

G-AYZY.

G-AYZY

I

39-59

BOARD OF TRADE

FORM C.A. 27

Book #1

6/24/71 - 11/29/76

AIRCRAFT
LOG BOOK

BOARD OF TRADE

AIRCRAFT LOG BOOK

INSTRUCTIONS FOR USE

- (1) The entries in this log book shall be made and signed in accordance with the provisions of the Orders in Council and Regulations for the time being in force under the Civil Aviation Act, 1949, or any Act amending or replacing the same.
- (2) Each entry in the log book shall be made as soon as is practicable after the occurrence to which it relates, but in no event more than seven days after the expiration of the certificate of maintenance (if any) in force in respect of the aircraft at the time of the occurrence. All entries shall be made in ink, no entry shall be erased and no page shall be removed.
- (3) Entries shall be made in respect of the date and duration of each flight (on a chock-to-chock basis), or, if more than one flight was made on one day, the number of flights and total duration of flights on that day.
- (4) Entries shall be made in column 5 in respect of maintenance, overhauls, repairs, replacements, modifications and mandatory inspections, and of defects and their rectification and the place at which such work was carried out.
- (5) Such information as constructor's notes, aircraft inspection record, rigging and installation diagrams, shall be affixed to the binding slips provided for the purpose.
- (6) This log book shall be produced, on demand, for the inspection of any authorised person.
- (7) This log book shall be preserved until a date two years after the aircraft to which it relates has been destroyed or permanently withdrawn from use.

Printed in England by H. Baldwin & Co. Ltd. and published by
HER MAJESTY'S STATIONERY OFFICE
Price 16s. 0d. net
Exclusive of Purchase Tax

AIRCRAFT (HEAVIER-THAN-AIR)

AIRCRAFT

Nationality and Registration Marks G - AYZY
Type of Aircraft PIPER PA39
Constructor PIPER AIRCRAFT CORPORATION
Constructor's No. B9-89 Date of Construction _____

OPERATOR

Name AIR ANGELIA LTD.
Address FIFERS LAKE, NORWICH AIRPORT, NORFOLK.
Name GILL AVIATION LTD
Address NEWCASTLE AIRPORT NORTHUMBERLAND
Name _____
Address _____
Name _____
Address _____
Name _____
Address _____

AIRCRAFT

G-AYZY "A11"

- (1) Particulars of all maintenance work
- (2) Particulars of all overhauls, repairs
- (3) Particulars of any defects, repairs, reference to the relevant records
- (4) Certificate that it is carrying out the

Date (1)	Number of Flights (2)	Duration of Flights (3)		Time since renewal of Certificate of Airworthiness or Time since Manufacture (4)	
		Hours	Mins.	Hours	Mins.
Total Brought Forward		32	35	NIL	
23.6.71		0	55	0	55
24.6.71		1	45	2	40
25.6.71		3	55	6	35
25.8		2	25	9	00
26.8		4	35	13	35
27.8		2	15	15	50
27.8		2	00	17	50
30.8		1	30	19	20
31.8		4	55	24	15
5.9			50	25	05
6.9		2	10	27	15
7.9		2	05	29	20
7.9		4	30	33	50
8.9		2	10	36	00
9.9		2	25	38	25
Total Carried Forward		71	00	346	25

FERRY FLIGHT

Test flight

Radio Installation Surveyed

~~D. Hawke~~ 24.6.71

Air Registration Board.

Paper PA. 39 G-AYZY

Certified that this aircraft
is approved for the issue
of a Certificate of Airworthiness.

The J. Hoosman.
Air Registration Board
24th June, 1971

C. S. E. AIRCRAFT SERVICES LTD.**Oxford Airport, Kidlington, Oxon**

CES/AM6555

LOG BOOK CERTIFICATE**AIRCRAFT TYPE** PA 39

Tel: Kidlington 3363

Serial No. 39-89

REGISTRATION G-AYZY**ENGINE TYPE** Lycoming. (Lt.) IO-320-B1A. (Rt.) LIO-320-B1A. S.Nos. L-4643-55A (Lt.);**PROPELLER TYPE** Hartzell. (Lt.) HC-E2YL-2BS. (Rt.) HC-E2YL-2BLS. L-200-66A (Rt.).

SP(Oxf)

EB.376

S.Nos. BG4289 (Lt.); DP103 (Rt.).

The following work has been carried out on the above Airframe for Issue of British C. of A. in the General Purpose Category.

50 Hour Inspection to the Manufacturer's Recommended Maintenance Schedule.

F.A.A. Airworthiness Directives

Not applicable:- 64-9-5; 64-16-6; 64-21-5; 64-28-3; 65-11-4; 66-18-4; 66-28-6;
67-19-5; 69-13-3; 69-24-4; 70-15-17; 70-22-2; 70-22-5.

Found satisfied:- 71-12-5.

A.R.B. Additional Directives

Not applicable:- Brittain Turn Co-ordinator - Model TC-100.

Airframe De-icer Kit (Pump Type), Serial No. 407 installed in accordance with Manufacturer's Instructions - Materials Batch No. SB/15362/0.

Propeller De-icer Kit (alcohol), Serial No. 169 installed in accordance with Manufacturer's Instructions - Materials Batch No. SB/15362/0.

Auxiliary, wing tip, fuel tank installation removed from aircraft - fuel system returned to standard configuration and wing tips fitted, Batch No. SB/5206/0.

Starter Engaged Warning Lights installed as required by A.R.B. Notice No. 33, Issue 2, dated 30-6-67 (Minor Mod. CES/GHELT/322 refers).

CONTINUED

CSE/AM9366

C. S. E. (AIRCRAFT SERVICES) LTD.
Oxford Airport, Kidlington, Oxon

Tel: Kidlington 3363

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PA 39
ENGINE TYPE Lycoming
PROPELLER TYPE Hartzell

REGISTRATION G-AYZY

S.F. 10x1

The following work has been carried out on the above Airframe,

Right main oleo leg seals renewed, (leaking).
Materials Batch Nos. SR/11609/0, SR/13428/0, SR/13488/0 and SR/14011/0.

Main cabin door checked for fit - found satisfactory.
Aircraft Test Flown and door seal checked for effectiveness - found satisfactory.

I hereby certify that the inspection / overhaul / repair replacement / modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements.

EB/375

(Signed) J. Brown Chief Inspector
C.S.E. (AIRCRAFT SERVICES) LTD.

A.R.B. Approval Reference A1 2250/46

oc Licence No.

