

N8442H

1981 Piper PA-32-301

Airframe

Logbook

#1 of 3

1981 - 2003

MSN: 32-8106098



RidgeAire
WORLDWIDE
aviation specialists

Prepared by the worldwide aviation specialists at RidgeAire, Inc.

6940

#1

AIRCRAFT LOG

LOG CLOSED OUT 5-26-03

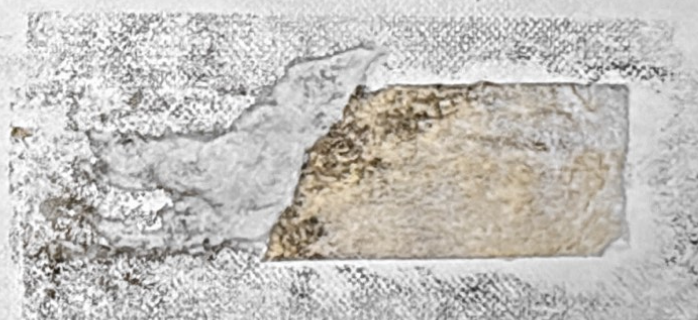


OLD

REPLACE ELT BATTERY BY:

3/2000

MAY 1 1 2000



NAME ADDRESS

AIRCRAFT LOG

PIPER AIRCRAFT CORPORATION

General Offices at
Lock Haven, Pennsylvania
U. S. A.

N8442H

Aircraft
Registration Number

Part No. 230 715

AIRCRAFT DESCRIPTION

Registration No. N8442H

Model: PA-32-301

Popular Name: Saratoga

Serial No.: 32-8106098

Type Certificate No.: A350

Weights: SEE WEIGHT AND BALANCE

Engine Manufacturer: Lycoming

Propeller Manufacturer: Hortzell

Original Engine Model: IO-540-K165

Original Propeller Model: HC-C24K-1BF

Blade Numbers: Single L-21408-48A

Hub or Serial Number: Single CH25892

Left _____

Left _____

Right _____

Right _____

Blade Numbers

Left

Right

E78913

E78904

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.
7-1-80	Mike Relay,			WS Rem
80-14-03	NH Per SN of Aircraft			Sup AS201
11-28-80	Ammeter Posts.			WS Rem
80-24-03	NH Per SN of Aircraft			Sup AS201
86-17-07	NA Per SN of Aircraft	566.25		Michael J Gich AP 1743242IA
77-12-06	Nottell Prop due at 2038 hrs.	566.25		Michael J Gich AP 1743242IA
76-07-12	Bendix ignition switch c/w	566.25	01-06-86	Michael J Gich AP 1743242IA
76-07-12	IGW Switch	687.1	3-11-79	
84-16-2	AIR R/HW P/ks 566 hrs.	687.1	Dec 10 66	W. J. [Signature] AP 1735001
86-17-1	Ammeter Mod. N/A/B/S/N/GEN/1			
76-07-12	Bendix IGW Switch	793.6	3-5-90	AP 173001 Z. [Signature]
(5/30/77)	CHECKED MFG SWITCH FOR CLEAN CUT-OFF			Romney BOM 173K
76-07-12	NEXT DUE 1256	1156	2/4/94	

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.
90-02-03 (1/22/90)	INSPE PROP 1703 PER CRACKS PER SB 1814 - NEXT DUE 1206	1156	2/4/94	<i>W. J. Meyer</i> B07177K
78-23-01 (11/3/78)	CHECK FUEL DRAIN LEVER DOOR OPS CHECKED NEXT DUE 1256 D/N/A	1156	2/4/94	<i>W. J. Meyer</i> B07177K
AD76-07-12 (08-30-77)	NEXT DUE 1361.5 BENDIX MAG S/W CHECK	1261.5	2/14/95	<i>W. J. Meyer</i> B07177K
AD90-02-23 (01-22-90)	NEXT DUE 1311.5 HR HARTZELL PROP HUB INSPE	1261.5	2/14/95	<i>W. J. Meyer</i> B07177K
AD93-02-05 (06-14-93)	FUEL INJECTOR HING INSPE	1261.5	2/14/95	<i>W. J. Meyer</i> B07177K
AD78-09-07 (01-17-83)	MAG IMPULSE COUPLING INSPE REPLACED COUPLING	1261.5	2/14/95	<i>W. J. Meyer</i> B07177K
AD9A-06-09 AD9A-01-03	Do not apply —	1261.5	2/14/95	<i>W. J. Meyer</i> B07177K

COMPLIANCE WITH MANUFACTURER'S SERVICE BULLETINS AND LETTERS

Bulletin or Letter No.	Subject and Remarks	Time on Aircraft	Date of Compliance	Signature and Certificate No.
PSB 681 NA	Mike relay Per S/N of Aircraft			WDRam Anp RS201
PSB 698 NH	Ammeter Post. Per S/N of Aircraft			WDRam Anp RS201
PSB 701 NH	Rudder/Hileron Bracket. Per S/N of Aircraft			WDRam Anp RS201
PSB 703 NH	Hileron Balance wts. Per S/N of Aircraft			WDRam Anp RS201
SB 965 (9/1/93)	INSTALLED BUSHING & NEW CREVIS BOLT	1156	2/4/94	WDRam Anp BOTZIKAL

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
AUG 17 1981	Brought Forward →	2.23	I HAVE INSPECTED THIS AIRCRAFT AND ISSUED A STANDARD AIRWORTHINESS CERTIFICATE	
			DATED <u> AUG 17 1981 </u> I/A/W FAR 21.183(a) PER 21.273.	
			<u> <i>Rh</i> </u> FAA DOA SO-1	
			THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR PART 91.170 HAVE BEEN PERFORMED. THE ALTIMETER(S) HAVE BEEN TESTED TO <u> 20,000 </u> FT.	
			ON (L) <u> 4-1-81 </u> , (R) <u> N/A </u>	
			SIGNED <u> <i>Rh</i> </u> DATE <u> AUG 17 1981 </u>	
			THE AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT TESTS REQUIRED BY FAR PART 91.36 HAVE BEEN PERFORMED THIS	
			DATE: <u> 8-3-81 </u> SIGNED: <u> <i>Rh</i> </u>	
Total To Carry Forward		2.23		

Registration No. 18442H

and Remarks

Signature

Certificate No.

The ATC Transponder Tests and Inspections required by FAR 91.177 were performed this date and found to comply with FAR 43, Appendix F.
ATC Transponder:

- 1. Make King Model KT-70A S/N 28158
- 2. Make N/A Model N/A S/N N/A

Details of this inspection are on file at this facility under S/N 8106098 Date 8-3-81

Q. A. Inspector *R.M. Agostini*
PIPER AIRCRAFT CORP.
VERO BEACH, FLORIDA

The ELT is installed per FAR 91.52. Battery replacement date 10/28/82
R.M. Agostini
D. O. A. No. 50-1
Piper Aircraft Corp.

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
03-29-82	Brought Forward →	83 HRS		Replaced defective s/n 1429D with warranty replacement unit s/n 1961E. A/P system ground checked good.
6-2-82		104 HRS		Replaced defective s/n 765
07-01-82		120 HRS		Replaced defective (4220A) with warranty replacement 520267 s/n 4682A. New Gyro Horizon + A/P system ground checked good.
Total To Carry Forward				

and Remarks	Signature	Certificate No.
A/P computer 1D757-1002003 replacement unit s/n 1961E. checked good.	MUNCIE AVIATION CO GOVERNMENT APPROVED REPAIR STATION NO. 201 MECHANIC <u>[Signature]</u> A. & E. NO. _____	
pitch servo s/n 704 with (IC 812-2-863)	MUNCIE AVIATION CO GOVERNMENT APPROVED REPAIR STATION NO. 201 MECHANIC <u>[Signature]</u> A. & E. NO. _____	
Gyro Horizon (520267 s/n replacement 520267 s/n 4682A. A/P system ground checked	MUNCIE AVIATION CO GOVERNMENT APPROVED REPAIR STATION NO. 201 MECHANIC <u>[Signature]</u> A. & E. NO. _____	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
9-1-82	Brought Forward →		149 Hrs	Annual & 100 Hr. Insp. Per
				Service of Battery, Brakes,
				Bearings, Lubricated gear
Static Check Due		4-83		Installed New ELT Battery
Transp. Check Due		8-83		
ELT Battery Due		8-84		
1-24-83	1-24-83			REPLACED DEFECTIVE BLIND
				ENCODING ALTIMETER UNDER
				PIPER WARRANTY. RAMP
				CHECKED IN ACCORDANCE
Total To Carry Forward				WITH FAR 91.172 →

Registration No. _____

and Remarks	Signature	Certificate No.
Piper Insp. Report 2301045	I certify that this <u>Piper</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in Airworthy condition.	
Electrical System, Repacked wheel Scissors. Repaired RT wheel fairing,	Repair Station No. 201 MAKE <u>Piper</u> SER. NO. <u>32-2106098</u> MODEL <u>PH32-301</u> REG. MARK <u>N8442H</u>	
	The aircraft and/or component identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this Agency under Work Order No. <u>22054</u> Date <u>9-1-82</u>	
	Signed <u>Wilbur O. Ray</u> Insp. for Muncie Aviation Co. Certified Repair Station #201 Muncie, Indiana 47305	
I certify that the ATC transponder and encoder tests and inspections required by FAR 91.172 were performed this date and found to comply with FAR 43, Appendix E.		
ATC transponder No. 1 <u>KT76A</u> s/n <u>28158</u>		
No. 2 _____ s/n _____		
No. 1 <u>UNTESTED</u> type encoder _____		
No. 2 _____		
Details of this inspection are on file at this		
R.S. under W.O. No. <u>827023</u>		
Date <u>1-24-83</u> Signature <u>Kevin Talbot</u>		
Certificate Number R.S. 201 Muncie Aviation Co.		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
	I certify that the ATC transponder and encoder tests and inspections required by FAR 91.172 were performed this date and found to comply with FAR 43, Appendix E. ATC transponder No. 1 <u>K76A</u> s/n <u>28158</u> No. 2 _____ s/n _____ Type encoder <u>United Blind</u> No. 1 _____ No. 2 _____ Details of this inspection are on file at this		I certify that the altimeter, encoder and static system tests required by FAR Part 91.171 have been performed. The altimeter and encoder have been calibrated and tested to <u>18,000</u> feet. Pilot's altimeter _____ No. 1 encoder <u>Std Panel</u> Type <u>United Blind</u> Co-pilot's altimeter _____ No. 2 encoder <u>N/A</u> Type <u>N/A</u> Details of this inspection are on file at this	R.S. under W.O. No. <u>8-27804</u> Date <u>05-24-83</u> Signature <u>[Signature]</u> Certificate Number R.S. 201 Muncie Aviation Co.
	R.S. under W.O. No. <u>8-27804</u> Date <u>05-24-83</u> Signature <u>[Signature]</u> Certificate Number R.S. 201 Muncie Aviation Co.			
10-13-83			294	I CERTIFY THIS AIRCRAFT IS SAFE FOR FERRY FLIGHT TO ALEXANDRIA IND. Stanley R. Unruh CERTIFICATE # 270448248
Total To Carry Forward				

