

Log # 1

AIRCRAFT LOG

Do Not Use!



AIRCRAFT LOG

PIPER AIRCRAFT CORPORATION

General Offices at
Lock Haven, Pennsylvania

U. S. A.

N-186CA

~~11811111~~

Aircraft
Registration Number

Part No. 230 715

03081-11

OWNER

NAME

ADDRESS

~~E.T. BATTERY DUE~~
~~APRIL 1984~~

1

2

3

4

5

6

REPLACE ELT BATTERY BY:
MAR 28 1980

ARTEX AIRCRAFT SUPPLIES, INC.
ARTEX 24308 S. Skyline Dr. Canby, OR 97013
(503)266-3859 800-547-9901

LOG BOOK ENTRY 6-1-91

ELT BATTERY REPLACEMENT DATE Jul 93

If this book is found, please return it to the owner.

NOTICE

Making false entries in this book is a violation of government regulations and is punishable by civil penalty.

AIRCRAFT DESCRIPTION

Registration No. N-186CA
 Model: PA-32R-301 Popular Name: Saratoga SP
 Serial No.: 32R-803046 Type Certificate No.: A350
 Colors: SEE WEIGHT AND BALANCE
 Engine Manufacturer: Lycoming Propeller Manufacturer: Hartzell
 Original Engine Model: IO-580-K165D Original Propeller Model: HC-C34R-1A
 Serial Numbers: Single L-20047-48A Hub or Serial Number: Single DY1001
 Left L-17159-48A Left _____
 Right _____ Right _____
 Blade Numbers
 Left Right
E49041 _____
E49069 _____
E49120 _____

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

[illegible]

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

[illegible]

COMPLIANCE WITH MANUFACTURER'S SERVICE BULLETINS AND LETTERS

[illegible]

COMPLIANCE WITH MANUFACTURER'S SERVICE BULLETINS AND LETTERS

[illegible]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
			I HAVE INSPECTED THIS AIRCRAFT AND ISSUED A STANDARD AIRWORTHINESS CERTIFICATE DATED FEB 1 2 1980 FAR 21.103(a) PER 21.273. I/A/W <i>Jimmie A. Lanfair</i> FAA DOA 22-1	
			THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR PART 91.170 HAVE BEEN PERFORMED. THE ALTIMETER(S) HAVE BEEN TESTED TO 20,000 ON (L) 10-8-79 (R) N/A SIGNED <i>Jimmie A. Lanfair</i> DATE FEB 1 2 1980	
			THE AUTOMATIC PRESSURE ALTITUDE REPORTING EQUIPMENT TESTS REQUIRED BY FAR PART 91.36 HAVE BEEN PERFORMED THIS DATE 1-8-80 SIGNED <i>Jimmie A. Lanfair</i>	
FEB 1 2 1980	0.75			
Total To Carry Forward		0.75		

Registration No.

108144N

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 <i>King</i> Model <i>KT76A</i> S/N <i>17741</i> 2. Make _____ Model _____ S/N _____ Details of this inspection are on file at this facility under S/N <i>8013046</i> Date <i>1-8-80</i> Q. A. Inspector <i>Jimmie A. Lanfair</i> PIPER AIRCRAFT CORP. VERO BEACH, FLORIDA	The ELT is installed per FAR 91.52. Battery replacement date <i>4-28-81</i> D. O. A. No. SO- Piper Aircraft Corp.	
THE R-NAV SYSTEM AS INSTALLED HAS BEEN TESTED AND COMPLIES TO THE PERTINENT CONDITIONS OF A.C. 90-45A FOR IFR OPERATIONS. SIGNED <i>Jimmie A. Lanfair</i> DATE <i>2-4-80</i>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
3-25-80	Brought Forward →	50.3		50 hr. Insp. C/w this date. Lubed & checked syst. as per Piper insp Report. J. Williams AFD 1979/636
12-8-80				
took 317.3				C/w A.D. 80-24-03 (amp. Meter) this date. J. Williams AFD 1979/636
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
3-1-81 tack 365.8	Replaced hand brake line and fittings. Inspected a/c, lubed and checked gear and emerg. sys. Lubed all control surfaces and pullups	
VENICE FLYING SERVICE, INC. I CERTIFY THAT THIS <u> aircraft </u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u> Annual </u> INSPECTION AND IS AIRWORTHY. <u> J. Williams </u> 1A192963L		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
3/20/81	Spec. Advisory S.A. 32/32R-301/301T			Completed inner Weatherfield MC per J.R. Sumble
4/12/81	Replaced all brake linings, Replaced both main tires. Used 27th Aviation			Paul E. Huns ATP 2129751
8/14/81	REINSTALL STROBE PWR. SUPPLY.			Paul E. Huns ATP 2129751
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
12-15-81 Installed Piper Kit # 764-135V in nose retract tach 539.0 links. Changed nose tire & tube.	Williams AP1929636	
1-28-81		
tach 543.8 c/w Piper 5/B 703 by installing Piper Kit # 764-091V on both ailerons. Williams AP1929636		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
3/2/22	Brought Forward →	704 554	Installed paper kit # 764-149	
			by removing radome and related structure and	
			reinstalling radar dish and Norton Co.	
			radome and structure under STC # SA5146L	
			See pilots hand book for weight and balance	
			change and form 337.	
			Paul E. Hays AWP 7009751	
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
VENICE FLYING, INC. 5/11/82 TACH 602 I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS AIRWORTHY. REPLACED ALL BRACE BOWS. REPLACED ONE CONE + CUP SET, NOSE WHEEL. REPLACED E.I.T. BATTERY. NEXT DUE APRIL 84. Daniel E. Harn 1A2179751		
5/18/82 TACH 604 Replaced ignition switch with Bendix unit. Test run O.K. Daniel E. Harn AIP 2179751		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	8/2/82 (TACH 638)		Replace both cones and cups in nose wheel. Paul E. Huns AWP 2179751
3/24/83	TACH 682			INSTALLED CERTIFIED ALTITUDE AND PITOT/STATIC TEST AS REQUIRED BY FAR 91.170. SYSTEM TIGHT. SERVICED TIRES, BATTERY, FLUID LEVELS. Paul E. Huns AWP 2179751
4/5/83				The Automatic Altitude Reporting System test & inspection Required by FAR 91.171 has been performed & found to comply with Part 43 Appendix E (a). Thomas Huns CFS 764-87 WO# 1501
Total To Carry Forward				