Date 30.9.71.

done
reply
in th
the T
over

C. S. E. (AIRCRAFT SERVICES) LTD.

Oxford Airport, Kidlington, Oxon

Tel: Kidlington 3363

CSE/AM 9366

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PIPER PA 39

ENGINE TYPE

PROPELLER TYPE

REGISTRATION

G-AYZY

S.P. (Dk.)

The following work has been carried out on the above radio station

King EX 170 VHF NAV/COMM R/T unit serial no. 2011 removed,
repaired, refitted and functioned.

I hereby certify that the inspection / overhaul / repair
replacement / modification specified above has been carried out
in accordance with the requirements of Chapter A43 of British
Civil Airworthiness requirements.

EB/375

(Signed)



FOR Chief Inspector

C.S.E. (AIRCRAFT SERVICES) LTD.

A.R.B. Approval Reference A1.2250/46

or Licence No. 13406

Date 29th September 1971.

Air Anglia Limited

NORWICH AIRPORT - NORFOLK

AIRCRAFT TYPE PA 39 REGISTRATION G-AYZY PROP. TYPE HC-E2YL-2B5	ENGINE TYPE Eya. L10-320-B1A SERIAL No. Pti L-4643-55A St: L-200-66A SERIAL No. Pti: ED. A283 St: DP. 103
--	--

The following work has been carried out on the above

{	Aircraft
{	Engines
{	Roadbox

1. Check 2 carried out in accordance with ARB/GPMS/PW/1971.

I hereby certify that the inspection/overhaul/
 repair/replacement/modification specified above
 has been carried out in accordance with
 requirements of Chap A4-3 of Civil Airwor-
 thiness Requirements

Signed *[Signature]*

Authority 6070 Date 24.9.71

(AIRCRAFT SERVICES) LTD.
Oxford Airport, Kidlington, Oxon

CSE/AM 9236

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PIPER PA 39

ENGINE TYPE

PROPELLER TYPE

Tel: Kidlington 3163

REGISTRATION
G-AYZY

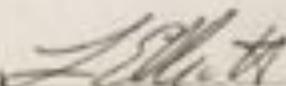
S.P. 106.1

The following work has been carried out on the above radio station

King KX 170 VHF NAV/COMM R/T unit serial no. 2223
removed, repaired, refitted and functioned.

I hereby certify that the inspection / overhaul / repair
replacement / modification specified above has been carried out
in accordance with the requirements of Chapter A4.3 of British
Civil Airworthiness requirements.

EB/375

(Signed)  FOR Chief Inspector
C.S.E. (AIRCRAFT SERVICES) LTD.

A.R.B. Approval Reference A1.2250/46

License No. _____

Date 15th September 1971.

AIRCRAFT TYPE	PA 39	ENGINE TYPE	Lyc. LIO-320-B1A
REGISTRATION	G-AYZY	SERIAL No.	Pt: L-4643-55A St: L-200-66A
PROP. TYPE	HC-301L-205	SERIAL No.	Pt: DP 4283 St: DP 103

The following work has been carried out on the above

{	Aircraft	} station
	Engine	
	Radio	

1. Check 3 carried out to APB/OPMS/PA/1971 Issue I schedules.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Case 44-3 of Civil Airworthiness Requirements.

Signed *S. J. [Signature]*

Authority 13445 Date 24.10.71

AIRCRAFT TYPE PA 33	ENGINE TYPE Lyc. LI0-320-B1A
REGISTRATION G-AYZY	SERIAL No. Pt: L 2633-55A St: L 200-55A
PROP. TYPE HC-52YL-285	SERIAL No. Pt: BG 4289 St: DP 103

The following work has been carried out on the above

{	Aircraft
{	Engine
{	Radio

1. Check 2 carried out to AEB/GPMS/PW/1971 Issue I schedules.
2. Entrance door catched adjusted.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chap A4-3 of Civil Airworthiness Requirements.

Signed *Russon*

Authority 6070 Date 24-10-71

Area on
replacement
in the
the Test
overhaul

Book Certificate

Air Anglia Limited

Page 1 of 1

NORWICH AIRPORT - NORFOLK

AIRCRAFT TYPE	PA 39	ENGINE TYPE	Lyc L10-30D-B1A
REGISTRATION	G-AYZY	SERIAL No. Pt: L-4643-55A	St: L-200-66A
PROP. TYPE	HC-BZYL-2B5	SERIAL No. Pt: 30 4289	St: DP 103

The following work has been carried out on the above

Aircraft
Engine
Radio

1. Check 2 carried out to ABB/OPMS/PW/1971 Issue I schedules.
2. New exhaust strap fitted to port engine. Batch 0227.
3. Heater duct temperature cycling switch adjusted.
4. New brake pads fitted. Batch 1093, 1092.

I hereby certify that the inspection/overhaul/
repair/replacement/modification specified above
has been carried out in accordance with the
requirements of Chap. A4.3 of Civil Airworthiness
Regulations.

Signed *Dilson*

Authority 2070 Date 23.11.71

AIRCRAFT TYPE PA 39	ENGINE TYPE Lys. LI0-320-BIA
REGISTRATION G-AYZY	SERIAL No. Pt: L-4683-55A St: L-200-66A
PROP. TYPE HC-82YL-2B5	SERIAL No. Pt: BG 4289 St: DP 1D3.

The following work has been carried out on the above

{ Aircraft
 { Engine
 { Piston

1. Check 2 carried out to ARB/GPMS/PW/1971 Issue I schedules.
2. Both main wheel tyres changed. Batch 71/157/3, 71/157/5.
3. File ref_ AA.E/R/267.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Part 1 of Civil Aviation Regulations No. 217.

Signed *[Signature]*

Authority 6070 Date 24.12.7

draw
right
in
the
over

Air Anglia Limited

NORWICH AIRPORT - NORFOLK

AIRCRAFT TYPE..... PA 39	ENGINE TYPE..... Lye. LI0-320-81A
REGISTRATION..... G-AYBY	Serial No. Pt: L-4643-55A St: L-300-55A
PROP. TYPE..... HC-82YL-2B5	SERIAL No.

The following work has been carried out on the above ~~Aircraft~~ ~~ENGINE~~ Radio station

1. Check 3 carried out to AEB/OPMS/PA/1971 Issue I schedules.
2. File ref: AA.E/H/267.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chap. 17-3 of Civil Airworthiness Requirements.

