

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.
4. On journey, the pilot is responsible for carriage of Log Book and entries or omissions therein. Failure to do so will be considered a serious neglect of duty.
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

N 9629J.....
License No.

Aircraft Name PIPER..... Model PA28-180 Serial No. 28-3786
 Engine Name Lycoming..... Model O-360-A4A Serial No. L-10572-36A
 Description of Aircraft H.P.C.M. - STANDARD T.C. No. 2A13
RANDOLPH J/W (B-5420) M/R (B-5511) & G (B-7919)
 Date of Manufacture

.....

Seating Capacity (including pilot) 4..... Wt. Empty 1259.5..... Gross Wt. 2400
 Make of Propeller Sensenich..... Hub Design No. M76Emm(60) Hub Serial ~~43251~~
 Blade Design No. Blade Serial Nos. 39475K

Owner

Address

Transferred to Date

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		Passengers Carried	NATURE OF FLIGHT
Year	Mo. Day	Hrs.	Min.		
					<p>I HAVE INSPECTED THIS AIRCRAFT AND FOUND IT COMPLIES WITH THE REQUIREMENTS OF FAR 21.183. CERTIFICATE OF AIRWORTHINESS</p> <p>DATED <u>Dec 7, 1966</u> WAS ISSUED BY ME</p> <p><u>W.D. Gleason</u> FAR 21.183</p> <p>EMDG</p> <p>2-0-43 . 1</p>
Total Forward					

(Handwritten scribble)

Place of Last Airplane Overhaul

Date of Last Overhaul

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AIRCRAFT LOG

REMARKS

SIGNATURE

Feb 23, 1967

50 hr. Inspection performed on per SA 28-180 50 hr. Inspection Report. Oil, Craft, Control checked. Battery checked. Oil and S. Unit 67-4-1 Complied with expected and run up checks at this date.

I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 50 HR INSPECTION AND WAS DETERMINED TO BE AIRWORTHY

TOTAL TIME 060:14

DATE

Feb 23, 1967

WORK ORDER NO.

5410

SIGNED

W. S. Tanner

FOR



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

AIRCRAFT LOG

REMARKS

SIGNATURE

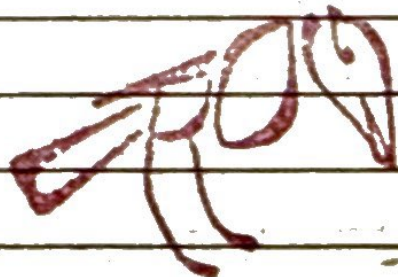
3-22-67 100 Hr Insp Due This Date
A/C Runup OK, A.D.S. Chkd +
OK This Date

I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN
INSPECTED IN ACCORDANCE WITH A 100HR INS-
PECTION AND WAS DETERMINED TO BE AIRWORTHY

TOTAL TIME 96.5 DATE 3-22-67

WORK ORDER NO. 5474

SIGNED W. S. Jammer FOR




CROW INC. F. A. A. 1061

TOLEDO EXPRESS AIRPORT

SWANTON, OHIO

AIRCRAFT LOG

REMARKS	SIGNATURE
<p>5-15-67 complied with AD 67-16-2 for tanking T.T, 179.46</p>	<p>T.G. Winters NRP 557486</p>
<p>5-27-67 A/C Inspected per Form Dumped this date</p>	<p>I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INS- PECTION AND WAS DETERMINED TO BE AIRWORTHY TOTAL TIME <u>201.6</u> DATE <u>5-27-67</u> WORK ORDER NO: _____ SIGNED <u>W. E. Tanner</u> FOR</p>
	<p>CROWN INC. F. A. A. 1061 TOLDO EXPRESS AIRPORT SWANTON, OHIO</p>

AIRCRAFT LOG

REMARKS

SIGNATURE

Installed new main tires & installed fully
new brake blocks. Checked all controls & tested
tallies. Serviced the Battery R.F. Hall Ave 173179

I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN
INSPECTED IN ACCORDANCE WITH A 100HR INS-
PECTION AND WAS DETERMINED TO BE AIRWORTHY

TOTAL TIME 200.0 DATE 7-15-67

WORK ORDER NO. 5778

SIGNED W. James FOR



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

AIRCRAFT LOG

REMARKS

SIGNATURE

100hr Prop G/W As Per factory form for 28
AP 67-16-2 G/W Prop. Run up OK this
Date

I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN
INSPECTED IN ACCORDANCE WITH ANNUAL INS-
PECTION AND WAS DETERMINED TO BE AIRWORTHY

TOTAL TIME 399.0 DATE 9-29-67

WORK ORDER NO. 5957

SIGNED Art Jammer FOR



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

AIRCRAFT LOG

REMARKS

SIGNATURE

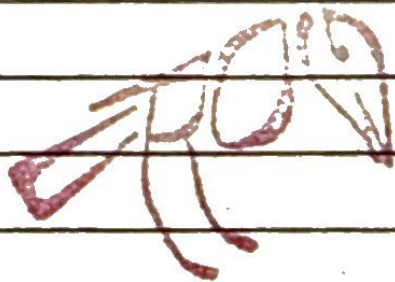
100 hr Inspr Checks Per factory form
for PA 28 A/c Ckd & Run up ok this
Date.

I CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN
INSPECTED IN ACCORDANCE WITH A 100 HR INS-
PECTION AND WAS DETERMINED TO BE AIRWORTHY

TOTAL TIME 498.22 DATE 1-8-68

WORK ORDER NO. 6177

SIGNED W. J. Lamer FOR



CROW INC. F. A. A. 1061

TOLEDO EXPRESS AIRPORT

SWANTON, OHIO

AIRCRAFT LOG

REMARKS	SIGNATURE
<p>12 MAR 68 TAC 556:30</p> <p>ACFT ANNUAL INSP C/W IAW PIPLER INSP FORM 640430. ALL SURFACE CONTROLS INSP, LUBRICATED & OPS CK OK. INSTALLED NEW RUDDLER HORN & RIGGED RUDDER. GEAR WHEELS INSP, CLEANED, AND LUBED. NEW MAIN TIRES INSTALLED AND NEW BRAKE LININGS INSTALLED. BRAKE SYS SERVICED AND BLED. ACFT ELCT SYS INSP AND OPS CK OK. BATT. SERVICED. COCKPIT GROUP INSP INSTRUMENTS CK. OK. INTERIOR FABRIC WASHED. COCKPIT CONTROLS LUBED & INSP. REPLACED MIXTURE CONTROL CABLE AND ADJUSTED CARB HEAT CONTROL. REINSTALLED REAR SEAT BACK MOUNT BOLT. REPAIRED TORN UPHOLSTERY & FLOOR MATS. AD'S CK THRU 67-33 NONE APPLICABLE AT THIS INSP. PIPLER SERVICE BULLETIN 261 C/W. ACFT FULL SYSTEM INSP & FILTERS CLEANED & REINSTALLED</p>	<p style="text-align: center;"><i>[Signature]</i></p>

CERTIFY THAT THIS AIRCRAFT OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE AIRWORTHY TOTAL TIME 56:30 DATE 12 MAR 68 W. O. 8504
 NAME As H. H. H. NUMBER AS 1609953 I. A.

CROW INC. C. R. S. 1198
 MILLER AIRPORT, NORTH BENTON, OHIO

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

AIRCRAFT LOG

T.T. 723:00

4/8/69

REMARKS

SIGNATURE

ANNUAL INSPECTION COMPLETED THIS DATE. AIRCRAFT PLACED ON JACKS ALL GEAR WHEEL BEARINGS CLEANED & REPACKED. ALL CONTROL SURFACES LUBED AT HINGE POINTS. BRAKE RES. SERVICED TO PROPER LEVEL AIRCRAFT GIVEN A FUNCTIONAL RUN UP ALL CHKS OK.

Leon C. Samp
1852954

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

TOTAL TIME 723:00 DATE 4-9-69 W. O.

NAME Heule / July NUMBER 1609953 AEP/FA

AIRCRAFT LOG

REMARKS

SIGNATURE

6/15/70

100 HOUR INSPECTION COMPLETED THIS DATE. SEAL REPLACED IN LEFT STRUT. L&R MAIN TIRES REPLACED, BRAKES RELINED. SPINNER REMOVED & PARTS CHK'D ALL NEW SCREWS INSTALLED. ROTATING BEACON LAMP REPLACED, TAIL NAV LAMP REPLACED, LEFT BRAKE BLEED, BATTERY SERVICED. A/C GIVEN A FUNCTIONAL RUN-UP ALL CHKS OK AT THIS TIME. *Leon Lamp* 1852954 A&P

6-15-70 I CERTIFY THAT THIS A/C HAS BEEN INSP. IN ACCORDANCE WITH ANNUAL INSP REQUIREMENTS & IS DETERMINED TO BE AIRWORTHY

Merle E. Hurler
A&P/IA 16099530
Alliance, Ohio

NC
URE OF FLIGHT

at time 1028
this aircraft has
been in accordance
with inspection
determination to be
worthy condition.
R. Kruger

AIRCRAFT LOG

REMARKS

10/1/71 CERTIFY THAT THE ALTIMETER & STATIC SYSTEM
TESTS REQUIRED BY F. A. R. 91.170 HAVE BEEN
PERFORMED. THE ALTIMETER HAS BEEN TESTED
TO 20,000 FEET.

Signature Richard D. Hair

Date 10/1/71

Certificate No. 1704477

BECKETT AVIATION CORP.

REPAIR STATION #3790

Youngstown, Ohio

ALTIMETER No. V6-1552

Altimeter Reads	ADD Algebraically	
	Room Temp.	°C
18000	-60	
20000	-50	
25000		
30000		
35000		
40000		
45000		
50000		
60000		
70000		
80000		

TESTED BY - R. Hair

OCT - 1 1971

Altimeter Reads	SCALE CORRECTIONS	
	ADD Algebraically	Room Temp. °C
0		
1000		
2000		
3000		
4000		
6000		
8000	-20	
10000	-30	
12000	-50	
14000	-80	
16000	-80	

Act of 1938, punishable by Civil Penalty.