Registration No. _____

[illegible]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
	VENICE FLYING SERVICE, INC.			AD NOTES CHECK THRU 83-06
5/10/83	I CERTIFY THAT THIS AIRCRAFT			
TACH 719	HAS BEEN INSPECTED IN			
	ACCORDANCE WITH AN ANNUAL			
	INSPECTION AND IS AIRWORTHY.			
7/22/83	Replaced both main gear			
Tach 746	unions. Gear retraction and			
	free fall OK.			
	William H. Yocke			
	AIP 1827921			
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
7/29/83 REPAIRED AUTO EXTENSION BELLOWS DIAPHRAGM		
TACH 749 WITH PIPER KIT # 761-138. TEST FLY		
AND ADJUST AUTO GEAR EXTENSION SPEED		
W. J. E. Huns AIP 2179751		
9/9/83 REPAIRED LANDING GEAR "AUTO EXTENSION"		
TACH 750 UNIT WITH PIPER NEW UNIT. TEST		
FLY AND ADJUST GEAR EXTENSION		
SPEED. REPAIRED NOSE GEAR DOWN LOCK		
SWITCH ACTUATOR.		
W. J. E. Huns AIP 2179751		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
12/23/83	REPLACED ALL AIRAKE WININGS, 66.62.			
TACH 781	D. E. Hess AWP 7179751			
5/24/84	VENICE FLYING SERVICE, INC.			
TACH 806	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND IS AIRWORTHY.			
	RESEALED ALL THREE LANDING GEAR ACTUATORS			
	REPLACED ELT BATTERY.			
	NEXT DUE MARCH 28, 1986. ADS CHECKED			
	TACH 84.08.			
	D. E. Hess 1A 7179751			
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
1-24-84 - Tach Time 850.4 - Installed New Airspeed Indicator.	Details of repair on work order 2537 Dated 1-14-85 are on file at this agency. Kan [Signature] AMI INC. GARY MUNICIPAL AIRPORT 5401 INDUSTRIAL HIGHWAY GARY, IND. 46406 CRS #18-25	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5-17-85	Brought Forward →	Tach Time 878.0		Annual inspection completed this date in accordance with a Piper inspection form including the following - Replaced microphone holder. Installed fuel grade decal on right wing. Tightened left inboard fuel quantity transmitter. Tightened jam nut on left aileron bellcrank forward stop. Reglued aft cable bulkhead seal. Replaced nose bearings and races. Replaced pilots and aft door seals. Installed overhauled prop S/N DY1001, w/n HC-C34R-1RF from
Total To Carry Forward				CONT Next Page

CONT From
Prev Page

Registration No. _____

and Remarks	Signature	Certificate No.
5/17/85 - TT 878.0 Whirlwind prop Service, Rep Sta #4321 w/o 12598, 5/15/85. AD 77-12-06 complied with at this time, due again at 2378 or 5/17/90. AD's checked through 85-08-05.		
I certify that this <u>Airframe</u> has been inspected in accordance with an <u>Annual</u> inspection and has been found to be in an airworthy condition. Details of repair on W/O # <u>2650</u> dated <u>5-6-85</u> are on file at this agency. <u>Ken Johnson</u>		
Authorized Signature AMI, INC. GARY MUNICIPAL AIRPORT 5401 INDUSTRIAL HIGHWAY GARY, IN. 46406 CRS #18-25		

AIRCRAFT LOG

[illegible]

Alt Reads	Actual Temperature		Low Temp C
	Room Temp °C		
1000	+ 20		
0	+ 20		
500	+ 20		
1000	+ 20		
1500	+ 25		
2000	+ 30		
3000	+ 30		
4000	+ 35		
6000	+ 40		
8000	+ 40		
10000	+ 30		
12000	+ 40		
14000	+ 50		
16000	+ 50		
18000	+ 60		
20000	+ 100		
22000	+ 100		

DATE
TESTED
RN:

Maintenance

TIMBER AND STATIC SYSTEM
 PARTS HAVE BEEN IN-
 CLUDED WITH APPENDIX E

85 22000
DATE TEST DONE
K. A. Johnson
OF ILLINOIS, INC., FAA

TRANSPONDER TEST REQUIRED
TESTED AND FOUND TO COMPLY
PAR. DEX E, AND F, OF PART 42.

22000
NEXT TEST DUE 5-12-87
AVIATION MAINTENANCE
REPAIR STATION C-18-25.

Registration No. _____

and Remarks	Signature	Certificate No.
8 NOV 85 TACK TIME 990.1 ANNUAL INSPECTION COMPLETED THIS DATE IN ACCORDANCE WITH PIPER INSPECTION FORM REP4K61 INSTALLED ELT ANTENNA REPLACED NOSE WHEEL BEARINGS & RACE PACKED ALL WHEEL BEARINGS CHECKED PULLEYS & CABLE (CHECKED) AD'S THRU 85-21	I certify that this <u>AIRCRAFT</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and has been found to be in an airworthy condition. Details of repair on W/C # <u>2794</u> dated <u>11/4/85</u> are on file at this agency. <u>[Signature]</u> Authorized Signature	
	AMI, INC. GARY MUNICIPAL AIRPORT 5401 INDUSTRIAL HIGHWAY GARY, IN. 46406 CRS #18-25	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	DATE 30 JUNE 1986	TACH 1034.17	
	INSTALLED	TEXAS INSTRUMENTS LOAN TI-91		
	LORAN C	NAVIGATION SYSTEM, REVISED		
	WEIGH AND	BALANCE FOR DETAILS REFER		
	FORM 337	THIS DATE		
	Details of repair on work order # 2949			
	Dated 3-13-86 at this agency.			
	Authorized Signature			
	AMI INC.			
	GARY MUNICIPAL AIRPORT			
	5401 INDUSTRIAL HIGHWAY			
	GARY, IND. 46406			
	CRS #18-25			
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
DATE 8 OCTOBER 1986 TACH 1028.00		
1) P/C/W AD 86-17-01 INSTALLED		
AMMETER REPLACEMENT KIT 765-186 1/PW		
PIPER SERVICE BULLETIN 811# AND		
MANUFACTURERS INSTRUCTIONS, REPLACE AMMETER		
WITH NEW 763-053		
THE AIRCRAFT AND/OR COMPONENTS IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER W.O. 3065 DATE 10/8/86		
BY		
T I AVIATION, INC.		
5401 INDUSTRIAL HIGHWAY		
GARY, IN 46406		
CRS #18-25		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	DATE 21 NOVEMBER 1986 TACH 1093.18 TOTAL 1093.18		
1) INSPECTED AND LUBRICATED ALL CABLE PULLEYS PUSH RODS ROD ENDS, BALL CRANKS AND HINGLES AS APPLICABLE				
2) ADJUSTED ALL CABLE TENSIONS.				
3) REPLACED BATTERY				
4) CLEANED INSPECTED AND REPACKED WHEEL BEARINGS				
5) REPLACED ALL TIRES				
6) PERFORMED LANDING GEAR RETRACTION TEST				
7) REPLACE RH FLAP PUSH ROD AFT ROD END				
8) REMOVED CORROSION FROM BELLY AND REPAINTED				
9) REPLACED RH AND LH STABILIZER TRIM TAB OUTBOARD HINGES				
I certify that this aircraft has been inspected in accordance with an <u>ANNUAL</u> inspection and has been found to be in an airworthy condition. Date of repair on W/O # <u>3096</u> dated <u>11/29/86</u> are on file at this agency. <u>[Signature]</u> Authorized Signature F T I AVIATION, INC. 5401 INDUSTRIAL HIGHWAY GARY, IN 46406 CRS #18-25				
Total To Carry Forward				

and Remarks
ALTIMETER (S)

PILOT'S Unit
S/N P1729

TESTED TO 20
AS REQUIRED BY FA
PARAGRAPH (b) DATED

AUTOMATIC PRESSURE
AND INSPECTED AS REQUIRED
WITH FAR 43, APPENDIX "E"

J.A., INC.