AIRCRAFT LOG

Registration No. 8442H

Date	Aircraft Time		Recorder Reading	Maintenance	and Remarks	Signature	Certificate No.
	This Date	Total					
25 Oct 83	Brought Forward →	294.3	294.3	Annual Inspection per on main gear. Wheels + repacked. New R-35 battery. Cleaned Fabricated + installed Cleaned main fuel gear struts. Prop lubed AD 76-07-12 clw by has been inspected was determined	Piper Insp. Report 230 1046. Two new 600:6 8 ply tires insp. New bearings in nose wheel, all wheel bearings insp. brake linings, new 68802-000 battery box, new Rebat area below battery box. New nylon bushings in lower cowl. doubler + nut plates on lower cowl airframe attachment point. screen. Checked FLT operation. Serviced and adjusted + nicks removed. Disassembled + inspected heater. Ok. test. Ign. switch OK. I certify that this aircraft in accordance with a Annual Inspection and to be in airworthy condition.		
Total To Carry Forward							

John W. Redding IA 1887076

N8442H
Airframe

LOG BOOK ENTRY

DATE November 5, 1984

Completed a 100 hour inspection on this date and time. Checked lights and battery. Cleaned and repacked wheel bearings and greased gear. Ran control cables and inspected airframe. Replaced control instrument filter and reset all cable tensions as per Piper Maintenance Manual. Replaced static wick on left stabilator and replaced nose tire. Replaced ELT battery, due date is now September 1986. Serviced and adjusted struts. Cleaned fuel selector screen. Inspected and lubed propeller. I certify this airframe has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition and is approved for return to service.

Tach: 400.9

T.T. 400.9

Total Prop Time: 400.9

74575

W. O. #

Sign

Michael Fleming

Mechanic 283641259

A & P #

OHIO AVIATION CO., INC.

CERTIFIED REPAIR STA.

NUMBER 3719

**DAYTON INTERNATIONAL AIRPORT
VANDALIA, OHIO 45377**

FOR

Registration No. _____

and Remarks

Signature

Certificate No.

~~THE AIRCRAFT, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR THE RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER W.D. NO. _____~~

~~SIGNED: _____ DATE: _____
FOR OHIO AVIATION CO. INC. C.R.S. 3719
VANDALIA, OHIO 45377~~

I CERTIFY THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TOTAL AIRCRAFT

TIME: 400.9 W.D. NO. 74575

SIGNED: [Signature] DATE: 11-5-84
FOR OHIO AVIATION CO. INC., C.R.S. 3719
VANDALIA, OHIO 45377

Registration No. _____

and Remarks

Signature

Certificate No.

NO DEC 85 TACH 506.28 REPAIRED BOTH MAIN
GEAR WHEEL FAIRINGS, REPAINTED NOSE
WHEEL FAIRING WHEELS TIRES & BRAKES
CHECKED, ALL CONTROLS CHECKED AND
LUBRICATED, HYD. BRAKE RES. SERVICED
BATT. SERVICED, REPLACED L/LIGHT BULB.

PROP TIME 506.28

Date 16 DEC 85 T.T. 506.28

ELT. BATT. DUE SEP 86

I certify that this AC/Eng. has been
inspected in accordance with a ANNUAL
inspection & has been found airworthy.

Sig.

Edmund J. McGinnis

Cert. #

A901284355IA

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
16 DEC 86		TACT 506.28		
Pitot Static Syst. checked				
in ACCORDANCE with F.A.R. 91.171 ALT.				
REPLACED with certified ALT.				
Edward J. McMill				
ASP 1284355IA				
9-86		350		BATTERY ELT-REPLACED DUE
Total To Carry Forward				

Registration No. 363-30-8178

and Remarks	Signature	Certificate No.
<i>[Faint handwritten text]</i>		
<i>[Faint handwritten text]</i>		
<i>[Faint handwritten text]</i>		
<i>[Faint handwritten text]</i>		
<i>[Faint handwritten text]</i>		
<i>[Faint handwritten text]</i>		
<i>[Faint handwritten text]</i>		
<i>[Faint handwritten text]</i>		
<i>[Faint handwritten text]</i>		
DATE 10-88 - ING SWITCH - BUSHING ^{LO COWLING}	<i>[Signature]</i>	363-30-8178
<i>[Faint handwritten text]</i>		
<i>[Faint handwritten text]</i>		

AIRCRAFT LOG

Registration No. 8442H

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
01-06-87	Brought Forward →	566.25	566.25	Completed Annual accordance with Piper's Chapter 5. ELT Batt AD 76-07-12. Bendix Notes C/W to date Linting & Compliance electrical system & hinges & landing Aircraft has been an Annual Inspect to be in an
Total To Carry Forward				

and Remarks	Signature	Certificate No.
Inspection of Aircraft this date in Service Manual PN 761-721 very replacement Due 10-88 C/W ignition switch operation All AD see front of log for AD Note Serviced Battery, Brake & lubricated all rod end bearings gear. I certify that this inspection and was determined airworthy condition	Air MARION Michael J. Gick	1743242JA

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
2-2-88	Brought Forward →	630	630	c/w PSB 856 by insp by operational check of magneto switch found maintenance manual checked control cable
11-1-88			667	ELT BATT REPLACED
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
found no corrosion at this time c/w AD 76-07-12 normal c/w Annual Insp in A/w PA32-301 tensions. Ground run checks normal.		
<p>I CERTIFY THAT THIS <u>Aircraft</u></p> <p>HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION</p> <p>W/O No. <u>1060</u> <u>David Stovs</u></p> <p>AIR MARION, INC. <u>AP485825266IA</u></p> <p>MARION, INDIANA</p>		
DUE 10-90 C.M.		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →		694.6	
91.171	Date 2-13-89	This Static	Part 43 (E) (C) Date 2-13-89	Integrated
	System meets Part 43 Appendix E.		Altimeter/Transponder correlation	
	altimeters tested to 20,000 Ft.		compliance. WO # 7373	
	AF-51-9637 1-25		Signed William H. Ray	CRS 702-4
	Left at Date Right SN. X Date X		HANGAR ONE, INC. - BIRMINGHAM	
	Signed William H. Ray	WO # 7373		
	Hangar One, Inc. - Birmingham CRS 702-4			
91.172	Date 2-13-89	This KT76A		
	Transponder SN 28158	meets		
	Part 43 Appendix F. WO # 7373			
	Signed William H. Ray	CRS 702-4		
	HANGAR ONE, INC. - BIRMINGHAM			
Total To Carry Forward				

Registration No. N8442H

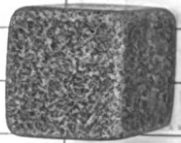
and Remarks	Signature	Certificate No.
3-2-89 REMOVED #1 NAV SYSTEM KINS3 AND KI 204. REMOVED D.G. INSTALLED II		P8
MORROW 618 TCA LONGHAMP AND KING KCS 55A HSI/COMPASS SYSTEM AND KNS 80 RNAV SYSTEM PAIRED WITH		
HSI. MATCHED HSI COUPLING TO AUTO PILOT WITH IC930 ADAPTER INSTALLED		
3M WX10A STORMSCOPE PER MANUFACTURERS INSTRUCTIONS. FOR DETAILS SEE FAA-337 THIS		P8-01-4
DATE. The Aircraft or component identified above was repaired and inspected in Acc. with current F.A.A. regulations and is approved for return to service. Details on file under work order # <u>7373</u>		
Signed <u>[Signature]</u> Date <u>3-2-89</u>		

Certified Repair Station 702-4

HANGAR ONE

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
3-2-89	Brought Forward →	694.4		INSPECTOR FOR FERRY FLIGHT
3-2-89				INSTALLS NEW GILL
3-2-89		694.6		TESTED BOTH VON TO IFR
3-15-89		695.1		100 km Insp. elw.
				All Control Systems checked
				checked mag switch per
				Installed New Tires MAIN
4-10-89				Checked both Vons ton-1°
				Wot 590563 REINSTALLATION
				REPLACED ANTIPOCAL HORIZON
				SNTT720A From Precision
Total To Carry Forward				



Registration No. _____

and Remarks	Signature	Certificate No.
SEE ATTACHED AIRWORTHINESS CERTIFICATE	Jalder	AP141414
BATTERY THIS DATE	Jalder	AP141414
ACCURACY ton-1°	Jalder	RS702-4
checked all electrical systems, checked		
operation of E.T. Battery due 1090		
ALD 76-07-12. Replaced wheel bearings		
wheels, Realigned main wheels. lub. A/C		
AVCO BROS COMPUTER CLEANED BY AIP CENTRAL ON		
STATIC SYSTEM TESTED PER FAR 43 APPENDIX F.		
WITH CRHIC. EDO/CENTURY 520267M-		
ANONAS INVOICE #12722		
	Jalder	RS702-4

