

AIRCRAFT LOG

36716



AMERICAN AIRCRAFT SUPPLY, INC.
10714 S. Broadway, Suite 100, Dallas, TX 75244
(214) 341-1000 (800) 341-1000

LOG BOOK ENTRY

DATE OF ENTRY Jan 1996

REPLACEMENT DATE

50

UNITED INSTRUMENTS, INC.

SCALE CORRECTIONS

Alt Reads	Add Algebraically	
	Room Temp $\circ C$	Low Temp $\circ C$
-1000	+5	
0	0	
500	-10	
1000	+5	
1500	0	
2000	+10	
3000	+10	
4000	+5	
6000	0	
8000	0	
10000	+10	
12000	+5	
14000	-5	
16000	-15	
18000	-30	
20000	-30	
22000	-35	

DATE _____

TESTED

BY:

MAR 27 1978

CE

ALTIMETER SER. NO M8806

[illegible]

INSPECTED

BY:

LG

AIRCRAFT DESCRIPTION

Registration No. N36716

PA-3ART-300T

Popular Name: Turbo Lance II

32R-7887068

Type Certificate No.: A350

SEE WEIGHT AND BALANCE

Engine Manufacturer: Lycoming

Propeller Manufacturer: Hartzell

Original Engine Model: TIO-540-S1A1

Original Propeller Model: HC-E2R-1BF

Serial Numbers: Single L-5452-61A

Hub or Serial Number: Single DK1185

Left _____

Left _____

Right _____

Right _____

Blade Numbers

Left

Right

D93705

D58554

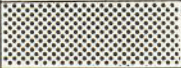
(See Log for Details)

[illegible]

COMPLIANCE WITH FAA AIRWORTHINESS DIRECTIVES

A. D. No. and Date	Method of Compliance (See Log for Details)	Time on Aircraft	Date of Compliance	Signature and Certificate No.
78-22-07	CONTROL COLUMN STOP MOD. BY INST. OF KIT # 763895	35	12-21-78	K.R. Oberlin DAP 14474
79-13-9	Fuel line to Press. Sucker	205	9-6-79	J.S. Kirtland 1807820
79-13-Emergency	Exhaust Coupling REMOVED H12	150	8-9-79	"
78-23-1	Fuel drain cover	401	3-20-80	"
79-26-5	Metal base N/A	401		"
79-26-4	Replaced Rubber skin	471	6-17-80	"
79-13-4	Fuel leak, No vent hoses	471	6-17-80	++
80-14-01				

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 <u>JUN 30 1978</u> I/A/W FAR 21.183(a) PER 21.273. <i>[Signature]</i> FAA DOA SO-1	
			THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR PART 91.170 HAVE BEEN PERFORMED. THE ALTIMETER(S) HAVE BEEN TESTED TO <u>35,000</u> FT. ON (L) <u>3-27-78</u> (R) <u>UA</u> SIGNED <i>[Signature]</i> DATE <u>JUN 30 1978</u>	
JUN 30 1978	2.97			
Total To Carry Forward		2.97		

Registration No. N 36716

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 I.		
1. Make <u>Collins</u> Model <u>TDR 950</u> S/N <u>7535</u>		
2. Make _____ Model _____ S/N _____		
Details of this inspection are on file at this facility under		
S/N <u>7887068</u> Date <u>6-21-78</u>		
Q. A. Inspector <u>J. S. McArthur</u>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
DEC 21 1978	TACH-35			COMPLD WITH AD 78-22-07 - PIPER SERVICE BULLETIN NO. 619 BY INSTALLATION OF KIT # 763895
REDWOOD AVIATION ENTERPRISES SONOMA COUNTY AIRPORT 2238 Airport Blvd. Santa Rosa, CA. 95401				
Total To Carry Forward				

Registration No. N36716

and Remarks

Signature

Certificate No.

DATE JUNE 5-79 TACH 50-8
 REMOVED ALL FAIRINGS AND COVERS. INSPECT AIR-
 FRAME AND ALL SYSTEMS. SERVICE BRAKES, BAT-
 TERY AND LANDING GEAR. LINES, CONTROLS, RE-
 ASSEMBLE AND FUNCTIONAL TEST ALL SYSTEMS.
 I certify that this aircraft has been inspected in ac-
 cordance with a ~~year~~ annual inspection and was
 determined to be airworthy.

AI 1313703 Joe Rizz
 REDWOOD AVIATION SANTA ROSA, CALIF.

SITELL 50 W

CHAMP FILTER

HOIST A/C SER. GEAR

REPAIR SMALL HYD LEAK

IN SIDE PANEL. SER.

AUTO PILOT. INSTALLED

NEW HSI GYRO

DIFFERENTIAL COMPRESSION TEST

#1 #2 #3 #4 #5 #6

80 80 80 80 80 80

75 75 75 75 75 75

Registration No. N 36716

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 I.		
1. Make <u>Collins</u> Model <u>TDR 950</u> S/N <u>7535</u>		
2. Make _____ Model _____ S/N _____		
Details of this inspection are on file at this facility under		
S/N <u>7887068</u> Date <u>6-21-78</u>		
Q. A. Inspector <u>J. S. McArthur</u>		

Registration No. N36716

and Remarks

Signature

Certificate No.

DATE JUNE 5-79 TACH 50-8
 REMOVED ALL FAIRINGS AND COVERS. INSPECT AIR-
 FRAME AND ALL SYSTEMS. SERVICE BRAKES, BAT-
 TERY AND LANDING GEAR. LINES, CONTROLS, RE-
 ASSEMBLE AND FUNCTIONAL TEST ALL SYSTEMS.
 I certify that this aircraft has been inspected in ac-
 cordance with a ~~year~~/annual inspection and was
 determined to be airworthy.

AI 1313703 Joe Rizz
 REDWOOD AVIATION SANTA ROSA, CALIF.

SITELL 50 W

CHAMP FILTER

HOIST A/C SER. GEAR

REPAIR SMALL HYD LEAK

IN SIDE PANEL. SER.

AUTO PILOT. INSTALLED

NEW HSI GYRO

DIFFERENTIAL COMPRESSION TEST

#1 #2 #3 #4 #5 #6

80 80 80 80 80 80

75 75 75 75 75 75

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
6-21	Brought Forward →		60	
	INSTALL KING KN 62 DME, & AND AEROSONICS DIGITIZER ALTIMETER EQUIPMENT LIST, WEIGHT AND BALANCE REVISED.			
	P.L. Nielsen AP 1906206			
	REDWOOD AVIATION ENTERPRISES			
	SONOMA COUNTY AIRPORT			
	2238 Airport Blvd.			
	Santa Rosa, CA. 95401			
Total To Carry Forward				

Registration No. _____

and Remarks

Signature

Certificate No.

THE ALTIMETER AND STATIC SYSTEM
TESTS REQUIRED BY FAR PART 91.170
HAVE BEEN PERFORMED. THE ALTIMETER(S)
HAVE BEEN TESTED TO 25,000 FT.