JOLIET AVIONICS, INC.
FAA Repair Station 3159

ALTIMETER CALIBRATION

MANUFACTURE United MODEL 5934 S/N P1729

SCALE ERROR		FRICTION		HYSTERESIS
ALT.	ERROR	ALT	DIFF	
1000	0	1000	40	50% 10
0	0	2000	30	
500	0	3000	30	
1000	0	5000	40	40% 10
1500	0	10000	40	AFTER EFFECT 0
2000	0	15000	30	
3000	0	20000	50	
4000	-10	25000		CASE LEAK 0
6000	-10	30000		
8000	0	35000		
10000	+20	40000		THIS ALTIMETER TESTED IN ACCORDANCE WITH FAR 91.171 AND PART 43, APPENDIX "E"
12000	+20	45000		
14000	+20			
16000	+20			
18000	+10			
20000	+10			
22000				
25000				
30000				
35000				
40000				
45000				
50000				

DATE 4/9/87
W.O. # 88288
INSP Doug Mall

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	DATE 21 NOVEMBER 1986 TACH 1093.18 TOTAL 1093.18		
1)	INSPECTED AND LUBRICATED ALL CABLE PULLEYS PUSH RODS, ROD ENDS, BALL CRANKS AND HINGLES AS APPLICABLE			
2)	ADJUSTED ALL CABLE TENSIONS.			
3)	REPLACED BATTERY			
4)	CLEANED INSPECTED AND REPACKED WHEEL BEARINGS			
5)	REPLACED ALL TIRES			
6)	PERFORMED LANDING GEAR RETRACTION TEST			
7)	REPLACE RH FLAP PUSH ROD AFT ROD END			
8)	REMOVED CORROSION FROM BELLY AND REPAINTED			
9)	REPLACED RH AND LH STABILIZER TRIM TAB OUTBOARD HINGES			
I certify that this aircraft has been inspected in accordance with an <u>ANNUAL</u> inspection and has been found to be in an airworthy condition. Date of repair on W/O # <u>3096</u> dated <u>11/29/86</u> are on file at this agency <u>John Miller</u> Authorized Signature				
FTI AVIATION, INC. 5401 INDUSTRIAL HIGHWAY GARY, IN 46406 CRS #78-25				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
ALTIMETER (S) PILOT'S <u>United</u> C/PILOT'S <u>2/1</u> ALTIMETER S/N <u>P1729</u> S/N <u>1/9</u> TESTED TO <u>20,000</u> FT. AS REQUIRED BY FAR 91.171 IN ACCORDANCE WITH FAR 43 APPENDIX "E" PARAGRAPH (b) DATED <u>4/9/87</u> JOLIET AVIONICS, INC. FAA REPAIR STATION #3159 CLASS III SIGNATURE <u>Doug Miller</u>		
STATIC SYSTEM TESTED THIS DATE <u>4/9/87</u> AS REQUIRED BY FAR 91.171 IN ACCORDANCE WITH FAR 43 APPENDIX "E" PARAGRAPH (a). JOLIET AVIONICS, INC. FAA REPAIR STATION #3159 CLASS III SIGNATURE <u>Doug Miller</u>		
AUTOMATIC PRESSURE ALTITUDE REPORTING SYSTEM TESTED AND INSPECTED AS REQUIRED BY FAR 91.171 IN ACCORDANCE WITH FAR 43, APPENDIX "E" PARAGRAPH (c). JOLIET AVIONICS, INC. FAA REPAIR STATION #3159 CLASS III SIGNATURE <u>Doug Miller</u>	DATE <u>4/9/87</u> MODEL <u>KY-76A</u> S/N <u>12741</u> TRANSPONDER TESTED IN ACCORDANCE WITH PART 43. APPENDIX "F" FOR COMPLIANCE WITH FAR 91.172 THIS DATE JOLIET AVIONICS, INC. FAA REPAIR STATION #3159 CLASS III SIGNATURE <u>Doug Miller</u>	

MAINTENANCE RELEASE

COMPONENT

Man. Fuel ^(LOW) SERIAL NO. 166885

PART/MODEL NO:

6331495

☐ Overhaul

☐ Repair

☐ Bench Ck & Test

☒ New

The Aircraft Appliance identified above was overhauled, repaired and bench tested, or is new as per block above in accordance with current Federal Aviation Administration Regulations and is approved for return to service. Details of this component are on file at this repair station under

Work Order #

33519

Date

9/16/87

Authorized Signature

[Signature]

DETAILS OF THE REPAIR ARE ON FILE AT THE REPAIR STATION UNDER W.O. 3382 DATE 10/2/87

BY

[Signature]

F T I AVIATION, INC.
46406 INDUSTRIAL HIGHWAY

Total To Carry Forward

Maintenance

CH 1164

FLOW

6331495

Registration No.

and Remarks

Signature

Certificate No.

- DATE 17 NOVEMBER 1987 TOTAL 1179.4
TACH 1179.4
1) INSPECTED ALL CABLES, PULLEYS, PUSHRODS, ROD ENDS, BALL JOINTS AND HINGES. AND LUBRICATED AS APPLICABLE
2) PERFORM LANDING GEAR RETRACTION TEST
3) CLEANED INSPECTED AND REPACKED BEARING.
4) ADJUSTED STABILATOR TRIM CONTROL CABLE
5) SERVICED BATTERY
6) CLEAN AND INSPECTED FUEL SCREEN

I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and has been found to be in an airworthy condition. Details of repair on W/O # 3441 dated 11/17/87 are on file at this agency *[Signature]*
Authorized Signature

