



Transport
Canada
Aviation

Transports
Canada
Aviation

TP3908E

AIRCRAFT TECHNICAL LOGS

Section 1. AIRFRAME

Second Edition

January 1987

Canada

AIRCRAFT

1. Nationality and Registration ~~E-FHAT~~ N 938KT
2. Manufacturer's Designation PIPER PA-24-260
3. Manufacturer's Serial Number 24-4886
4. Type Approval or Specification Number 1A15
5. Date of Manufacture 1969
6. Aircraft Inspection Cycle

EABLE

WO No. 541 Nomenclature Model or Type AI-99	WO No. 541 Nomenclature Model or Type AI-99
D.O.T. App. No. 10-74 BRANTFORD AIR CENTRE LTD. BOX 274 - BRANTFORD, ONT.	D.O.T. App. No. 10-74 BRANTFORD AIR CENTRE LTD. BOX 274 - BRANTFORD, ONT.

REVISION 9/24/86
LET PILE BE PARALLEL
TO DOOR.
MOUNTED CINDER PILE
FROM INSIDE OF DOOR
MOUNTED AND DOOR SIDE
PARALLEL MOUNTED

AIR TIME AND

ENGINEERING RECORD

2

ENGINEERING RECORD

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.	
	HRS.	MIN.	HRS.	MIN.
BROUGHT FORWARD			40170	
23 02 87			40185	
27 02 87			40195	
28 02 87			40208	
29 02 87			40213	
02 03 87			40223	
07 03 87			40236	
07 04 87			40246	
13 04 87			40271	
18 04 87			40294	
28 04 87			40301	
28 04 87			40324	
01 05 87			40348	
14 05 87			40360	
21 05 87			40370	
22 05 87			40378	
26 05 87			40398	
12 06 87			40419	
15 06 87			40442	
16 06 87			40443	
18 06 87			40465	
03 07 87			40467	
06 07 87			40470	
08 07 87			40480	
09 07 87			40494	
10 07 87			40497	
12 07 87			40500	
17 07 87			40513	
16 07 87			40525	
21 07 87			40590	
23 07 87			40653	
31 07 87			40665	
06 08 87			40691	
19 08 87			40719	
25 08 87			40731	
			40731	

CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

LICENCE
NUMBER

ENGINEERING RECORD

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

INSPECTION, REPAIRS & REPLACEMENT

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

FOR 41225 S/P 27471 PER JOURNEY LOG LITHON AVIATION

9 Nov. 89 100 hr I, sp / Annual CF68-4 en insp.
Named 12/36 elt recent, cylinder #1
removed & port ground, landing gear main
scissors rebushed, retract rod end rebushed.
dg exchanged with overhauled unit pitot
static test, turn co-ordinator exchanged, --
artificial horizon exchanged, egt adjusted.
engine buffer manufactured and installed.
ailerons rerigged, tach calibration checked
within 50rpm. tail nav repaired, trim indicators
relocated, several engine hoses replaced,
throttle adjusted, several inst light bulbs
replaced, #2 cylinder export refaced,
stall warning repaired, Compass swing
card installed, A/c washed, ground run
& test flow.

BRANT AERO DATE: 9 Nov. 89

N	30	60	E	120	150	S	210	240	W	300	330
---	----	----	---	-----	-----	---	-----	-----	---	-----	-----

STEER

60 63106 1091117 140176 220242270301 335

RADIO ON ☒ NO RADIO ☐

REGIS: C-FKAT *Blaine Field*

AIR TIME AND

ENGINEERING RECORD

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFO.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE	SIGNATURE	LICENCE NUMBER
	HRS.	MIN.	HRS.	MIN.			
BROUGHT FORWARD							
24 07 84			4089	3			
22 11 84			4084	0			
23 11 84			4084	5			
26 11 84			4087	2			
Dec 16 84					First section influenced new policies, Dir		
23 12 84			4097	7			
14 01 90			4094	2			
29 01 90			4095	6			
31 01 90			4096	8			
13 02 90			4097	8			
20 02 90			4099	3			
21 02 90			4100	3			
22 02 90			4102	3			
23 02 90			4103	7			
28 03 90			4103	9			
17 03 90			4105	6			
16 03 90			4104	6			
15 04 90			4105	6			
16 04 90			4106	1			
26 05 90			4107	35			
27 05 90			4107	45			
22 05 90			4108	50			
19 05 90			4109	7			
21 05 90			4111	2			
24 05 90			4113	6			
25 05 90			4113	75			
31 05 90			4114	75			
05 06 90			4115	55			
16 06 90			4116	6			
17 06 90			4118	6			
21 06 90			4119	7			
01 07 90			4120	9			
06 07 90			4122	2			
08 07 90			4123	2			
			4123	2	CARRIED FORWARD		

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

REPAIRS & ADJUSTED CUMULATIVE PER SKIDNEY LOG

AIR TIME AND

ENGINEERING RECORD

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					
11 07 90			4123	3	
13 02 90			4124	3	
15 07 90			4125	6	
22 02 90			4127	1	
29 02 90			4128	35	
31 02 90			4129	65	
03 08 90			4131	75	
06 08 90			4132	50	
10 08 90			4134	2	
20 08 90			4134	4	
22 08 90			4134	6	
23 08 90			4135	9	
24 08 90			4137	4	
01 09 90			4138	6	
02 09 90			4140	1	
06 09 90			4141	2	
07 09 90			4142	5	
27 09 90			4143	1	
29 09 90			4147	2	
30 09 90			4148	3	
02 10 90			4148	9	
03 10 90			4149	8	
05 10 90			4150	0	
08 10 90			4150	3	
14 10 90			4150	8	
17 10 90			4152	0	
30 10 90			4153	2	
18 11 90			4161	95	
24 11 90			4164	5	
			4166	0	
ANNUAL INSPECTION CARRIED OUT IN ACCORDANCE WITH APPENDIX A: COMPASS SWING.					
CARRIED FORWARD					

[illegible]

AIR TIME AND

ENGINEERING RECORD

DATE	DAILY TOTAL		HRS. MIN.	HRS. MIN.	BROUGHT FORWARD
	TOTAL	TIME SINCE MFG.			

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

08 01 91	10	41 07 7			
09 02 91	10	41 08 7			
10 02 91	95	41 09 7			
11 02 91	95	41 10 7			
12 02 91	8	41 11 5			
09 12 90	8	41 12 3			
06 01 90	7	41 13 0			
03 02 90	5	41 13 5			
03 03 90	6	41 14 1			
04 03 90	9	41 15 0			
05 02 90	9	41 15 9			
07 02 90	16	41 17 5			
08 03 90	33	41 19 8			
07 03 91					
05 03 91	3	41 20 1			
06 03 91	10	41 21 1			
08 03 91	3	41 21 4			
8 03 91	20	41 23 4			
8 03 91	25	41 25 9			
9 03 91	27	41 28 6			
15 03 91	375	41 29 35			
15 03 91	35	41 29 85			
16 03 91	9	41 29 75			
17 03 91	10	41 29 8			
14 03 91	8	41 28 6			
14 03 91	8	41 29 4			
04 03 91	3	41 29 7			
05 04 91	30	41 30 7			
06 04 91	35	41 30 2			
4506 8					
4506 9					
4506 9					
4506 9					
May 13, 1991					
May 13, 1991					

Oil changed, filter changed, Grease
 wheel cylinder & pump replaced, #3

INSPECTION, REPAIRS & REPLACEMENT
 ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE	LICENCE NUMBER
-----------	----------------

15050 valve, all brake lining replaced
 normal valve gears replaced

normal valve & cylinder

Normal valve
 1. New normal valve, good
 2. Normal valve & found OK

CARRIED FORWARD

AIR TIME AND

ENGINEERING RECORD

ENGINEERING RECORD
NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE
LICENCE NUMBER

DATE
DAILY
TOTAL
TIME SINCE
TOTAL AIR
TIME SINCE
MFG.

HRS. MIN. HRS. MIN.

BROUGHT FORWARD

18 05 91
20 05 91
21 06 91
24 06 91
26 06 91
27 06 91
28 06 91
29 06 91
31 06 91
01 07 91
02 07 91
03 07 91
04 07 91
05 07 91
06 07 91
07 07 91
08 07 91
09 07 91
10 07 91
11 07 91
12 07 91
13 07 91
14 07 91
15 07 91
16 07 91
17 07 91
18 07 91
19 07 91
20 07 91
21 07 91
22 07 91
23 07 91
24 07 91
25 07 91
26 07 91
27 07 91
28 07 91
29 07 91
30 07 91
31 07 91

① New oil drain down installed * 30g
② New nozzles down against unit * 30g
③ New nozzles installed * 1 nozzle down
④ Engine oil & oil filter changed 1500

CARRIED FORWARD

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

[illegible]

REVIS TASKED + CHECKED

INDICATOR SENT OUT FOR SPRINGING - RADIOS

11/11/91
TWX 810-744-3450
032 U.S.A.
112R226L

AIR TIME AND

ING RECORD

DATE	DAILY TOTAL		TOTAL AIR TIME		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED
JAN 23/92			4247	4	02 MARK CKT 32938 RECERTIFIED
					03 COMPASS SWING CARRIED OUT
					04 DAMAGED FUSELAGE SIDE STRIKERS
					05 NEW MANUFACTURED STRIKERS INSTALLED
					06 DAMAGED PROP SPINNER ADAPTER REPLACED
					07 MAIN LANDING GEAR BUNGERS REPLENISHED
					08 1000 HR INSPECTION CARRIED OUT ON
					09 STABILATOR TORQUE TUBE BOLT REBOLTED
					10 TAIL FIN SPAR + STRAP BSSY INSPECTED
					11 DUAL INSPECTION CARRIED OUT ON MAINTENANCE
			4247	4	12 ANNUAL INSPECTION CARRIED OUT
FEB 2/92					
FEB 10	1	5	4248	2	
FEB 17	1	0	4250	1	
MAR 1			4250	7	
					X U AVIATION LTD. C.O.D. # 2692
					143 Aviation Lane
					London, Ontario
					X U AVIATION LTD.
					D.O.T. approval #24-88
					Canada NSV 329
17 06 92	4		4251	1	
18 06 92	3	2	4254	3	
20 06 92	3	0	4257	3	
21 06 92	4		4257	9	
					CARRIED FORWARD

