

REPLACE ELT BATTERY BY:

~~MAY 28 1981~~

AIRCRAFT LOG

ATTACH TO
FRONT OF LOG BOOK

REPLACE ELT BATTERY BY:

OCT 28 1982

FRONT AIRCRAFT CORP

REPLACE ELT BATTERY BY:

~~MAR 28 1980~~

AIRCRAFT DESCRIPTION

Registration No. N85354

Model: PA-30 Popular Name: Wren Comanche B

Serial No.: 30-1096 Type Certificate No.: A1EA

Colors: White - Pontiac Red - Black

Engine Manufacturer: Lycoming Propeller Manufacturer: Hartzell

Original Engine Model: F0-320-B1A Original Propeller Model: HC-E24L-25/7663-4

Serial Numbers: Single _____ Hub or Serial Number: Single _____

Left L-3649-55A

Left BG-3559

Right L-3652-55A

Right BG-3445

Blade Numbers

	Left		Right
C 9297	B34250	C 5285	B20553
C 9409	B34253	C 2715	B20568

Registration No. _____

and Remarks	Signature	Certificate No.
<div data-bbox="152 256 737 515" style="border: 1px solid black; padding: 5px;"><p>THE FOLLOWING MINOR AND/OR MAJOR ALTERATIONS COMPLETED <u>6-4-68</u> SEE REVISION TO W & B MANUAL AND EQUIPMENT LIST. NEW EMPTY WEIGHT <u>2431.9</u> NEW EMPTY WT. C. G. <u>83.9</u></p></div>	SUPERSEDED BY <u>337</u> DATE <u>8/oct/69</u> SIGNATURE <u>John F. Fall</u> Robert J. DeWitt	
<p><u>6-4-68 I installed Narco UDH DME, Repair Station #1154</u> <u>Narco UAT-1 Transponder, Narco UGR-2</u> <u>Glide slope, I VI Strobe light and</u> <u>and Alcor Ekonomus Model 36</u> <u>Details as to installation on</u> <u>FAA Form 337</u></p>		<p>Horizon Aviation, Inc. P. O. Box 4096, Fort Hill S Lynchburg, Va. 24502</p>

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
6/20	Brought Forward →		32.87	INSTANT ALTIMETER
Total To Carry Forward				

and Remarks

SEA 42

I certify that
FAR Part 91
tested to 2
Date of Alt.
Signed 2

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
	<p>SLA # 6708822 overhaul</p>	<p>Zslipjohnson</p>	<p>ATP1582142</p>
	<p>I certify that the altimeter and static system tests required by FAR Part 91.170 have been performed. The altimeter was tested to <u>20,000</u> feet on <u>5/9/68</u> BY</p>		
	<p>Date of Alt. Test <u>5/9/68</u> Date of Static Test <u>4/21/68</u></p>	<p>ASA CRAFT INSTRUMENT</p>	<p>W O 10094</p>
	<p>Signed <u>Zslipjohnson</u> Cert. No. <u># 1154</u></p>		

Component identified with _____

Registration No. _____

and Remarks	Signature	Certificate No.
7-13-68 50 hour inspection completed this date. All work accomplished on file W.O.#3741		

HORIZON AVIATION, INC.
LYNCHBURG MUNICIPAL AIRPORT
LYNCHBURG, VIRGINIA
FAA REPAIR STATION NO. 1154

I CERTIFY THAT THIS AIRCRAFT HAS BEEN
INSPECTED IN ACCORDANCE WITH 50
HOUR ~~ANNUAL~~ INSPECTION AND DETER-
MINED TO BE IN AIRWORTHY CONDITION.

TACH TIME 52.55 TOTAL TIME 52.55

W. O. No: 3741 DATE 7-13-68

Robert G. Daulton #1154
SIGNATURE FAA-REP. STA.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance	and Remarks
	This Date	Total			
8-31-68	Brought Forward →				Install new Altimeter
9-25-68			99.0		Serial 100 HA INSPE BEARINGS, RE CYLINDER, C/M MAGNETO SW Installed New
					Edgar

SERVICED BY
AIRCRAFT INSTRUMENT SERVICE, INC.
P. O. Box 5196, Phone 883-2877
CORPUS CHRISTI, TEXAS

Test & Inspection Report

Customer *Aviation Aviation*
 Instrument *Altimeter*
 Serial No. *A5141*
 Part # *22-977-02*
 Calibration within
 Manufacturer's Tolerance

Jae
TECHNICIAN

Conforms to:
 Print *Math C White*
 Approved by *H. J. Jones*
 SERVICE Supt.
Sal Alvarado
 CHIEF INSPECTOR

Total To Carry Forward

Registration No. _____

Description and Remarks	Signature	Certificate No.
<p>Serial # A 5141 APP 1630606</p> <p>100 HR INSPECTION - CHECKED BATTERY, CHECKED BRAKE FLUID, GREASED WHEEL BEARINGS, REPLACED BRAKE LININGS, GREASED AIRCRAFT, REPLACED "O" RING LEFT WHEEL CYLINDER, CLEANED FUEL SCREENS, REPAIRED AIR LEAK AT CABIN DOOR, INSTALLED NEW KEET MAGNETO SWITCH - RIGHT ENGINE, FREE UP CABIN AIR CONTROLS, REPAIRS AUTOPILOT</p> <p>Installed New Gyro Horizon S/N 1783A. TACH READING 99.0</p>		
<p>Edgar R. Sprouse D/P 1803401</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>9-25-68</p> <p><u>Edgar R. Sprouse</u></p>	<p>APPROVED BY</p> <p><u>Edgar R. Sprouse</u></p> <p>INSPECTOR FOR PIEDMONT AVIATION, INC. WINSTON SALEM, N. C.</p>

APPROVED REPAIR STATION NO. 1540 LTD

Registration No. _____

ance and Remarks	Signature	Certificate No.
<p>100 HR. INSP. COMPLETED THIS DATE PERTINENT DETAILS OF THIS INSP ARE ON FILE AT THIS REPAIR STATION UNDER W.O. No. 3791 TT 0195.21</p>		
<p>Aero Industries I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 HR</u> INSPECTION AND WAS DETERMINED TO BE IN AIR- WORTHY CONDITION.</p>	<p>AERO INDUSTRIES BYRD AIRPORT, RICHMOND, VA. E. A. A. Approved Repair Station No. 4260 Class 1 and 3 Airframe No Limitations Class 1 2 Radio Date <u>2-26-69</u> (Power Plant Limited) Signature <u>E. H. [unclear]</u> Title <u>insp.</u></p>	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
9-5-69	Brought Forward →	301.5	301.5	
Total To Carry Forward				

and Remarks

100NK/W
GREASE
TIRES, O
FILTERS,
H. J. B.

Registration No. 8535Y

Maintenance	and Remarks	Signature	Certificate No.
	<p>100% INSPECTION - SERVICED BRAKE RESERVOIR, SERVICED BATTERY, GREASED AIRCRAFT, GREASED WHEEL BEARINGS, RETARDED MAIN GEAR TIRES, CLEANED FUEL SELECTOR VALVE SCREENS, REPLACED VACUUM FILTERS, REPLACED LEFT BRAKE LINING. TACH. READING 301.5 H. J. Brindle A/E 1055853</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. 9-5-69</p>	
		<p>APPROVED BY <u>H. J. Brindle</u></p>	
		<p>INSPECTOR FOR PIEDMONT AVIATION, INC. WINSTON-SALEM, N. C. APPROVED REPAIR STATION NO. 1000 LSP</p>	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Feb 20, 1970	Brought Forward →	400:00		
<p>100 hour inspection. jacked aircraft Packed wheel bearing inspected brakes installed tires. greased gear checked gear retract. inspected and lubed aircraft using Paper service sheets.</p>				
<p>Feb 20 1970 N 8535Y TOTAL TIME 400.00</p>				
<p>I CERTIFY THAT THIS AIRCRAFT/ENGINE, HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HR. / PERIODIC INSPECTION, AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p>				
Total To Carry Forward				

AI M. H. Peens APP 1595359

and Remarks

2/20

I CERTIFY
 BEEN INS
~~100 HR~~
 DETERMINED

AD

5-16-7

PC 6 B

Registration No. N 8535Y

Maintenance	and Remarks	Signature	Certificate No.
	<u>2/20 1970 N 8535Y TOTAL TIME 400.0</u>		
ft	I CERTIFY THAT THIS AIRCRAFT/ ENGINE , HAS		
akes	BEEN INSPECTED IN ACCORDANCE WITH A <u>NN072</u>		
l	100 HRP PERIODIC INSPECTION, AND WAS		
d	DETERMINED TO BE IN AIRWORTHY CONDITION.		
nts-	At <u>200106 Owen Keiser</u>		
0.00	AD 69-24-4 c/w (UMC SPEED PLACARD 90MPH c/w)		
HAS	5-16-70 Replaced FliteTronix PC6A with a		
HA	PC6B converter. <u>wt change negligible.</u>		
AS	The ElectroSonics Division, Aradio Corporation, Port Columbus, Columbus, Ohio. I hereby certify the above equipment was in- stalled to FAR Specifications Part 43. See FAA-337 this date for details. FAA Radio Repair Station 1009.	Signed <u>Owen Keiser</u>	
ENTION.	<u>595359</u>		

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
	<p>100 Hr. inspection: Modify Fuel selector valve per S.B. 314: Install stall warning horn per S.B. 310: Inspect prop blades Per S.B. 318 Dpt. #2 A.D. 70-16-3 Replace instrument Air Filter: Repair Ssus Fasteners in nose cowling: Replace bungee Assist cords on gear: Re-line brakes: Repair Rot. Ben: Replace bolt in Top rudder hinge: Clean Fuel screens: Grease Aircraft</p>		
	<p>Tach. Time 501.8 8-14-70</p>		
	<p><i>Sebastian Johnson</i> AXP1456501 certify that this aircraft has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in <u>airworthy condition.</u> 8-14-70</p>	<p>APPROVED BY <i>Mike King</i> INSPECTOR FOR PIEDMONT AVIATION, INC. WINSTON SALEM, N. C. OFFICE NUMBER STATION NO. 1441 118</p>	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance	and Remarks
	This Date	Total			
3-24-71	Brought Forward →		618.6	Installed New Airspeed / No. and overhauled altimeter # 68E10358 certified to 25,000 ft. I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY FAR PART 91.170 HAVE BEEN PERFORMED. THE ALTIMETER HAS BEEN TESTED TO <u>25,000</u> FEET DATE <u>AUGUST 20, 1970</u> SIGNED <u>(Signature)</u> PIEDMONT AVIATION, INC. WINSTON-SALEM, N. C. APPROVED REPAIR STATION	100 Hz Ins Installed Fuel Gauge Brake Rese Right Wheel
Total To Carry Forward					

Registration No. N8535Y

Maintenance	and Remarks	Signature	Certificate No.
AS PER / NO.	100HR INSPECTION - GREASED AIRCRAFT, GREASED WHEEL BEARINGS,		
AIRMETER	INSTALLED NEW BRAKE LININGS, INSTALLED NEW SET TIRES, CHECKED		
TO 25,000	FUEL GAUGE SWITCHES, FREE UP FLAP ROLLERS, CHECKED BATTERY, FILLED		
AND STATIC SYSTEM TEST	BRAKE RESERVOIR, CLEANED FUEL STRAINERS, REPLACED SPLASH PLATE IN		
BEEN PERFORMED. THE	RIGHT WHEEL WELL, REPAIRED ROTATING BEARINGS, TACH. READING 618.6		
25,000	<i>W. J. O'Neil</i> RP 210980	I certify that this aircraft has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition. <u>3-24-71</u>	
1970		APPROVED BY	
		<i>W. J. O'Neil</i>	
		INSPECTOR FOR PIEDMONT AVIATION, INC. WINSTON-SALEM, N. C.	
		APPROVED REPAIR STATION NO. 1000 IND	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance	and Rem
	This Date	Total			
11-18-71	Brought Forward →		734.2	100 HR INSPECTION - INSTALLED AIR FLOW KIT PER SERVICE LETTER NO 558, FILLED SCARF RESERVOIR, CHARGED BATTERY, CLEANED AND PAINTED BATTERY BOX, GREASED AIRCRAFT, GREASED WHEEL BEARINGS, CLEANED AND DRAINED FUEL TANKS, GREASED PROPELLERS, REMOVED NICKS FROM PROPELLER BLADES, CHECKED AIR PRESSURE	IN PA HORN, R AND LE FLAT S.
Total To Carry Forward					411/70

Registration No. N 8535Y

Maintenance	and Remarks	Signature	Certificate No.
N-Installed Service Filled Brake CO BATTERY BATTERY CRAFT, RAKINGS, Fuel Propellers, Air Pressure	in Propeller Pumps, Adjusted Cabin Door, Adjusted Gear Warning Horn, Replaced Seals in Brake Wheel Cylinders, Installed New RIGHT AND LEFT BRAKE DISC, Installed New BRAKE LININGS, Replaced RIGHT FLAP BUSHINGS, Replaced CABIN DOOR SEAL. TACH. READING 734.2 Edgar R. Sprague A-PI803401	I certify that this aircraft has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition. 11-18-71 APPROVED BY <u>[Signature]</u> INSPECTOR FOR PIEDMONT AVIATION, INC. WINSTON-SALEM, N. C. APPROVED REPAIR STATION NO. 1340170	411/70 removed right prop for overhaul - installed downer prop AS 20081137046

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
6/26/72	Removed burner pump and installed rebuilt pump by Piedmont Aviation			
	R/31340	w/o 5980.	Checked tracks	
	air charge		H.S. Long A/P 1139616	
			I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR PART 91.170 HAVE BEEN PERFORMED. THE ALTIMETER HAS BEEN TESTED TO <u>20,000</u> FEET.	
			DATE <u>August 10, 1972</u> SIGNED <u>A. O. Barrabett</u>	
			PIEDMONT AVIATION, INC. WINSTON-SALEM, N. C. APPROVED REPAIR STATION	
Total To Carry Forward				

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Registration No. N 8535Y

Maintenance	and Remarks	Signature	Certificate No.
	<p>180 HR. INSPECTION - CHECKED BATTERY, CHECKED BRAKE FLUID, GREASED LANDING GEAR, CHECKED AIR IN PROPS, REPLACED BRAKE LININGS, GREASED WHEEL BEARINGS, REPLACED VACUUM FILTER, REPLACED BULB IN TAIL LIGHT, CHECKED GEAR WARNING HORN, CLEANED FUEL BOWLS, SERVICED NOSE STRUT, REPAIRED RT. BOTTOM NOSE COWL, TRIM STATIC WICKS, OVERHAULLED PROP S/N 136-3521 - INSTALL NEW BLADES S/N C.9297</p>		
	<p>S/N 9409 WHICH ARE NOT AFFECTED BY AD 70-16-3. TAGH READING 854.8 <i>Edgar Sprague</i> DIP 1803401</p>	<p>Certify that this aircraft has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition. 8-10-72 <i>H. O. Barnard</i></p>	<p>INSPECTOR FOR PIEDMONT AVIATION, INC WINSTON-SALEM, N. C.</p>

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
4/17/73	Brought Forward →			
Total To Carry Forward				

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17 A

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67

Registration No. _____

Maintenance

and Remarks

Signature

Certificate No.