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AIRCRAFT LOG

REMARKS

10/11/71 I CERTIFY THAT THE ALTIMETER & STATIC SYSTEM TESTS REQUIRED BY F. A. R. 91.170 HAVE BEEN PERFORMED. THE ALTIMETER HAS BEEN TESTED TO 20,000 FEET.

Signature Richard D. Hair

Date 10/11/71

Certificate No. 1704477

BECKETT AVIATION CORP.
REPAIR STATION # 3790
Youngstown, Ohio

ALTIMETER No. VC-1852

Altimeter Reads	ADD Algebraically	
	Room	Temp. <u>22</u> °C

SCALE CORRECTIONS

Altimeter Reads	ADD Algebraically	
	Room	Temp. <u>22</u> °C

SCALE CORRECTIONS

Altimeter Reads	ADD Algebraically
	Room Temp. 22°C
0	—
1000	—
2000	—
3000	—
4000	—
6000	—
8000	- 20
10000	- 30
12000	- 50
14000	- 80
16000	- 80

ALTIMETER No. VB-1852

Altimeter Reads	ADD Algebraically
	Room Temp. 22°C
18000	- 60
20000	- 50
25000	—
30000	—
35000	—
40000	—
45000	—
50000	—
60000	—
70000	—
80000	—

TESTED BY — R. Anon

OCT - 1 1971

Date		Time in Air		Passengers Carried	NATURE OF FLIGHT
Year	Mo. Day	Hrs.	Min.		
		Oct 13	1971		TJ, 1096.
		Install New Tires on Mains and Nose Gear. Install New Brake Discs and lining on both mains. Check Control wheels for cracks as per A.D. 69-2272			
		Lester Mann AOP 1067096			
		12-3-71			Install Repaired Electric Turn & Bank
		Lester Mann AOP 1067096			
Total Forward					

Place of Last Airplane Overhaul

Date of Last Overhaul

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AIRCRAFT LOG

REMARKS	SIGNATURE
M-12-71. INSTALLED GENAVE TRANSPONDER BETA 500. SER. NO 20-70 NEW	
NEW EMPTY WT NEW CG NEW MOMENT 1371.4 87.4 120000.0	J.P. 3/8 ATP 303916
Jan 12 1972 Comply with Piper Service Letter # 597- Flap Control Cable Attachment Bolt.	T.T. 1166 Hrs.
Lester G Harris ADP 106 7096	
May 8 1972 Dress Prop Blades - Inflate Nose Strut.	T.T. 1200:3
Lester G Harris ADP 106 7096	

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Date		Time in Air		Passengers Carried	NATURE OF FLIGHT
Year	Mo. Day	Hrs.	Min.		
	July 4 1972				T.T. 12 25:73
					Hube Flight Controls. Service
					Battery + Hydraulic systems.
					Brake lining on right side. c/w AD 72-86
					by Dye Penetrant Inspection. Dye again
					at 1725 hrs. (Torque Link Insp) A.D. 71-14-6 P/C/W
					AD. 70-26-4 c/w by installing New Balance
					w/ tube P/N 69623-04V Finalizing A.D. c/w
					AD. 69-22-2 Control Wheel Insp. Replace
					Skat to Defroster. Replace vacuum filter
					Inspection as per
					Piper Form 230-207
Total Forward					

I CERTIFY THAT THIS AIRCRAFT HAS
 BEEN INSPECTED IN ACCORDANCE
 WITH AN Annual INSPECTION
 AND WAS DETERMINED TO BE IN
 AIR WORTHY CONDITION

Place of Last Airplane Overhaul

Date of Last Overhaul

Lester Ann ADP 1067096IA

AIRCRAFT LOG

REMARKS

SIGNATURE

March 19 1973

T.J.

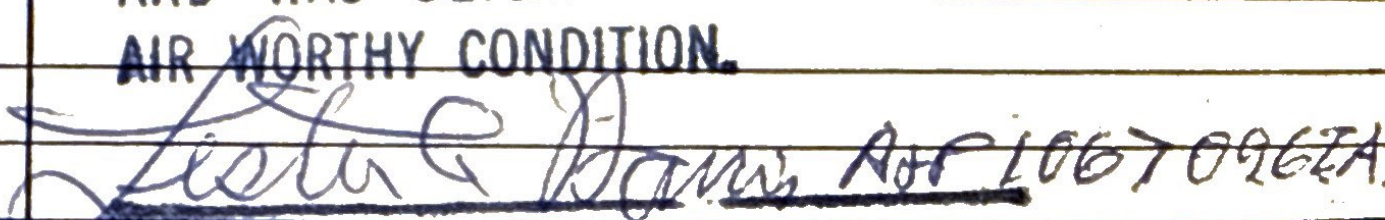
C/W Piper S/B 360 by installing kit #760639.

C/W AD 72-14-7 also Piper S/L 614 by checking torque & inspecting rear bulkhead.

C/W Piper S/L 615 by drilling stab drain holes at proper locations.

C/W Piper S/B 355 Fuel selector valve tube.

Tester Dennis ASP1067096

Date 73 Year Mo. Day	Time in Air		Passengers Carried	NATURE OF FLIGHT
	Hrs.	Min.		
7-3-73	13	58.2		Service Battery & Hyd. System. Free up brake pins on right gear. Replatt right brake linings. A.D. 69-22-7 (Control wheel) complied with tube flight controls. Inspection performed as per Piper Form 230-207.
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH <u>AN ANNUAL</u> INSPECTION AND WAS DETERMINED TO BE IN AIR WORTHY CONDITION.
				
Total Forward				

Place of Last Airplane Overhaul

Date of Last Overhaul

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AIRCRAFT LOG

REMARKS

SIGNATURE

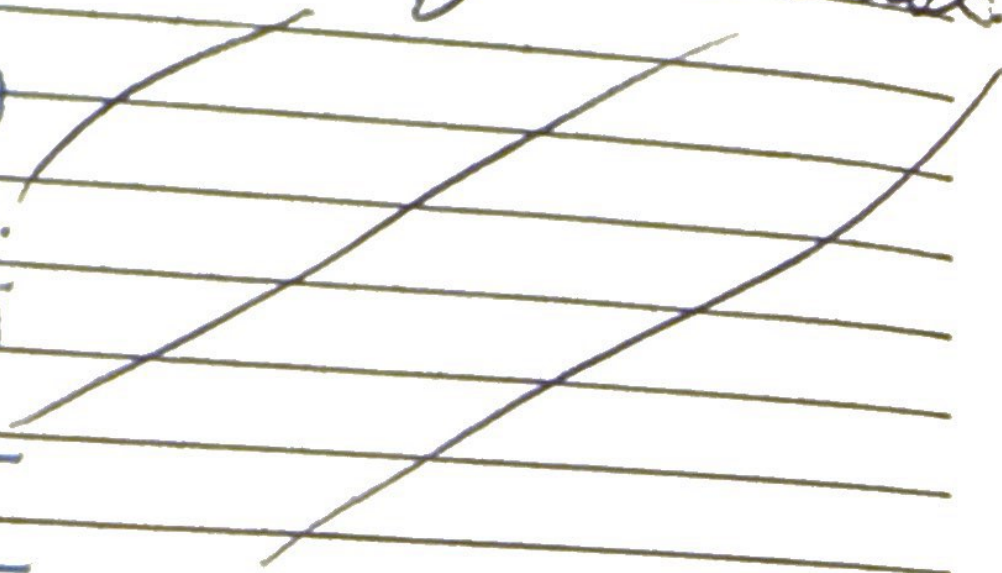
March 25 1974 Tach 1459.0 Removed Batteries
 for charge and cleaned & painted both. Both
 dressed hubs on prop and painted. Tightened
 pins, nut on control panel. Replaced
 vac. Inlet filter, corrected and installed
 new compass card. Replaced all three
 tires. Installed all bearings on Brakes
 new. Patched Baggage door sill strips

I CERTIFY THAT THIS AIRFRAME C.W AD 69-22-2 100HR Repeat control wheel
 HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR INSPECTION AND WAS DETERMINED TO BE IN
 AIRWORTHY CONDITION. DATE 3-25-74 TACH. READING 1459.0
 A&P R. Barlett 14546 TOTAL TIME

NEXT DUE 15/59.0

/

1974 Feb	1471.0 HRS.	Installed overhauled
SN 8928		By Astro Instruments. Installed
SN 8796		overhauled by Astro Inst.
I CERTIFY THAT THE SYSTEM STATIC		
SYSTEM TESTS REQUIRED BY F.A.R. PART 91.170		
AND PART 43 APP. 1 HAVE BEEN PERFORMED.		
THE AIRCRAFT IS LIMITED TO 20000 FEET		
DATE:	3-29-74	
A&P	R. Barlett	A# P1454611
Total Forward		



Place of Last Airplane Overhaul

Date of Last Overhaul

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ASTRO ^{Stock} INSTRUMENT INC. ~~DET.~~ MICH. 48213

PHONE: 313-839-9133

SCALE CORRECTIONS		
ALTIMETER READS	0	
	L	R
* 0	-5	
500	-10	
1000	-10	
1500	-15	
2000	-15	
3000	-10	
4000	-10	
6000	-10	
8000	-15	
10000	-30	
12000	-40	

ALTIMETER READS		
	L	R
14000	-40	
16000	-40	
18000	-40	
20000	-20	
22000		
25000		
30000		
35000		
40000		
45000		
50000		

DATE: 3-29-74
WOF 4575

TESTED BY: 
SN 8796

AIRCRAFT LOG

REMARKS

SIGNATURE

8/6/74 TACH 1558 RIGHT AILERON BALANCE WEIGHT
 TUBE & RUDDER TUBE CLEANED OF CORROSION &
 PAINTED, REPLACED ENGINE AIR INLET FILTER, C/W
 ADG9-22-2 CONTROL WHEEL NEXT DUE 1658
 REPAIRED HEAT SHROUD, INSTALLED ELT BRACKET BEHIND
 LEFT FRONT SEAT ELT S/N 45725

M. J. Pignone AEP
 29784581

I CERTIFY THAT THIS *aircraft* HAS BEEN INSPECTED IN ACCORDANCE

WITH *Annual*... INSPECTION AND WAS DETERMINED TO BE IN

AIRWORTHY CONDITION. DATE *8-6-74* TACH. READING *1558.0*

AEP *Jerry C. Keck*... TOTAL TIME

150832.....