Signed [Signature]
Authority 13995 Date 24 12 71

N.B.—This Certificate constitutes a Log Book Entry and must be affixed in the appropriate Log Book

NORWICH AIRPORT - NORFOLK

AIRCRAFT TYPE PA 39
 REGISTRATION D-AYZY
 PROP. TYPE

ENGINE TYPE
 SERIAL No.
 SERIAL No.

The following work has been carried out on the above

~~Altimeter~~
~~Engine~~
 Radio

1. King KI 201B serial no.2319 removed defective, rectified and refitted. GR 71/128/1
2. Checked with Test Set and found satisfactory.
3. File ref: AAR/245.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chap. A4-3 of Civil Airworthiness Requirements.

Signed *[Signature]*

Authority 13495 Date 15/13/21

N.B.—This Certificate constitutes a Log Book Entry and must be affixed in the appropriate Log Book

GSE/AM/A394

C. S. E. (AIRCRAFT SERVICES) LTD.

Oxford Airport, Kidlington, Oxon

Tel: Kidlington-3363

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PA 39
ENGINE TYPE Lycoming
PROPELLER TYPE Hartzell

REGISTRATION G-AYZY

S.P. (Ox)

The following work has been carried out on the above Airframe,

Cabin heater igniter plug cleaned.
Pressure switch vent cleaned.
Heater checked out on ground - satisfactory.

I hereby certify that the inspection / overhaul / repair replacement / modification specified above has been carried out in accordance with the requirements of Chapter A43 of British Civil Airworthiness requirements.

(Signed)  Chief Inspector

C.S.E. (AIRCRAFT SERVICES) LTD.

A.R.B. Approval Reference A1.2250/46

or Licence No.

Date 11.2.72.

EB/375

NORWICH AIRPORT - NORFOLK

AIRCRAFT TYPE PA 39	ENGINE TYPE Lye. IO-320-BIA
REGISTRATION G-AYZY	SERIAL No. Pt: L-4643-55A St: L-200-66A
PROP. TYPE HC. EZYL-288	SERIAL No. Pt: EG 4289 St: IP 103.

The following work has been carried out on the above { Aircraft
Engine
Radio

1. Check 2 carried out to ABB/GPWS/PW/1971 Issue I Schedules.
2. File ref: AA.E/280.

I hereby certify that the inspection/overhaul/
repair/replacement/modification specified above
has been carried out in accordance with the
requirements of Chgs. 41-3 of Civil Aviation
Requirements

Signed *S. J. [Signature]*
Authority 13445 Date 24-1-72

N.B.—This Certificate constitutes a Log Book Entry and must be affixed in the appropriate Log Book

done on
replace
in the
the Tech
overhaul

Log Book Certificate

Air Anglia Limited
NORWICH AIRPORT - NORFOLK

Page 1 of 1

AIRCRAFT TYPE.....Piper PA 39.....

REGISTRATION.....G-AYZY.....

PROP. TYPE.....HC-KZYL-285.....

ENGINE TYPE.....Lyc. IO-320-B1A.....

SERIAL No. Pt: L-4643-55A St: L-200-559.....

SERIAL No. Ptl: EG. A289 St: EW DP. 103A.....

The following work has been carried out on the above

{ Aircraft
Engines
Radios

1. Check 2 carried out in accordance with ABE/OPMS/PW/1971 Issue I schedules.
2. Port undercarriage door operating arm mounting bracket retightened.
3. New tail nav light fitted. Batch 72/099/1.
4. Heater blower motor brushes renewed, fuel nozzle removed and cleaned, refitted. Heater functioned and found satisfactory.
5. File ref: AA.E/R/353.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chap A4-3 of Civil Airworthiness Requirements.

Signed.....*[Signature]*.....

Authority 11947 Date 24-2-72

N.B.—This Certificate constitutes a Log Book Entry and must be affixed in the appropriate Log Book

NORWICH AIRPORT - NORFOLK

AIRCRAFT TYPE..... PA 39	ENGINE TYPE
REGISTRATION G-AYZY	SERIAL No.
PROP. TYPE	SERIAL No.

The following work has been carried out on the above

(Aircraft
Engine
Radio

1. Check 3 carried out in accordance with ABE/CIRAS/PW/1971 Issue I.
2. File ref: AA.E/R/353.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chap. A4-3 of Civil Airworthiness Requirements.

Signed Solymine

Authority 13445 Date 24 2 72

done on
repairs
in the
the Tests
overhaul

Log Book Certificate

Air Anglia Limited
NORWICH AIRPORT - NORFOLK

AIRCRAFT TYPE.....PA 39
REGISTRATION.....G-AZY
PROP. TYPE.....HC-EZYL-2B5

ENGINE TYPE.....Lyc. IO-320-B1A
SERIAL No. Pt: L-4643-55A St: L-320-669
Pt: BO 4289 St: DP 103
SERIAL No.

The following work has been carried out on the above Aircraft
 ENGINE
 Radio

1. Check 2 carried out to ARB/GPMS/PW/1971 Issue I schedules.
2. Piper SB 300, SL 575 and 595 carried out.
3. Flap tracks and rollers cleaned and reprotected.
4. File ref: AA.E/387.

I hereby certify that the inspection/overhaul/
repair/replacement/modification specified above
has been carried out in accordance with the
requirements of Chap. A4-3 of Civil Airworth-
ness Requirements

Signed [Signature]

Authority EAE 11993 Date 26.3.72

N.B.—This Certificate constitutes a Log Book Entry and must be affixed in the appropriate Log Book

done on 1
replacem
in the an
de Techn
overhaul)

Log Book Certificate

Air Anglia Limited
NORWICH AIRPORT - NORFOLK

Page 1 of 1

AIRCRAFT TYPE.....PA 39.....	ENGINE TYPE
REGISTRATIONG-AYZY.....	SERIAL No.
PROP. TYPE	SERIAL No.

The following work has been carried out on the above

<input checked="" type="checkbox"/> Aircraft
<input checked="" type="checkbox"/> Engines
<input type="checkbox"/> Radio

1. Check 3 carried out to ARB/GPMS/PW/1971 Issue I schedules.
2. File ref: AA.E/R/421.

I hereby certify that the inspection/overhaul/
repair/replacement/modification specified above
has been carried out in accordance with the
provisions of Chap. A4-3 of Civil Airworth-
ness Requirements.

