

AIRCRAFT LOG



TWIN COMMANCHE N967EY
SERIAL #1577 ADLOG #6938
WILLIAM T. HOLT

PIPER AIRCRAFT CORP.,

LOCK HAVEN, PA.

Instructions for the Use of Log Book

1. This log must always accompany the aircraft to which it refers.
2. No pages shall be torn from Log Book. No erasures, and all entries to be made in ink.
3. Original entries shall be made and signed by manufacturer or seller. All other entries shall be made by Pilot, Chief Mechanic, or other competent person authorized to do so.
4. On journey, the pilot is responsible for carriage of Log Book and entries or omissions therein. Failure to do so will be considered a serious neglect of duty.
5. Before departure on journey, pilot is personally to ascertain that entries in log have been made are correct, and then sign certificate to the effect.
6. Special data such as manufacturers notes, test data, reconditioning, etc., should be affixed to stubs provided for that purpose in the back of this book.
7. CAA-18-1 Repair and Alteration forms listed on last page.
8. This log book shall be available and produced, on demand of anyone so authorized.

PIPER AIRCRAFT CORP.—LOCK HAVEN, PA., U. S. A.

AIRCRAFT LOG

Aircraft Name *Piper* Model *PA-30* Serial No. *30-1577*
 Engine Name *Lycorning* Model *IO-320C112* Serial No. *RT-4-3377-SSA*
 Description of Aircraft *4 place cabin land monoplane* T.C. No. *AIEA*
color white 1 Pontiac Red 1 Black
 Date of Manufacture
 Seating Capacity (including pilot) *4* Wt. Empty *2529* Gross Wt. *3600*
 Make of Propeller *Hartzell* Hub Design No. *HC-E2428* Hub Serial *RT-82-3163*
 Blade Design No. *71003-4* Blade Serial Nos. *(A) 614831 B 11771 (R) 1 B 12091*
 Owner *(Lt.) HGE241-2BS SN BG-609 (E14425) 59860*
 Address *(Rt.) HGE241-2BS SN BG 677 (E14444) E9554*
 Transferred to Date

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

AIRCRAFT LOG

REMARKS

SIGNATURE

I have inspected this aircraft and found it complies with the
requirements of FAR 21.183. Certificate of Airworthiness
dated.....6-23-67..... was issued by me.

Lawrence P. Peger

Piper Aircraft Corporation D.O.A. No. EA-1

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

AIRCRAFT LOG

REMARKS

SIGNATURE

June 30, 1967, Installed Alcohol prop detectors
by Higgins. See 337 form as of this date.
SFC SA 184EA

Lewis C. Blum
A & P 703 & 40
Inspector auth.

AIRCRAFT LOG

REMARKS

SIGNATURE

Sept 20 1967

Installed Gasm. system, no weight change
installed Hoskins twilight MK-1. high intensity
lighting system see FAA 337. this date for detect
weight change, just plantronics, mike, replaced
fuel gauge switch, calibrated omni, checked auto
pilot, Details on file at RAS under work order
24697

APPROVED BY

J. E. Ovenson

INSPECTOR FOR
READING AVIATION SERVICE, INC.
READING, PA. . STATION 3535

AIRCRAFT LOG

REMARKS

SIGNATURE

July 3, 1968

I Completed Annual Insp, serviced all systems, Checked all screens, Bench Check #1 Comm, Other details on file at RAS under work order 25474

READING AVIATION SERVICE, INC.

P.O. Box 1201 Reading, Pennsylvania

I certify that this A/C has been inspected in accordance with a Annual inspection and determined to be in an airworthy condition.

July 3, 1968

DATE

1:44:6

TOTAL TIME

[Signature]

Authorized Signature

3535

Repair Sta.

NC

Date		Time in Air		Passengers Carried	NATURE OF FLIGHT
Year	Mo. Day	Hrs.	Min.		
					3-6-69 NEW BATTERY - TITAN 8334B
					REPLACED TOP SECTION OF
					CABIN DOOR SEAL
					RESOLDERED ELECT. WIRES ON
					INTER. LIGHT SOCKETS
					ALL NEW TIRES INSTALLED 3 EA.
					REPLACED LINING LH. & RH. BRAKE
					ASSYS.
					BUMPED OUT DENT ON RUDDER
					TRAILING EDGE.
					RAS WOH 40029
					HOURLY METER = 23124
Total Forward					

APPROVED BY

James A. Franklin

INSPECTOR FOR

READING AVIATION SERVICE, INC.

READING, PA. STATION 3535

Place of Last Airplane Overhaul

Date of Last Overhaul

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

RE
S CK'D AND/
50 F WSP.

E, INC.
sylvania
inspected
ection and
ndition.
TIME
35
r Sta.

READING AVIATION SERVICE

READING, PA.

FAR 43 Appendix E Test

Scale Error

-1000	-30
0	-20
500	+5
1000	-5
1500	+10
2000	+10
3000	+15
4000	+15
6000	+15
8000	+15
10000	-5
12000	-5
14000	-20
16000	+10
18000	+50
20000	+55
24000	
35000	+150
40000	
45000	
50000	

Case Leakage: 50 Ft./Min. @ 24,000 Ft.

System Leakage: 85 Ft./Min. @ 1,000 Ft.

Altimeter installed in PLOTS panel.

Work order no. 26597 Date 7 AUG. 1969

Signed Gary Skille

READING AVIATION SERVICE, INC.

Repair Station #3535

REMARKS

SIGNATURE

7 AUG 1969 ACFT. INSPECTED AS PER PIPER INSP FORM. ALL SYSTEMS CK'D AND/OR SERVICED AS REQ. INSTALLED NEW FUEL NOZZLE IN HEATER, DETAILS OF WSP. ON FILE UNDER W/O 26597

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

The altimeter was tested to 24,000 feet.

Date 7 AUG 1969

Static system test. Date 7 AUG 1969

Signature Harry Shale

READING AVIATION SERVICE, INC.

Repair Station #3535

READING AVIATION SERVICE, INC.

P. O. Box 1201 Reading, Pennsylvania

I certify that this ACFT has been inspected in accordance with a ANNUAL inspection and determined to be in an airworthy condition.

7 AUG 1969

DATE

292.0

TOTAL TIME

3535

Authorized Signature

Repair Sta.

AIRCRAFT LOG

REMARKS

SIGNATURE

Customer POTTSTOWN MACHINE CO.

Part Name _____ NC N 967EY

Mfg. or A/C PIPER Model No. PA-30

Part No. _____ S/N 30-1577

Remarks SPliced IN NEW SAME THICKNESS SKIN ON 9/4
NOSE BETWEEN FUSelage STR. 0 & STR. 20

MAINTENANCE RELEASE

The part and/or component identified above was repaired and inspected in accordance with current Civil Air Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency under word order # 27416.

Dated 5/12/70 By Earl L. Warmhouse A-P 1244249

For READING AVIATION SERVICE, INC. - Station 3535

P. O. Box 1201 - Reading, Penna. 19603

Date		Time in Air		Passengers Carried	NATURE OF FLIGHT
Year Mo.	Day	Hrs.	Min.		
AUG	20				INSPECTED A/C PER PIPER SPECS. TIGHTENED OTBD FUEL CAPS. SERVICED BRAKE RESERVOIR - CLEANED VAL. REG. FILTERS - LUBED EMERGENCY GEAR EXT HANDLE SO IT WILL TELESCOPE - LABELED "OFF" POSITION IN RT. FUEL SELECTOR - CHECKED AD'S THRU 70-16. SEE SHEET IN AFT BOOK. (3 PROP BLADES DUE 70-16-3 AT 700 HRS) CHECKED SERVICE BULLETINS. FOUND S.B. 310 NOT DONE - ORDERED KIT. C/W S.B. 311 FUEL SEL MOD W/O 27640
Total Forward					READING AVIATION SERVICE, INC. P.O. Box 1201 Reading, Pennsylvania I certify that this A/C has been inspected in accordance with an ANNUAL inspection and determined to be in an airworthy condition. 20 AUG 1970 442.4 DATE TOTAL TIME [Signature] 3535 Authorized Signature Repair Sta.

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

AIRCRAFT LOG

REMARKS

SIGNATURE

16 NOV 1970 C/W S.B. 310 WARNING HORN INST'L.
C/W S.B. 320 AUTO PILOT INSP
SSO-46658

APPROVED BY

[Signature]

INSPECTOR FOR
READING AVIATION SERVICE, INC.
READING, PA. . STATION 3535

AIRCRAFT LOG

REMARKS

SIGNATURE

567.4

OXYGEN SERVICED. NEW VACUUM FILTERS INSTALLED. LEFT AND
RIGHT MAG. FILTER LEAD BOOTS INSTALLED. STALL WARNING
RESET.

READING AVIATION SERVICE, INC.

P. O. Box 1201 Reading, Pennsylvania

I certify that this A/C has been inspected
in accordance with a ANNUAL inspection and
determined to be in an airworthy condition.

18 AUG. 1971

DATE

567.4

TOTAL TIME

Harold S. Newman

3535

Authorized Signature

Repair Sta.

ALTIMETER REPLACED
BY RAS O/H UNIT
MS 400.

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

The altimeter was tested to 30,000 feet.
Date 23 JULY 1971

Static system test. Date 18 AUG. 1971
Signature Harold S. Kuzmen

READING AVIATION SERVICE, INC.
Repair Station #3535

Total Forward

Place of Last Airplane Overhaul

Date of Last Overhaul

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Place of Last Airplane Overhaul

Date of Last Overhaul

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AIRCRAFT LOG

REMARKS

SIGNATURE

15 February 1972
 Installed Piper air flow mod. kit per Piper
 S/L 558 (Kit P/N 760 409)
 Hourmeter - 611.0

APPROVED BY

James H. Franklin

INSPECTOR FOR
 READING AVIATION SERVICE, INC.
 READING, PA. • STATION 3535

Date	Time in Air Hrs.	Min.	Passengers Carried	NATURE OF FLIGHT
Year Mo. Day				
	6 March	1972		
	Inst.	Rajan overhauled Turbo charger		
	Mold	325-BE102 P/N RJ 0326-2 S/N		
	589	on left engine (S/N 352 off)		
	Details	RAS W# 31703		
	Gourmeter	- 628.4		
Total Forward				

APPROVED BY

James A. Franklin

INSPECTOR FOR
READING AVIATION SERVICE, INC.
READING, PA. STATION 3535

Place of Last Airplane Overhaul

Date of Last Overhaul

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

629.3

AIRCRAFT LOG

REMARKS

SIGNATURE

17 March 1972

Inst. doubler at Lt eng. cowl flap door hinge

Hourmeter - 629.3

WO# 31703

APPROVED BY

James H. Franklin

INSPECTOR FOR
READING AVIATION SERVICE, INC.
READING, PA. STATION 3535

9 August 1972

Inst. new stainless steel
sump cup on aft
fuel selector

RAS WO# 33056

Hourmeter 672.9

APPROVED BY

James H. Franklin

INSPECTOR FOR
READING AVIATION SERVICE, INC.
READING, PA. STATION 3535

Date			Time in Air Hrs.	Min.	Passengers Carried	NATURE OF FLIGHT
Year	Mo.	Day				
		1 Sept. 1972				Annual Inspection Completed
		Serviced & or checked all systems				
		Inst. new discs & lining lt. ext. brake assy.				
		Tightened & reshafted bolts at shimmy dampener				
		attach				
		Inst. new central vac. filter				
		Battery charged				
		Serviced oxygen				
		Inst. new stainless steel cup on fwd fuel valve				
		AD 70-16-3 Blade snap.				
		Due at 700 hrs.				
		RSS Wb # 33235				
Total Forward						

READING AVIATION SERVICE, INC.
P. O. Box 1201 Reading, Pennsylvania

I certify that this airplane has been inspected
in accordance with a annual inspection and
determined to be in an airworthy condition.

1 Sept 1972 685.4

DATE TOTAL TIME...

James R. Franklin 3535

Authorized Signature Repair Shop

Place of Last Airplane Overhaul

Date of Last Overhaul

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

New Blade
HARTZELL INDUSTRIES INC.

678-011-00005M

INSPECTION

New, Repair Date 8-22-72 Order No. _____

Part No. HC-E2YL-2BS

Hub No. BG 677 Hyd. No. _____ Valve No. _____

Blade Nos. C14444 - C9554

Blade Design 7663-4

Right
12.0 L.P. @ 30" Station _____

Shop Hub No. 1991

Insp. *[Signature]*

Ship To *Factory Overhaul*

9 November 1972
Inst. Wartsell factory O/H props Lt. & rt.
Lt prop. HC-E2YLH2BS SN BG609
Blade SN C14425 & C9480 (new blades)
Rt. prop. HC-E2YL-2BS SN BG677
Blade SN C14444 & C9554 (new blades)
all prop AD notes yw thru 72-8-4 this O/H
RSD Wg #33931
Hourmeter - 695.4

APPROVED BY

James H. Franklin

INSPECTOR FOR
READING AVIATION SERVICE, INC.
READING, PA. STATION 3535

760.9

NATURE OF FLIGHT

Date		Time in Air Hrs. Min.	Passengers Carried	NATURE OF FLIGHT
Year Mo. Day				
10-17-73				Annual Inspection Completed Serviced & or checked all systems Inst. new cabin door seal Gw Roper S/B 388 Slip warning placard & ft. manual revision Inst. new static wick - rt elevator Sealed leaking fitting in tip tank fuel sol. valves. (Sealed rt / left tip tank ft.) Battery serviced & charged Purged fuel lines Rubb control column bearings RBS Wt # 36985
Total Forward				

READING AVIATION SERVICE, INC.
P. O. Box 1201 Reading, Pennsylvania

I certify that this aircraft has been inspected
in accordance with a annual inspection and
determined to be in an airworthy condition.