KOSOLA & ASSOCIATES, INC.
5601 NEWTON ROAD P.O. BOX 3529
ALBANY, GEORGIA, 31706 USA 912-435-4119

F.A.A. APPROVED REPAIR STATION NO. HEAR229M

SERVICEABLE TAG

ENGINE MOUNT

SER. NO. K9355-00

PART NO. 24815-00

PART NAME Engine mount

DATE 5/12/92

W/O 19355

ENTRIES, DRAW	SIGNATURE	LICENCE NUMBER
REMOVED		
WITH SERIAL		
AS PER A		
LANDING		
AS PER AD		
AS PER AD		
ENGINE + FL		
AS PER AIR		
- ENGINE MOUNT REMOVED AND REINSTALLED		
AFTER MOUNT REPAIRED BY KOSOLA & ASSOCIATES INC.		
- NEW ENGINE VIBRATION ISOLATORS USED WHEN		
ENGINE INSTALLED		
INDEPENDENT CHECK OF		
ENGINE CONTROLS		
The maintenance described above has been performed in accordance with the applicable standards of airworthiness.		
C.W. EAVES/INVT		
M 127215		
2		
571 APPENDIX A		
The maintenance described above has been performed in accordance with the applicable standards of airworthiness.		
COLLIMWOOD LIMITED		
W06220		
W06220		

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			4257	9	
27 06 92	1	3	4259	2	
28 06 92	1	2	4260	4	
05 07 92	1	0	4261	4	
10 07 92	1	3	4262	7	
11 07 92	1	5	4264	2	
18 07 92	1	5	4265	7	
19 07 92	1	5	4267	2	
22 07 92	3	1	4270	3	
25 07 92	3	6	4273	9	
29 07 92	1	2	4275	1	
04 08 92	1	3	4276	4	
10 08 92		8	4277	2	
11 08 92	1	5	4278	7	
22 08 92	1	3	4280	0	
23 08 92	1	5	4281	5	
24 08 92	3	0	4284	5	
31 08 92	4	3	4288	8	
11 10 92		5	4289	3	
12 10 92		4	4289	7	
25 10 92		8	4290	6	
01 11 92		6	4291	1	
06 11 92		5	4291	6	
14 11 92	1	0	4292	6	
24 11 92		5	4293	1	
28 11 92		5	4293	6	
14 05 93					ANNUAL INSPECTION CARRIED OUT IN ACCORDANCE WITH PROPELLER INSPECTION IN HW APM 571-163-2 LININGS INSTALLED, NEW LH MAIN TIRE M
12 06 93	REMOVED ARGON LOZAN				INSTALLED A GARMIN GPS 150 AND SYS IN ITS INSTALLED A TERRA TDF 100D RECVR, TD STORMSCOPE WX 900 SYSTEM. SEE FAA FORM 336 REVISED NEW EW > 1918, 22
					CARRIED FORWARD EJCGG = 84.02

Box 274 Brantford, Ontario

Nomenclature ELT
 Manufacturer Garco Model ELT 10
 Part # _____ Ser # 32938
 Work Order # 6563 Total Time _____
 Overhaul ☐ Repair ☐ Modification ☐ Tested ☒ Inspected ☐
 Previous Certification N-12-46
 The maintenance described has been performed in accordance with applicable standards of airworthiness
 Date 03/26/03 Authorized Inspector [Signature] Loc Stamp # 

MAINTENANCE BEI EASE

WITH THE AIRWORTHINESS MANUAL CHAPTER 571 APPENDIX "A"
LEAVANI AVIATION & REINSTALLED, NEW RATE DUEL &
D, ELT RECOGNITION COMPAIS SWING

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

PLACE. REMOVED A KING KR85 ADF SYSTEM AND
10 INDICATOR & TA 10 ANTENNA. INSTALLED A BFG
THIS DATE. WEIGHT & BALANCE/EQUIP LIST HAS BEEN

FOR AVIATION ELECTRONICS INC

CZS UT 5R 261 N

AIR TIME AND

ENGINEERING RECORD

[illegible]

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
NSD 360A SLAVED COMPASS SYSTEM AND A SEE FAA FORM 337 THIS DATE. WEIGHT & BAL/EQUIP	<i>James J. Gaudet</i> FOR AVIATION ELECTRONICS INC. CRS UT 512261N	
Aviation Electronics Inc. Hanscom Field, Bedford, Mass. Date <u>9/3/94</u> Tech <u> </u> I certify that altimeter and static system tests have been performed in accordance with FAA Part 91.411 Altimeter(s) tested to <u>1000</u> feet LH Altimeter O/N <u> </u> date <u> </u> RH Altimeter O/N <u> </u> date <u> </u> <i>James J. Gaudet</i> for CRS UT512261N	AVIATION ELECTRONICS INC. HANSCOM FIELD, BEDFORD, MASS. THIS TRANSPONDER SYSTEM HAS BEEN TESTED IN ACCORDANCE WITH 91.413, 91.217 AND APPENDIX F PART 43, F.A.R.S. AND FOUND TO COMPLY. DATE <u>9/3/94</u> <i>James J. Gaudet</i> for CRS UT512261N	
Aircraft cleaned + lubed IAW insp. guide panels bracket Secured RR inbd. seat track w/new minuts screws		
83302-40		
600 X 6 X 6 + inflate to 42 psi.		
This <u>Airframe</u> has been inspected in accordance with a (u) <u>Normal</u> inspection and has been determined to be in air-worthy condition. Inspection details are on file at this facility under Work Order Number <u>5072</u> <u>44214</u> Signature <u><i>James J. Gaudet</i></u> for CRS RF0163N Date Released <u>4/15/94</u>		

OUTSIDE INSPECTION UNIT - HANSCOM
HANSFIELD
BEDFORD MA 01730

ELECTROSYSTEMS, INC.

WARRANTY DATA CARD

The following information must be supplied when requesting warranty consideration.

Model VSF 7203S 007154

DATE INSTALLED 5-27-94

DATE REMOVED

TACH TIME 4436.79

TACH TIME

OWNER'S NAME William Brown

ADDRESS 1008 Beacon St.

Norton MA 02159

ONE, INC.

ATLANTA, GEORGIA 30336
82D 404-691-1900

ABLE

☒ O/H☐ Repaired

NATOR

S/N 7E000064

DATE 12-1-92

N C-FKAT S/N

5-27-94

W.O.# 5615

DATE INSTALLED

5-27-94

INSTALLED BY

United Beechcraft CRS RF5R169N

1038

LAWRENCE GREENWOOD 22381

06 14 94

4449.5

Completed the following maint. -

- 1) Removed oil filter + inspect for metal added 2 qts. Aeroshell 15W 50 oil
- 2) Repaired elec. trim motor by soldering
- 3) Repaired index tab on rotary fuel selector
- 4) Removed exhaust system, re-surfaced cyl. re-install exhaust Replaced all valve covers

07 29 94

4459.16

Removed + replaced fuel selector switch

CORD
AS REQUIRED FOR COMPLETEregulator VSF 7203S
for ALX 8403R
to 14.25V System

ops ch good

particles - none found Replaced w/ CH 48110 +
Rex A/C - leak ch good
wires on servo motor. System ops ch good
switch. - Ops ch several times. Sw. + gauges - OK
exhaust ports, install new studs, gaskets + hardware
gaskets due to removal. Did run up leak ch. good

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

UNITED BEECHCRAFT, INC. - HANSCOM

Bedford, MA 01730

CRS RF5R169N

Work Order Number 5673-4

Signature Michael J. Fisher

HOBBS

TTAF 4436.79

UNITED BEECHCRAFT, INC. - HANSCOM

Bedford, MA 01730

CRS RF5R169N

Work Order Number 5723-

Signature Michael J. Fisher

HOBBS

TTAF 4449.5

22843-00 Ops + func. chs good

Michael J. Fisher
RF5R169N

CARRIED FORWARD

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	
02 24 95			4489	5	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE Completed the following maint. - C/W Annual insp. IAW Piper guide 1) Repaired R. cowl flap actuator bracket 2) Replaced L+R nose steering rod boots 3) Repaired aft nav lite wiring - ops ch good 4) Repaired cabin fuselage skin near door latch 5) Replaced pilot + co-pilots' yoke slides 6) C/W ELT insp. IAW FAR 91.207 7) Replaced left wing L/E strips P/N 21705-00 8) Removed LH main gear door, fabricated outside door C/W gear swing + edge as requir. 9) Removed RH main gear door, fabricated outside wheel well stiffener w/ sheet metal doubler, replaced door C/W gear swing + edge as requir. 10) Replaced L+R M/L/G bungee chords as 11) Replaced NLG L fwd hinge bracket w/ 12) Replaced NLG R fwd hinge assy 28198- 13) Replaced L+R vent window seals 14) Removed A/C registration number + install C/W AD 74-13-03 by replacement of C/W AD 75-12-06 by visual insp of C/W AD 76-07-12 by oper. ch of body C/W AD 77-13-21 par. (b) by replacement C/W AD 94-13-10 by visual insp.

"I find that the aircraft meets the requirements for the certification requested and have issued a Standard Airworthiness Certificate dated 2-24-95."

The next inspection is due 100 flying hours or 2-23-96 whichever comes first.

Raymond E. Gonzalez
Raymond E. Gonzalez, DAR-37-AC-NE

CARRIED FORWARD

GRALEN X

100 Service Road
Gloucester, Ontario
Canada K1V 9B4
Telephone (513) 737-3788

D.O.T. APPROVAL NO

1-84

Nomenclature: TRANSPONDER
Manufacturer: KING Type/Model: KT-76A
Part No.: 666-1062-00 Serial No.: 8536
Total Time: 1396 Work Order: 1396

Overhaul ☐ Repair ☒ Modification ☐ Removal ☐
Previous Certification: Renovated for work under Gralen
WOT

The maintenance described has been performed in accordance with the applicable standards of airworthiness.

30 June 95
DATE NAME OF AUTHORIZED INSPECTOR

Details of outstanding work and other information on reverse



MAINTENANCE RELEASE

230 203 A/C
attach pt w/ sheet
P/N 21378-00

w/ sheet metal repair
P/N 45538-00 (600)

sheet metal repair, replaced hinge 21065-12, re-installed

sheet metal repair, replaced hinge 21065-12, repaired
actuator rod ends 131553-4 m (2ea), re-installed

requir. by AD 77-13-21 Next replace due Jan 98
used serviceable bracket removed from R. fwd hinge assy
C/W gear swing - door fit + ops ch good

new U.S. registration number N 938 KT

L+R horiz. stab. torque tube bolts AN 4-32A Next insp. due 4989 or 2/98

vert. fin fwd attach pt. - no defects noted Next insp. due 2/98

mag sw. - no defects noted Next insp. due 4589 Tach Time

of bungee chords Next replace due 1/98

no defects Next insp. due 4589 hrs

This Aircraft has been inspected in accordance with a (u) Annual inspection and has been determined to be in airworthy condition. Inspection details are on file at this facility under Work Order Number 4680. Total Time 4489.5

Signature: *Michael J. Miller*
for CRSI REPRESENTATION
Date Released Feb 24, 1995

230203

upl felts 154-004 + 154-005
10 April 98
facts noted
stab. attach bolts - no defects noted Next insp due @ 4659 hrs
vest fin attach angle - no defects noted Next insp due @ 4659 hrs
mag sw. - no defects noted Next insp due @ 4659 hrs
bungee chords - no defects noted Insp due @ 2a. Annual
maint logs for listing + compliance record.