HANGAR ONE

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
3-5-90	Brought Forward →	792.6	792.6	100hr Prop. Check Per
				Prop. Insp. room, Repaired wheel bearings.
				Sub. Gen. checked all control systems,
				checked all electrical systems, checked operation
				of E.T. Ground Run checked normal
	I certify that this... <u>AK</u> ...has been in-			I certify that this... <u>AIC</u> ...has been in-
	spected in accordance with... <u>100</u> ...in-			spected in accordance with... <u>Annual</u> ...in-
	spection at... <u>792.6</u> ...hours and was de-			spection at... <u>792.6</u> ...hours and was de-
	termined to be in airworthy condition.			termined to be in airworthy condition.
	<u>Ed. Stone</u> <u>AP123857</u>			<u>Ed. Stone</u> <u>AP123857</u>
	Inspection authorization <u>35290</u>	certificate no.		Inspection authorization <u>35290</u>
	date,			date,
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
3-8-91 TACH TIME 820.1 100 HR. INSP. C/W PER PIPER INSP FORM. REPACKED WHEEL BEARINGS. LUB A/C. CHECKED ALL CONTROL SYSTEMS. CHECKED ALL ELECTRICAL SYSTEMS. CHECKED OPERATION OF ELT. GROUND RUN CHECKED NORMAL.		
I certify that this <u>A/C</u> has been inspected in accordance with <u>100 HR</u> inspection at <u>820.1</u> hours and was determined to be in airworthy condition.	I certify that this <u>A/C</u> has been inspected in accordance with <u>Annual</u> inspection at <u>820.1</u> hours and was determined to be in airworthy condition. <u>W. E. Stone</u> 141235251	
Inspection authorization <u>Roy E. Stone A&P 416693822</u> <u>3-8-91</u> date.	Inspection authorization <u>3-8-91</u> date.	certificate no.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
10-14-91	Brought Forward →		833.5	Removed Apollo 618 TCA hours
3-15-92		842.72	842.72	100 HR INSP, C/W PER PIPER ALL CONTROL SYSTEMS. SERVICED OF ELT. ELT BAT DUE 10-92.
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
SN 52145 and updated to 4.1 software	ERY-3682D <i>J. H. Hester III</i>	2334113
	SIGNED HALLGARD	CRS ERV 282 ORE, INC. - BIRMINGHAM, ALABAMA
INSR FORM. CHECKED ALL ELECTRICAL SYSTEMS. CHECKED A/C BATTERY. SERVICED BRAKES. CHECKED OPERATION LUB A/C. ALL SYSTEMS CHECKED NORMAL.	<i>D. H. Hester</i>	
I certify that this <u>A/C</u> has been inspected in accordance with <u>100 HR</u> inspection at <u>842.72</u> hours and was determined to be in airworthy condition.	I certify that this <u>A/C</u> has been inspected in accordance with <u>100 HR</u> inspection at <u>842.72</u> hours and was determined to be in airworthy condition.	
<i>R. J. Hester</i> 916543822 Inspection authorization <u>3-15-92</u> date.	<i>D. H. Hester</i> 1A235257 Inspection authorization <u>3-15-92</u> date.	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8-10-92	Brought Forward →		854.8	
			I certify that these items were tested per FAR 91.411 and meet the requirements of FAR 43 Appendix E. Reference WO <u>001962</u> Altimeters to <u>25,000</u> Ft on <u>8-10-92</u> Static System on <u>8-10-92</u> Automatic Altitude Reporting on <u>8-10-92</u> Signed <u>[Signature]</u> FAA 2416237/FCC PG-6-30110R for PRECISION AVIONICS FAA RS PNIR514K Hartsville-Rountree Airport, AL 35640 5M0	
			Date <u>8-10-92</u> I certify that this ATC Transponder was tested per FAR 91.413 and meets the requirements of FAR 43 Appendix F. Model <u>KT76A</u> SN <u>28158</u> Reference WO <u>001962</u> Signed <u>[Signature]</u> for PRECISION AVIONICS FAA RS PNIR514K FAA 2416237 / FCC PG-6-30110R Hartsville-Rountree Airport, AL 35640 5M0	
Total To Carry Forward				

Registration No. _____

2100

and Remarks	Recorder	Signature	Certificate No.
9-30-92 INSTALLED ATCP-6 SOFT COMM PANEL MOUNT INTERCOM IN THE CO-PILOT'S PANEL. INTERFACED AS REQUIRED. VERIFIED SYSTEM FOR PROPER OPERATION. COMPUTED WEIGHT AND BALANCE AND FOUND TO BE NEGLIGIBLE. SEE FAA FORM 337 THIS DATE.		Precision Avionics	
		FAA RS PNIR514K	

AIRCRAFT LOG

Maintenance

Log Book Insert

REPLACE ELT BATTERY BY:

JAN '95

Signature

FLIGHT SUPPORT

Make PIPER
 Model PA-32-301
 S/N 32-8106098
 Reg. No. N8442H

Date 2-15-93
 W.O. 154
 Actt. 948.8 T.T.
 Ldgs. _____

Complied with annual I/A/W piper service manual guide. Complied with AD 84-26-02 by installing a brackett airfilter conversion I/A/W STC SA693CE. (AD 84-26-02 is now N/A) Complied with AD 90-02-23 by para(a) and SB 164C. (due again at 998.8 hours) AD 77-12-06R2 was p/c/w/ on 3-07-91 at 820.1 hours T.T. (due again at 12820.1 hours T.T.) AD 78-09-07R3 was p/c/w on 3-08-91 at 1320.1 hours.(due again 1320.1 hours T.T.) Rebonded cracked nose landing gear strut fairing. Replaced carb heat scatt hose. Replaced defrost scatt hose. Replaced ELT batt.(next due date is 1-95) Replaced nose landing gear tire & tube

•The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under

Order # _____ Date _____ Signed _____
 Signature Flight Support FAA Certified Repair Station # _____
 Location _____

OP0010 12/92

REFERENCE NEXT PAGE-----

Tota To
 Carry Forward



Registration No. _____

and Remarks	Recorder Brooding	Signature	Certificate No.
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Log Book Insert

Make PIPER Date 2-15-93
 Model PA-32-301 W.O. 154
 S/N 32-8106098 Actt. 948.8 T.T.
 Reg. No. N8442H Ldgs. _____

Signature

FLIGHT SUPPORT

Replaced main gear brake pads. Repaired crack in L/H main landing wheel fairing. Replaced both main landing gear tires. Complied with MSB 856 on the stabilator. Replaced all exaust gaskets. Replaced tach with new unit.(tach reading now 0000.0) Replaced cowl chaffing material on upper and lower cowling. Repaired crack on upper cowl as needed. Complied with MSB 855 by installing placard. Removed prop governor s/n D1021UJ and had resealed and overhauled by B&S Aircraft parts and accessories Inc. Reinstalled using new gasket. Resealed 3 leaking on right wing fuel tank using sealant and cherry max rivets.

The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under

Order # _____ Date 2/15/93 Signed David Z. Decker

Signature Flight Support FAA Certified Repair Station # _____

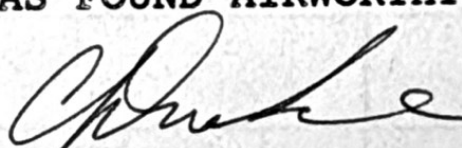
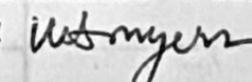
Location _____

2020665 IA

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
N8442H			AMR COMBS - BHM	
TACH: 78.5			CRS BDTR177K	
1.			REPLACED LEFT AND RIGHT FUEL QUANTITY GUAGES.	
2.			REPLACED OUTBOARD LIFT DETECTOR.	
3.			REPLACED BOTH MAIN WHEEL TUBES.	
4.			REPLACED LEFT SIDE DOOR SEAL.	
THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. WORK ORDER No.9313 DATE 07/22/93 SIG <i>C. E. Barnett</i>				
N8442H			AMR COMBS - BHM	
TACH 137.9			CRS BDTR177K	
1.			ADJUSTED OUTBOARD STALL VANE PER PIPER MAINTENANCE MANUAL	
THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE FOR A TEST FLIGHT.				
WORK ORDER No. 9597 DATE 09/27/93 SIG <i>W. Myers</i>				
I CERTIFY THAT THIS AIRCRAFT HAS COMPLETED A SUCCESSFUL TEST FLIGHT REGARDING OUTBOARD STALL VANE OPERATION AND IS APPROVED FOR RETURN TO PASSENGER CARRYING SERVICE.				
To Co	PILOT SIG <i>D. Anderson</i>		CERT# 424788667	DATE 9-29-93

Registration No. _____

and Remarks	Recorder Feeding	Signature The Date	Certificate No.
<p>N8442H 32-8106098 JACKED AIRCRAFT - REMOVED NOSE STRUT - CLEANED AND INSPECTED STRUT - INSTALLED NEW SEALS IN STRUT - REINSTALLED AND SECURED NOSE STRUT - SERVICED STRUT WITH MIL 5606 FLUID AND DRY NITROGEN - REMOVED AIRCRAFT FROM JACKS THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. WORK ORDER No. 9455 08/13/93 SIG  AP424725117</p>	<p>AMR COMBS - BHM</p>		
<p>N8442H 32-8106098 1. REPLACED PITOT MAST HEATING ELEMENTS THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. WORK ORDER NO. 9795 DATE 11/18/93 SIG </p>	<p>AMR COMBS - BHM CRSBDTR177K</p>		

AIRCRAFT LOG

N8442H

AMR COMBS - BHM

ACTT 1156.6

Aircraft Time

CRSBDTR177K

Maintenance

HOBBS 207.8

This Date

Total

Reading

1. COMPLETED AN ANNUAL INSPECTION
 2. C/W PIPER MANDATORY SB 965 (9/1/93) INSTALLED BUSHING AND INSTALLED NEW CLEVIS BOLT PER SB 965
 3. REPLACED STARTER WITH UNIT S/N A-90969
 4. ADJUSTED MAIN STRUT LEVELS
 5. REPLACED REAR DOOR SEAL
 6. PROPELLER DYNAMICALLY BALANCED
 7. BATTERY REMOVED - SERVICED - CHARGED - REINSTALLED
 8. COMPLIED WITH AD 90-02-03 (1/22/90) BY INSPECTING PROPELLER HUB FOR CRACKS PER HARTZELL SB 164C - NEXT DUE AT 1206 HOURS ACTT
 9. C/W AD 78-23-01 (11/3/78) BY CHECKING OPERATION OF FUEL DRAIN LEVER DOOR - NEXT DUE AT 1256 HOURS ACTT
 10. C/W AD 76-07-12 (8/30/77) CHECKED MAGNETO SWITCH FOR CLEAN CUT OFF - NEXT DUE 1256 HOURS ACTT
 11. COMPLETED SHEET METAL REPAIR TO BOTTOM OF ENGINE EXHAUST HEAT MUFF
 12. REPLACED RIGHT AND LEFT BRAKE DISCS WITH NEW UNITS
 13. REPLACED ALL BRAKE LININGS
 14. REPLACED NOSE WHEEL BEARINGS
 15. COMPLETED GROUND SWING OF STANDBY COMPASS
- THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. WORK ORDER NO. 10027 DATE 02/04/94 SIG *Womyers* *WSmyers*

Registration No. _____

and Remarks

Signature

Certificate No.