10-17-73

760.9

DATE

TOTAL TIME

3535

James R. Franklin

Authorized Signature

Repair Station

Place of Last Airplane Overhaul

Date of Last Overhaul

NOTICE:—Making false entries in this book is a violation of the Civil

Aeronautics Act of 1938, punishable by Civil Penalty.

10-17-73

Inst. new check valve in turbo oil inlet line -

lt. engine

Tightened rivets at turbo inlet air check valve -

both engs.

Inst. AD-3 bolts in prop. alcohol blade nozzles & positioned

Inst. Aerosonic Altitude reporting altimeter #101435 -

11213 ^{SN 233219} per FAA 337 dated

Inst. Narco ELT-10 SN 26489 in aft fuselage

I/A/W AC 43:13 approved methods

Battery replc. date - Jan. 75

wo #36985

Tech - 760.9

APPROVED BY

James H. Franklin

INSPECTOR FOR

READING AVIATION SERVICE, INC.
READING, PA. - STATION 3535

782.8

AIRCRAFT LOG

REMARKS

SIGNATURE

18 July 1974

Cw AD 74-13-03 "Stabilator bolts" - Cw S/B 667A
Corrosion resistant bolts inst. no further insp.
requiredCw AD 74-13-1 "Stabilator attach brackets" - checked
per S/B 411A & found to be tight - no further
actionCw AD 74-10-03 Aileron inspection no defects
noted & ailerons reinstalled due ea 100 hrs.Cw Piper S/L 539 "Fuel Control Knob" inst. Piper
kit 760-788

Inst. new EGT probe in rt engine

R/S WO# 40074

Hobbs - 782.8

APPROVED BY

James H. Franklin

INSPECTOR FOR

READING AVIATION SERVICE, INC.
READING, PA. • STATION 3535

Hobbs - 803.2

N C

Date		Time in Air		Passengers	NATURE OF FLIGHT
Year	Mo. Day	Hrs.	Min.	Carried	
	7 November 1974				
	Annual inspection completed				
	Serviced & or checked all systems				
	CW AD 74-16-08 Tail bulkhead insp. - no				
	cracks detected due ea. 100 hrs.				
	New battery installed				
	Inst. new bulb in top beacon				
	Inst. new tires - left main & rt main				
	Inst. new brake line rt side & clamped				
	Inst. new lining in - left brake				
	Hydrostatic test CW on oxygen bottle (date				
	Stamped 11G74) (serviced oxygen)				
	Inst. new static wick at Lt horiz stab.				
	Continued				
Total Forward					

Place of Last Airplane Overhaul

Date of Last Overhaul

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AIRCRAFT LOG

REMARKS

SIGNATURE

Brought fwd:

Cleaned & lubed flap tracks

Inst. new instr air filter

Adj. left wing flap cup stop - aileron

rigging checked & adj. per maint. manual

Sealed grease leak in lt. prop hub halves

Gw Riper 5B 310 "Airspeed placards" kit

160 408 installed

RAS WO# 41175

Hobbs-803.2

READING AVIATION SERVICE, INC.

P. O. Box 1201 Reading, Pennsylvania

I certify that this aircraft has been inspected
in accordance with a annual inspection and
determined to be in an airworthy condition.

7 November 1974 803.2

DATE

TOTAL TIME

3535

James R. Franklin
Authorized Signature

Repair Sta.

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

Date		Time in Air		Passengers Carried	NATURE OF FLIGHT
Year	Mo. Day	Hrs.	Min.		
	2 July 1975				
	Ch Piper AD 74-10-3 "Aileron rib				
	reinforcement" kit 757 162 inst. - no				
	further inspection required (both ailerons)				
	AD 74-24-13 United altimeter 4A - Aerosonic				
	altimeter inst.				
	Inst. Rajay new turbocharger PN 325 E/0-2				
	SN 1109 on rt engine, preoiled & ground run				
	Serviced Battery fluid				
	WA# 43400				
	Wt - 835.6				
Total Forward					

APPROVED BY

James R. Franklin

INSPECTOR FOR

READING AVIATION SERVICE, INC.

READING, PA. ■ STATION 3535

Place of Last Airplane Overhaul

Date of Last Overhaul

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AIRCRAFT LOG

REMARKS

SIGNATURE

16 July 1975

Inst. new battery in ELT SN 26489

New battery repld date 28 November 1976

WO# 43515

APPROVED BY

James D. Franklin

INSPECTOR FOR
READING AVIATION SERVICE, INC.,
READING, PA. STATION 3535

Robbs - 847.7

N C

Date		Time in Air		Passengers Carried	NATURE OF FLIGHT
Year Mo.	Day	Hrs.	Min.		
20	October	1975			
					Qw Riper Kit 760-950 Stall warning placard HP & owner handbook revisions Qw placard inst on instrument panel 3B 456A Inst. new battery solenoid Inst. new quantity transmitters as follows: ht. aux, st. aux. and st. main Inst. new quantity indicator - ht wing ht wing quantity does not indicate full when tanks are full - requires more troubleshooting Indicators appear accurate on empty Wot 44390 Robbs - 847.7
Total Forward					

APPROVED BY

James O. Franklin

INSPECTOR FOR
 READING AVIATION SERVICE, INC.
 READING, PA 19606

Place of Last Airplane Overhaul
 Date of Last Overhaul

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AIRCRAFT LOG

REMARKS

SIGNATURE

25 NOV. 1975

ANNUAL INSP. COMPLETED. GEAR RETRACTION
CHECKED. INST. NEW OXYGEN CONTROL CABLE.
CHECKED INBO. & OUTR. FUEL QUANT. TRANSMITTERS
+ FOUND THEM O.K.

READING AVIATION SERVICE, INC.

P. O. Box 1201

Reading, Pennsylvania

I certify that this A/C has been inspected
in accordance with an ANNUAL inspection and
determined to be in an airworthy condition.

11/25/75

DATE

860:0

TOTAL TIME

Clarence E. Faust

Authorized Signature

3535

Repair Sta.

W.O. 44749
HOBBS 860:0

NC

[illegible]

Place of Last Airplane Overhaul

Date of Last Overhaul

Date of Last Overhaul

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

888.0

AIRCRAFT LOG

REMARKS	SIGNATURE
The ATC transponder tests and inspections re-	
quired by FAR 91.177 were performed in accordance	
and found to comply with FAR 91.177, Appendix F.	
ATC Transponder <u>VARCO</u>	
No. 1 Make Model <u>UAT-1</u> S/N <u>22156</u>	
No. 2 Make Model <u>2</u> S/N <u>2</u>	
Details of this inspection are on file at this repair	
station under W.O. No. <u>45782</u>	
Date <u>760309</u> Signature <u>JAM Dechme</u>	
Certificate No. <u>1294297</u>	
Reading Aviation Service, Inc. CRS No. 3535	
Municipal Airport	
Reading, Pa. 19603	

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

The altimeter was tested to 25000 feet.

Date MAR. 10, 1976

Static system test. Date 3/10/76

Signature Joseph E. Green Jr

READING AVIATION SERVICE, INC.
Repair Station #8535

Total Forward

Place of Last Airplane Overhaul

Date of Last Overhaul

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AIRCRAFT LOG

REMARKS

SIGNATURE

3/10/76

C/W AD-75-27-08 PIPER KIT 760-835 HI-SHEAR
RIVET REPLACEMENT. INSTALLED. C/W PIPER SER.
LTR. 596A HIGH STRENGTH BOLTS FOR NOSE GEAR ALIGNER
GUIDE BRACKET. CLEANED TERM. ON GROUND IN HORN
CIRCUIT UNDER INST. PANEL.

HOBBS. 888.0
W.O. 45782

APPROVED BY

Joseph E. Green
INSPECTOR FOR
READING AVIATION SERVICE, INC.
READING, PA. - STATION 3535

Date		Time in Air		Passengers Carried	NATURE OF FLIGHT
Year	Mo. Day	Hrs.	Min.		
	4 August 1976				
	Installed radio equipment per FAA 337				
	dated 4 August 1976 - See flight manual				
	for wt. & bal. change				
	Gas Riser 3/4 777 Pin front spar mod.				
	& inspection AD 76-18-05				
	Wt # 45953				
Total Forward					

APPROVED BY
James M. Franklin
 INSPECTOR FOR
 READING AVIATION SERVICE, INC.
 READING, PA. STATION 3535

Place of Last Airplane Overhaul

Date of Last Overhaul

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**AIRCRAFT
INSTRUMENT &
DEVELOPMENT**

Wichita, Kansas

67202

UNIT NAME Converter SER. 6327
PART OR MODEL 23-1110-1 MFR. AD
P. O. NO. 34-20450 W. O.

THE ARTICLE IDENTIFIED ABOVE HAS BEEN MANUFACTURED IN
ACCORDANCE WITH ALL APPLICABLE SPECS. & INSTRUCTIONS.
DETAILS & TEST REPORTS ARE ON FILE AT THIS FACILITY SUB-
JECT TO INSPECTION BY AUTHORIZED PERSONNEL.

FINAL INSP. & FUNCTIONAL TESTED

BY R. W.

DATE 7/27/74

CERTIFICATION TAG

AIRCRAFT LOG

REMARKS

SIGNATURE

brought fwd:

C/W AD 74-16-08 Aft fuselage
installing S/K 760-783 per
Resoldered loose connection
down light

Patched spinner bulkhead & rewelded one
tube on slinger ring

Inst new Rajay turbo
Model 325E10-2

P/W RJ 0326-2 S/P 16574
in Lt. nacelle

W/O # 48684

READING AVIATION SERVICE, INC.

P. O. Box 1201 Reading, Pennsylvania

I certify that this aircraft has been inspected
in accordance with a Annual inspection and
determined to be in an airworthy condition.

1-11-77

944.8

DATE

TOTAL TIME

James M. Franklin

3535

Authorized Signature

Repair Sta.

Date		Time in Air Hrs. Min.	Passengers Carried	NATURE OF FLIGHT
Year	Mo. Day			
	20 January 1977			
	Recess. pot			lubed all lt engine control
	cables			
	Recess. pot			lubed cowl flap & alternate
	air controls on lt. engine			
	Inst. new throttle control assey			's 24894-03
	lt side			
	Inst. new ignitor plug in heater			
	Inst. new hydrometer in lt aux. fuel			
	tank & quantity checked - ok			
	C/W Piper S/H 737			Aileron spar insp. & inst
	Reinforcement - inst kit 760 914			
	C/W Piper S/B 511A			oxygen outlet refinement
Total Forward				Continued

Place of Last Airplane Overhaul

Date of Last Overhaul

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AIRCRAFT LOG

REMARKS

SIGNATURE

Brought fwd:

Inst. Narco Marker Beacon MKR-401R & AD-8
antenna Removed Piper PM-1 marker beacon
& antenna - no structural changes & negligible
wt change. Installation per AC 43:13 standards
Flight Check accomplished
WO # 48835
Nops - 971.5

APPROVED BY

James K. Franklin

INSPECTOR FOR

READING AVIATION SERVICE, INC.
READING, PA. • STATION 3535

READING AVIATION SERVICE

READING, PA.

FAR 43 Appendix E Test

Scale Error

-1000	+5
0	0
500	0
1000	+5
1500	0
2000	+5
3000	-5
4000	+10
6000	0
8000	-10
10000	-20
12000	-15
14000	0
16000	+5
18000	+10
20000	-10
22000	...
25000	...
30000	...
35000	...
40000	...
45000	...
50000	...

Aerosonic
S/N 23210

Case Leakage: 0 Ft./Min. @ 20,000 Ft.

System Leakage: 0 Ft./Min. @ 1000 Ft.

Altimeter installed in Pilots panel.

Work order no. 51073 Date 2-14-78

Signed David E. Gehris

Total Forward

Municipal Airport

Place of Last Airplane Overhaul

Date of Last Overhaul

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AIRCRAFT LOG

REMARKS

SIGNATURE

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

The altimeter was tested to 20,000 feet.

Date 2-14-78

Static system test. Date 3-2-78

Signature David E Gehris

READING AVIATION SERVICE, INC.

Repair Station #3535

PER AD 77-13-21, ELT BATTERY REPLACED DUE AUG. 1979
REPLACED BRUSH IN HEATER COMBUSTION BLOWER
MOTOR. INSTALLED NEW BUNGEE CORDS ON MAIN
LANDING GEAR, AND SPRING KIT 761082.