Date		Time in Air		Passengers Carried	NATURE OF FLIGHT
Year	Mo. Day	Hrs.	Min.		
					Nov 27, 1974 Removed D.G & TOURN BANK INDICATOR. Installed DG SN 998 AT Tach Time of 1695hrs W.P. Sherman AP 1279960
					12-21-74 Replaced alternator with O.H. unit. Oliver R. Nelson AP 499355
					JANUARY 8, 1975 TT: 1676.9 CHECKED AD 74-24-13 THIS AD NOT APPLICABLE ON ALTIMETER SN 8796 SEE ASTRO INSTRUMENT INC., WO 44575 Frederick J. Stutter AP 2104709
Total Forward					

Place of Last Airplane Overhaul

Date of Last Overhaul

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AIRCRAFT LOG

REMARKS

SIGNATURE

2-12-75 TACTH 1712 hrs. Replanned left
 brake linings, P/C greased &
 lubed. Post checked. Hyd. system
 checked. I certify that this aircraft ^{Airframe} engine has been
 inspected in accordance with 100 insp. ~~100~~
 and was determined to be in airworthy condition
 at this time.

O. S. Burton **IA 1255224**

Date Year Mo. Day	Time in Air		Passengers Carried	NATURE OF FLIGHT
	Hrs.	Min.		
				2/1 Entered in Error PK5
March 28 1975				Each 1756.0 Lycoming Engine SN L10472-36A Removed for overhaul at Clydesdale Aircraft Corp. R. Barlett ACP 454611
May 15 th 1975				Each 1756.0 Same Engine SN L-10472-36A Installed and ground run and operation checked after all fuel and oil lines in engine bay replaced new. New last mounts used. R. Barlett ACP 454611
Total Forward				

Place of Last Airplane Overhaul

Date of Last Overhaul

AIRCRAFT LOG

REMARKS	SIGNATURE
<p>May 15th 1975 Tach 1756.0 checked AD- 75-8-3 inspection of drain valve secure per paragraph (a) only. checked AD 75-2-3 N.A. Axel fork not installed, checked AD 72-8-6 Landing gear torque links cracks at 2 1/2" diameter end. <u>500 hour recurring next due 2756.0 checked</u> <u>AD 69-22-2 control wheel cracks 100 hour</u> <u>recurring next due 1856.0 checked AD 75-2-3</u> not applicable. R. Barlett A# 1454611</p>	

Date		Time in Air		Passengers Carried	NATURE OF FLIGHT
Year	Mo. Day	Hrs.	Min.		
1975	12 31	1935			Annual inspection completed QD note 69-22-2 complied with by inspection QD note 7278-6 due at 2256 hrs. Right main gear leg changed due to bad Chrome.
					I CERTIFY THAT THIS aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH annual... INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATE 12-31-75 TACH. READING 1935.....
					A&P TOTAL TIME
					IA Charles R. Eubank 1455577
					<u>QD 69-22-2 due at 2035 hrs</u>
1-6-76	1942	C/U	Service letter 760 with Dye-pene-		
Total Forward	transit inspection OK				Charles R Eubank 1455577

Place of Last Airplane Overhaul

Date of Last Overhaul

AIRCRAFT LOG

REMARKS

SIGNATURE

Tech 1983.45 Oil Changed 50wt.
 Hercules W. (Det.) New Filter inst.
 W.O. McIntyre AEP 1254181

1-23-76 TACH: 2057 REBUILT LEFT WHEEL
 BRAKE CYLINDER AND RELINED BRAKES.
 Warden L. Richerson AEP 2148731

Year Mo.	Day	Hrs.	Min.	Passengers Carried	NATURE OF FLIGHT
					I certify that the altimeter and static system tests required by FAR Part 91.170 and Part 43 Section 4, #498 A-C, have been performed.
					The altimeter set to <u>20,000</u> W.O.# <u>7162</u>
					test on <u>April - 13 - 76</u>
					by <u>Astro Instrument Co</u>
					Signature <u>Charles R. Ecker</u> / <u>AP 1455577</u>
					Date (S. S. Test) <u>8-4-76</u>
<u>8-4-76</u>					<u>Install altimeter Ser # D 3713, this date system checks within limits</u> <u>Charles R. Ecker</u>
Total Forward					

Place of Last Airplane Overhaul

Date of Last Overhaul

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FOUNDATION



RETURN TO SERVICE TAG

Customer STOCK

Unit Name TURN & BANK

Manufacturer MITCHELL

S/N 5506C Type 12V

Overhauled Repaired _____ Other _____

by R. GRAVES Date 6-4-76

ASTRO Instrument Inc.
 11496 PORTLANCE - DETROIT, MICHIGAN 48205

10000	-30		45000		
12000	-40		50000		

DATE: 4-23-76 SIN D3717 TESTED BY: RWT
WA 7662

Total Forward

Place of Last Airplane Overhaul

Date of Last Overhaul

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8-10-76 inst
 + bank by A
 Ser # 5506C

9-28-76 TACH
 Ardent P. Ric

13-7-76 tach 2187
 CD notes G
 72-8-6 C. 1/6
 76-07-12

main gear
 site
 install
 step, re

NOTICE:—Making false

FOUNDATION



RETURN TO SERVICE TAG

Customer STOCK
 Unit Name TURN & BANK
 Manufacturer MITCHELL
 S/N 5506C Type 12V
 Overhauled Repaired _____ Other _____
 by R. GRAVES Date 6-4-76

ASTRO Instrument Inc.
 11496 PORTLANCE - DETROIT, MICHIGAN 48205

10000	-30		45000		
12000	-40		50000		
DATE: <u>4-12-76</u>		S/N <u>D3717</u>		TESTED BY: <u>RWT</u> <u>WA 7662</u>	

Total Forward _____
 Place of Last Airplane Overhaul _____
 Date of Last Overhaul _____
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.....
 system tests
 43 section
 O.# 7162
 Co
 4P1455577

5113 this date
 by signature
truhof

AIRCRAFT

REMARKS

8-10-76 install over
bank by Astro INS
Ser # 5506C
9-28-76 TACH: 2104 Inst
Arden. Rich Creek A
1-3-77 Tach 2187 Ins. Ans
AD notes G9-22-2 C/
72-8-6 C/w torque
76-07-12 Guy Ben
main gear ties
lite bolts, and
install heated
step, repair l

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

RETURN TO SERVICE TAG

Customer STOCK

Unit Name TURN & BANK

Manufacturer MITCHELL

S/N 5506C Type 12V

Overhauled Repaired _____ Other _____

by R. GRAVES Date 6-4-74

ASTRO Instrument Inc.

11496 PORTLANC — DETROIT, MICHIGAN 48205

10000	-30		45000		
12000	-40		50000		

SECTION TESTS

IS Section

O.# 7160

Co

WPT 4555

5113 Miss da
no limits

AIRCRAFT LOG

REMARKS

SIGNATURE

8-10-76 install overhauled Mitchell Furn
 & bank by Astro Instrument Co. WO# 7210
 Ser# 5506C

9-28-76 TACH: 2104 Installed alternator PIN 2642997.
 Ardent L. Richcreek AEP 2148731

3-7 Tach 2187 hrs. Annual inspection completed
 AD notes 69-22-2 C/w insp. of control surfaces
 72-8-6 C/w torque insp. with dye penetrant
 76-07-12 Yw Bendix Switch, Change both
 main gear tires & tubes, Change landing
 lite ~~bulb~~, and rotating speed cone pulbs.
 Install heated Pitot Kit, install ser with
 step, repair landing light wire,

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				
				repair stall warning light Replace cabin int. duct & oil cooler duct. I certify this aircraft has been inspected in accordance with a annual inspection and was deter- mined to be in airworthy condition.
				Charles R. Eddy IA 1455577
				All AWC notes thru 76-25 checked OK
				1-3-77 Install Paper Kit 757-004. Heated Panel set in accordance with drawing # 19046
				New Empty wt. - 13785.7
				New EWCG 5757
				New Useful load - 1930.7
				New moment - 120790.31 Charles R. Eddy IA 1455577
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 1933, punishable by Civil Penalty.

AIRCRAFT LOG

REMARKS

SIGNATURE

6-13-77, tach 2318 hrs time in Service. Prepare new
wh. & balance supplement to reflect previous
removal of External power cable.

Rflr 4251251544

6-30-77 Recording Tach 2318 Replaced Left Fuel Tank
see 337 dated 6-22-77, painted rear section of
fuselage, greased gear, wheel bearing checked
C/W AD 69-22-2 control wheel insp. insp I/A/W LAI
inspection form, all other routine maintenance performed

I Certify that this airframe has been
inspected in accordance with a 100
hour inspection and was
determined to be in airworthy condition

Alan R. Olson AEP 506625880

AIRCRAFT LOG

REMARKS	SIGNATURE
<p>14 July 77 Recording Tach 2319 changed main output circuit breaker P/N 454-70 & alternator P/N-2642997 Serial No 15820R semi maintenance. Release dated 23 Aug 76</p>	<p style="text-align: right;">Alan Olin AEP 506627880</p>
<p>7/25/77 Recording tach reading 2320 hrs. Install new wire regulator. Runup okay.</p>	<p style="text-align: right;">Daniel R. Ore AEP 505721584</p>
<p>8-30-77 Tach reading 2326 hrs. Install new nose wheel fork. Rflno. ATE1251544</p>	

Date		Time in Air		Passengers Carried	NATURE OF FLIGHT
Year	Mo. Day	Hrs.	Min.		
SPENCER AVIONICS					
Municipal Airport Spencer, Iowa 51301					
FAA Repair Station #304-45					
This is to certify that the ATC transponder below has been inspected and tested as required by FAR 91.177 and to be in compliance with Appendix F of FAR 43.					
Model #		New AT-50A		S/N # 39484	
W.O. #		748		Date 5/24/78	
Inspector		W. Hume		AV # 2263605	
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

ALTIMETER SCALE ERROR

DATE MAY 24, 1978

UNITED ALT. P/N LA-71-11

Number
ALT

Altimeter Re-certification IFR

MAINTENANCE RELEASE

Model # United PINLA-71-11 S/N # D3717

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 of the repair are on file at this agency under

W.O. # 748 Date 5/24/78

Inspector W.R. Henne AV # 2263605

SPENCER AVIONICS

Municipal Airport Spencer, Iowa 51301

FAA Repair Station #304-45



SPENCER

Municipal Airport

FAA Repair Station

I certify that the repair was performed in accordance with the requirements of FAR 43.161.