READING AVIATION SERVICE INC.
QUEEN CITY AIRPORT
ALLENTOWN, PENNA.

REPAIR STATION NUMBER 1703

Roll Servo
INST. REMOVED Console S/N

Roll Servo
INST. INSTALLED Console S/N

DATE 17 April 72 TOTAL TIME

William G. Keith
AUTHORIZES SIGNATURE

17 April 73

320 A Service Bullite

Complied with

Reading Aviation Ser.

CRS 1703

William G. Keith

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			<p>READING AVIATION SERVICE INC. QUEEN CITY AIRPORT ALLENTOWN, PENNA. REPAIR STATION NUMBER 1703</p>
				<p>INST. REMOVED <u>10 395 AMP</u> SIN <u>4036</u> <u>1C515 Amplifier</u> <u>4504D</u></p>
				<p>INST. INSTALLED <u>Waco ELT</u> SIN <u>217A</u></p>
				<p>DATE <u>AUG. 28, 73</u> TOTAL TIME <u>1008</u></p>
				<p><u>Dennis J. Weir</u> AUTHORIZES SIGNATURE</p>
Total To Carry Forward				

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and Rem

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INST. REM

INST. INS

DATE

I certify t
 required
 The altim
 Date
 Status sys
 Signature
 Read
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Registration No. _____

Maintenance
 ICE INC.
 RT
 A.
 ER 1703
 S/N 4036
 ER 45040
 S/N 217A
 TIME 1008

READING AVIATION SERVICE INC.
 and Remark QUEEN CITY AIRPORT
ALLENTOWN, PENNA.
REPAIR STATION NUMBER 1703

Signature

Certificate No.

INST. REMOVED ALTIMETER S/N 68E1D358

INST. INSTALLED CAUTIONING ALTIMETER S/N 21520

DATE AUGUST 28 '13 TOTAL TIME 1008

Douglas S. Wainwright

AUTHORIZES SIGNATURE

I certify that the altimeter and static system tests required by FAR Part 91.170 have been performed.

The altimeter was tested to 20,000 feet

Date Aug 28 '13

Static system test Date Aug 28 '13

Signature Douglas S. Wainwright

Reading Aviation Service, Inc.

Repair Station #1703

1000	+15	12000	+50
0	0	14000	+10
500	-20	16000	+60
1000	+20	18000	+100
1500	5	20000	+15
2000	+5	25000	2
3000	+25	30000	
4000	+35	35000	
6000	+40	40000	
8000	+40	45000	
10000	+45	50000	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
				10/17/73
READING AVIATION SERVICE, INC. ABE AIRPORT ALLENTOWN, PA.				
I certify that this AIRCRAFT has been inspected in accordance with AN... inspection and determined to be in an airworthy condition.			CHECKED ALL CABLES, PULLEYS, & CONTROLS, JACKED AIRCRAFT, CYCLED GEAR. REPACKED ALL WHEEL BEARINGS, GREASED FITTINGS, REPLACED NOSE STRUT SEALS & HAD STOP WELDED ON RIGHT SIDE OF NOSE STRUT	
31 AUG. 73	2100g 2100.00	1008		
Date	Tach time	Total time		
<i>George L. Ferraro</i> theolized Signature		C. RS. 17915 Number		
Total To Carry Forward				

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
COLLEYS, CRAFT, CHECKED	10/17/74 Checked aircraft and certify this aircraft airworthy for solo flight for maintenance	HS Zade	
INCREASED STRT		AEP 1139576	
LOADED ON E STRUT			

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
	<p>10/23/74 Aircraft checked for annual inspection. All fixed + moveable control surfaces checked at attach + hinge points + lub where necessary. Aircraft jacked + retract test accomplished. Safety switch on gear checked. Replaced counter balance weight bolts in both ailerons installed stainless bolts in stabilator as per AD 74-13-03. Per AD 74-13-03 on inspection of hi shear pins in tail. Replaced top + bottom pins on right side with kit 760-835. Replaced cabin door holder. Cleaned battery vent + charged battery. Replaced EMT battery good until March 1976. Check rear of this log for AD list</p>	<p>READING AVIATION SERVICE INC. QUEEN CITY AIRPORT</p> <p>I certify that this <u>aircraft</u> has been inspected in accordance with A. <u>annual</u> inspection and was determined to be in Airworthy Condition.</p> <p>Date <u>10/23/74</u> T.T. Airframe <u>1082</u> T.T. Engine (S/L <u>1082</u>) (R <u>1073</u>) Pertinent details on file under W.O. <u>9025</u></p> <p><u>Allen D. Hayden</u> AUTHORIZED SIGNATURE</p>	<p>1703 CERT. REPAIR STATION</p>

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
10-30-74	Brought Forward →	1086.43	—	Replaced R/C indicator with 105/ indicator.
				P.D. Lubjill 4/1501436
10-30-74	—————			I certify that the static system checks required by part 91.170 have been performed and found to be within limits. P.P. [Signature] 4/1401436
Total To Carry Forward				

TEST CARD

SCALE ERROR		HYSTERESIS		CASE LEAK	
1000	10	ALTIMETER	UP READING	DOWN READING	NO.
500	15	8K	750	470	210 21 1975
1000	0	1DK	160	90	S/N
1500	30	AFTER EFFECT		0	INC.
2000	20	BARO. SCALE ERROR			
3000	20	28.10	1740	TOLERANCE	
4000	25	28.50	1360	40	TRANSPONDER OUTPUT
5000	30	29.00	865	60	
6000	40	29.50	400	40	
8000	50	29.92	10	50	
10000	60	30.50	515	20	
12000	70	30.90	890	50	
14000	80	30.99	980	40	
16000	90	ALTIMETER SERIAL NO.		50	
18000	100	23997		20	
20000	110	DATE TESTED		50	
22000	120	11-21-75		40	
25000	130	MECHANIC		50	
30000	140	JUN		30	
35000	150	INSPECTOR		50	
40000	160			20	
45000	170			30	
50000	180			60	

6,800	UP	6720
	DN	6850
14,800	UP	14770
	DN	14830
30,800	UP	30800
	DN	30800

Tolerance at (3) check points not to exceed ± 125 ft.
 Tolerance at (7) check points not to exceed ± 87 ft.

WAT 1- Has not been modified

INSPECTOR *[Signature]*

Job 14722

Date	Aircraft Time		Recorder Reading	Maintenance	and Remarks
	This Date	Total			
11-21-75	Brought Forward →		1140.4	100 HR. INSPECTIONS - SERVICED BATTERY & BRAKE RESERVOIR, GREASED HANDLING GEAR, & WHEEL BEARINGS, CLEANED FUEL BOWLS, REPAIRED BRAKES, INSPECTED STABILIZER TORQUE TUBE PER 513464, INSTALL WARNING PARACARD	PER 51 AD 75
Total To Carry Forward					

LIBRARY TO
 QUORUM BY
 TIMETER
 DATE
 SIGNATURE


Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
1000- BY E 3 GEAR, 3	PER 5/13 456A, INSPECTED AFT. BOWHEAD ASSY PER AD 74-16-08, TAEN READING 1140.4	I certify that this aircraft has been inspect ed in accordance with a <u>Partial</u> inspection and was determined to be in airworthy condition. 11-21-75	
10015, 25, ATOR	I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS RE- QUIRED BY FAR PART 91.170 HAVE BEEN PERFORMED. THE AL- TIMETER HAS BEEN TESTED TO <u>20,000</u> FEET. DATE <u>NOVEMBER 21, 1975</u> SIGNED <u>R. O. Bernhardt</u>	APPROVED BY <u>R. O. Bernhardt</u> INSPECTOR FOR PIEDMONT AVIATION, INC WINSTON-SALEM, N. C. APPROVED REPAIR STATION NO. 100	
R D	PIEDMONT AVIATION, INC. WINSTON-SALEM, N. C. APPROVED REPAIR STATION		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance	and Remarks
	This Date	Total			
12-2-76	Brought Forward →	1206.9	1206.9	100 HR. INSPECTION - SERVICED BATTERY, CHECKED BRAKE LININGS, SERVICED PROP DOME, GREASED PROP, LUBRICATED AIRCRAFT, CLEANED & REPAIRED WHEEL BEARINGS, SERVICED BRAKE RESERVOIR, INSPECTED FUEL FLOW ATTACHMENT PER AD NOTE 76-18-05, INSPECTED	AFT BOW BOWLS, C LANDING S/L 782, 1206.9 Edgar A/P
Total To Carry Forward					

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
100- RY, HINDING, COME, BRICATED ED & BEARINGS, RESERVOIR, FLD AD SPECTED	AFT Bulkhead Assy per AD. 74-16-08, CLEANED FUEL BOWLS, CHECKED HEATER MOTOR BRUSHES, INSPECTED LANDING GEAR & INSTALLED KIT # 761-082 PER PIPER S/L 782, REPLACED ELT BATTERY TACH READING 1206.9 Edgar Spruill A/P 1803401	I certify that this aircraft has been inspect ed in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition. 12-2-76 APPROVED BY:  INSPECTOR FOR PIEDMONT AVIATION, INC. WINSTON-SALEM, N. C. APPROVED REPAIR STATION NO. 1340 LTD	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
10-5-77	Brought Forward →		1286.9	Left Tech
				Replace 3 FAN
				motor and AS
				Replace BRKE
				lining,
				check Battery
				RUN gear
				Edgar R. Sprau
				R/P 1803401
Total To Carry Forward				

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
h	100 HR. INSPECTION- LUBRICATED AIRCRAFT; CHECKED OILS; FLOWID;		
FNR	CLEANED FUEL BOWLS; SERVICED BATTERY; INSPECTED FWD FWD		
D AS	ATTACHMENT PER AD 76-18-05 PARTED; INSPECTED REAR		
RWE	BULKHEAD PER PER AD 74-16-08; REPLACED ELT BATTERY		
TLY	(NEW BATTERY DUE DATE 4-79); LUBRICATED PROPS; CHECKED		
	BRAKE LINKS; INSTALLED NEW BULGE CORDS PER AD 77-13-24;		
nause	INSPECTED TORQUE TO BE BEARING FITTING PER AD 75-27-08;		
01	INSTALLED NEW AIRSPEED. TACH READING 1305.5		
	I certify that this aircraft has been inspected ed in accordance with a <u>Annual</u> inspection and was determined to be in satisfactory condition. <u>1-17-78</u>	APPROVED BY <u>R. O. Barnhardt</u> INSPECTOR FOR PIEDMONT AVIATION, INC. WINSTON-SALEM, N. C.	
		APPROVED REPAIR STATION NO. 1340 LTD	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Brought Forward →				
				I CERTIFY THAT ALTERNATE AND STATIC SYSTEM TESTS REQUIRED BY FAR PART 91.170 HAVE BEEN PERFORMED. STATIC SYSTEM TEST DATE <u>JAN. 16, 1978</u> ALTITUDE TESTED TO <u>20,000</u> FEET. LH 27N <u>23737</u> DATE <u>JAN 16, 1978</u> RH 27N _____ DATE _____ <div style="text-align: center; border: 1px solid black; padding: 5px;"> <u>A. O. Barkhardt</u> <small>FLIGHT SERVICE DIVISION, INC. WASHINGTON, D. C. APPROVED REPAIR STATION NO. 1340</small> </div>
Total To Carry Forward				

and Remarks

The ATO transponder 91.177 were performed
 FAR 43, Appendix F.