9 March 1978

ANNUAL INSP ACCOMPLISHED

BOTH PROPELLERS REPLACED

WITH AD 77-12-06 COMPLIANCE

BOTH WINDSHIELD HALVES REPL.

BOTH TURBO CONTROL CABLES REPL.

BATTERY REPLACED NEW.

REPLACED NOSE TIRE AND TUBE.

CLEANED & LUBED FLAP TRACKS

CW SL 782A ON LANDING GEAR

N C

Date		Time in Air		Passengers Carried	NATURE OF FLIGHT
Year	Mo. Day	Hrs.	Min.		
78					
3	9				
Continued from				READING AVIATION SERVICE, INC.	
Previous Page				P. O. Box 1201 Reading, Pennsylvania	
Detail on file				I certify that this AIRCRAFT has been inspected	
RAS No 51073				In accordance with an ANNUAL inspection and	
				determined to be in an airworthy condition.	
				9 March 1978	
				DATE	
				1034.9	
				TOTAL TIME	
				3535	
				Repair Sta.	
				Clarence E. Faust	
				Authorized Signature	

5 June 1978 - HSI REPAIRED, BOTH TURBO CONTROL ENDS
 REPAIRED PER RAYAY FACTORY INSTRUCTIONS.
 Hables Meter - 1063.4
 RAS No. 51451

Total Forward

SIGNED: Clarence E. Faust

READING AVIATION SERVICE, INC.

REPAIR STATION #3535

Place of Last Airplane Overhaul

Date of Last Overhaul

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

AIRCRAFT LOG

REMARKS

SIGNATURE

19 DEC 78 REPLACED BRAKE LININGS & DISCS ON
BOTH MAIN GEAR, REPLACED COMBUSTION BLOWER
MOTOR ON HEATER.
HOBBS 1090.5 HRS

SIGNED:

READING AVIATION SERVICE, INC.

REPAIR STATION #3535

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

READING AVIATION SERVICE, INC.
P. O. Box 1201 Reading, Pennsylvania

I certify that this *A/C* has been inspected
in accordance with a *ANNUAL* inspection and
determined to be in an airworthy condition.

16 OCT 79
DATE

Joseph E. Sherry
Authorized Signature

1133.1
TOTAL TIME

3535
Rep. No.

Date of Last Overhaul

NOTICE:—Making false entries in this book is a violation of the Civil Aeronautics Act of 1938

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

AIRCRAFT LOG

ATC TRANSPONDERS TEST AND INSPECTION

REMARKS

SIGNATURE

The ATC transponder and inspections required by FAR 91.177 were performed this date and found to comply with Appendix F.

ATC Transponder

No. 1 Make-Model VARCO CAT-1 SIN 11256

No. 2 Make-Model X SIN X

Details of this inspection are on file at this repair station under W.O. No. 54834

Date: 12-4-80 Signature K. L. Byrty

Certificate No: 2084584

Reading Aviation Service, Inc. CRS No. 3535

Municipal Airport

Reading, Pa. 19603

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

Date		Time in Air		Passengers Carried	NATURE OF FLIGHT
Year	Mo. Day	Hrs.	Min.		
21	JAN 81				Completed Annual Inspection, Heater Overhauled in accordance with AD 80-09-00, Details on file at RAS under W.O. 54834
I certify that the altimeter and static system tests required by FAR Part 91.170 have been performed.					READING AVIATION SERVICE, INC. P.O. Box 1201 Reading, Pennsylvania I certify that this <u>A/C</u> has been inspected in accordance with a <u>Annual</u> inspection and determined to be in an airworthy condition. <u>21 JAN 81</u> DATE <u>[Signature]</u> Authorized Signature <u>1176.7</u> TOTAL TIME <u>3535</u> Repair Sta.
The altimeter was tested to <u>30,000</u> feet.					
Date <u>12/8/80</u>					
Static system test. Date <u>12/8/80</u>					
Signature <u>[Signature]</u>					
READING AVIATION SERVICE, INC.					
Total Forward					

Place of Last Airplane Overhaul

Date of Last Overhaul

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

AIRCRAFT LOG

REMARKS

SIGNATURE

23 Oct 81 C/W AD 81-19-04 REPLACEMENT OF
FUEL & OIL LINES IN CLOSE PROXIMITY OF TURBO.

Hourmeter - 1202.3 Hrs

SIGNED: *[Signature]*
READING AVIATION SERVICE, INC.
REPAIR STATION #3535

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

READING AVIATION SERVICE, INC.
P. O. Box 1201 Reading, Pennsylvania

I certify that this *A/C* has been inspected
in accordance with a *Annual* inspection and
determined to be in an airworthy condition.

1 MAY 82
DATE

Joseph A. Smith
Authorized Signature

TOTAL TIME
3535
Repair Sta.

Date of Last Overhaul

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

AIRCRAFT LOG

REMARKS	SIGNATURE
3/23/84 Tail 1230.3 100 HK/Annual Inspection Completed - removed old battery install new Rebat R-35, checked all lites, lubed & checked flight controls, checked brakes - good - Cleared, checked & repacked wheel bearings, checked & aired tires, retent test performed, greased landing gear, replaced both vac. reg. filters (B3-5-1), checked all int. lites, checked seats & seat belts for security etc - replaced E & T battery w/new BP1010 good til 1986 - Corrosion under nacels from lft gas - soaked, neutralized, primed & painted - serviced hyd. system - AD 82-87-03 Jointed Heater Gw - pressure checked burner coil AD 77-13-21 Indg. Gear Bungee Cords Gw Visually inspected bungees, AD 83-19-03 Lower Wing Spar Gw as per Reps S/L # 751 No cracks & scratches noted - AD 83-10-01 Fuel strainer contamination Gw as per para (A), (C), (D) of AD - para (B) p c w - AD's checked thru 84-04 - Engine run up - lch tested ok - Functional test ok.	

(over next
page)

Total Forward

Date of Last Overhaul

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

AIRCRAFT LOG

REMARKS	SIGNATURE
-20-84 REMOVED NARCO UOI-4 DME. INSTALLED KING KN-64 DME AND FOSTER AIRDATA RNAUS11 SYSTEM. NAV PLACARDED "FOR VFR USE ONLY." SEE 337 THIS DATE FOR MORE INFORMATION.	LANCASTER AVIATION, INC. RD #3, Lititz, PA 17543 CRS 161-4 UAT-1 The transponder installed in this aircraft has been tested in accordance with FAR 91.172 and FAR 43, appendix F.
W 2606 LOS G 84.2 INS 5FUL LOAD 1119 LOS LANCASTER AVIATION, INC. LANCASTER MUN AIRPORT RD 3 LITITZ, PA 17543 DATE 12/20/84 CERTIFICATE NO 161 4 SIGNED <i>Jerry D. Miller</i>	<i>J.M. Herhine</i> 26 FEB 1985 BY _____ DATE _____

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

LANCASTER AVIATION, INC.
LANCASTER MUN AIRPORT RD 3

LANCASTER MUN AIRPORT RD 3
LITIZ, PA 17543

DATE 2/27/83

CERTIFICATE NO 101 4

SIGNED

Fanny Bonker

Date of Last Overhaul

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

AIRCRAFT LOG

REMARKS

SIGNATURE

I certify this Airframe •

~~Engine~~ has been inspected

in accordance with a ~~100 hr.~~

annual inspection and found

to be airworthy.

T. T. 1324. Date April 4, 1985

Gregg J. Turner

AE13662-1A

Date		Time in Air		Passengers Carried	NATURE OF FLIGHT
Year	Mo. Day	Hrs.	Min.		
85	4 3	TT 1324			Removed RUST FROM RUDDER POST & PAINTED INSTALLED REMANUFACTURED TURN COORDINATOR A/S INDICATOR, gyre horizon. INSTALL NEW RIGHT & LEFT WINDSHIELD, REPLACED BRAKE LININGS BOTH WHEELS, REPLACED NOSE TIRE & RIGHT MAIN, CLEAN & REPACK ALL WHEEL BEARINGS INSTALLED SHADIN CO DIGIFLO FUEL FLOW SYSTEM ACCORDING TO STC SA H31NM CAPCO INSTALLATION - weight change negligible, AIRCRAFT FLIGHT MANUAL MODIFIED WITH APPROVED SUPPLEMENT C/W 79-12-08 IAW SL 851, C/W AD 83-10-01 By TRAINING & CLEANING STRAINERS, C/W 83-19-03 By INSPECTION - NO SCRAPING OR CRACKS FOUND David Wunsche A/P 185387225
Total Forward					

Place of Last Airplane Overhaul

Date of Last Overhaul

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

BRADEN'S FLYING SERVICE
EASTON AIRPORT
EASTON, PA. 18042

— ACCEPTABLE —

PART NO. 541

CLASS

Nomenclature & Type

Airspeed

Serial No.

JH 1670

Manufacturer

Aeromarine

Remarks:

exchange

Date

March 27, 1985

Order or Contract No.

7548

Quantity

1

FAA CERTIFIED REPAIR

STATION NO. 103-2

Authorized Rep.

Signature

William L. Kruger

Pertinent details of the repair are on file at this Agency
under customer's Order No. and Serial No.

I certify that the altimeter and static system
tests required by FAR Part 91.171 have been
performed. The altimeter was tested to
30,000 feet. Date . 2-26-85 . Static

system test date . 4-22-85 .

Signature Leon M. Dugan

Lancaster Aviation, Inc.

Repair Station #161-4

Repaired static system
leaks. Leaking argon
repaired by Brothers 2nd Avenue
Shop.

PERIODIC

Aircraft

Mfg.

Model

License No.

Time to

Date—Hrs..... Min.....

PERIODIC INSPECTION REPORT

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

Note condition and list repairs, replacements, etc.

Engine

Mfg.

Model

Serial No.

Total Time

Hrs. Min.

Fuselage, Tail Group
and Covering

7/25/85

INSTALLED NEW ROTO MASTER TURBOCHARGER

Wings and Alleron, Flaps
and Covering

P/W 600576-00 ON LEFT engine. TEST RAN

Landing Gear & Tail Wheel
or Skid and Tires

O.K. REPLACED TURBO OIL PRESSURE SWITCHES

Engine Installation and
Cowling

BOTH engines, LEAK CHECKED O.K. C/W A/D

Fuel Tanks and
Connections

77-13-21 BY REPLACING BUNGEE CORDS, A/D 79-20-10

Control Cables & Pulleys
Internal & External

BY INSPECTION - NO CRACK FOUND 1418 HOBBS

Struts, Fittings
and Wires

Alignment and Condition
of Propeller

Hub Design
Blade Design

Serial
Serials

Instruments, Lights,
Starter & Battery

DATE Inspected by No. Address

Licensed Mechanic

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

Mfg. "THE AIRCRAFT, AIRPLANE
WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH
MoC AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN

License No.
Time to
Date—Hrs..... Min.....

each 100 hours of flight and also immedi-
ately prior to presentation for inspection
for renewal of certificate

Note condition and list repairs,
replacements, etc.

PERIODIC

Engine

Mfg.
Model
Serial No.
Total Time
Hrs. Min.

Fuselage, Tail Group
and Covering

Wings and Ailerons, Flaps
and Covering

Landing Gear & Tail Wheel
or Skid and Tires

Engine Installation and
Cowling

Fuel Tanks and
Connections

Control Cables & Pulleys
Internal & External

Struts, Fittings
and Wires

Alignment and Condition
of Propeller

Instruments, Lights,
Starter & Battery

Hub Design
Blade Design

Serial
Serials

11/15/85

Installed 3M Ryan W x 8 Stormscope
AS per manufacturers installation
MANUAL, see 337 This dete

Ben Zelman For Braden's

12yr in Service CR5103-2

Hobbs 1548

INSTALLED NEW GENERATOR Right Engine Don Wundelsh

Apr 185387229

DATE Inspected by No. Address

Licensed Mechanic

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

PERIODIC

Aircraft

Mfg.

Model

License No.

Time to

Date—Hrs..... Min.....

Fuselage, Tail Group
and Covering

Wings and Ailerons, Flaps
and Covering

Landing Gear & Tail Wheel
or Skid and Tires

Engine Installation and
Cowling

Fuel Tanks and
Connections

Control Cables & Pulleys
Internal & External

Struts, Fittings
and Wires

Alignment and Condition
of Propeller

Instruments, Lights,
Starter & Battery

PERIODIC INSPECTION REPORT

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

Note condition and list repairs, replacements, etc.

I certify this Airframe

Engine has been inspected in accordance with a 100 hr. annual inspection and found to be airworthy.

T. T. 1572 Date 4/1/86

Henry J. Smith

Hub Design
Blade Design

HET3662

Serial
Serials

1A

See log entry 3 pages forward

DATE Inspected by No. Address

Licensed Mechanic

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

Engine

Mfg.

Model

Serial No.

Total Time

Hrs. Min.

Aircraft

PERIODIC INSPECTION REPORT

PERIODIC

Engine

Mfg.

Model

License No.

Time to

Date—Hrs..... Min.....

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

Note condition and list repairs, replacements, etc.

Mfg.

Model

Serial No.