F T I AVIATION, INC.
5401 INDUSTRIAL HIGHWAY
GARY, IN 46406
CRS #18-25

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
		DATE 2 OCTOBER 1987	TACH 1164	
		REPLACED MANIFOLD PRESSURE/FUEL FLOW INDICATOR WITH OVERHAULED UNIT PIN 6331485		
		S/N 160885		
		THE AIRCRAFT AND/OR COMPONENTS IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS. FOUND AIRWORTHY FOR RETURN TO SERVICE. FURTHER DETAILS OF THE REPAIR ARE ON FILE AT THE AGENCY UNDER W. O. 3382 DATE 10/2/87		
		BY <i>[Signature]</i> F T I AVIATION, INC. 5401 INDUSTRIAL HIGHWAY		
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
	TOTAL 1179.4	
DATE 17 NOVEMBER 1987 TACH 1179.4		
1) INSPECTED ALL CABLES, PULLEYS, PUSHRODS, ROD ENDS, BELLERANKS AND HINGES. AND LUBRICATED AS APPLICABLE		
2) PERFORM LANDING GEAR RETRACTION TEST		
3) CLEANED INSPECTED AND REPACKED BEARING.		
4) ADJUSTED STABILATOR TRIM CONTROL CABLE		
5) SERVICED BATTERY		
6) CLEAN AND INSPECTED FUEL SCREEN		
I certify that this AIRCRAFT has been inspected in accordance with an ANNUAL inspection and has been found to be in an airworthy condition. Details of repair on W/O # 3441 dated 11/17/87 are on file at this agency <i>[Signature]</i> Authorized Signature		
F T I AVIATION, INC. 5401 INDUSTRIAL HIGHWAY GARY, IN 46406 CRS #18-25		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	DATE 16 DECEMBER 1988		TACH 1274.84 TOTAL 1274.84
				1) INSPECTED AND LUBRICATE ALL CABLES PULLEYS PUSH RODS, ROD ENDS, BELCRANKS, AND KINKLES AS APPLICABLE
				2) PROGRAM LANDING GEAR RETRACTION TEST
				3) CLEANED INSPECTED AND REPACKED WHEEL BEARINGS
				4) REPLACE AND SWUNG MAGNETIC COMPASS
				5) REBUILT LIFT BRAKE CYLINDER
				6) TREAT CORROSION ON ENGINE MOUNT AND STABILIZER
				7) INSTALL OVERHAULED MANIFOLD PRESSURE GAGE
				8) LUBRICATE INSTRUMENT ENGINE CONTROLS
				9) REPLACED ECT BATTERY NEXT REPLACEMENT
				DUE 12/90
				10) REPLACED NOSE WHEEL STEERING ROLLERS AND ADJUSTED BELCRANK
				11) REPLACED SOTA BRAKE DISCS
				CONTINUED NEXT PAGE
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
DATE 16 DECEMBER 1988	TACH 1274.84 TOTAL 1274.84	
CONTINUED FROM PREVIOUS PAGE		
I certify that this <u>AIRCRAFT</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and has been found to be in an airworthy condition. Details of repair on W/O # <u>3706</u> dated <u>12/16/88</u> are on file at this agency <u>[Signature]</u> Authorized Signature F T I AVIATION, INC 5401 INDUSTRIAL HIGHWAY GARY, IN 46406 CRS #18-25		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	DATE 11 MAY 1990 TACH 1386.99 TT 1386.99		
	1) INSPECTED	ALL GEAR AND LUBRICATED ALL CABLE PULLEYS, PUSH RODS, ROD ENDS, BOULCRANKS AND HINGES AS APPLICABLE		
	2) CLEANED	INSPECTED AND REPAIRED WHEEL BEARINGS		
	3) PERFORMED	LANDING GEAR RETRACTION TESTS		
	4) SERVICE	BATTERY		
	5) SERVICED	BRAKES		
		I certify that this <u>AIRCRAFT</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and has been found to be in an airworthy condition. Details of repair on W/O # <u>4648</u> dated <u>5/11/90</u> are on file at this agency. <u>[Signature]</u> Authorized Signature F T I AVIATION, INC. 5401 INDUSTRIAL HIGHWAY GARY, IN 46406 CRS #10-25		
Total To Carry Forward				

and Remarks	Reads	Temp °C	Temp °C	Reads	Temp °C	Temp °C	Certificate No.
	1000	-20		25000			
	0	-10		30000			
	500	-40		35000			
	1000	-20		40000			
	1500	-20		45000			
	2000	-0-		50000			
	3000	-0-					
	4000	-10					
	6000	+15					
	8000	-40					
	10000	+60					
	12000	+60					
	14000	-30					
	16000	-30					
	18000	-20					
	20000	-25					
	22000	RMD					
	DATE	TESTED		INSPECTED			
		BY:		BY:			

SIGNED John C. [Signature] F T I AVIATION, INC.
 FAA REPAIR STATION C-18-25.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
26 Oct 1990	Brought Forward →	TACH 1455.10	TOTAL 1455.10	
	ADJUSTED NOSE WHEEL STEERING BELLCRANK TO WITHIN LIMITS .03. SERVICED NOSE WHEEL 35 psi + strut to 3". MAIN WHEELS 50 psi AND struts to 4.5". SERVICED Hyd. Reservoir.			
	THE AIRCRAFT AND/OR COMPONENTS IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER NO. 4193 DATE 26 Oct 1990 BY <i>Ma Rpp</i> AP 308829684 FT I AVIATION, INC. 5401 INDUSTRIAL HIGHWAY GARY, IN 46406 CRS #18-25			
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
14 Nov 1990 TACH TIME 1471.18 TOTAL TIME 1471.18		
REMOVED AND REPLACED NOSE GEAR DOWN LOCK Assy PIN# 38040002. REMOVED AND REPLACED UPLOCK STOP SCREWS WITH NEW. OPERATIONAL CHECKED GOOD. NO DISCREPANCIES FOUND.		
THE AIRCRAFT AND/OR COMPONENTS IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER NO. 4217 DATE 14 Nov 90 BY <i>Ma Rpp</i> AP 308829684 FT I AVIATION, INC. 5401 INDUSTRIAL HIGHWAY GARY, IN 46406 CRS #18-25		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Date: February 4, 1991	Brought Forward →	Tach 1479.42 TT 1479.42		
1) Removed Lorain Receiver Processor; Model 91 Type III				
P/N 2715357-1 S/N 91RA12576. Installed ^{loaner} unit S/N 91RA12510.				
2) Removed Nav/Com 2 KX 170B S/N 66370. Installed				
loaner unit KX 175B S/N 12599				
3) Replaced R/H flap static discharger.				
THE AIRCRAFT AND/OR COMPONENTS IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER W. O. 4272 DATE 2/4/91 BY Jake Lesinski A&P 352764495 F T I AVIATION, INC. 5401 INDUSTRIAL HIGHWAY GARY, IN 46406 ORS #19-26				
Total To Carry Forward				

Registration No. N8144U

and Remarks	Signature	Certificate No.
Date: March 29, 1991 Tach: 1484.32 TT: 1484.32		
Removed loaner Lorain Receiver Processor; Model 91 Type III P/N 2715357-1 S/N 91RA12510. Installed repaired unit S/N 91RA12576. F/T tested - O.K.		
Jake Lesinski A&P 352764495		
Date: April 25, 1991 Tach: 1500.96 TT: 1500.96		
Removed loaner Nav/Com. 2 KX 175B S/N 12599. Installed repaired unit KX 170 S/N 66370. F/T tested - O.K.		
Jake Lesinski A&P 352764495		
5/1/91 Tach: 1505.62 TT: 1505.62		
Removed Nav/Com. 2 KX 170B S/N 66370. Installed loaner KX 175B S/N 12599. F/T tested O.K.		
Jake Lesinski A&P 352764495		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
May 2, 1991	Brought Forward →	1505.62	Tach. 1505.62	
Removed Loran Receiver Processor, Model 91 Type III				
P/N 2715357-1 S/N 91RA12576 and Display, Model 91				
P/N 2715396-1 S/N 91D6661. Installed Loran				
units: Receiver S/N 91RA12510 & Display S/N 91D6621				
System F/T tested - O.K. Jake Lesinski A4P 352764495				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
Jun 1, 1991 Tach: 1520.73 TT: 1520.73		
1. Inspected and lubricated all cables, pulleys, push rods, rod ends, bellcranks and hinges as applicable.		
2. Cleaned inspected and repacked wheel bearings.		
3. Performed landing gear retraction test.		
4. Serviced battery.		
5. Replaced E.L.T. battery. Next replacement due Jul. 93.		
6. Replaced cabin fan switch.		
7. Treated corrosion on tail surfaces.		
8. Replaced vacuum relief filter.		
Continued next page.		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
Continued from previous page. TT: 1250.73				
9. Removed Loarner Lorar Receiver Processor, Model 91 Type III P/N 2715357-1 S/N 91RA12510 and Display Model 91 P/N 2715396-1 S/N 91D6621. Installed repaired and/or tested units: Receiver S/N 91RA12576 & Display S/N 91D6661.				
10. A.D.'s checked through 91-10.				
			I certify that this aircraft has been inspected in accordance with an <u>annual</u> inspection and has been found to be in an airworthy condition. Details of repair on W/O # <u>4272</u> dated <u>6-1-91</u> are on file at this agency. <u>W. Wayne Hughes</u> Authorized Signature	
			F T I AVIATION, INC. 1401 INDUSTRIAL HIGHWAY GARY, IN 46406 CRS #18-25	
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
Jun 25, 1991 TT: 1541.44 Removed banner Nav/Com 2 KX175B s/n 12599. Installed tested unit KX170 s/n 66370. F/T tested - satisfactory. Jack Lesinski ADP 352764495		
THE AIRCRAFT AND/OR COMPONENTS IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. FOR THE DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER W.O. _____ DATE _____ BY _____ F T I AVIATION INC 2401 INDUSTRIAL HIGHWAY GARY, IN 46408		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
SEPT 5, 1991	TT —	1564.57		
1) REPLACED ENGINE DRIVEN FUEL PUMP DUE TO INTERNAL LEAK — INSTALLED SN 916-010				
2) WELD REPAIR TO LOWER RIGHT CROSS BRACE ON ENGINE MOUNT. CLEANED AND RE-PAINTED				
THE AIRCRAFT AND/OR COMPONENTS IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER W. O. 4433 DATE 9-5-91				
BY <u>W. W. Taylor</u>				
F T I AVIATION, INC. 5401 INDUSTRIAL HIGHWAY GARY, IN 46406 CRS #18-25				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
<i>Tach time</i> 10-14-91 1588.19 - Replaced right main tire with new S.N. 9081N00491. Cleaned and repacked wheel bearings. Replaced left main tire with new S.N. 4298A00920. Cleaned and repacked wheel bearings. Replaced all engine rubber shock mounts with new Pper P.N. 470-644. Balanced prop.		
MAINTENANCE RELEASE THE AIRCRAFT AIRFRAME, 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 FOR THE WORK PERFORMED. PERMANENT RECORDS OF THE REPAIR ARE ON FILE AT THE REPAIR STATION UNDER WO # <u>5111</u> DATE <u>10-14-91</u> SIGNED <u>[Signature]</u> FOR COLUMBIA AIR SERVICES, INC. FAA CERTIFIED REPAIR STATION # S05R204N GROTON, CT 06340		