SAWTEON AIRCRAFT SERVICES
HANSCOM FIELD
BEDFORD, MA 01730

This aircraft has been inspected in accordance with a(n) Annual inspection and has been determined to be in airworthy condition. Inspection details are on file at this facility under Work Order Number 6507 4559.17.
Signature Michael [illegible]
for CRS AFM1000
Date Released Mar 1, 1996

This aircraft has been inspected in accordance with a(n) Annual inspection and has been determined to be in air-worthy condition. Inspection details are on file at this facility under Work Order Number 6519 TAD 4557.17
Signature Michael W. Baker
for CNA Aviation
Date Released Mar. 1, 1996

ANTHEON AIRCRAFT SERVICES
HANSCOM FIELD
ROSFORD, MA 01730

Aviation Electronics Inc.

PRESSURE-ALTITUDE DIFFERENCE

		DIFFER.
28.10	-1727	-1730
28.50	-1340	-1320
29.00	-863	-850
29.50	-392	-370
29.92	0	0
30.50	531	530
30.90	893	885
30.99	974	960

AVIATION ELECTRONICS INC.
Hanscom Field Bedford, Mass.

Hanscom Field Bedford, Mass. 01730
(617) 351-1111

(617) 274-7070

F.A.A. CRS # UT5R261N

SERVICEABLE

Mfg **AEROSONIC** System **ALTIMETER**
Unit **01627-016964** Ser. No. **0117014**
The component identified above was
accordance with

The component identified above was repaired and inspected in accordance with current Regulations of the FAA and is approved for return to service. Pertinent details of the repair are on file at this repair station under:

WFO No. 24279 Date 8/15/97
Inst. 8/15/97 N. 938 KT
Customer WILLIAM BROWN

AEI FORM NO. 003

ENGINEERING RECORD

LICENCE NUMBER

SIGNATURE

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

230 203 Replaced noc. ago. filter B3-5-1 and
14W P per w/m. Removed main fuel governor -
14G 14W P per w/m. Replaced A/C battery, 14W P per w/m.
10-357200-1 S/N-L 0396H Replaced good for tail
also - 14W P. Installed all new nut lock hardware +
placed pilot lum. harness upper + bot. bushings 452 376
replaced + opa. cl. good. Replaced R-M-G door attack
Replaced 3aa. fuel tank cover gaskets 20327-03.
tuto - 14W P per w/m. 14W P per w/m. 600x6x8 Felt II
Replaced At. Tue. w/ Gerdysar 600x6x8 Felt II
+ ne-greased all wheel bearings. Replaced 2aa.
Adjusted A+R M-G doors. Replaced Mat. Tum
drag knee attack pt. bushing + bolt - AN 8-34
hardware AN 4-34, AN 960 C-414L + AN 936 A-416 (14aa).

C32A bolts This AD no longer applies

next. for attack angles. No defects noted Due aa. 100 fus.
longer take attack bolts. - No defects noted ~~Due aa. 100 fus.~~
check - OK. Pan (a) due @ 5247 fus. Pan (c) due 4989 m [2/98]

defects noted Due aa. 100 fus. with Kit # 760 835 installed.
adherence due 22512-00 Next due @ 56294 TAT

This AD no longer applies
w/ Bracket 4105 assy. This AD no longer applies.

image. in accord w/ an Annual Inspection + work
condition. See Maint logs for AD history + compl. record.
32442909 I-4

AIR TIME AND

ENGINEERING RECORD
NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

Completed the following maint. on this date -
29-18-1. Cleaned + lubed airframe and
cleaned, staked + retightened, M-units + engine -
14W 91.207 (A) Replaced Magneto Switch
new lts - opa cl good. Replaced drive
steps - 2aa. 18318-00 and 4aa. 18842. Re-
and linkages. bolts AN 4-12A (2aa) R-M-G
bolt. 24819-00 clw gear screw + washers.
Reformed 4/G preform, nutsert + wing.
Reformed, cleaned + re-paint all wheels.
Replaced all bolts. Rings w/ new. Cleaned
for good and and RHM 3. Replaced R-M-G
Re-placed RH nut. fuel cell access plate

AD 74-13-03 clw by install. of AN174 -
AD 75-12-06 clw by removal imp. of
AD 75-27-08 clw by removal imp. of nut.
AD 77-13-21 clw per (b) by no. imp. of hinge
AD 94-13-10 clw per (a) by no. imp. - No
AD 97-01-01 clw by replace. of A+R MAF
AD 76-07-12 clw by Magneto sw. replace.
AD 84-26-02 clw by Air Filter replace.

I certify that this Aircraft has been
found to be in conformity
CARRIED FORWARD

Aug 15, 1997
DATE
HRS. MIN.
DAILY TOTAL
TOTAL AIR
TIME SINCE
MFG.

4629 43

FORWART

ENGINEERING RECORD

REPLACE ELT BATTERY BY:
FEB 00

INSPECTION, REPAIRS & REPLACEMENT

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

AIR TIME AND

ENGINEERING RECORD
NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

DATE	DAILY TOTAL	TOTAL AIR TIME SINCE MFG.	HRS.	MIN.	HRS.	MIN.
4-18-98						
2-25-98			4655	31		
2-28-98			4659	3		
4-18-98			4659	24		

MAINTENANCE RELEASE

THE APPLANCE IDENTIFIED ON THE REVERSE SIDE WAS OVERHAULED AND INSPECTED
IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINI-
STATION AND IS APPROVED FOR RETURN TO SERVICE

PLATMENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER THE
WORK ORDER #0722

SIGNED *Wanda J. [Signature]* DATE 3-30-98

FOR CENTURY INSTRUMENT CORPORATION

4440 SOUTHEAST BOULEVARD

WICHITA, KS 67210

CERTIFICATED REPAIR STATION NO T12R189L

FORM 12

5/N 29997 From Cushing Instrument Corporation
Back Cover. Operational Check Satisfactory.
Check OK. Remove Aircraft from Jaws.
Remove Tachometer. Remove
is Comanche 4586 with
Satisfactory. Reinstall
in Handle Cover.
Needs to be changed
with New. Operational
w. Operational Check
in Band Brake
w. Springs. Put Master
Right Pilot Brake
Tip Operational
Removed Left Wing
To Stroke Power Supply. Operational check of Stroke
Tip. Replaced Landing Light with New CE 4509
check of Landing Light Satisfactory. Removed
Master Cylinder. Brake Down Cylinders, Inspected,
Cylinder Back Together And Installed in Aircraft.
System After Replacing Right Brake Caliper
Satisfactory. No Leaks At This Time. Replaced
Check Satisfactory. Removed And Replaced ELT
Again Feb. 2000 Operational Check Satisfactory.
Readjusted Manual Trim Indicator. Installed Cover
Broken Wires At Electric Trim Servo And
New. Operational Check of Electric Trim Satisfactory.
MFR Gauge. Installed Overhaul Map Gauge #106111
SPR # T12R189L. Put Tachometer Back in. Installed
Repacked Main Landing Gear Doors. Fit And Fair

William J. [Signature] 28447758 APR.

ENGINEERING RECORD

BROUGHT
FORWARD

AIR REPAIR, INC.

September 03, 1998 N938KT 100 HR / ANNUAL INSPECTION
TACH & ACTT: 4698.1 Hrs.

ON THIS DATE A 100HR / ANNUAL INSPECTION WAS COMPLETED USING PIPER INSPECTION GUIDE. ALL NORMAL SERVICE WAS PERFORMED AT THIS TIME ALONG WITH THE FOLLOWING WORK: INSTALLED EDM-700 ENGINE ANALYZER PER STC SA2586NM INSTRUCTIONS; INSTALLED 10@ STATIC DISCHARGE WICKS; INSTALLED REPLACEMENT MASTER RELAY; RESEALED WINDSHIELD; REPLACED INDUCTION AIR FILTER; ADs CHECK THRU REVISION 98-18 SEE AD NOTE COMPLIANCE SHEET FOR COMPLETE LISTING OF ADs C/W AND OR P/C/W. THIS AIRCRAFT WAS INSPECTED I/A/W A 100HR / ANNUAL INSPECTION AND AT THIS TIME WAS FOUND TO BE IN AIRWORTHY CONDITION AND OK FOR FURTHER OPERATIONS.

[illegible]

AIR REPAIR, INC.

Date: SEPTEMBER 03,1998 A/C Reg# N938KT Tack/Hobbs: 4698.1 Hrs.
ELI Was **Functionally Tested** On This Date And Was Found To Meet The Requirements Of FAR
91.207 PAR. D(1),(2),(3),(4). Battery Replacement Date 02 / 2000
TEKLY B. RITTER >>
AP266968980IA >>>

CARRIED FORWARD

Airworthiness Directives Compliance Report - Chronologically

86/4/98

Registration Number: N938KT

	<u>Make</u>	<u>Model</u>	<u>Serial No.</u>
Airframe:	Piper	PA-24-260	24-4886
Engines:	Textron Lycoming	IO-540	L-2537-48
Propellers:	Hartzell	HC-E2	DK-310

75-12-06 Amendment Number 39-2227
Subject: Fin forward spar
Effective Date: 06/05/75
Compliance Date/Hrs.: 09-03-98 TACK: 4698.1 Hrs.
Next Due Date/Hrs.: TACK: 4798.1 Hrs.

Certificate Number: AP2669689801A Signature:
Notes:
REINSPECT @100 Hrs.

76-07-12 Amendment Number 39-2575
Subject: Bendix switches
Effective Date: 04/14/76
Compliance Date/Hrs.: 09-03-98 TACK: 4698.1 Hrs.
Next Due Date/Hrs.: TACK: 4798.1 Hrs.

Certificate Number: AP2669689801A Signature:
Notes:
REINSPECT @100 Hrs.

77-13-21 Amendment Number 39-2946
Subject: Prevent Landing gear collapse
Effective Date: 12/16/77
Compliance Date/Hrs.: 09-03-98 TACK: 4698.1 Hrs.
Next Due Date/Hrs.: PER AD NOTE

Certificate Number: AP266968980LA Signature:
Notes:

93-02-05 Amendment Number 39-848
Subject: Fuel Injection lines
Effective Date: 06/14/93
Compliance Date/Hrs.: 09-03-98 TACK: 4698.1 Hrs.
Next Due Date/Hrs.: TACK: 4798.1 Hrs.

Certificate Number: AP2669689801A Signature
Notes:
REINSPECT @ 100Hrs.

Recurring: Yes
Supersedes: N/A
Superseded By: N/A

Compliance Method:
INSPECTED V/A/W AD NOTE

Recurring: Yes
Supersedes: N/A
Superseded By: N/A

Compliance Method:
INSPECTED I/A/W AD NOTE OPES CHECKED NORMAL

Recurring: Yes
Superseded: No
Superseded By: No

Compliance Method:
REINSPECT PER PAR (A) @ 1000 Hrs. REINSPECT PER PAR (B)
@ 500 Hrs.