TESTED BY (R) _____
SIGNED P. L. Nielsen DATE 6/21/79

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:

Make COLINS Model TDR-950 S/N 7535

Details of this inspection are on file at this facility under

R.O. _____ Date 6-21-79

Inspector P. L. Nielsen

REDWOOD AVIATION ENTERPRISES
AIR AGENCY CERTIFICATE #407-15

AIRCRAFT LOG

79-13-3 79-13-4 fuel tank
tiebo

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8-20-79	Brought Forward →	2655		I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. JAMES S. KEPPORD A&P 1807820 IA Adjusted baggage door and windows. Replaced B. G. (1)
8-9-79		150		I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. JAMES S. KEPPORD A&P 1807820 IA <u>Aircraft Lub. & oil</u>
Total To Carry Forward				

Entered in James S. Keppord
Error Ac P 1807820

and Remarks	Signature	Certificate No.
Inspected complete axle frame lubed all points cleaned spring in LH Best Assembly, Greased and inspected all wheel bearings, cleaned fuel screen tank, cleaned all sump drains, washed belly all torque link bushings C.W. A.D. 69-22-2 Presall		
Completed Brake retraction test, Greased & Insp all wheel bearings, C.W. A.D. 79-13-3 ^{inspected by} Presall ABCD H in 807-134 new line on order, Inspected complete points washed belly, Removed Ekt for AD 79-5-3 James S. Bepko		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
9-6-79	Brought Forward →	205		Replaced ASI installed CIV AD 79-13-4 Proc A, B, C
9-21-79		220		Installed Hobbs Meter on engine
10-11-79		261		Replaced R. Main tire
11-6-79		274 274	242	CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORD- ANCE WITH A 100hr. Replaced INSPECTION AND WAS DETERMINED Checked TO BE IN AIRWORTHY CONDITION. JAMES S. KEPTOR A&P 1807820 IA Retract spring.
12-19-79			328	Replaced nose tire
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
SN 5779, removed SN 4569		
James A. Bayford	James A. Bayford	
James A. Bayford	H&P 1807820	
James Bayford	H&P 1807820	
at Cape King, serviced battery & Reels Recharge		
and service, Lubed Landing, performed extraction		
and moved mixture cable away from N.G.		
James A. Bayford	H&P 1807820	
James A. Bayford	H&P 1807820	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1-10-80	Brought Forward →		276 ^{Hobbs}	CW AD 79-26-4 ON ORDER.
2-11-80		355	300	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORD- ANCE WITH A 100hr. INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. JAMES S. KEPPORD A&P 1807820 IA greased & inspected
Total To Carry Forward				

	Signature	Certificate No.
Run 2 on seats in ladder Kit 763-9401 James B. Bayfield HEP 1807820		
Run 2 on seats in ladder, Adjusted nose gear uplock with closed fuel screen, greased landing gear fuel extraction, Replaced landing life and bearings, serviced brake reservoir		
James B. Bayfield HEP 1807820		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
3-20-86		401		AD 78-23-1 PW Pacer Hoses
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
AD 79-26-5 N/A does not have Recessed Metal James A. Sanford ADP 1607820		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
4-3-80	H0685 350	INSTALLED		TURN CORD. SN 759-67
		IN PLACE		OF TURN CORD. SN 784-531
				I am in call
6-17-80		471	405	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORD- ANCE WITH A <u>Annual</u> <i>Inspected</i> INSPECTION AND WAS DETERMINED <u>A P</u> TO BE IN AIRWORTHY CONDITION. JAMES S. KEEFER, A&P 1802820 IA <i>LAW</i> <i>Examined pilot seat B&K</i> <i>Voltage Regulator Man</i> <i>brushes CORD 74-26-4, 8</i>
Total To Carry Forward				

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
6-18-80		471		Replaced Voltage
7-8-80		448	428	Replaced Left & Right
3-4-81	HOBBS	505		100 hr insR checked com 12
				80-20-05 no defects
				I certify that this
				is approved for return
3-21-81	HOBBS	505		TACH check TACH Rnds
4-27-81	HOBBS ^{TAC}	628:55		installed service kit #
				run & checked oil
Total To Carry Forward				

Registration No. _____

Task/Remarks	Signature	Certificate No.
Regulator	James S. Byrd	A1407826
Retraction Rod Ends	James S. Byrd	A1407826
STRUCTURE 40 retraction c/w AO 80-24-03, 80-24-03 NA. 80-141-01 Draw, 77-26-04 JOCW. Aircraft has been insp LAW A100 hr Insp and in service. R Tremain LA 1439857		
100 RPM LOW at all settings	R Tremain	LA 1439857
Newtach. cable and Fe routed per instructions	R Tremain	LA 1439857

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance	and R
	This Date	Total			
July 2, 1981	Brought Forward →	649.4	649.4	Replaced Nose and both 78-23-01 by insp Reservoirs. Service Aircraft has been msp. in Annual check and was in airworthy condition return to Service	serv better
Total To Carry Forward					

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →	717.85		
12-4-81		R+R RUDDER THIS DATE		
		E HNT		
		20146981A		
Date 8-26-82	Total Aircraft Time 720.4	I certify this		
AIRCRAFT has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition.				
Signature E HNT	A&P No. 20146981A			
	R+R PREP FOR O/H, R+R THROT,			
	CONTROL, RAR LT. BRAKE			
	LININGS			
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TEST REQUIRED BY F.A.R. PART 91.71 AND 91.72 HAVE BEEN PERFORMED IN ACCORDANCE WITH F.A.R. PART 43 APPENDIX E AND F. THE ALTIMETER HAS BEEN TESTED TO		
20,000 _____ FEET.		
HUGHES AVIATION SERVICES 2772 RANCHO ROAD LAS VEGAS, NEVADA 89106		
FAA APPROVED REPAIR STATION 466-06		
WORK ORDER <u>2-1607</u> DATE <u>03-15-83</u>		
AUTHORIZED SIGNATURE <u>James A. Horton</u>		
REF M8806		
S.C. 115399		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
1-10-84	Brought Forward →	856.01		
I CERTIFY THIS AIRCRAFT HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION <u>AD 83-22-04 DUE BY 906.0 HRS</u> <i>incorrect entry Servo M/R</i> <i>By R3-88 Rev. 83</i> <i>Johnson</i> 20146981A				
2-13-84	Replaced diaphragm in auto-intension air valve.		Tomme	
Total				
Carry Forward				
			ADD 1938116	

and Remarks	Signature	Certificate No.
2-2-95 1028.4 Total Time - 100 hr inspection completed Serviced Brake hydraulic Res. - Serviced Battery - Grease wheel bearings - Service & Lubricate Landing gear - check fuel screens - Inspect all brakes, lights, cables, pulleys, surfaces & controls for operation, attachment security - Replaced ELT Battery (00-60-13) due Aug 86 - Replaced induction filter 560-747 per AD 84-26-02 due 1528 hrs Replaced vacuum system filter - Retraction test completed Replaced skin on Rudder Assy. w/ P/N 73928-002 AD 79-26-04/ 81-23-01 inspection - AD 81-24-07 Piper FL 927 at close - parts on order ————— next page —		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
2-2-85	Brought Forward →	1028.4	- cont -	Replaced wastegate control cable PW 16019 - End
	I certify this aircraft has been inspected in accordance with <u>Annual</u> inspection and was determined to be in air-worthy condition.			
	Total Time <u>1028</u>		John K. D IA 2003776	
4-3-85	1046	AD 81-24-07	Kit 764-135 V	installed per Piper 5L & kit instructions with parts provided in kit - End - Jay Johnson
Total To Carry Forward				AT 585629295

Date/Remarks	Signature	Certificate No.
2-4-85 Replaced all three tires & nose tube. Tech 1155. <i>Tomme ATP1938116.</i>		
2-4-86 Tech 1169 hrs - 100 hour inspection completed - Service Brake reservoir - Service Battery - clean, check grease all wheel bearings - Service & lubricate landing gear - clean fuel screens - check all brakes, lights, cables, pulleys, surfaces & controls for operation, attachment & security - ELT operation checked - ELT Battery due replacement 2-4-86 - Replace all brake linings P/N 66-62 - Replace left fuel pump drain seal - _____ Conf _____		

MAINTENANCE RELEASE

COMPONENT NSD SERIAL NO. 5271

PART/MODEL NO. SD 136-1333

☒ Overhaul ☐ Repair ☐ Functional Test ☐ New

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

Work Order # 178622 Date 2-13-86

Authorized Signature [Signature]

Maintenance

*panel - Retraction test completed - service
hydraulic power pack - Test flight & return to service.*

End

I certify this aircraft has been

inspected in accordance with Annual
inspection and was determined to be in air
worthy condition.