I certify that the aircraft static pressure system has been inspected and tested in accordance with FAR Part 91.411. The installed altimeter(s)

Left Make United Model S934PA-1 s/n 06827

Right Make _____ Model _____ s/n _____

was/were tested to 20,000 feet, in accordance with FAR 43 Appendix E

It has been determined the installed systems meet the requirements of, and complies with, FAR Part 43 Appendix F

Pertinent details of this work are on file at this repair station under W.O. # 5452

Dated 8-12-94

Signed Ray D. Burnett for

AMR COMBS - BIRMINGHAM

4243 East Lake Blvd.

Birmingham, AL 35206

FAA Approved Repair Station #BDTR177K

I certify that the transponder(s) installed has/have been inspected and tested in accordance with FAR 91.413

#1 Make King Model KT76A s/n 28158

#2 Make _____ Model _____ s/n _____

It has been determined that the installed transponder(s) meet the requirements of FAR Part 43 Appendix F

Pertinent details of this work are on file at this repair station under W.O. # 5452

Dated 8-12-94

Signed Ray D. Burnett for

AMR COMBS - BIRMINGHAM

4243 East Lake Blvd.

Birmingham, AL 35206

FAA Approved Repair Station #BDTR177K

3/2.2

N8442H ACTT 1261.5 HOURS

AMR COMBS - BHM

HOBBS 312.8 HOURS

CRS BDTR177K

1. COMPLETED AN ANNUAL INSPECTION AS PER PAC GUIDE
2. COMPLIED WITH 500-HOUR PROPELLER AND ENGINE C/S DESLUDGE
3. COMPLIED WITH AD76-07-12(08/30/77) BENDIX MAGNETO SWITCH CHECK AND IS NEXT DUE AT ACTT 1361.5 HRS (100-HOUR)
4. COMPLIED WITH AD90-02-23(01/22/90) HARTZELL PROPELLER HUB INSPECTION AND IS NEXT DUE AT ACTT 1311.5 HRS (~~100~~³⁰⁰-HOUR)
5. COMPLIED WITH AD93-02-05(06/14/93) FUEL INJECTOR LINE INSPECTION AND IS NEXT DUE AT 02/14/96 (12-MONTH)
6. COMPLIED WITH AD78-09-07(01/17/83) MAGNETO IMPULSE COUPLING INSPECTION & IT WAS REPLACED USING A NEW COUPLING P/N 10-349371, NEXT DUE AT ACTT 1761.5 HRS (500-HOURS)
7. COMPLIED WITH 500-HOUR TWO EACH OIL RADIATOR REMOVED AND FLUSHED
8. COMPLIED WITH 500-HOUR MAGNETO DISTRIBUTOR BLOCK INSPECTION AND REPLACED POINTS & CONDENSORS IN BOTH LEFT & RIGHT MAGNETOS
9. COMPLIED WITH 500-HOUR CLEAN & LUBE THE STABILATOR TRIM DRUM SCREW
10. COMPLIED WITH 1000-HOUR EXTERIOR NEEDLE BEARINGS CLEANING & LUBE
11. REPLACED ELT BATTERY, NEXT DUE AT 03/97, AND C/W ANNUAL CONFORMITY INSPECTION
12. COMPLIED WITH PAC MSB 977, DATED 12/12/94 INSPECTION OF THE WING REAR ATTACH FITTINGS & ADDITION OF ACCESS PANELS
13. CHECKED AD94-06-09 & AD94-01-03 AND THEY DO NOT APPLY
14. AIRCRAFT BATTERY CHARGED
15. ADJUSTED ALL PRIMARY FLIGHT CONTROL CABLES TO M/M SPECS
16. REPLACED CENTRAL AIR FILTER, P/N D9-18-1, DUE EVERY 500-HOURS
17. REPLACED AFT RIGHT AILERON ROD END & FWD LEFT AILERON ROD END
18. REPLACED DORSAL FIN FAIRING, ALL WHEEL FAIRINGS, HORZ STAB TIPS

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

**DATE: 3-27-95 TYPE: PIPER SARATOGA S/N: PA32-8106098
N8442H**

This aircraft stripped of all paint and repainted with Jet Glo Polyurethane enamel, using approved application methods in accordance with current Federal Aviation Regulation and is approved for return to service.

This is to certify that the control surfaces of this aircraft have been balanced and installed according to the Manufactures Specifications.

<u>PAINT TYPE</u>	<u>COLOR</u>	<u>PAINT NUMBER</u>
JET GLO	MATTERHORN WHITE	570-535
ACRY GLO	GREEN GOLD	HS-10622
ACRY GLO	WINE	HS -10628

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repairs are on file at this agency under Work Order # P2467

DATE: 3/30/95 SIGNED: *Kenneth DeSery*

T
C
Downtown Airpark Inc. P.O. Box 26027, Okla. City, Okla. 73026,
FAA REPAIR STA. VR1R568K

Registration No. _____

and Remarks	Recorder	Signature	Certificate No.
3/30/95 TACH: 317.7 N 8442H			
REPLACED BATTERY WITH NEW GILL G-35 BATTERY			
S/N G01587547.		REF. W.O. 6426	
DOWNTOWN	Airpark		
P.O. BOX 26027 OKLAHOMA CITY OKLA. 73126	INCORPORATED		
BY: <u>Kenneth D. Terry</u>	FAA REPAIR STA. VR1R568K		

AIRCRAFT LOG

N8442H

AMR COMBS - BHM

Date TACH 0393.9 HOURS

CRS**BDTR177K

1. REINSTALLED ALL THREE WHEEL FAIRINGS
 2. REPLACED LEFT & RIGHT FUEL CAP GASKETS, P/N 66815-00.
 3. OIL & FILTER CHANGED USING AEROSHELL 15W50
 4. COMPLIED WITH AD90-02-23 (1/22/90) PROPELLER HUB INSPECTED & IS NEXT DUE AT 443.9 HOURS (EVERY 50-HOURS)
 5. COMPLIED WITH AD76-07-12 (8/30/77) BENDIX MAGNETO SWITCH CHECKED OKAY & IS NEXT DUE AT 493.9 HOURS (EVERY 100-HOURS)
- THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. **WORK ORDER NO.11755** DATE 07/19/95**SIG

R. N. Caley
R. N. CALEY

Total To Carry Forward					

N 8442H HOBBS 332.6 HOURS
ACTT 1282.1 HOURS

AMR COMBS - BHM
CRS*BDTR177K

Reinstalled
SEE
W/S
2-97

1. REMOVED LT & RT MAIN WHEEL AND NOSE WHEEL FAIRINGS WEIGHT & BALANCE RECOMPUTED AND THE EQUIPMENT LIST REVISED TO REFLECT THIS CHANGE
 2. COMPLIED WITH TEXTRON S.B.518C OIL THERMOSTATIC BYPASS VALVE INSPECTION AND NO LOOSENES NOTED
 3. COMPLIED WITH AD90-02-23 (01/22/90) HARTZELL PROPELLER HUB INSPECTION AND WILL BE NEXT DUE AT HOBBS TIME OF 382.6 HOURS (DUE EVERY 50-HOURS), NO DEFECTS NOTED AT THIS TIME
 4. OIL AND FILTER CHANGED USING AEROSHEL 15W50, FILTER CUT AND CHECKED NORMAL
 5. GROUND RUN CHECKED AS PER M/M SPECS
- THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE**WORK ORDER No.11681
DATE 06/15/95***SIG

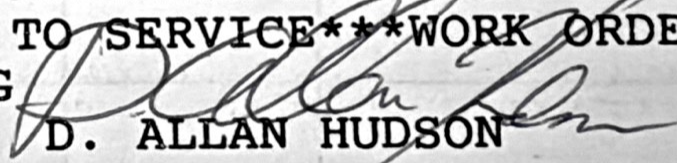
R. W. Carley
R. W. CARLEY

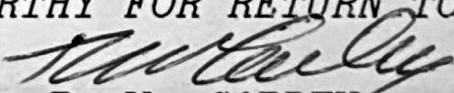
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
<p>N8442H ACTT 1396.3 HRS AMR COMBS - BHM TACH 447.5 HOURS CRS**BDTR177K 1. COMPLETED THE PIPER PA32-301 ANNUAL INSPECTION 2. INSTALLED THE GEM-610 GRAPHIC ENGINE MONITOR AS PER FAA FORM 337 DATED 02-26-96 3. TEST FLIGHT OF THE GEM-610 HAS BEEN COMPLIED WITH AS PER THE INSTALLATION GUIDE:</p>		
<p>DATE <u>2/26/96</u> SIG <u>Larry B. Frost</u></p>		
<p>4. COMPLIED WITH THE FIVE-YEAR PROPELLER OVERHAUL, BY PRECISION PROPELLER SERVICE, INC ON W.O.3409, DATED 02-16-96. AD90-02-23(01-22-90) COMPLIED WITH BY THE PROPELLER SHOP AND IS NEXT DUE AT TACH TIME 497.5 HOURS (DUE EVERY 50-HOURS) 5. COMPLIED WITH AD76-07-12(08/30/77) BENDIX MAGNETO SWITCH CHECKED AND IS NEXT DUE AT 1497 HOURS (DUE EVERY 100-HOURS) 6. COMPLIED WITH AD93-02-05 (06/14/93) FUEL INJECTOR LINE INSPECTION AND IS NEXT DUE AT 02/26/97/1497</p>		

AIRCRAFT LOG

Date	Aircraft Time	Recorder	Maintenance
	HOURS (DUE EVERY 12-MONTHS/100-HOURS)		
	7. COMPLIED WITH AD95-26-13 (02/05/96) REPLACED THE OIL COOLER HOSE USING TSO-C53a, TYPE D HOSE NEXT DUE AT 02-26-04/2397 HOURS (DUE EVERY 8-YEARS/1000-HOURS)		
	8. OIL AND FILTER CHANGED USING AEROSHELL 15W50, FILTER CUT AND CHECKED NORMAL		
	9. REMOVED THE NARCO ELT FOR THE ANNUAL INSPECTION, PANEL PLACARDED, ELT REMOVED-TO BE INSTALLED BY 05-26-96		
	10. REPAIRED THE WHEEL FAIRINGS AS NEEDED		
	11. RENEWED THE TWO LOWER ENGINE MOUNTS, P/N 470-516		
	12. RENEWED THE ALTERNATOR DRIVE BELT		
	13. EXCHANGED THE ELECTRIC TURN & BANK, P/N 1394T100-3Z, CN S/N 9003-122, SUPPLIED BY J.D. CHAPDELAIN COMPANY, W.O.050912, DATED 02-16-96		
	14. GROUND OPS CHECKED NORMAL		
	THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE***WORK ORDER No.12245 DATE***02/26/96***SIG		
		 D. ALLAN HUDSON	
Total To Carry Forward			

and Remarks	Recorder Feeding	Signature	Certificate No.
<p>N8442K AIRFRAME LOG AMR COMBS - BHM TACH 450.6 HOURS CRS**BDTR177K 1. REINSTALLED THE NARCO ELT-10 S/N 12579 FOLLOWING THE ANNUAL INSPECTION AS C/W BY NARCO, DATED 02-14-96, NEW BATTERY NOW DUE AT 03-98. REMOVED THE PANEL PLACARD THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE**WORK ORDER NO.12298**DATE 03/04/96**SIG R. W. CARLEY</p>			
<p>N8442H AIRFRAME LOG AMR COMBS-BHM TACH 0490.4 HOURS CRS**BDTR177K 1. REPLACED THE NOSE WHEEL FAIRINGS P/N GF37891-06 & GF37891-07 AS FURNISHED BY GLOBE FIBERGLASS LTD.(FAA/PMA) 2. REPAIRED THE AFT POSITION NAVIGATION LITE WIRE 3. REPLACED THE RIGHT MAIN GEAR TIRE, ON S/N 60461994 4. REPLACED THE AFT BAGGAGE DOOR SEAL 5. C/W AD96-10-03 (06-14-96) FLAP HANDLE ATTACH BOLT HOLE INSPECTION & INSTALLED A NEW BUSHING, CLEVIS BOLT, WASHER, NUT & COTTER PIN THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE**WORK ORDER NO.12346**DATE 05/30/96**SIG R. W. CARLEY</p>		 R. W. CARLEY	

I certify that the transponder(s) installed has/have been inspected and tested in accordance with FAR 91.413.