The altimeter was inspected and found to be accurate.

Signature W.R.

Date 78 Year Mo. Day	Time in Air		Passengers Carried	NATURE OF FLIGHT
	Hrs.	Min.		
August 10, 1978				Tach 2423 hrs 100 hr Inspection Opened access covers Inspected wings Control cables Liners & Pape checked Landing gear Area. Checked Wheel Tires & Brakes. Serviced Battery Checked Control Yoke. Checked Control horns for cracks as per A.D. 69-72-02 Checked Elevator & Rudder Checked Vertical Stabilizer. E/H Removed for Repair. Checked A.D.s See Back of Book for listing. Slight seepage around Rivet on R.H. fuel tank Parts on order.
				Date <u>8-10-78</u> Tachometer reading <u>2423</u> Total time as recorded <u>2423</u> hrs. I certify that this (aircraft) (engine) has been inspected in accordance with an Annual (100 hr.) inspection and was determined to be in an airworthy condition. Sig. <u>Alvin Martin</u> A&P <u>48570609</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

Date 8-11-78 Tachometer reading 2423

Total time as recorded 2423 hrs. I certify

that this (aircraft) (~~engine~~) has been inspected
in accordance with an ANNUAL (~~100 hr.~~) inspection
and was determined to be in an airworthy condition.

Sig. Donald Johnson A&P 452193

For Northwestern Flyers, Inc., Sioux City, Iowa.

9-11-78 Installed P/T with battery due date
of 6-1-80 Donald Johnson A&P 452193.

Date		Time in Air		Passengers Carried	NATURE OF FLIGHT
Year	Mo. Day	Hrs.	Min.		
2-16-79		24	25		<p>Removed R. H. fuel tank for seal repairs Tank Resealed By C.S. Platt 85 N. Main St. Middlesboro, PA. 19067. Reinstalled Tank. Tested for leaks See B37 Dated 2-8-79. Allen W. Martin KFP 485 701091</p>
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
<p>11 Sept 1979 <i>Task and total time</i> <i>all A.D.'s due to this engine.</i></p> <p style="text-align: center;">I CERTIFY THAT THIS <i>Engine</i> HAS BEEN INSPECTED IN ACCORDANCE WITH A <i>periodic</i> INSPECTION AND WAS DETERMINED TO BE IN AN AIR- WORTHY CONDITION.</p> <p style="text-align: center;"><i>J. Leboysee</i> <i>A&P 1851297</i></p>	<p>2569.8</p>

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

Date		Time in Air		Passengers Carried	NATURE OF FLIGHT
Year	Mo. Day	Hrs.	Min.		
11	Sept. 1979				Tachy and total time 2569.8
	AD 69-22-02				C/W by inspection O.K.; 70-16-05
					C/W by inspection O.K.; 72-14-07 due 2687
	AD 69-09-03				C/W sent to Fix Prop shop for
	W.O. 79-126				due in 500 hrs. Change and put
					new nose wheel legs, released brakes, brake
					discs are just in limits by 2055. All AD's
					C/W today Elb. due 6-80.
					I CERTIFY THAT THIS aircraft
					HAS BEEN INSPECTED IN ACCORDANCE
					WITH A <u>Annual</u> INSPECTION AND
					WAS DETERMINED TO BE IN AN AIR-
					WORTHY CONDITION.
Total Forward					

I CERTIFY THAT THIS ~~aircraft~~
 HAS BEEN INSPECTED IN ACCORDANCE
 WITH A Annual INSPECTION AND
 WAS DETERMINED TO BE IN AN AIR-
 WORTHY CONDITION.

[Signature]
 ATP 1851297 FA

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

20 Sept. 1979, Total Time 2574.8
 installed new brake discs P/N 164-20 on
 both main wheels. and checked out O.K.
 Jeffery Lee

A&P 1851 297

1 Apr 80 Tech Recd 2633. New Rotating Beacon installed.
 Ed. [Signature]
 H&B 214613

SM

NATURE OF FLIGHT

Date	Time in Air Hrs. Min.	Passengers Carried	
SPENCER AVIONICS			
Municipal Airport	Spencer, Iowa 51301		SPENCER AVIONICS
FAA Repair Station #304-45			Municipal Airport Spencer, Iowa 51301
			FAA Repair Station No. 304-45
I certify that the ATC transponder below has been inspected and tested as required by FAR 91.177 and to be in compliance with Appendix F of FAR 43.			I certify that the altimeter and static system tests required by FAR 91.170 have been performed. The altimeter was tested to 20,000.
Model # <u>AT-50A</u>	S/N # <u>39484</u>		Signature <u>[Signature]</u>
P.O. # <u>2179</u>	Date <u>1-25-80</u>		Date <u>1-25-80</u>
Inspector <u>[Signature]</u>	AV # <u>481587331</u>		

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.

ALTIMETER SCALE ERROR

DATE 1-25-80Nomenclature
ALTIMETER PRESSURE

SERIAL NO.

UNITED 3717

Test PT (ft)	Indicator Readings at + 25° C	Test PT (ft)	Indicator Readings at + 25° C	Test PT (ft)	Indicator Readings at + 25° C
-1000	-15	8,000	-30	30,000	
00	0	10,000	+10	32,000	
500	-10	12,000	+20	35,000	
1000	0	14,000	+30	40,000	
1500	-5	15,000	—	45,000	
2000	-5	16,000	+40	50,000	
3000	-10	18,000	+50	55,000	
4000	-20	20,000	+40	60,000	
5000	—	22,000		70,000	
6000	-20	25,000		80,000	

Total

AIRCRAFT LOG

REMARKS

SIGNATURE

5 May 80 Tech Recd 2673. Replaced left & right main
tires.

[Handwritten Signature]
AP 2146/13

Date Year Mo. Day	Time in Air Hrs. Min.		Passengers Carried	NATURE OF FLIGHT
July 9, 1980	Tach Time	2732 hrs		
	Installed Bendix T-12C ADF system including receiver, indicator, loop antenna, loop cable, sense antenna, sense lead-in coax and associated audio and interface cabling. Installation done in accordance with Bendix installation manual and AC 43.13-2. New weight and balance and equipment list revision form prepared and entered into aircraft records. Note: Nalco transponder installed in removed glove box to permit center stack space in ADF receiver. William R. Keme			
	NEW A/C EW	1393.0 lbs		
	NEW A/C CG	87.43"		
	NEW USEFUL LOAD	1017.0 lbs		
Total Forward				

SPENCER AVIONICS

Municipal Airport Spencer, Iowa 51301
FAA Repair Station No. 304-45

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

REPLACE BATTERY
BEFORE 7-1-82

REMARKS

SIGNATURE

3 Oct 80 Tech Recd 2808. wheels & brakes checked. New bearings installed left brake. New ELT battery installed. Due Repl 7-1-82. Repl. rear new lite bulb. Gy A.D. 70-07-12, 69-22-02, 78-09-07, 77-14-07 + 72-08-04. I certify this Aircraft was inspected in accordance with an Annual inspection and was determined to be in Airworthy condition.

[Signature]
Agt 2186113 TCA.

PERIODIC

Aircraft

Mfg.

Model

License No.

Time to

Date—Hrs..... Min.....

Fuselage, Tail Group and Covering

Wings and Ailerons, Flaps and Covering

Landing Gear & Tail Wheel or Skid and Tires

Engine Installation and Cowling

Fuel Tanks and Connections

Control Cables & Pulleys Internal & External

Struts, Fittings and Wires

Alignment and Condition of Propeller

Instruments, Lights, Starter & Battery

PERIODIC INSPECTION REPORT

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

Note condition and list repairs, replacements, etc.

Engine

Mfg.

Model

Serial No.

Total Time

Hrs. Min.

~~last~~ 14 Nov. 1981 *Task & Total Time*

2869. AD 69-22-02 c/w O.K.

AD 80-24-03 NA S/M, installed

new hull in bealon. All AD's c/w to date. Prop. Time 399.2 S/MOH

I CERTIFY THAT THIS *Aircraft* HAS BEEN INSPECTED IN ACCORDANCE WITH A *Annual* INSPECTION AND WAS DETERMINED TO BE IN AN AIR-WORTHY CONDITION.

Hub Design
Blade Design

Serial
Serials

Signature
P. 1851297 JA

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.