ATO Transponder

No. 1 Name Bob

No. 2 Name _____

Details of W/O _____
 under W/O # _____
 Date BJ 21/78

6/23/78 RE
Stop; RE
fuel lock

Registration No. _____

Maintenance and Remarks	Signature	Certificate No.
<p>The ATC transponder tests and inspections required by FAR 91.177 were performed this date and found to comply with FAR 43, Appendix F.</p>		
<p>ATC Transponder</p>		
<p>No. 1 Name <u>None</u> Model <u>ATL S/N 19200</u></p>		
<p>No. 2 Name <u>None</u> Model <u>None</u> S/N <u>None</u></p>		
<p>Details of this inspection are on file at this repair station</p>		
<p>under W/O # <u>13186</u></p>		
<p>Date <u>8/23/78</u> Signature <u>[Signature]</u></p>		
<p><u>CRS1295</u></p>		
<p><u>8/23/78 REMOVED NOSE STRUT + WELD REPAIR THE STOP; RE-PLACED BOTH MAIN TIRES + TUBES; HALL TACH 1301 RYD 1357</u> <u>Carol Lerner CRP 1295</u></p>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance	and Remarks
	This Date	Total			
2-14-78	Brought Forward →				100 HR 125P
	TACH (LEFT)	1369 ²⁰	(RIGHT)	1358 ⁹²	DOOR SEALS;
	REMOVED BOTH PROPELLERS OVERTHAUL'D				LANDING GE
	* COMPLIED WITH HARTZELL BULLETINS				REPLACED
	THROUGH 118B & AD 77-12-06, REPLACED				125P FWD
	WORN PARTS, REFINISHED BLADDS				SPAR PER
	REASSEMBLED, LUBRICATED, TRACKED BALANCED				TACH REAR
	INSTALLED 2 CRANKS HART SEALS WORK ORDERS				
	90566 & 9567 SENSBACH CORP, LANCASTER PA				
	Mark B. Hall PROPELLER REPAIR STATION				
Total To Carry Forward		# 3528			

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
92	100 HR Insp. SERVICED BATTERY & BRAKE FLUID; REPAIRED CABIN		
AVIATION	DOOR SEAL; CLEANED FUEL BOWLS; PACKED WHEEL BUSHINGS; GREASED		
LINES	LANDING GEAR; REPLACED BOTH BRAKE DISC; RELINED BRAKES;		
REPLACED	REPLACED ELT BATTERY; Insp. REAR BULKHEAD PER AD 74-16-06;		
ES	Insp. FWD FUEL ATTACH PER AD 76-18-05; Insp. BULKHEAD		
BALANCED	SPAR PER AD 77-08-01; REPLACED NOSE TUBE & TUBE.		
K ORDERS TRANSFER @ Station	TACH READING 1399.5	<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>1-18-79 APPROVED BY <i>H. C. [Signature]</i> INSPECTOR FOR PIEDMONT AVIATION WINSTON-SALEM, N. C. APPROVED REPAIR STATION NO. 1340 LTD</p>	

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
	I certify that the altimeter and static system tests	1000 <u>20</u>	12000 <u>0</u>
	required by FAR Part 91.170 have been performed.	0 <u>-5</u>	14000 <u>15</u>
	The altimeter was tested to <u>20,000</u> feet	500 <u>5</u>	16000 <u>10</u>
	Date <u>30 Jan 79</u>	1000 <u>0</u>	18000 <u>20</u>
	Static system test Date <u>30 Jan 79</u>	1500 <u>15</u>	20000 <u>-25</u>
	Signature <u>William Kalz</u>	2000 <u>15</u>	X
	Reading Aviation Service, Inc.	3000 <u>25</u>	
	Repair Station #1795	4000 <u>30</u>	
		6000 <u>35</u>	
		8000 <u>25</u>	
		10000 <u>20</u>	40000
			45000
			50000

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1-24-80	Brought Forward →	1499.89	L. T. 1499.89	100 hr Inspection - Checked Lights; Serviced Battery; Checked Hyd Fluid; Replaced ALL BRAKE LININGS & BOTH DISC; SERVICED TIRES; CLEANED & REPACKED WHEEL BEARINGS; LUBRICATED LANDING GEAR; RAN GEAR RETRACTION CHECK; CLEANED FUEL BOWLS; REPLACED ELT BATTERY (DUE DEC-80)
Total To Carry Forward				

and Remarks

Lubricated A
in Right B
Cowl Flaps & C
Bulkhead I
SPAR INSP; C
Insp; C/WAL
WEIGHT INSP

I certify t
ed in acc
inspection
airworthy

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
Checked	Lubricated AIR FRAME; Replaced SEALS		
BATTERY;	IN RIGHT BRAKE Cyl; Lubricated		
REPLACED	COWL FLAPS & Cable; CIWAD 74-16-8 AFT		
Both	Bulkhead Insp; CIWAD 77-8-4 AILERON		
,	SPAC Insp; CIWAD 79-12-8 FUEL VALVE		
Wheel	Insp; CIWAD 79-20-10 AILERON Balance		
ted	weight Insp. Check Heater Blower Brushes.		
GEAR	I certify that this aircraft has been inspected	<p>APPROVED BY <i>Norman Jones</i> INSPECTOR FOR PIEDMONT AVIATION, INC. WINSTON-SALEM, N. C. APPROVED REPAIR STATION NO. 1340 LTD</p>	
CLEANED	ed in accordance with a <u>Annual</u>		
ED FLT	inspection and was determined to be in airworthy condition. 1-24-80		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			<p>The ATO transponder tests and inspections required by FAR 91.177 were performed this date and found to comply with FAR 43, Appendix P.</p> <p>ATO Transponder</p> <p>No. 1 Name <u>Thaco</u> Model <u>VAT-1</u> S/N <u>19A00</u></p> <p>No. 2 Name _____ Model _____ S/N _____</p> <p>Details of this inspection are on file at this repair station under N/R # <u>16278</u></p> <p>Date <u>2/6/80</u> Signature <u>W. Weedy</u> CRB7962</p>
Total To Carry Forward				

and Remarks

100 HR (ARM)

BEARING

LUBRICATE

CLEANED R

ELT BATTER

FILTER;

INSTALLED

AD 77-8-1

INSPECTED

MILEROO B

OVERHAUL

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
Control by FAR comply with	<p>100 HR (ANNUAL) INSPECTIONS - CLEANED & PACKED WHEEL BEARINGS; CHECKED BRAKES & SERVICED RESERVOIR; LUBRICATED HANDLING GEAR; FLAP RETRACTION TEST; CLEANED FUEL SCREENS; SERVICED BATTERY; REPLACED ELT BATTERY (DUE DATE 4-92); REPLACED VACUUM REGULATOR FILTER; INSPECTED AFT BULKHEAD PER AD 74-16-8; INSTALLED KIT # 760-914 ON AIRERON OUTB. HINGE PER AD 77-8-1; REPLACED BUMPER CORDS PER AD 77-13-21; INSPECTED FUEL SELECTORS PER AD 79-12-8; INSTALLED AIRERON BALANCE WT. KIT # 763-993 PER AD 79-2040; OVERHAULED HEATER PER AD 80-09-10; LUBRICATED</p>		<p>OVER</p>

1970

repair station

Handwritten signature and a rectangular stamp with illegible text.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
<p><i>COART</i></p> <p>Brought Forward →</p>	<p><i>AIRCRAFT; INSTALLED ZERO TIME HOURMETER ON HENTON. HOURMETER READING 1588.9.</i></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. <i>1-22-81</i></p>	<p><i>1-24-81</i></p>
<p>I CERTIFY THAT ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR PART 91.170 HAVE BEEN PERFORMED.</p>	<p>STATIC SYSTEM TEST DATE <u>1-20-81</u></p> <p>ALTIMETERS TESTED TO <u>20,000</u> FEET</p> <p>LH S/N <u>Coll 2831</u> DATE <u>1-20-81</u></p> <p>RH S/N _____ DATE _____</p>		<p>APPROVED BY</p> <p><u><i>R. O. Rowland</i></u></p> <p>INSPECTOR FOR</p> <p>PIEDMONT AVIATION, INC.</p> <p>WINSTON-SALEM, N. C.</p> <p>APPROVED REPAIR STATION NO. 1340 LTD</p>	
	<p><u><i>R. O. Rowland</i></u></p> <p>PIEDMONT AVIATION, INC.</p> <p>WINSTON-SALEM, N. C.</p> <p>APPROVED REPAIR STATION NO. 1340</p>			
<p>Total To Carry Forward</p>				

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
<i>Time</i>	1-24-91 REPLACED FGT GAGE SIN 128865-		
pect:			
L e in			
BY <i>[Signature]</i>			
FOR ION, INC. N. C.			
NO. 1340 LTD			

APPROVED BY

Norman Jansen

INSPECTOR FOR

PIEDMONT AVIATION, INC.

WINSTON-SALEM, N. C.

APPROVED REPAIR STATION NO. 1340 LTD

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance	and Remarks
	This Date	Total			
	Brought Forward →	1691.7	(LOTT TACT)		
2 FEB 82	100HR INSPECTION DONE IN/ANW PIPER PA30				
	INSPECTION SHEET. LUBED CONTROLS, PUT NEW BRAKE				
	DISKS & LININGS ON MAIN WHEELS, GROOVED BEARINGS IN				
	MLG & NLG WHEELS. RETRACTED GEAR, AIRPLANE CONSIDERED				
	AIRWORTHY THIS DATE Gen G. Olin APP/882732				
	ELT DUE APR 82				
	c/w AD 74/16/08 AFT BUCKINGHAM				
	Gen G. Olin APP/882732				
Total To Carry Forward					

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
PA 30			
BRAKE			
WES IN			
WISDOMS			
732			
01862732			
	I certify that I have inspected this <u>ARFT</u> in accordance with an annual inspection and found it to be in airworthy condition.		
	TACH <u>1691.7</u> TOTAL TIME <u>1691.7</u>		
	DATE <u>FEB 21, 1992</u> <u>K. S. Walker</u> <u>H2847446704IA</u>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
		I certify that I have inspected this <u>AIRCRAFT</u> in accordance with an annual inspection and found it to be in airworthy condition.		
		TACH <u>1761.32</u> TOTAL TIME <u>1761.32</u>		
		DATE <u>3-1-83</u>		
		c/w AD 82-7-3 CONDUCTED 100HR INS.		
		FAW JANITROC SER MAIN 24K25-1 FOUND TO BE WITHIN LIMITS. c/w AD 74-16-08.		
		By INS. ART BUCKHEAD c/w AD 76-18-5. Q10		
		By INSA. FIX ATTACH. CHANNEL.		
		M. S. Wall REP 446704 IA.		
Total To Carry Forward				

and Remarks

23 Marc

Registration No. _____

and Remarks	Signature	Certificate No.
23 March 1983	Removed Narco UDI-4 DME. Installed Narco DME-890. See FAA 337 this date for details	
New A/c Empty Wt.	2460.1	lbs
New A/c E.W.C.G.	83.22	in.
New A/c Useful Load	1139.9	lbs.
<i>Michael H. Starnes</i>		
CITATION AVIONICS, INC. FAA CRS 121-36 BOX 433 COLLEGE PARK AIRPORT COLLEGE PARK, MD. 20740 (301) 927-0505		

and Remarks

ificate No.

2-9-83
The Autom
ponder Sys
Data corres
Appendix I
Correspo
162-
Altimete
162-
Static t

Capital Aviation Instrument Corp. Repair Station No. 162-10
Bx. 542, Manassas Municipal Airport, Manassas, Va. 22110, (703) 369-0500

Model 101420-01205 Ser. No. C112831

Type ALTIMETER / Evaporative Mfg. Aerosemic

Customer R. H. Boldinger

Address Charlottesville, VA

Overhauled Checked Calib. Checked Within Mfg's Specs.

Repair TSO Supplied by Customer

Other P43

Signed Palecek Date 2/9/83

SERVICEABLE

Manassas Municipal Airport

The altimeter and static system test required by FAR Part 91.170 has been performed. The altimeter (s) have been tested to 20000

ft. by repair station # 162-10 under

WO# 0209-7 on 2-9-83 (date).

Date of next test 2-9-83

Signed: Palecek

ARTIFICIAL HORIZON

Manufacturer W.H. Hill

Model No. _____

Sr. No. 1753A

STARTING TEST:

OK ✓ REJ. _____

ROLL INDICATOR:

OK ✓ REJ. _____

HORIZON BAR:

OK ✓ REJ. _____

Date 4-11-68

521 101

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
7-19-83	Brought Forward →	1781.74 1768.94		
		INSTALL SERVICE Props in BG 3237 + BG-1038 For SENSENICH CORP. PROPELLER REPAIR STA #3528 LANCASTER PA. 17604 203325994 Wallace B. Walter		
Total To Carry Forward				

and Remarks
9-8-83
REINSTALL
BG 3521
Corp. P
17604
1/26/84
4 m
20
New
"
-1

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
	1801.65 1788.79		
	9-8-83		
	REINSTALL PROPELLERS MODEL HG-EZVL-2BS ^S IN BG 3519		
	BG-3521 WORK ORDER # 52529 & 52530 FOR SENSENICH		
	CORP. PROPELLER REPAIR STA # 3528 LANCASTER, PA.		
	17604 203325994 Wallace B. Watts		
	1/26/84 - Removed a Narco MK12A/VOA4 New-Com		
	& installed a Narco COM810, NAV121 and a RNAV		
	20 Loran system. See 337 & WTB this date.		
	New EW - 2455.45		
	" CG - 83.05		
	" UL - 1144.55		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
FEB 4, 1984 17.	REPLACED MAIN LANDING GEAR BUNGERS			
	IAW AD 77-13-21 K.S. Welch A&P 47446704IA			
23 March 1984	Serviced Battery - lubed Airframe tightened left aileron weight bolts - lubed wheel bearings - lubed by gear. checked all flight controls for travel and freedom of movement - CW spar seal AD by removal of seal AD 33-19-53 - CW AD 76-18-05 - Jaw fin spar. - Installed Field aircr- essures Inflatable door seal under			
Total To Carry Forward				

and Remarks

STW 51

3-31-84 60

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
3-18-85	Brought Forward →	1949.41 HOURS		
		1963.08 HOURS		C/W AD 85-02-05 WITH PROCLAD, C/W
				AD 74-16-08 BY INSPECTION, C/W AD 79-12-08 BY INSPECTION, C/W AD 77-
				13-21R BY INSPECTION, C/W AD 83-10-21 BY INSPECTION, C/W AD 84-26-02
				BY REPLACING FILTERS, C/W AD 78-07-07A3 BY INSPECTION, C/W AD 82-07-03C
				BY DECAY TEST, REMARKED YOW LIMITS, REMOVED RIGHT AUX FUEL CAP,
				RESEALED BOTH AFT CABIN WINDOWS, REPLACED ALL INSTRUMENT FILTERS
				LUBED FLIGHT CONTROLS, CLEANED FUEL SCREENS, CHECKED CABLE
				TENSIONS, GEAR RETRACTION DONE AND CHECKED OK, LUBED GEAR,
				CLEANED AND REPACKED WHEEL BEARINGS, CHECKED ELECTRICAL SYSTEM
				SERVICED BRAKE SYSTEM, SERVICED BATTERY, REPLACED MISSING
Total To Carry Forward		REMARKS ON AVIONICS BOX COVER FASTENERS CONT.		

and Rem

LEAVE

10-14-85

11-27-

COO

Registration No. _____

Parker
General Aviation

Airborne

Filter Change Reminder

Air Filter

Changed at:

^{LEFT TACK}
1963.08 Hrs.