Signed [Signature]

Authority 1343- Date 22.4.72

N.B.—This Certificate constitutes a Log Book Entry and must be affixed in the appropriate Log Book

done on the
replacements,
in the aircraft
the Technical
overhaul page

Log Book Certificate

Air Anglia Limited NORWICH AIRPORT - NORFOLK

AIRCRAFT TYPE.....	PA 39	ENGINE TYPE.....	
REGISTRATION.....	G-AYZY	SERIAL No.	
PROP. TYPE.....		SERIAL No.	

The following work has been carried out on the above

- (Aircraft:xxx
- Engine:xxxx
- Radio

1. Unit type KX 170, serial number 3011 removed to workshop for rectification.
2. Rectification carried out unit refitted to aircraft, tested and found serviceable, GR72.432.1.
3. File ref: AA.E/R/459

I hereby certify that the inspection/overhaul repair/replacement/modification specified above has been carried out in accordance with the requirements of Chap. A4.3 of Civil Airworthiness Requirements.

Signed [Signature]
 Authority 13495 Date 1.5.72

NORWICH AIRPORT - NORFOLK

AIRCRAFT TYPE.....PA-39.....	ENGINE TYPE.....Lyco IO-320-B1A.....
REGISTRATION.....G-AXZY.....	SERIAL No/Ptr: L-4843-55A St: L-200-669.....
PROP. TYPE.....BC-831L-285.....	SERIAL No. Pt: BG-4289 St: DP-103.....

The following work has been carried out on the above

(Aircraft
 Engine
 Radio:xx

1. Check 2 carried out to ARB/OPMS/FW/1971 Issue I schedules.
2. Service Bulletins 320 carried out, service letters 598, 599, and 609 carried out.
3. File ref: AA.E/R/421.

I hereby certify that the inspection/overhaul/
 repair/replacement/modification specified above
 has been carried out in accordance with the
 requirements of Chap. A4-3 of Civil Airworth-
 ness Requirements.

Signed

Authority

11993

Date

22.4.72

line on 1
replaceme
in the st
de Techn
overhaul

Log Book Certificate

Air Anglia Limited
NORWICH AIRPORT - NORFOLK

AIRCRAFT TYPE.....PA 30.....	ENGINE TYPE...Lyc. IO-320-BIA.....
REGISTRATION.....G-AYZY.....	SERIAL No. Pt: L-4643-55A St: L-200-669.....
PROP. TYPE.....HC-E2YL-285.....	SERIAL No. Pt: 83-4289 St: DP-103.....

The following work has been carried out on the above

- Aircraft
- Engine
- Radio

1. Check 1 carried out to AEB/GPMS/PW/1971 Issue 1 schedules.
2. Heater plug cleaned and found satisfactory.
3. File ref: AA.E/488.

I hereby certify that the inspection/overhaul/
repair/replacement/modification specified above
has been carried out in accordance with the
requirements of Chap. A4-3 of Civil Airworthi-
ness Requirements

Signed of Almond
Authority 11993 Date 17.5.72

N.B.—This Certificate constitutes a Log Book Entry and must be affixed in the appropriate Log Book

AIR ATIGHT LIMITED

NORWICH AIRPORT - NORFOLK

AIRCRAFT TYPE.....PA 39.....
 REGISTRATION.....G-AYZY.....
 PROP. TYPE.....

ENGINE TYPE.....
 SERIAL No.
 SERIAL No.

The following work has been carried out on the above

{ Aircraft ~~xxxx~~
 { Engine ~~xxxxxx~~
 { Radio

1. Unit type EX 170, serial number 2011 removed to workshop.
2. Rectification carried out, refitted to aircraft, tested and found to be satisfactory.
 GR 72.483.1.
3. File ref: AA:R/R/ 479

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chap. A4.3 of Civil Aircraft (Aviation) Regulations.

Signed

[Signature]

Authority

13495

Date

9.5.72

N.B.—This Certificate constitutes a Log Book Entry and must be affixed in the appropriate Log Book

Log Book Certificate

Air Anglia Limited
NORWICH AIRPORT - NORFOLK

AIRCRAFT TYPE.....PA. 30.....	ENGINE TYPELyc. IO-320-B1A.....
REGISTRATIONG-AYZY.....	SERIAL No. Pt: L-4643-55A St: L-200-669.....
PROP. TYPEHC-82YL-885.....	SERIAL No. Pt: 89-4389.....St: DP 103.....

The following work has been carried out on the above Aircraft
 Engine
 Radio

1. Check 2 carried out to ARB/GPMS/PW/1971 Issue I schedules.
2. File ref: AA.E/497.

I hereby certify that the inspection/overhaul/
repair/replacement/modification specified above
has been carried out in accordance with the
requirements of Chap 34.3 of Civil Airworth-

Signed [Signature]
Authority GDN Date 23.5.72

done
replace
on the
the T
overh

Log Book Certificate

Air Anglia Limited
NORWICH AIRPORT - NORFOLK

Page 1 of 1

AIRCRAFT TYPE PA 30
REGISTRATION G-AYLY
PROP. TYPE

ENGINE TYPE
SERIAL No.
SERIAL No.

The following work has been carried out on the above {
Abstract
Engine
Radio

- 1. Check 3 carried out to ARR/QPMS/PW/1971 Issue 1 schedules.
- 2. File ref: AA. R/529

By New York
By New York
By New York
By New York
By New York

I hereby certify that the inspection/overhaul/
repair/replacement/modification specified above
has been carried out in accordance with the
requirements of Chap. A4-3 of Civil Airworth-
ness Regulations.

Signed 

Authority 13989 Date 17-7-72

NORWICH AIRPORT - NORFOLK

AIRCRAFT TYPE PA 39	ENGINE TYPE Lyc. IO-320-HLA
REGISTRATION G-AYZY	SERIAL No. Pt: L-4643-55a St: L-200-669
PROP. TYPE HC-H2XL-2B5	SERIAL No. Pt: BG 4289 St: DP 103

The following work has been carried out on the above } Aircraft
} Engine
} Radio

1. Check 3 carried out to ARB/GPMS/FW/1971 Issue I schedules.
2. Service bulletin 340, service letter 575, 595, 598, 599, 600 carried out.
3. New life jackets fitted. GR 72-599/28/2/49/50/34/46.
4. Port aileron control lock nut and stops adjusted, Horizontal stabilizer cables adjusted,
5. Duplicate inspections carried out.
6. File ref: AA.E/538.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chap. A4-3 of Civil Airworthiness Requirements.