Recurring: Y
Supervised: N
Supervised By: N

Compliance Method:
INSPECTED I/AW AD NOTE

Airworthiness Directives Compliance Report - Chronologically

9/ 4/98

Registration Number: N938KT

	<u>Make</u>	<u>Model</u>	<u>Serial No.</u>
Airframe:	Piper	PA-24-260	24-4886
Engines:	Textron Lycoming	IO-540	L-2537-48
Propellers:	Hartzell	HC-E2	DK-310

94-13-10	Amendment Number 39-1870
Subject:	Hi-Shear rivets
Effective Date:	08/12/94
Compliance Date/Hrs.:	09-03-98 TACK: 4698.1 Hrs.
Next Due Date/Hrs.:	TACK: 4798.1 Hrs.

Certificate Number: AP266968980LA Signature:
Notes:
REINSPECT @ 100 Hrs.

Recurring:	Yes
Supersedes:	74-130
Superseded By:	N/A

Compliance Method:
INSPECTED I/A/W AD NOTE PER PAR 'A'

INSPECTION, REPAIRS & REPLACEMENT		SIGNATURE	LICENCE NUMBER
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.			

[illegible]

FLA. AIRCRAFT INSTRUMENTS, INC. Repair Station
Municipal Airport No. OY4R431M
Leesburg, Florida

Model 1C50B-1-529P Serial No. 9404A
Type Final Accelerator Mfg. Edo-AIRE
Customer Tom Lauber

☐ Calibrate ☐ Check ☐ Certified to FAR 43
☒ Repair ☐ Overhaul Appen. E. _____ Ft.

T.S.O. _____ TTIS _____
Work Order No. 8362-4 Date 12/30/98
Mechanic [Signature] Inspector [Signature]

CARRIED FORWARD

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	

BROUGHT
FORWARD

AIR REPAIR, INC.

April 22, 1999 N938KT TACK: 4823.5 Hrs.
ON THIS DATE COMPLETED THE FOLLOWING WORK: DUE TO WEAR REPLACED LT & RT LANDING GEAR BUNGEE SHOCK RINGS, PER AD 77-13-03 NEXT REPLACEMENT DUE DATE: 5323.5 Hrs. OR APRIL 2002. PERFORMED SEVERAL GEAR RETRACTIONS AND EMERGENCY EXTENSION SYSTEM CHECKED. DUE TO UNCONTROLLABLE VOLTAGE OUTPUT REPLACED VOLTAGE REGULATOR P/N VSF7203A AND OVERVOLTAGE SENSOR P/N OS75. ALTERNATOR OUT PUT CHECKED AND DID NOT EXCEED 14.5 VOLTS. IN REFERENCE TO WORK DESCRIBE ABOVE THIS AIRCRAFT IS AIRWORTHY AND OK FOR FURTHER FLIGHT.
TERRY B. RITTER
AP2669689801A

AIR REPAIR, INC.

MAY 12, 1999 N938KT TACH: 4857.6 Hrs.
CHANGED OIL AND FILTER USING 12 qts AERO SHELL W100 AND 1 @ CH48110 OIL FILTER. OIL SAMPLE TAKEN. ENGINE RUN UP NO LEAKS NOTED.
TERRY B. RITTER
AP2669689801A

1-4-2000 TACH TIME 4887.22 HRS. ANNUAL INSPECTION. INSPECTED IN ACCORDANCE WITH PAPER COMMANDER INSPECTION REPORT. Q/W AD 91-207 (91-242) PAID ON ELT-10 P/N 33999 BATTERY DUE FEB 00, INSPECTION DUE AGAIN WITH IN 12 MONTHS. Q/W AD 75-12-06 (39-2207) FWD FINS PAR CHANNEL - PAR A DUE AGAIN AT TACH TIME 4987.22 HRS. Q/W AD 77-13-21 (39-2683) LANDING GEAR INSPECTION PAR C, DUE AGAIN BY TACH TIME 5387.32 HRS OR BEFORE 1-4-2001, PAR A IS DUE AT TACH TIME 5847 HRS, PAR B IS DUE AT TACH TIME 5323.5 HRS OR BY 4/2002. Q/W AD 94-13-10 (39-8951) STABILIZER DRIVE TUBE - PAR A, DUE AGAIN AT TACH TIME 4987.22. AD 92-01-01 R1 (39-10364) M.L.G. SIDE BRACE INSPECTION IS DUE AT TACH TIME 5829.4 HRS. Q/W AD 93-02-05 (39-3467) INSPECTOR LINE INSPECTION, DUE AGAIN AT NEXT 1000 HRS/ANNUAL INSPECTION. Q/W AD 76-07-17 (39-3024) IGNITION SUITS - CP'S OK, DUE AGAIN AT TACH TIME 4987.22 HRS. AD 98-17-116 (39-10725) CRANK SHAFT FAILURE - N/A NO REPAIR NEEDED. AD 98-18-12 (39-11057) ROTARY FUEL PUMPS - N/A PART NOT INSTALLED. AD 99-05-09 (3-19-99) AIRLITERS - N/A THE BLACKHAT AIR FILTERS INSTALLED - REPLACED 3 FUEL CAP P/N 554-180. REPLACED FUEL STRAINER VALVE P/N 4P2063. REPLACED FUEL - ANNUAL CONTINUED NEXT PAGE

INSPECTION, REPAIRS & REPLACEMENT ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
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1-4-2000 TACH TIME 4887.22 HRS - ANNUAL INSPECTION CONTINUED. SOLUTION SWITCH P/N 487-841. RELEASED FUEL SCREEN SWAP RING 484-728. REPLACED FUEL SUMP P/N 22034-000. CLEANED FUEL SCREEN. CLEANED AND REPAIRED VISIT MAIN WIND BOWING. COUNTED 337 FROM TO SHOW STL SA 180630 NOSE TIE CHANGE TO A 15X6.00 X 6ply TIRE INSTALLED ON 12-9-93 TACH TIME 4753.4 HRS. (SEE LOG) RESEALED NOSE AND MAIN STRUTS KIT P/N GK3 (360). REPLACED BOWING LINK BUSHINGS 30 BUSHES ON NOSE MAIN GEARS P/N 402-313, 402-344, 452-366, 402-345, 20232-002. REPAIR ON AIR FILTER P/N RA485. REPLACED FUEL HOSES UNDER FLOOR P/N 111504-630081, 111504-630102, 111417-630136. REPAIRED AIR DUCT TO CHAB. REPAIR FUEL PUMP SHAWND - RETRACTION TEST COMPLETED WITH. REPLACED BATTERY CABLE AS 2759/16-2 FROM BATTERY BOX TO STARTER REAR. REPAIR HORN SUGGESTS LEFT SIDE. ENGINE RUN UP AND OPERATIONAL CHECKS COMPLETED WITH, NO OIL OR

1-14-00

Aircraft # N938KT

I certify that the altimeter, altitude reporting, an FAR 91.411 have been performed. The altimeter was tested to 20,000 feet on 1-14-00 tests required by FAR 91.413 have been performed to comply with Part 43, Appendix E & Aerosemic 101 627-1646L s/e King KT-76A 311 853 COLLEGE PARK AERO SERVICES, INC

Signature

ALTITUDE TEST CARD
Model No. Aerosemic Date 1-14-00
Serial No. 017014 Part # 01632-1696L

SCALE ERROR	Alt (ft) Tol (+/-)	Alt (ft) Tol (+/-)
-1000	-5	1400
-500	-2	1600
-250	-1	1800
-100	-0.5	2000
-50	-0.25	2200
-25	-0.125	2400
-10	-0.0625	2600
-5	-0.03125	2800
-2.5	-0.015625	3000
-1.25	-0.0078125	3200
-0.625	-0.00390625	3400
-0.3125	-0.001953125	3600
-0.15625	-0.0009765625	3800
-0.078125	-0.00048828125	4000
-0.0390625	-0.000244140625	4200
-0.01953125	-0.0001220703125	4400
-0.009765625	-0.00006103515625	4600
-0.0048828125	-0.000030517578125	4800
-0.00244140625	-0.0000152587890625	5000

Tolerance (+/-) 20.100

with N938KT-1A 11 4849.05

AIR TIME AND

ENGINEERING

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	

BROUGHT FORWARD

3-23-00 489191

R9R10 ELT-10 (S/N 32938) battery
Pack Complied with FAR 91.207
Battery due date April 2002
College Park Aero Service
CRS LIIR297K

COLLEGE PARK AERO SERVICES, INC. - CRS# LIIR297K

Aircraft N# N938KT T.T. 4887.22 Date: 01/08/00

Removed Altimatic IIIC autopilot and electric trim system and installed S-Tec System 55 Autopilot with autotrim and manual electric trim IAW STC SA09012AC-D. For details see WO# 8KT-9225 on file at College Park Aero Services, Inc.

Signature: [Signature]

COLLEGE PARK AERO SERVICES, INC. - CRS# LIIR297K
REG: N938KT Total Time: 4919.49 DATE: 02/16/01

ANNUAL INSPECTION: C/W FAR 91.207 (6-21-94) ELT inspection Par "D" on ELT-10 S/N 32938, battery exp 2/02, inspection due again within 12 mos. C/W AD 75-12-06 (39-2227, 6-5-75) fwd fin spar channel - Par "A", due again at TT 5019.49 hrs. C/W AD 77-13-21 (39-3093, 12-16-77) landing gear inspection Par C is due again within one year, Par A is due at TT 5247 hrs. Par B - replaced soft bungs P/N 31322-07. Replacement due again at TT 5419.49 or before Feb 2004. C/W AD 94-13-10 (39-8951, 8-12-94) stabilator torque tube Par A, due again at TT 5019.49 hrs. AD 97-01-01R (39-10864, 12-8-98) M.L.G. side brace inspection, due again at TT 5629.4 hrs. C/W AD 93-02-05 (39-8487, 6-14-93) injector line inspection, due again at next 100hr/annual inspection. C/W AD 76-07-12 (39-3024, 8-30-77) ign switches ops check - ok, due again at TT 5019.49 hrs. Replaced spinner bulkhead P/N 26313-00. Replaced steering bushings P/N 14976-012 and 14976-013 and bolts P/N 400-748. Replaced vacuum pump, new pump P/N 215CC S/N 10AT5702. Replaced cabin door seal P/N 187-506. Replaced alt mount bracket lockplate P/N 73383. Cleaned fuel screens, cleaned and repacked wheel bearings, retraction test C/W. Installed PV Aero shoulder harness kit under STC SA00484W1, see form 337. See WO# N928KT-4M on file this repair station. I certify this airframe has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Signature: [Signature]

CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DA

5-24-02 TACH 4934.9 Annual
C/W FAR 91.207 6-21-94 ELT
ON ELT-10 S/N 32938 replace
replace by Mar 04. C/W AD
fwd fin spar channel Par
39-8951 8-12-94 stabilator
C/W AD 76-07-12 39-3024
check. C/W AD 77-13-21
by inspection. Serviced Bath
cleaned fuel screens, repack
Removed landing gear motor
OH see yellow Tag webco H
info 4N272 p/n 25720-000
gear retraction test. I cer
been inspected in accordance
inspection and was det.
condition. PV Aero CA
COLLEGE PARK AERO S

05-22-02 TACH 4934.9
REMOVED TCM MX-170B NAVCOM. INSTALLED GARMIN ENS-930.
AND S-TEC ST-901 GPSS CONVERTER. 337's FILED.
HAROLD VON COLLEGE PARK AERO SERVICES CRS LIIR297K

COLLEGE PARK AERO SERVICES, INC. CRS LIIR297K
Aircraft N# 938KT Tach: 4935.01 WO# N438KT-4A
Altimeter: M/M PERKINS S/N 11701Y
Encoder: M/M S/N
Transponder: M/M KT70A S/N 8536

I certify that the altimeter, altitude reporting, and static systems tests required by FAR 91.411 have been performed. The altimeter and altitude reporting system was tested to 20000 feet on 5/24/02. I certify that the transponder tests required by FAR 91.413 have been performed. The above equipment was found to comply with Part 43, Appendix E & F.

