

AIRFRAME
LOGBOOK 2 **N2321M**

II
CLOSED

 The Standard
AIRCRAFT LOG

Airborne

Air Filter Change Reminder

Changed at:

3753.4

Hrs.

3/31/99

Date

Next Change:

4253.4

Hrs.

Parker
Aerospace

ASA-SA-2

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
19 <u>95</u>				
3-3-95	2885.81		2885.81	Perform Airframe inspection & accordance to the mfg. service manual. CHK. and installed new L.H. main 6.00-6-6 ply tire. Central air filter 19-18-1 and VAC. regulator filter. CHK. E.D.I. system by OPS.- Battery due by SEA 1996 CHK. and comply @ all A.I.'s to this date.

~~*Engine - Drained oil, cleaned screens, checked and
cleaned spark plugs, checked compression #1____
#2____ #3____ #4____ #5____ #6____
checked fuel system, drained sumps, checked
starter and generator brushes, checked mags and
timed properly, checked prop for leaks and grease,
functionally checked engine.~~

Airframe - Jacked aircraft, removed wheels,
greased bearings and gear, checked retraction
and emergency extension, checked electrical
system and battery, checked all controls and
oiled as needed. Removed all inspection plates
and checked structure, checked cockpit belts,
lights and instrument operation.

Mirushew Kolyzko
A&P 153.568168

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific instructions)
19 <u>95</u>				TESTED TXP + ALT STATIC As Per FAR 43 App E+F
5-8-95				TESTED TXP + ALT STATIC As Per FAR 43 App E+F
				TESTED TXP + ALT STATIC As Per FAR 43 App E+F

This aircraft is in accordance with FAR 91.411

WO # 726

Airport Radio CRS # XPRR648K

Charles M. Blum

This aircraft is in accordance with FAR 91.413

726

Airport Radio CRS # XPRR648K

Charles M. Blum 152484342

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterat Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entrie
			DATE: <u>6-16-95</u> TACH TIME: <u>2949.56</u> CHEMICAL STRIP, ACID ETCH, ALODINE, PRIME AND PAINT USING IMRON#N0006 WHITE, #N0392 GOLD, #N0404 RED W/4 OZ. 552 ALUM TO 128 OZ. PAINT. CONTROLS BALANCED I/A/W PIPER SERVICE MANUAL AND FOUND TO BE WITHIN LIMITS. RE-INSTALLED I/A/W PIPER SERVICE MAN. N.E. Aircraft Refinishers 111 Perimeter Road Nashua, N.H. 03063 <i>Steve Buttrick</i> ACP1853181

DATE 19 95 RECORDING TACH TIME TODAYS FLIGHT TOTAL TIME IN SERVICE Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

7/18

7/18 2981.29

2981.29

REPAIRED CRACKED WING TIPS & TAIL CONE
REPLACED BRAKE PADS ON BOTH MAIN
WHEELS REPAIRED NAV LIGHT SHORT,
COMPLIED WITH SERVICED BULLETIN #977

Airframe - Jacked aircraft, removed wheels, greased bearings and gear, ~~checked retraction~~ and ~~emergency extension~~, checked electrical system and battery, checked all controls and oiled as needed. Removed all inspection plates and checked structure, checked cockpit belts, lights and instrument operation.

ELT INSP. 1AW/ FAR 91.207 2981.29
Date 7/18/95 Total Aircraft Time 2981.29

I certify this AIRFRAME has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.

Keith Swarino A&P 148648577

DATE 19 <u>95</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
10/11/95	3079.28		3079.28	INSTALLED NEW GARDER FLUID B3-S-1. REMOVED & REPLACED LEFT MAIN TIRE. SERVICED & CHARGED BATTERY. ALL WORK PERFORMED I/A/I/N MFG. SERVICE MANUAL. ALL A/D'S CHECKED AND COMPLIED WITH TO THIS DATE.
				Airframe - Jacked aircraft, removed wheels, greased bearings and gear, checked checked checked, checked electrical system and battery, checked all controls and oiled as needed. Removed all inspection plates and checked structure, checked cockpit belts, lights and instrument operation. Date <u>10/11/95</u> Total Aircraft Time <u>3079.28</u> I certify this <u>AIRFRAME</u> has been inspected in accordance with a <u>100 HR</u> inspection and was determined to be in airworthy condition. <i>[Signature]</i> ATP 156805510 Replace nose wheel bearings + cups Clean P-Bearing ATP 152322260
11/30/95				