Signed *J. Deady*

Authority *903* Date *16.7.72*

done on the aircraft, replacements, modifications and mandatory inspections to the aircraft or its equipment, in the aircraft or its equipment and of the rectification of such defects including a the Technical Log, overhaul, repair etc., all mandatory requirements applicable thereto have been complied with.

(5)

Check ONE Inspection to Approved Maintenance

Schedule GPM5 Issue _____ amendt A

B. _____ carried out at 501-005 airframe 1483

File ref. 2472-2 date 1-9-72

done on the aircraft, replacements, modifications and mandatory inspections to the aircraft or its equipment, in the aircraft or its equipment and of the rectification of such defects including a Technical Log, overhaul, repair etc., all mandatory requirements applicable thereto have been complied with.

(3)

SERVICE LETTERS - P. 122, 575, 595, 609 AND

SERV. BULLETIN 320 CARRIED OUT.

FILE REF 24 72-3 REFERS

SERVICE BULLETIN 349 - ELECTRICAL SYSTEM MASTER SWITCH REGISTRATION

CARRIED OUT. FILE REF 24/72-3 REFERS AIR ANGLIA

AIRCRAFT TYPE... <u>Piper PA 39</u> REGISTRATION... <u>G-AYZY</u> PROP. TYPE	ENGINE TYPE SERIAL No. SERIAL No.
--	---

The following work has been carried out on the above

{ Aircraft
 { Engine
 { Radio

Renewal of Certificate of Airworthiness

Check 4 carried out to ARB/GPMS/FW/1971 Issue 2.
 Narco DME 70 ser.no. 11HQ9 removed for repair.
 King KI-211B Converter/Indicator G.S. is unserviceable on
 Glide slope mode only. Awaiting Spares. Unit labelled No. Glide Slope
 Radio Compass Loop swing carried out.
 Radio Air Test carried out.

I hereby certify that the inspection/overhaul/
 repair/replacement/modification specified above
 has been carried out in accordance with the
 requirements of Chap. A4-3 of Civil Airworth-
 iness Regulations.

Signed

Authority


 Date 17-4-73

work on the aircraft, replacements, modifications and mandatory inspections to the aircraft or its equipment, to the aircraft or its equipment and of the rectification of such defects including a Technical Log, overhaul, repair etc., all mandatory requirements applicable thereto have been complied with.

(1)

Check	ONE	Inspection to Approved Maintenance
Schedule	AR0/GPMG/KW/1971	Issue 1 amendt A
B.13	carried out at	577-15 airframe hours
File no	27 72-4	date 23-2-73

FAD 72-11-1 completed

FAD 72-14-5 with SB 319 completed

PART THREE CHANGED S/N 3311 OFF

S/N INT 21625 IN

RADIO CHECK 3 CARRIED OUT

AIR RAGLIA

Check	FOUR	Inspection to Approved Maintenance
Schedule	AR0/GPMG/FW/1971	Issue 2 amendt A
	carried out at	584-16 airframe hours
ref.	27/73-1	date 19-4-73

RADIO CHECK FULT CARRIED OUT

ALL PAPER SBs & SLS CHECKED AND FOUND

NOT APPLICABLE THIS CHECK.

ALL FADs THROUGH ISSUE 73-3 CHECKED

AND FOUND NOT APPLICABLE THIS AIRCRAFT

D.C. CHANGED S/N OFF 333, S/N cd 271 PT. 2° 254-7 BATCH 4° 3745, WING 82-1108

D.C. CHANGED PT. 2° FAD/10A-1ES-1 FILE REF 27/73-1 REFERS AIR RAGLIA

AIRCRAFT

DATE (1)	NUMBER OF FLIGHTS (2)	DURATION OF FLIGHTS (3)		TIME SINCE REMOVAL OF CERTIFICATE OF AIRWORTHINESS OR TIME SINCE MANUFACTURE (4)		
		Hours	Min.	Hours	Min.	
Total Brought Forward						<p style="font-size: small;">(1) Particulars of all maintenance work (2) Particulars of all overhauls, repairs (3) Particulars of any defects corrected reference to the relevant section (4) Certificate that is carrying on the</p> <p>CERTIFIED THAT THIS AIRCRAFT IS APPROVED FOR THE RENEWAL OF ITS CERTIFICATE OF AIRWORTHINESS.</p> <p style="text-align: center;"><i>W. J. Jones</i> SURVEYOR CIVIL AVIATION AUTHORITY AIRWORTHINESS DIVISION</p> <p>DATE: <i>April 18 1973</i></p> <p style="text-align: center;"><i>Chief Flying Instructor Sergeant J. P. White</i></p> <p><i>April 19th 1973</i> <i>Civil Aviation Authority</i></p>
Total Carried Forward						

NORWICH AIRPORT - NORFOLK

AIRCRAFT TYPE.....	Piper PA 39	ENGINE TYPE	
REGISTRATION	G-AYZY	SERIAL No.	
PROP. TYPE		SERIAL No.	

The following work has been carried out on the above

 Aircraft
 Engine
 Radio

King KX 170 VHF Nav/comm ser.no. 2223 removed for fault rectification.
 AA/RAD/291 refers.
 Refitted and function tested.
 Satisfactory.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chap. A4-3 of Civil Airworthiness Requirements.

Signed

Authority

10989R

Date

17-4-73

AIRCRAFT

Date (1)	Number of Flights (2)	Duration of Flights (3)		Time since Renewal of Certificate of Airworthiness or Time since Manufacture (4)			
		Hours	Min.	Hours	Min.		
Total Brought Forward		623	45	590	15		
26.5.73	1	1	30	591	45		
29.5.73	1	1	20	593	15		
30.5.73			25	593	40		
June 1	1	1	30	595	05	<p style="text-align: right;">127 10 - 05</p> <p>Time entered in error. <i>Y.M.</i></p>	
2	1	1	50	596	55		
3	4	1	50	598	45		
4	2	-	50	599	35		
5	2	-	30	600	05		
7	2	1	30	601	35		
8	3	2	15	603	50		
9	5	2	00	605	50		
11	4	2	25	608	15		
12	1	-	50	609	05		
14	2	-	55	610	00		
15	3	1	45	611	45		
Total Carried Forward		627	05	593	35		

127 10 593 40

use on the aircraft, replacements, modifications and mandatory inspections to the aircraft or its equipment, in the aircraft or its equipment and of the rectification of such defects including a de Technical Log overhaul, repair etc., all mandatory requirements applicable thereto have been complied with.