LIST CAA-18-1 REPAIR AND ALTERATION FORMS HERE

AD No.	DESCRIPTION	N/A SIN
72-17-5	TRIM SWITCH	N/A SIN
73-7-4	MAG. COILS	N/A SIN
73-23-1	PISTON PINS	N/A SIN
74-9-4	REAR SEAT BELT	N/A SIN
69-22-2	CONTROL WHEEL CRACKS Tach 1558 100HR REC'D	NEXT DUE 1658
75-08-03	FUEL DRAIN VALVE 7-25-75	C. Cihol

AIRCRAFT DESCRIPTION

MANUFACTURER Piper MODEL PA 28-180 DATE OF MFG. Dec 7, 1966
SERIAL NUMBER 28-3786 REGISTRATION NUMBER 9629J

REGISTERED OWNER _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
OPERATOR _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
REGISTERED OWNER _____
STREET ADDRESS _____
CITY, STATE, ZIP _____
OPERATOR _____
STREET ADDRESS _____
CITY, STATE, ZIP _____

Inspection Status

[Check one]

- F.A.R. 91.169 ANNUAL/100 HOUR
- F.A.R. 91.71 PROGRESSIVE
- F.A.R. 91.217 SUBPART D
- F.A.R. 135.60 A.T.C.O.
- OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE			R
			L
PROPELLER			R
			L
18 Nov. 1982 Tach. 3046			
Prop. Sencish M76EMM560 5/11 39475 H. 476, 2 SMOH			
AP 69-22-07 1/2 OK. ALL AD'S 1/2 To date.			
seal in right strut replaced.			
I CERTIFY THAT THIS aircraft ^{aircraft}			
HAS BEEN INSPECTED IN ACCORDANCE			
WITH A annual ^{annual} INSPECTION AND			
WAS DETERMINED TO BE IN AN AIR-			
WORTHY CONDITION.			
<i>Shyster</i>			
AFP 1851247 JA			

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
DEC		Tach 3134.43 TT 3134.43	
		Check Cables, Pulleys, push rods and Fairleads	
Check	LANDING	Gear BRakes Tires and wheels	
Check and service	Battery.	Check LIGHTS and Elect. SYSTEM. Lube Hinges and pulleys. Repack and	
Check	Wheel BEARINGS.	REPLACE SPINNER	
FRONT	plate	REPLACE EIT Battery. Good Till	
NOV 1985.	Check	ADS, See LIST in front of Logbook.	
		I certify this Aircraft has been	
		INSPECTED in accordance with an	
		ANNUAL INSPECTION and has been	
		FOUND TO BE in AN AIR WORTHY	
		CONDITION at this Time.	
		Daniel B. Orona	
		IA 1959262	

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
Nov 28, 1984	1984	Lack time is total time =	<u>3178 hrs</u>
		<p>Opened inspection plates Chkd structures Lubricated controls as necessary. Chkd battery & bag. Installed new brakes & new brake calipers on both main gear. Installed new tires on main & nose gear 6:00 - 6 ply tires. C/w AD 69-22-2 ok at this time by inspection of control wheels. C/w AD 76-07-02 ok by inspection of magneto switch. (bending switch) Chkd E.L.T. OK new bat Due Nov 85</p>	
		<p>TI 3178 hrs</p> <p>I certify that this AIRCRAFT has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in Airworthy condition</p> <p><u>LA 2138971</u></p> <p><u>11-28-84</u> <u>M. J. [Signature]</u></p>	

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
3/7/85		Replaced INTERIOR (SEATS, SIDE PANELS, CARPET)	
		Touch up interior paint, Repair wing tip.	
		Recover DASH. Replaced DOOR SEAL	
		Standard	
3/7/85		SPRAYED INTERIOR WITH FINE REMOVANT.	
		Standard	
		Standard	
		48176404	

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
2/25/86	3234.13	Re fiberglassed Lower cowling + repainted	
		Re fiberglassed wing tips + repainted	
		Re fiberglassed nose gear fairing +	
		repainted	
<p><i>John</i></p> <p>April 12, 1986 Back 3234.6 hrs Atts 2758.1 3278.6 total time.</p> <p>General structure Ckd Controls lubricated as needed. Ckd brakes & fluid level. Ckd battery & installed new FLT Bath Due again <u>2-1-88</u>. C/W AD 69-22-2⁰⁴ by insp of control wheel at the time C/W 76-07-12 of by insp of mag switches. Replaced linings on left brake.</p>			
<div style="border: 2px solid red; padding: 5px; margin: 10px auto; width: 80%;"> <p>TR 3278.6 I certify that this A/C has been inspected in accordance with a <u>ANOWAT</u> inspection and was determined to be in Airworthy condition <u>TR 2138971</u> TR on time 3234.6 <i>Thomas [Signature]</i></p> </div>			

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
		C/W Peper AD 86-17-01 by removing old ammeter and installing paper ammeter kit # 765-186V	
Feb 17, 1987		Tack time 326.9 hr	
		Thomas A. Bernier	
		2138971	

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
April 18, 1987	3279.42 hrs TT	<p>Opened inspection Cked structure Lubricated Controls Cked Batter & battery box. Cked elec system. Cked Brake fluid. Replaced air induction filter Cleaned fuel screen. C/W AD 69-22-2 ok by inspection of Control wheel C/W AD 72-08-06 Torque links ok by inspector (Done at 3261.9 hrs). C/W AD 76-07-12 ok by insp. of Bendix mag switch. Owner chooses not to C/W Piper S/B's for aluminum elec cables & rear spar Insp. at this time.</p>	
	TT 3279.42	<p style="color: red;">I certify that this Aircraft has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in Airworthy condition</p> <p style="color: red;">IN 2138971 April 18, 1987 <u>Thomas A. Burnett</u></p>	

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
	Nov. 23, 1987	Tack time 3424 hr. TT.	
		Removed DG & Ele. T&B. Reinstalled serviceable DG & T&B, ^{ELE.} no weight change.	
			Thomas A. Burmeister A&P 2138971

DATE 4/1/88 AC HRS. 3441.58 N# 9629J

Removed ADF-T12-C LAMP tuned
 Re installed in A/C LAMP test Good

For pertinent details of this maintenance action reference

Work Order(s) 19008

Signed: Alfred Heel



VanDusen - Des Moines Flying Service
 FAA Approved Repair Station
 #361-16

Issued in Lieu of Logbook Entry.

AGENCY & CERTIFICATE NO.
WORK PERFORMED/RETURNED TO SERVICE

4 hr. T.
Reinstalled
weight change.

A. Bermentel
2138971

MAINTENANCE RECORD *ELT Batt Due 3-90*
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
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April 1, 1988	C/C TT 3428.93 hrs. is tack time.	opened structure checked controls, checked battery box, & elec system, cleaned fuel & air filters. Installed new unites & new a/s indicators. Removed Artif-Hory & installed Reman arti prog. (air altia). no wt change. Installed new brake linings both wheels. C/W AD 69-22-02 ok by insp. C/W AD Bondix SW 76-07-12 ok by Insp. Installed new EBC 102 ELT Batt.	
---------------	-----------------------------------	---	--

April 1, 1988
TT 3428.93 hrs

Inspected in accordance with Approved A/C
inspection and was determined to be in Airworthy condition
IA 2138971

Thomas Bermentel

MAINTENANCE RECORD

ELT Batt Due 3-90

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
April 1, 1988	A/C TT 3428.93 hrs	<p>is tack time,</p> <p>opened structure Chkd Controls, Chkd Battery Box, & elec system, Cleaned fuel & air filters. Installed new unvented fuel caps and vent tubes. Removed Artif-Hory & installed Reman artif Prop (air altia)</p> <p>no wt change. Installed new brake linings both wheels. C/W AD 69-22-02 ok by insp. C/W AD Bombis sw 76-07-12 ok by Insp. Installed new EBC 102 ELT Batt.</p>	
April 1, 1988		TT 3428.93 hrs	<p>Inspected in accordance with <u>A/C</u> <u>213897</u> inspection and was determined to be in Airworthy condition</p> <p><u>Thomas [Signature]</u></p>

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
5/18/88		Installed UGR 2, Nav 112, CI 205-1, Delta 303 Removed Delta 202. Installation done in A/W mfg. instructions & AC 43.13-1A & 43.13-2A See weight & bal change CRS 3466 <i>M. Satnan</i>	
		This Altimeter/Static altitude reporting system has been inspected & tested in A/W FAR 91.171 and found to comply with FAR Part 43 Appendix E, to <u>20000</u>	This Transponder has been tested in A/W FAR Appendix E <u>91.172</u> <u>18 May 88</u>
		Date <u>18 May 88</u>	Signed <u><i>M. Satnan</i></u>
		Signed <u><i>M. Satnan</i></u> for SATNAN AVIONICS CRS 3466 SIOUX FALLS, SD	SATNAN AVIONICS CRS 3466 SIOUX FALLS, SD.
5/20/1988	3461.73	CRACKING FOUND AROUND COMM ANT AT STATION 190 ATP 504706600 <i>John H. Burd</i>	STOP DRILLED CRACKS + APPLIED REINFORCED DUBBLE

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
9/13	3577	Replaced both main tires with Air Hawk tires - replaced wheel bearings J. [Signature] 481-76-4087 OWNER	

43

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
April 28, 1989		Tack time = 3649.5	is total time

Opened structure, checked controls, cables & pulleys. Checked Battery & box. Checked lights. Installed main induction air filter, installed new brake linings & packed nose wheel bearings. C/W AD 69-22-2 ok by inspection of control wheel. AD 76-07-12 C/W ok by inspection of operational ck of mag sw. Cleaned fuel screen. Check EIT ok. Next battery due. 3-90.

APR 28, 1989
 TT 3649.5

AIRCRAFT

has inspected in accordance with an ANNUAL
 inspection and was determined to be in airworthy condition

APP 2138971

IA *Thomas A. Bermeiter*

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE _____ AIRCRAFT TIME IN SERVICE _____

DATE 5/10/91 A/C HRS. 3921.31 N# 9629J

Removed D-170-P2T s/n 58855 installed AR-250 s/n 81312

I certify that the transponder and the mode c/s data correspondence tests and inspections required by FAR 91.217 and 91.413 have been performed in accordance with Fair 43 Appendices "E" and "F".

SN #1 39454 SN #2 _____ SN ENCODER 81312

Page Avjet Airport Services PGQR-057L
Des Moines, IA 50321

Signature Arnold D Hill

For pertinent details of this maintenance action reference _____

Work Order(s) 821

Signed: Arnold D Hill MSP
19

Page Avjet Airport Service, Inc.
FAA Approved Repair Station
PGQR-057L

Issued in Lieu of Logbook Entry.

DATE _____ AIRCRAFT TIME IN SERVICE _____

SIGNATURE _____

DATE 5/9/91 A/C HRS. _____

I certify that the altimeter and static system FAR 91.411 have been performed. The altimeter tested to 20,000 feet. Data _____
Page Avjet Airport Services
FAA Repair Station #PGQR057L

Signature Arnold D Hill

Next Assigned Sticks

For pertinent details of this maintenance action reference _____

Work Order(s) _____

Signed: _____

Issued in Lieu of Logbook Entry.