E	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/2/96	3100.4			Replace shimmy dampener P/N Replace landing light P/N 4509, Replace oil cooler hoses to C/W AD 95-26-13. C/W FAR 91.207 para (d) ELT inspected. Airframe - Jacked aircraft, removed wheels, greased bearings and gear, checked retraction and emergency extension, checked electrical system and battery, checked all controls and oiled as needed. Removed all inspection plates and checked structure, checked cockpit belts, lights and instrument operation. Date <u>4/2/96</u> Total Aircraft Time <u>3100.4</u> I certify this <u>AIRCRAFT</u> has been inspected in accordance with a <u>ANNUAL</u> inspection and was determined to be in airworthy condition. <u>Dem Klein IA152727261</u>

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3116.65			Replaced R.H. wing tip light Assy. by installing new parts: P/N A626, A612, A610, W1284, W1290 and W1283. CHK. and tested lights by OPS. Work above performed @ accordance to the mfg. service and parts manuals. Return A/C to service. Miroslaw Jedyniec AIP 153568168 End

4/96 3128.94

Repaired Door Holder Assy. At Bottom of
Door with new Hardware. All work performed
1/4/96 with service manual. Return to Service.

Art J. Light ATP 156808510

12/96 3133.17

R/R nose wheel tire 5.00x5. Repaired
Bearings. All work performed 1/4/97 w/PL
service manual. Return to Service.

Art J. Light ATP 156808510

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DATE 19 <u>96</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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7/26	3200,29			Drained oil took sample JK Replaced Right Rear Cowd latch, Replaced Rear Hatch support both sides, Replaced fuel prop bulkhead, replaced carb heat screen Replaced Rt main fire Repacked bearings stop drilled cracks on wing tips, Serviced and charged battery. Replaced airfilter B3-5-1
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Airframe Jacked aircraft, removed wheels,
 greased bearings and gear, checked retraction
 and emergency extension, checked electrical
 system and battery, checked all controls and
 oiled as needed. Removed all inspection plates
 and checked structure, checked cockpit belts,
 lights and instrument operation.

8/12 3209,48

Date 7/26 96 Total Aircraft Time 3200,29

I certify this Airframe has been inspected in
 accordance with a 100 H inspection and
 was determined to be in airworthy condition.

Per [Signature] AIP 1428630
 Replaced landing light bulb
Per [Signature] AIP 142863051

TERY PRO

WARRANTY
DEALER/DIST

SERVICEABLE

COMPONENT Vertical Gyro
 PART NO. 300-30A SERIAL NO. 4068
 MFG. BY A.I.M.

MAINTENANCE RELEASE

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

REPAIR ORDER 95089 DATE 4-6-95
 SIGNED Bernard J. DuCase

**DUCASSE AIRCRAFT INSTRUMENT
SERVICE INC.**
 N. E. PHILA. AIRPORT, PHILA., PA 19114
 (215) 673-5050 FAX (215) 673-3341
 F.A.A. QZ2R127L

Handup
4/1/95 2863061
checked
ATP/18/2863061
installed
73
5/1

Airframe
greased
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DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration
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Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

19 97
3/7/97 3299.8

perform Airframe inspection @ accordance to the mfg. service manual CHK list.
perform following work:

- 1) Reinstalled two inertia reel #10.
- 2) Inst. new light ring Assy P/N 6537-2002.
- 3) Serviced nose strut @ nitrogen.
- 4) Inst. new GE4509 bulb.
- 5) Serviced brake system @ 5606 hyd. fluid
- 6) B3-5-1 air filter.

q/w FAR 1091.207(b) of ELI inspection, battery due by OCT 1998.
Checked and comply @ A.D.S. thru 97-05A

Airframe - Jacked aircraft, removed wheels, greased bearings and gear, checked retraction and emergency extension, checked electrical system and battery, checked all controls and oiled as needed. Removed all inspection plates and checked structure, checked cockpit belts, lights and instrument operation.

Date 3/7/97 Total Aircraft Time 3299.8

I certify this AIRFRAME has been inspected in accordance with a ANNUAL inspection and was determined to be in airworthy condition.