#1 Make KING Model KT76A s/n 28158

#2 Make N/A Model N/A s/n N/A

It has been determined that the installed transponder(s) meet the requirements of FAR Part 43 Appendix F

Pertinent details of this work are on file at this repair station under W.O. # 6778-1

Dated 8-30-96

Signed Tommy L. Mizell for

AMR COMBS - BIRMINGHAM
424 East Lake Blvd.
Birmingham, AL 35208
FAA Approved Repair Station #B0TR177K

I certify that the aircraft static pressure system has been inspected and tested in accordance with FAR Part 91.411. The installed altimeter(s)

Left Make UNITED Model 5934PA-1 s/n 06827

Right Make N/A Model N/A s/n N/A

was/were tested to 35000 feet, in accordance with FAR 43 Appendix E

It has been determined the installed systems meet the requirements of, and comply with, FAR Part 43 Appendix F

Pertinent details of this work are on file at this repair station under W.O. # 6778-1

Dated 8-30-96

Signed Tommy L. Mizell for

AMR COMBS - BIRMINGHAM
424 East Lake Blvd.
Birmingham, AL 35208
FAA Approved Repair Station #B0TR177K

N8442H AIRFRAME LOG

AMR COMBS-BHM

TACH 536.2 HOURS

CRS**BDTR177K

1. REPLACED THE MAIN BATTERY USING GILL G-35, ON S/N G01683381,
OPS CHECKED NORMAL

THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT
FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO
SERVICE**WORK ORDER NO.12879**DATE 11/02/96**SIG R. W. Carley

R. W. CARLEY

Total To
Carry Forward

Registration No. 01 73497818

8442H AIRFRAME LOG **AMR COMBS-BHM**

HOBBS 572.1 HOURS **CRS--BDTR177K**

REMOVED THE APOLLO 618 AND INSTALLED THE FOLLOWING:

- A. BENDIX KING KLN 89B GPS NAV
- B. MD-41 SWITCHING UNIT
- C. BENDIX KING KA92 GPS ANTENNA

THE ABOVE KLN89B WAS INSTALLED AS AN IFR APPROVED ENROUTE, TERMINAL AND APPROACH NAVIGATION SYSTEM, SEE THE FAA FORM 337 THIS DATE FOR THE DETAILS

THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE**WORK ORDER NO.6940**DATE 02/04/97**SIG

R. W. Carley
R. W. CARLEY

N8442H AIRFRAME LOG AMR COMBS-BHM

HOBBS 539.7 HOURS CRS**BDTR177K

1. COMPLIED WITH AD90-02-23 (01/22/90) PROPELLER HUB INSPECTION AS PER SB164 & IS NEXT DUE AT HOBBS READING 589.7 HOURS (DUE EVERY 50-HOURS)
2. COMPLIED WITH AD76-07-12 (08-30-77) BENDIX MAGNETO SWITCH INSPECTION & IS NEXT DUE AT HOBBS READING 639.7 HOURS (DUE EVERY 100-HOURS)

THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE**WORK ORDER NO.12907**DATE 11/09/96**SIG

R. W. Carley
R. W. CARLEY

AIRCRAFT LOG

3442H AIRFRAME LOG **AMR COMBS-BHM**
TACH 580.5 HOURS **CRS--BDTR177K** ACTT 1529.3 HOURS

1. COMPLETED THE ANNUAL INSPECTION
2. COMPLIED WITH THE FOLLOWING:
 - A. ENGINE OIL AND FILTER CHANGE USING AEROSHELL 15W50
 - B. AD93-02-05(06/14/93) FUEL INJECTOR LINE INSPECTION AND IS NEXT DUE AT 02/21/98 (DUE EVERY 12-MONTHS)
 - C. AD90-02-23(01/22/90) PROPELLER HUB INSPECTION AS PER HARTZELL SB164, DATED 10/03/89 AND IS NEXT DUE AT 1579.3 HOURS (DUE EVERY 50-HOURS)
3. ELT REMOVED FOR THE NARCO ANNUAL INSPECTION & THE PANEL PLACARDED "ELT REMOVED, INSTALL BY 05/21/97"
4. RESEALED THE FUEL SELECTOR VALVE ASSEMBLY
5. ALIGNED THE NOSE WHEEL TO THE RUDDER AND RUDDER PEDALS
6. REPLACED THE FORWARD RIGHT CABIN DOOR LOCK
7. REPLACED THE ENGINE DRIVEN ALTERNATOR, ON P/N ALY6421, S/N A116580 AS NEWLY OVERHAULED BY AERO ELECTRIC, INC ON W.O. A-133434, DATED 12/09/96. INSTALLED ALTERNATOR DRIVE BELT AND ALTERNATOR ATTACHING HARDWARE
8. REPLACED #3 EXHAUST GASKET AND HARDWARE
9. RESEALED THE RIGHT MAIN BRAKE CYLINDER & BLED THE HYDRAULIC SYSTEM
10. GROUND OPS CHECKED NORMAL

THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE**WORK ORDER NO.13113**DATE 02/21/97**SIG

W. Myers
WILLIAM S. MYERS

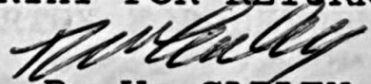
Registration No. _____

No. _____

N8442H AIRFRAME LOG **AMR COMBS-BHM** PIPER PA-32-301

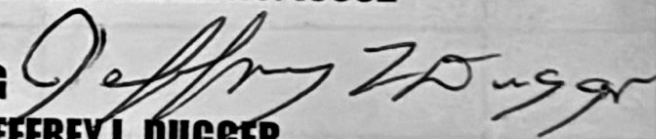
TACH & ACTT 1618.9 HOURS **CRS--BDTR177K** S/N 32-816098

1. ENGINE OIL & FILTER CHANGED USING AEROSHELL 15W50 & CH48103
FILTER, OIL SAMPLE TAKEN
2. C/W AD76-07-12(08/30/77) BENDIX MAGNETO SWITCH INSPECTION AND IS
NEXT DUE AT TACH READING OF 1718.9 HOURS(DUE EVERY 100-HOURS)
3. C/W AD90-02-23(01/22/90) PROPELLER HUB INSPECTION AS PER HARTZELL
SB164, DATED 10/03/89 AND IS NEXT DUE AT TACH READNG OF 1668.9
HOURS (DUE EVERY 50-HOURS)
4. C/W AD93-02-06(06/14/93) FUEL INJECTOR LINE INSPECTION AND IS NEXT
DUE AT 09/10/98 OR TACH TIME OF 1718.9 HOURS(DUE EVERY 12-
MONTHS/100-HOURS)
5. RENEWED THE ELT ANTENNA, ELT OPS CHECKED NORMAL
6. TACHOMETER READING SET TO THE AIRCRAFT TOTAL TIME OF 1618.9 HOURS
THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT
FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO
SERVICE**WORK ORDER NO.13571**DATE 09/10/97**SIG


R. W. CARLEY

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
<p>N8442H AIRFRAME LOG **AMR COMBS-BHM** PIPER PA-32-301</p> <p>TACH & ACTT 1618.9 HOURS **CRS--BDTR177K** S/N 32-816098</p> <p>1. THE ENGINE MODEL IO-540-KIG5, S/N L-21408-48A WAS REMOVED AND WAS OVERHAULED BY MENA AIRCRAFT ENGINES WITH THE COMPLETION DATE OF 11/11/97 (SEE THE #2 ENGINE LOG FOR THE OVERHAUL DETAILS)</p> <p>2. THE ENGINE WAS INSTALLED USING:</p> <p style="margin-left: 20px;">A. FOUR NEW ENGINE MOUNT RUBBERS</p> <p style="margin-left: 20px;">B. NEW FLAMMABLE FLUID HOSES FORWARD OF THE FIREWLL</p> <p style="margin-left: 20px;">C. SHELL 80 MINERAL BASE OIL</p> <p style="margin-left: 20px;">D. NEW BRACKETT INTAKE AIR FILTER ELEMENT</p> <p>3. THE ENGINE WAS GROUND RUN AS PER THE OVERHAULERS INSTRUCTIONS</p> <p>4. I CERTIFY THAT THE REQUIRED OPERATIONAL FLIGHT WAS PERFORMED AND THE ENGINE SYSTEMS CHECKED AS REQUIRED.</p> <p>DATED <u>11-19-97</u> PILOTS NAME <u>Charles Preston</u> CERT NO. <u>2059793</u></p> <p>THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE**WORK ORDER NO.13571**DATE 11/19/97**SIG <u>R. W. Carley</u></p> <p style="text-align: right;">R. W. CARLEY</p>				
Total To Carry Forward				

and Remarks	Signature	Certificate No.
N8442H AIRFRAME LOG HOBBS & ACTT 1638.3 HOURS	AMR COMBS - BHM CRS***BDTR177K	PIPER MODEL PA-32-301 S/N 32-8106098
<ol style="list-style-type: none"> 1. COMPLETED THE ANNUAL INSPECTION 2. COMPLIED WITH THE ENGINE COMPRESSION CHECK AS FOLLOWS: #-76/80; #2-78/80; #3-75/80; #4-70/80; #5-73/80; #6-74/80 3. ELT REMOVED FOR THE NARCO ANNUAL INSPECTION, PANEL PLACARDED " REINSTALL ELT BY 05/20/98" 4. AD90-02-23 (01/22/90) HARTZELL PROPELLER HUB INSPECTED AS PER SB164, DATED 10/03/89 AND IS NEXT DUE AT 1688.3 HOURS (DUE EVERY 50-HOURS) 5. RENEWED THE ENGINE OIL Q-DRAIN 6. RENEWED THE RIGHT WING I/B FUEL TANK LINE 7. RENEWED THE LEFT I/B FLAP ROD END 8. RENEWED THE STABILATOR TOP CENTER PANEL , STAB BALANCED TO M/M SPECS 9. RENEWED THE AFT BAGGAGE DOOR SEAL 10. RENEWED THE HEATER SCAT TUBING FROM THE HEAT EXCHANGER 11. C/W AD93-02-05 (06/14/93) ENGINE FUEL INJECTOR LINE INSPECTION AS PER SB342A, NEXT DUE AT 02-25-99/1738.3 HOURS (DUE EVERY 12-MONTHS/100-HOURS) 12. C/W AD76-07-12 (BENDIX MAGNETO SWITCH INSPECTION AND IS NEXT DUE AT 1738.3 HOURS (DUE EVERY 100-HOURS) 		
<p>THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION</p>		
<p>REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE***WORK ORDER NO. 13882</p>		
<p>DATED 02/25/98</p>		
<p style="text-align: right;"> SIG  JEFFREY L. DUGGER A&P422907611IA </p>		

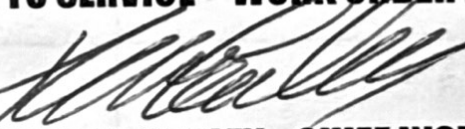
AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		

N 8442H AIRFRAME LOG
PIPER MODEL PA32-301 S/N 32-8106098

AMR COMBS - BHM
CRS-BDTR177K

1. REINSTALLED THE NARCO ELT-10, S/N 12579, FOLLOWING THE NARCO ANNUAL INSPECTION AS PERFORMED BY NARCO ON W.O. #34883, FAR91:207(D) PERFORMED ON 03/16/98 AND THE ELT BATTERY REPLACEMENT DATE IS 05/11/00 . OPS CHECKED NORMAL
THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE*WORK ORDER NO. 13882 DATED 03/24/98**

SIG 
RICHARD W. CARLEY CHIEF INSPECTOR

NARCO AVIONICS INC
SERVICE TAG
MODEL # ELT-10
S/N 12579
DATE 3-16-98
W.O.# 34883
DETACH AND AFFIX TO LOGBOOK

N8442H AIRFRAME LOG
 TACH 1652.2 HOURS

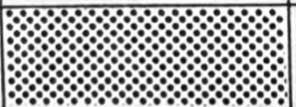
AMR COMBS - BHM
 CRS-BDTR177K

PIPER MODEL PA32-300
 S/N 32-8106098

1. RENEWED THE LEFT MAIN TIRE, ON P/N 301-028-330, S/N 32601947
THE WORK IDENTIFIED ABOVE WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE* DATED 05/26/98***W.O. # 14066**

SIG 
R.W. CARLEY CHIEF INSPECTOR

Total To Carry Forward



WORK ORDER

CAROL'S AIRCRAFT INTERIORS, INC.