Total Time

Hrs. Min.

Fuselage, Tail Group
and Covering

Wings and Ailerons, Flaps
and Covering

Landing Gear & Tail Wheel
or Skid and Tires

Engine Installation and
Cowling

Fuel Tanks and
Connections

Control Cables & Pulleys
Internal & External

Struts, Fittings
and Wires

Alignment and Condition
of Propeller

Instruments, Lights,
Starter & Battery

I certify this Airframe
has been inspected
in accordance with a ~~100 hr.~~
annual inspection and found
to be airworthy.

1768 Date 5/1/87

[Signature]
Hub Design
Blade Design
A51-3662-1A

Serial
Serials

DATE Inspected by No. Address

Licensed Mechanic

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

PERIODIC

Aircraft

Mfg.

Model

License No.

Time to

Date—Hrs..... Min.....

PERIODIC INSPECTION REPORT

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

Note condition and list repairs, replacements, etc.

Engine

Mfg.

Model

Serial No.

Total Time

Hrs. Min.

Fuselage, Tail Group and Covering

Wings and Ailerons, Flaps and Covering

Landing Gear & Tail Wheel or Skid and Tires

Engine Installation and Cowling

Fuel Tanks and Connections

Control Cables & Pulleys Internal & External

Struts, Fittings and Wires

Alignment and Condition of Propeller

Instruments, Lights, Starter & Battery

5/1/87 1768. Replaced BRAKE Linings Right main, Replaced

Both main Tires with 600x6 6pr Armstrong Condors, Cleaned +

Repacked ALL wheel Bearings, Replaced nose wheel Bearings

Replaced nose wheel Tent. Replaced main gear wheel Bolts +

NUTS, Lubricate controls, charged BATTERY Replaced Lower Right

Rubber engine mount Bushing on Right engine, welded Left

Propeller BACKING PLATE CRACK, checked Pressure in Prop Domes

C/W AD 79-12-00 ±AW

Hub Design
Blade Design

Serial
Serials

Piper S/L 851 PART A, C/W AD 83-10-01 By DRAINING - cleaning

STRAWNER, Performed RETRACTION TEST, ALL SATISFACTORY David Wunchukh

DATE Inspected by No. Address A.P. 185.387229....

Licensed Mechanic

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

PERIODIC INSPECTION REPORT

Engine

Mfg.

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

Mfg.

Model

Model

License No.

Note condition and list repairs, replacements, etc.

Serial No.

Time to

Total Time

Date—Hrs. Min.

Hrs. Min.

Fuselage, Tail Group
and Covering

1572 - REPAIRED BOTTOM cawling CRACK Left engine, Patched

Wings and Ailerons, Flaps
and Covering

WEAR spot in cawling Right engine, Cleaned,

Landing Gear & Tail Wheel
or Skid and Tires

INSPECTED - Repacked all wheel BEARINGS, Replaced

Engine Installation and
Cowling

wheel ROTORS Both main wheels, checked cable

Fuel Tanks and
Connections

TENSIONED, charged BATTERY c/w AD 79-12-08 JAW

Control Cables & Pulleys
Internal & External

SIB 851, c/w AD 79-20-00 By inspection c/w AD 83-10-0

Struts, Fittings
and Wires

By DRAWING & CLEANING. Dan Hunsdel A-P 185387225

Alignment and Condition
of PropellerHub Design
Blade DesignSerial
SerialsInstruments, Lights,
Starter & Battery

DATE Inspected by No. Address

Licensed Mechanic

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

LIST CAA-18-1 REPAIR AND ALTERATION FORMS HERE

C/W Piper S/B 310 Airspeed placards 11-7-74 RAS
C/W PIPER-KIT 760-835 HI-SHEAR RIVET REPLACEMENT.
3/10/76 R.A.S.
C/W PIPER SER. LTR. 596A-HIGH STRENGTH BOLTS FOR
C/W Piper S/L 777 IN NOSE GEAR ALIGNER. 3/10/76
Fin front spar mod. & insp. R.A.S.
4 Aug. 76 RAS

N967EY

CUSTOMER

Piper Aircraft

ADDRESS

INST.

alt.

SER. NO.

A372

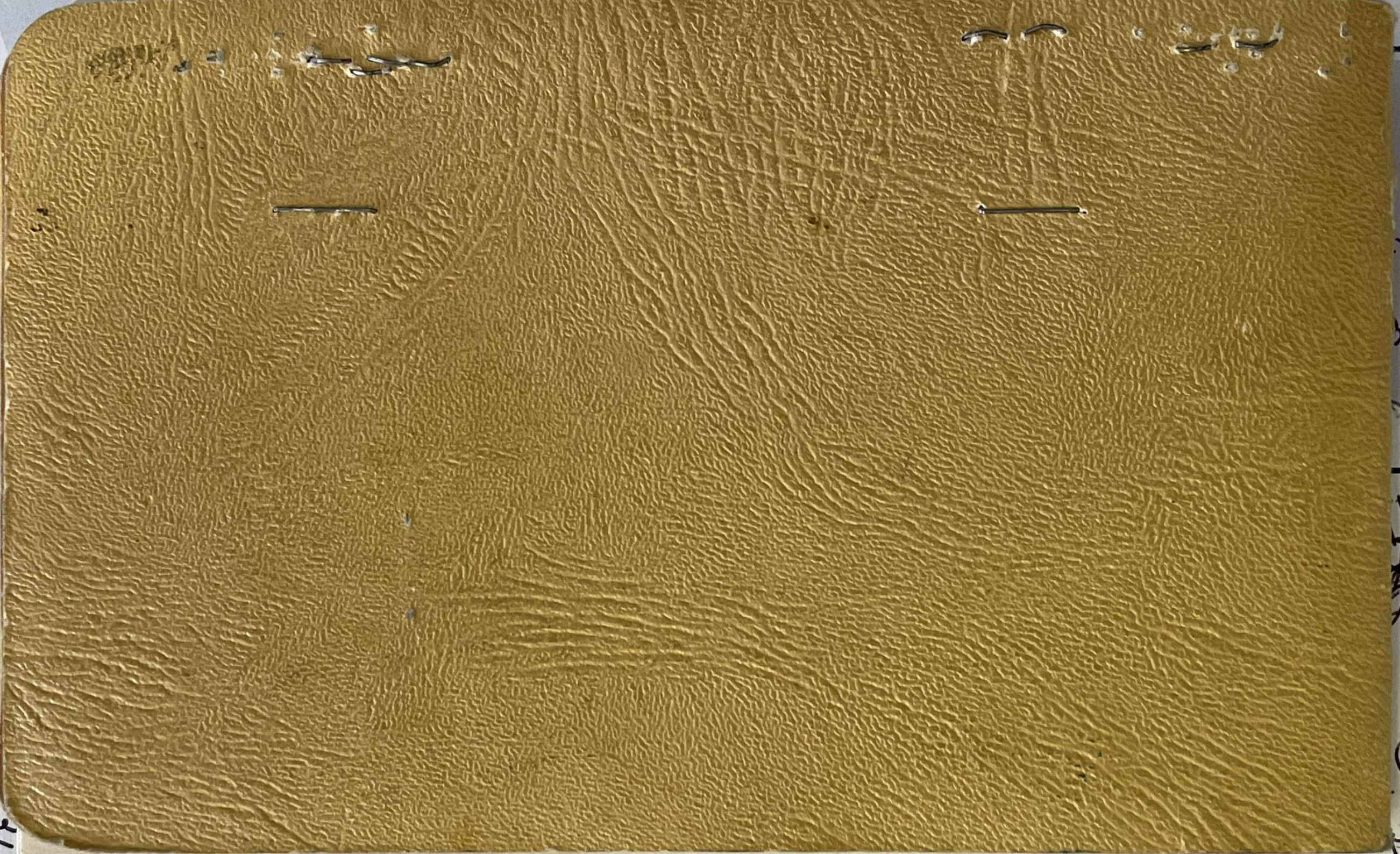
MFG. NO.

371

TYPE

25,000

Complies with
FAR 43, Appendix E



THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

TWIN COMMANCHE N967EY
SERIAL #1577 ADLOG #6938
WILLIAM T. HOLT

N. 967 EY

**AIRFRAME
MAINTENANCE
RECORDS**

AIRFRAME MAINTENANCE RECORDS

Log No. 6938

Aircraft Registration No. N967EY

Aircraft Mfg. Piper Model PA30 Serial No. 1577

Engine Mfg. Lycoming Model IO-320-C1A Serial No. L337755A

Engine Mfg. Lycoming Model IO-320-C1A Serial No. L334655A

Propeller Mfg. Hartzell Model HC-E2YL-2B8F Serial No. BG-2246

Hub Design No. _____ Hub Serial No. _____

Blade Design No. F-7663-4 Blade Serial No's. (1) F63662
(2) F63667

Propeller Mfg. Hartzell Model HCE-2YL-2BS Serial No. BG-371

Hub Design No. _____ Hub Serial No. _____

Blade Design No. 7663-B-4 Blade Serial No's. (1) B86965
(2) B88268

(All applicable information must be filled in)

Refinished by

DATE 5-12-87

COLORS

BASE H7848 White

WORK PERFORMED—
D. OF PERSON PERFORMING WORK



DAT

Lakewood, NJ

TOTAL brought forward from previous page

5/1/87

1768

ANNUAL INSPECTION

Georg Jounan 13662 1A

I certify this Airframe.
This has been inspected
in accordance with a 100 hr.
annual inspection and found
to be airworthy.

A.T. 1768 Date 5/1/87

Georg Jounan 13662-1A

23 OCT 87

Remove NARCO UAT1 Transponder install Terra
TR#230 And Tr120 Radar altimeter As per
Terra installation manual Sec 337

Braden flying 50v
CR5103-2
William

3/18/88

1878

INSTALLED LEFT main + AUX TANK Fuel cells, Replaced
MAIN TANK vent Hoses, Replaced sender unit gaskets
David W. Winkler ACP 1853872229

SERVICEABLE

MEGR. NAME

COMPONENT NAME

PART NO.

SERIAL

The aircraft component identified above
was repaired and inspected in accord-
ance 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

WORK ORDER NO.

DATE

SIGNED

AERO-TECH SERVICES

8354 Secura Way

Santa Fe Springs, California

F.A.A. Certificated Repair

Station No. 4758

ICES
ay
alifornia
repair
B

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
5/27/88	1907		ANNUAL INSPECTION <i>Gray, James</i> 13662-1A I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND AIRWORTHY
5/25/88	1907		Replaced Both main tires, cleaned, greased AND Repacked all wheel bearings, Replaced Bearing cup AND cone left main wheel, Replaced Bungee cords Both main wheels, Retraction test performed operation fine, charged Battery, Replaced Air Filters with Bracket type with BA-27 Element c/w AD 7912-08 IAW SB851A, Fuel valve leakage AND operational test, operation within limits, c/w AD 82-7-3 c/w Jamtrol Combustion Heater By Pressure Decay Test, Heater Held 2.5 PSI For 1 min (within limits) c/w 83-10-01 By DRAINING + cleaning Fuel STRAINER, installed FLAP + Aileron Gap seals By Knobs 2U Inc IAW STC AIEA-SASK.GL <i>David Wunduloh</i> A-P 85382229
8/18/88	1923		Installed taxi light STC #SA13415W as per drawing #3400 B, operational check good see 337 of this date for details. End. <i>William F. Rudolph</i> CRS 103-2 Braden's Flying Service

SUB-TOTAL this page

TOTAL—Carry forward to next page

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
6/15/89	1984	JAME	I HAVE INSPECTED THIS AIRCRAFT IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS FOUND AIRWORTHY <i>Greg Town</i> 13662-1A
6/15/89	1984	1984	Cleaned, inspected + Repacked all wheel Bearings, Replaced Brake Linings on Right side, Replaced Vacuum Regulator Filters (Both), charged Battery, checked cable Tensions, Performed Retraction Test, operation fine C/W AD 79-12-08 on Fuel Selection Valve + found to be within limits, also C/W 83-10-01 on Fuel Strainer B, cleaning + inspection <i>David Wundelich</i> A.P. 185382229
			I certify this Airframe + and has been inspected in accordance with a 100% annual inspection and found to be airworthy. T. 2087 Date 2/5/90 <i>Greg Town</i> 13662-1A
2/3/90	2087	2087	Cleaned + inspected + Repacked all wheel Bearings, charged Battery, checked all cable Tensions, Replaced Right + Left main tires, C/W 79-12-08 Fuel Selection Valve Leakage check IAW SB 851, C/W 83-10-01 on Fuel Strainer C/W 82-07-03 on Control Heater, Held 20 psi for 1 min. C/W 77-13-21 By inspection + Replacement of worn components + Functional Tests IAW SL 782 <i>David Wundelich</i> A.P. 185382229
SUB-TOTAL this page			
TOTAL—Carry forward to next page			

SERVICEABLE

MEGR. NAME

COMPONENT NAME

PART NO.

SERIAL

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

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

WORK ORDER NO.