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE 5/10/91 AC HRS. 3921.31 N# 9629J

REMOVED D-120-P2T S/N 58855 INSTALLED AR-250 S/N 81312

**I certify that the transponder and the mode c/s data
correspondence tests and inspections required by FAR
91.217 and 91.413 have been performed in accordance with
Fair 43 Appendices "E" and "F".**

SN #1 39484. SN #2 _____ SN ENCODER 81312

Page Avjet Airport Services PGQR-057L

Des Moines, IA 50321

Signature Aeneas D Hill

For pertinent details of this maintenance action reference

Date 821

Work Order(s)

Signed: Aeneas D Hill

Page Avjet Airport Service, Inc.
FAA Approved Repair Station
PGQR-057L

Issued in Lieu of Logbook Entry.

CORD
217

STATUS & DISCREPANCY LIST
APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

J

SN 81312

Service, Inc.
Repair Station

INSPECTION RECORD F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE _____ AIRCRAFT TIME IN SERVICE _____

DATE 5/9/91

A/C HRS. _____

N# 96295

I certify that the altimeter and static system tests required by FAR 91.411 have been performed. The altimeter has been tested to 20,000 feet. Date 5-9-91
Page Avjet Airport Services
FAA Repair Station #PGQR057L

Signature Devell E. Gordon

West. Airplane Service

For pertinent details of this maintenance action reference

Work Order(s) _____

Signed: _____

Page Avjet Airport Service, Inc.
FAA Approved Repair Station
PGQR-057L

Issued in Lieu of Logbook Entry.

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

May 18, 1991 Tech time = 3722.23 hr. TT = SAME
 Opened structure checked cables & pulleys.
 Lubricated as necessary. Checked & serviced battery
 and battery box. Checked lights & elec. sys components.
 Installed new brake linings on both main
 gear. Packed wheel bearings. Cleaned induction
 air filter. C/W AD 69-22-2 ok by insp of control
 wheels for cracks. C/W AD 76-7-12 ok by insp
 of Bendix ign switch. EKT Battery Due 9-91.

May 18, 1991 Total time = 3722.23 hrs.

I Certify that this aircraft was inspected
 in accordance with an annual inspection
 and was determined to be in airworthy
 condition.

A/P 2138971 IA Thomas R. Burnett

EST Batt Due
May 1994

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
April 4, 1992	Tach time 3753.33 hr. TAF = Same	<p>Opened structure chkd cables + pullups. Chkd and serviced battery + box. Chkd lites and electrical components for proper operation installed new throttle + mixture controls. C/W AD 69-22-2 ok by inspection of control wheels for cracks. C/W AD 046-7-12 ok by insp. of Bendix freq. sw. Installed new EBC 102A EST Batt. new batt due May 1994. Installed new Met-Cr Aire wing tips on both wings. See 357 this date for details (STC SA880WE) C/W AD 72-8-6 ok by insp of landing gear torque links. Dye chkd for cracks.</p>

Date	4/4/92	Tach Time	3753.33	Total Time	SAME
I certify as of this date that this AIRCRAFT has been inspected in accordance with an (Annual-100hr.) inspection and was determined to be in airworthy condition.					
FA Cert. No.	2138971	Signature	Thomas Burnett		

INSPECTION RECORD

F.A.R. 43.11 - 91.217

E LT Both Due
May 1994

DATE

AIRCRAFT TIME
IN SERVICEKIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

May 1, 1993 Tach time 3791.59 hrs. = TTRAF = SAME

Opened structure & checked cables & pulleys. Lubricated as necessary. Checked elec system & lights. Cleaned & painted battery box. Installed new 12 V 35 Amp Concord a/c battery. Installed all new brake pads. C/w AD 76-07-12 ok by shop of Bendix ign sw. greased landing gear. Checked brake fluid. Checked controls for travel & freedom of movement. Ch. panel for proper placards. Cleaned fuel screen & checked air inductor fitted.

Date	5/1/93	Tach Time	3791.59	STATUS	SAME
			Total Time	TTRAF	
I certify as of this date that this AIRCRAFT has been inspected in accordance with an (Annual) () inspection and was determined to be in airworthy condition.					
Cert. No.	JA 2138971	Signature	Thomas [Signature]		

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE AIRCRAFT TIME
IN SERVICE

I certify that the altimeter and static system tests required by FAR 91.411 have been performed. The altimeter has been tested to 2000 feet. Date 8-27-93

Signature Flight Support
FAA Repair Station #PGQR057L

Signature David Elf

INSP
9

MAINTENANCE RELEASE
MODEL Altimeter N° 3038
This component was repaired & inspected in accordance with current F.A.R.'s and is approved for return to service.
DATE 8-27-93 W.O. # 3038
INSPECTOR David Elf
SIGNATURE FLIGHT SUPPORT
Des Moines, IA FAA CRS PGQR-057L

I certify that the transponder and the mode c/s data correspondence tests and inspections required by FAR 91.217 and 91.413 have been performed in accordance with Fair 43 Appendices "E" and "F".

SN #1 59484 SN #2 NA SN ENCODER 81312

Page Avjet Airport Services PGQR-057L
Des Moines, IA 50321

Signature Jon R. Swanson

Date Aug - 27 - 1993

INSP
20

3805.32

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISAPPROVING

DATE

AIRCRAFT TIME
IN SERVICEDate: May 7, 1994 T/AF = 3819.12 Mo. ^{TACK.}

Opened inspection plates, checked structure, lubricated controls as necessary. packed wheel bearings. Checked brakes & fluid. Checked battery & battery box. Checked electrical system. C/W AD 76-7-92 ok by inspection of Bendix Ign. Switch. Installed new PBC 102A E.L.T. Battery New batt due 6-96. Cleaned intake air filter.

May 7, 1994 Tack time 3819.12 T/AF
I Certify that this aircraft has been
inspected in accordance with an Annual
inspection and was determined to be in
airworthy condition

Thomas R. Bermeister
IA 2138971 APP.

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
May 20, 1995		<p>tach time is total time = 3842.81 TTAF</p> <p>Opened inspection plates Chkd Structure & lubricated as necessary. Chkd battery & bath box. Cleaned & painted box. Chkd elec. systems. Chkd brakes & hyd. sys. C/w Bendix SW AD 76-07-12 OK by insp of Bendix SW. C/w Becoming 5/B 518A OK by insp of thermostatic by-pass valve. C/w AD 6922-2 up by insp of control wheels for cracks. Chkd E/LT in accordance with FAR 91.207 Para D.¹²³⁶ New E/LT Bath Due 6-96.</p>
Date		<p>5/20/95 Tach Time 3842.81 Total Time 3842.81 TTAF</p> <p>I certify as of this date that this AIRCRAFT has been inspected in accordance with an (Annual) inspec- tion and was determined to be in airworthy condition.</p> <p>Cert. No. ^{JA} 2138971 Signature Thomas Hermeister</p>

DATE	AIRCRAFT TIME IN SERVICE	S
I certify that the transponder correspondence tests and inspections 91.217 and 91.413 have been performed in accordance with FAR 43 Appendices 'E' and 'G'.		
S/N #1 <u>139484</u> S/N #2 _____		
Des Moines Flying Service, Inc. Des Moines, Iowa 50321		
Signature <u>[Signature]</u>		
Date <u>8-21-95</u>	W.O.# <u>2962</u>	

Des Moines Flying Service, Inc. - Serviceable -

Customer _____

Reg. No. 16291 A/C Type _____

Mfg. _____ Model PA15A

Part No. _____ S/N 4125

Component Name Altimeter

Remarks _____

The Aircraft and/or component identified above was repaired and inspected in accordance with 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~~ Check list No. 4125 Date 8-21-95

Des Moines Flying Service, Inc.
FAA Repair Station #G9CR485J

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO.	KIND OF INSPECTION - F.A.R. NO.
<u>June 6, 1996</u>	<u>track time</u>	<u>[Signature]</u>	<u>711</u>
<u>Expanded insp. plates checked elec. system including hyd. brake res. installed all bearings C/w Bendix type C/w AD 69-22-2 ok by IX cracks. C/w AD 96-10-03 pipes S/B # 965 installed C/w AD 95-26-13 by rep type "C" hoses w/ fire sleeve checked ELT in afw FAR 91.403 ground charges not to be any longer. [Signature]</u>			

DATE	AIRCRAFT TIME IN SERVICE	S
------	--------------------------	---

I certify that the transponder
correspondence tests and ins
91.217 and 91.413 have been
with FAR 43 Appendices "E" and

S/N #139484 S/N #2
Des Moines Flying Service, Inc.
Des Moines, Iowa 50321

Signature *Arnold D*

Date 8-21-95 W.O. # 2962

Des Moines Flying Service, Inc. - Serviceable -

Customer _____
 Reg. No. 9629J A/C Type _____
 Mfg. _____ Model DMF5A
 Part No. _____ S/N 423
 Component Name Altimeter
 Remarks _____

The Aircraft and/or component identified above was repaired and inspected in accordance with Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file of this Agency.

Under ~~the~~ checklist No. 423 Date 8-21-95
 Des Moines Flying Service, Inc.
 FAA Repair Station #G9CR485J

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE
------	--------------------------	-----------

June 6, 1996 Tech
Expanded insp. p
Chkd elec system
Hyd. bsk res. frator
bearings C/W Be
C/W AD 69-22-2
Cracks. C/W AD 9
pipes S/R # 965
C/W AD 95-26-13
type "C" based w/
Chkd EXT in aft
owner chooses
any longer. E

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE
------	--------------------------	-----------

I certify that the transponder
correspondence tests and ins
91.217 and 91.413 have been
with FAR 43 Appendices "E" and
S/N #1 139484 S/N #2
Des Moines Flying Service, Inc.
Des Moines, Iowa 50321

Signature [Signature]

Date 8-21-95 W.O. # 2962

Des Moines Flying Service, Inc.
-Serviceable -

Customer _____
Reg. No. 96291 A/C Type _____
Mfg. _____ Model DMFSA
Part No. _____ S/N 4125
Component Name Altimeter
Remarks _____

The Aircraft and/or component identified above was repaired and inspected in accordance with Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this Agency.