Next Change

2463.08 Hrs.

Date 3-18-85

and Remarks

Sig

RELEASED HINK IN RIGHT TACK CABLE

I CERTIFY THAT THIS AIRCRAFT WAS BEEN

INSPECTED IN ACCORDANCE WITH AN ANNUAL

INSPECTION, AND WAS DETERMINED TO BE IN AIRWORTHY

CONDITION. TOTAL TIME 1963.08 HRS

Kim A. Barnett IA 231661372

10-14-85 TACK 2017.71 HAS LEFT TACK RECEIVED BOTH BRAKES

Kim A. Barnett APP 231661372

11-27-85 TACK 2024.92 INSTALLED NEW BATTERY

contractor switch - James T Tender AP 200379

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance	and Remarks
	This Date	Total			
4-1-86	Brought Forward →	2058.1	TACH	C/W AD 74-16-08, C/W AD 77-13-24,	5-1-87 TACH
				C/W AD 79-12-08, C/W AD 83-10-01, C/W 73-07-04A, C/W AD 78-09-07A3	C/W A
				SEE LISTING FOR DETAILS, REPLACED GEAR BUNGEE'S, LUBED AND REPAIRED	SYSTEM
				LANDING GEAR, CLEANED AND REPACKED WHEEL BEARINGS, CHECKED	BRAKE
				ELECTRICAL SYSTEM, SERVICED BATTERY, SERVICED BRAKE RESERVOIR	PERFORM
				REPLACED BOTH VACUUM RELIEF FILTERS, LUBED FLIGHT CONTROLS, CLEANED	
				FUEL SCREENS, REPLACED NEW RIGHT TACH TURNED UP TO 2044.07HRS	
				TO MATCH TACH REMOVED BY CAPITAL AVIATION	
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN	
				INSPECTED IN ACCORDANCE WITH AN ANNUAL	
				INSPECTION, AND WAS DETERMINED TO BE IN AIRWORTHY	
Total To Carry Forward		2058.1	CONDITION.	TOTAL TIME 2058.1 HRS	
		Rino D. Banette		1A231661372	

Capital Aviation Instrument Corp.

Repair Station No. 162-10

Bx. 542, Manassas Municipal Airport, Manassas, Va. 22110, (703) 369-0500

Model RT-7 Ser. No. 551A20F2Type TACH IND (M) Mfg. SWCustomer ROBERT BLOODINGERAddress CHO Overhauled Checked Calib. Checked Within Mfg's Specs. Repair TSO Supplied by CustomerOther NEW STOCKSigned R. L. Loh Date 3-26-80

SERVICEABLE

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
AD 77-13-21A	5-1-87 TACH TIME 2170.74 HRS (LEFT) C/W AD 74-16-05, C/W AD 77-13-21A,		
78-09-07A3	C/W AD 79-12-06, C/W AD 82-07-03C, SERVICED BATTERY, CHECKED ELECTRICAL		
AND RETARDER	SYSTEM, CHECKED AND LUBED FLIGHT CONTROLS, CLEANED FUEL SCREEN, SERVICED		
CHECKED	BRAKE RESUITS, CLEANED AND REPACKED WHEEL BEARINGS, LUBED LANDING GEAR,		
E RESUITS	PERFORMED GEAR RETENTION, REPLACED VACUUM RELIEF FILTERS,		
S, CLEANED	I CERTIFY THAT THIS AIRCRAFT <u>WAS BEEN</u>		
O 2044.1740	INSPECTED IN ACCORDANCE WITH AN <u>ANNUAL</u>		
	INSPECTION, AND WAS DETERMINED TO BE IN AIRWORTHY		
ORTHY	CONDITION. TOTAL TIME <u>2170.74 HRS</u>		
	<u>Kim Q. Barnette 1A231661372</u>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance	and Remarks
	This Date	Total			
7-22-87	Brought Forward →	2186:00		The ATC transponder tests & inspections required by FAR 91.171 & 91.172 were performed this date and found to comply with FAR 43, Appendix E & F.	2-6-87
	Track C/W Altimeter			Transponder Model <u>MAT-1</u> S/N <u>PA00</u>	100
	Static Check per FAR 91.171	Checked	Signed <u>R.C. Ryan</u> Date <u>7/22/87</u>	CRS 1269	MA
	To 20,000 FT for pertinent details				
	See W.O. 2572 and Calibration Sheet in			I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR PART 91.171 HAVE BEEN PERFORMED. TO THE ALTIMETER WAS TESTED TO 20,000 FT. ON <u>7-22-87</u> STATIC SYSTEM TEST <u>7-22-87</u>	2-4-89
	REAR of this LOG.			SIGNED <u>[Signature]</u> FOR HENSON AVIATION INC. REPAIR STATION 1269	
Total To Carry Forward					

Make Weber
 Model _____
 Unit Name Boost pump
 Part # A8100-CC
 Serial # 8610

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

No. 25915
 Reconditioned Bob Weber
 By _____
 Inspected Robert Arndt
 By _____
 License No. AP 200 1550
 Date 1/22/89

WECO Aircraft
 Phone (316) 233-7929
 Route 4 • Box 13A
 NEWTON, KANSAS 67114

Registration No. _____

Maintenance
 actions required by
 ed this date and
 index E & F.
 N 9800
 CRS 1269
 12-15
 TIMETER AND
 RED BY FAR
 FORMED. TO
 TO 20000
 TEST 22217
 1/11 FOR
 STATION 1268

and Remarks	Signature	Certificate No.
12-6-87 LEFT TACH 2234.82 HAS REPLACED O-RINGS IN BOTH BRAKE WHEEL CYLINDERS AND BLEED SYSTEM, REPLACED BOTH BRAKE DISC, BELINED BOTH BRAKES, REPLACED LEFT MAIN TIRE AND TUBE, REPLACED ROSE TIRE	Alvin A. Barnett	AEP 231661972
2-4-89 LT Tach Time 2317.1 HRS. Installed left fuel boost pump overhauled by Webco Aircraft PT # AS100-CC Ser # 8610. Alvin A. Barnett	Alvin A. Barnett	AEP 225666638

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance	and Remarks
	This Date	Total			
5-6-88	Brought Forward →	LEFT TACH	2267.29 HRS	C/W AD 74-16-05 BY INSPECTOR	6-178
				C/W AD 77-13-21 R BY 100 HRS INSPECTION	
				C/W AD 79-12-06 BY INSPECTION	
				C/W AD 84-26-02 BY REPLACEMENT OF FILTERS, REPAIRED RIGHT	
				FIREWALL, REMOVED EGT FOR REPAIRS, REPLACED VACUUM	
				RELIEF FILTERS, SERVICED BATTERY, CHECKED ELECTRICAL SYSTEM,	
				SERVICED BRAKE RESERVOIR, CLEANED AND REPACKED WHEEL ASSEMBLY,	
				LUBED LANDING GEAR, PERFORMED RETRACTION TEST, CHECKED AND	
				LUBED FLIGHT CONTROLS, REPLACED VACUUM SYSTEM FILTER	
				I CERTIFY THAT THIS AIRCRAFT HAS BEEN	
				INSPECTED IN ACCORDANCE WITH AN ANNUAL	
				INSPECTION, AND WAS DETERMINED TO BE IN AIRWORTHY	
Total To Carry Forward			TOTAL TIME <u>2267.29 HRS.</u>		

Kim A. Bennett 1A231661372

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
BY INSPECTION	6-17-89 LT Tech 2346.43 Hrs.		
BY INSPECTION,	C/W AD 74-16-05 by insp. C/W AD		
RIGHT	77-13-210R by insp. C/W AD 79-12-08		
ACCUM	by insp. C/W AD 83-10-01 by insp. C/W		
ICAL SYSTEM,	AD 82-07-03C by insp. Checked and lubed		
CHECK BEARING,	controls. Repacked wheel bearings. Performed		
CHECKED AND	retraction test on landing gear. Replaced		
FILTER	vac. relief filters. Serviced battery.		
	Serviced brakes. Checked electrical		
	system. Removed props for compliance		
	with AD 77-12-06 By H & H		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance	and Remarks
	This Date	Total			
	Brought Forward →	<i>Propeller Service and reinstalled.</i>			<i>7-7-90</i>
		I CERTIFY THAT THIS <i>Aircraft</i> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <i>Annual</i> INSPECTION, AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TOTAL TIME <i>2346.43 HRS</i>			
		<i>Earl Barnett DA 225666638</i>			
Total To Carry Forward					

This Fuel cell Helicopter Float Life raft Life vest
 was Repaired Reconditioned and inspected in accordance
 with current regulations of the Federal Aviation Administration
 and is approved for return to service.

Date of Inspection 6-27-90 Work Order No. 31602
 F.A.A. Approved
 Repair Station No. 763-206
 Signature Charles E. Winter for

PIN 454-332 Aviation Materials
 S/N F-681 INC.

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
reinstalled.	7-7-90 Left Tack 241513 Hrs. C/W AD 74-16-08 by insp. C/W AD 77-13-21R installed bearings and insp. C/W AD 79-12-08 by insp. C/W AD 83-10-01 by insp. Replaced main instrument Air Filters. Replaced vac relief filters. Replaced brake line to right wheel cylinder. Replaced both engine filters. Removed LT outboard fuel cell for repair and reinstalled		
666638			
	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION, AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TOTAL TIME <u>241513</u>		
	<u>Shelburne IA 22566638</u>		

F. A. A. APPROVED REPAIR STATION NO. 763-206

SERVICEABLE PART TAG

4278 SWINNEA ROAD P.O. BOX 30038 AMF
MEMPHIS INTERNATIONAL AIRPORT
MEMPHIS, TENNESSEE 38130
PHONE (901) 362-6734

Aviation Materials
INC.



CUSTOMER

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
7/17/90	2416.0	LT TACH - C/W altimeter static check with encoder to 20,000 P _{st} FAR 91.411 W/O # 3784		
<p>The ATC transponder tests & inspections required by FAR 91.411 & 91.413 were performed this date and found to comply with Appendix F & E (2) (c).</p> <p>Transponder Model <u>Garmin UAT-1</u></p> <p>Signed <u>J. F. [Signature]</u></p> <p>Date <u>7/17/90</u> CRS HVAR001A</p>				<p>I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR PART 91.411 HAVE BEEN PERFORMED.</p> <p>THE ALTIMETER WAS TESTED TO 20,000 FT. ON 7/17/90 STATIC SYSTEM TEST 7/17/90</p> <p>SIGNED <u>[Signature]</u> FOR HENSON AVIATION INC. REPAIR STATION 120 HVAR001A</p>
Total To Carry Forward				

and Rem

9-28-90

HO

SE

1-31

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
Inter check W/O # 3784	9-28-90-2439.8 TACH. REPLACED Inter Nose Strut Housing with Stops - FOR PERTINENT DETAILS SEE W.O. 3852 - RETRACTION TEST COMPLETE.	HENSON AVIATION INC. HAGERSTOWN MD.	[Signature] HNAR 001A

METER AND
 RECORDED BY FAR
 MED.
 20,000
 TEST 7/17/90
 FOR
 AVIATION
 HNAR 001A

1-31-91 Tach Time 2452.46 Hrs. Removed both
 engines for overhaul by Piedmont
 Aviation. S. C. Bennett AP 22566638

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
2-25-91	Brought Forward →	Tach Time 2452.46 Hrs.		Reinstalled
				both engines and returned to service this date. For details see engine log books.
				Installed new ELT battery, next due March of 1993. R. L. Baird to # 225666638
6-28-91		Tach Time 2466.24 Hrs.		c/w AD 82-07-03C
				c/w AD 77-16-08 c/w AD 77-13-21 c/w
				AD 79-12-08 c/w AD P310-01 Sifted left
				ET silicon Turnbuckle. Serviced brake res.
Total To Carry Forward		Retired both brakes. Cleaned and		

and Remarks

packs
and
filters

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
Installed This Ksi	packed wheel bearings. Retracted gear. Checked and wheel flight controls. Replaced VAC relief filters		
doe 666638	I CERTIFY THAT THIS <u>Aircraft</u> HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>Annual</u> INSPECTION, AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. TOTAL TIME <u>2466.24</u> Hrs		
030 W LEFT RES. and		R. C. Barnett IA 22566638	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance	and Remarks
	This Date	Total			
8-10-92	Brought Forward →	2502.28	Hours.	Checked	10-9-92
				and lubed controls. Cleaned and packed wheel bearings. Serviced battery. Serviced brakes. Retracted gear. Changed vsc relief.	
				8:1 trans. C/W AD 74-16-08 by insp. C/W	9-15-93
				AD 77-13-21 by insp. C/W AD 79-12-08 by leak check. C/W AD 83-10-01 by installing	
				5. Stopless fuel tank and insp.	
	<p>NOTE THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ADVERTISED DEFECTION, AND WAS DETERMINED TO BE IN AIRWORTHINESS.</p>				
	Total To Carry Forward	TOTAL TIME <u>2502.28</u> Hours		By C. Baunth	EA22566638

Registration No. _____

Maintenance	and Remarks	Signature	Certificate No.
ked l vised relief	10-9-92 Right Tach 2492.74 Hrs. Installed VAC pump overhauled by Aero Accessories on right engine. Bill Damm to AXP 22566638		
w 08 installing B 8	9-15-93 Tach Time 2536.26 Hrs. checked and wheel controls. cleaned and packed wheel bearings. Serviced batteries. Serviced battery Replaced VAC relief filters Replaced all cowl nose bowl hinges and pins. Cleaned fuel bowls and screens. C/W AD 82-07-03C by		

NOTES

pressure decay Test C/W AD 77-16-08
by insp C/W AD 77-13-21 by bungee
replacement C/W AD 79-12-08 by insp.
C/W AD 83-10-01 by insp. To certify this
aircraft has been inspected IAW an
annual inspection, found airworthy,
and returned to service. T.T. 2536. 26 Dec
R. C. Hamble LA 22566638

SERVICE CLASS:

- REGULAR
 ELECTRONIC
 INTERDEPT.
 IN DATE

1 / 1 X

I hereby authorize the following repair work to be done along with the necessary material, and hereby grant you and/or your employees permission to operate and fly the aircraft herein described for the purpose of testing and/or inspection. An express mechanic's lien is hereby acknowledged on above aircraft to secure the amount of repairs thereto. You will not be held responsible for loss or damage to the aircraft or articles left in aircraft in case of fire, theft, or any other cause beyond your control.