DATE

SIGNED

AERO TECH SERVICES
8354 Secura Way
Santa Fe Springs, California
F.A.A. Certificated Repair
Station No. 4758

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME
2/8/91		2137

TOTAL brought

REPAIRED ALL wheel Bearings
Replaced BRAKE Linings on Both LEFT + RIGHT main
Replaced O Rings on Right BRAKE Assembly. checked
all cable Tensions, Lubricated all controls, charged
BATTERY, c/w AD 77-12-06 on LEFT propeller by Insp.
by Piedmont Aviation, c/w AD 77-13-21 PART B By Bungee
Replacement, c/w AD 77-12-08 on Fuel selector valve IAW
851A AND c/w AD 83-10-01 on Fuel Bowl by Draining/cleaning
David Wamsterlich AEP 185382229

I certify this Airframe.

has been inspected
in accordance with a ~~100~~ 100%
annual inspection and found
to be airworthy.

2159 Date SEPT 1, 1991

George Tamm
13662-1A

SUB-TOTAL this page

TOTAL—Carry forward to next page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
1			TOTAL brought forward from previous page
10/9/92	2194.1		Cleaned, Inspected + Repacked All wheel Bearings. Lubricate controls. Replaced GLT BATTERY, next due 10/94. Replaced LARD mounts at lower right point on both engines. Replaced leaking Brake puck O ring left Brake. Replaced ALL Brake Linings with new checked control cables for Tension + wear. C/W AD 79-12-08 on Fuel valves By Time-DRAW check - Both valves within stated limits. C/W AD 82-07-03 on JANITROL heater By 100 hr insp. + Pressure Decay Test. Heater held 2.0 PSI for 1 min. Heater holds 124.2. C/W AD 83-10-01 on Fuel selector By Draining + cleaning. Charged BATTERY. Fill Brake Reservoir. David Wunderlich A-P 185387229
			Certify this Airframe + Engine has been inspected in accordance with a 100 hr annual inspection and found to be airworthy. T.T. _____ Date _____
			Certify this Airframe + Engine has been inspected in accordance with a 100 hr annual inspection and found to be airworthy. T.T. 2194.1 Date 10-9-92 George Towns 13662-1A
			SUB-TOTAL this page TOTAL—Carry forward to next page

WISCO Aircraft
 Phone 819 22379
 1124 N. Oliver Rd./Hwy
 NEWTON, KANSAS 67114
 Tel (316) 325-7702

Model No. 70102
 Serial No. 70102
 Date of Manufacture 7-1-78
 Date of Delivery 7-1-78
 The undersigned, having been duly licensed by the Federal Aviation Administration, do hereby certify that the aircraft described herein is in compliance with the applicable Federal Aviation Regulations and is in compliance with the applicable Federal Aviation Regulations and is in compliance with the applicable Federal Aviation Regulations.

Signature of Pilot in Command
 Date of Inspection
 Signature of Inspector
 Date of Inspection

DATE	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		TOTAL brought forward from previous page
18 Dec 92	2210.0	Remove IRmonow LOAN C system, shock mounted Center Gyro Panel also Plastic False Panel. Fabricated new instrument Panel with Post Lights in stall ARNAV R50 LOAN, ARNAV MPD5000 Multi-Function Display Cockpit management System AS per manufacturers SPEC See 337, Weight and Bal This Date for Details Brad on Flying Sor CRSBFI032K William Hall
		I certify this Airframe & Engine has been inspected in accordance with a 100 hour annual inspection and found to be airworthy. I. T. 2246 Date 9/15/93 George Towns 13662
9/14/93	2246	Cleaned, greased & Repacked all wheel Bearings, Replaced Brake Linings & Tires on Both mains, check all cable Tensions. Cleaned & Painted Battery Box & charged Battery. C/w AD 79-12-08 on Fuel valve leakage. By Time/Drain check Both valves within stated limits. c/w 83-10-01 on Fuel selection By Draining & cleaning. David Wunscheh AP185387229

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
4 AUG 94			Remove Piper Altimatic III AutoPilot system with 1C388 Radio Coupler and Glide Slope Coupler, 3M WX8 Stormscope Weather Mapping System. Install insight Avionics Strikefinder Digital Weather Avoidance System, Century 2000 Flight Director/AutoPilot system with 1D938 Altitude Pre-Select AS Per Mfg. Installation information and AC43-13-1A Ch 11, AC 43.13-2A Ch 2, 3, 11. See 337, Weight and Bal. information this Date for Details Braden Flying Ser CRSBFI R032K William J. Roach
WT 2594.94			
ARM 84.67			
MOM 219726.36			
4 AUG 94			Install ARNAV/EMM 35 Engine monitoring system interconnected with MFD5000 EICAS system as per ARNAV Installation Guide PN570-1068B Dated April 94, AC43.13-1A and AC43.13-2A. System tested in accordance with Mfg. Spec. See 337, Weight and Bal. information this Date Braden Flying Service CRSBFI R032K William J. Roach
WT 2600.34			
ARM 84.6			
MOM 219985.01			
Verify that the altimeter and static system tests required FAR 91.411 Part 43 Appendix E have been performed. The altimeter was tested to 20,000 feet Date 10 Aug 94 Static system test date 10 Aug 94 Signature William J. Roach			The ATC Transponder test and inspections required by FAR 91.413 Part 43 Appendix F were performed this date. ATC Transponder 1 Make TSC10 S/N 409 Model TSC10 Details of this inspection are on file at CRS #BF1R032K under WO 21709 Date 10 Aug 94 Signed William J. Roach
BRADEN'S FLYING SERVICE, INC.			
CRS # BF1R032K			
SUB-TOTAL this page			
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
8-10-94	2354		REMOVED EXISTING OPERATORS AND ASSOCIATED CONTROLS. INSTALLED BTL 9700 CAPACITY PRODUCTS AND ASSOCIATED CONTROLS IN MANUFACTURER'S DRAWING, INSTALLATION & PETS, AND FIRED APPROVED 337 DATED 8-10-94. GPE WTB REVISION DATED 8-5-94. THIS INSTALLATION USES CATPS BOLT 7315. FLIGHT TEST SATISFACTORY. / E-24 CPS BF12032K
10/14/94	2391		Cleaned, inspected & repacked all wheel bearings. Replaced wheel bearings & races in nose wheel. Replaced main tires with 600 x 6 GPR Candors. Replaced outboard ELT Battery with new - next due 10/96. Replaced vacuum regulator filters. Checked cable tensions. Lubricate controls. C/w 77-13-21 by Bungie Cord Replacement (Part B). C/w 79-12-08 on Fuel Valve Leakage by Time/Volume check as per Service Letter 851A. Both valves within limits. C/w 82-07-03 on Tank/Rel Heater by inspection & Pressure Decay Test. Held 3.0 psi for 1 min (within limits) Heater Holds 124.7. C/w 83-10-01 on Fuel Strainers by Drawing & cleaning. Dave Wunderlich API85387229
			I certify this Airframe & Engine has been inspected in accordance with a 100-hour annual inspection and found to be airworthy. R. E. 2391 Date 10-15-94 George Jones 13662-1A
5/10/95			Installed New FLAP motor - TEST RUNS FINE Dave Wunderlich API85387229
SUB-TOTAL this page			
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DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTAL brought forward from previous page

6/21/95

Replaced Right Inboard Fuel cell. Checked For
Leaks After Filling - No Leaks Found. Replaced all
Sender gaskets + Sender plate gaskets as well.

Daniel Wunderlich AP185387229

11/10/95

14663
2590

Cleaned, greased + inspected all wheel Bearings. Replaced
Brake Rotors + Linings on Both main wheels. Replaced
Worn Sidebrace Bushings. Performed Retraction Test 1/1
Charged Battery, checked all cable Tensions, checked condition
of Bungee Cords. Replaced Tip Tank sender gaskets
+ hoses. Both wings, c/w 79-12-08 by Time/Volume check
in accordance with SL851A - Both valves within limits
c/w 83-10-01. By Draining + cleaning Fuel Strainers

Daniel Wunderlich AP185387229

November 10, 1995

I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED
IN ACCORDANCE WITH AN ANNUAL INSPECTION AND
WAS FOUND TO BE AIRWORTHY - TT (HBBAS 2590)

Max Joun

13662-1A

~~I certify that the engine has been inspected
in accordance with a 100 hr
annual inspection and found
to be airworthy.~~

~~Signature _____ Date _____~~

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
12/6/96	16665 2663		Cleaned, inspected and repacked all wheel bearings. Replaced nosewheel bearings. Checked all cable tensions. Charged battery. Checked condition of bumper cords C/W 95-20-07 on main gear sidebrace studs by replacement with new studs (P/N 22512-00) and new bushings P/N 20737-13 & 20737-14. Performed Retraction Test 61 C/W 79-12-08 on fuel selector by Time/Volume check IAW SL 851A. C/W 82-07-03 on JANTREL Heater by 100 lb wsp and pressure decay Test. Held 30 psi for 1 min. Heater Halls 764 C/W 83-10-01 on Fuel selector & STRAINERS by draining and cleaning. Replaced ELT Battery - Battery next due. — <u>Darin Wunschlich</u> AP185387229 — DEC 6, 1996 I certify this Airframe, Engine has been inspected in accordance with a 100 annual inspection and found to be airworthy. HAB 1 2663 Date 12-6-96 <u>Greg Louie</u> 13662-1A
17 Jan 97	16665 2676.3		I certify that the altimeter and static system tests required by FAR 91.411 Part 43 Appendix E have been performed. The altimeter was tested to <u>20,000</u> feet. Date <u>17 Jan 97</u> Static system test date <u>17 Jan 97</u> Signature <u>W. L. L...</u> US Avionics CRS-XX5R660N The ATC Transponder test and inspections required by FAR 91.413 Part 43 Appendix F were performed this date. ATC Transponder L Make <u>Teas</u> S/N <u>409</u> Model <u>TET2500</u> Details of this inspection are on file at CRS-XX5R660N under WO <u>000193</u> Date <u>17 Jan 97</u> Signed <u>W. L. L...</u> US Avionics CRS-XX5R660N

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5/3/97
Page No.

2684.7

INSTALLED FRONT SEAT INERTIA REELS, SEE 337 + W+B REV.
David Mathiesen

DAVID MATHIESEN
A & P 1396411261.A.

May 23, 1997

MOYER AVIATION INC. EASTON AIRPORT (N43)
3800 SULLIVAN TRAIL EASTON, PA 18040

N-Number N967EY Model PA 30 Serial # 1577 Tach Time 2689

Install new clamp on left parking brake cable. Replace oxygen bottle with new. Replace battery with new.
Service brake reservoir with MIL-H-5606. END



Tom Gilbert



Tom Gilbert AP192628721IA
for Moyer Aviation Inc.

12/3/97 2735.4 2735.4

ADS CK'd YAW

BW 97-22

COMPLETED ANNUAL INSP. FAW PIPER FORM.
REPAIRED ALL WHEEL BEARINGS, RETRACTION TEST,
C/W AD 77-13-21 REPLACED BUNGERS,
C/W AD 79-12-08 FUEL SELECTOR VALVES,
C/W AD 83-10-01 WATER & FUEL SYSTEM INSP.

Air-Mods & Repair Inc.
Old Bridge Airport (3N6)
182 Pension Rd. English Town.
N.J. 07726 (908) 446-0703

Tachometer 2735.4 Total Time 2735.4 I certify that
this (aircraft)(engine) has been inspected in accordance
with a ANNUAL (100 HOUR) inspection and was deter-
mined to be in airworthy condition.

Time since last insp. 72.4

Dated 12/3/97 W.O. # N/A

Signed *David Mathiesen*

DAVID MATHIESEN
A & P 1396411261.A.

2/26/00 2830 2830

C/W ANNUAL INSP. FAW PIPER FORM. MEETS
Req. of FAR PART 43, APP. D.
REPLACED BOTH L.D.G. LIGHTS, TAIL NAV,
& BELLY STROBE, REPLACED BOTH MAIN TIRES,
REPLACED L.H. CALIPER SETS, REPLACED ELT BATTERY.
NEXT DUE 4/02, C/W FAR 91.207(C) ELT INSP.
C/W 79-12-08 FUEL SELECTOR VALVES INSP.
C/W 83-10-01 WATER & FUEL SYSTEM INSP.

AIR-MODS & REPAIR INC.
OLD BRIDGE AIRPORT (3N6)
182 PENSION RD. ENGLISHTOWN
N.J. 07726 (732) 446-0703

Tachometer 2830 Total Time 2830 I certify that
this (aircraft)(engine) has been inspected in accordance
with a ANNUAL (100 HOUR) inspection and was deter-
mined to be in airworthy condition.

Time since last insp. 94.6

Dated 2/26/00 W.O. # N/A

Signed *David Mathiesen*

DAVID MATHIESEN
A & P 1396411261.A.