Miroslaw Pedryczak - AEP 153568168 DA

DATE

19

RECORDING
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TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

N2321M

I certify that the transponder has been
tested and inspected and found to comply
with FAR 91.413 and FAR 43 appendix F

Date 5-22-97

Signature

Airport Radio CRS # XPRR648K 40# 1101

6/27/97 3386.55

Repaired Broken door stop
Per Kertsson App 4286 3051

3425.69

CHANGED LEFT M.G. TIRE WITH
TIRE P/N 6.00-6

William J. Finch
A#P 146660977

9/11/97 3442.18

REMOVED INOP. STARTER-SOLENOID
and installed new solenoid
P/N 487-169.

Work performed in accordance to the
Piper Mfg. service & parts manual
performed test by CFS - OK

Miroshko
A#P 153568168
End

RECORDING DATE TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
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0447.77

Removed faulty STARTING SOLENOID
P/N 487-169 ✓

Miroslaw Jedryczak

A&P 153568168

End

0347.77

Installed new STARTING-SOLENOID
P/N 487-169
Perform OPS check

Miroslaw Jedryczak

A&P 153568168

End



DATE 19 97 **RECORDING TACH TIME** **TODAYS FLIGHT** **TOTAL TIME IN SERVICE** **Description of Inspections, Tests, Repairs and Alterations**
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)

12-5 3496:20 100 HR INSP. COMPLETED THIS DATE
 ALL CONTROLS CHECKED FOR PROPER
 TRAVEL & LABELED @ PER SCHEDULE
 REPAIRED BROKEN ALTERNATOR
 GROUND REPLACED LBRAKE
 PADS. ALL ADS COMPLETION w/40 DR

Date 12/5/97 Total Aircraft Time 3496:20
 I certify this AIRCRAFT has been inspected in
 accordance with a 100 HR inspection and
 was determined to be in airworthy condition.

Keith Mariano A+P 148648577
 12+R LAND LAMP OPS OK (480948)
Keith Mariano A+P 148648577

3/14/98 3554:77

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
35655	TACH 35655	8	ANNUAL INSPECTION COMPLETED THIS DATE ALL CONTROLS LUBED AND CHECKED FOR PROPER OPERATION REPAIRED ENGINE BATTING ON # 4 CYL AND REPLACED #4 CYL BATTLE SEAL. REPLACED R/FIAP OUTER ROD END BOLT REPLACED L/AILERON ROD END BOLT. ALL AD'S CHECKED AND COMPLIED WITH TO THIS DATE 98-05
Date <u>4/2/98</u> Total Aircraft Time <u>3565.58</u> I certify this <u>AIRCRAFT</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and was determined to be in airworthy condition.			Airframe - Jacked aircraft, removed wheel greased bearings and gear, checked retract and emergency extension, checked electric system and battery, checked all controls and oiled as needed. Removed all inspection plate and checked structure, checked cockpit belts, lights and instrument operation.
			Keith Sumner FA 148648577

9 78	TIME	SERVICE	Technician or Repair Facility. (See back pages for other specific entries)
10/22	3464.1		Annual inspection completed. Replaced left aileron rod end + bolt. Replaced left flap inner actuator rod + bolt. Replaced ECT battery. ops Check OK. Replaced nose tire & tube. Replaced seat adjusting piston. Bender switch ops Check OK.

Date 10/22/98 Total Aircraft Time 3464.1
 I certify this AIRCRAFT has been inspected in
 accordance with a ANNUAL inspection and
 was determined to be in airworthy condition.

Airframe - Jacked aircraft, removed
 greased bearings and gear, checked
~~and emergency extension,~~ checked all control
 system and battery, checked all control
 oiled as needed. Removed all inspection
 and checked structure. checked cockpit
 lights and instrument

Keith Funnell IA 14864B571

06

INSTALLED NEW ELIT. BATTERY
1026 AND CHECKED IN ACCORDANCE
WITH FAR. PART 91. CHECKED
Lawrence McQuay Jr. ATP#266

9.07

INSTALLED REPAIRED NO. 2 AFT
REPAIR BY NARCO AVI. INC. WO #
(SEE WORK ORDER) OPS ✓ OK.
Lawrence McQuay Jr. ATP#266 9/8/90

738-02

REPLACED CALIPER ORING + REPAIRED
BOTH BRAKE PADS.