4243 EAST LAKE BLVD. BIRMINGHAM, ALABAMA 35217

PHONE (205) 849-9919

FAX (205) 841-4759

APPROVED REPAIR STATION No. P-48266M

NAME: SANFORD, JOHN

ADDRESS: P.O. BOX 530277

CITY: BIRMINGHAM, AL 35253

DATE OPENED: 6/1/98

PAGE 1 OF 1

REGISTRATION NUMBER	MAKE AND MODEL	SERIAL NUMBER
N/A		N/A

MATERIALS AND/OR PARTS REQUIRED

REDESIGN & RECOVER (6) SEATS

FABRICATE & COVER SIDEPANELS

INSTALL CARPET

RE-WEB SEAT BELTS

MATERIALS:

LEATHER - AERISTO AERONAPPA EAGLE

SHEEPSKINS - AERISTO AEROLAMB CAMEL

CARPET - AIRCRAFT INTERIOR PRODUCTS DESIGN WEAVE SANDPIPER

WEBBING - DJ ASSOCIATES T24 U TAN (30562)*

*CERTIFICATE OF CONFORMANCE ON FILE

INSPECTIONS: PRELIMINARY: _____ HIDDEN DAMAGE: _____ IN PROGRESS: _____ FINAL: _____

I hereby authorize the above repair work to be done along with the necessary material, and hereby grant you and / or your Employees permission to operate the airplane herein described for the purpose of testing and / or inspection. An express mechanics lien is hereby acknowledged on above airplane to secure the amount of repairs thereto.

The aircraft, airframe, or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service.

*Pertinent details of the repair are on file at this repair station under Order

No: 1852 Date: 6/24/98

SIGNED: Carol Ann Witt
2341473
(Certificate No.)

X

Certificate No.

Registration No. _____

AIRCRAFT LOG

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

I certify that the transponder(s) installed has/have been inspected and tested in accordance with FAR 91.413

#1 Make King Model KT76A s/n 28158

#2 Make Model s/n

It has been determined that the installed transponder(s) meet the requirements of FAR Part 43 Appendix F

Pertinent details of this work are on file at this repair station under W.O. # 7935

Dated 9/16/88

Signed Cal J. Berts for

AMR COMBS - BIRMINGHAM
4243 East Lake Blvd.
Birmingham, AL 36206
FAA Approved Repair Station #BDTR177K

I certify that the aircraft static pressure system has been inspected and tested in accordance with FAR Part 91.411. The installed altimeter(s),

Left Make United Model 5934PA-1 s/n 06827

Right Make Model s/n

was/were tested to 20000 feet, in accordance with FAR 43 Appendix E

It has been determined the installed systems meet the requirements of, and complies with, FAR Part 43 Appendix F

Pertinent details of this work are on file at this repair station under W.O. # 7935

Dated 9-13-69

Signed Cal J. Berts for

AMR COMBS - BIRMINGHAM
4243 East Lake Blvd.
Birmingham, AL 35206
FAA Approved Repair Station #BDTR177K

Date: 2/26/99

Tach: 1728.5

N-Number: 8442H

TTIS: 1728.5



Augusta Aviation, Inc.

Performed 100 Hour inspection on Airframe. C/W AD's 76-07-12, Bendix Switch and 95-26-13, Oil Cooler Lines. Checked AD's through 99-03.

I certify that this Airframe has been inspected I/A/W the 100 Hour inspection and was determined to be in airworthy condition.

Michael E. Lerdy AIP 238864325
Authorized Inspector

Date: 2/26/99

Tach: 1728.5

N-Number: 8442H

TTIS: 1728.5



Augusta Aviation, Inc.

Performed an Annual inspection on Airframe.

I certify that this Airframe has been inspected I/A/W the Annual inspection and was determined to be in airworthy condition.

Steve My
Authorized Inspector IA256217253

Date: 06/04/1999

N-Number: 8442H



Augusta Aviation, Inc.

Tach: 1795.3

TTIS: 1795.3

Replaced Nose Tire with new. Cleaned, checked and repacked nose wheel bearings.

Ronald J. Rhodes

A&P 252398790

Date: 07/26/1999

N-Number: 8442H



Augusta Aviation, Inc.

Tach: 1827.0

TTIS: 1827.0

Replaced Encoder with new AK-350, SN: 3529 905, performed static test I/A/W FAR 91.411, Part 43, Appendix E and performed Transponder/Encoder Integration Test I/A/W FAR 91.411, 91.413 and Part 43, Appendix F.

Transponder Model KT-76A, SN: 28258

Encoder Model AK-350, SN: 3529 905

Mich. B. Lewis

FAA Repair Station # BSBR596C

Date: 08/24/1999

N-Number: 8442H



Augusta Aviation, Inc.

Tach: 1842.6

TTIS: 1842.6

Replaced Right Main Tire with new. Cleaned, checked and repacked Right Main Wheel Bearings.

James B. Manning
A&P 2590153

Date: 10/12/1999

N-Number: 8442H



Augusta Aviation, Inc.

Tach: 1873.9

TTIS: 1873.9

*Replaced Left Main Tire with new. Cleaned, checked and repacked Left Main Wheel Bearings.
Replaced Left Brake Pads with new.*

James B. Manning
A&P 2590153

Date: 03/09/2000

Registration No.



Tach: 1984.8

N-Number: 8442H

TTIS: 1984.8

Signature

Certificate No.

Augusta Aviation, Inc.

Performed 100 Hour inspection on Airframe. C/W AD's 76-07-12, Bendix Switch and 99-05-09, Induction Air Filters. AD 95-26-13, Oil Cooler Hoses, D/N/A. AD's checked through 2000-03. ELT Battery replaced, expiration date 3/2002. Replaced Left and Right Brake Pads with new.

I certify that this Airframe has been inspected I/A/W the 100 Hour inspection and was determined to be in airworthy condition.

Kevin Hopkins ADP 252472941

ADP 252472941

Date: 03/09/2000

Tach: 1984.8

N-Number: 8442H

TTIS: 1984.8



Augusta Aviation, Inc.

Performed an Annual inspection on Airframe.

I certify that this Airframe has been inspected I/A/W the Annual inspection and was determined to be in airworthy condition.

[Signature]
IA 256217253

Date: 05/16/2000

N-Number: 8442H



Augusta Aviation, Inc.

Tach: 2029.2

TTIS: 2029.2

Removed and replaced Attitude Indicator with new. Ops checked good.
overhauled.

James D. Dunning
A&P 2590153

Date: 11/01/2000

N-Number: 8442H



Augusta Aviation, Inc.

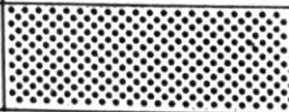
Tach: 2153.2

TTIS: 2153.2

Removed & Replaced Left Main Tire w/new.

Ronald A. Rhodes
A&P 252398790

Total To
Carry Forward



AUTOPILOTS CENTRAL INC.

INTERNATIONAL AIRPORT
P. O. BOX 582108
TULSA, OKLAHOMA 74158
(918) 836-6418 • Fax (918) 832-0138

DATE: 6/12/00 PURCHASE ORDER NO. PHONE: 706-651-0159

NAME: Tom Hardman

ADDRESS: 1504 Huntington Dr.

CITY: Augusta, GA STATE: ZIP: 30909

AIRPLANE MFG. NAME: Piper MODEL NO.: PA32 N. NO.: N8442H

SERVICES NEEDED:
A/P T/S
Com 1 echoes
Com 2 has loud squelch burst
Engine oil temp gage too sensitive to elec. load

TS. SER.
SALE I.
EX. WARR.

INVOICE DATE:

QTY	PARTS DESCRIPTION	PRICE	TOTAL
1ea	Aft Hitch/Trim Cable (w/ole, 18ft/1/4)	28.00	28.00
1ea	63532-0000 Drum	80.70	80.70
2ea	452413 bushings	8.78	17.56
2ea	226022 LH turbine keys	10.55	21.10
1	485126 IC	10.51	10.51
2	68528 lamp	3.80	7.60
1	65350	15.00	15.00
4	4A954-1 brushes	10.50	42.00
4	150022A022 bearings	14.50	58.00
2	7586 connector	26.67	53.34
1ea	Torque Sensing Pickoff (1/8" lead)	600.00	600.00
1	319A289 MOTOR	250.00	250.00
1	32007-1003 bearing	53.55	53.55
1	32006-008	34.50	34.50
TEST PILOT FEE 1			67.50
LACER from Pg 2			1944.25
TOTAL PARTS			1521.86

DESCRIPTION: Aft Hitch/Trim Cable
KIPPE test + security - pull
- tested on 20 lbs. 37.50

Troubleshoot stiff elevator trim system. Replaced trim barrel to bushings on aft barrel assembly. Replaced aft trim cable. Installed components to Riggold Elevator trim system IAW MFB Specs. 8.5 HRS 573.75

Ground test - Removed computer, made annunciator, made programmer, Rail to pitch servos, trim servo, altitude gyro for bench test. 3.8 HR 256.50

Computer 10757-1002003 SN 1857E Replaced IC-16 on PCB assy. 810436-3, cleaned Pic cable socket + JRII-14, JRII-34 & bench tested IAW century manual 6851029. 4.5 HRS 303.75

Made Annunciator 16774 SN 868 Replaced HDG to ALT lamps Bench tested IAW century manual 6851653. 1 HR 67.50

Programmer 16771 SN 470 Resolder switches, replaced 1ea faceplate lamps & bench tested IAW century manual 685653. 1.6 HRS 108.00

Rail Servo 16363-1-866R SN 35364A Disassembled motor cleaned and reassembled with new brushes to bearings. Cleaned & lubed. Cleaned & lubed clutch. Replaced connector. Bench test to Specs. 546.00

TEST PILOT FEE 1 67.50
LACER from Pg 2 1944.25
THE ARTICLES AND/OR WORK HEREON DESCRIBED IS/ARE CERTIFIED AIRWORTHY.
AUTOPILOTS CENTRAL, INC.
FAA REPAIR STATION CM2R747X
AUTHORIZED SIGNATURE: [Signature]

TOTAL LABOR 3769.25

PARTS	1521.86
LABOR	3904.25
HANDLING CHARGE	
STATE TAX	120.49
FED. TAX	
TOTAL AMOUNT	\$ 5547.10

I HEREBY AUTHORIZE THE ABOVE REPAIR WORK TO BE DONE ALONG WITH THE NECESSARY MATERIAL AND HEREBY GRANT YOU AND/OR YOUR EMPLOYEES PERMISSION TO GROUND OPERATE THE AIRPLANE HEREON DESCRIBED FOR THE PURPOSE OF TESTING AND/OR INSPECTION AS EXPRESS MECHANIC'S LAW IS HEREBY ACKNOWLEDGED ON ABOVE CAR, TRUCK, AIRPLANE OR VEHICLE TO SECURE THE AMOUNT OF REPAIRS THEREON.