Signature: [Signature] Date: 5/24/02

ALTIMETER TEST CARD
Model No. Perkins Date: 5/24/02
Serial No. 11701Y Part #

SCALE ERROR

Alt (ft)	Tol (+-ft)	Alt (ft)	Tol (+-ft)
-1000	-10 20	14000	+15 100
0	0 20	16000	0 110
500	+5 20	18000	+15 120
1000	+10 20	20000	+25 130
1500	+10 25	22000	+140
2000	+5 30	25000	+155
3000	+5 30	30000	+180
4000	+20 35	35000	+205
6000	+20 40	40000	+230
8000	+15 60	45000	+255
10000	+10 80	50000	+280
12000	+5 90		

Tolerance (+- ft)

Case Leak Test 60 100
Hysteresis Test:
First Test Point
(50% of Max Alt) 140 75
Second Test Point
(40% of Max Alt) 130 75
After Effect Test +15 30

COLLEGE PARK AERO SERVICES, INC.
6709 Cpl. Frank S. Scott Drive
College Park, MD 20740
FAA REPAIR STATION LIIR297K

1134 N. Oliver Rd./Hangar G
NEWTON, KANSAS 67114

Air Parts of Lock Haven, Inc.
 Hanger #3, Piper Airport
 Lock Haven, PA 17745
 570-748-0823 1-800-443-3117

FAA Approved Repair Station
 CRSNo. QKIR 429K

Customer Name Air Parts

W.O. No. 033480

Ser. No. 033480

Model AC

Part No. 20966-000

Part Name fuel sender

Remarks

Tag No. 033480

Date 1-21-02

Inspector Rock 2 INC

AIRFRAME N320JL

Date: 5/3/03

Installed pilot's seat, seat belts and seat stops. Inspected aircraft and found to be in a safe condition for a one time flight from Q08 to 40N in accordance with Special Flight Permit dated 5/2/2003.

Dutchland Aviation, Smoketown PA

Dennis L. Glick AP2015058101A

5/10/03 4968 84

Installed VOR antenna Part Number
 CI157P.

Rodney Steiner AP190627664

CARRIED FORWARD

ENGINEERING RECORD

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

changed from N938KT to N320JL.

Each reading: 4968.4 Total time: 4968.4
 moved corroded portion of battery box shelf and repaired with
 sheet. Painted repaired areas with epoxy primer. Reinstalled battery

bearings. Replaced 3 worn bearings and races in main gear

and on trim tab push rod with a new rod end pn 452-860
 aileron push rod.

aileron hinge bearings with new bearings pn 452-808.
 duty sending unit with an overhauled unit pn 20966-000 ser no 033480
 fuel cells with a new cells from floats & fuel cells pn 534 & 535.
 right wing in wing walk area as required.

Installed Airborne fitting pn 1K22-10-10 in vacuum line
 other aft for access to service regulator filter.
 LT inspection, no defects noted.
 side windows.

new unit, same weight.
 inspection showed that kit was previously installed, no further action

Inspection showed that placard was previously installed.
 ignition switch inspection, no defects noted.
 76a txp. not applicable by installed ser no (8536).
 inspection for defective seat belt, none noted.
 inspection in accordance with an Annual inspection and was
 The following list of discrepancies was forwarded to

old cover, carpet, gear motor cover and aft bulkhead
 ment.
 removed antenna - CI157P.

Dennis L. Glick AP2015058101A

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
 NUMBER

DATE:

5/29/2003 AC S/N: 24-4886

HOBBS :

W/O : 14597

REG #: N320JL

TTAF :

PAGE: 1 of 1

LANDINGS :

Inspected interior installation after work accomplished by Sierra
 Aircraft Interiors.

Seats and Sidepanels recovered

Fabric: Skagit Bay-03250 Canyon Gray lot #37114 Lab ID 5168

Leather: Aeronappa Sparrow Procedure #870406 test report #8385

Soundproofing: Test report Lab ID 5383

Headliner: Glacier test report #902502

Carpet: Invoice #CG341702 Dated 4/23/2003

I certify that this aircraft and or appliance identified above was
 repaired and inspected in accordance with current FAA Regulations
 and is approved for return to service. Pertinent details of this
 repair are on file at this repair station under work order # 14597
 dated 5/29/2003

Authorized Signature Philip C Smedley

JetDirect Aviation Repair Station #CCAR742C

1 Earhart Drive Coatesville, PA 19320 610-384-9000

AEROSERVICES, INC.

A/C NH: N320JL M/M: PA24-260 S/N:

REPLACED BATTERY, INSTALLED NEW G-
 ORIGINAL VOLTAGE REGULATOR VSF 720
 OVERVOLTAGE RELAY 0575-14 S/N 810027
 ZEFTRONICS VOLTAGE CONTROL P/N R15
 AND PAINTED INSIDE OF BATTERY BOX
 P/N 0107P4 S/N 10771A FOR REPAIRS. UNIT
 SEE YELLOW TAG DATED 10-10-03 W/O 32
 CHECKED OPERATION OF SERVO. FOR DI-
 ON FILE AT AEROSERVICES, INC.

SIGNATURE: RLH

ELECTROSYSTEMS, INC.

WARRANTY DATA CARD

The following information must be
 supplied when requesting warranty
 consideration.

ELK 2700 76052 5069

DATE INSTALLED 4-22-99 DATE REMOVED

TACH TIME 4823.5

OWNERS NAME

ADDRESS

PHONE

MAINTENANCE RELEASE

COMPONENT Pitch Servo SERIAL NO.

PART/MODEL NO. 0107-P4

☐ Overhaul ☒ Repair ☐ Inspected

The aircraft appliance identified above was overhauled,
 tested or is new as per block above in accordance with
 Aviation Administration Regulations and is approved.
 Details of this component are on file at this agency.

Work Order 32595 Date 10

Authorized Signature Kenneth W. P.

VSF7403A

VSF7203A

D INTERFA

ECO

REV

PLACEMENT

3/2/03

R TIME AND

TOTAL AIR
TIME SINCE
MFG.

HRS. MIN.

ENGINEERING RECORD

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

5/2/03 Registration number changed from N938KT to N320JL.

AIRFRAME: N320JL

Date: 5/2/03 Hourmeter or Tach reading: 4968.4 Total time: 4968.4

1. Removed battery box. Removed corroded portion of battery box shelf and repaired with same thickness (.032) alclad sheet. Painted repaired areas with epoxy primer. Reinstalled battery box and battery.

2. Cleaned and packed wheel bearings. Replaced 3 worn bearings and races in main gear wheels.

3. Replaced worn forward rod end on trim tab push rod with a new rod end pn 452-860.

4. Replaced aft rod end on right aileron push rod.

5. Replaced left and right inboard aileron hinge bearings with new bearings pn 452-808.

6. Replaced right main fuel quantity sending unit with an overhauled unit pn 20966-000 ser no 033480.

7. Replaced left and right main fuel cells with a new cells from Floats & Fuel Cells pn 534 & 535.

8. Replaced loose/worn rivets on right wing in wing walk area as required.

9. Replaced vacuum regulator filter. Installed Airborne fitting pn 1K22-10-10 in vacuum line at firewall relocated regulator further aft for access to service regulator filter.

10. Complied with FAR 91.207d E.L.T. inspection, no defects noted.

11. Resealed left and right forward side windows.

12. Replaced fire extinguisher with a new unit, same weight.

13. Complied with A.D. 79-20-10. Inspection showed that kit was previously installed, no further action required.

14. Complied with A.D. 85-02-05r1. Inspection showed that placard was previously installed.

15. Complied with A.D. 76-07-12 ignition switch inspection, no defects noted.

16. Complied with A.D. 98-14-10 KT76a txp, not applicable by installed ser no (8536).

17. Complied with A.D. 98-25-10r1 inspection for defective seat belt, none noted.

I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in unairworthy condition. The following list of discrepancies was forwarded to the owner.

a) Seats, seat belts, side panels, glareshield cover, carpet, gear motor cover and aft bulkhead access cover are removed for refurbishment.

b) VOR antenna not installed. Part number of removed antenna - C1157P.

Dutchland Aviation, Smoketown PA

Dennis L. Glick AP2015058101A

AIRFRAME N320JL

Date: 5/3/03

Installed pilot's seat, seat belts and seat stops. Inspected aircraft and found to be in a safe condition for a one time flight from Q08 to 40N in accordance with Special Flight Permit dated 5/2/2003.

Dutchland Aviation, Smoketown PA

Dennis L. Glick AP2015058101A

5/10/03

4968.84

Installed VOR antenna Part Number
C1157P.

Rodrigo Steiner AP190627664

CARRIED FORWARD



LOG ENTRY

The following aircraft has been refinished by Lancaster Aero Refinishers, Inc.

Date of completion: 28 Apr 03 LA JOB # 2021Aircraft Make: Piper Model: PA24-260 Reg. No: N 320JLOwner: John LauberConversion coating: Alu-etch; Etch conversion Mfg: EldoradoPrimary primer: CMO560564 Epoxy Mfg: Sherwin WilliamsSecondary primer: N/A Mfg: Base Color: Vestal White 00361 Mfg: SWTrim Color #1: Midnight Blue 00311 Mfg: SWTrim Color #2: Commando Red 07495 Mfg: SWTrim Color #3: N/A Mfg: Clear Coating: SLC 2100 Mfg: SLCAircraft: PA 24-260 Reg. No. N 320JL Serial No. 24-4886

Removed control surfaces during aircraft strip and repaint.
Balanced and reinstalled controls IAW maintenance manual. All ops
check OK. Changed registration number from N938KT to N320JL.
End.

Rodrigo Steiner
Authorized Signature

AP190627664
License No.