Total Time 1169

Jack Tierrel
IA2003776

Total To
Carry Forward

*W 7823-01 fuel drain
assy. insp.*

and Remarks	Signature	Certificate No.
2-20-87 Tech 1299 - 100 hour inspection completed - Inspect brake hydraulic reservoir - Service battery - Check & grease all wheel bearings - Service & lubricate landing gear - clean fuel screens - check brakes, lights cables, wings, surfaces & controls for operation, attachment & security - ELT operation checked - ELT Battery replaced - air replacement date Jan 89 - PW fuel drain insp. per AD ⁷⁸⁻²³⁻⁰¹ 78-23-01 78-23-01 - Remove & replace left & right windshield - Replace retract air cable - install ammeter kit PW 765-186 per 80-86-17-01 SB 811 - Retractor test completed - hydraulic		
next page		7

AIRCRAFT LOG

Maintenance

MAINTENANCE RELEASE

COMPONENT AAPART/MODEL NO: 52D67 SERIAL NO. A6997J☒ 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 # 37780Authorized Signature T. T. R. R. R. Date 11-3-87

has been

be in air.

08776.

10-13-87 Tech 1347.8 - Remove & Replace Artificial Horizon
 gyro with overhauled unit from Castlebury PN 52D67
 & SN A6997J - End Guy Johnson AR 585629725

 Total To
 Carry Forward

and Remarks

3-12-8
I certify that
inspected in
inspection a
worthy con
Signed

SERVICEABLE PART

AERO PROPELLER COMPANY

NAME HARTZELL

TYPE HC-C24R-18F

PART NO. DR 1185

REMARKS

(2) F8477-4
P88554(R) D93705(R)

COMPLETE OVERHAUL

Comply with AD77-206

INSPECTION - CAD PLATE

M/Flix - Zyglow - DYE

PERMIT: BLADE

ANGLES SET 15.6°

30' STN - FINAL BALANCE

1) Removed

remit all ed. By Aero Propeller Co.

2) Ldg retraction Test completed

3) Replaced O-rings in ldy retract cylinders.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
3-16-88	Tested And Inspected Altemeter static system and encoder as required by FAR 91.171 and 91.172 And found to comply as per FAR 43 APPX E & F			AK R. Halling Repair St 405-145 AIRCRAFT RADIO EXCHANGE 2733 Spring St. Long Beach, CA 90806 (213) 426-5181
Total To Carry Forward				

Registration No. _____

and Remarks

Signature

Certificate No.

4-15-89 Tach 1569.8

I certify that this aircraft has been
inspected in accordance with an Annual
inspection and was determined to be in air-
worthy condition.

Signed Ben T. Long A1616250



1.) cleaned fuel screens.

2) ELT TEST o.k. Batt replaced due MAY 90
4-4-89

3.) Gear retraction test accomplished.

4) Replaced Attitude Gyro.

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
	5-190 Tach 1629.7			
	I certify that this <u>Aircraft</u> has been			
	inspected in accordance with an <u>Annual</u>			
	inspection and was determined to be in air-			
	worthy condition.			
	Signed <u>[Signature]</u> IA 1616250			
	5-1-90 Tach 1629.7 inspected Hartzell prop hub with			
	10X magnifying glass no cracks noted.			
	Rust. [Signature] 1616250			
Total To Carry Forward				

Registration No. _____

and Remarks

Signature

Certificate No.

W.O.# 2670

AIRCRAFT RADIO EXCHANGE
F.A.A. REPAIR STATION 405-145

PIPER
ACFT TYPE PA32R-300 REG. No. N 36716 DATE 5/8/90

Tested and inspected altimeter, static system, A.T.C. transponder,
and altitude encoder from - 1000 ft. to + 30,000 ft. As
required by Federal Aviation Regulations 91.171 and 91.172
and found them to comply as per Federal Aviation Regulation 43,
appendices E and F.

Inspector's Signature



AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
10-7-90	1677.0	c/w AD 90-02-23	Hartzell prop.	
		inspected hub with 10X glass.		
			By T. Long	ADP 1616230
10-7-90	1677.0	Replaced HSI and instrument		
		vacuum filter. By T. Long		ADP 1616230
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
23 JUNE 1991 Performed Annual Inspection in accordance with Piper Checklist. Installed New Crochet Airfilters in accordance with STC #SA693CE C/w AD Note 78-23-01 Fuel Lines per 100hrs. 84-26-02 Induction Filters, No Longer require by replacement with Crochet Airfilters. Serviced Battery, Brake Fluid Main Gear Struts, Tires, New ECT Battery installed Expires April 93 Main Cabin Light Lubed Landing Gear. Current Status of AD Compliance May be Found in Front & Back of This Log Book. I Certify that this Airframe was inspected in accordance with a Annual inspection and was determined to be in Airworthy Condition. William L. Loy # AIP520609469IA.		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
12-6-91	Brought Forward →	Hobbs 1908.2	TACH 1422.49	Removed engine & engine mount & replaced engine mount with A/P 38020-00 S/N K2132 - Repaired by Kosola & Associates see maintenance release tag for info on engine mount. Reinstalled engine operational test OK. Installed new tail tie down part # 78940-008 Reinforced bottom fin at tie down mount. Will com Howell A/P 504748950
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
TACH 1934.05 April 1, 92 Installed new nose gear tire inflated to 35 psi & reinstalled William Howell AIP 504748450		
TACH 1978. C/P AD 78-23-01 fuel drain door inspected ok. I certify that this A/C is safe for one time ferry flight from Casper Wyoming to Oxtown TX on Wednesday October 4, 1992 - Ferry Permit required due to A/C being out of annual. Authorization expired upon arrival at Oxtown TX AIP 504748450 William Howell		

SERVICEABLE TAG

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

FAA APPROVED REPAIR STATION NO. HE4R229M

DATE 11/27/91
W/O 19094
K 2132
38020-00
PM32R 17m

AIRCRAFT LOG

AUPAC 294862

78940-008

TIE DOWN
LOTSO

TC591R

16521

ALL Primary Components
AIR FILTER REPLACED - C/W FUEL DRAIN 84-26-02
AIRCRAFT LUBED AS REQUIRED - ELT TESTED
SATISFACTOR - ALT. AIR DOOR CABLE ADJUSTED
HEATER CONTROL CABLE ADJUSTED AS REQUIRED