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			CRS#: D5QR162X AERODYNAMICS AVIONICS 104B West Apron Drive Reading, PA 19605 11/22/02 N967EY PA-30-160 HOBBS: 2,912.2 WO# 28065 PIPER S/N: 30-1577 1AV. MFD5200 MAP/68400 Updated customer's MFD5000 Arnav MAP to Arnav MFD5200 IAW Arnav Systems, Inc. MFD5200 Installation Guide Part Number 570-1057H dated August, 2000. Aircraft Wt. & Bal. modified to reflect this change. This is a minor alteration. 2AV. DATA LINK RECEIVER/300081 Installed Arnav DR-100 Data Link System IAW Arnav Systems, Inc. MFD5200 Installation Guide Part Number 570-1057H dated August, 2000. Aircraft Wt. & Bal. modified to reflect this installation. Reference FAA Form 337. 3AV. ARNAV MAP/N/R Installed new exchange #3 & #4 right engine EGT probes & checked ok. Also found #4 left engine EGT probe erratic. Install new #4 left engine probe. 4AV. BELOW/BELOW Complied with FARs 91.411 to 20k ft. & FAR 91.413. All tests meet requirements of FAR 43 app E & F. TRANSPONDER #1 1090.0 MHZ/-76.0 DBM 230 WATTS. TRANSPONDER #2 1089.0 MHZ/73 DBM 220 WATTS. DATA SHEETS REF. WO.28065 STD ALTIMETER - Aerosonic 101420-1249L S/N 27509C REMOTE ENCODER - Terra AT-3000 S/N 18272 #1 TERRA TRT-250D XPDR S/N 000409 #2 TERRA TRT-250 XPDR S/N 000256 5AV. PULSAR SYSTEM/03-1900-2000 Installed AvTek Pulsar System IAW STC# SA5156NM. Installed Pulsar per Manufacturer's Instructions Per AC 43.13.1a end. Installation Manual Report Number SV 1004-1 dated 12/20/91. This is a minor alteration. <i>Timothy J. Kupa</i> CRS# D5QR162X
			CRS#: D5QR162X AERODYNAMICS AVIONICS 104B West Apron Drive Reading, PA 19605 07/29/03 N967EY PA-30-160 A/C TT: 2,939.5 WO# 28383 PIPER S/N: 30-1577 HOBBS: 1AV. J.P.INST.EGT/CHT/03670 Installed J.P.Instruments EDM-760 EGT/CHT System per STC# SA00729SE. Aircraft Wt. & Balance modified to reflect this installation. Reference FAA Form 337. <i>Michael Kupa</i> CRS# D5QR162X

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
12-8-03 JM 1-8-04	2980	Tach	C/W ANNUAL INSP. CLEANED & PACKED ALL WHEEL BEARINGS REPAIRED ALL TIRES & TUBES. NEW GEASE SEALS ON MAINS BEARINGS C/W AD 79-12-08 FUEL SELECTOR VALVES BY INSPECTION NEXT DUE 3040 Tach C/W AD 83-10-01 FUEL SUMP BOWLS BY CLEANING NEXT DUE 3040 Tach REMOVED ELT FOR SERVICE I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY Joseph W. Mihal AP 153500199IA
1-10-04	2980	Tach	INSTALLED ELT WITH NEW BATTERY TO EXPIRE 2-05 ELT INSPECTED & TESTED IAW 91.207(d) Joseph W. Mihal
11-1-04	3030	Tach	REPLACED AUX FUEL CAPS REPLACED LEFT AUX FUEL SENDER CLEANED & PACKED ALL WHEEL BEARINGS PERFORMED GEAR RETRACT AND EMERGENCY EXTENSION TESTS. C/W SL 782. LUBED ALL NEEDED POINTS REPAIRED RIGHT ENGINE BAFFLE AT OIL COOLER MOUNT I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IAW AN ANNUAL AND DETERMINED TO BE AIRWORTHY Joseph W. Mihal AP 153500199IA
SUB-TOTAL this page			
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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
12-1-05	3060	TACH	REPLACED BOTH BRAKE DISCS CLEANED AND PACKED WHEEL BEARINGS IN NOSE GEAR REPLACED MAIN WHEEL BEARING REPLACED MAIN TIRES C/W AD 77-13-21R1 LANDING GEAR PAR B REPLACED BUNGEE CORDS NEXT DUE 12-08 OR 3560 TACH C/W AD 96-20-07 HEATER PRESSURE DECAY NEXT DUE 12-07 OR 170 HEATER HOBBS REPLACED HEATER IGNITOR PLUG AND COMBUSTION BLOWER MOTOR BRUSHES. REPLACED ELT BATTERY TO EXPIRE 6-07 ELT TESTED AND INSPECTED IAW 91.207(d) I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY Joseph Whelan AP 153500199IA
11-1-06	3130	HOBBS	RESEALED BOTH BRAKE HOUSINGS AND BLEED BRAKES SERVICED RES. AS NEEDED. REPLACED NOSE WHEEL BEARINGS & RACES. PERFORMED LANDING GEAR RETRACT TEST AND EMERGENCY EXTENSION REPLACED ALL FLAP ROLLERS. REPLACED FUEL DOOR GASKETS. C/W AD 96-20-07 PRESSURE DECAY TEST NEXT DUE 11-08 OR 184 HEAT ER HOBBS. C/W AD 2004-25-16 VISUAL INSPECTION NEXT DUE 3230 OR 11-07 REPLACED ELT ANTENNA INSPECTED AND TESTED ELT IAW 91.207(d)
			SUB-TOTAL this page
			TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE AIRWORTHY Joseph Whitman AP 153500199IA
10-107	3180	HOBBS	REPLACED LEFT MAIN FUEL CELL WITH NEW REPLACED BOTH MAIN TIRES CLEANED AND PACKED WHEEL BEARINGS RESEAL LEFT WHEEL BRAKE BLEED SYSTEM REPLACED ELT BATTERY NEW BATTERY TO EXPIRE 01/2010 ELT TESTED & INSPECTED IAW 91.207(d) C/W AD 79-12-08 FUEL SELECTOR C/W AD 83-10-01 FUEL STRAINER C/W AD 96-20-07 PRESSURE DECAY C/W AD 2004-25-16 KELLY VISUAL I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED IAW AN ANNUAL INSPECTION AND DETERMINED AIR- worthy Joseph Whitman AP 153500199IA
12-1-08	3249	140BBS	RESEALED ALL GEAR STRUTS SERVICED WITH 5606 & DRY NITROGEN REPLACED LANDING GEAR BUNGEE'S IAW AD 77-13-21 R1 PART B NEXT DUE 12-11 OR 3749 140BBS. CLEANED & PACKED ALL WHEEL BEARINGS. RESEALED BOTH BRAKE HOUSING SEALS BLEED BRAKE SYSTEM. REPLACED RIGHT BOOST PUMP WITH NEW C/W AD 79-12-08 FUEL SELECTOR IAW SB 851 A NEXT
			SUB-TOTAL this page
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OVER

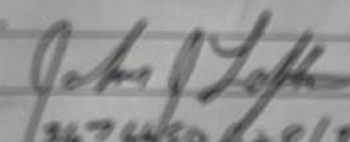
DATE	TOTAL TIME IN SERVICE	TOTAL OR RECOMMENDED SERVICE TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
12-10-10	3376 HOURS		Cleaned & Packed Wheel Bearings Replaced Main Gear Tires & Tubes. Replaced Left Wheel Brake Cylinder Reveal Right Wheel Cylinder. Replaced All Brake Linings Bleed Brake System C/W Pipe SB 1160 Stop Torque Tube by inspection. Replaced Fuel Strainer Filters C/W AD 72-12-08. Checked Fuel Leakage C/W AD B3-10-01 Fuel Strainers C/W AD 36-20-07 Heater Delay C/W AD 2004-25-16. Reval Fuel Valve Visual inspection. I certify that this Aircraft was inspected in accordance with the Annual inspection and Deemed Airworthy. Joseph W. Welch AP153520199IA
11-15-11	3481 HOURS		Cleaned & Packed Wheel Bearings & Serviced and Adjusted All Cold Starts. Replaced Fuel Leak Right wing Aux Tank C/W AD 72-12-08 Fuel Cross Port Leakage by inspection. Next Due 3531 HOURS. C/W AD B3-10-01 Fuel Strainers Next Due 3531 HOURS. C/W AD 36-20-07 Heater Delay Test Next Due 3531 HOURS. C/W AD 2004-25-16 Heater Fuel Valve by insp. Next Due 3531 HOURS. INSPECTED AND TESTED ELT IAW 91.207(d) NEW BATTERY TO EXPIRE 2-2014. I certify that this Aircraft was inspected IAW AN ANNUAL
			SUB-TOTAL this page
			TOTAL—Carry forward to next page

OVER

DATE	TOTAL TIME IN SERVICE	TIME ON REPAIRS (HOURS)	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			INSPECTION AND DETERMINED TO BE Airworthy Joseph W. W. H. A. L. AP153506123IA
1-10-11	3422		CLEARED & PAIRED ALL WHEEL BEARINGS REPLACED BOTH MAIN BEARINGS C/W AD 72-1200 FUEL COCKS FOR LEAKAGE BY INSPECTION NEXT DUE 3543 HOURS C/W AD B3-10-01 FUEL STRAINERS NEXT DUE 3543 HRS C/W AD 96-20-07 HEATER DELAY NEXT DUE 228 HEATER HOURS C/W 2004-25-14 HEATER FUEL VALVE BY WIP. NEXT DUE 3543 HRS INSPECTED (TESTED) EIT 1AW 31.227(d) I CERTIFY THAT THIS AIRCRAFT WAS INSPECTED I AM AN ANNUAL INSPECTION AND DETERMINED TO BE Airworthy Joseph W. W. H. A. L. AP153506123IA

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DATE	TOTAL TIME IN SERVICE	ADDITIONAL WORK PERFORMED DATE TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
01/19/2014	3600	3600	N967EY PA-30 S/N: 1577 C/W Annual Inspection. C/W AD's 2004-29-16 Kelly Visual Heater Fuel Valve. AD's 96-30-07 Jan. Fuel Heater Decay. 83-10-01 Fuel Strainer AD 79-42-00 Fuel Selector. See AD Log for Details. Inspected FLT IAU FAR 91.207(d)(1-4). No defects noted, Ops check good and New Battery expires: June 2016. Removed and replaced Lt and Rt MLG Tires. Removed and replaced Landing Gear Bumpers Ops check of landing gear good. Removed and replaced Lt and Rt MLG brake housing Onrags. Re-serviced and bleed brake system. Serviced all wheel bearings. Serviced and charged battery. Inspected airframe no required. I certify that this airframe has been inspected IAU as annual inspection, and has been determined to be in an airworthy condition.  367450 R/P/IA
SUB-TOTAL this page			
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DATE	TOTAL TIME IN SERVICE	TOTAL HOURS	DESCRIPTION OF WORK PERFORMED: SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
01 May 15 3654	3654		C/W Annual Inspection. C/W ADs 96-12-07 Magneto Impulse Couplings (Lt and Rt Eng) IAW Para. (B)(C) and 5B 599B. Next due: 4154 Hrs. AD 81-19-04 Ray Turbo Charger hoses. IAW Para (1), Next due: 05-2020. AD 79-12-8 Fuel Selectors IAW SL 851A Next due: 3704. AD 83-10-01 IAW Para (2)(a-c) Next due: 3704. AD 2004-25-16 Kelly Heater Fuel Valve. IAW Para (1). Next due: 05-16. Inspected/ELT IAW FAR 91.207(d)(1-4) Ops check good, Battery expires: June 2016. Serviced all wheel bearings. Serviced and charged battery. I certify that this airframe has been inspected IAW an annual inspection and has been determined to be in an airworthy condition. <i>John J. Lefty</i> 36764/5046P/IA
2-25-6 3761.0 3762.0			removed left main gear turning out for again assembled, refueled situation <i>Arthur J. Puchner</i> 16246 0028
SUB-TOTAL this page			
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05/01/2016

N957EY

PA-35-150

SN 30-1577

Holds 2762

Total Airframe 3762

C/W Annual Inspection, C/W AD's 79-12-08 Fuel Selector (A/W SL 85-1A)

Next due 3802, AD 83-10-01 Fuel Selector Valve Strainer Filter

(A/W Para (2) (a-c) Next due 3802, AD 2004-25-16 Kelly Heater Fuel

Valve (A/W Para (1) Next due 05-17

Inspected ELT (A/W FAR 91.207(a)(1-4) Ops check good. Battery expires

05-2018

Removed LI MLG strut housing, sent out for repair. See yellow from S&B

Industries, Inc. for details. Reassembled, reinstalled and serviced strut using

new seals and hardware as required. Retraction check good. Removed and

replaced both LI & RI MLG tires and tubes

Removed and replaced both MLG retract Bungees. Next change due 05-2018

I certify that the airframe has been inspected (A/W an annual inspection, and

has been determined to be in an airworthy condition.

John J. Lofgren
John J. Lofgren
05/01/2016

5-2-17 1762.0 3762.0 installed new ELT battery and tested
as per FAR 91.207.0 battery due 5-18
installed new main taxi P/N 072-205-0
and performed inspections

John J. Lofgren
16246038

8-1-17 1802.0 3802.0

John J. Lofgren 283.0

ELT 3802.0 and 3802.0
This aircraft's condition has been inspected by me and
with a 3802.0 17 FAR 91.207 inspection and no discrepancies
found on 8-1-17

and 8-1-17

and John J. Lofgren 16246038

Tested ELT in accordance with FAR 91.207.0
battery due 5-18

Inspected all wheel bearings, control cables, push rods
Tested landing gear, inspected and serviced battery
repaired left landing gear door stops.