Airframe

LOG BOOK ENTRY

A/C REG: N8144N

A/C S/N: 8013046

DATE: 04-09-92

A/C TOTAL TIME: 1670.0

HOUR METER: 1670.0

W/O NO: 90227

ENGINE TOTAL TIME

S.M.O.H.

1. Complied with Piper service bulletin 946, Forward Left Fuselage Frame Inspection by inspecting the fuselage frame for cracks per Part I of the service bulletin. No cracks were noted at at this time. The inspection is due again in 100 hours at 1770.0.

-- End --

MAINTENANCE RELEASE

THE AIRCRAFT AIRFRAME, 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 FOR THE WORK ORDER NO. 90227. PERMANENT RECORDS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO # 90227. DATE 04-09-92 SIGNED *[Signature]* FOR COLUMBIA AIR SERVICES, INC. FAA CERTIFIED REPAIR STATION # S05R204N GROTON, CT 06340

Registration No. _____

and Remarks

Signature

Certificate No.

FLY AT			FLY AT		
TRUE	PILOT	CO-PILOT	TRUE	PILOT	CO-PILOT
-1000	1010		14000	13960	
0	0		16000	15940	
500	500		18000	17940	
1000	1000		20000	19920	
1500	1510		22000		
2000	1990		25000		
3000	2975		30000		
4000	3975		35000		
6000	5960		40000		
8000	7960		45000		
10000	10000		50000		
12000	11980				

ALTIMETER CORRECTIONS

COLUMBIA AIR SERVICES, INC.
FAA REPAIR STATION #S05R204N
WO# TA

I certify that the transponder/altimeter/static leak tests of FAR 91.411 and FAR 91.413 have been complied with in this aircraft. Also Paragraph (C) Appendix E Part 43 correspondence test has been complied with.
Altimeter #1 United 5934PD-1 S/NP1729
Altimeter #2 TransCal D120P2TS/N33197
Transponder #1 King KT 76A S/N 17741
Transponder #2
Date 5-19-92 Date Due 5-19-94
Signature *[Signature]*

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
6/8/92	Brought Forward →	1676.0		
Stripped and painted aircraft balanced all control surfaces, Jetglo High Gloss matt horn white, medium gray and oleomagrip stars + stripes blue. Changed N number from N8144N to N186CA				
Bill Maurice AS 2230492				
Total To Carry Forward				

Airframe LOG BOOK ENTRY

A/C REG:N186CA

A/C S/N: 8013046

DATE: 9-3-93

A/C TOTAL TIME: 1959.7

HOUR METER: 1959.7

W/O NO: 6023

ENG. TOTAL TIME: 4055.4

S.M.O.H.	273.1
----------	-------

1. Complied with annual inspection requirements using Piper inspection report P/N 230-1045 as a guide.
2. Complied with AD 93-05-10 Amend 39-8514 engine mount inspection para a and Piper SB 955. No cracks found at this inspection. Complied with para c and Piper SB 955 part III. Three additional rivits installed.
3. Complied with SB 856 stabilizer attach fitting inspection. Cleaned areas of inspection and added par-al-ketone.
4. Complied with Piper SB 946 forward left fuselage frame inspection. No cracks found.
5. Replaced left aileron static wick with new P/N 494-678.
6. Replaced right fuel tank drain valve with new P/N 492-100.
7. Removed nose wheel assembly, disassembled, cleaned and inspected wheel halves, repacked wheel bearings and replaced nose tire with new S/N 0108N00953. Reassembled wheel and installed on aircraft.
8. Replaced left outboard gear retract rod end with new P/N 452-368.

Airframe Con't

LOG BOOK ENTRY (CONT.)

Page 2 of 2

WO NO.

6023

9. Replaced both brake disc with new P/N 164-216 and new left brake pads P/N 66-62.
10. Complied with AD 76-07-12 Amend 39-2565 Bendix switch functional check. System functioned properly.
11. Replaced induction system filter P/N BA3 foam type.
12. Replaced defrost scat hose forward of the firewall.

---END---

COLUMBIA AIR SERVICES, INC.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #S05R204N. Work Order # 6023

I certify that this Airframe _____ has been
inspected in accordance with Annau inspection
and determined to be in airworthy condition. Pertinent

details of the inspection are on file at this facility.

Date 9-3-93 A/C Total Time 1959.7

Signature [Signature] Title Chief Inspector

LOG BOOK

A/C REG: N186CADATE: 6-9-92

A/C TOTAL TIME:

W/O NO: 80004

ENGINE TOTAL TIME

1. Installed and tested King K
2. Installed and tested 3M WX
3. Installed and tested Eventi
4. Installed and tested Norths
5. Installed and tested 6 Plac

MAINTENANCE RELEASE
THE AIRCRAFT AIRFRAME, ENGINE, PROPELLER OR APPLIANCE IDENTIFIED IN THIS LOG BOOK IS RELEASED TO THE AIRCRAFT OWNER FOR RETURN TO SERVICE FOR THE WORK PERFORMED. PERMANENT RECORD OF THIS RELEASE IS MAINTAINED AT THE FAA CERTIFIED REPAIR STATION FOR COLUMBIA AIR SERVICES, INC. DATE 6-9-92

NOMENCLATURE

MODEL

MFG. BY

K1525A
KING

PART

SERIAL

046-3046-01
32014☒ OVERHAULED☐ REPAIRED☐ FUNCTIONALLY TESTED ONLY

MAINTENANCE RELEASE

The aircraft component identified was repaired and/or inspected in accordance with current Federal Aviation Agency Regulations and was found airworthy for return to service, with respect to work performed. Pertinent details of the repair are on file at this agency under:

WORK ORDER

DATE

7-13-92

SIGNED

[Signature]

SERVICEABLE



7706 EAST OSIE
WICHITA, KS 67207
F.A.A. CRS OL2R0611



MID-CONTINENT INSTRUMENT CO., INC.