Under Charter No. 4125 Dated 8-21-95
Des Moines Flying Service, Inc.
FAA Repair Station #G9CF485J

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE
------	--------------------------	-----------

June 6, 1996 tech
Expanded insp. plan
Chkd elec system
Hyd. bk ser. frontal
bearings C/W Ben
C/W AD 69-22-2 ok
Cracks. C/W AD 96
pipen S/R # 965
C/W AD 95-26-13
type "C" hoses w/fin
Chkd ELT in afw
Ground Chassis no
any longer.

DATE AIRCRAFT TIME IN SERVICE S

I certify that the transponder correspondence tests and ins 91.217 and 91.413 have been with FAR 43 Appendices 'E' and

S/N #1 35484 SN #2 _____
Des Moines Flying Service, Inc.
Des Moines, Iowa 50321

Signature Benito B

Date 8-21-95

W.O.# 2962

Des Moines Flying Service, Inc. -Serviceable -

Customer _____

Reg. No. 9629J A/C Type _____

Mfg. _____ Model _____

Part No. _____ S/N DMFS# 4125

Component Name Altimeter

Remarks _____


The Aircraft and/or component identified above was repaired and inspected in accordance with Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this Agency.


Checklist
Under ~~Work~~ No. 4125 Date 8-21-95

Des Moines Flying Service, Inc.
FAA Repair Station #G9CR485J

INSPECTION RECORD
F.A.R. 43.11 - 91.217

ELT BATT DUE 7/98.

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
June 6, 1996	Tach time 3874.91 hr.	<p>Opened insp. plates checked structure & lubricated as necessary. Checked elec. system including battery & battery box. Serviced hyd. brk res. installed all new brake linings packed wheel bearings C/W Bendix Ign SW AD 76-07-12 ok by run test insp. C/W AD 69-22-2 ok by IX magnafly glass insp for control wheel rocks. C/W AD 96-10-03 by reworking of flap handle as per paper S/B # 965 installed bushing new bolt & nut w/cutter key. C/W AD 95-26-13 by replacing both oil cooler hoses w/ T50 2.53A type "C" hoses w/fire sleeves. due to replace again in 8 yrs or 1000 hrs. Checked ELT in c/w FAR 91.207 Par. D 1,2,3,4 Batt Due 7-98. Found Chokes not to C/W L/C S/B 518A insp of oil vent in them any longer.  Sensenich AD 69-09-03 RB N/A BU S/N.</p>

Date	6/6/96	Tach Time	3874.91	Total Time	3874.91
I certify as of this date that this AIRCRAFT has been inspected in accordance with an (Annual- 135) inspection and was determined to be in airworthy condition.					
Cert. No.	IA 2138971	Signature 			

INSPECTION RECORD

F.A.R. 43.11 - 91.217

ELT BATT Due 7/98

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		May 22, 1997 total time 3899.88 hrs. & TTXF SAME

Opened structure Chkd pulley & cables lub. as necessary. Serviced battery & battery bot. Chkd elec. system for proper operation. Chkd brake fluid level. Removed both wing tanks & Chkd fuel hoses & vent lines. Removed mouse nest in both wings & treated w/ zinc chromate. C/w RD 69-22-2 OK by insp of control wheels for cracks using 10x magnifying glass. Cleaned fuel screen. C/w RD 76-7-12 OK by insp of landing gear switch. Chkd ELT in aftw FAR 91.207 Par D. 1,2,3,4, OK by inspection.

Date	5/22/97	Total Time	3899.88	Status	SAME
I certify as of this date that the AIRCRAFT has been					
inspected in accordance with an (Annual 1997) inspection					
and was determined to be in airworthy condition.					
Cert. No.	JA 2138971	Signature			
Thomas Bermeiter					

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE


DATE

AIRCRAFT TIME
IN SERVICE

I certify that the transponder and the mode c/s data correspondence tests and inspections required by FAR 91.217 and 91.413 have been performed in accordance with FAR 43 Appendices "E" and "F".

S/N # 139484 S/N #2 _____ S/N ENCODER 81312


Des Moines Flying Service, Inc. CRS G9CR485J
Des Moines, Iowa 50321

Signature Aeneas Weil 

Date 7-28-97 W.O.# 5225

I certify that the altimeter and static system tests required by FAR 91.411 have been performed. The altimeter has been tested to 20000 feet. Date 7-28-97

Des Moines Flying Service, Inc.
#G9CR485J

Signature Darrell E. Hudson 

55

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

May 22, 1998 tach time 3927.76 hrs TIAF SAME

Opened inspection plates Chkd structure and lubricated as necessary. Chkd brakes & brake linings Chkd starter & alternator Chkd controls for freedom of movement & travel. Cleaned fuel screen Chkd battery & box. Chkd electrical system C/W RD 69-22-2 ok by insp of control wheels for cracks. Chkd ELT in A/W FAR 91.207 Par D, 1, 2, 3, 4, etc Battery Due 7/98. C/W RD 76-7-12 ok by insp of Bendix mag switch for proper operation. Chkd exp system for cracks ok by inspection.

Date	5/22/98	Tach Time	3927.76	Total Time	same
I certify as of this date that this AIRCRAFT has been inspected in accordance with an (Annual- 100 hr.) inspection and was determined to be in airworthy condition.					
Cert. No.	JA 2135971	Signature Thomas R. Brumley			

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
10/17	3951.44	19571100 new with 0135 BATTERY. Clean. But not S. DAVIS OWNER 481764009

5/14/99		<div style="border: 2px solid blue; padding: 5px; display: inline-block;"> <div style="display: inline-block; vertical-align: middle; margin-left: 10px;"> <p style="font-size: small; margin: 0;">ARTEX AIRCRAFT SUPPLIES, INC. 10714 S. Township Rd. Canby, OR 97013 (503) 266-3959 800-547-8901</p> </div> </div> <p style="margin-top: 5px;">LOG BOOK ENTRY _____ E.L.T. BATTERY REPLACEMENT DATE <u>Apr. 01</u></p>
		<p style="text-align: right;">Replanto. E.L.T. BATTERY</p> <p style="text-align: right;">S. DAVIS owner 481764009</p>

May 15, 1999 Lack time 3965.67 TIAF SAME

Opened structure. Cked + lubricated as necessary. Cked brakes and filled reservoirs. Cleared + serviced battery + battery box. C/W AD 76-07-12 ok by insp of landing mag switch. Installed new EBC 102A E.L.T. Batt Due 4/01. C/W FAR 91.207 And 1234

I certify that this aircraft has been inspected in accordance w/ an ANNUAL inspection + was determined to be in airworthy condition

Thomas A. Burnmeister NRP/IA 2138971

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

June 15, 1999 Tach time 3969.29 hrs.
Removed & reinstalled Densenick Prop
after Maxwell a/c service reconditioned
in accordance w/ Densenick Service manual
5 CRM 478. Torque & safety wired bolts &
Checked for Prop tracks.

Thomas A. Bernier
A & P 2138971

July 8, 1999 Tach time 3975.14 hrs.
Installed a new signstek arb. prop.
in place of same instrument in the same
location.

Thomas A. Bernier
A & P 2138971

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

MAINTENANCE

76EM855-0-60 Sensenich Propeller
Ser no 25570K

RELEASE

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE 7.12.199 AC HRS. 3987 N# 96295

Removed NARCO ATSO A 3/W 39484
for Repair and Reinstalled

For pertinent details of this maintenance action reference

Work Order(s) 23674

Signed: Alfred A Hill Jr #12

Des Moines Flying Service, Inc.
Des Moines, Iowa
FAA Approved Repair Station
G9CR485J

Issued in Lieu of Logbook Entry.

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE 7/17/99 A/C HRS. 3978 N# 96295

I certify that the transponder and the mode c/s data
correspondence tests and inspections required by FAR
91.217 and 91.413 have been performed in accordance
with FAR 43 Appendices 'E' and 'F'.

S/N #1 51484 S/N #2 NA S/N ENCODER 81312

Des Moines Flying Service, Inc. CRS G9CR485J
Des Moines, Iowa 50321

Signature Alfred Hill

Date 7/12/99 W.O. # 7163

For pertinent details of this maintenance action reference

Work Order(s) 7163

Signed: Alfred Hill #12

Des Moines Flying Service, Inc.
Des Moines, Iowa
FAA Approved Repair Station
G9CR485J

Issued in Lieu of Logbook Entry.

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICE

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CRT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE 7/12/99 A/C HRS. 3978 N# 9629J

I certify that the altimeter and static system tests required by
FAR 91.411 have been performed. The altimeter has been
tested to 20000 feet. Date 7-12-99

Des Moines Flying Service, Inc.

#G9CR485J

Signature

Douglas Chehr

For pertinent details of this maintenance action reference

Work Order(s) 7163

Signed: Douglas Chehr



Des Moines Flying Service, Inc.
Des Moines, Iowa
FAA Approved Repair Station
G9CR485J

Issued in Lieu of Logbook Entry.

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
May 28, 2000		TWF 4021.67 hr.
		Ground Structure Chkd cables pulleys & fair leads.
		Lubricated as necessary. Chkd battery & box. Chkd elec.
		system. replaced brake pads on left brake & Chkd
		fluid res. Removed left fuel tank and sent to
		sky craft for repair. SEE form 337 dated 5-18-00
		for details of tank repair. Chkd ELT in A/W FAR
		91-207 Part D 1234 of by insp Battery due 4/01.
		A/W AD 89-22-2 of by insp of control wheels for cracks.
		A/W AD 76-07-12 of by insp of Bendix for sw.
		AD 99-05-09 N/A by Par "C" of AD no new air filter fitted.
		I Certify that this APC has been
		inspected in accordance w/ an <u>ANNUAL</u>
		and was determined to be in an
		Airworthy Condition
		Thomas A. Bernier A/P / IA 2138971

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

Nov 2, 2000

Tack time 4046.89 TTAF

Removed two Mark 12A NAV/com's and
two Narco T12 MP-12A power supplies
and installed two panel mount TKM MX12
NAV/coms in existing radio tray. IAW
manufactures installation manual. Made
revisions to aircraft wt & balance record
this date. See for details of wts & locations.