DATE 19 <u>99</u>	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
3/31	3753.46			Annual inspection completed. EIT due Nov, 2000, apt Check OK. Replaced air filter & vac reg filter. Replaced seals in parking brake master cyl. Bleed brakes. Replaced seals in rt strut. Serviced with MIL-H-5606 & 1/2" Replaced landing light. C/O AD 76-7-12, Bendix switch gear checked. Airframe Jacked aircraft, removed wheels, greased bearings and gear, checked retraction and emergency extension, checked electrical system and battery, checked all controls and oiled as needed. Removed all inspection plates and checked structure, checked cockpit belt lights and instrument operation. THIS AIRCRAFT WAS BEEN INSPECTED AND FOUND TO BE IN AN AIRWORTHY CONDITION. ALL WORK DONE IN ACCORDANCE WITH THE MANUFACTURERS SERVICE MANUAL AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. DATE <u>3/31/99</u> TACH <u>3753.4</u> TOTAL TIME <u>3753.4</u> KEITH GUARINO A&P 1486485771A <i>Keith Guarino</i>

RECORDING
TACH
TIME

TODAYS
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterations
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)

5-28-99

I certify that the transponder has been
tested and inspected and found to comply
with FAR 91.413 and FAR 43 appendix F

Date 5-28-99

Signature

Charles M. [Signature]

Airport Radio GRS # XPRR648K

WG# 1426

5/28/99 3799.93

Replaced landing light & repaired
broken ground for left nav. light
aps. Check. OK

Peter Vajtal
AIP 136481117

RECORDING

TODAYS
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FLIGHTTOTAL
TIME IN
SERVICE**Description of Inspections, Tests, Repairs and Alterations**
Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific instructions)POST OFFICE
WILL NOT
DELIVER
WITHOUT
PROPER
POSTAGE

MS INC

Replaced L+R forward static trim
cables. Adjusted cable tension.
Checked trim. Replaced static
trim position indicator
Peter Vatchel
Awp 136481117

Annual Inspection completed on this aircraft.
E.H.T. Due "Nov 2000" ops check O.K. All
Vacc. Feltan B3-5-1, induction air filter
P/W BA 16, and new Prop. Spinner
Bulkhead P/W 55323-012. Installed new
voltage regulator P/W 14200A ops
checked O.K. All B.D.'s checked
and complied with them to this
date 99-12
Continued on next page →

904218

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7/7

RECORDING
TACH
TIME

TODAYS
FLIGHT

TOTAL
TIME IN
SERVICE

Description of Inspections, Tests, Repairs and Alterat

Entries must be endorsed with Name, Rating and Certificate Number
Technician or Repair Facility. (See back pages for other specific entries)

Airframe - Jacked aircraft, removed wheels,
greased bearings and gear, ~~checked retraction~~
and ~~emergency extension~~, checked electrical
system and battery, checked all controls and
oiled as needed. Removed all inspection plates
and checked structure, checked cockpit belts,
lights and instrument operation.

Date 7/7/99 TACH 3830.73
Total Aircraft Time

I certify this AIRFRAME has been inspected in
accordance with a ANNUAL inspection and
was determined to be in airworthy condition.

Keith Marino IA148648517

7/7

Ⓟ
38319.3

Installed on this date new Cleveland
Brake Discs P/N 164-02000 and new
brake linings P/N 066-10500 on both
main wheel assemblies. Work done IAW
manufacturers service manual.

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entries)
19 <u>99</u>				
<u>9-30-99</u>	<u>3931.33</u>			100 Hour Inspection completed this date. All controls lubed and checked for proper operation. Installed new Vac. Filter BS. New Induction Filter, new Quad Seal 484-769 in Right main strut and serviced with hydraulic fluid and Nitrogen. Installed new Bearing P/N 13838 and new hub 13838 in Right main wheel assembly. All A.D's checked and complied with them. Kevin McPherson - A&P 266915701

Airframe - Jacked aircraft, removed wheels, greased bearings and gear, ~~checked retraction~~ and ~~emergency extension~~, checked electrical system and battery, checked all controls and oiled as needed. Removed all inspection plates and checked structure, checked cockpit bells, lights and instrument operation.

Date 9-30-99 Total Aircraft Time 3931.33

I certify this Airframe has been inspected in accordance with a 100 Hour inspection and was determined to be in airworthy condition.

THIS Aircraft HAS BEEN INSPECTED I.A.W. Annual INSPECTION. ALL WORK WAS ACCOMPLISHED USING THE MANUFACTURERS SERVICE MANUALS AND OR CHECK-LISTS, AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION.

