.7 Installed new brake linings. A/P Rate checked through 67-17. Annual inspection in accordance with Piper service manual and found satisfactory. Engine operation checked O.K. See back of Book for A/P 14918/78 Lytle A. Stafford A/P 14918/78	
July 1, 1967 A/P List	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

Date Year 1966 Mo. Day		Time in Air Hrs. Min.	Passengers Carried	NATURE OF FLIGHT
6	29			Re-tach reads 989 hrs - 100 hr Insp. for Reliance. Checked all cables & pulleys. Re-lined brakes. Oiled brakes. Repacked all wheel bearings. Checked brake & battery fluid. All AD notes after 66-15 complied. Repaired spinner bracket. Ray Neuffer #1242842 I certify that this aircraft or engine has been inspected in accordance with a 100 hr ... inspection and was determined to be in airworthy condition. TOTAL TIME 989 hrs NAME Ray W. Neuffer NUMBER ADP #1242842 DATE 6/29/66
Total Forward				

Place of Last Airplane Overhaul

Date of Last Overhaul

REMARKS	SIGNATURE
6-29-66 See rear of log book for chronological list of airworthiness directive compliance. The operation preflight was conducted and found satisfactory. W. Neuffer I certify that this aircraft or engine has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition. TOTAL TIME 989 hrs NAME Walter A. Neuffer NUMBER A.T.E. 11956. D.L. DATE 6-29-66	

AIRCRAFT LOG

REMARKS	SIGNATURE
5-25-65 PERIODIC INSPECTION COMPLETED THIS DATE. A/C LANDING GEAR INSPECTED, WHEELS REMOVED, BEARINGS REPACKED AND REINSTALLED. A/C ELECTRICAL SYSTEM & BATTERY INSPECTED. ALL A/C CONTROLS, CONTROL CABLES AND PULLEYS INSPECTED. NEW STABILATOR UPPER SKIN, RIGHT SIDE INSTALLED USING FACTORY REPAIR METHODS. ALL POINTS LUBRICATED. PROPELLOR NICKS FILED AND REFINED WITH FLAT BLACK. ALL A.D. NOTES CHECKED AND COMPLIED WITH TO DATE. TACK TIME 657.63	
THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ON THE REVERSE SIDE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT CIVIL 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. <u>3713</u>	DATE <u>5-25-65</u>
SIGNED <u>[Signature]</u>	FOR
CROW INC. F.A.A. 1061 TOLEDO EXPRESS AIRPORT SWANTON, OHIO	

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938, punishable by Civil Penalty.

AIRCRAFT LOG

REMARKS

SIGNATURE

100HR Insp 616-17

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ON THE REVERSE SIDE WAS
REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT CIVIL AIR REGU-
LATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.
PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER

WORK ORDER No.

DATE

4-23-65

SIGNED

W. J. Lamer

FOR

CROW INC. F.A.A. 1061
TOLEDO EXPRESS AIRPORT
SWANTON, OHIO

AIRCRAFT LOG

REMARKS

SIGNATURE

4-20-65 Remove Narco MK-6 + Corrected wt.
New LW 1304.0
New CG 86.8"
New Moment 113285.21
New U. Load 1096.9

SUPERSEDED
Data

[Signature]
14/15281A

N C

Date Year Mo. Day	Time in Air Hrs. Min.	Passengers Carried	NATURE OF FLIGHT
7-3-63	100 hr		insp. completed this date. Repaired crack in W.S. All prev. maintenance completed. all AD's check O.K.
I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A..... 100 hr. INSPECTION AND WAS DETERMINED TO BE AIRWORTHY. TOTAL TIME.....308.51			
NAME.....Philip H. Converse NUMBER.....A.P. # 1523708 DATE.....7-3-63			
W. R. CROW, INC.			
Total Forward			

Place of Last Airplane Overhaul

Date of Last Overhaul

AIRCRAFT LOG

REMARKS	SIGNATURE
8-30-63 L-1087.545. ckd. Gears ckd Installed a Piper PRC-3 NARCO MK-IV & a Remote Compass. See 337 Dated 8-29-63- AD's on last page -	
New L.W. 1310.5	
New C.G. 86.7	
New Moment. 113701.21	
Useful Load. 1089.5	
I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A..... periodic INSPECTION AND WAS DETERMINED TO BE AIRWORTHY. TOTAL TIME.....407.0	
NAME.....W. R. Crow NUMBER.....A & P 1411528-1A DATE.....AUG 30 1963	
W. R. CROW, INC.	