Total To
Carry Forward

Registration No. _____

and Remarks	Signature	Certificate No.
NO RESEARCH Complete To DATE - See micro-Copies -		
Tach. Time <u>1993.0</u> Date <u>12-15-92</u> I certify that this <u>Aie@empt</u> has been inspected in accordance with an <u>Annual</u> inspection and determined to be in an airworthy condition. <u>Kevin L. Udenberg</u> Kevin L. Udenberg IA 473667701 <u>I + N 473667701</u>		
<u>12-1-93</u> certify that the altimeter, static system, transponder, and altitude reporter as required by FARs 91.411, 91.413 & 91.217 have been performed and found to be within the limits of FAR 43 appendices E & F and AC 43.6a. TESTED TO <u>20k</u> <u>head</u> <u>encoding</u> Altimeter Model <u>united</u> #1 S/N <u>M8806</u> #2 S/N <u>115399</u> Transponder Model <u>TDR 430</u> #1 S/N <u>7535</u> #2 S/N <u>2A</u> Altitude Reporter <u>Encoding 414</u> #1 S/N <u>119</u> #2 S/N <u>2A</u> SIGNATURE <u>Kevin L. Udenberg</u> KACR ELECTRONICS INC. EDEN PRAIRIE, MINNESOTA 55347 CRS QZ7106 WORK ORDER # <u>8112</u>		

MAINTENANCE RELEASE
Avionics of Minnesota, Inc.

Brainerd Crow Wing County Airport • 2411 Airport Rd. NE • Brainerd, MN 56401

Customer ICM

Type of Aircraft _____ Reg. No. _____

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ON THE REVERSE SIDE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER:

Work Order No. 2490-1 Date 10-14-93

Signed Bush Harvey
Authorized Signature For

Avionics of Minnesota, Inc.
F.A.A. Approved Repair Station No. HDUR459K

TOTAL TIME 2080.92
N 36716

packed wheel
gear retraction
tral vac.
res.
6. Static &

Removed and replaced tach after calibration. C/W Piper SB 965 (flap handle) IAW SB. C/W Piper SB 946 (fwd. left fuselage frame) Part I only, no cracks detected. C/W AD 93-05-10 (nose landing gear) per Piper SB 955 Parts I, II & III, C/W AD 78-23-01 (fuel drain) found door ops ok. Next due at 2180.92 hours. General inspection satisfactory. For more details see W.O. # 22330

DATE 12-15-93 TOTAL TIME 2080.92

I CERTIFY THIS Aircraft HAS BEEN
INSPECTED IN ACCORDANCE WITH A Annual
INSPECTION AND WAS DETERMINED TO BE
IN AIRWORTHY CONDITION.
FOR DETAILS SEE W/O. 22330

Total To
Carry Forward

AUTHORIZED SIGNATURE Michael Rooney
MODERN AERO, INC., EDEN PRAIRIE, MN
FAA APPROVED REPAIR STATION MZER 198L

Registration No. _____

and Remarks	Signature	Certificate No.
1-21-94 Installed TC-200 intercom as 2 place system Installed Avionics master switch. Installed Garmin GPS 150 s/w 81503342 in Avionics panel. Installed as stand alone system. Panel Placarded "GPS Limited to VFR use only." All work done in accordance with AC 43.13 Part 2a and FAA Notice NS110.47 for VFR GPS installations. Weight and balance and equipment List updated this date	The aircraft, airframe, aircraft engine, propeller, or appliance identified and repaired in accordance with current FAA regulations and is approved for service. Pertinent details of the repair are on file at this repair station under Order # <u>8233</u> Date <u>1-21-94</u> Signed <u>[Signature]</u> MODERN AVIONICS INC. C.R.S. #012R110L Eden Prairie, Minnesota 55347	

MAINTENANCE RELEASE
Avionics of Minnesota, Inc.

Brainerd Crow Wing County Airport • 2411 Airport Rd. NE • Brainerd, MN 56401

Customer Modern Avionics

Type of Aircraft MS2RT-300T Reg. No. 36716

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ON THE REVERSE SIDE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER:

Work Order No. 2863 Date 1-20-94

Signed Rick Hansen
 Authorized Signature For

Avionics of Minnesota, Inc.
F.A.A. Approved Repair Station No. HDUR459K

Maintenance

2 s/n A69973
 viewed,
 normal

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

Pertinent details of the repair are on file at this repair station under Order # 8245 Date 1-21-94

Signed Rick Hansen
 MODERN AVIONICS INC.
 Eden Prairie, Minnesota 55347
 C.R.S. #Q12R110L

Total To
 Carry Forward

Registration No. _____

ertificate No. _____

Date 1-21-94 Engine Time TACH 2100:8

Installed the TAS-100 preheater system S/N 21961 in accordance with Tanis Aircraft Services instructions and drawings No. 1006

Name ~~See Order~~ Mechanic# A+P 475804417

~~1-21-94~~ Tach 2100:8. Replaced right inboard tank fuel sender gasket. Repaired nose gear up limit switch wires. For details See WO # 22464. ~~See Order~~

MODERN AERO, INC.
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347

A+P 475804417

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
13 5-13-94	Brought Forward 2142:00			Replaced both O-rings in Left Brake Caliper & Bled Left & Right sides. Serviced Reservoir. Aired nose tire main struts. <i>DER O</i>
MODERN AERO, INC. 14801 PIONEER TRAIL EDEN PRAIRIE, MN 55347 FAA APPROVED REPAIR STATION MZER 198L				
7-12-94	INSTALLED B.F. Goodrich WX-900 Stormscope in Pilot instrument panel. Antenna located on belly of aircraft. All work done in accordance with AC 43.13 1a and 2a. and B.F. Goodrich installation instructions. Weight and balance and equipment list updated.			
Total To Carry Forward				The aircraft, airframe, aircraft engine, propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under Order # <u>8772</u> Date <u>7-12-94</u> Signed <i>[Signature]</i> MODERN AVIONICS INC. C.R.S. #012R110L Eden Prairie, Minnesota 55347

See 337 Form for details

Registration No. _____

and Remarks	Signature	Certificate No.
19AUG94 2178.7 TACH 2398.0 HOBBS Installed 1 ea. static Discharger on LTR Aileron, 2 ea. on Rudder per M/M. Ohm out @ 0.00. FAA APPROVED REPAIR STATION MODERN AERO, INC. MZER 198L 14901 PIONEER TRAIL EDEN PRAIRIE, MN 55447	Kellington Ref. W/O #	23087
140CT94 HOBBS Reads 2427.5 Installed overhauled propeller. See GLA WO # 4070 for further details. Patch time 2203.95	The work performed on the aircraft described above has been inspected and approved for return to service. Signed <u>[Signature]</u> WO # 4070 for GREAT LAKES AVIATION, LTD. JNC GLBRO31A Spencer, IA (712) 262 1454	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
10-26-94	TACH 2207.			Replaced A/C BATTERY with New 6-35. ops ✓ WAS SATISFACTORY Ref w/o # 23266. Richard Mobley
		MODERN AERO, INC. 14801 PIONEER TRAIL EDEN PRAIRIE, MN 55347		FAA APPROVED REPAIR STATION MZER 198L
11-15-94	Tach 2231.			Replaced nose tire with Michelin 5.00 x 5 6ply tire. W.O. # 23333 Michael Koening
		MODERN AERO, INC. 14801 PIONEER TRAIL EDEN PRAIRIE, MN 55347		FAA APPROVED REPAIR STATION MZER 198L
Total To Carry Forward				

and Remarks

11-18-94

Remov

Replac

Ramp

MAINTENANCE RELEASE

Avionics of Minnesota, Inc.