(3)

CHECK <u>I</u> CARRIED OUT IN ACCORDANCE WITH APPROVED MAINTENANCE SCHEDULE	
REF.	(ARR/CAIR/FR/1971)
ISSUE	2
MAINTENANCE SCHEDULE APPROVED No.	
SIGNED	<u>L. Flood</u> 
AUTHORITY <u>M/222/4</u> DATE <u>31-3-73</u>	

Part oil Cooler SR No AA - ~~6009~~⁶⁰⁰⁹ ² present at floor mounting - examine.
 New oil Cooler SR No HA 4107 Batch No. 36/72 fitted.
 2 New air filters fitted. P. No. 460-622 Batch No. 80/73 fitted.

CHECK <u>I</u> CARRIED OUT IN ACCORDANCE WITH APPROVED MAINTENANCE SCHEDULE	
REF.	(ARR/CAIR/FR/1971)
ISSUE	2
MAINTENANCE SCHEDULE APPROVED No.	
SIGNED	<u>L. Flood</u> 
AUTHORITY <u>M/222/4</u> DATE <u>31-3-73</u>	

I hereby certify that the inspection/Overhaul/Repair/Replacement/Maintenance specified above has been carried out in accordance with the requirements of Chapter A4-3 of British Civil Airworthiness Requirements.
 Signed L. Flood 
 C.S.E. Aviation (Certificate) Ltd.
 A.R.B. Approved Reference AL/8202/71
 or Licence No. _____
 Date 31-3-73

C.S.E. Aviation (Carlisle) Ltd.

Carlisle Airport, CARLISLE. CA6 4NW.

LOG BOOK CERTIFICATE:

Tel. No.: Crosby-on-Eden 641

Aircraft Type: PA 39 Ser. No. Registration G-ATXX

Engine Type: Ser. No.

Propeller Type: Ser. No.

The following work has been carried out on the above: AIRCRAFT RADIO STATION

Check Three to AEM/GPMS/P4/1971 Issue 2

Signed *H. K. K. K. K.*

C.S.E. Aviation (Carlisle) Ltd

C.A.A. Approval Ref. A1/8261/71

or Licence No. 13170

Date 12.7.73

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chapter A4-3 of British Civil Airworthiness Requirements.

use on the aircraft.
 replacements, modifications and mandatory inspections to the aircraft or its equipment.
 the aircraft or its equipment and of the rectification of such defects including a
 Technical Log.
 overhaul, repair etc., all mandatory requirements applicable thereto have been complied with.

(1)

ReplacementsTube 6-00 x 6 DH.2. batch 10⁵/73 qty 1TYRE 6-00 x 6 6ply AN4010238 batch 9⁸/73 (nose)TYRE 6-00 x 6 6ply J11010312 batch 9⁵/73 (STRD MAIN)CSE MOD. PA30/777 batch 14¹/73 Incorporated (fuel cock guard)Connectors 32445 batch 5⁶/73 qty 12.

CHECK & CARRIED OUT IN ACCORDANCE
 WITH APPROVED MAINTENANCE SCHEDULE
 REF. A/B/S/MS/PLW/1971
 ISSUE 2
 MAINTENANCE SCHEDULE APPROVED No.
 SIGNED *L. Toddart* (CASA 5)
 AUTHORITY A/8261/71 DATE 13-7-73

I hereby certify that the inspection/~~overhaul~~/Repair
 Replacement/Modification specified above has been
 carried out in accordance with the requirements
 Chapter A4-3 of British Civil Airworthiness Requirements

Signed *L. Toddart*

C.S.E. Aviation (Christie) Ltd.

A.B. Approval Reference A/8261/71 (CASA 5)

or License No.

Date 13-7-73

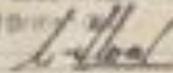
done on the aircraft, replacements, modifications and mandatory inspections to the aircraft or its equipment, in the aircraft or its equipment and of the rectification of such defects including a the Technical Log, overhaul, repair etc., all mandatory requirements applicable thereto have been complied with.

(5)

Compass Swung - "Steer-By" Card affixed in Aircraft.

I hereby certify that the Inspection/~~Overhaul~~/~~Check~~/~~Replacement~~/~~Maintenance~~ specified above has been carried out in accordance with the requirements of Chapter A4-3 of British General Aircraft Licence Requirements.

Signed



C.S.E. Aviation (Direct) Ltd.

LAB Approval Reference ~~1111111111~~

or Licence No. 11,199

Date 30-7-43

C. S. E. AIRCRAFT SERVICES LTD.
Oxford Airport, Kidlington, Oxford

CSE AWB1962
Reference

LOG BOOK CERTIFICATE

AIRCRAFT TYPE *Piper PA 39*

ENGINE TYPE

PROPELLER TYPE

REGISTRATION
G-AYZY

SP1049

The following work has been carried out on the above *Radio Station*

The following equipment removed, repaired, refitted and
functioned:-

	S/No.	Test Report
King KX 170 VHF Nav/Comm R/T Unit	2011	RO-2377-73
King KI 211B Course Selector Indicator	1533	RO-2378-73

PART LIFE ITEMS

I hereby certify that the inspection / overhaul / repair /
replacement / modification specified above has been carried out
in accordance with the requirements of Chapter A43 of British
Civil Airworthiness requirements.

Signed *[Signature]* for Chief Inspector

Firm C.S.E. (AIRCRAFT SERVICES) LTD.

C.A.A. Approval Reference A1.2250/66

L1000/64

Date 2.8.73

C.S.E. Aviation (Carlisle) Ltd.

Carlisle Airport, CARLISLE, CA6 4NW.

LOG BOOK CERTIFICATE

Tel. No.: Crosby-on-Eden 641

Aircraft Type: PA 20 Ser. No. 19-89 Registration G-AVEY
 Engine Type: Ser. No.
 Propeller Type: Ser. No.

The following work has been carried out on the above: AIRCRAFT RADIO STATION

Check One to 125/3070/P4/1971 Issue 2

Repla
Brak
Brak
wing

Signed [Signature]

C.S.E. Aviation (Carlisle) Ltd

C.A.A. Approval Ref. A1/8261/71

or Licence No. 13866

Date 10 8 73

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chapter A4-3 of British Civil Airworthiness Requirements.

done on
replaces
in the
the Tech
overhaul

CH
WI
EI
IS
M
S
A

done on the aircraft, replacements, modifications and mandatory inspections to the aircraft or its equipment, in the aircraft or its equipment and of the rectification of such defects including a the Technical Log, overhaul, repair etc., all mandatory requirements applicable thereto have been complied with.