Thomas R. Rimmer
A&P/IA 2138971

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
June 3, 2001	Tach time is TIAF = 4060.76 hr	<p>Opened structure & checked cables put up and control bellcranks. Lubricated as necessary. Removed battery & checked box & battery. Checked ELT and installed new battery in EBC 902A. ELT. ELT checked FAW FAR 91-207 para D 234 OK by insp. Battery Due <u>June 2003</u> Checked brakes and fluid level. Packed all wheel bearings. Checked systems for operation checked control system & flap for travel & freedom of movement. C/W AD 69-22-02R2 OK by insp. of control wheels for cracks C/W Bender SW AD 76-07-92 OK by insp.</p>

Date 6/3/01 Tach Time 4060 Total Time 5111.5
 I certify as of this date that this A/C has been
 inspected in accordance with (App. 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20, 21, 22, 23, 24, 25, 26, 27, 28, 29, 30, 31, 32, 33, 34, 35, 36, 37, 38, 39, 40, 41, 42, 43, 44, 45, 46, 47, 48, 49, 50, 51, 52, 53, 54, 55, 56, 57, 58, 59, 60, 61, 62, 63, 64, 65, 66, 67, 68, 69, 70, 71, 72, 73, 74, 75, 76, 77, 78, 79, 80, 81, 82, 83, 84, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100) inspection
 and was determined to be in airworthy condition.
 NTP/EP 2138971 Signature Thomas A. Bernier

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & SIGNATURE - CERT. NO. OF PERSON APPROVING C
------	--------------------------	---

DATE 7/11/01 A/C HRS. 4062.09 N# 9629J

I certify that the transponder and the mode c/s data correspondence tests and inspections required by FAR 91.217 and 91.413 have been performed in accordance with FAR 43 Appendices 'E' and 'F'.

S/N #1 35484 S/N #2 N/A S/N ENCODER 81312

Des Moines Flying Service, Inc. CRS G9CR485J
Des Moines, Iowa 50321

Signature [Signature]

Date 7-11-01 W.O.# 9396

For pertinent details of this maintenance action reference

Work Order(s) 9396

Signed: [Signature]

Des Moines Flying Service
Des Moines, Iowa
FAA Approved Repair Station
G9CR485J

Issued in Lieu of Logbook Entry.

I certify that the
FAR 91.411
tested to 20
Des Moines F
#G9CR485J

Signature [Signature]

Des Moines Flying Service, Inc. -Serviceable-

Customer _____
Reg. No. 9629J A/C Type _____
Mfg. _____ Model _____
Part No. _____ S/N DMESH 4980
Component Name Altimeter
Remarks _____

The ~~aircraft and/or~~ component identified above we ~~repaired and~~ inspected in accordance with Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.

checklist 7-11-01
Under ~~Work Order~~ No. 4980 Date _____

Des Moines Flying Service, Inc.
FAA Repair Station #G9CR485J

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

Boeing Flying
vice, Inc.
viceable-

Model DMR58
SN 4980
Name Attimeter
TAC Type _____
Component _____
We repaired and _____
Conformance with Federal _____
ions and was found _____
um to service. _____
of the repair are on _____
er No. 4980 Date 7-11-01
Flying Service, Inc.
Station #G9CR485J

DATE	AIRCRAFT TIME IN SERVICE	SIGNATURE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
<u>April 10, 2001</u>	<u>TRF 4057.87 hr</u>	<u>TRF</u>	<u>Removed T12c ADF INDICATOR & RECEIVER INCLUDING LOOP ANTENNA AND INSTALLED COLLINS 650 ADF w/ ANTENNA AND INDICATOR INSTRUMENT LOCATIONS. SEE WT&BAL AND EQUIPMENT LIST FOR CHANGE DETAILS OF ALERIGHT. Test flight OK</u>
		<u>Thomas M. J. J. J.</u>	<u>APP 213 8971</u>

SERVICABLE

OWNER JAS
MFG. COLLINS ITEM AN6504
S/N 21835 W.O. 186923
INSP. DATE 3-21-01

MAINTENANCE RELEASE

THE AIRCRAFT, AIRFRAME, ENGINE, APPLIANCE, OR COMPONENT IDENTIFIED WAS REPAIRED/OVERHAULED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/OVERHAUL ARE ON FILE AT THIS REPAIR STATION UNDER WORK ORDER NUMBER _____

DATE 3-21-01
SIGNED Tom J. J.
FOR JA AIR CENTER 2.1 LBS
3N060 Powis Road
DuPage Airport
West Chicago, IL 60185
FAA Repair Station No. NFR2R0291

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE

AIRCRAFT TIME
IN SERVICE

June 14, 2002 Tick Time 4078.58 TAF

Opened Structure Lubricated as necessary.

Checked battery & box. Checked elec system. Checked
brakes & brake fluid level. C/w AD 76-87-12

OK by inspection & operation of Bendix mag sw.

Checked EBC 103A EMT Battery Due 6/03. Checked IAW
FAR 91.207 Part D, 1,2,3,4.

I Certify that this Aircraft has been
inspected in accordance w/ an ANNUAL
inspection and was determined to be in
airworthy condition.

Thomas R. Bismonte
AIP/IA 2138971

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST

SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	
1/30/02	Tech 4097.20 TAF	<p>Installed FRA/PMA SLICK Start magneto brosted system to left mag. Per STC SA 593 OH Revised W&A balance this date. See 337 for details.</p> <p>Thomas Burmeister AYP 2138971</p>
10/12/02	Tech 4899.08	<p>NO. CS/N45999 PIN PRE 700</p> <p>Installed Precision Aviator Vertical Card Compass & Swing Compass and installed new corrected Compass Card.</p> <p>Thomas Burmeister AYP 2138971</p>

INSPECTION RECORD

F.A.R. 43.11 - 91.217

DATE

AIRCRAFT TIME
IN SERVICEKIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

April 22, 2003,

Tach TAF 4115.58

Modified Airframe by installing the following STC'd items:

STC SA 4216 GL Wing root fairing

STC SA 1072 CE Norton STOL KIT Droop tips dorsal fin and Vortex generators

STC SA 1373 CE Third windows on aft sides of fuselage.

Amendments made to POH and weight & balance records.

See Form 3370 dated 4-18-2003 for further information about STC'd installed items.

Thomas A. Burnett
A&P ITA 2138971

INSPECTION RECORD

F.A.R. 43.11 - 91.217

AIRCRAFT TIME
IN SERVICEKIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE**B-CAP, CORP.**3 July 03 **(563) 652-5594**N # 9629J Make Piper Model PA-28-180
Serial # 28-3786 Tack Time 4153 hr

Aircraft was inspected after preventative maintenance.

Upholstery Paint ✓ Cosmetic Appearance ✓

Aircraft was stripped/sanded and repainted with

Imron. 6000 white P 6293 HN / colors 5000 Red B9668 HL / Blue P1289 HL

Controls were checked for balance after painting.

AP # Fred Zoller AP Signature Fred Zoller
1153824Notes: A/c returned to service

INSPECTION RECORD

F.A.R. 43.11 - 91.217

KIND OF INSPECTION - STATUS & DISCREPANCY LIST
SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION - STATUS & DISCREPANCY LIST
		SIGNATURE - CERT. NO. OF PERSON APPROVING OR DISSAPPROVING AIRCRAFT FOR SERVICE
		DATE
July 10, 2003	Tach time 4123.10	NO TT AF SAME AS TACH
		Opened structure checked & lubricated as necessary.
		Checked Battery & battery box. Checked elec system, checked brakes & brake fluid. Installed new main gear tires & tubes. Rechecked all wheel bearings. Installed new Aero duct tubing on carb induction system. C/W AD 69-22-2 ok by inspect. Checked for cracks. C/W AD 76-07-12 ok by inspect. Bender Ign Switch. Removed EBC 102A ELT AND installed Ameri-king AK-450 behind battery box location see W&bal this date for changes.
		Checked EXT TOW FOR 91.207 PAR D 1,2,3,4. Battery Due 5/04
		REMOTE switch located on upper RT instrument panel.

Date	7/10/03	Tach Time	4123.10	Total Time	SAME
I certify as of this date that this <u>AIRCRAFT</u> has been inspected in accordance with an (Annual 100 hr.) inspection and was determined to be in airworthy condition.					
IA/ATP	Cert. No. 2138971	Signature	<i>Thomas R. Bernick</i>		

DMFS

DES MOINES FLYING SERVICE, INC.

I certify that the transponder and the mode c/s data correspondence tests and inspections required by FAR 91.217 and 91.413 have been performed in accordance with FAR 43 Appendices "E" and "F".

SN #1 39484 SN #2 N/A

SN ENCODER 81312

Des Moines Flying Service, Inc. CRS G9CR485J
Des Moines, Iowa 50321

Signature Jon R. Swanson

Date 7-14-03 W.O.# 10929



INTERNATIONAL AIRPORT
P.O. BOX 35126 DES MOINES, IA 50315-0302

Telephone (515) 256-5300 FAX (515) 256-5359

I certify that the altimeter and static system tests required by FAR 91.411 have been performed. The altimeter has been tested to 20000 feet. Date 7-14-03

Des Moines Flying Service, Inc.

#G9CR485J

Signature

David Dus



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
		<p>11/2/03 Tach Time 4145.7 TTRF Removed Navco Nav 112 w/ blade slope and installed Navco Nav 122 D in same instrument panel location. See wt & balance record revised this date for wt change.</p>
		<p>Thomas A. Burnmeister P4P/IA 2138971</p>
		<p>12/27/03 Tach Time 4160.8 HRS. TTRF Removed old audio Panel & installed a green tagged usable Collins AMR 350 audio Panel no wt change. Installed REIFF engine Pre heat system per REIFF installation instructions. Revised wt & Balance records to show addition of engine heater system this date. P4P/IA 2138971 Thomas A. Burnmeister</p>