Airframe Con't

LOG BOOK ENTRY (CONT.)

Page 2 of 2

WO NO.

6023

9. Replaced both brake disc with new P/N 164-216 and new left brake pads P/N 66-62.
10. Complied with AD 76-07-12 Amend 39-2565 Bendix switch functional check. System functioned properly.
11. Replaced induction system filter P/N BA3 foam type.
12. Replaced defrost scat hose forward of the firewall.

---END---

COLUMBIA AIR SERVICES, INC.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #S05R204N. Work Order # 6023

I certify that this Airframe _____ has been
inspected in accordance with a Annul _____ inspectionand determined to be in airworthy condition. Pertinent
details of the inspection are on file at this facility.

Date 9-3-93 A/C Total Time 1959.7

Signature _____ Title Chief Inspector

LOG BOOK ENTRY

A/C REG: N186CA

A/C S/N: 32R-801346

DATE: 6-9-92

A/C TOTAL TIME:

HOUR METER: 1676.0

W/O NO: 80004

ENGINE TOTAL TIME

S.M.O.H.

1. Installed and tested King KCS 55A Compass System.
2. Installed and tested 3M WX 11 Stormscope.
3. Installed and tested Eventide Argus 5000 Moving Map.
4. Installed and tested Northstar M2V Loran.
5. Installed and tested 6 Place Intercom.

MAINTENANCE RELEASE

THE AIRCRAFT AIRFRAME, 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 FOR THE WORK PERFORMED. PERMANENT RECORDS OF THE REPAIR ARE ON FILE AT THIS
REPAIR STATION UNDER WO # 8004 DATE 6-9-92 SIGNED _____
FOR COLUMBIA AIR SERVICES, INC. FAA CERTIFIED REPAIR STATION # S05R204N GROTON, CT 06340

Airframe
LOG BOOK ENTRY

A/C REG: N186CA

A/C S/N: 8013046

DATE: 10-02-92

A/C TOTAL TIME: 1686.6

HOUR METER:

W/O NO: 90262

ENGINE TOTAL TIME 3782.3

S.M.O.H. 0 TSMO

1. Complied with annual inspection requirements using Piper Inspection Report P/N 230-1045 as a checklist.
2. Complied with AD 76-07-12 Amend. 39-2575 Bendix Switch Function Check. Old switch failed. Installed new switch P/N 10-357200-1 and tested system satisfactory. Next test due 1786.0 Tach.
3. Complied with Piper SB 946 Forward Left Fuselage Frame Inspection Part I. No cracks found. Next inspection due 1786.0 Tach.
4. Complied with Piper SB 955 Part I only. No crack on engine mount lower attach points found. Next inspection due 1786.0 Tach.
5. Complied with Piper SB 856 Stab. attach fittings. No corrossion found. Next inspection due at next annual 10/93.
6. Replaced right side nav. light bulb.
7. Replaced left aileron inboard rod end with new Piper P/N 452-335.
8. Replaced nose wheel bearings and races with new.
9. Installed new brake pads P/N 66-62 on right side.
10. Re-oringed left brake caliper and bled brake system as needed.

Page 1 of 2

LOG BOOK ENTRY (CONT.)

11. Adjusted landing gear over ride light switch to activate light when switch is put in the override position.
12. Installed new Gill G-35 battery.
13. Removed engine S/N L-20047-48A due to internal failure. Removed engine mount assembly, cleaned, stripped, inspected and repainted. Reinstalled mount with new attach bolts. Installed Textron Lycoming overhauled engine S/N L-17159-48A. All flexible fluid carrying lines forward of the firewall replaced with new.
14. Prop S/N DY1001 was removed and sent to New England Propeller Service for repairs. See Prop logs and Form 337 for repair details.
15. Installed overhauled prop governor S/N D35U and overhauled oil coolers S/N 79A-1292 and 79A-1291.

WO NO.

90262

COLUMBIA AIR SERVICES, INC.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station # S05R204N. Work Order # 90262

I certify that this airframe has been
inspected in accordance with an annual inspection
and determined to be in airworthy condition. Pertinent
details of the inspection are on file at this facility.

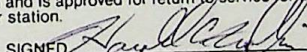
Date 10-02-92 A/C Total Time 1686.6
Signature [Signature] Title Inspector

Page 2 of 2

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
6-30-93	Brought Forward →			A.T.T. 19172 Replaced E.L.T. Battery with new. Replacement date for battery is now 7-95. Removed both main wheels, cleaned, inspected, and repacked wheel bearings. Replaced Tires left S.N. 3021N00911 right S.N. 3022N00660 and reinstalled wheels.
MAINTENANCE RELEASE THE AIRCRAFT AIRFRAME, 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 FOR THE WORK PERFORMED. PERMANENT RECORDS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO # 5957 DATE 6-30-93 SIGNED <i>[Signature]</i> FOR COLUMBIA AIR SERVICES, INC. FAA CERTIFIED REPAIR STATION # S05R204N GROTON, CT 06340				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
10/27/93 TACH+ACT 1989.26		
REPLACED NOSE LANDING GEAR DOWN SWITCH & RIGGED, ADJUSTED NOSE GEAR ACTUATOR ROD END, WORK DONE IAW. PA 32R-301 M/M, AIRCRAFT OK FOR RETURN TO SERVICE.		
	<i>Duke Ball</i>	AP434780931
11/09/93 N-186CA Piper PA-32R-301 S/N 32R-8013046 Tach:2003.14		
Removed Bendix/King KI-525A HSI indicator, P/N 066-3046-01, S/N 32014. Unit sent to Mid-Continent Instrument Co., Inc. for testing/repair. For further details see their attached SERVICEABLE tag. Unit was reinstalled and function checked on the ground, unit checked good.		
The Aircraft/Appliance identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Performed details of the work performed are on file at this repair station.		
 SIGNED <i>Paul McCall</i> BLOOMINGTON AVIONICS, INC. BLOOMINGTON, ILLINOIS 61704	W.O.# 7239	DATE 11/9/93
	BLOOMINGTON-NORMAL AIRPORT REPAIR STATION MB5R035N	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12-02-93	N-186CA	Piper PA-32R-301	S/N 32R-8013046	TT:2026.67
Removed Bendix/King KI-525A HSI Indicator, P/N 066-3046-01, S/N 32014. Unit sent to Mid-Continent Instrument Company, Inc. for testing repair. For further details see their attached SERVICEABLE tag. Unit was reinstalled and function checked on the ground, unit checked good. Also at this time Flitecard was Exchanged in M2V Northstar, S/N U15039, unit ramp checked good. The Aircraft/Appliance identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. Performed details of the work performed are on file at this repair station.  SIGNED <i>[Signature]</i> BLOOMINGTON AVIONICS, INC. BLOOMINGTON, ILLINOIS 61704 W.O.# 7229 DATE 12/2/93 BLOOMINGTON-NORMAL AIRPORT REPAIR STATION MB5R035N				
12/28/93	TT 2030.6	COMPLETED WITH AD 93-05-10 BY		
INSTALLING ENGINE MOUNT DRAG LINK KIT NO. 766-253				
JAW SB 955 PART II, NO FURTHER ACTION REQUIRED.				
Total To Carry Forward		OK FOR RETURN TO SERVICE. Duke Ball AP484780931		