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copied with AD.

75-12-88

fuel selector

83-10-01

fuel strainer filter

2009-25-16

heater fuel valve

2005-24-05

P/M/POH changed

removed ELT. installed new battery P/N

BP-1010

tested as per FAR 91.207(D)

new due date June 2020

6.2-14 3857.0 3857.0

Costa (Toby) 11-14-0035

11-21-18 3835.2 3835.2

heater knob

206.4

3835.2

discrepancy

4.0

3835.2

11-24-18

Costa (Toby) 11-14-0035

removed right landing gear assembly installed
 replaced compression spring P/N 484 916
 replaced bearing P/N 8097 left and right
 main gear

replaced lock down springs P/N 8330L-040

left and right main gear

replaced flap return springs P/N 63302-010G

left and right

replaced ELT as per FAR 91.207(D)

battery due date June 2020

copied with AD.

75-12 fuel selector

83-10-01 fuel strainer filter

2009-25-16 heater fuel valve

SUB-TOTAL this page

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copied with A.D.s.
79-12-88 fuel selector
83-10-01 fuel strainer filter
2009-25-16 heater fuel valve
2015-24-05 AFM/POH change
G 2-18 3857.0 3857.0 removed E.L.T. installed new battery P/N
BP-1010 tested as per FAR 91.207(P)
new due date June 2020

Auth. T. Trudy. 162460038

11-24-18 3858.2 3858.2
heater habits
206.4

Chrometer 3858.2 Total Time 3858.2 certify this
this (airframe) is in accordance with the
with the inspection and was determined to be
in good condition.
Dated 11-24-18

Signed Auth. T. Trudy. 162460038

removed right landing gear repaired reinstalled
replaced compression ring P/N 484 826
replaced bungs P/N 8097 left and right
main gear
replaced lock down springs P/N 83302-040
left and right main gear
replaced flap return springs P/N 83302-040
left and right
expected E.L.T. as per FAR 91.207(D)
battery due date June 2020
copied with A.D.s.
79-12 fuel selector
83-10-01 fuel strainer filter
2009-25-16 heater fuel valve

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	SIGNATURE
TOTAL brought forward from previous			

05/01/2016
Hobbs: 3762 N967EY PA-30-160 S/N: 30-1577
C/W Annual Inspection. C/W AD's 79-12-08 Fuel Selector IAW SL 851A.
Next due: 3802. AD 83-10-01 Fuel Selector Valve Strainer Filter
IAW Para. (2)(a-c). Next due: 3802. AD 2004-25-16 Kelly Heater Fuel
Valve. IAW Para (1). Next due: 05-17.
Inspected ELT IAW FAR 91.207(d)(1-4). Ops check good. Battery expires:
06-2016.

Removed Lt. MLG strut housing, sent out for repair. See yellow from S&B Industries, Inc. for details. Reassembled, reinstalled and serviced strut using new seals and hardware as required. Retraction check good. Removed and replaced both Lt & Rt MLG tires and tubes.
Removed and replaced Both MLG retract Bungees. Next change due: 05-2018.
I certify that this airframe has been inspected IAW an Annual inspection, and has been determined to be in an airworthy condition.

John J. Loftis
John J. Loftis
3676650A&P/IA

5-2-17 3762.0 3762.0 installed new E.L.T. battery and tested as per FAR 91.207 D battery due 5-18
installed new main tires P/N 072-315-0 and performed retractions

Arthur J. Lush
162460038

8-1-17 3837.0 3837.0
Heater Hobbs 203.0

40165 3837.0
Tachometer... Total Time... 3837.0
This (aircraft) (engine) has been inspected in accordance with an ANNUAL (100 HOUR) inspection and was determined to be in airworthy condition.
Dated... 8-1-17
Signed... *Arthur J. Lush* 162460038

Tested E.L.T. in accordance with FAR 91.207 D battery due 5-18
lubed all wheel bearings controls cables and bungees
lubed landing gear inspected and serviced battery
repaired left landing gear door stops.

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Work brought forward from previous page

copied with A.D.s.
79-12-88 fuel selector
83-10-01 fuel strainer filter
2009-25-16 heater fuel valve
2015-24-05 AFM / POH change
removed E.L.T. installed new battery P/N
BP-1010 tested as per FAR 91.207(P)
new due date June 2020

G-2-18 3857.0 3857.0

11-24-18 3858.2 3858.2
heater habits
206.4

odometer 3858.2 Total Time 3858.2 certify that
this aircraft has been inspected in accordance
with the applicable inspection and was determined to be in safe condition.
Dated 11-24-18
Signed Arthur F. Towle 162460038

removed right landing gear repaired reinstalled
replaced compression ring P/N 484 826
replaced bungs P/N 8097 left and right
main gear
replaced lock down springs P/N 83302-040
left and right main gear
replaced flap return springs P/N 83502-040
left and right
inspected E.L.T. as per FAR 91.207(D)
battery due date June 2020
copied with A.D.s.
79-12 fuel selector
83-10-01 fuel strainer filter
2009-25-16 heater fuel valve

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			2015-24-05 AFM/POT1 change
			2017-15-05 N/A by moka
			performed decay test on heater
12-20-19	3921.2	3921.2	Tachometer 3921.2 3921.2 This aircraft was inspected with an annual inspection and was determined to be in airworthy condition. Dated 12-20-19 Signed Captain L. Taylor 16200038 replaced vac. sep. reg. filters left and right P/N B8-5-1 installed new left and right main tires and tubes P/N 6.00-6-6 130844 lubed all controls wheel bearings pulleys and cables. inspected E.L.T. on per FAR. 91.207 (D) battery One June 2020 removed nose strut installed seal kit P/N J M P 1130 N covered with MIL-5606 changed to proper height with nitrogen cleaned fuel bowl filters checked spare bottle tongue and tongue sealed checked all strut tubes and checked brake linings lubed heater for leaks and proper ops. lubed rudder horn and screw lubed landing gear good to run engaged with A.D.S. 79-12-88 fuel selector 83-10-01 fuel strainer filter 2009-25-16 heater fuel valve
			SUB-TOTAL this page
			TOTAL—Carry forward to next page

		TIME	PERSON PERFORMING WORK
TOTAL brought forward from previous page			
2-1-21	3934.5	3934.5	2016-24-05 AFM/POX change 3934.5 this is a change with a new which to be in airworthy condition. dated 2-1-21 ned. Arthur J. Zundorf. 102460038
heater Hobbs	215.0		
F.L.I. battery			inspected heater for leaks and prepack checked vac. reg. filters PN B3-5-1 inspected & L.I. as per FAR 91.207(0) changed battery PN BP-1010 new due date inspected tires braked lube landing gear performed retraction lube pulleys and controls complied with A.D.s. 79-12-88 fuel selector 83-10-01 fuel strainer filter 2009-25-16 heater fuel valve
Due Feb. 23			
S-4-21	3935.1	3936.1	installed new main landing gear bumper performed retraction ops. as per Arthur J. Zundorf. 102460038

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Page No. _____

Pg 1 / 1 | AING WORK

REPAIR STATION UNDER W/O 80393. PERTINENT DETAILS OF THE MAINTENANCE PERFORMED

REPAIR STATION UNDER W/O 80393. PERTINENT DETAILS OF THE MAINTENANCE PERFORMED

KG2R951K RUSSELL PARKER

Date _____

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DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

DATE

TOTAL
TIME
IN
SERVICETACH OR
RECORDING
METER
TIME

TOTAL brought forward from previous page

*Air Mods and Repair, Inc.
Trenton-Robbinsville Airport (N87)
Factory Authorized Mooney Service Center*

AIRFRAME

N967EY 3/8/23 AFTT:3938.8 Hobbs:3938.8 Heater Hobbs:215.1 Since insp: 4.8

- C/W Annual inspection & servicing IAW Piper PA30 inspection form and requirements of FAR 43 Appendix D. Installed new Garter Filters L & R.
- Repaired taxi light wiring, patched RH wheel well liner fairing.
- C/W FAR 91.207 (d) ELT by insp. /ops check. Batt Exp. 3-2025
- C/W AD 77-13-21 R1 Landing gear bungess replaced next due: 3-26 or 4438.8
- C/W AD 79-12-08 Fuel selector valve leakage next due 3988.8
- C/W AD 83-10-01 water and fuel system inspection next due 3988.8
- C/W AD 97-01-01 R1 side brace studs inspection next due 4938.8
- C/W AD04-25-16R1 Fuel Regulator Shutoff. next due 3/24
- C/W AD04-21-05 Combustion Tube/Pressure Switch 100 heater Hrs./24 months.
- C/W AD 15-24-05 inspect for placard (still present) next due 3/24
- C/W AD 17-15-05 heater tube extension by inspection next due 3963.8
- AD compliance checked thru bi-weekly 2023-05.
- C/W Additional Annual Inspection required ICAs.

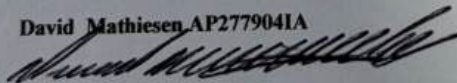
*Air Mods and Repair, Inc.
Trenton-Robbinsville Airport (N87)
Factory Authorized Mooney Service Center*

AIRFRAME

N967EY 3/8/23 AFTT:3938.8 Hobbs:3938.8 Heater Hobbs:215.1 Since insp: 4.8

I certify that this aircraft has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition.

David Mathiesen AP2779041A



DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			

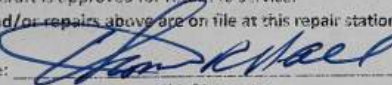
AERO INDUSTRIES, INC.
5745 HUNTSMAN RD.
RICHMOND INTL AIRPORT
VA. 23250-2411

ENTER IN: AIRFRAME RECORD

DATE - 14 APRIL 2023
MAKE - PIPER
M/N - PA-30-160
S/N - 30-1577
REG. # N967EY
HOBBS: 3946.8 HOURS

Complied with the following in accordance with Piper PA-30-160 M/M unless otherwise noted:

- Preliminary Inspection accomplished in accordance with Aero Industries, Inc. Form 005.
- LH engine ring gear has damaged teeth: Removed damaged ring gear and installed new ring gear P/N 72556 IAW Lycoming Direct Drive Overhaul Manual and secured on engine. Operational going on new ring gear during engine starting operations.
- Both propeller spinners are cracked near blades: Removed spinners and sent to ASEI Inc. for repairs. Received and reinstalled repaired spinners IAW Piper PA30 M/M Section VIIA & Hartzell Manual 145 Operator's Manual.
- Both propeller spinner bulkhead plates are cracked in various places: Removed both propellers and removed both bulkhead plates, P/N W23815-000 and sent to ASEI Inc. for evaluation. Received two new customer supplied bulkhead plates, P/N W23815-000 as replacements. Removed the new bulkhead plates IAW previously installed STC SA184EA Installation Instructions for Propeller Anti-Ice Kit, Document # WAP-501 Rev 1 dated 1/27/70, Page 8 Paragraph G, Spinner Bulkhead Modification. Installed new bulkhead plates after modification on each propeller IAW STC SA184EA and Hartzell Manual 145, Operator's Manual. Installed both propellers on engines with new o-ring P/N MS29513-228 IAW Manual 145, leak check good on ground engine run.
- LH propeller requires prop balance, check/adjust: After maintenance above, complied with propeller dynamic balance IAW Hartzell 145 Owner's Manual and ACES Pro-Balancer Quick Reference Guide. Initial starting Inches Per Second (IPS) on the left propeller was .38 at 2400 RPM. Added 9 grams of weight to propeller at 140 degrees and 9 grams of weight at 90 degrees. Final IPS reading is .07 at 2400 RPM. Weights are secured to new bulkhead plate IAW Hartzell Manual 145.
- RH propeller requires prop balance, check/adjust: After maintenance above, complied with propeller dynamic balance IAW Hartzell 145 Owner's Manual and ACES Pro-Balancer Quick Reference Guide. Initial starting Inches Per Second (IPS) on the right propeller was .56 at 2400 RPM. Added 25 grams of weight to propeller at 140 degrees and 13 grams of weight at 90 degrees near the leading edge of # 1 blade. Final IPS at 2400 RPM is .05. Weights are secured to new bulkhead plate IAW Hartzell Manual 145.
- Ran propeller de-ice system, both systems flow de-ice fluid as required to slinger ring for proper feed out discharge nozzles IAW STC and PA30 M/M Chapter 30. Leak check good on prop de-ice hose assembly on each engine. OK for service.
- Complied with Final Inspection for work accomplished under this work order.
- The maintenance described above was inspected and repaired in accordance with current technical data and FAA Regulations and with respect to the work performed, the aircraft is approved for return to service.
- Details of this inspection and/or repairs above are on file at this repair station under Work Order No. 70951. 3946.8 Hobbs Hours

Signature: 

Chief Inspector

CRS Certificate No: BIER466C

Model - PA30B-160
AIRFRAME Serial Number - 1577
Registration - N967EY
Date 01/19/2024, Hobbs 3964.3hrs

1. Repaired left lower engine cowl crack near cowl flap hinge.
2. Cleaned underside of plane.
3. Powder coated copilot's yoke.
4. O2 hydrostatic test on bottle Sn: 572. Due again in 5yrs.