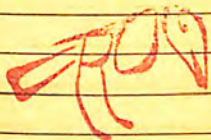
AIRCRAFT LOG

REMARKS

SIGNATURE

5-16-63

LANDING GEAR CHECKED. WHEELS REMOVED, BEARINGS PACKED. NEW
BRAKE LININGS INSTALLED. CHECKED ALL CONTROLS. ADDED
BRAKE HYDRAULIC FLUID.



I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS
BEEN INSPECTED IN ACCORDANCE WITH A
100 HR INSPECTION AND WAS DETERMINED
TO BE AIRWORTHY. TOTAL TIME 205.12

NAME

Otis R. Leist

NUMBER

A+P 604312

W. R. CROW, INC.

DATE

5-16-63

NC

[illegible]

Place of Last Airplane Overhaul

Date of Last Overhaul

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938.

AIRCRAFT LOG

REMARKS	SIGNATURE
3-9-63 Gear abd & Packed, L.H. Ct. Sys. abd. Repaired Nose Cowel, & Tail Cone. Repaired Door Holder, H.O. on Prop. to Remove Nick (St #390 C/w Decal Fuel Tank caps) Att AD" abd. Through 63-4-3	I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A..... Periodic INSPECTION AND WAS DETERMINED TO BE AIRWORTHY. TOTAL TIME 101:9
W. R. CROW, INC.	NAME <u>W. R. Crow</u> NUMBER <u>A & P 1411528-1A</u> DATE <u>3-9-63</u>

W. R. CROW, INC.

AIRCRAFT LOG

REMARKS

SIGNATURE

I HAVE INSPECTED THIS AIRCRAFT AND FOUND
IT COMPLIES WITH THE REQUIREMENTS OF
CAR 1.67 CERTIFICATE OF AIRWORTHINESS
DATED 11-7-62 WAS ISSUED BY ME

Felix A. Smith DMIR 2048

Instructions for the Use of Log Book

1. This log must always accompany the aircraft to which it refers.
2. No pages shall be torn from Log Book. No erasures, and all entries to be made in ink.
3. Original entries shall be made and signed by manufacturer or seller. All other entries shall be made by Pilot, Chief Mechanic, or other competent person authorized to do so.

5. Before departure on journey, pilot is personally to ascertain that entries in log have been made are correct, and then sign certificate to the effect.
6. Special data such as manufacturers notes, test data, reconditioning, etc., should be affixed to stubs provided for that purpose in the back of this book.
7. CAA-18-1 Repair and Alteration forms listed on last page.
8. This log book shall be available and produced, on demand of anyone so authorized.

PIPER AIRCRAFT CORP.—LOCK HAVEN, PA., U. S. A.

AIRCRAFT LOG

Aircraft Name *Piper* Model *PA-28-180* Serial No. *28-872*
 Engine Name *Lycoming* Model *O-360-A3A* Serial No. *L-5018-36*
 Description of Aircraft *14 PCIM Standard* T.C. No. *2A13*
 Date of Manufacture *NOV. 7, 1962*
 Seating Capacity (including pilot) *4* Wt. Empty *1266* Gross Wt. *2488*
 Make of Propeller *Sensenich* Hub Design No. *M76EMM6* Hub Serial *36855*
 Blade Design No. Blade Serial Nos.
 Owner
 Address
 Transferred to
 NOTICE: Act of 1938, punishable by Civil Penalty.