Registration No. _____

[illegible]

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
26-1-94	Brought Forward →			FWD 2 H. TRIM ADJUSTED
05/19/94	TACH & TT 2094.42			
	REPLACED THE FOLLOWING PARTS IN LEFT & RIGHT MAIN LANDING GEAR: 67026-012 BUSHING, 65003-041 BUSHING, 400-761 BOLT, 402-927 BOLT, 14843-016 BUSHING, 402-960 BOLT, 65003-044 BUSHING, 452-368 BEARING, 67026-007 BUSHINGS, 453-721 BUSHING, 402-312 BOLT, 402-345 BOLT, 402-344 BOLT, PERFORMED SATISFACTORY GEAR RETRACTION, OK FOR RETURN TO SERVICE.			
Total To Carry Forward				Duke Ball AP484780931

Registration No. _____

and Remarks	Signature	Certificate No.
CABLE REPLACE. ELECT TRIM		
I have conducted an inspection for conformance to the Type of a Flight/Powerplant Controls that were affected by the work completed.	Alan Chandler 171-92	26/1/94
13 July 94 TACH. 2098.36		
Replaced The Hydraulic Power Pack with A Overhauled unit Part # Hyc5005 Ser.# AH-3843 work order # AH-4535 FUNCTIONAL & Pres. Test. OK		
Good. OK for return to service.		
		AP34950/658

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
10/05/94	TACH & ACT	2146.85		PERFORMED ANNUAL INSPECTION
	IAW PIPER PA32R-301 CHECKLIST. INSPECTED STRUCTURE OF EMPENNAGE			
	FUSELAGE, WINGS & INTERIOR, INSPECTED LANDING GEAR, WHEELS & BRAKES			
	PERFORMED SATISFACTORY GEAR RETRACTION. CHECKED OPERATION OF ALL			
	LIGHTS, ELECTRICAL SYSTEM & SERVICED BATTERY, ELT DUE 7/95. AIRCRAFT			
	FOUND OK FOR RETURN TO SERVICE.			
	I certify that this aircraft has been inspected in accordance			
	with ANNUAL inspection and was determined to be			
	in airworthy condition.			
	Total Time	2146.85	Date	10/05/94
Total To Carry Forward		Deke Ball ZA484780931	Frasca Air Services, Urbana, IL 61801	

Registration No. _____

and Remarks	Signature	Certificate No.
Oct. 19, 1994. Tach Reads 2159.29 Hours.		
The <u>alt</u> altimeter has been tested in accordance with FAR 43, appendix E, para (b) to an altitude of <u>20,000</u> feet MSL.	The <u>alt</u> static pressure system has been inspected and tested in accordance with FAR 43, appendix E, para (a), to an altitude of <u>1,000</u> feet AGL on <u>10-19-94</u>	
Make <u>United</u> Model <u>593401</u> s/n <u>P1729</u> TSOC <u>106</u>	Signed <u>William J. Coleman</u>	<u>10</u>
Refer to W.O. <u>8771</u> Dated <u>10/19/94</u>	Byerly Avionics, Inc.	Repair Station BOE25480
Signed <u>William J. Coleman</u> for		
Byerly Avionics, Inc.		
Repair Station BOE25480		
The Altitude Reporting System has been tested to an altitude of <u>20,000</u> feet MSL in accordance with FAR 43, appendix E, para (c). Refer to W.O. <u>8771</u> Dated <u>10/19/94</u>	Make <u>KING</u> Model <u>K-764</u> s/n <u>17741</u>	The ATC transponder tests and inspections required by FAR 43 appendix F were performed.
Signed <u>William J. Coleman</u> for	TSO <u>C748</u> Class <u>1</u>	
Byerly Avionics, Inc.	Signed <u>William J. Coleman</u> for	
Repair Station BOE25480	Byerly Avionics, Inc.	
	Repair Station BOE25480	

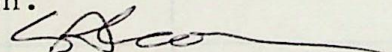
AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
26 Sep. 95	Brought Forward →	TACH. 2277.3		
		Removed INOP. VAC. Pump and replaced		
		with a Rapco O'Hareid Pump.		
		model # 211CC, Serl. # 58410.		
		work order # 58410. Ground run.		
		+ OPS. check good. OK for return to		
		Service.		
		Brian E. Smith A & P 336689580		
Total To Carry Forward				

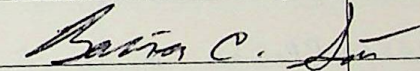
Registration No. _____

and Remarks	Signature	Certificate No.
Tach Time 2177.17 The aircraft, airframe, interior or appliance identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of the repair are on file at the repair station under: Work Order No. 102894-1 MR 2, 1995 Mary J. Newman Date _____ Signed _____ # 3288634 FOR: CUSTOM AIRCRAFT INTERIORS BY M.J. REPAIR STATION NUMBER JH5R962M 3832 AVIATION WAY • MT. COMFORT AIRPORT GREENFIELD, INDIANA 46140-9998 Removed & Replaced Headliner, Carpet, seat coverings, and side panels. Mats, most Vertical & Horizontal Beam Test Adh. Are on File At this station		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
10-15-95	Tach	2281	T.T.	
Preformed Annual Inspection in accordance with Riper Inspection Report P/N 230-1045 to include the following maintenance tasks: 1) Replaced P/N 754-633 Nose Spinner. 2) Replaced Trim Tab Hinges. 3) Replaced ELT Battery -- ELT replacement battery due 12-97. 4) Performed ELT Check per FAR 91.207(d). 5) Preformed landing gear retraction. 6) Replaced nose gear rollers P/N 63900-109. 7) AD 76-07-12 due 2381 T.T. 8) AD 93-02-05 due 2381 T.T. I certify that this aircraft has been inspected in accordance with a Annual Inspection and was determined to be in airworthy condition.  S.C. Alcorn A&P 406803746 I.A.				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
3 June 96 TACH 2403.07		
INSTALLED LAPRESTI SPEED MAX KITS.		
2- SPEED SPLITTER FLAP BRACKET FAIRINGS		
2- Flap Gap Seals		
3- main landing gear FAIRINGS.		
all work was done in accordance with LAPRESTI		
INSTALLATION INSTRUCTIONS & Drawings. REF. F.A.A		
Form 337, 		
A&P 336689580		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
3 June 96	Brought Forward →	TACH. 2403.07		
		INSTALLED new cabin windows. Parts		
		Provided By Great Lakes Aero Products		
		Part # W/G-2135-187-LH, W/G-2138-187-RH,		
		W/G-2137-187 LH, W/G-2138-187 LH, W/G-2133-187		
		W/G-2135-187-RH, W/G-2132-187, W/G-2137-187 RH.		
		all work was done in accordance		
		accordance with Piper service manual.		
		<i>Barton C. Lee</i>		
		AHP 336689580		
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
June 14, 1996 Tach 2413.01 Repaired wiring for Co-pilot's Courtesy light. Installed new rheostat, # 456732, for pilot's dome light. Replaced nose baggage door seal. Adjusted cabin door upper lock. Lights checked OK.	Thomas R. Hyl	313921498IA

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1

Repair Station #NF2R029L

AIRFRAME LOG

Type PIPER

PA32R-301

TT

N # 1860A

S/N 32R-8013046

REC. HR. METER 2448

Replaced the nav light/dimmer assy. Tested for proper operation.