(3)

CHECK I CARRIED OUT IN ACCORDANCE WITH APPROVED MAINTENANCE SCHEDULE REF. (AR0/CPMS/FW/1971) ISSUE 2 MAINTENANCE SCHEDULE APPROVED No. 1/1/1 SIGNED L. Hood 2 AUTHORITY A/224/71 DATE 10-8-73

Proctor
CHECK I CARRIED OUT IN ACCORDANCE WITH APPROVED MAINTENANCE SCHEDULE REF. (AR0/CPMS/FW/1971) ISSUE 2 MAINTENANCE SCHEDULE APPROVED No. 1/1/1 SIGNED L. Hood 2 AUTHORITY A/224/71 DATE 10-8-73

C.A.A Notice No. 41. Para 5. Para 2. (L) and (e) Complied with.

Replacements:

Brake lining 752-335 batch 16473 QTY 4
Brake Plate 755-842 batch 5471 QTY 1
wing nut AN 350-632 batch 127/71 QTY 1

I hereby certify that the Inspection/Overhaul/Repair/ Replacement/Modification specified above has been carried out in accordance with the requirements of Chapter A4-3 of British Civil Airworthiness Requirements. Signed L. Hood 2

C.S.E. Aviation (Civilian) Ltd.

C.A.A. Approval Reference A1/8261/71

or Licence No.

Date 10-8-73

I hereby certify that the Inspection/Overhaul/Repair/ Replacement/Modification specified above has been carried out in accordance with the requirements of Chapter A4-3 of British Civil Airworthiness Requirements.

Signed L. Todd 3
C.S.E. Aviation (Civilian) Ltd.

A.R.D. Approval Reference A1/8261/71

or Licence No.

Date 14-8-73

C. S. E. (AIRCRAFT SERVICES) LTD.

Oxford Airport, Kidlington, Oxford

Reference CSE/AM/B2485.

LOG BOOK CERTIFICATE

AIRCRAFT TYPE	PA 39	Serial No. 39-89	REGISTRATION	G-AYZY
ENGINE TYPE	Lycoming: IO-320-B1A (Lt.); L10-320-B1A (Rt.). S.Nos. L-4643-55A (Lt.);			
PROPELLER TYPE	Hartzell: HC-E2YL-2BS (Lt.); HC-E2YL-2BLS (Rt.). S.Nos. BG-4289 (Lt.); DP-103 (Rt.).			L-200-66A (Rt.).

S.P. 1021

The following work has been carried out on the above Airframe,

Check 2 to the ARB/CPMS/YW/1971 Approved Maintenance Schedule.

Warning Placard Kit No. 760-775, Batch No. GR2218 installed in compliance with Piper S.L. 588.

Tow Turn Limit Placard Kit Pt. No. 760-557 installed in accordance with Piper S.L. 596, Batch No. SH/23459/0. No spares available to replace high shear bolts, Pt. No. 402-800 at this date.

"No Pitch Information" placard installed on glass of Mitchell Pictorial Turn and Bank Indicator in compliance with C.A.A. Additional Directive.

Right Engine E.G.T. gauge thermocouple replaced, Batch No. SH/2579/0.

NOTE: E.G.T. gauge still w/s, suspect amplifier. No spares available to replace.

Aircraft clock removed, repaired and refitted.

Inspection Report No. I/3030 refers.

Aileron cable pulley under left rear floor panel freed off, (seized).

Stabilator control cables retensioned to eliminate control column reaching stops before stabilator.

Right aileron operating rod fwd. bolt resecured.

Worn bushes in stabilator trim operating arm rear location replaced, Batch Nos. GR1528 and GEC0718.

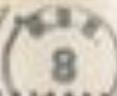
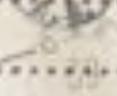
Seized bearing on rudder trim operating arm rear location replaced, Batch No. GR2206.

CONTINUED

LOG BOOK CERTIFICATE (Continuation)

done
repair
on the
the T1
overls

Sticking rudder trim operating cable pulleys freed as necessary

Initial Inspection of disturbed flying controls..... *R. G. Gorman*  4-10-73..Duplicate Inspection of disturbed flying controls..... *W. J. G. Gorman*  4-10-73..

Left main wheel tyre removed, (worn to limits).

Replacement Tyre, Serial No. L11T010199, Batch No. SB/29568/0 installed.

Rear cabin door seal replaced, (perished), Batch No. GR2890.

Placard installed on E.P. socket, Batch No. GR0960.

Park brake cable renewed, Batch No. SB/13130/0.

Auto-pilot altinatio IIIB console and amplifier removed, checked on bench - no fault found and refitted. Roll Servo, Serial No. 3650 removed, (capstan damaged), repaired and refitted. Inspection Report APO58/73 refers. Roll servo bridle cable found damaged and replaced, complete with clamps and safety sleeves, Batch Nos. GR2840 and SB/16950/0.

Auto-pilot trimmed in flight.

NOTE: Omni coupler inoperative.

No spares available to replace at this time.

I hereby certify that the inspection / overhaul / repair / replacement / modification specified above has been carried out in accordance with the requirements of Chapter A4.2 of British Civil Airworthiness requirements.

Signed _____

Chief Inspector

From _____

C.S.E. AIRCRAFT SERVICES LTD.

C.A.A. Approval Reference A1.2250/46

on Licence No. _____

Date _____

6.10.73.

C. S. E. AIRCRAFT SERVICES LTD.

Oxford Airport, Kidlington, Oxford

CSE AW/B2485

Reference

LOG BOOK CERTIFICATE

AIRCRAFT TYPE Piper PA 39

ENGINE TYPE

PROPELLER TYPE

REGISTRATION

G-AYZY

SP10x61

The following work has been carried out on the above *Radio Station*

Check three carried out to approved maintenance schedule
ARB/GPMS/FW/1971, Issue 2.

The following equipment removed, repaired, refitted and functioned:-

			S/No.	Test Report.
King	KX-170	VHF Nav/Comm R/T Unit	2223	RO-3192-73
King	KI-201B	LOC/VOR Indicator	2319	RO-3193-73
King	KT-75R	Transponder	1832	RO-3194-73
King	KFS 575	Controller	1791	RO-3195-73

PART LIFE ITEMS.

Narco DME 70 DME S/No. 11.HQ.9 - refitted after repair and
functioned. RO-1155-73 refers.