CUST. ORDER NO. _____
 TERMS
 CASH
 CHARGE
 OR'D BY _____

ORANGE COUNTY AERO, INC.
 Rt. 3, Box 84
 Orange, Virginia 22960
 (703) 672-5159

CUST ACCT NO
A-
 DATE 8/10/92

OPER NO.	DESCRIPTION	LABOR CHARGE
	CHANGE OIL <input type="checkbox"/>	
	CHANGE OIL FILTER CART. <input type="checkbox"/>	
INSPECTIONS:		
	100 HOUR <input type="checkbox"/>	
	PROG. <input type="checkbox"/>	
	ANNUAL <input checked="" type="checkbox"/>	
	WASH <input type="checkbox"/>	
	POLISH <input type="checkbox"/>	

MATERIAL USED			
QUAN	PART NUMBER AND DESCRIPTION	PRICE EACH	TOTAL AMOUNT
2	CH48110 Filter	1474	2948
2	AN 900-16 Gasket	199	398
2	B3-B-1 Filter	250	500
2	Fuel Nozzle	3500	7000
16	M674 Gasket	25	400

NAME _____
 ADDRESS _____
 CITY/STATE _____ ZIP _____
 MAKE & MODEL: PA30 SERIAL NO _____ TOTAL HOURS 2502.28
 REGISTRATION NO N8035Y AIRCRAFT PHONE WHEN READY _____
 YES # WRITTEN BY RLB
 OPER NO _____ SERVICE DESCRIPTION _____

PARTS BROUGHT FORWARD			
TOTAL PARTS			<u>11246</u>
OUTSIDE WORK			
TOTAL OUTSIDE WORK			
GAS-OIL-SOLVENT			
GALS. GAS _____ OCTANE _____			
17 QTS. OIL <u>100W</u> WGT. <input type="checkbox"/> DETERGENT <input type="checkbox"/> NON-DETERGENT		<u>225</u>	<u>3825</u>
1 SOLVENT			<u>400</u>
TOTAL GAS-OIL-SOLVENT			<u>4225</u>

WARRANTY
 PARTS: **375.61A**
 LABOR: **475.51B**
 TOTAL: _____
 I certify that the above work has been inspected and is considered air worthy. This date 1/1/92.
 SIGNED: _____

LABOR BROUGHT FORWARD		
CUSTOMER SALES SUMMARY		
INTERNAL LBR.	374.52A	
INTERNAL PARTS	375.62A	
LABOR	374.50A	
PARTS RETL.	375.60A	<u>11246</u>
OUTSIDE WORK	374.51A	
GAS-OIL-SOLVENT	371.11A	<u>4225</u>
FREIGHT	375.63A	
MISC SUPPLIES	585.00A	<u>500</u>
TAX	219.01A	<u>720</u>
TOTAL AMOUNT		<u>16691</u>

Webco Aircraft

1134 N. OLIVER * HGR G
NEWTON, KS 67114
(316)283-7929 FAX:283-4702

=====
= I N V O I C E =
=====
42811

ORDER DATE: 03-03-94

SHIP DATE: 03-04-94

SOLD TO:

ROBERT BLODINGER
403 PARK STREET
CHARLOTTESVILLE, VA 22902
804-293-9183 FAX:804-295-2960

SHIP TO:

ORANGE COUNTY AERO, INC.
19103 CONSTITUTION HWY.
ORANGE, VA 22960
703-672-5159

ORDER TAKEN BY: TONY J.

ORDER POSTED BY: TONY J.

ORDER #	SHIP VIA	ZONE	TERMS	PKG	WEIGHT	DIM	WT	INS.	CUSTOMER #
N8535Y	FED X ECON		WARRANTY	1	13 OS	41		900	4353

PART #	DESCRIPTION	QTY	UNIT PRICE	AMOUNT
FUEL CELL RF01	REJUVINATE (MAIN) PN=454-334 LH SN=F964 1 WTY INSPECTED AND RETURNED TO SERVICE		275.00	0.00

PARTS: 0.00

SUB TOTAL: 0.00

FRT COLLECT

T H A N K Y O U !

CHECK WITH US FIRST FOR ALL YOUR COMANCHE NEEDS!
ALL RETURNS SUBJECT TO A 15% RESTOCK FEE!

PKG#1:37x30x7 DIMWT:41 1b BILLED TO FEDX#: 1002-1852-6

 * ALL SHORTAGES MUST BE REPORTED WITHIN 7 DAYS OF RECEIVING SHIPMENTS. *
 * PAYMENT TERMS: ALL INVOICES ARE DUE UPON RECEIPT! *

16-08
in see
sp.
This
W in
Thy
536-26 Has
28

3-18-94

NOTES

LT Tach Time 2550.29 Has
Removed and reinstalled left
main fuel tank after rework
by Webco Aircraft. Installed
scarifiable plate area and fuel
transmit pan. Replaced both main
gear door hinges. *Shelby Bantle*
A# 22566638

Revised 3/90

ALTIMETER, AIRSPEED, STATIC SYSTEM CHECK LIST (FAR 91.411)

Part 43 Appendix E

AIRCRAFT MAKE & MODEL PA 30-B "N" No. 8535X Work Order No. 3784

OWNER _____ TACK READING 2416.09 HRS. DATE 7-17-90

Altimeter PN# _____ SN# _____

At 29.92" Hg, A/C Altimeter reads 320. At Field Elev. A/C Altimeter reads 30.33 In.

At Field Elev. PITOSTAT Altimeter reads 30.32 In. Tower or Equivalent Bar Pressure 30.32.

STATIC SYSTEM LEAK RATE: Unpressurized aircraft--at 1,000 feet above field elevation, leak rate is 10 Feet per minute. (Maximum permitted 100 feet per minute)

1. ALTIMETER TESTS: (Up Readings)

(Feet)	(Scale Error permitted feet)	Actual Error Found in A/C	(Friction Error permitted)	Actual Friction Error in A/C
-1000	20	+20	---	---
0	20	-20	---	---
500	20	+5	---	---
1000	20	-10	70	20
1500	25	-5	---	---
2000	30	0	70	30
3000	30	-15	70	35
4000	35	0	---	---
6000	40	-25	---	---
8000	60	-30	---	---
10000	80	-45	80	30
12000	90	-60	---	---
14000	100	-80	---	---
16000	110	-80	---	---
18000	120	-70	---	---
20000	130	-70	100	20
22000	140		---	---
25000	155		120	---
30000	180		---	---
35000	205		160	---
40000	230		180	---
45000	255		---	---
50000	280		260	---

(*Altimeter Case Leak Permitted -- 100 Feet plus or minus) 60

HYSTERESIS (Down readings)

50% of Maximum height tested -40 Feet. (Tolerance allowed.. 75 feet)
40% of Maximum height tested -20 Feet. (Tolerance allowed.. 75 feet)

AFTER EFFECTS ERROR.

Taken within 5 minutes of Hysteresis test completion, and system returns normal. +5 Feet Error. (Maximum permitted error -- 30 feet difference from start of test.)

AIRSPEED TEST REPORT.

PITOT SYSTEM LEAK RATE. Rate of leak at Approx. red line of Acft. 0 Kts (Leak rate should not exceed 5 Kts per minute)

ACCURACY READINGS (Optional)

Aircraft	Pitostat	Aircraft	Pitostat
_____	_____	_____	_____
_____	_____	_____	_____

In Sta. No. HNAR-001A

Signature _____

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

Aircraft/Make PIPEK Model PA30 S/N 30-1696 Reg. # N8535Y

AD Number	Rev. Date	Subject	Date/Hours at Compliance	Method of Compliance	One-Time	Recurring	Next Comp. Due Date/Hrs	Auth. Sign. and Number
64-09-05	4/29/64	INDUCTION SYSTEM ALTERNATE AIR DOOR		N/A S/N				
64-16-06	8/20/64	NOSE GEAR RETRACTION		N/A S/N				
64-21-05	9/16/64	HARTZELL PROPELLER GOVERNOR		N/A MODEL				
64-28-03	12/24/64	HEAVY WALLED TORQUE TUBE		N/A S/N				
65-11-04	5/15/65	STABILATOR CONTROL SYSTEM		N/A MODEL				
66-18-04	8/10/66	BAGGAGE DOOR LATCH		N/A S/N				
66-28-06	11/25/66	STABILATOR SYSTEM		N/A S/N				
67-19-05	6/7/67	OXYGEN CYLINDER MOUNTING CHANNELS		N/A S/N				
69-13-03A	12/14/73	HEATER EXHAUST TUBE		N/A TYPE HEATER				
69-24-04A2	8/5/77	MINIMUM CONTROL SPEED		P/C/W	X			
70-15-17	8/4/70	OPERATING LIMITATION PLACARD		N/A S/N				
70-22-05A	11/30/71	ELECTRICAL SYSTEM MODIFICATION		N/A S/N				
71-12-05	6/16/71	ELECTRIC TRIM SWITCH		N/A S/N				
74-13-01	6/18/74	STABILATOR TORQUE TUBE		P/C/W	X			
74-13-03A	4/30/76	STABILATOR ATTACH BOLTS		P/C W	X			

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

Aircraft/Make PIPER Model PA 30 S/N 30-1696 Reg. # N8535Y

AD Number	Rev. Date	Subject	Date/Hours at Compliance	Method of Compliance	One-Time Recurring	Next Comp. Due Date/Hrs	Auth. Sign. and Number
74-16-08	8/9/74	AFT BULKHEAD ASSY	3-18-85 1963.08	BY INSPECTION	X	2063.08	Kim C. Barnett AIP 231661372
75-27-08A	6/3/76	TORQUE TUBE BEARING FITTINGS		P/C/W	X		
76-18-05	9/10/76	FORWARD FIN ATTACHMENT		P/C/W	X		
77-08-01	4/18/77	AILEON SPAA CRACKS		P/C/W	X		
77-09-10	5/12/77	ELECTRIC TRIM SWITCH		N/A SIN			
77-13-21K	12/16/77	LANDING GEAR COLLAPSE	3-18-85 1963.08	BY INSPECTION	X	3-18-86 2063.08	Kim C. Barnett AIP 231661372
78-12-07	6/19/78	RIGHT FUEL SELECTOR VALVE		N/A DASH NO.			
79-12-08	6/19/79	FAULTY FUEL SELECTOR VALVE	3-18-85 1963.08	BY INSPECTION	X	2013.08	Kim C. Barnett AIP 231661372
79-20-10	10/4/79	AILEON NOSE RIB INSPECTION		P/C/W	X		
82-23-01A1	4/7/83	POSSIBLE LOSS OF AIRPLANE CONTROL DUE TO AN ASYMMETRICAL FLAP EXTENSION OR RETRACTION RETENTION OF WATER CONTAMINATION AND		N/A NOT STC'ED			
83-10-01	6/15/83	DETERIORATION OF THE FUEL SYSTEM	3-18-85 1963.08	BY INSPECTION	X	2013.08	Kim C. Barnett AIP 231661372
83-19-03	9/30/83	PALENT WING LOWER SPAA CAP DAMAGE AND POSSIBLE CRACKS IN THIS COMPONENT WHEN IT ENTERS THE FUSELAGE		P/C/W	X		
85-02-05	3/1/85	TO INSURE PROPER BRAKE OPERATION	3-18-85 1963.08	INSTALLED PLACARD	X		Kim C. Barnett AIP 231661372
84-26-02	1/29/85	INDUCTION AIR FILTER	3-18-85 1963.08	INSTALLED BASKET FILTERS	X	2063.08	Kim C. Barnett AIP 231661372
64-16-05	7/10/64	OIL SEAL FAILURE IN AC LIGHT WEIGHT FUEL PUMPS		N/A TYPE PUMP			