DATE 9-30-99 TACH 3931.33 TOTAL TIME 3931.33

KEITH GUARINO A&P 1486485771A

IG	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
33			ANNUAL INSPECTION COMPLETED THIS DATE ALL CONTROLS LUBED & CHECKED FOR PROPER OPERATION REPLACED GARTER FILTER, INDUCTION FILTER, STROBE POWER SUPPLY UNIT, RESEALED R/MAIN STREET SERVICED WITH N2 & HYD. FLUID ALL AD'S CHECKED & COMPLIED WITH EIT CHECKED IAW FAR 91.20 PAR. D.
AIRCRAFT 441	INSPECTION. ALL WORK WAS ACCOMPLISHED USING MANUFACTURERS SERVICE MANUALS AND OF CHECK- AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. 12-9-95 TACH 4031.33 TOTAL TIME 4031.33 GUARINO A&P 1486485771A	HAS BEEN INSPECTED IAW.	Airframe - Jacked aircraft, removed wheels, greased bearings and gear, checked retraction and emergency extension, checked electrical system and battery, checked all controls and used as needed. Removed all inspection plates and checked structure, checked cockpit bolts, lights and instrument operation.

3117
19
2000

TACH
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TIME IN
SERVICE

Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)

4127.65

4127.65

100 hr inspection completed. EIT done 11/2000, ops Check OK Repaired with

Date 3/17/2000

Total Aircraft Time 4127.65

I certify this AIRCRAFT has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition.

for tail beacon & right strobe. Replaced nose tire & tube. Replaced elevator trim bushing. OK AD 76-7-12 Bendix switch & ops OK.

ame - Jacked aircraft, removed wheels, greased bearings and gear, checked retraction and emergency extension, checked electrical system and battery, checked all controls and oiled as needed. Removed all inspection plates and checked structure, checked cockpit belts, lights and instrument operation.

THIS AIRCRAFT HAS BEEN INSPECTED UNDER ANNUAL INSPECTION. ALL WORK WAS ACCOMPLISHED USING THE MANUFACTURERS SERVICE MANUALS AND OR CHECK-LISTS, AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION. DATE 3/17/2000 TACH 4127.65 TOTAL TIME 4127.65 KEITH GUARINO A&P 148648577IA Keith

DATE 4/7	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4/7/2000	4158.57		4158.57	Installed on this date, ① Left Windshield Made by Aero Plastics L.P.# 490 / Piper's P/N 63070-46 and ① Right Windshield Made by Aero Plastics L.P.# 491 / Piper's P/N 63070-45. Work was done I/A/W the MFG. Service Manual. Lawrence McPherson A/P# 266918701
4/15/2000	4163.99			Install new TCM Ignition Switch. P/N 10-357200-1. ops. Check-OK Peter Vajtal A/P 136481117
4/30/2000	4160.34			Replace landing light. Check. OK. Peter Vajtal A/P 136481117

COMPONENT DIRECTIONAL Gyro
PART NO. 14262-00-13 SERIAL NO. 24496C
MFG. BY Eco-AIRE

MAINTENANCE RELEASE

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

REPAIR ORDER 99121 DATE 7-9-99
SIGNED Bernard J. DuChasse III

DUCASSE AIRCRAFT INSTRUMENT
SERVICE INC.
N.E. PHILA. AIRPORT, PHILA., PA 19114
(215) 673-5050 FAX (215) 673-3341
F.A.A. QZ2R127L

Airframe - Jacked aircraft, removed wheels, greased bearings and gear, ~~checked retraction~~ and ~~emergency extension~~, checked electrical system and battery, checked all controls and oiled as needed. Removed all inspection plates and checked structure, checked cockpit belts, lights and instrument operation.

Check-OK.

THIS AIRCRAFT HAS BEEN INSPECTED LAW
ANNUAL INSPECTION. ALL WORK WAS ACCOMPLISHED USING
THE MANUFACTURERS SERVICE MANUALS AND OR CHECK-
LISTS, AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION.

DATE 6/12/2000 TACH 4225.72 TOTAL TIME 9725
KEITH GUARINO AWP 1436485771A Leeds
TT → TACH 4227.65
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Air Parts of Lock Haven Inc

SERVICEABLE

COMPONENT

Directional Gyro

PART NO.

31101P

SERIAL NO.

22248

MFG. BY

Aeritalia

MAINTENANCE RELEASE

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

REPAIR ORDER

99041

DATE

2-19-99

SIGNED

Bernard J. DuCasse

DUCASSE AIRCRAFT INSTRUMENT
SERVICE INC.