Brainerd Crow Wing County Airport • 2411 Airport Rd. NE • Brainerd, MN 56401

Customer

ICM

Type of Aircraft

PA-32R

Reg. No.

36716

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ON THE REVERSE SIDE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER:

Work Order No.

3111

Date

6-23-94

Signed

JSB

Authorized Signature For

Avionics of Minnesota, Inc.

F.A.A. Approved Repair Station No. HDUR459K

Identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Administration and is approved for return to service.

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

9120

Date

11-18-94

Signed

Robert R. Colson

MODERN AVIONICS INC.

C.R.S. #Q12R110L

Eden Prairie, Minnesota 55347

12-22-94

Comply with AD 78-23-01 By Inspection of

Tech 2238-8

Fuel Drain Door + Lever Done again 2338-8

TIC

Ther R Colson

470944275 Ash

AIRCRAFT LOG

Date

Aircraft Time

Recorder
Reading

This Date

Total

Maintenance



MODERN AERO, INC.
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
612-941-2595

DATE 1-6-95 N 36716
TIME 2240.07

FAA APPROVED REPAIR STATION MZER198L

COMPLETED AN ANNUAL INSPECTION ON THIS DATE, GREASE GEAR. PACKED WHEEL BEARINGS. LUBED CONTROLS. SERVICED BRAKE & HYDRAULIC RESERVOIRS. CHANGED MAIN FUEL SCREEN. REPLACED BOTH MAIN GEAR TIRES. ADJUSTED TIRE PRESSURES. ADJUSTED STRUT EXTENSIONS. ELT TESTED OK (ELT BATTERY DUE 1-96). COMPLIED WITH AD 78-23-01 FUEL DRAIN DOOR. FOUND DOOR BROKEN & INSTALLED A NEW DOOR ASSEMBLY. COMPLIED WITH SB 946 FUSE FRAME BE DYE CHECK & FOUND NO CRACKS. REPLACED VAC REG FILTER. REPLACED RIGHT OUT BOARD FUEL TANK DRAIN. REPLACED LEFT OUTBOARD FUEL TANK SENDER GASKET & INTERCONNECT TUBES. REPLACED UPPER TAIL NAV LIGHT WIRES, & CONNECTORS. RESEALED LEFT MAIN GEAR ACTUATOR. REPLACED LEFT MAIN GEAR BRAKE LININGS. RESEALED LEFT MAIN GEAR STRUT. ADDED ONE SLIM TO TOP OF NOSE STRUT, RESEALED LEFT BRAKE. CALIPER. PERFORMED LANDING GEAR RETRACTION TEST & FOUND OPERATION SATISFACTORY. GENERAL INSPECTION OF AIRCRAFT SATISFACTORY. TACH 2240.07 N36716

Tot
Cal

Registration No. _____

and Remarks

Signature

Certificate No.

DATE 1-6-95 TOTAL TIME 2240.07

I CERTIFY THIS Aircraft HAS BEEN

INSPECTED IN ACCORDANCE WITH A Annual

INSPECTION AND WAS DETERMINED TO BE

IN AIRWORTHY CONDITION.

FOR DETAILS SEE W/O. 23427

AUTHORIZED SIGNATURE Greg Schuster

MODERN AERO, INC., EDEN PRAIRIE, MN

FAA APPROVED REPAIR STATION MEER 3301

6-15-95 Removed Garmin GPS 150 unit, tray and
Antenna. Fabricated fuselage cover where antenna was
removed. Removed BFG, WX 900 Stormscope Display and Antenna.
Fabricated fuselage belly cover where

Antenna was removed. Updated

Weight and balance and Equipment List

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

Pertinent details of the repair are on file at this repair station
under Order # 9632 Date 6-15-95

Signed Ben Schuster

MODERN AVIONICS INC.

Eden Prairie, Minnesota 55347

C.R.S. #Q12R110L

AIRCRAFT LOG



MODERN AERO, INC.
14801 PIONEER TRAIL
EDEN PRAIRIE, MN 55347
612-941-2595

DATE 11-8-95 N 36716
TIME Tach 2331

FAA APPROVED REPAIR STATION MZER198L

COMPLETED ANNUAL INSPECTION ON THIS DATE. GREASED GEAR. LUBED CONTROLS. SERVICED BRAKE AND HYD RESERVOIRS. CHARGED BATTERY AND ADDED WATER. CLEANED MAIN FUEL SCREEN. ADJUSTED TIRE PRESSURES. ADJUSTED STRUT EXTENTIONS. ELT STATIC AND IMPACT OPERATION OK (ELT BATTERY DUE 1-96). INSTALLED NEW CABIN DOOR SEAL. CW AD 78-23-01 FUEL DRAIN DOOR (OPERATION AND CONDITION SATISFACTORY) NEXT DUE TACH 2431. RESEALED PARKING BRAKE CYLINDER AND BLEED BRAKES. REPLACED VAC REG FILTER. INSTALLED NEW LEFT BRAKE DISC AND PADS, AD 95-20-07 LANDING GEAR SIDE BRACE STUD DNA DUE TO AC SN. PERFORMED LANDING GEAR RETRACTION TEST (OPERATION OK). GENERAL INSPECTION. OF AIRCRAFT SATISFACTORY.

DATE 11-8-95 TOTAL TIME 2331
I CERTIFY THIS Aircraft HAS BEEN
INSPECTED IN ACCORDANCE WITH A Annual
INSPECTION AND WAS DETERMINED TO BE
IN AIRWORTHY CONDITION.
FOR DETAILS SEE W/O 24329

AUTHORIZED SIGNATURE Greg Schutte
MODERN AERO, INC., EDEN PRAIRIE, MN
FAA APPROVED REPAIR STATION MZER 198L

Total To
Carry Forward

Registration No. _____

and Remarks	Signature	Certificate No.												
H - 8 - 95 I certify that the altimeter, static system, transponder, and altitude reporter test required by FARs 91.411, 91.413 & 91.217 have been performed and found to be within the limits of FAR 43 appendices E & F and AC 43.16. TESTED TO 20,000 feet. <table border="0"> <tr> <td>Altimeter Model</td> <td>DA 100 EAG</td> <td>#1 S/N M8906</td> <td>#2 S/N</td> </tr> <tr> <td>Transponder Model</td> <td>TDR 930</td> <td>#1 S/N 2535</td> <td>#2 S/N</td> </tr> <tr> <td>Altitude Reporter</td> <td>EX ALT</td> <td>#1 S/N 115359</td> <td>#2 S/N</td> </tr> </table> SIGNED <u>[Signature]</u> MODERN AVIONICS INC. EDEN PRAIRIE, MINNESOTA 55347 CRS ORG 1101 WORK ORDER # <u>10092</u>	Altimeter Model	DA 100 EAG	#1 S/N M8906	#2 S/N	Transponder Model	TDR 930	#1 S/N 2535	#2 S/N	Altitude Reporter	EX ALT	#1 S/N 115359	#2 S/N		
Altimeter Model	DA 100 EAG	#1 S/N M8906	#2 S/N											
Transponder Model	TDR 930	#1 S/N 2535	#2 S/N											
Altitude Reporter	EX ALT	#1 S/N 115359	#2 S/N											
12-19-95 Replace Faulty CD-33 plug to Repair Altimatic IIIC Autopilot REF. WLO 25160 For details.	LANCASTER AVIONICS INC. LANCASTER AIRPORT LITITZ, PA 17543 DATE <u>12-19-95</u> CERTIFICATE NO. DYIR103K SIGNED <u>[Signature]</u>													