4.25-03
Date of Entry

311 Airport Drive • Smoketown • Pennsylvania 17576
(717) 394-5805 • FAX (717) 509-5257 • TOLL FREE (877) 574-5422
e-mail: lanaero@aol.com

DATE	DAILY TOTAL	TOTAL AIR TIME SINCE MFG.	ENGINEERING RECORD
NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE			

ALTIMETER TEST CARD

Model No. Personak Date 6/16/04
 Serial No. CH-2014 Part # 101627-10462

SCALE ERROR

Alt (ft)	Tol (+-ft)	Alt (ft)	Tol (+-ft)
-1000	-20	20	14000
0	0	20	16000
500	+10	20	18000
1000	+10	20	20000
1500	+15	25	22000
2000	+20	30	25000
3000	+20	30	30000
4000	+25	35	35000
6000	+30	40	40000
8000	+40	60	45000
10000	+40	80	50000
12000	+40	90	

AEROSERVICES, INC. CRS LIIR297K

Aircraft N# N320JLT.T. 4985.4

I certify that the altimeter, altitude reporting, and static systems tests required by FAR 91.411 have been performed. The altimeter and altitude reporting system was tested to 20,000 feet on 6/16/04. I certify that the transponder tests required by FAR 91.413 have been performed. The above equipment was found to comply with Part 93, Appendix E & F.

Signature: [Signature]Date 6/16/04

AEROSERVICES, INC. CRS: LIIR297K

A/C N# N320JL MODEL: PA24-260 S/N: 244886TACH: 4985.44

ANNUAL INSPECTION IAW FAR 43 APPENDIX D C/W FAR 91.207 (6-21-94) AR D ELT-10 S/N 32938. REPLACED BATTERY BP-1010 DUE MAY 06. INSPECTION DUE AGAIN WITHIN 12 MONTHS. C/W AD 75-12-06 (39-2227, 5-75) FORWARD FIN SPAR CHANNEL - PAR A, DUE AGAIN AT TACH 5085.4 HOURS. C/W AD 77-13-21 (39-3093, 12-16-77) LANDING GEAR INSPECTION, PAR A IS DUE AT TACH 5247 HOURS, PAR B- REPLACED UNGEES P/N 31322-007 DUE AGAIN EVERY 500 HOURS OR 3 YEARS. PAR C IS DUE AGAIN WITHIN ONE YEAR OR 500 HOURS. C/W 94-13-10 9-8951, 8-12-94) STABILATOR TORQUE TUBE PAR A, DUE AGAIN AT TACH 5085.4 HOURS. AD 97-01-01R (39-10864, 12-8-98) M.L.G., SIDE BRACE INSPECTION DUE AT TACH 5629.4 HOURS C/W AD 2002-26-01 (39-12986, 1-03) INJECTOR LINE INSPECTION, DUE AGAIN AT NEXT 100/ANNUAL INSPECTION. C/W AD 76-07-12 (39-3024, 8-30-77) IGNITION SWITCH OP'S CHECK-OK, DUE AGAIN AT 5085.4 HOURS. AD 2003-14-03 (39-13222, 8-14-04) FUEL PUMPS N/A PART NOT INSTALLED. AD 2004-05-24C (39-13519, 3-04) CRANKSHAFT GEAR BOLT- N/A LYCOMING BOLT NOT INSTALLED, SL-STD2209 BOLT INSTALLED. C/W AD 2004-10-14 (39-13644, 10-25-04) N/A NO PROP STRIKE NOTED. -CONT-

AEROSERVICES, INC. CRS: LIIR297K

A/C N# N320JL MODEL: PA24-260 S/N: 244886TACH: 4985.44

- CONT'D -
 REPLACED RIGHT WHEEL WELL COVER P/N W20489-001. REPLACED 2 EACH AILERON CABLE GUIDES. P/N WRBAC. REPLACED ELEVATOR SPRING P/N W21295-00. REPLACED 2 EACH FLAP LOCK SPRINGS P/N W83302-04. REPLACE LEFT MAIN TIRE WITH 600X6 PLY GOODYEAR FLT CUSTOM III. REPLACED COWLING LATCH HINGE PINS P/N MS20392-1C23. REPLACED AIR FILTER BA4504.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNATURE: [Signature] DATE: 06/25/04

CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT
 ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE NUMBER

Log Entry

N320JL S/N 24-24-4886

TACH 5004.27

DATE 9-2-2004

INSTALLED RECHROMED MLG TUBE IN BOTH MLG
 INSTALLED 2ea 164-00190 BRAKE DISC AND 8ea 66-106 BRAKE LININGS. COMPLIED WITH AD 75-12-06 VISUAL INSPECTION PER PARA 1(b)(c) NEXT DUE 5104.27. COMPLIED WITH AD 94-13-10 CHECKED FOR LOOSNESS PER PARA (a)(c), NONE DETECTED DUE AT 5104.27

[Signature]
 ROBERT L. WILLHOIT
 A&P360489497

RETURN TO SERVICE

Make Piper

Model

Unit Name GEAR MOTORPart # 21286-000Serial # 1H51530

The component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details are on file under work order.

No. WQ-1H500 ENR-98835Reconditioned INSPECTED
By ASHADON DANKERInspected By [Signature]License No. AP2105551Date 1-14-04

WEBCO Aircraft

Phone (316) 283-7929

1134 N. Oliver Rd./Hangar G

NEWTON, KANSAS 67114

W455-180
 CONDUIT ASSY-MAIN GEAR RETRACT/EXT
 PA24-180/250/260-PA30/35
 FAA-PMA / BATCH # 24452
 WEBCO AIRCRAFT

ENGINEERING RECORD

INSPECTION, REPAIRS & REPLACEMENT		SIGNATURE	LICENCE NUMBER
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.			
N320JL TACH. 5148.79 -----CONT.--- HSI PANEL UNIT REFER TO KINGS W/O 59446 8/29/05. REMOVED AIRSPEED INDICATOR AND SENT TO KINGS AVIONICS FOR REMARKING PER FAA APPROVED FLIGHT MANUAL FOR THIS AIRCRAFT REFER. KINGS W/O59517 9/14/05 AND REINSTALLED. REPLACED MANIFOLD PRESS. GAUGE WITH AN5770-1 CHECKED BY KINGS AVIONICS W/O 59518 DATED 9/14/05. PLACED AIRCRAFT ON JACKS. CLEANED AND REPACKED MAIN WHEEL BEARINGS. REPLACED NOSE WHEEL BEARINGS AND RACES WITH NEW 13836 / 13889 P/N'S PACKED BEARINGS AND REINSTALLED WHEEL. REPLACED NUTS ON STABILATOR ATTACHING BOLTS WITH NEW NUTS PER SL 667A MARCH 7/1974. REPLACED BRACKETT AIR FILTER ELEMENT WITH NEW BA-4505. REPLACED COWL CHAFE MATERIAL AT FIREWALL. SAFTIED BOLTS ON THROTTLE BRACKET ON BOTTOM OF SUMP. REPLACED 2EA. P/N 21063-00 NUTS IN L/H GEAR WELL ON L/H RETRACTION CABLE WITH NEW NUTS. RIGGED CABLE AND SAFTIED NUTS. PERFORMED LANDING GEAR RETRACTION AND EXTENSION AND EMERGENCY EXTENTION			
N320JL TACH. 5148.79 9/23/05 -----CONT.--- WITH NO DISCREPENCIES. REMOVED L/H AILERON PUSH/PULL ROD, CLEANED AND PRIMED WITH EPOXY CHROMATE AND REINSTALLED. MARKED SUCTION GAGE PER AFM. PAINTED WHITE SLIP INDICATOR MARK ON FACE. REPAIRED APU GROUND STRAP. REPLACED ONE MISSING RIVET IN L/H WING BOTTOM AT TIP. DONALD E. WILLHOIT A&P 330560921 <i>Donald E. Willhoit</i>			

SERVICED BY

**MEGGITT
AVIONICS**

S-TEC

One S-TEC Way
Municipal Airport
Mineral Wells, TX 76067
Phone: 940-325-9406
Fax: 940-325-3904

CRS NO. FF2R818K
SERVICEABLE PART

SERVICED BY



One S-TEC Way
Municipal Airport
Mineral Wells, TX 76067
Phone: 940-325-9406
Fax: 940-325-3904

CRS NO. FF2R818K
SERVICEABLE PART

AIR TIME AND

ENGINEERING RECORD

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

N320JL PA24-260C
S/N 24-4886 TACH & TT. 5149.14 HRS
DATE OCT 5, 2005 PAGE 1
COMPLETED ANNUAL INSPECTION PER SCOPE AND DETAIL OF FAR 43 APPENDIX "D". INSTALLED FLUEL FLOW GAGE P/N 26988-000 AFTER OVERHAULED BY AIR CAPITAL INSTRUMENTS W.O. # 23171 dated 9-7-2005. CHECKED ELT OPERATION PER FAR 91.207(d), OPERATION NORMAL. ELT BATTERY EXPIRES AUG 2006. INSTALLED AIRWOLF AIR/OIL SEPERATOR SEE FAA FORM 337 DATED 10-01-2005 AND STC SA3684WE. INSTALLED WEBCO AIRCRAFT UPPER DOOR LATCH PER FAA FORM 337 DATED 10-01-2005 AND STC SA2549CE. REMOVED TERRA TDF-100D ADF FROM HORIZON DIGITAL TACH PER FAA FORM 337 DATED 10-01-2005 AND STC SA6019NM. INSTALLED NEW MIXTURE CABLE AND RIGGED. INSTALLED NEW FUEL PRESSURE HOSE FROM BAFFLE TO FIREWALL. INSTALLED NEW BAGGAGE DOOR SEAL.
CONTINUED NEXT PAGE

N320JL PA24-260C
S/N 24-4886 TACH & TT. 5149.14 HRS
DATE OCT 5, 2005
REINSTALLED AUTOPILOT ROLL SERVO AFTER REPAIR BY S-TECH, RIGGED BRIDLE CABLE PER S-TECH INSTRUCTIONS. REPLACE HOSE ON AFT CABIN AIR VENT. REPLACED TOP STROBE WITH SERVICABLE UNIT. COMPLIED WITH AD 76-07-12 R1 PER PARA 1(a,b) ENGINE DOESN'T RUN ON. COMPLIED WITH FUEL INJECTOR LINE INSPECTIONE PER AD 2002-26-01. COMPLIED WITH AD 77-13-21 PARAGRAPH (c) BY INSPECTING BUNGEE CORD PER PARAGRAPH (b) CONDITION, DUE AGAIN NEXT ANNUAL OR 500 HRS, PARAGRAPH (a) DUE AT 5934.9 HRS. INSPECTED FIN SPAR PER PARAGRAPH (b) (c) DUE AGAIN AT TACH 5249.14. INSPECTED STAB TORQUE TUBE PER PARAGRAPH (a)(c) DUE AGAIN AT TACH 5249.14.
CONTINUED NEXT PAGE

CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS

N320JL PA24-260C
S/N 24-4886 TACH & TT. 5149.14 HRS
DATE OCT 5, 2005
COMPLETED STATIC SYSTEM LEAK TEST IN ACCORDANCE WITH FAR 43 APPENDIX "E" PARAGRAPH (a) NO DEFECTS FOUND.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
ROBERT L. WILLHOIT
A&P3604894971A

Robert L. Willhoit

DATE 12-8-06 MODEL KT76A SN 85
THIS AIRCRAFT TESTED IN ACCORDANCE WITH
PART 43
APPENDIX "F" FOR COMPLIANCE WITH FAR 91.411
THIS DATE
LANGA AIR, INC.
FAA REPAIR STATION # FAA78324B
Signature *Raymond*

ALTIMETER(S) AeroSonics OROLOG N/A
PITOT CH7011 SN N/A
TESTED TO 2000 FT.
AS REQUIRED BY FAR 91.411 IN ACCORDANCE WITH FAR 43
PARAGRAPH (e) DATED 12-8-06
Signature *Raymond*

MAINTENANCE RELEASE

COMPONENT Roll Servo SERIAL NO. 13229A
PART / MODEL NO. 0105-R2
☐ Overhaul ☒ Repair ☐ Inspected ☐ New
The aircraft appliance identified above was overhauled, repaired, functional tested or is new as per block above in accordance with current Federal Aviation Administration Regulations and is approved for return to service. Details of this component are on file at this agency under
Work Order # R42905 Date 8/24/05
Authorized Signature *Raymond* N/A

(810) 235-1402 915 Kearsley Park Blvd, Flint, MI 48503 www.glaplinc.com

MANUFACTURE DATA: 12-09-2005 MANUFACTURE CODE: 1102615
FOR CONTINUED AIRWORTHINESS SEE P.O.U. OR AIRCRAFT MANUFACTURERS SERVICE MANUAL

SERIAL NUMBERS: PA-24 (100), PA-24-250, PA-24-260, PA-30, PA-39 (ALL)

AIRCRAFT MAKE AND MODEL: PLEER PA-24, PA-30, PA-39
PART NUMBER: W-2195-RH
ITEM/LANDING LIGHT LENS-RH (CLEAR)

DO NOT LOOSE THIS TAG. IT CAN NOT BE REPLACED!!!
U.S.A. PRODUCTS, INC. PLEER, MI

MANUFACTURED BY: GREAT LAKES AERO PRODUCTS, INC. PLEER, MI

GREAT LAKES AERO PRODUCTS, INC.

RY 1360489457

N320JL PA24-260C

S/N 24-4886 TACH & TT. 5280.48 HRS
DATE MAR 14, 2007 PAGE 1

COMPLETED ANNUAL INSPECTION PER SCOPE AND DETAIL OF FAR 43 APPENDIX "D". CHECKED ELT OPERATION PER FAR 91.207(d), OPERATION NORMAL. ELT BATTERY EXPIRES OCT 2008. REPLACED BRACKET AIR FILTER ELEMENT. REPAIRED "P" LEAD CONNECTORS AS NECESSARY. REPAIRED STATIC LEAKS BY REPLACING HOSES. REINSTALLED AUTOPILOT COMPUTER AFTER REPAIRS WERE MADE BY S-TEC. COMPLIED WITH AD 76-07-12 R1 PER PARA 1(a,b) ENGINE DOESN'T RUN ON. COMPLIED WITH FUEL INJECTOR LINE INSPECTION PER AD 2002-26-01. COMPLIED WITH AD 77-13-21 PARAGRAPH (c) BY INSPECTING BUNGEE CORD PER PARAGRAPH (b) CONDITION, DUE AGAIN NEXT ANNUAL OR 500 HRS, PARAGRAPH (a) DUE AT 5934.9 HRS.

CONTINUED NEXT PAGE

CARRIED FORWARD

OR COMPLETE

INSPECTION, REPAIRS & REPLACEMENT
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

N320JL PA24-260C

CASE CERTIFICATE

AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:

9278

5. Work Order / Contract / Invoice
Number

R000050991

67-9236

9. Eligibility	10. Quantity	11. Serial Number	12. Status/Work
N/A	1	1393 L/G	REPAIRED

Maintenance Manual number 87146, Revision A, Dated 12/10/2003.

19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13

Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service

20. Authorized Signature:

Scott Howard

21. Approval/Certificate No.

FF2R818K

22. Name (typed or printed):

Scott Howard

23. Date (m/d/y)

Jan/04/2007

Responsibilities

...ically constitute authority to install the part / component / assembly.

...in airworthiness authority different than the airworthiness authority of the country
...ess authority accepts parts/components/assemblies from the airworthiness authority of

...aircraft maintenance records must contain an installation certification issued in
...e flown.

...ility with applicable technical data.

DUE
IR AD

ICE
TS

DANCE
IN

2-12

ENGINEERING RECORD

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

DATE	HRS.	MIN.	HRS.	MIN.
12-29-04				
TACH 5280 HRS.				
Removed old side windows and installed				
FRP/ICMA approved windows from Thru-A-Take				
New Products, door window PIN W/G-2069-250-RH				
L.H. window PIN W/G-2258-250, side window				
PIN W/G-2067-250-RH, W/G-2067-250-LH, side				
window PIN W/G-2068-250-RH, PIN W/G-2068-250-LH				
and landing light lens PIN W-2195-L.H., PIN				
W-2195-R.H.				
Robert L. Willhoit				
A&P360489497				

N320JL PA24-260C

S/N 24-4886 TACH & TT. 5280.48 HRS

DATE MAR 14, 2007 PAGE 1

COMPLETED ANNUAL INSPECTION PER SCOPE AND DETAIL OF FAR 43 APPENDIX "D". CHECKED ELT OPERATION PER FAR 91.207(d), OPERATION NORMAL. ELT BATTERY EXPIRES OCT 2008. REPLACED BRACKET AIR FILTER ELEMENT. REPAIRED "P" LEAD CONNECTORS AS NECESSARY. REPAIRED STATIC LEAKS BY REPLACING HOSES. REINSTALLED AUTOPILOT COMPUTER AFTER REPAIRS WERE MADE BY S-TEC. COMPLIED WITH AD 76-07-12 R1 PER PARA 1(a,b) ENGINE DOESN'T RUN ON. COMPLIED WITH FUEL INJECTOR LINE INSPECTION PER AD 2002-26-01. COMPLIED WITH AD 77-13-21 PARAGRAPH (c) BY INSPECTING BUNGEE CORD PER PARAGRAPH (b) CONDITION, DUE AGAIN NEXT ANNUAL OR 500 HRS, PARAGRAPH (a) DUE AT 5934.9 HRS.

CONTINUED NEXT PAGE

CARRIED FORWARD

INSPECTION, REPAIRS & REPLACEMENT

ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

N320JL PA24-260C

S/N 24-4886 TACH & TT. 5280.48 HRS

DATE MAR 14, 2007 PAGE 2

INSPECTED FIN SPAR PER AD 75-12-06 PARAGRAPH (b) (c) DUE AGAIN AT TACH 5380.48. INSPECTED STAB TORQUE TUBE PER AD 94-13-10 PARAGRAPH (a)(c) DUE AGAIN AT TACH 5380.48. COMPLETED STATIC SYSTEM LEAK TEST IN ACCORDANCE WITH FAR 43 APPENDIX "E" PARAGRAPH (a). NO DEFECTS FOUND.

I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
ROBERT L. WILLHOIT
A&P360489497IA



1-19-08

Installed new bungee cords
on main gear Ronald Huy
A&P2086477 FA

4-12-08 Tested ELT per FAR 91.207 para 1D c/w

AD's 75-12-06 vent stab spar, 94-13-10 stab torque tube

2002-26-01 injector lines, 2009-06-51 servo insp, 76-02-12

ignition switch, replaced air filter element.

Date 4-12-08 Tach Time 5339.0

I certify that I have inspected this AIRCRAFT

in accordance with a 11 annual inspection
and found it to be in an airworthy condition.

Total Time 5339.0 T.S.O.


Ralph Huy A&P 549540228 IA.

AIR TIME AND

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					

Maintenance Express Inc.
333 West Jack London Blvd #144

Aircraft Services and Inspections
Livermore, Ca 94551 (925) 455-5802

September 19, 2008 Tach: 5357.9 N320JL

Serviced main fuel strainer. Replace battery with a new G-35. Replace the following tires and tubes: nose with a 15x6x6 FCIII and RT main with 6.00x6x6 FCIII. Replaced landing light p/n 4509. Remove the following control services due to damages from a ground incursion: RT and Lt stabilator, stabilator trim, rudder and vertical stabilizer. The aft tail bulkhead p/n 20479-15 was replaced with a used serviceable part, replaced rear bottom fuselage skin p/n 20500-00, top rear fuselage skin p/n 20500-011 and center rear top fuselage skin p/n 22573-030. Left stabilator had the following repairs: replaced outboard rib closure p/n 20193-029, tip p/n 21556-000, replaced outboard leading edge p/n 20193-046, and bottom skin p/n 20193-26. (337 filed) Control surfaces were reinstalled IAW Piper service manual. Stabilator balance was verified to within limits. Rigged Rudder, stabilator, and stabilator trim IAW Piper service manual. Aircraft needs test flight. **Approved to return to service this date.**

Authorized Signature

Chris Hamilton 592560291 APIA

Precision Static Testing Livermore, CA
FAA Certified Repair Station #QJAR856X
PHONE: (925) 449-5904 FAX (925) 449-6081

I certify that transponder tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendix E and F.

Time: 5413.84 W/O# 5439 N 320JL
Inspected by *[Signature]* Date 5/21/09 ← 2009

CARRIED FORWARD

5-21-2009 TACH 5413.15 TT 5513.15 N320JL

- AD'S checked thru 2009-10 IApproach
- COMPLIED WITH AD75-12 06 FIN FORWARD SPAR BY INSPECTED PER AD NOTES 10 POWER GLASS VISUAL INSPECTION, AD 77-08-01 AILERON SPAR CRACKS BY PCW 8-114-1978, AD77-13-21 PREVENT LANDING GEAR COLLAPSE BY PCW 1-19-2008, AD94-13-10 STABILATOR INSPECTION BY INSPECTED PER AD NOTE a2 and c.
- INSPECTED SMD SERVICED AIRCRAFT PER FAR 43 APPENDIX D 100 HOUR/ANNUAL INSPECTION GUIDES.

A) COMPRESSION CHECK #1 77/80, #2 73/80, #3 74/80, #4 71/80, #5 76/80, #6 74/80.

B) INLET AIR FILTER REPLACED P/N BA 4505.

- ACCOMPLISHED ELT INSPECTION AND TEST PER FAR 91.207 (c)(d). TEST SATISFACTORY. REPLACED ELT BATTERY P/N BP 1010, NEXT DUE CHANGE JULY 2011.
- TRANSPONDER CHECK ACCOMPLISHED PER FAR 91.413, NEXT DUE JUNE 2011.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AT THIS TIME.