N. E. PHILA. AIRPORT, PHILA., PA 19114
(215) 673-5050 FAX (215) 673-3341
F.A.A. QZ2R127L

99137

checked electrical
and battery, checked all controls and
as needed. Removed all inspection plates
and checked structure, checked cockpit belts,
lights and instrument operation.

ALL WORK WAS ACCORDING
TO THE MANUFACTURER'S SERVICE MANUALS AND OR CHECK
LISTS, AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION.
DATE 8/23/00 TACH 432765 TOTAL TIME 432765
KEITH GUARINO AIP 14888774 Keith Guarino

© 1991 AS

19

TACH TIME FLIGHT TIME IN SERVICE

Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entries)

9/9/2000

4247.1

Replaced landing light, checked OK

Peter Vajsky
ASP 13644 1117

11-17-00

4427.65

100 hour inspection completed on this date. All controls lubed and checked for proper operations. Installed 1 new filter P/N BA 3-5-1, 1 new Induction filter P/N BA 16, 1 new Airtawk 6:00-6 bps on left main wheel, 2 new O-Rings in calipers and serviced with Hydraulic Fluid. A.D.'s checked thru this date. 2000

Airframe - Jacked aircraft, removed wheels, greased bearings and gear, checked extension and emergency extension, checked electrical system and battery, checked all controls and oiled as needed. Removed all inspection plates and checked structure, oil and instrument

Date 11-17-00

Tach 4427.65

I certify this Airframe has been inspected in accordance with a 100 hours

Lawrence McKenjin AEP 266918701

THIS Aircraft HAS BEEN INSPECTED IN ACCORDANCE WITH THE MANUFACTURERS SERVICE MANUALS AND CHECKLISTS, AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION

DATE 11-17-00 TACH 4427.65

KEITH GUARINO ASP 1482485771A

Keith Guarino

[illegible]

19

RECORDING TACH TIME

**TO
FL**

1-2-01	44-70.78
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7-1-61

FAA/PMA APPROVED

THIS STARTER WAS MANUFACTURED FROM ALL NEW COMPONENTS IN ACCORDANCE WITH FAR 21.303(h) UNDER AUTHORITY OF PMA NO. PQ852SW AND IS AIRWORTHY. THIS STARTER IS FAA/PMA APPROVED AND IS ELIGIBLE FOR INSTALLATION ON LYCOMING 235, 290, 320, 360, 540, & 541 SERIES ENGINES. ENTER STARTER MODEL, SERIAL AND DATE OF INSTALLATION. ATTACH THIS TAG TO ENGINE LOGBOOK.

MODEL PA 28 - 161 SERIAL 28-7816278

DATE OF INSTALLATION 12-22-2000

			PORT RADIO		
			Repair & Installation or Recertification RS XPRR-648K		
30000	180	29.50	- 392	060	
35000	205	29.92	0	320	
40000	230	30.50	+ 531	0	
45000	255	30.90	+ 893	540	
50000	280	30.99	+ 974	890	
OWNER CFA			A/C P128-161		*N 2321 M

wo#1627

DATE 2001 19	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number Technician or Repair Facility. (See back pages for other specific entries)
8/8	4524.7		4524.7	100 hr inspection completed. Due 12/2002, ops check OK. Clw AD 95-26-13 oil cooler hoses by insp. Clw 40 76-7-12, Bendix Switch by opt check OK
Airframe - Jacked aircraft, removed wheels, greased bearings and gear, checked retraction and emergency extension, checked electrical system and battery, checked all controls and as needed. Removed all inspection plates checked structure, checked cockpit belts, seats and instrument operation.				
				Date 8/8/01 Total Aircraft Time 4524.7
				I certify this AIRCRAFT has been inspected in accordance with a 100 HR inspection and was determined to be in airworthy condition.
				Lawrence M. Keizer A+P 26691870
				THIS Aircraft HAS BEEN INSPECTED IN AN ANNUAL INSPECTION. ALL WORK WAS ACCOMPLISHED USING THE MANUFACTURERS SERVICE MANUALS AND OR CHECKLISTS, AND WAS FOUND TO BE IN AN AIRWORTHY CONDITION.
				DATE 8/8/01 TACH 4524.7 TOTAL TIME 4524.7
				KEITH GUARINO A+P 1425405771A

TIME

SERVICE

Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of
 Technician or Repair Facility. (See back pages for other specific entries.)