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
2-7-96				
Installed Precise Flight SVS III standby vac system See 337. ata 2-7-96.				
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
7-24-96 TACH TIME 2380 HRS - REMOVED DEFECTIVE ELECTRIC GYRO CORP TURN COORDINATOR MODEL 139GT100-TZ (S/N 813-1083), + REPLACED WITH NEW TURN COORDINATOR SAME MODEL NUMBER (S/N 9604-9). OPS CHECKED UNIT AND FOUND TO BE OK.	LANCASTER AVIONICS INC. LANCASTER AIRPORT LITITZ, PA 17543 DATE 7-24-96 CERTIFICATE NO. LVA 261A SIGNED <i>Mark J. Paul</i>	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
9-23-96	REPAIR DUE	KN-62A S/N 11266	Details on File w/o 00544.	
			LANCASTER AVIONICS INC.	
			LANCASTER AIRPORT	
			LITITZ, PA 17543	
			DATE 9-23-96	
			CERTIFICATE NO. LN7R261N	
			SIGNED <i>[Signature]</i>	
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
12-8-96 Tack 2397.		
Complete A/c to be serviced battery and Lyd Res. checked gear Rigging Retractor and emergency fuel cell. AD 96-16-03. PCW Replaced oil cooler hoses ITW AD 95-26-13. Replaced ELT battery due Jan 98. ELT insp ITW FAR 91.207.		
I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Normal</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION TIME IN SERVICE <u>2397</u> DATE <u>12-18-96</u> SIGNED <u>[Signature]</u> FLYING TIGERS INC. 717-653-8181		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
5-30-97	Brought Forward →			Installed WX-950 Stormscope & NAR AA50-001 ICS. TAN AC 43.13-1A/-2A chapters 2 & 3 read & approp. info's install manuals. All other above installed equipment was functionally tested & was found to perform its intended function w/o adverse effects on other AC systems. WAB change recalculated. Equipment list revised. See Form #357 this date.
				LANCASTER AVIONICS INC. LANCASTER AIRPORT LITITZ, PA 17543 DATE 5-31-97 CERTIFICATE NO. LNZR261N SIGNED <i>[Signature]</i>
10/13/97		2471.5		Removed Engine S/N L5421-61 from this aircraft for repair. <i>[Signature]</i> AP 171407344
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.																		
11-10-97 Replaced damaged KA-60 and CT 101 Antennas.																				
W.O. Ref. 2133 LANCASTER AVIONICS INC CRS #LN7R261N I CERTIFY THAT THE ALTIMETER, ENCODER, AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.411 HAVE BEEN PERFORMED IIA/W FAR 43.1, appendix e	LANCASTER AVIONICS INC. LANCASTER AIRPORT LITITZ, PA 17543 DATE 11/10/97 CERTIFICATE NO. LN7R261N SIGNED <i>[Signature]</i>																			
<table border="1"> <thead> <tr> <th>UNIT</th> <th>TYPE</th> <th>TESTED TO</th> </tr> </thead> <tbody> <tr> <td>#1 ALTIMETER</td> <td>Aerosonic</td> <td>204</td> </tr> <tr> <td>#2 ALTIMETER</td> <td>N/A</td> <td></td> </tr> <tr> <td>ENCODER (S)</td> <td>Hot's AIT</td> <td>204</td> </tr> <tr> <td>STATIC SYSTEM TEST DATE</td> <td colspan="2">1-22-98</td> </tr> <tr> <td>SIGNATURE <i>[Signature]</i></td> <td colspan="2">DATE 1-22-98</td> </tr> </tbody> </table>	UNIT	TYPE	TESTED TO	#1 ALTIMETER	Aerosonic	204	#2 ALTIMETER	N/A		ENCODER (S)	Hot's AIT	204	STATIC SYSTEM TEST DATE	1-22-98		SIGNATURE <i>[Signature]</i>	DATE 1-22-98		LANCASTER AVIONICS INC. Cell 155 LITITZ, PA 17543 W.O. TD2950 CRS LN7R261N 2332 The transponder installed in this aircraft has been tested in accordance with FAR 91.411 and FAR 43.1, appendix e. <i>[Signature]</i> BY <i>[Signature]</i> DATE 1-22-98	1-22-98
UNIT	TYPE	TESTED TO																		
#1 ALTIMETER	Aerosonic	204																		
#2 ALTIMETER	N/A																			
ENCODER (S)	Hot's AIT	204																		
STATIC SYSTEM TEST DATE	1-22-98																			
SIGNATURE <i>[Signature]</i>	DATE 1-22-98																			

Registration No. _____

and Remarks	Signature	Certificate No.
→ Brought forward → Installed shims in both main landing gear trunnions. Installed new bolts and bushings in the horizontal stabilizer push pull tube. Complied with FAR 91.207, Functional check of ELT. Complied with AD 76-07-12 operational check of Bendix ignition switch. Zero defects noted. Complied with AD 78-23-01 Fuel Drain door + lever. Zero defects noted. All AD's check through issue 18-02. I Certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. <i>Robert S. Hark</i> AP171407344 IA		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
JUNE 25, 1998	TACH Time	2502.68		
	SERVICED TIRE PRESSURES IN ACCORDANCE TO MANUFACTURER'S INCS.			
			<i>Phil Brown</i>	
			ALP 199507300	

4-16-98 TURBO LANCE N36716

REPAIR ALTITUDE IIIc AP BY REPAIR IC-515-1 COMPUTER
AND REPLACING CB-33RC HARNESS PLUG. READJUST ICS AUDIO LEVELS.

REF. W/0 2561 FOR
DETAILS

LANCASTER AVIONICS INC.

LANCASTER AIRPORT

LITITZ, PA 17543

DATE 4-16-98

CERTIFICATE NO. LN7R261M

SIGNED *James J. J.*

Total To
Carry Forward

Registration No. _____

and Remarks	Signature	Certificate No.
3/10/99 Tach 2579.0		
Completed A/C lube, serviced battery, hyd. reservoir & brake reservoir. Insp gear Rigging extension, retraction & emergency extension. Replaced SW¹² on electric trim sw. CIW PRS-103 on fuel injector servo by Matt-Lock Airbase, Inc. see log. ETW Insp oil cool hoses IAW AD 95-26-13 Insp ELT IAW FAR		
91.207 batt due 4-200	I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH <u>2107</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION	
	TIME IN SERVICE 2579.0	DATE 3/10/99
	SIGNED <u>W. H. H. R.</u>	21078704 FA
	FLYING TIGERS INC.	717-653-8181

AIRCRAFT LOG

Date

2/10/2000 N36716 Tach: 2657.82

Maintenance

HSI PN 52D136-1333 removed & replaced
with SN 5742, OTSO by Mid-Continent, CRS
OL2RO61L, w.o. 510866. Gyro inlet filter
replaced with Airborne D9-18-1.-----

David Humphries A&P 404864389IA

David Humphries Humphries Aircraft Services

Total To
Carry Forward

Registration No. _____

and Remarks

Signature

Certificate No.

4-1-00 Tack 2665

Complete A/C in be serviced Balling
and hyd Res. Tusp oil cooler hoses.