Pierre Doyon
A&P 2719660



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PERFORMED ANNUAL INSPECTION IAW FAR 43 APPENDIX (D) USING PA30 INSPECTION FORM AS A GUIDE.
COMPRESSIONS WERE L/H 1.76 2.76 3.79 4.76 R/H 1.76 2.75 3.78 4.78 OVER 80, INSTALLED NEW INSTRUMENT
AIR FILTERS P/N B3-5-1 & AAD9-18-1, CHECKED ALL CABLE TENSIONS, LUBED AIRCRAFT PER M/M, CLEANED AND
REPACKED WHEEL BEARINGS, INSTALLED NEW ENGINE AIR FILTER ELEMENTS, CLEANED AND GAPPED SPARK PLUGS,
CHECKED MAGS TO ENGINES TIMING, CLEANED AND INSPECTED FUEL FILTERS.
PERFORMED FUNCTIONAL TEST OF E.L.T. I/A/W FAR 91.207(D), OPS CHECKED NORMAL.
E.L.T. BATTERY IS DUE MARCH OF 2025.
REMOVED THE L/H TAIL PIPE ASSEMBLY AND SENT OUT FOR WELD REPAIR, INSTALLED AFTER REPAIR
USING NEW GASKETS IAW PA30 MANUAL, OPS NORMAL.
REMOVED THE R/H WASTEGATE ASSEMBLY AND SENT OUT FOR WELD REPAIR, INSTALLED AFTER REPAIR
USING NEW GASKETS IAW PA30 MANUAL, OPS NORMAL.
INSTALLED A NEW R/H ENGINE #3 EGT PROBE P/N MM-111 IAW JPI EDM760 INSTALL MANUAL, OPS NORMAL.
INSTALLED A NEW R/H TURBO FILTER CLAMP RIVNUT IN FIREWALL USING AC43.13 1B AS A REFERENCE.
SAFETY WIRED OXYGEN BOTTLE CLAMPS USING AC43.13 1B AS A REFERENCE.
FOUND OXYGEN BOTTLE VALVE TO BE LEAKING, LABELED OXYGEN SYSTEM INOP.
INSTALLED NEW NOSE TIRE AND MAIN GEAR TIRES P/N'S 15X6-6PLY & 6.00X6-6PLY CONDOR IAW PA30 MANUAL.
BEAD BLASTED PAINT FROM WHEELS AND PAINTED WITH IMRON URETHANE PAINT USING AC43.13 1B
AS A REFERENCE. CLEANED SMALL SPOT OF SURFACE CORROSION FROM BELLY NAD PAINTED WITH IMRON
PAINT USING AC43.13 1B AS A REFERENCE.
REMOVED PRESSURE FITTING FROM L/H FUEL PUMP, CLEANED AND REINSTALLED USING 515 SEALANT
IAW LYCOMING DIRECT DRIVE SERIES OVERHAUL MANUAL, LEAK CHECKED NORMAL.
INSTALLED NEW NOSE WHEEL BEARINGS AND RACES IAW PA30 MANUAL, OPS NORMAL.
INSTALLED A NEW R/H INBOARD MAIN WHEEL BEARING AND RACE IAW PA30 MANUAL.
INSTALLED A NEW R/H TIP TANK SUMP DRAIN P/N 754-543 IAW PA30 MANUAL, OPS NORMAL.
WASHED DOWN ENGINES WITH SOLVENT. WASHED DOWN WHEEL WELLS WITH SOLVENT.
INSTALLED A NEW L/H GEAR DOOR HINGE P/N 21065-12 IAW PA30 MANUAL.
SAFETY WIRED THE L/H SQUAT SWITCH IAW PA30 MANUAL.
INSTALLED A NEW BATTERY P/N RG35AXC S/N 70033763 IAW STC SA01147WI AND CONCORDE MASTER DRAWING
LIST #5-0157 REV A. NO CHANGE TO WEIGHT AND BALANCE. 337 FILED
SERVICED PROP DE-ICE ALCOHOL TANK WITH ISOPROPYL ALCOHOL IAW PA30 MANUAL.
SPLICED L/H BREATHER TUBE TOGETHER USING MILH6000 X 5/8 HOSE USING AC43.13 1B AS A REFERENCE.
COMPLIED WITH AD 77-13-21 PART B BUNGEE INSPECTION, NO DEFECTS NOTED AT THIS TIME.
COMPLIED WITH AD 83-10-01 BY CLEANING AND INSPECTING FUEL STRAINERS, NO FAULTS WERE
NOTED AT THIS TIME.
COMPLIED WITH AD 79-12-08 FUEL SELECTOR VALVE INSPECTION PART A, NO LEAKS WERE NOTED AT THIS TIME.
COMPLIED WITH AD 2004-25-16 BY INSPECTING HEATER FUEL SHUTOFF VALVE AND FOUND
NO LEAKS AT THIS TIME.
COMPLIED WITH AD 2015-19-07 BY VISUALLY INSPECTING FUEL INJECTION LINES FOR PROPER
BEND RADII, CRACKED SOLDER JOINTS OR PHYSICAL DAMAGE. NO FAULTS FOUND AT THIS TIME.
COMPLIED WITH AD 2015-24-05 BY VISUALLY INSPECTING FOR PLACARD ON INSTRUMENT PANEL, CHECKED OK.
COMPLIED WITH AD 76-18-05 VERTICAL STAB FORWARD SPAR VISUAL INSPECTION, NO CRACKS WERE NOTED.
ALL APPLICABLE AD'S CHECKED THROUGH THIS DATE.
I CERTIFY THAT THIS AIRFRAME WAS INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND
WAS DETERMINED TO BE IN AIRWORTHY CONDITION. PERTINENT DETAILS OF THE MAINTENANCE PERFORMED
ARE ON FILE AT THIS REPAIR STATION UNDER W/O 80393.

KG2R951K RUSSELL PARKER

Date

Russell Parker 4-18-2024

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Work Order

Start Date:	4/17/2025	Work Order #	250448	Name:	Pierre Doyon
Registration #	N967EY			Address:	415 N Benton Ave
Make / Model:	Piper/PA-30				Helena, MT 59601
Serial #	30-1577			Customer P.O.	
Tach:		TT:		Phone:	719-351-3400
Hobbs:	4037.2	Cycles:		email:	Pierre.doyon@proton.me

Work to be accomplished:

Replace dual Terra transponders with Garmin GTX 345D transponder. Replace audio panel with Garmin GMA 345 audio panel. Replace BeaconX tail light with Whelen tail light. Install transponder blade antenna on top of aircraft. Replace ELT with Artex 345. Replace encoding altimeter with United altimeter.

Preliminary Inspection:

Grey code harness between terra encoder and serializer needs replaced. Existing audio wires between GNS 430 and audio panel are improperly grounded and need replaced.

Hidden Damage Inspection: None Found.

Work Summary:

Removed Arnov Systems loran antenna p/n 452-0138 s/n 013726, uAvionix skybeacon p/n UAV-1002183-001 s/n 013726, Sigtronics SPA-400 intercom s/n 6044118, Sigtronics RES-400 intercom splitter s/n 1002632, two Terra TRT 250D transponders p/n 0900-0250-30 s/n 0000409 & 0671824, Aerosonic encoding altimeter p/n 101420-01249 s/n 27509, ACK A30 encoder s/n 113113, Collins AMR-350 audio panel p/n 622-2087-011 s/n 10906, Narco ELT 10 s/n 26489, and Garmin Apollo MX20 GPS receiver p/n 430-0270-601 s/n 26001320. Installed Garmin GTX 345 transponder p/n 011-04333-00 s/n 51W001701 and Garmin GAE 12 encoder p/n 011-03080-01 s/n 3T6020793 as recorded on Form 337 dated 05/14/2025. Installed Artex ELT 345 p/n A3-06-2880 s/n 324-08703 I/A/W Artex ELT 345 Description, Operation, Installation and Maintenance Manual Y1-03-0282 Rev. P. Installed Garmin GMA 345 audio panel p/n 011-00678-00 s/n 3Z0103258 I/A/W Garmin GMA 342/345 Installation Manual 190-01878-02 Rev. 6. Installed United altimeter p/n PA5934-3 s/n 509618. Installed Whelen OR5001V nav/strobe light p/n 01-0771774V01 s/n 660311 I/A/W Whelen OR5001V Installation Guide/ICA Form No. 14709D. Installed RAMI AV-74 transponder antenna s/n 613241. Replaced wiring harness between existing Terra encoder and Icarus 3000U serializer that provides altitude to autopilot. Replaced static lines between airspeed indicator, altimeter, VSI, GAE 12 encoder, and Terra encoder. Installed instrument panel cover plates fabricated from 2024T3 aluminum and powdercoated with C2401-BK01 texture. Moved existing GPSS adapter from beneath transponder tray to left side of radio rack. Updated GNS 430W main software from v5.1 to v5.4 and GPS software from v3.1 to v5.0 I/A/W Garmin service bulletin No. 1762 Rev B dated August 6, 2020.

Final Inspection:

Aircraft inspected I/A/W Title 14 CFR 43 app E&F and complies with 14 CFR 91.411&91.413.

This aircraft and/or appliance has been inspected and/or repaired in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service.

Inspector: Dan FisherDate: 5-14-2025Forms included with this Work Order: ☒ Form 337☒ MTSWO 2

AUWO

MOBILE TRANSPONDER SERVICES, LLC

719-251-8251

CRS TJR625X

8266 Cessna Dr, Peyton, CO 80831

Work Order # 250448

Reg # N967EY

Transponder Make/Model/S.N.	Altimeter Make/Model/S.N.	Encoder Make/Model/S.N.
#1 Garmin / GTX 345 / 51W001701	#1 United / 5934PA-3 / 509618	#1 Garmin / GAE-12 / 3T6020793

APPENDIX - E

Scale Error (Table I)

Baro 29.92 ROC < 20,000 til 2,000' of TP
ROC 2000' to TP. Hold > 1 < 10 min.

Ref.	Tol.±	Alt #1	Alt #2	Alt #3	Alt #4	Enc #1	Enc #2
-1000	20	-1000				-1000	
0	20	0				0	
500	20	500				500	
1000	20	1000				1000	
1500	25	1500				1500	
2000	30	1990				2000	
3000	30	2985				3000	
4000	35	3980				4000	
6000	40	5980				6000	
8000	60	7980				8000	
10000	80	9975				10000	
12000	90	11975				12000	
14000	100	13980				14000	
16000	110	15990				16000	
18000	120	18020				18000	
20000	130	20050				20000	
22000	140	22080				22000	
25000	155	25090				25000	
30000	180	30100				30000	
35000	205	35060				35000	

Friction (Table III)

ROC 750 fpm

Altitude	Tol. ±	Alt #1	Alt #2	Alt #3	Alt #4
1000	70	20			
2000	70	20			
3000	70	25			
5000	70	35			
10000	80	35			
15000	90	15			
20000	100	40			
25000	120	70			
30000	140	85			
35000	160	120			

Baro Scale Error (Table IV)

Tolerance 25'

Baro.	Delta	Alt #1	Error 1	Alt #2	Error 2	Alt #3	Error 3	Alt #4	Error 4
28.10	-1727	4870	-3						
28.50	-1340	5280	20						
29.00	-863	5735	-2						
29.50	-392	6230	22						
29.92	0	6600	0						
30.50	531	7150	19						
30.90	893	7500	7						
30.99	974	7570	-4						

Case Leak (Table II)

< 100 fpm @ 18,000'

Hysteresis (Table II)

< 15 min after Scale Error reaches upper limit.

ROD > 5,000' < 20,000' to 3,000' of TP. ROD 3,000 to TP.

TP 50% & 40% of max > 1 < 10 min.

After Effect (Table II)

< 5 min. after hysteresis.

Test	Tolerance	Alt #1	Alt #2	Alt #3	Alt #4
Case Leak	100	0			
Hysteresis 50%	75	35			
Hysteresis 40%	75	25			
After Effect	30	0			

Altimeter Test Set

Monica

APPENDIX F - TRANSPONDERS

Test	#1	#2
Frequency: 1090 ±3 MHz	1090.00	
Mode S: 1090 ±1 MHz	1090.01	
SLS: P2 = P1 ≤ 1%	0	
SLS: P2 9dB<P1 ≥ 90%	100	
MTL: -73dBm ±4dB	-75.9dB	
ModeS: -74dBm ±3dB	-75.9dB	
Mode A vs Mode C (1dB)	0.0dB	
Power A Class: 125-500W	380W	
Power B Class: 75-500W		
Mode S Diversity ≥ 20dB	25.0dB	
Mode S Tail & Flt ID	N967EY	
App F (f) thru (j) (pass)	PASS	

Xpdr Test Set

AVX-10K