FUNCTION TEST ELT
 BAT. REPLACEMENT DUE 10/04
 C & W AERO SERVICES HX1R208K

SIGNATURE

[Signature]

I CERTIFY THAT THIS AIRCRAFT HAS BEEN
 INSPECTED IN ACCORDANCE WITH AN
 ANNUAL INSPECTION AND WAS DETERMINED
 TO BE IN AIRWORTHY CONDITION. DETAILS
 ON FILE AT THIS AGENCY ON WORK ORDER
 NO. 15712 TACH/HOBBS 4635.9 TT 4635.9
 DATE 10/18/02 SIGNED [Signature]
 C&W AERO SERVICES INC. CRS #HX1R208K

Replace both Right and Left Main Tires, inspect and regrease
 bearings. Replace Nose Tire + Tube, inspect and regrease
 bearings. Find Keys for cabin and baggage doors and supply to
 owner. Weigh aircraft and compute new WtB. Investigate
 intermittent starter locate and tighten loose connection
 on starter. Investigate Nav lights intermittent, locate and
 repair broken ground wire. Replace visor recepticals. Right side
 vent knob missing and valve missing, replace entire vent assy.
 Forward interior cabin roof vent broken, replace entire overhead
 vent assy. Vent fan disconnected, check motor + circuit, OK.
 Reconnect Vent fan, system works OK. Electric trim in op.
 Cleaned and adjusted as per manual, ground checks OK.

DATE

19

RECORDING
TACH
TIMETODAYS
FLIGHTTOTAL
TIME IN
SERVICEEntries must be endorsed with Name, Rating and Certificate Number
Technician or Repair Facility. (See back pages for other specific entries)

Remove both Yokes for refinishing. Reinstall. Remove
pilots shoulder harness for rewebbing, reinstall same.
Check compass and swing, install new correction card.
Check rigging on control Yokes when flying straight + level
yoke cocked 100, found sloppy connections on universal
joints and taper pins replaced by bolts and holes elongated.
Replace both Tee bar shafts, Tee bar universals, taper pins
and cup washers. Rig Yokes. Reseal wind shield.
Replace fuel cap gaskets. Pitot heat wires broken at
pitot tube. Replace heater cartridges. Both brake cylinders
leaking at wheels, replace seals and bleed system.
Shimmy damper rod end bent, replace and adjust. Trim
cable had off pulley, ~~rem~~ and wrapped around elevator
cable, disconnect and reroute correctly, inspect cables.
Replace leaking O-rings on park brake cylinder. Rudder
and aileron cable tension low, Adjust tensions to
Manufactures spec. Radio lights not working, switch

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
				Dimmer control Transistors bad, replace both switch and transistors. Instrument lights blink, locate cut in wire. Shorting out, repair wire. Replace left Nav light lens due to crack. ELT Remote switch 11000, replace switch, stilling verify wires OK, remove ELT for repair, reinstall after repair and test, OK. Comply with AD 76-07-12 Bendix is within switch function test, OK Replace both engine mufflers due to loose flame cones. Replace #2 + 4 cylinder exhaust stacks due to eroded ends. Repair battery box cover. Treat rear wing attach fittings in fuselage with LPS-3 Corrosion preventive and remove insulation from area. Replace worn cabin door eye bolts and pins. Replace 8 bad instrument light lamps. Replace missing cabin side vent cups. Replace vacuum regulator gasket. Replace instrument air filter. Replace worn engine vern. therm. Replace engine inlet air filter element. Replace worn brake linings and season as per manufacturers instruction.

Cont.

AIRWORTHINESS TAG-MAINTENANCE RELEASE

MERL, INC. P.O. Box 188, 1777 North Colony Road
Meriden, Connecticut. U. S. A. 06450

ITEM ELT MAKE Comm. Comp. Corp.

MODEL CCC CIR-11-2 SERIAL # 30764

Customer C & W Aero Service, Inc.

Address Essex County Airport-19 Wright Way-Suite 3

City Fairfield, State NJ Zip 07004-3504

FAA AIR AGENCY- C.R.S. #SF5R195N

MERL

#1

Over.....

SERVICEABLE

RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and A Entries must be endorsed with Name, Rating and Certificate N Technician or Repair Facility. (See back pages for other specif
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C&W Aero Services Inc. CRS # HX1R208K.