ITHW 95-26-13. checked gear Rigging
Retraction and emergency Lock

Replaced Pit gear side brace stud Replaced
LH Brake lining

CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED

IN ACCORDANCE WITH AN INSPECTION AND

DETERMINED TO BE IN AN AIRWORTHY CONDITION

IN SERVICE 2665

DATE 4-1-00

SIGNED

[Signature] 2055222527A

FLYING TIGERS INC. 717-653-4128

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			
6-01-01	Tack	2778.1		
	Complete A/C Lubr serviced battery and hyd Res. checked gear R. group. Retraction and emergency fuel tightened numerous bolts in nose gear. Replaced ELT battery due 6-03 wisp ELT IDW FAR 91.207d. ops v mag Sw. Fch IDW AD 76-07-12. Insp and drain IDW AD 78-23-01			
Total To Carry Forward				

Registration No. _____

and Remarks	Signature	Certificate No.
I CERTIFY THAT THIS AIRCRAFT/ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>1/2 Annual</u> INSPECTION AND IS DETERMINED TO BE IN AN AIRWORTHY CONDITION TO BE IN SERVICE <u>2778.1</u> DATE <u>6-01-01</u> SIGNED <u>[Signature]</u> <u>2552925779</u> FLYING TIGERS INC. 717-653-8181		

Reg. No. N36716

Date: 10-27-01, Tach 2830.9, Aircraft Total Time: 2830.9

Installed new 6.00 x 6, 8 ply Condor tires on the right and left main gear wheels.

Freedom Flight Academy
498-B Freedom Dr
Independence, KS 67301

Signed: _____

[Signature]
John E. Davolt AP512589803IA

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
	Brought Forward →			

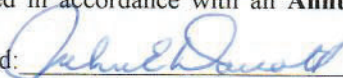
Reg. No. N36716 PA32RT-300T, S/N32R-7887068

Date: 07/02/02, Tach 2887.3, Aircraft Total Time: 2887.3

Repair crack on the both sides of the cowl attachment flange at firewall, at the aft up attach point of the lower cowl. Replace brake pads P/N 066-06200 on RH brake. Replace broken and brittle hose on the standby vacuum system. Replace gap seal on the left lower wing root inspection cover. Clean corrosion on the tunnel cover and paint. Replace air inlet filter P/N BA-7. Re-glue heat shielding on firewall, just behind the turbocharger. Remove nose gear retraction cylinder and install all new O-rings and re-installed. Adjust nose gear doors, and repair forward stop bracket for the nose gear doors. Clean corrosion on RH side of belly, remove aft end of outboard floor stiffener and install doubler under aft end of the stiffener, and replace corroded rivets, treat and paint. Install new O-ring P/N 762-503 in fuel strainer screen cover. Tighten union in fuel line above the fuel strainer. Replace cowl seal around the firewall cowl attach point. Service nose strut. C/W AD 78-23-01 fuel strainer door, due next at 2987.3 hrs. Complied with 76-17-12 by testing of ignition switch, due again at 2987.3 hrs. C/W AD 95-26-13 by inspection of the oil lines due again at 2987.3 hrs. ELT Inspected in accordance with FAR 91.207 (d) 1-4, operation satisfactory. All applicable AD's complied with to date. See AD summary log accompany logbooks. Operational checks satisfactory. I certify that this **Aircraft** has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition.

Freedom Flight Academy
498-B Freedom Dr
Independence, KS 67301

Signed:


John E. Davolt AP5125898031A

Registration No. _____

Reg. No. N36716 PA32RT-300T, S/N32R-7887068

Date: 07/17/02, Tach 2906.5, Aircraft Total Time: 2906.5

Remove Vacuum Pump P/N 211CC S/N 7AE-6379, and install new Airborne 211CC, S/N 12AM005619. Operation check satisfactory.

Freedom Flight Academy

498-B Freedom Dr

Independence, KS 67301

Signed: _____

John E. Davolt AP512589803IA

Reg. No. N36716 PA32RT-300T, S/N 32R-7887068

Date: 03/19/03, Tach Time: 2983.3, Aircraft Total Time: 2983.3

Removed Nose tire. Replaced with Condor 5.00-5 S/N 1269W00340. Replaced tube.

Freedom Flight Academy

498B Freedom Dr

Independence, Kansas 67301

620-331-8832

Signed: _____

Aaron Lawrence A&P 2707459

Reg. No. N36716 PA32RT-300T, S/N 32R-7887068

Date: 04/25/03, Tach Time: 2998.8, Aircraft Total Time: 2998.8

Removed Gill battery, Model G-35, S/N G01563234. Replaced with New Concord battery, Model CB-35A, S/N 20001244.

Freedom Flight Academy

498B Freedom Dr

Independence, Kansas 67301

620-331-8832

Signed: _____

Aaron Lawrence A&P 2707459

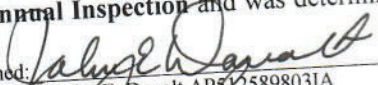
AIRCRAFT LOG

Reg. No. N36716 PA32RT-300T, S/N32R-7887068

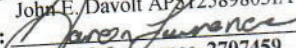
Date: 0725/03, Tach 3030.9, Aircraft Total Time: 3030.9

Remove nose gear retraction cylinder and install all new O-rings and re-installed. C/W AD 78-23-01 fuel strainer door, due next at 3130.9 hrs. Complied with 76-17-12 by testing of ignition switch, due again at 3130.9 hrs. C/W AD 95-26-13 by inspection of the oil lines due again at 3130.9 hrs. Install new ELT Battery, Now due for replacement in **June 2005**. ELT Inspected in accordance with FAR 91.207 (d) 1-4, operation satisfactory. Installed new windshield manufactured by LP Aeroplastics Inc. P/N Left LP-926 SG, and Right LP-928 SG. All applicable AD's complied with to date. See AD summary log accompany logbooks. Operational checks satisfactory. I certify that this **Aircraft** has been inspected in accordance with an **Annual Inspection** and was determined to be in airworthy condition.

Freedom Flight Academy
498-B Freedom Dr
Independence, KS 67301

Signed: 

John E. Davolt AP3125898031A

Signed: 

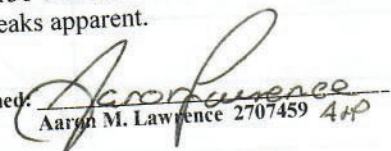
Aaron M. Lawrence 2707459

Reg. No. N36716 PA32RT-300T, S/N32R-7887068

Date: 02/17/04, Tach 3113.2, Aircraft Total Time: 3113.2

Remove electric fuel pump P/N 481-793, S/N 00138 and installed new fuel pump P/N 10080-B, S/N 107947. Performed operation inspection, no leaks apparent.

Freedom Flight Academy
498-B Freedom Dr
Independence, KS 67301

Signed: 

Aaron M. Lawrence 2707459 4HP

Registration No. _____

and Remarks	Signature	Certificate No.
Reg. No. N36716 PA32RT-300T, S/N32R-7887068 Date: 06/19/04, Tach 3137.9, Aircraft Total Time: 32137.9 Remove HIS, and re-install after repair by Mid-continent Instruments Co. See WRK 0037657. Operation Satisfactory. Freedom Flight Academy 498-B Freedom Dr Independence, KS 67301	Signed:  John E. Davolt 512589803	

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	
	This Date	Total		

Reg. No. N36716 PA32RT-300T, S/N32R-7887068

Date: 8/27/2005, Tach 3217.8, Aircraft Total Time: 3217.8

C/W AD 78-23-01 Fuel drain lever per AD ops good, C/W AD 95-26-13 Oil lines due again at 3317.8, Accomplished check of ELT per FAR 91.2007, ops check good, batteries due replacement on MAR 2008, I certify that this aircraft has been inspected in accordance with a annual inspection and was found airworthy.