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

Aircraft/Make PIPEA Model PA30 S/N 30-1696 Reg. # N8535Y

AD Number	Rev. Date	Subject	Date/Hours at Compliance	Method of Compliance	One-Time	Recurring	Next Comp. Due Date/Hrs	Auth. Sign. and Number
65-03-03A	8/5/67	CRANKSHAFT FLANGE		P/C/W	X			
66-20-04	8/27/66	OIL FILTER ADAPTER GASKET		N/A TYPE GASKET				
67-22-06	8/9/67	DELTA W STEMMED FUEL DIAPHRAM ASSY		N/A S/W				
73-23-01A4	1/13/77	PISTON PINS		N/A S/W				
75-08-09A3	8/18/77	OIL PUMP FAILURES		N/A S/W				
75-09-15	4/30/75	FUEL STARVATION TO THE ENGINE		P/C/W	X			
81-18-04A2	6/7/82	FAILURE OF ENGINE OIL PUMPS HARTZELL	3-18-85 1963.08	N/A TYPE PUMPS	X		2000 HRS	Jim O. Howell AIP 27/66/722
64-20-01	8/28/64	PLASTIC PITCH CHANGE BLOCKS		N/A S/W				
70-21-09K	6/27/72	LOSS OF AIR CHARGE		N/A MOD. INSTALLED				
77-12-06A2	12/21/77	BLADE SHANK CRACKS BENDIX INJECTION		P/C/W	X		8-26-88 A L 3281, 74 HAS A 3 268, 94 HAS	Jim O. Howell AIP 22/66/722
73-10-02	10/11/73	ASA-5A01, ASA-5A01, ASA-10A01 FUEL INJECTOR		N/A NOT REMOVED				
78-23-10		SEE AUCO AD		N/A INSTALLATION				
79-21-08	10/24/79	POWER LOSS		N/A MARKINGS				
79-26-03	12/26/79	REGULATOR STEM AND LOCK BENDIX MAGS		N/A MARKINGS				
73-07-04A	10/11/73	54LN, 54RN, 56LN, 56RN, 58LN, 58RN MAGNETO		NO ACTION THIS TIME	X		2000 HRS	Jim O. Howell AIP 27/66/722

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

Aircraft/Make PIPER Model PA30 S/N 30-1696 Reg. # N8535Y

AD Number	Rev. Date	Subject	Date/Hours at Compliance	Method of Compliance	One-Time	Recurring	Next Comp. Due Date/Hrs	Auth. Sign. and Number
74-2609	12/24/74	5-20,-200,-1200 SERIES MAGNETOS		P/C/W	X			
78-09-07A3	1/17/83	MAGNETO ON ENGINE FAILURE RESULTING FROM MAGNETO IMPULSE COUPLING FAILURE	3-18-85 1963.08	BY INSPECTION		X	2463.08	Sam O. Barnett AF 231661372
82-20-01	6/14/83	IMPULSE COUPLINGS		N/A TIME IN SERVICE				
82-07-03C	5/6/82	JANITROL HOBBON HEATER 84.7 FAILURE OF AFFECTED COMBUSTION HEATER TUBES	3-18-85 1963.08	BY DECAY TEST		X	3-18-87 HEATER HORAS 284.7	Sam O. Barnett AF 231661372
74-16-05		AFT BULKHEAD ASSY	4-1-86 2058.1	BY INSPECTION		X	4-1-87 2158.1	Sam O. Barnett AF 231661372
77-13-21A		LANDING GEAR	4-1-86 2058.1	BY INSPECTION & NEW BUNGIES		X	2158.1	Sam O. Barnett AF 231661372
79-12-06		FUEL SELECTOR VALVE	4-1-86 2058.1	BY INSPECTION		X	2158.1	Sam O. Barnett AF 231661372
83-10-01		FUEL CONTAMINATION	4-1-86 2058.1	BY INSPECTION		X	2158.1	Sam O. Barnett AF 231661372
73-07-04A		COIL FAILURE	4-1-86 2058.1	REPLACED COILS		X		Sam O. Barnett AF 231661372
78-09-07A3		IMPULSE COUPLINGS	4-1-86 2058.1	REPLACED COUPLINGS		X	2558.1	Sam O. Barnett AF 231661372
74-16-05		AFT BULKHEAD	5-1-87 2170.74	BY INSPECTION		X	2270.74	Sam O. Barnett AF 231661372
77-13-21A		LANDING GEAR	5-1-87 2170.74	BY INSPECTION		X	2270.74	Sam O. Barnett AF 231661372
79-12-06		FUEL SELECTOR	5-1-87 2170.74	BY INSPECTION		X	2270.74	Sam O. Barnett AF 231661372
82-07-03C		JANITROL HEATER	5-1-87 2170.74	BY PRESSURE DECAY		X	5-1-89	Sam O. Barnett AF 231661372

10-1-94 Left Tach 2565.14 Hrs RT Tach 2553.52
Hrs. Checked and lubed controls. Cleaned
fuel screens. Cleaned and packed wheel
bearings. Serviced brakes. Serviced battery.
Serviced nose strut. Replaced nose tire. Replaced
vac relief filters. Replaced loose rivets in bottom
of left nacell. Cleaned and lubed rotating beacons.
Replaced nose wheel bearings and races. Replaced
ELT battery next due Nov 96. C/W AD 77-16-08
by insp. C/W AD 77-13-21 by insp. of bungees.
C/W AD 79-12-08 by insp. C/W AD 83-10-01 by
insp. C/W ~~AD 94-01-03~~ ^{AD 94-01-03} by insp. of coils and
magnets. Coils and magnets found to be good
but mags not stamped because the coils are
Electrocysten Coils. Done this way as per FAA.
I certify that this Aircraft has been inspected
I AW an annual inspection and found to be
in airworth condition. R. C. Barnett
Total Time 2565.14 Hrs. ZA 225666638

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

Aircraft/Make PIPER Model PA30 S/N 30-1696 Reg. # N8535Y

AD Number	Rev. Date	Subject	Date/Hours at Compliance	Method of Compliance	One-Time Recurring	Next Comp. Due Date/Hrs	Auth. Sign. and Number
74-16-05		AFT BULKHEAD	5-6-88 2267.29	INSPECTION	X	2367.29	Wm. D. Annett AIP 231661372
77-13-21		LANDING GEAR	5-6-88 2267.29	INSPECTION (1000AS)	X	2367.29	Wm. D. Annett AIP 231661372
79-12-06		FUEL SELECTOR VALVE	5-6-88 2267.29	INSPECTION	X	2367.29	Wm. D. Annett AIP 231661372
84-26-02		AIA FILTER	5-6-88 2267.29	REPLACEMENT	X	2767.29	Wm. D. Annett AIP 231661372
74-16-05		AFT Bulkhead	6-17-89 2346.43	Inspected	X	2446.43	Ray C. Samth AIP 225666638
77-13-21R		Landing Gear	6-17-89 2346.43	Inspected	X	2446.43	Ray C. Samth AIP 225666638
79-12-08		Fuel Selector	6-17-89 2346.43	Inspected	X	2446.43	Ray C. Samth AIP 225666638
83-10-01		Fuel Contamination	6-17-89 2346.43	Inspected	X	2446.43	Ray C. Samth AIP 225666638
82-07-03C		Sanitrol Heater	6-17-89 2346.43	Reay Inspected	X	6-17-91	Ray C. Samth AIP 225666638
77-12-06		Props	6-17-89 2346.43	C/W By H&H Props	X	6-17-84 3846.43	Ray C. Samth AIP 225666638
77-16-08		AFT Bulkhead	7-7-90 2415.3	Inspected	X	2575.3	Ray C. Samth AIP 225666638
77-13-21R		Landing Gear	7-7-90 2415.3	Replaced Bungees & Insp.	X	2575.3	Ray C. Samth AIP 225666638
79-12-08		Fuel Selector	7-7-90 2415.3	Inspected	X	2575.3	Ray C. Samth AIP 225666638
83-10-01		Fuel Contamination	7-7-90 2415.3	Inspected	X	2575.3	Ray C. Samth AIP 225666638
82-07-03C		Sanitrol Heater	6-28-91 2466.24	Reay Inspection		6-28-91	Ray C. Samth AIP 225666638

AIRWORTHINESS DIRECTIVE COMPLIANCE RECORD

Aircraft/Make Piper Model PA30 S/N 30-1696 Reg. # N8530Y

AD Number	Rev. Date	Subject	Date/Hours at Compliance	Method of Compliance	One-Time	Recurring	Next Comp. Due Date/Hrs	Auth. Sign. and Number
77-16-08		AFT Bulkhead	6-28-91 2466.24	Inspection		X	2566.24	Paul C. Smith A622566678
77-13-21		Landing Gear	6-28-91 2466.24	Inspection		X	2566.24	Paul C. Smith A622566678
79-12-08		Fuel Selector	6-28-91 2466.24	Inspection		Y	2566.24	Paul C. Smith A622566678
83-10-01		Fuel Contamination	6-28-91 2466.24	Inspection		X	2566.24	Paul C. Smith A622566678

OWNERS/OPERATORS STATUS OF AIRWORTHINESS DIRECTIVES REQUIRED BY FAR 91.171

(This is not a record for compliance with the record keeping requirements of FAR 43.9 & 43.11 for mechanics entries)

AIRCRAFT MAKE PIPER MODEL PA30 S/N 1696 N 85354

A D NUMBER	A D REVISION DATE	SUBJECT	DATE OF COMPLIANCE	A/C HOUR AT COMP.	METHOD OF COMPLIANCE	COMPLIANCE RECORD	NEXT COMP DUE DATE/HOUR
05-04	3-10-80	CON CORP.			N/A MANUFACTURE		
09-10	5-8-80	JANITROL					
16-05	8-11-80	RITZ INDUSTRIES			N/A No 02		
25-07	12-5-80	STEWART WARRIOR			N/A MANUFACTURE		
1-16-8	8-9-74	AFT BULKHEAD	1-22-81	1588.9	By INSPECTION	✓	1688.9
1-13-21	12-6-77	BUNGEE CORDS	1-22-81	1588.9	REPLACED CORDS	✓	3 YEARS
12-8	12-6-77	FUEL SELECTOR	1-22-81	1588.9	O.K. P/C/W INSPECTION	✓	
20-10	10-4-79	ALBERON BULKHEAD	1-22-81	1588.9	INSTALLED KIT #763-993	✓	
8-1	4-18-77	ALBERON SPAR	1-22-81	1588.9	INSTALLED KIT 760-914	✓	
09-10	12-6-	JANITROL HEATER	1-22-81	1588.9	OVERHAULED	✓	1788.9 OR 2 YEARS.
16-08	8/9/74	AFT BULKHEAD	2/2/82	1691.7	BY VISUAL INSPECTION	✓	1791.7
13-21	11/2/77	BUNGEE CORDS.	2/2/82	1691.7	P/C/W	✓	2 YEARS FROM THIS INST.
09-10	12-6	HEATER	2/2/82	1691.7	P/C/W	✓	
7-3		HEATER	3-1-83	1761.3	AS DER 2425-1	✓	
13-21	2-4-84	BUNGEE CORDS	2-4-84		REPLACEMENT	✓	3 YEARS

CAUTION:

This instrument is equipped with
to 28.1 inches

(SEE ON REVERSE SIDE)

673-2440

HEAD- 25 ° C	TEST PT (Ft)	INDICATOR READ- INGS AT + 25 ° C
	25,000	
	30,000	
0 0	8000	- 15
500	10,000	- 40
1000	12,000	- 45
1500	14,000	- 65
2000	15,000	- 75
2500	16,000	- 65
3000	18,000	- 50
4000	20,000	- 20
5000	22,000	

AFTO FORM MAR 59 139 -

AF-WP-O-MAR 59 60M

OWNERS/OPERATORS STATUS OF AIRWORTHINESS DIRECTIVES REQUIRED BY FAR 91.173

(This is not a record for compliance with the record keeping requirements of FAR 43.9 & 43.11 for mechanics entries)

AIRCRAFT MAKE PIPER

MODEL PA-30

S/N 30-1696 N 8535Y

A D NUMBER	A D REVISION DATE	SUBJECT	DATE OF COMPLIANCE	A/C HOUR AT COMP.	METHOD OF COMPLIANCE	ONE-TIME RECURRENT	NEXT COMP DUE DATE/HOUR
64-9-5	4-29-64	Induction System			N/A	—	—
64-16-6	8-20-64	NOSE GEAR Retraction Tubes			N/A	—	—
64-21-5	9-16-64	Hartzell Prop GOVERNOR			N/A	—	—
64-28-3	12-24-64	HEAVY WALLED Torque Tube			N/A	—	—
65-11-4	5-15-65	Stab Control system			N/A	—	—
66-18-4	8-10-66	BAGGAGE door Latch			N/A	—	—
66-28-6	11-25-66	Stabilator system			N/A	—	—
67-19-5	6-7-67	oxygen cylinder Mounting Channels			N/A	—	—
69-13-3	12-14-73	HEATER EXHAUST Tube			N/A	—	—
69-24-4	8-5-77	MINIMUM CONTROL SPEED	2-20-70	400	PLACARD Installed	✓	
70-15-17	9-4-70	OPERATING 6 Phacard			N/A	—	—
70-22-5	11-30-71	Electrical system Modifications			N/A	—	—
71-12-5	6-16-71	Electric TRIM switch Mod.			N/A	—	—
74-10-3	9-4-74	Aileron Nose bulkhead			Superseded by AD 79-20-10	—	—
74-13-1	6-18-74	Stabilator Torque Tube	10-23-74	1082	Installed Kit on Right side Top & Bottom LEFT side OK	✓	
74-13-3	4-30-76	Stab Attach bolts	10-23-74	1082	Installed Stainless Bolts	✓	
4-16-8	8-9-74	AFT Bulkhead Assembly	1-23-80	1499.89	C/W by Inspection	✓	1599.89
5-27-8	6-3-76	Torque Tube BEARING FITTINGS	11-21-75	1140.4	C/W SB 464A	✓	
6-18-5	9-10-76	FORWARD Fin Attachment	1-18-79	1399.3	C/W by Inspection	✓	
7-8-1	4-18-77	Aileron SPAR CRACKS	7-23-80	1499.89	C/W by Inspection	✓	1599.89
7-9-10	5-12-77	Electric TRIM Switch			N/A	—	—
7-13-21	12-6-77	Prevent Landing Gear COLLAPSE	12-3-76 1-17-78	1206.9 1305.5	Part(s) C/W SL 752 Kit installed Installed New Bungee Cords	✓	2206.9 Part(A) 1505.5 OR 3 YEARS
9-12-7	6-19-78	Fuel Selector VALVE			N/A	—	—