The aircraft, engine, appliance, or component identified was repaired & 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 W.O. # 2862

Date 7-19-96 Signed

Don F. Robinson

For

Joliet Avionics, Inc. DuPage Airport, W. Chicago, IL 60185

F.A.A. Approved Repair Station #NF2R029L

Total To
Carry For

Registration No. _____

and Remarks	Signature	Certificate No.
11/5/96 Tach 2517.21 TIAF 2517.21 Imports lubed entire airframe. Serviced battery. Repacked all wheel bearings. Checked all lights. Cleaned fuel strainer. Replaced DME Antenna. Adjusted nose wheel steering. Installed SYMTEC, Inc Model AL3236 Engine Preheats: FAA-PMA Part. Serviced hydraulics. Green check Normal & Emergency. OK. CIWAD. 76-07-12 Next Due TIAF 2617.21. CIWAD. 93-02-05 Next Due TIAF 2617.21. ELT Inspected IAW FAR 91.207(d). Exp 12/97. CIWAD 96-10-03 by <i>I certify that this aircraft has been inspected in accordance with Annual inspection and was determined to be in airworthy condition.</i> Total Time 2517.21 Date 11/5/96 <i>Thomas J. Flax</i> Frasca Air Services, Urbana, IL 61801 SB. 965. 313921498IA		

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1
Repair Station #NF2R029L AIRFRAME LOG
Type PIPER PA32R-301 TT
N # 186CA
S/N 32R-8013046 REC. HR. METER 2627

Installed the missing segment of baggage door seal and reattached the cabin door seal. N/C

Alternator output weak-

Tested the alternator diodes failing. Installed an exchange Electrosystems alternator P/N ALY6421, S/N 6121766 and retested the system. Operation was correct. Found a .7 volt error in the Davtron indicator.

The aircraft, engine, appliance, or component identified was repaired & 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 W.D. # 4001 Date: 7-18-97

Signed: LEONEL C. FRITZ *Leonel C. Fritz* For
Joliet Avionics, Inc. DuPage Airport, W. Chicago, IL 60185
F.A.A. Approved Repair Station #NF2R029L

Registration No. _____

and Re

Signature

Certificate No.

Joliet Avionics

DuPage Airport

West Chicago, IL 60185

Date: 10/8/96

N#: 186CA

WO#: 164090

Tested Altimeter(s), Altitude Reporting and Static System(s) in accordance with Part 43, Appendix "E" for compliance with FAR 91.411 and FAR 91.217.

Pilot's Altimeter P/N 5934P-1 S/N P1729 Range 20K

Co-Pilot's Altimeter P/N _____ S/N _____ Range _____

Date: 10/8/96 Model: KT-76A S/N: 17741

Transponder Tested in Accordance with Part 43, Appendix "F" for compliance with FAR 91.413 this date.

F.A.A. REPAIR STATION #NF2R029L, Class III.

Signature

Doug Hall

Inspector

AIRCRAFT LOG

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 1

Repair Station #NF2R029L Reading AIRFRAME LOG

Type PIPER PA32R-301 TT

N # 186CA

S/N 32R-8013046 REC. HR. METER 2505

Replace cabin door seals-

Removed the front cabin door and aft baggage doors. Removed all old seals and glue rom the doors. Installed new type Piper door seals P/N's 189139 and 65692002. Installed new type door jam snubbers P/N's 36722004, 36722008, and 36722-009. Reassembled the doors, reinstalled and adjusted for proper operation. Found the forward baggage door lower latch stuck in the door. Removed the interior panel and found the latch pin frozen in the door and cables dry. Lubricated the pin and freed. Checked the the door for proper operation.

Touch up aircraft paint as necessary-

Noted abraded and chiped areas in the white, blue and gray colors. Painted the dorsal fin fairings. Painted and blended the outer wing tips and leading edges. Stripped and repainted the fuel caps and wheel covers. Touched up cowl fasteners, and other attaching hardware on the aircraft.

Alternator fail light is dim during test-

Removed the fail light assy. Tested and replaced the

Reaistration No.

J A AIR CENTER DuPage Airport/WestChicago, IL. 60185 P 2

Repair Station #NF2R029L AIRFRAME LOG

Type PIPER PA32R-301

TT

N # 186CA

S/N 32R-8013046

REC. HR. METER 2505

isolation diode. Cleaned the connecting plug and light assy grounds. Reinstalled and tested normal.

The aircraft, engine, appliance, or component identified was repaired & 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 W.D. # 3095

Date 10-11-96 Signed *Russ F. Schmitt* For
Joliet Avionics, Inc. DuPage Airport, W. Chicago, IL 60185
F.A.A. Approved Repair Station #NF2R029L

Certificate No.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12/12/97	Brought Forward →	TTAF/Tach 2709.4	Inspected Airframe	
			Lubed all controls. Checked lights. Serviced battery.	
			Replaced left main gear flexible brake line. Replaced right oileron rod ends. Installed new ELT Battery Exp.	
12/99			Inspected ELT TAW FAR 91.20760. Replaced brake linings on both mains. Repacked all wheel bearings.	
			Replaced all trim tab hinges, links + bushing. Hydraulic power pack removed and O/H by Aero Electric. Installed + serviced. Landing gear opst check normal + emergency. CTA 95-26-13 by replacing all	
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
oil cooler hoses with new teflon hoses, Type "D". Next inspection due. 8 years. or 1000 hrs. Replaced Central Vacuum filter. + garter filter.		
I certify that this aircraft has been inspected in accordance with annual inspection and was determined to be in airworthy condition.		
Airborne		
Air Filter Change Reminder		
Changed at: 2709 Hrs. 12/13/97 Date	Next Change: _____ Hrs.	
		
	Total Time 2709.4 Date 12/12/97	
	Thomas Lloyd	
	313521498IA	
	Frasca Air Services, Urbana, IL 61801	

Tach time now
307.16

when the engine
was installed
4.0

CRAFT LOG

Recorder Reading	Maintenance
289.1 TIAF 2809.1	
Installed Overhaul	
50 ⁵ / ₁₆ L-16361-484 and	
Propellor Model Number	
990523. See engine log	
aft has been inspected	
and found to be airworthy for flight	
under a special flight permit issued by	
Thomas A. Bartels of the Kansas City, FAA Office	
Number ACE-FSDO-05. Thomas Lloyd	
Total To Carry Forward	313921498IA

Registration No. _____

and Remarks	Signature	Certificate No.
4-11-99. Tach ^{2811.68} 2809.1 TIAF ^{2811.68} 2809.1 PL		
Removed tach. Installed new Horizon		
Instrument, Inc. Model P-1000 Electronic		
Digital Tachometer. Tach reads "0.0" at		
this time. See 337 for installation.		
Removed tach cable. Plugged accessory case		
port. Opt check O.K. Thomas Lloyd		
	313921498IA	
4-28-99 Tach 2.0 T 2814.26 approved for ferry flight		
to B.M.I. Thomas Lloyd	313921498IA	