Freedom Flight Academy
498-B Freedom Dr
Independence, KS 67301

Signed:

Charles R DeLong

9/06

Annual Inspection

Tach: 3297.6

Aircraft opened up, belly cleaned, all controls,

Hobbs: 3207.4

hinges, bellcranks, etc lubricated + checked for

proper movement + freedom. Replaced dorsal Fin

Total To
Carry Forward

Assembly per 78913-004. L/H Trunion nose gear bearing

Registration No. _____

and Remarks	Signature	Certificate No.
replaced. Nose wheel bearings replaced, RT main wheel bearings replaced. Gear operated in normal & emergency. Nose Tire replaced new. LT Brake wheel cyl reseated. Installed LT WAW lens & cover Assy. ELT Batteries chged due 2013 ops cks OK. LT & RT Aileron balance weight brackets cleaned & primed. Vent stab Fwd attach bracket cleaned & primed. Fwd baggage door stop drilled, filled & painted. LT & RT wing tips repaired. Rebrushed LT & RT cowl flaps. RT middle & aft belly hat channels replaced, mid aft hat channel replaced (part's 68613-000, 68609-001, 62534-001). Belly skins cleaned, sanded, primed (exposed), painted. Installed ELT Antenna lead to Antenna. Replaced both fuel tanks.		

Cont →

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Remarks
	This Date	Total		
9/06	Brought Forward →			New LT+RT wheel brake cyls. since installed AD's 76-17-13 ign. switch c/w ops ck, 78-22-13 fuel strainers & ovr c/w ops ck, 95-26-13 oil cooler time c/w by insp. Brakes serviced, battery serviced. Battery box cleaned & drains opened. Aircraft checked & ran up. All operations normal at this time. AD's due 2006-17. I certify that this Airframe has been inspected in accordance with an Annual inspection and was found to be airworthy at this time
Total To Carry Forward				9/15/06 <i>[Signature]</i> IAA 11111111

Registration No. _____

and Remarks	Signature	Certificate No.
04/08 TACH 3339.25		10113
Lube all controls & pulleys, Hinges checked operation, Landing gear greased tested Retraction & extension, repacked wheel bearings, checked ELT operator, Installed Gill C35 Battery, AD's checked, SET AIR pressure in tires, and inflated nose strut	DATE APR 16 2008 TIME 12:09 PM BY J. S. M.D. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN <u>AW 100</u> INSPECTION, AND WAS DETERMINED TO BE <u>AIR WORTHY</u>	SIGNED APR 22 2008 DIS
I certify that this Aircraft has been Inspected in accordance with a 100 hr inspection and found to be in Airworthy condition. <u>James Wells 2773537 ADP</u>		

AIRCRAFT LOG

Date	Aircraft Time		Recorder Reading	Maintenance
	This Date	Total		
8/1/09	Brought Forward →	3364	TACH 3364	Inspected & Lubed all controls Landing gear serviced and ops C/D normal emerg. A.D's T&T/R IGN switch w/o ops OK OK, 78-22-01 Fuel strainer strainer in ops OK p/p 95-26-13 oil cooler lines in insp. AD's EMB thru 2009/08 I certify that this aircraft has BEEN INSPECTED IN ACCORDANCE WITH A 100 HR inspection AND FOUND TO Be IN AIRWORTHY condition New lubes 2773537 HTP
Total To Carry Forward				

Registration No. _____

N 36716

Tach/Hobbs: 3367.39

ACTT: 3367.39

ificate No. _____

Installed new Gill G-35 battery. Tires and brakes checked and serviced. Replaced ELT batteries, ELT ops checked per 91.207. All controls checked and lubed. C/W AD 78-23-01 fuel drain lever, ops good, C/W AD 95-26-13 oil lines.

6 yrs up to
2022

I certify that this aircraft was inspected in accordance with a Annual inspection and was determined to be in an airworthy condition. All work was accomplished in accordance with current Federal Aviation Regulations and manufacturer's maintenance instructions.

Signature: _____

Certificate # AP 2773537 IA

Date: 11/18/2014

replaced Gill Battery with new concord and free 35 7-1-17

**ALTIMETER SYSTEM AND ALTITUDE REPORTING EQUIPMENT TESTS AND INSPECTION
IN ACCORDANCE WITH FAR PART 43, APPENDIX E**

ALTIMETER
MAKE: AERONIC MODEL: 1W A/C S/N: 1W A/C DATE: 2/1/2017
W/O # 10145-AV CUSTOMER: CJR Wings LLC
A/C MAKE MODEL: PIPER PA32AT-300T REGISTRATION # N36716
DISCREPANCIES REPORTED / FOUND: _____

	Altimeter		Encoder Tolerance	Altimeter			Static System Leak Test Tolerance +/-100 fpm		
Test Altitude in Feet	Tolerance +/- feet	Actual +/- feet	+/-125 feet	Friction (Altitude)	Tolerance +/- feet	Actual +/- feet			
-1,000	20	-10	-50	1000	70	+5	#1	-30	
0	20	-10	-50	2000	70	+5	#2	N/A	
500	20	0	-50	3000	70	+15	Emergency	N/A	
1,000	20	0	-50	5000	70	+20	Alt Case Leak Test Tolerance +/- 100 fpm		
1,500	25	+5	-50	10000	80	+40			
2,000	30	+5	-50	15,000	90	+70			
3,000	30	0	-60	20,000	100	+70			
4,000	35	-20	-50	25,000	120	---	L/H	-10	
6,000	40	-25	-60	30,000	140	---	R/H	N/A	
8,000	60	-40	-40	35,000	160	---	Emergency	N/A	
10,000	80	-50	-40	40,000	180	---			
12,000	90	-70	-40	50,000	250	---			
14,000	100	-90	-40	Barometric Pressure Inches Hg	Scale Error Alt Diff	+/-25 Feet Actual	After Effect Test		
16,000	110	-80	-40						
18,000	120	-80	-40						
20,000	130	-100	-40						
22,000	140	---	---	28.10	-1727	-1730	Tolerance +/- 30 ft +10		
25,000	155	---	---	28.50	-1340	-1350			
30,000	180	---	---	29.00	-863	-860	Encoder		
35,000	205	---	---	29.50	-392	-400			
40,000	230	---	---	29.92	0	0			
45,000	255	---	---	30.50	+531	+530		Mfg. AERONIC	
50,000	280	---	---	30.90	+893	+890	P/N 10 A/C		
				30.99	+974	+975	S/N 10 A/C		

Hysteresis Test:

First Test Point (50% of Maximum Altitude) Tolerance +75 feet: +20

Second Test Point (40% of Maximum Altitude) Tolerance +75 feet: +15

Aircraft System Tests: Jeffrey Tolone Technician: Jeffrey Tolone
Maintenance Release: Jeffrey Tolone Inspector: Jeffrey Tolone
Logbook Entry: Jeffrey Tolone Date: 2/1/2017

Hazle Township, PA 18202 1D8R148C

4
CH 3367.9

Pg 1/1

red by FAR 91.411 have been performed per
00 ft on this date 2/1/2017. Pitot/Static

1.413 have been performed and found to

lations of the Federal Aviation
respect to the work performed.

Aircraft, Engine, Propeller, or Appliance/Comp. Make _____

Aircraft, Engine, Propeller, or Appliance/Comp. Make _____

[illegible]