OWNERS/OPERATORS STATUS OF AIRWORTHINESS DIRECTIVES REQUIRED BY FAR 91.173

(This is not a record for compliance with the record keeping requirements of FAR 43.9 & 43.11 for mechanics entries)

AIRCRAFT MAKE _____ MODEL _____ S/N _____ N _____

A D NUMBER	A D REVISION DATE	SUBJECT	DATE OF COMPLIANCE	A/C HOUR AT COMP.	METHOD OF COMPLIANCE	ONE-TIME PECCURPET	NEXT COMP DUE DATE/HOUR
79-12-8	6-19-79	Fuel Selector Valve	1-23-80	1499.89	CIW by Insp	✓	1549.88 1499.88
79-20-10	10-4-79	Aileron Balances Weight Insp	1-23-80	1499.89	CIW by Insp	✓	1599.89
64-16-5	7-10-64	Fuel Pump Insp			N/A	—	—
65-3-3	6-5-67	Flight Manual Revision	No date		PIC/W	✓	
66-20-4	8-27-66	Oil Filter Insp			N/A	—	—
67-22-6	8-9-67	Injector Insp			N/A	—	—
73-23-1	1-13-77	Piston Pin Failure Oil Pump			N/A	—	—
75-8-9	8-18-77	Drive Flow Divider			N/A	—	—
75-9-15	4-30-75	Insp	11-21-75	1140.0	CIW BY Replacing Gasket	✓	
78-23-10	11-7-78	Injector Insp			N/A	—	—
79-4-5	9-26-79	Injector Insp			N/A	—	—
64-20-1	8-28-64	Insp. of Prop Blades			N/A	—	—
11-21-9	6-27-82	Prop Springs kit			N/A	—	—
17-12-6	12-21-77	Prop Rework	2-19-78	1369	CIW by overhaul Both Props	✓	
17-7-4	10-11-73	Rotor & Coil Insp					DUE AT 2000 HRS
74-26-9	12-24-74	MAG Drive Bushings	11-21-75	1140.4	Replaced Bushings	✓	
R-3	11-3-78	Impulse Coupling					+505.9 1888.9
78-9-7	11-17-79	Insp	1-18-79	1358.9	CIW by Insp	✓	2355.9 R3
76-7-12	8-30-77	MAG Switch Insp			N/A	—	—
73-10-2	5-16-73	Injector Insp			N/A	—	—
79-21-8	8-28-79	Injector Insp			N/A	—	—
79-26-3	12-26-79	Injector Insp			N/A	—	—
79-18-5	8-24-79	Ext Battery			N/A	—	—
19-13-8	6-7-79	Vacuum Pump			N/A	—	—
79-3	12-26-79	Injector Insp			N/A		

Altimeter, Airspeed, Static System Check List (FAR 91.411)

Aircraft Make & Model Twin Otter N-Number 8335Y W.O.# _____Owner BOB BLOOMBERG Tach Time 2/2594.43 Hrs. Date 7-5-95ALTIMETER PN# 1 SN# _____I. At 29.92" Hg, A/c Altimeter Reads 275 At Field Elev. A/c Altimeter Reads _____ Incl. _____

At Field Elev. Pitostat Altimeter Reads _____ In. Tower or Equivalent Baro-Pressure _____

II. STATIC SYSTEM LEAK RATE: Unpressurized Aircraft at 1000 Ft. Above Field Elevation, Leak Rate is 0 Feet Per Minute. (Maximum Permitted is 100 Ft. Per Minute.)

III. ALTIMETER TESTS: (UP READINGS)

(Feet)	(Scale Error)	Actual Error	(Tolerance Permitted)	Annual Tolerance
(permitted)	found in Aircraft	(permitted)	Error in A/C	
-1000	20 FT.	-20	---	---
0	20	-20	---	---
300	20	-20	---	---
1000	20	-15	70	25
1500	25	-10	---	---
2000	30	-20	70	20
3000	30	-20	70	20
4000	35	-10	---	---
5000	40	-10	---	---
6000	50	-20	---	---
10000	50	-35	30	20
12000	50	-50	---	---
14000	100	-60	---	---
15000	110	-80	---	---
18000	120	-80	---	---
20000	130	-80	100	20
22000	140	---	---	---
23000	155	---	120	---
30000	180	---	---	---
35000	205	---	160	---
40000	230	---	180	---
45000	255	---	---	---
50000	290	---	250	---

* (ALTIMETER CASE LEAK PERMITTED--- 100FEET PLUS OR MINUS---)

IV. HYSTERESIS (Down Readings)

50% of Maximum height tested 0 Feet (Tolerance allowed-75 feet)40% of Maximum height tested 0 Feet (Tolerance allowed-75 feet)

AFTER EFFECTS ERROR

Taken within 5 minutes of Hysteresis test completion, and system returns to normal 440 Ft. Error. (Maximum permitted error---30 feet difference from start of test.)

VI. AIRSPEED TEST REPORT

PITOT SYSTEM LEAK RATE. Rate of Leak at Approx. red line of Aircraft: 0 Kts/M

(Leak rate should not exceed 5 Kts per minute)

ACCURACY READINGS (Optional)

Aircraft _____ Pitostat _____ Aircraft _____ Pitostat _____

REPAIR STATION NO. XHGR343L

Signature W. Weedy

I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR PART 91.411 HAVE BEEN PERFORMED.

THE ALTIMETER WAS TESTED TO 20K FT. ON 7/5/95 STATIC SYSTEM TEST 7/5/95SIGNED W. Weedy FOR
HAGERSTOWN AVIATION SERVICES, INC.
CRS# XHGR343L

The ATC transponder tests & inspections required by FAR 91.411 & 91.413 were performed this date and found to comply with FAR 43, Appendix F & E (2) (c).

Transponder Model MARCO UAT-1
Encoder Model ALPSONIC 109 seriesSigned W. WeedyDate 7/5/95 CRS# XHGR343L

A.D.NOTE	TITLE	Comp. Hours	With Date	Next Hours	Due Date	METHOD OF COMPLIANCE	FREQ.	COMPLIED BY
AD69-13-3	Heater Exhaust tube					N/A Janitorial heater installed		
AD69-24-4	Min. control speed	400	2/20/70			P/w Placard installed	permanent	
AD70-15-17	Operating Limit Placard					N/A by Satt		
AD70-22-5	Electrical system mod.					N/A by Satt		
AD71-12-5	Electrical trim switch Mod					N/A by Satt		
AD74-10-03	Cilerm nose bulkhead.	1082	10/23/74			N/A by Satt but checked.		
AD74-13-01	Stub. torque tube	1082	10/23/74			Install later right side by + button		
AD74-13-03	Stub. attach bolts	1082	10/23/74			Replaced with standard bolts	permanent	
AD74-16-08	AFT bulkhead insp.	1082	10/23/74			Checked by insp.	even 100	
AD74-16-08	" " "	1399.3	1-17-79			checked by Insp	each 100	
AD77-08-1	Balance speed	1399.3	1-17-79			checked by Insp	each 100	
AD7805-06	Forward fuel cells	1399.3	1-17-79			checked by Insp	each 1750	
<hr/>								
<hr/>								
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<hr/>								
<hr/>								
Engines	Lycoming IO-320-B1A		left Satt L-3649-55A			Right Satt L-3652-55A		
AD73-03-01								
AD73-23-01	Piston pins					N/A by Satt		
AD-78-09-07	OT maps	1399.3	1-17-79			Ins -		
AD78-23-10	Injector	1399.3	1-17-79			N/A by mod!		
Propellers	Hartzell Model HC-E2YL-2B/7663-4		left Satt BG-3559			right Satt BG-3445		
AD70-16-3						N/A by blade letter no.		
AD71-21-9	Spring back up bit					P/w low pressure		
AD73-10-3						N/A by blade type		
AD-77-1266	O/H props	7-19-78				O/H props		
Misc.								
AD73-7-4	Bondix Magn.			2000h..		Due at 2000h		
AD73-10-2	RSA-5 Bondix fuel injectors					N/A Unit not changed 9/30/72	2/25/73	

Allen D. Haysdon
 R.A.S. CRS 1707

E.P. Sprout
 1705+01
 1803001

R.A.S. CRS 1707
 see sec: ch p 1

R.A.S. CRS 1707

PIQUA AIRCRAFT CO., Piqua, Ohio

Serviceable Part _____ Date 7-13-68

Hartzell Modified Governor Model F-6-3A

Serial No. 7728-T

Remanufactured Overhauled Repaired

TEST RESULTS OR OTHER SPECIFICATIONS

Relief Valve Pressure 285 High R.P.M. Stop 2380

Lever Quadrant Travel _____ For 7600 R.P.M. Tested

Capacity 18.2 Q.P.M. at 1750 R.P.M. at 50 P.S.I. Supply _____

Remarks: Replaced all gaskets and seals, all gears magnafluxed.

Electronic 2050
CLYDESDALE AIRCRAFT CORPORATION

COLUMBUS, OHIO C. A. A. CERT. NO. 2723

ACCEPTED OR SERVICEABLE TAG

NAME Relay
TYPE 1116887
S/N none
P. O. _____
DATE 11-95-69
QTY. 1

CERTIFIED REPAIRED

TESTED

REMARKS: _____

INSPECTOR SIGNATURE [Signature] 1176897

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

AIRWORTHINESS APPROVAL TAG

DESCRIPTION OF PARTS

NEW NEWLY OVERHAULED

APPROVAL BASIS
STC SA673EH

QUANTITY, NAME AND PART NUMBER
1 - Radome
P/N-3058 X
S/N-2

ELIGIBLE FOR INSTALLATION ON: (T. C. PRODUCT)


PRC PA-30
SEE SHIPPER'S INVOICE NUMBER

INSPECTED AND APPROVED

AGENCY NAME AND NUMBER
[Signature]

SIGNATURE OR FAA REPRESENTATIVE
[Signature]

DATE 1/29/69
FAA NUMBER EA-EM00-48

ENCODER		ALTITUDE	SCALE ERROR	FRICTION	CASE LEAK _____ FT.		
ON	OFF				HYSTERESIS		
		-1000			ALT	UP	DOWN
150	-30						
-30	+50	0			102	190	190
-50	+40	500			84	130	130
		1000		30	AFTER EFFECT +10 FT.		
-50	+40	1500			BARO. SCALE ERROR		
		2000		30	28.10		
		3000		40	28.50		
-40	+40	4000			29.00		
		5000		40	29.50		
-30	+40	6000			29.92		
-40	+40	8000			30.50		
		10000			30.90		
		12000			30.99		
		14000			ALT S/N		
		15000			DATE		
		16000			MECHANIC		
		18000			INSPECTOR		
		20000			<input type="checkbox"/> TEST IN COMPLIANCE WITH APPENDIX E, PART 43 FAA REGULATION		
		22000			<input type="checkbox"/> CALIBRATED WITH A MERCURY BAROMETER		
		25000					
		30000					
		35000					
		40000					
		45000					
		50000					

CAPITAL AVIATION INSTRUMENT CORP.

MANASSAS AIRPORT FAA REPAIR STATION #162-10

CUSTOMER WARRANTY REGISTRATION

FILL OUT AND RETAIN FOR INFORMATION

NOMENCLATURE

Altimeter

PART NO.

101420-01255

SERIAL NO.

C 112831

INSTALLED BY

Reading Aviation Ser

DATE INSTALLED

29 Jan 79

PURCHASED FROM

Reading Aviation Ser

DATE OF MANUFACTURE

Blodinger, ROBERT
 403 Park St
 Charlottesville, VA 22902-

S
H
I
P
T
O

Assembly#: 453-0103-

SHIPPING INSTRUCTIONS	VIA	MODEL NO.	SERIAL NO.
	FEK E2	R21	30819
PHONE		P.O. #	REC'VD BY
() (803)293-9183			HC
		DATE RECEIVED	WARRANTEE EXPIRES
		01/24/94	DD <input type="checkbox"/>
Person to contact:		<input type="checkbox"/> REPAIR	<input type="checkbox"/> REPLACEMENT <input type="checkbox"/> CREDIT
CUSTOMER COMPLAINT	ATTACHED <input type="checkbox"/>	LIST ALL ACCESSORIES RECEIVED - CONDITION RECEIVED	
RMA Number: 01-013CH		unit only	
Oscillator offset out of limits		Chassis Repair Unit Software in: V210A	
DESCRIPTION OF REPAIR		PARTS USED FOR REPAIR	
EXCHANGED CUSTOMER UNIT FOR REMANUFACTURED		QUAN.	PART NUMBER
R21 S/N 36856.		1	453-0103
			PRICE
			\$600.00
			EXTENSION
			\$150.00

ARNAV

Maintenance Release

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

F.A.A. approved M M F No. S51-036
 2207 MERIDIAN EAST, GRAYHAM WA 98338

Date: 2-2-94

Inspector: [Signature]

Refer to Installation Manual

Maintaining cause performance.

ina Phase Setting

ing requirements.