John Daniel Phillips IA1958732AP

5-21-2009 CONTINUED TACH 5413.15 TT5413.15 N320JL

- COMPLIED WITH AD 76-07-12 BENDIX IGNITION SWITCHES BY C/W PER AD NOTES, NEXT DUE 5513.15

John Daniel Phillips IA1958732AP

Pacific States Aviation

Date: 6/17/2009; Aircraft: N320JL; Type: PA-24-260;
S/N: 244886; Hobbs: Tach. 5421.30; Total Time:;
Engine - Type: S/N: Time: SMOH: Prop - Type:;
S/N: Time: SMOH:
Shop Order #: 09-14915
Replaced left tire.

This aircraft and/or component identified above was repaired or overhauled and inspected in accordance with current FAA regulations and found to be airworthy for return to service for the work performed. Pertinent details are on file at Pacific States Aviation under the above work order number.

Signed: *[Signature]* for
Pacific States Aviation, Inc. - Repair Station
No. CPMR948C

6/16/09
NARCO had started out of
was sent to factory for full
service repair & check out.

5421.3 hrs

Left
main

Michelin

6.00-6/6/120

NARCO AVIONICS INC.

SERVICE TAG

N25812

MODEL #

S/N 501912

DATE 6/16/09

W.O.# 40760P

DETACH AND AFFIX

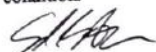
TO LOGBOOK

DATE	DAILY TOTAL		TOTAL AIR TIME SINCE MFG.		ENGINEERING RECORD
	HRS.	MIN.	HRS.	MIN.	
NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE					

BROUGHT FORWARD

WingsAloft Inc. Byron, Ca
 November 17, 2010 N320JL Piper PA-24-260
 S/N 24-4886 Total Time 5523 Hrs.

Checked ELT per FAR 91.207d. Complied with AD's 75-12-06 and 94-13-10 by inspection. Complied with AD 77-13-21 Par. A by inspection, Par. B by replacement of bungees. Complied with AD 76-07-12 by functional check. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be in airworthy condition.



Samuel G. Tucker 2703762 IA

WingsAloft Inc. Byron, Ca
 November 17, 2010 N320JL PA-24-260
 S/N L-2537-48 Total Time 5523 Hrs.

Replaced spinner bulkhead (W26313-000), three each static wicks (11-16630), Main battery (G-35), RH stab tip (GF21556-000F), Weatherstrip on cabin door (RB5022), Shock cords (8094). Repaired lower fwd cabin door frame, painted nosewheel. Lubed gear and flight controls, swung gear and did emergency gear extend. Approved for return to service for work accomplished.

John Pisahl 431150305 A&P



CARRIED FORWARD

N320JL PA-24-260
 Aircraft S/N: 24-4886
 Date: 05-01-12



700 Tioga Dr. Hgr #3 Modesto, CA 95354
 (209) 524-1758

Tach/HM: 5580.3
 Total Time: 5580.3
 Work Order: 8307

LICENCE
 NUMBER

LOGBOOK ENTRY:

Annual inspection completed this date. Install new right main fuel tank cap P/N WFC1. Resealed and serviced both main struts using Mil H 5606A hydraulic fluid and nitrogen. New high-pressure valve cores P/N 302DN installed. Resealed both main brake calipers and installed new brake lining P/N 066-10600. All wheel bearings repacked. Installed new vertical card compass P/N PAI-700 S/N 77628. Swing and install new correction card. Installed Serviceable A500AV14 combination strobe/nav light in bottom position in tail cone. Placards installed as needed. Installed new engine Lord mounts P/N J3804-20. Installed new BA4505 induction air filter element. Installed and tested new ELT battery P/N BP1010. Expiration date is 6/2014. C/W FAR 91.207 (d) on ELT. Next due 5/13. I certify that this Aircraft has been inspected in accordance with the requirements of FAR 43, App. D and Maintenance Manual for an Annual inspection and determined to be in an airworthy condition.

Signature: Shane M. Cooper
 Shane M Cooper A&P 547831936 IA

J&R ELECTRONICS
FAA XB3R965L
LOGBOOK ENTRY

Date: 1-11-13 W/O# 16897

Aircraft: Piper Model: PA-24-260 S/N: 244886 N#: 320JT Tach/Hobbs:

- 1) Removed CP-136 Narco Audio Panel and wiring.
- 2) Installed a PS Engineering PMA 8000B Audio Panel w/ 4 place mic/phone jacks mounted in pre-existing locations.
- 3) Electrical load can be safely controlled or managed within rated limits of the aircraft's electrical power-supply system per AC 43.13-1B, Paragraph 11-36 (b) and (c).
- 4) Electrical Components added are circuit protected in accordance with AC 43.13-1B, Paragraphs 11-47, 11-48, 11-49 and 11-50.
- 5) Wiring used meets all requirements of AC 43.13-1B, Paragraph 11-77(d), and Paragraph 11-66, subparagraphs (b) and (c) and has been installed in accordance with AC 43.13-1B, Paragraph 11-96, subparagraphs a, c, d, f, q, and ee.
- 6) Aircraft Weight and Balance re-computed in accordance with AC43.13-1B Paragraph 10-16.

END

This Installation has been inspect and tested in accordance with manufacturers specs and applicable FAR's, has been found airworthy with respect to the work performed and is APPROVED FOR RETURN TO SERVICE. Signed: [Signature] Date: 1-11-13

I certify that the Altimeter, Static System, Encoder and Transponder tests required by FAR Part 91.411 and 91.413 (Part 43 appendix E & F) have been performed. The Altimeter was tested to 20,000 feet. WO# 53549

Mile High Avionics Division
Arizona Air-Craftsman, Inc.
FAA CRS No. ZM3R029M

ING RECORD
4V LINES AS REQUIRED FOR COMPLETE

ENTRIES. DRAW A C

Precision Static Testing
FAA Certified Repair S
PHONE: (925) 449-5904

I certify that the altimeter(s) and by 14 CFR § 91.411 and transpo correspondence, required by § 91 and found to comply with 14 CFR Tested to 20,000 feet. W/O# 10735 Inspected by [Signature]

Test Altitude	Scale Error	Friction Error	Encoder	Leak Act Case	Hysteresis	% Altitude Tested	Altitude Tested	Amount Hysteresis
-1000	0		-1K	45071.04				
0	-10		0					
500	-10		0.5K					
1000	-10	20	1.0K			50%	10K	+20
1500	0		1.5K			40%	8K	+20
2000	0	20	2.0K					
3000	0	20	3.0K					
4000	0	20	4.0K					
5000	10		5.0K					
6000	10		6.0K					
8000	20		8.0K					
10000	30	20	10.0K					
12000	40		12.0K					
14000	40		14.0K					
15000	40	20	15.0K					
16000	40		16.0K					
After Effect					Check Pitot Heat			
					Baro. Scale Error (± 25 ft.)			
					28.10	-1727	✓	
					28.50	-1340	✓	
					29.00	-863	✓	
					29.50	-392	✓	
					29.92	0	✓	
					30.50	+531	✓	

DATE

BROUGHT FORWARD

Signature [Signature] Date June 11-2013

6-18-2013 Completed with annual inspection. Complied with A.D. 75-12-06 by inspection of pin forward floor attach. C/W A.D. 76-07-18 R1 by functional test of heat exchanger. C/W A.D. 54-18-10 by inspection of stabilizer leading track attach fittings. C/W para b of A.D. 77-13-21 by replacement of landing gear bungees. Complied with A.D. 2012-06 by inspection of stabilizer horn assembly. IAW SB 1189. C/W SB 1160 by inspection and creating stabilizer torque tube. Replaced and removed left and right main struts. Replaced control cables for powder containers and reinstalled. Checked and treated minor corrosion on right elevator and right horn. Replaced induction oil filter. Replaced gear shield engine and reinstalled. Installed battery loop wiring. A.D.'s checked through Biweekly since 2013-11. Inspected ELT IAW FAR 91.207. All work accomplished IAW manufacturers maintenance manuals and FAR 43 appendix D.

ARIZONA AIR-CRAFTSMAN, PRESCOTT, ARIZONA

I certify that this Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

WO# 22439
Eng. SMOH 1022.09
Prop SMOH 1022.09

Tach Time 5651.52
Aircraft Total Time 5651.52
Engine Total Time 5972.81

Jeffrey Alan Gerlak A&P 3538569 IA Date June 18, 13

Signature [Signature]

6-18-2013 Tach + ACT 5651.52 Installed units 2-4 baggage door strut IAW STA SA 307-14 and Installation manual Rev A dated 09-10-96. See FAA form 337 this date. W/O, 22439 John Flagg A&P 3287177

CARRIED FORWARD

N320JL PA-24-260
Aircraft S/N: 24-4886
Date: 09-01-15



700 Tioga Dr. Hgr #3 Modesto, CA 95354
(209) 524-1758

Tach/HM: 5691.7
Total Time: 5691.7
Work Order: 9236

LOGBOOK ENTRY:

Annual inspection completed this date. Installed new Michelin Condor main wheel tires. Wheel half hardware replaced with new. Bearings cleaned and repacked. Installed new BA4505 induction air filter element. Cleaned main fuel screen and reinstalled with new 22458-000 screen/gasket. Installed and tested new ELT battery P/N BP1010. Expiration date is 9/2017. C/W FAR 91.207 (d) on ELT. Next due 9/16. I certify that this Aircraft has been inspected in accordance with the requirements of FAR 43, App. D and Maintenance Manual for an Annual inspection and determined to be in an airworthy condition. List of discrepancies provided to owner.

Signature: [Signature]

Paul S. Kline A&P 571942173 IA

9/1/15 Aircraft inspected for ferry flight from Modesto CA to Livermore CA. Paul S. Kline A&P 571942173

Date: 3/22/2019 Aircraft: N320JL Make/Model: Piper PA-24-260 S/N: 24-4886
Engine: 5693.18 Model: IO-540-D4A5 S/N: L-2537-48
Tach: 5693.18

1. Removed and sent landing gear assemblies to Comanche Gear (Naples, FL) for inspection and rebuilding in accordance with AD77.13.21 Part A and Piper SL 782B AMOC. Replaced all bushings to specified limits. Replaced right main strut housing, left nose gear drag links (p/n's 27053-00, 23109-00 & 20814-00). Serviced landing gear transmission. Replaced side brace bushings and inspection of studs in accordance with AD97.01.01 (Palm Beach Aircraft, Invoice #19344). All work done by Comanche Gear (See Invoices 184784, 184789, 184792 & 184795 and Request to Produce Part by Owner, dated 11/1/2018). Landing gear inspection next due 6693.18 hrs.
2. Replaced bungee cords in accordance with AD77.13.21 Part B. Next due 2/2022 or 6193.18 hrs.
3. Owner assist of gear re-installation and rigging as per Piper Comanche Service Manual. Functional checks of gear retraction/extension & emergency extension found OK.

The aircraft and/or components were repaired with current practices and is approved for return to service only for work specified. END.

[Signature]
Michael Flaggella A&P 322707