CUSTOMER OR AGENT'S SIGNATURE: [Signature]

WE ARE NOT RESPONSIBLE FOR LOSS OR DAMAGE TO AIRPLANE OR ARTICLES LEFT IN AIRPLANE IN CASE OF FIRE, THEFT OR ANY OTHER CAUSE BEYOND OUR CONTROL.

TERMS _____

AUTOPILOTS CENTRAL INC.

INTERNATIONAL AIRPORT
P. O. BOX 582108
TULSA, OKLAHOMA 74158
(918) 836-6418 • Fax (918) 832-0138

DATE: PURCHASE ORDER NO. PHONE:

NAME:

ADDRESS:

CITY: STATE: ZIP:

AIRPLANE MFG. NAME: MODEL NO.: N. NO.:

SERVICES NEEDED:
TS. SER.
SALE I.
EX. WARR.

INVOICE DATE:

QTY	PARTS DESCRIPTION	PRICE	TOTAL
	Pitch Servo 16812-2-863 SN 765 Cleaned sapstan, motor and geartrain assy. Replaced motor brushes to bearings. Replaced torque sensing pickoff, cleaned slip rings and brushes. Bench test & adjusted IAW Century manual 685802. 546.00		546.00
	Trim Servo 16373-6-529 SN 21940A Disassembled motor geartrain to clutch, cleaned all parts. Lubed geartrain to bushings. Reassembled with new motor and connector. 595.00		595.00
	Reinstalled A/P campanis & performed around checks. OPS check & load. 3.9 263.25		263.25
	Test fly to calibrate. 1 HR 67.50		67.50
	Remove oil temp wire away from alternator lead to minimize temp fluctuations. fit with electrical lead. 1 HR 67.50		67.50
	CORRECTED W.P. WIRE FOR INTERLOCK BETWEEN Com 1 + Com 2 ARE BOUND BY IAW10 INSTALLATION INSTRUCTIONS TO ELIMINATE XMIT ECHO EFFECT. 4.0 HR 270.00		270.00
	ATTITUDE GYRO (20267m JAW SP42A Replaced outer gimbal & bearings, cleaned & re-calibrated gyro. 2.0 175.00		175.00
TEST PILOT FEE			67.50
TOTAL LAB P2			1944.25
THE ARTICLES AND/OR WORK HEREON DESCRIBED IS/ARE CERTIFIED AIRWORTHY. AUTOPILOTS CENTRAL, INC. FAA REPAIR STATION CM2R747X AUTHORIZED SIGNATURE: [Signature]			
TOTAL PARTS			1521.86

TOTAL LABOR 3769.25

I HEREBY AUTHORIZE THE ABOVE REPAIR WORK TO BE DONE ALONG WITH THE NECESSARY MATERIAL AND HEREBY GRANT YOU AND/OR YOUR EMPLOYEES PERMISSION TO GROUND OPERATE THE AIRPLANE HEREON DESCRIBED FOR THE PURPOSE OF TESTING AND/OR INSPECTION AS EXPRESS MECHANIC'S LAW IS HEREBY ACKNOWLEDGED ON ABOVE CAR, TRUCK, AIRPLANE OR VEHICLE TO SECURE THE AMOUNT OF REPAIRS THEREON.

CUSTOMER OR AGENT'S SIGNATURE: _____

WE ARE NOT RESPONSIBLE FOR LOSS OR DAMAGE TO AIRPLANE OR ARTICLES LEFT IN AIRPLANE IN CASE OF FIRE, THEFT OR ANY OTHER CAUSE BEYOND OUR CONTROL.

TERMS _____

PARTS	
LABOR	
HANDLING CHARGE	
STATE TAX	
FED. TAX	
TOTAL AMOUNT	

ds

AUTOPILOTS CENTRAL INC.

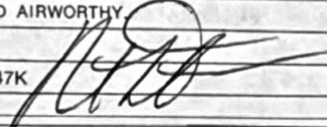
INTERNATIONAL AIRPORT
P. O. BOX 582108
TULSA, OKLAHOMA 74158
(918) 836-6418 • Fax (918) 832-0136

DATE 10/24/00	PURCHASE ORDER NO.	PHONE (706) 651-0159
------------------	--------------------	-------------------------

NAME Tom Hardman		
ADDRESS 1504 Huntington Dr.		
CITY Augusta, GA	STATE GA	ZIP 30909

AIRPLANE MFG. NAME Piper	MODEL NO. PA32	SERIAL NO. N8442H
SERVICES NEEDED Autopilot troubleshoot		TS. SER. SALE I. EX. WARR.
INVOICE DATE: 10/25/00		


DESCRIPTION	AMOUNT
Ground test. Removed computer, roll servo and pitch servo for bench test. 2.2 Hrs. Labor	N/C
Computer 1D757-1002003 S/N 1857E Repaired broken pin CD184-1 (trim sensor input) and bench tested IAW Century manual #68S1029. 3.7 Hrs. Labor	N/C
Roll Servo 1C363-1-865R S/N 35364A Found stuck brush in motor. Disassembled motor, cleaned all parts. Reassembled and bench tested IAW Edo manual #68S371. 1.0 Hr. Labor	N/C
Pitch servo 1C812-2-863 S/N 765 Readjust capstan torque to specs and bench checked IAW Century manual #68S802. 1.0 Hr. Labor	N/C
Reinstalled autopilot components and performed ground test. 3.4 Hrs. Labor	N/C
Troubleshoot Nav flag and needle problem. Found resistive connection at pin 5 of KNS80 connector. No repairs made at this time. 2.0 Hrs. Labor	140.00
Test flew and performed in flight alignment of autopilot. Test flew ok.	
TEST PILOT FEE	

THE ARTICLES AND/OR WORK HEREON DESCRIBED IS/ARE CERTIFIED AIRWORTHY
AUTOPILOTS CENTRAL, INC.
FAA REPAIR STATION CM2R747K
AUTHORIZED SIGNATURE 

TOTAL PARTS

TOTAL LABOR 140.00

I HEREBY AUTHORIZE THE ABOVE REPAIR WORK TO BE DONE ALONG WITH THE NECESSARY MATERIAL AND HEREBY GRANT YOU AND/OR YOUR EMPLOYEES PERMISSION TO GROUND OPERATE THE AIRPLANE HEREIN DESCRIBED FOR THE PURPOSE OF TESTING AND/OR INSPECTION. AN EXPRESS MECHANIC'S LIEN IS HEREBY ACKNOWLEDGED ON ABOVE CAR, TRUCK, AIRPLANE OR VEHICLE TO SECURE THE AMOUNT OF REPAIRS THERETO.

CUSTOMER OR AGENTS SIGNATURE 
SIGNATURE REQUIRED AS PER FAA CERTIFIED STATION OPERATION MANUAL SEC. 5 PG. APPROVED UNDER AUTHORIZATION FW-257-7.

WE ARE NOT RESPONSIBLE FOR LOSS OR DAMAGE TO AIRPLANE OR ARTICLES LEFT IN AIRPLANE IN CASE OF FIRE, THEFT OR ANY OTHER CAUSE BEYOND OUR CONTROL.

TERMS PAID

PARTS	
LABOR	140.00
HANDLING CHARGE	
STATE TAX	
FED. TAX	
TOTAL AMOUNT	\$140.00

Registration No. _____

and Remarks

Signature

Certificate No.

Date: 03/19/2001

N-Number: 8442H



Augusta Aviation, Inc.

Tach: 2248.1

TTIS: 2248.1

Installed Certified Standard Altimeter and Performed Static Test I/A/W FAR 91.411 and Part 43, Appendix E. Performed Transponder/Encoder Integration Test I/A/W FAR 91.411, 91.413, and Part 43, Appendix F.

Transponder Model KT-76A SN: 28258

Encoder Model AK-350 SN: 3529 905

Michael E. Chen

FAA Repair Station # BSBR596C

Date: 03/16/2001



Tach: 2248.1

N-Number: 8442H

TTIS: 2248.1

Aircraft Time

Date

This Date

Total

Augusta Aviation, Inc.

Maintenance

Brought

Forward

Performed 100 Hour inspection on Airframe. C/W AD 76-07-12, Bendix Switch. Checked AD's through 2001-04. Re-packed Nose Strut.

I certify that this Airframe has been inspected I/A/W the 100 Hour inspection and was determined to be in airworthy condition.

Ronald Whelan A&P 252398790
A&P 252398790

Date: 03/16/2001



Tach: 2248.1

N-Number: 8442H

TTIS: 2248.1

Augusta Aviation, Inc.

Performed an Annual inspection on Airframe.

I certify that this Airframe has been inspected I/A/W the Annual inspection and was determined to be in airworthy condition.

Total
Carry Forward

[Signature]
IA 256217253

AUTOPILOTS CENTRAL INC.

INTERNATIONAL AIRPORT
 P. O. BOX 582108
 TULSA, OKLAHOMA 74158
 (918) 836-6418 • Fax (918) 832-0136

DATE: 5/1/01 PURCHASE ORDER NO. PHONE: 706-651-0159

NAME: Tom Hardman

ADDRESS: 1504 Huntington Dr.

CITY: Augusta, GA STATE: 30909 ZIP:

AIRPLANE MFG. NAME: Piper MODEL NO.: PA32 N. NO.: N8442H

SERVICES NEEDED: A/P T/S
 TS. SER. SALE I. EX. WARR.