REPAIRED BY:	TOTAL PARTS \$450.00																																								
<p>MAINTENANCE RELEASE</p> <p>The component identified above was repaired and inspected in accordance with current Federal Aviation regulations and was found airworthy for return to service.</p> <p>INSPECTOR <u>[Signature]</u> DATE <u>2-2-94</u></p>	LABOR																																								
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td>DATE SHIPPED</td> <td>HR. @ \$</td> <td>PPD</td> <td>COL</td> <td>INS</td> <td>PPD CHG</td> <td>PER/HR.</td> <td>N/C</td> </tr> <tr> <td>2-2-94</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td>NO. PKGS.</td> <td>WT.</td> <td colspan="2">BY</td> <td colspan="2">C.O.D.</td> <td colspan="2">SHIPPING CHARGE</td> </tr> <tr> <td>1</td> <td>5</td> <td colspan="2">CH</td> <td colspan="2"></td> <td colspan="2">800</td> </tr> <tr> <td>APPROVED</td> <td colspan="3">C.O.D.</td> <td colspan="2" style="background-color: black; color: white; text-align: center;">TOTAL INVOICE</td> <td colspan="2"></td> </tr> </table>	DATE SHIPPED	HR. @ \$	PPD	COL	INS	PPD CHG	PER/HR.	N/C	2-2-94								NO. PKGS.	WT.	BY		C.O.D.		SHIPPING CHARGE		1	5	CH				800		APPROVED	C.O.D.			TOTAL INVOICE			
	DATE SHIPPED	HR. @ \$	PPD	COL	INS	PPD CHG	PER/HR.	N/C																																	
	2-2-94																																								
NO. PKGS.	WT.	BY		C.O.D.		SHIPPING CHARGE																																			
1	5	CH				800																																			
APPROVED	C.O.D.			TOTAL INVOICE																																					

DENNEY-REYBURN

SERVICEABLE PART

MANUFACTURER BENDIX CORP
 PART NAME FLOW DIVIDER
 MODEL RSA-
 PART NO. 2524218-2
 SERIAL NO. 970L
 REMARKS: OVERHAULED A.O.

NOTE 75-09-15 COMPLIED
WITH

ACCOMPLISHED BY W. R. Redman

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, 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. 14722 DATE 11-20-75

SIGNED J. C. Pounce
 SIGNATURE OF AUTHORIZED REPRESENTATIVE

FOR:

PIEDMONT AVIATION, INC.
 SMITH REYNOLDS AIRPORT
 WINSTON-SALEM, N. C. 27102

F.A.A. REPAIR STATION NO. 1340 (LTD.)

DENNEY-REYBURN

SERVICEABLE PART

MANUFACTURER BENDIX CORP.
 PART NAME FLOW DIVIDER
 MODEL RSA-
 PART NO. 2524218-2
 SERIAL NO. 851K
 REMARKS: OVERHAULED A.O.

NOTE 75-09-15 COMPLIED
WITH

ACCOMPLISHED BY W. R. Redman

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, 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. 14722 DATE 11-20-75

SIGNED J. C. Pounce
 SIGNATURE OF AUTHORIZED REPRESENTATIVE

FOR:

PIEDMONT AVIATION, INC.
 SMITH REYNOLDS AIRPORT
 WINSTON-SALEM, N. C. 27102

F.A.A. REPAIR STATION NO. 1340 (LTD.)

L
electrosonic 20050
 CLYDESDALE AIRCRAFT
 CORPORATION

COLUMBUS, OHIO

C. A. A.
CERT. NO. 2723

ACCEPTED OR
 SERVICEABLE TAG

NAME Voltage reg.

TYPE 1119246c

S/N None

P. O.

DATE 11-25-69

QTY. 1

CERTIFIED

REPAIRED TESTED

REMARKS:

INSPECTOR
SIGNATURE

J. C. Pounce 1176897

R

Electronic 20050

CLYDESDALE AIRCRAFT CORPORATION

COLUMBUS, OHIO

C. A. A.
CERT. NO. 2728

ACCEPTED OR
SERVICEABLE TAG

NAME

Volloger reg.

19246C

me

Boyer 1176897

ROBERT H. BLODINGER

SERVICEABLE PART

MANUFACTURER JANITROL
PART NAME HEATER
MODEL B2030
PART NO. 20035
SERIAL NO. 1670711
REMARKS: OVERHAULED & TESTED.
C/10 AD 80-09-10

ACCOMPLISHED BY W. Stanley
THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, 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. 90477 DATE 1-21-81

SIGNED F. B. Owen
SIGNATURE OF AUTHORIZED REPRESENTATIVE

FOR:
PIEDMONT AVIATION, INC.
SMITH REYNOLDS AIRPORT
WINSTON-SALEM, N. C. 27102
F.A.A. REPAIR STATION NO. 1340 (LTD.)

DENNEY-REYBURN

SERVICEABLE PART

MANUFACTURER Boeing
PART NAME 747-400
MODEL 250-5 ADT
PART NO. 2524145-10
SERIAL NO. 2750
REMARKS: overhauled & tested
312 471 6140-11
check & status

ACCOMPLISHED BY P. H. G.
THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, 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. 888516 DATE 5-7-80

SIGNED P. H. G.
SIGNATURE OF AUTHORIZED REPRESENTATIVE

FOR:
PIEDMONT AVIATION, INC.
SMITH REYNOLDS AIRPORT
WINSTON-SALEM, N. C. 27102
F.A.A. REPAIR STATION NO. 1340 (LTD.)

DENNEY-REYBURN

SERVICEABLE PART

MANUFACTURER Pendix
PART NAME Magnetas
MODEL 54LN-21
PART NO. 10-51860-37
SERIAL NO. 21494-15752-15751-15753
REMARKS: check A.D. Note 78-
09-07

ACCOMPLISHED BY James M. Johnston
THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, 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. 23085 DATE 1/15/79

SIGNED J. M. Johnston
SIGNATURE OF AUTHORIZED REPRESENTATIVE

FOR:
PIEDMONT AVIATION, INC.
SMITH REYNOLDS AIRPORT
WINSTON-SALEM, N. C. 27102
F.A.A. REPAIR STATION NO. 1340 (LTD.)

PIEDMONT AVIATION, INC.
Smith Reynolds Airport
Winston-Salem, N. C. 27102

HEATER OVERHAUL INSPECTION & TEST RECORD

MAKE JANITROL MODEL B 2030 PART NO. 20D35 S/N 1670711
W. O. # 90477 OWNER ROBERT H. BLONINGER ADDRESS CHARLOTTEVILLE, VA.

Description	Condition		Test		Remarks
	Good	Bad	Good	Bad	
Combustion Tube	/		/		
Comb. Head Assy.	/		/		
Negative Pressure Line	/		/		
Jacket Assembly	/		/		
Nozzle Holder	/		/		
Fuel Nozzle	/	/	/	/	REPLACED FUEL NOZZLE.
Fuel Solenoid	/		/		
Comb. Pressure Sw.	/		/		
Wiring Harness	/		/		
Ignition Assembly	/		/		
Coil Assembly	/		/		
Vibrator	/		/		
Spark Plug	/		/		
Limit Switch	/		/		
Cycling Switch	/		/		
Noise Filters	/		/		
Fittings & Coup.	/		/		
Comb. & Vent Blowers	/		/		
Motor Brushes	/		/		
Armature	/		/		
Bearings	/		/		
Wiring	/		/		
Fans	/		/		
Motor Bracket	/		/		
Capacitor	/		/		
Housing Assembly	/		/		

FINAL TESTING

Air Pressure		Fuel Pressure		Fuel Flow		Comb. Manometer		Vent. Manometer	
7.5		7.0		.04		2.0		1.5	
D. C. Voltage & Amps						Temperature			
Comb. Blower		Vent Blower		Ign. Unit		Outlet		Duct Switch	
Volts	Amps	Volts	Amps	Volts	Amps	225°F.		—	
12	6.5	12	6.5	12	1				

W. Stanley

Remarks _____

DATE	SYM	REVISION RECORD	AUTH	OR.	CHK.	ARNAV SYSTEMS, INC. 4740 Ridge Drive NE, P.O. Box 7078, Salem, OR 97303	DRAWING NUMBER
7-10-84	-	RELEASE ECO # 1644	EW	CC			1065
8-9-84	A	RELEASE ECO # 1666	SW			DATE	REVISION
8-25-84	B	ECO # 1667	SW			10-12-83	B
DESCRIPTION						APPROVED BY	
ARNAV 20 LORAN PACKING CHECKLIST						<i>D. Meyer</i>	1384 <i>dm</i>

RECEIVER KIT P/N 455-6042 REV -
 MAIN ASSY ARNAV 20 453-0093 REV- A-3

<input checked="" type="checkbox"/>	QTY	PART NUMBER	DESCRIPTION
<input type="checkbox"/>	1.000	560-0002	WARRANTY DESCRIPTION 1 YEAR
<input type="checkbox"/>	1.000	560-0101	ARNAV WARRANTY REGISTRATION
<input checked="" type="checkbox"/>	1.000	570-0060	OPERATION MANUAL 20 REV- <u>211G</u>
<input type="checkbox"/>	2.000	630-0004	HEX KEY 7/64 SPECIAL
<input type="checkbox"/>	1.000	572-0013	POCKET CHECK LIST ARNAV 20
<input type="checkbox"/>	1.000	591-0307	LABEL, FOR VFR USE ONLY

RECEIVER S/N 15195
 QC APPROVAL L.S. Yost/Bb

Model R20 Part No 453-0093A3
 Serial No 15195

Serviceable

The above identified component was repaired and inspected in accordance with current F.A.R. and is approved for return to service. Pertinent details of the repairs are on file at this agency under:

Work order No. 20450 Date 1-17-86

Signed by *R. Margum* for _____

ARNAV Systems, Inc.
 FAA approved manf. maint. facility No. S64-001
 4740 Ridge Dr. NE, Salem, OR 97303

SERVICEABLE PART

MANUFACTURER Lycoming
PART NAME Engine
MODEL IO-320-B1A
PART NO. _____
SERIAL NO. L-3649-55A
REMARKS: Engine Overhauled and
Tested

ACCOMPLISHED BY

Bryan A. Long

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE,
PROPELLER, 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. 30858 DATE 2-11-91

SIGNED

[Signature]
SIGNATURE OF AUTHORIZED REPRESENTATIVE

FOR:

**PIEDMONT AVIATION SERVICES, INC.
SMITH REYNOLDS AIRPORT
WINSTON-SALEM, N. C. 27166**

FAA REPAIR STATION NO. PAIR208A

SERVICEABLE PART

MANUFACTURER Lycoming
PART NAME Engine
MODEL IO-320-B1A
PART NO. _____
SERIAL NO. L-3652-55A
REMARKS: Engine Overhauled and
Tested.

ACCOMPLISHED BY

Bryan A. Long

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE,
PROPELLER, 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. 30857 DATE 2-6-91

SIGNED

[Signature]
SIGNATURE OF AUTHORIZED REPRESENTATIVE

FOR:

**PIEDMONT AVIATION SERVICES, INC.
SMITH REYNOLDS AIRPORT
WINSTON-SALEM, N. C. 27166**

FAA REPAIR STATION NO. PAIR208A

Blodinger

SERVICEABLE PART

MANUFACTURER *Hartwell*
PART NAME *prop G hr*
MODEL *F-6-13A*
PART NO. *-*
SERIAL NO. *17287*
REMARKS: *overhauled*

ACCOMPLISHED BY *Tom L. Mule*

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, 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. *30858* DATE *2-5-91*

SIGNED *Athel P. Dalrymple*
SIGNATURE OF AUTHORIZED REPRESENTATIVE

FOR:

**PIEDMONT AVIATION SERVICES, INC.
SMITH REYNOLDS AIRPORT
WINSTON-SALEM, N. C. 27168**

FAA REPAIR STATION NO. PAIR208A

Robert H. Blodinger

PIEDMONT GOVERNMENT

US

SERVICEABLE PART

CUSTOMER Robert H. Blod
MODEL F-6-3
DATE RECEIVED 5-12-98
CUSTOMER P.O. NUMBER _____

MANUFACTURER Hartzell
PART NAME Prop Gov.
MODEL F-6-3A
PART NO. _____
SERIAL NO. 7728T
REMARKS: Disassembled, cleaned, inspected, repaired, reassembled and bench checked. 9W SB. 176
ACCOMPLISHED BY Tony T. Mabe

P2900
7728T
SHIPPED _____

DISASSEMBLED BY		MECHANIC	
CLEANED BY			
CONTROL SHAFT BUSHING REPLACED BY			
PAINTED BY			
REPAIRED BY			
INSP PARTS PER O/H MANUAL	<u>5-13-98</u>		
ASSEMBLED BY	<u>5-13-98</u>		
ASSEMBLED COVER BY	<u>N/A</u>		
TESTED BY	<u>5-13-98</u>		

THE AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, PROPELLER, 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. P2900 DATE 5-14-98
SIGNED Jammy D. O'Kelly
SIGNATURE OF AUTHORIZED REPRESENTATIVE
FOR:
PIEDMONT AVIATION SERVICES, INC.
SMITH REYNOLDS AIRPORT
WINSTON-SALEM, N.C. 27156
FAA REPAIR STATION NO. PAIR208A

Repaired AND TESTED ACCORDANCE WITH Hartzell MANUAL 130B AND TSP _____

MISSING PARTS _____

COMMENT Disassembled, cleaned, inspected, repaired, reassembled and bench checked.

COMPLIED WITH SERVICE BULLETIN NUMBER 176.

INSPECTED BY _____

(PARTS LIST ATTACHED)

SERVICEABLE PART

MANUFACTURER Hartzell

PART NAME GOVERNOR

MODEL F-6-3A

PART NO. _____

SERIAL NO. 11179T

REMARKS: Reassembled, bench checked
and tested.

ACCOMPLISHED BY Mark Blanchard

THE AIRCRAFT PROPELLER OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER:

Order No. 16945 Date 15 Apr 09

Signed [Signature]
Signature of Authorized Representative

FOR:

H & H PROPELLER SERVICE
Burlington Municipal Airport
Burlington, NC 27215

F.A.A. REPAIR STATION NO. PS4R451M;

SERVICEABLE PART

MANUFACTURER Hartzell

PART NAME GOVERNOR

MODEL F-6-3A

PART NO. _____

SERIAL NO. 7728T

REMARKS: Reassembled, bench checked
and tested.

ACCOMPLISHED BY Mark Blanchard

THE AIRCRAFT PROPELLER OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION AGENCY AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE.

PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER:

Order No. 16945 Date 15 Apr 09

Signed [Signature]
Signature of Authorized Representative

FOR:

H & H PROPELLER SERVICE
Burlington Municipal Airport
Burlington, NC 27215

F.A.A. REPAIR STATION NO. PS4R451M;