Essex County Airport (CDW) 19 Wright Way suite 3, Fairfield, NJ 07004

Reg #: N2321M Make: Piper Model: PA28-161
 S/N: 28-7816278 Tach/Hobbs: 4635.9 Work Order: 15712

Aircraft Weights

Nose Weight 446.0 Arm 30.8 Moment 13736.8

Right Weight 645.0 Arm 109.6 Moment 70692.0

Left Weight 642.0 Arm 109.6 Moment 70363.2

Main Fuel Wt - 288.0 Arm 95.0 Moment -27360.0

Aux Fuel Wt - Arm Moment

New A/C Empty Weight: 1445.0 New Empty C.G. 88.19

New A/C Useful Load: 880.0 Max Weight: 2325

Signed: Phil Profel Date: 10-18-02

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repa
2002 19				Entries must be endorsed with Name, Rating and C Technician or Repair Facility. (See back pages for c

12/6	4645.4		4645.4
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WAGNER AIRWAYS
 425 BEAVER BROOK RD.
 LINCOLN PARK, NJ 07035
 1-800-654-6111

Reg #: 2321M Make: Piper
 Date: 12-06-2002 W/O #: 2384 Tach.: 4645.5

Removd airspeed indicator, vertical gyro, directi
 and turn coordinator for repairs. Sent to Keyston
 Instruments for repairs. Reinstalled after repairs
 PN 8100, SN 110277, vertical gyro PN 3003CFC,
 directional gyro PN 31100C, SN 05505 and turn
 coordinator PN RCA 80B-10, SN TC-9005. Run up
 functionaly checked satisfactory.

Removed wet compass and installed Percison Aviat
 vertical card compass PN PAI-700, SN 46137 in acco
 with Percision Aviation instructions. Swung comapa
 needed.

Removed and replaced elevator trim console.
 This aircraft was repaired and inspected in accordance
 current regulations of the FAA and is approved for retu
 service. Details of this repair are on file at this agency
 under the work order listed above.

Michael Kast
 Michael Kastner 157829388

COMPASS DEVIATION N-2321M DATE 12/14/02

FOR STEER		FOR STEER		FOR STEER	
N	—	120	121	240	242
030	032	150	151	W	275
060	061	S	180	300	302
E	092	210	210	330	331

19

RECORDING TACH TIME

8124 Lockheed, Houston, Texas 77061 - (713) 644-7383

TEST & INSPECTION

FUNCTIONAL TEST

T1-1

PAI-700	SERIAL NO. 46137
	DATE SEP 13 2002

PAI
8
INSP
MECHANIC

INT.
MECH.
INSP.

FINAL
OPER.
INSP.

INSPECTOR
INSP.

STOCK:

BY _____ DATE _____

SHIPMENT:

BY _____ DATE _____

CUSTOMER:

OPERATING LIMITS

LEVEL FLIGHT

OK ☒ REJECT ☐

20° BANK L & R

OK ☒ REJECT ☐

20° DIVE

OK ☒ REJECT ☐

20° CLIMB

OK ☒ REJECT ☐

COMPENSATION

EAST - WEST

R 36 L 34

NORTH - SOUTH

R 32 L 32

SCALE ERROR

OK ☒ REJECT ☐

FRICTION

OK ☒ REJECT ☐

DAMPING

OK ☒ REJECT ☐

HEELING ERROR

R -2 L +5

COMMENTS

G18	Top Bearing	1	
G19	Bottom Bearing	1	
G14	Gimbal Bearing	2	
R8	Rotor Bearing	2	

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return to
ncy

[illegible]

Description of Inspections, Tests, Repairs and Alterations
 Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)

WAGNER AIRWAYS
425 BEAVER BROOK RD.
LINCOLN PARK, NJ 07035
1-800-654-6111

Reg #: 2321M	Make: Piper	Model: PA28-161
Date: 03-08-2003	W/O #: 2479	Tach.: 4647.6
		TT: 4647.6

Pilot reported that he has to use constant left rudder to keep aircraft straight. Found rudder cables to be out of rig and tensions off. Disconnected cables and rerigged per manufactures instructions and adjusted cable tension. ground check satisfactory.

Removed VSI for overhaul. Sent to Keystone Instruments and reinstalled after overhaul.

This aircraft was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service. Details of this repair are on file at this agency under the work order listed above.

Michael Kast
Michael Kastner 157829388