INVOICE DATE:

QUAN	PARTS DESCRIPTION	PRICE	TOTAL
1	612241 CONTROLLER BOARD		31.81
1	1V285-991 ROTOR		150.00
2	\$30006-003 BEARING	22.40	43.20
1	\$30027-003 BEARING		53.55
1	\$30006-008 BEARING		34.50
1	KLN 94 GPS P/N 069-01034-0101 S/N 2966		3100.00
1	5J B25 HINGE		2.00
1	64/E200 CAP RESISTOR		7.37
1	21\$185 CAP		5.99
1	21\$199 CAP		5.28

TOTAL PARTS 3433.70

TOTAL LABOR 1213.00

I HEREBY AUTHORIZE THE ABOVE REPAIR WORK TO BE DONE ALONG WITH THE NECESSARY MATERIAL AND HEREBY GRANT YOU AND/OR YOUR EMPLOYEES PERMISSION TO GROUND OPERATE THE AIRPLANE HEREIN DESCRIBED FOR THE PURPOSE OF TESTING AND/OR INSPECTION. AN EXPRESS MECHANIC'S LIEN IS HEREBY ACKNOWLEDGED ON ABOVE CAR, TRUCK, AIRPLANE OR VEHICLE TO SECURE THE AMOUNT OF REPAIRS THERETO.

CUSTOMER OR AGENT'S SIGNATURE: *[Signature]*
 SIGNATURE REQUIRED AS PER FAA CERTIFIED STATION OPERATION MANUAL, SEC. 5 PG. APPROVED UNDER AUTHORIZATION PW-257-7.

WE ARE NOT RESPONSIBLE FOR LOSS OR DAMAGE TO AIRPLANE OR ARTICLES LEFT IN AIRPLANE IN CASE OF FIRE, THEFT OR ANY OTHER CAUSE BEYOND OUR CONTROL.

TERMS _____

DESCRIPTION	AMOUNT
T/SHOOT A/P SYSTEM & REMOVED A.H. & FLIGHT COMPUTER 1.6	70.00
52D167M SN 3442A T/SHOOT A.H. FOUND UNIT FAULTY, O/A & CERTIFIED IIA/W SIGMATEK MANUAL # 7-78-2	398.00
1D757 SN 1857E T/SHOOT A/P FLIGHT COMPUTER, REPLACED R23, C6, C9 & ONE HINGE ON TRANSDUCER FOR ASSY. (81D437), B/C UNIT IIA/W CENTURY MANUAL 68\$1029 (3.5 HRS) 245.00	245.00
REINSTALL A/P UNITS IN A/C & GRD CHECK SYSTEM OK	
T/FLY A/P SYSTEM OK & CLOSE A/C (1.00)	70.00
LABOR TO UPGRADE GPS TO KLN 94 / QUOTE	360.00
(1) TEST PILOT FEE	70.00
THE ARTICLES AND/OR WORK HEREON DESCRIBED IS/ARE CERTIFIED AIRWORTHY. AUTOPILOTS CENTRAL, INC. FAA REPAIR STATION CM2R747K AUTHORIZED SIGNATURE: <i>[Signature]</i>	

PARTS	\$ 3433.70
LABOR	1213.00
HANDLING CHARGE	
STATE TAX	271.85
FED. TAX	
TOTAL AMOUNT	\$ 4918.55

24681/5

Registration No. _____

and Remarks	Signature	Certificate No.

5-2-01 Piper PA-32-301 s/n 32-8106098 N8442H

Removed Bendix/King GPS KLN-89B s/n3204. Installed Bendix/King GPS KLN-94 s/n 2966 and Placarded GPS controls "GPS limited to VFR use only". Negligible change in weight and balance.

Autopilots Central, Inc.
 CM2R747K W.O. 24681

Authorized Signature: Weldon C. Harvey

ds

AUTOPILOTS CENTRAL INC.

INTERNATIONAL AIRPORT
P. O. BOX 582108
TULSA, OKLAHOMA 74158
(918) 836-6418 • Fax (918) 832-0136

24717

DATE 5/15/01	PURCHASE ORDER NO.	PHONE 706-651-0159
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NAME
Tom Hardman

ADDRESS
1504 Huntington Dr.

CITY STATE ZIP
Augusta, GA 30909

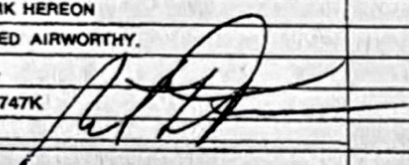
AIRPLANE MFG. NAME Piper	MODEL NO. Saratoga PA32	N. NO. N8442H
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SERVICES NEEDED
A/P T/S

TS.	SER.
SALE	I.
EX.	WARR.

INVOICE DATE:

QVAN	PARTS DESCRIPTION	PRICE	TOTAL
1	818419 BRACKETS	n/c	n/c
TOTAL PARTS n/c			

DESCRIPTION	AMOUNT
TIS AP - TEST HOW TO ISOLATE MALFUNCTION - AFTER FLIGHT REMOVED PITCH SERVO FOR O/C.	2.2 hrs n/c
O/C Pitch Servo / C812-2-863 SIN 265 REPLACED BRACKET GRAM, CLEANED SLIP RINGS + BRASSERS ALIGNED O/C + CERTIFIED TO SPEC.	2.3 hrs n/c
REINSTALLED SERVO RAMP OK.	1.0 hr n/c
TEST PILOT FEE	
THE ARTICLES AND/OR WORK HEREON DESCRIBED IS/ARE CERTIFIED AIRWORTHY. AUTOPILOTS CENTRAL, INC. FAA REPAIR STATION CM2R747K AUTHORIZED SIGNATURE 	
TOTAL LABOR n/c	

I HEREBY AUTHORIZE THE ABOVE REPAIR WORK TO BE DONE ALONG WITH THE NECESSARY MATERIAL, AND HEREBY GRANT YOU AND/OR YOUR EMPLOYEES PERMISSION TO GROUND OPERATE THE AIRPLANE HEREBY DESCRIBED FOR THE PURPOSE OF TESTING AND/OR INSPECTION. AN EXPRESS MECHANIC'S LIEN IS HEREBY ACKNOWLEDGED ON ABOVE CAR, TRUCK, AIRPLANE OR VEHICLE TO SECURE THE AMOUNT OF REPAIRS THERETO.

WE ARE NOT RESPONSIBLE FOR LOSS OR DAMAGE TO AIRPLANE OR ARTICLES LEFT IN AIRPLANE IN CASE OF FIRE, THEFT OR ANY OTHER CAUSE BEYOND OUR CONTROL.

CUSTOMER OR AGENTS SIGNATURE _____
SIGNATURE REQUIRED AS PER FAA CERTIFIED STATION OPERATION MANUAL SEC. 5 PB, APPROVED UNDER AUTHORIZATION FW-297-7.

TERMS _____

PARTS	
LABOR	
HANDLING CHARGE	
STATE TAX	
FED. TAX	
TOTAL AMOUNT	

Date: 05/31/2001

Registration No.

Tach: 2343.0

N-Number: 8442H



Signature

TTIS: 2343.0

Certificate No.

Augusta Aviation, Inc.

Replaced Right Main Tire with new. Cleaned, checked and repacked Right Main Wheel Bearings.

Christopher Christy A&P 251318865
A&P 251318865

6-5-01

Piper PA-32-301

s/n 32-8106098

N8442H

Bendix/King KLN-94 GPS System is now approved for "Enroute, Terminal and Non-Precision Approach" modes of IFR operation. See FAA Form 337 this date for details of GPS IFR Certification. An FAA Approved Flight Manual Supplement for KLN-94 dated 6-1-01 must remain in aircraft at all times.

Autopilots Central, Inc.
CM2R747K W.O. 24681
Authorized Signature:

Weldon C. Levey

Date: 12/07/2001

Tach: 2507.1

N-Number: 8442H

TTIS 2507.1



Augusta Aviation, Inc.

Replaced Left Main Tire with new. Cleaned, checked and repacked Left Main Wheel Bearings.

Randy A. Drake A&P 252398790
A&P 252398790

Date: 03/05/2002

Tach: 2578.2

N-Number: 8442H

TTIS 2578.2

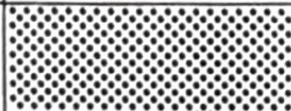


Augusta Aviation, Inc.

Replaced Right Main Tire with new. Cleaned, checked and repacked Right Main Wheel Bearings.

Christopher Christy A&P 251318865
A&P 251318865

Total To
Carry Forward



Date: 03/15/2002

N-Number: 8442H



Augusta Aviation, Inc.

Tach: 2592.7

TTIS 2592.7

and Remarks

Signature

Certificate No.

Replaced Aircraft Battery with new. Ops checked good.

Christopher Christy A&P 251318865
A&P 251318865

Date: 5/10/2002

N-Number: 8442H



Augusta Aviation, Inc.

Tach: 2644.2

TTIS 2644.2

Performed 100 Hour inspection on Airframe. C/W AD 76-07-12, Bendix Switch, and 99-24-10, SVS III, Standby Vac Sys. Replaced Vacuum Line with new. Replaced Lower Cowl Mount Nut Plates with new. Replaced ELT with new unit. ELT Battery expiration is 5/2004. Replaced Rear Door Seal with new. Replaced Left Main Tire with new. Checked AD's through 2002-08.

I certify that this Airframe has been inspected I/A/W the 100 Hour inspection and was determined to be in airworthy condition.

Ken Hoch A&P 252472941
A&P 252472941

Date: 5/10/2002

N-Number: 8442H



Tach: 2644.2

TTIS 2644.2

Performed an Annual inspection on Airframe.

I certify that this Airframe has been inspected I/A/W the Annual inspection and was determined to be in airworthy condition.

IA 256217253

Date: 8/22/2002

N-Number: 8442H



Tach: 2737.8

TTIS 2737.8

C/W AD 76-07-12, Bendix Switch. Service Tires, Battery and Brakes. Replaced Nose Tire with new. Cleaned, checked and repacked Nose Wheel Bearings.

A&P 252472941

A&P 252472941

Date: 12/23/2002

N-Number: 8442H



Tach: 2826.0

TTIS 2826.0

Removed and replaced both Main Tires with new. Cleaned, checked and repacked Main Wheel Bearings.

A&P 256929542

2/6/03

Tach: 2855.4

Changed oil & filter using 12 Qts. Of AS 100 and 1 CH48110 Filter, Cut open filter. No metal noted. C/W with compression checks #1 70/80 #3 74/80 #5 65/80 #2 72/80 #4 70/80 # 6 70/80 Ran engine. No leaks noted. Replaced all spark plugs PN REM 38E. Aircraft returned to service.

Wayne C. Newton

AP 252863688

AMR COMBIS-BHM
CRS-EDTR 177K
4243 EASTLAKE BLVD
BIRMINGHAM, AL 25217
OFFICE 205-849-3826
FAX 205-949-5644

N8442H

PIPER MODEL PA-32-301

S/N 32-8106098

10-05-98