PART LIFE ITEMS

I hereby certify that the inspection / overhaul / repair /
replacement / modification specified above has been carried out
in accordance with the requirements of Chapter A4.3 of British
Civil Airworthiness requirements.

Signed

for Chief Inspector

Firm

C.S.E. (AIRCRAFT SERVICES) LTD.

C.A.A. Approval Reference A1 2350/40

REGISTRATION

Date

6.10.73

C. S. E. AIRCRAFT SERVICES LTD.
Oxford Airport, Kidlington, Oxford

Reference CSR/AM/B3296.
LOG BOOK CERTIFICATE
AIRCRAFT TYPE PA 39
ENGINE TYPE
PROPELLER TYPE

REGISTRATION G-AYZY

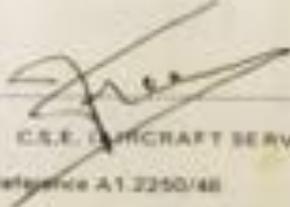
SP(0+1)

The following work has been carried out on the above Airframe,

Heater motor replaced, (due worn commutator), Batch No. G800710.
Operation of heater checked and found satisfactory.

I hereby certify that the inspection / overhaul / repair / replacement / modification specified above has been carried out in accordance with the requirements of Chapter A43 of British Civil Airworthiness requirements.

ES/370

Signed  Chief Inspector

Firm C.S.E. AIRCRAFT SERVICES LTD.

C.A.A. Approval Reference A1 2250/46

License No.

Date 18-12-73.

done on the aircraft, replacements, modifications and mandatory inspections to the aircraft or its equipment, in the aircraft or its equipment and of the rectification of such defects including a de Technical Log. overhaul repairs etc., all mandatory requirements applicable thereto have been complied with.

(7)

Radio

CHECK 2 CARRIED OUT IN ACCORDANCE WITH APPROVED MAINTENANCE SCHEDULE

RET. (CAA / CAA / CAA / 1941)

ISSUE 2

MAINTENANCE SCHEDULE APPROVED No.

SIGNED

AUTHORITY P/211/71 DATE 27-11-43

CHECK 3 CARRIED OUT IN ACCORDANCE WITH APPROVED MAINTENANCE SCHEDULE

RET. (CAA / CAA / CAA / 1941)

ISSUE 2

MAINTENANCE SCHEDULE APPROVED No.

SIGNED

AUTHORITY P/211/71 DATE 27-11-43

Paper Service Letter No 671. Inspection, Complied with
Replacements

- | | | |
|----------------------|----------------|------------------|
| 1. off brass Landing | PT. No 752-335 | Batch No. 192/73 |
| 2. off " " | " " 752-336 | " " 231/73 |
| 2 off Carbon Brush | " " 753-391 | " " 208/73 |

I hereby certify that the description of the ~~work~~ Replacements ~~mentioned~~ ~~above~~ ~~has~~ ~~been~~ carried out in accordance with the requirements of Chapter A4-211 of the ~~CAA~~ ~~requirements~~.

Signed

C.E. Authority 2

CAA Authority 2

of Licence No.

Date 27-11-43

done on the aircraft, replacements, modifications and mandatory inspections to the aircraft or its equipment, in the aircraft or its equipment and of the rectification of such defects including a Technical Log. overhaul, repair etc., all mandatory requirements applicable thereto have been complied with.

(1)

CHECK 2 CARRIED OUT IN ACCORDANCE
 WITH APPROVED MAINTENANCE SCHEDULE
 REF. (ARR / CAP 616 / F.W. / 1971)
 ISSUE 2
 MAINTENANCE SCHEDULE APPROVED No.
 SIGNED *J. E. Todd*
 AUTHORITY A/826/77 DATE 4-2-74

Radio
 CHECK 3 CARRIED OUT IN ACCORDANCE
 WITH APPROVED MAINTENANCE SCHEDULE
 REF. (ARR / CAP 616 / F.W. / 1971)
 ISSUE 2
 MAINTENANCE SCHEDULE APPROVED No.
 SIGNED *J. E. Todd*
 AUTHORITY A/826/77 DATE 4-2-74

Replacements

Brake lining 752-336 batch 231/73 QTY 2
 " " 752-335 batch 182/73 QTY 1
 Brake disc 754-554 batch 217/73 QTY 1 (P.21)

I hereby certify that the inspection: ~~Overhaul/Repair/~~
 Replacement/ ~~Inspection~~ specified above has been
 carried out in accordance with the requirements of
 Chapter A1-3 of British C. 100 requirements.

Signed *J. E. Todd*

C.S.E. Aviator (C-100) Ltd.

A.R.S. Approval Reference A1/6241/71

of Licence No.

Date 5-2-74

 C.S.E.
 3

AIRCRAFT

G-AYZY

PA-39

DATE 1944 (1)	NUMBER OF FLIGHTS (2)	DURATION OF FLIGHTS (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS OR TIME SINCE MANUFACTURE (4)		PROGRESSING TOTAL		
		HOURS	MOs.	HOURS	MOs.	HRS	MIN	
Total Brought Forward		875	00	289	15	875	00	Directional gyro SR No 6584
FEB 27 ✓	1	-	15	289	30	875	15	Overhaul by Corline International
MARCH 6 ✓	1	-	10	289	40	875	25	Lens, Suggens by Opnator.
" 7 ✓	2	1	35	291	15	877	00	plates.
" 8 ✓	1	-	10	291	25	877	10	
" 11 ✓	2	3	25	294	50	880	35	
" 12 ✓	3	2	15	297	05	882	50	
APR 1 ✓	4	1	25	298	30	884	15	
" 8 ✓	2	3	10	301	40	887	25	
" 10 ✓	2	3	20	305	00	890	45	
" 16	2	1	30	306	30	892	15	
" 18	2	2	10	308	40	894	25	
" 23	1	-	20	309	00	894	45	
Total Carried Forward		894	50	309	05	894	50	Time correct. Error at 4-2-44.

L. J. Hood
15-5-74

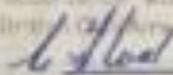
done on the aircraft,
 replacements, modifications and mandatory inspections to the aircraft or its equipment,
 in the aircraft or its equipment and of the rectification of such defects including a
 in the Technical Log.
 unless required, all mandatory requirements applicable therein have been complied with.

(7)

NEW JOHN TRILL HANTON PLUG, PI-NO. Y56-180 BULB NO. 14/74 JH-1

I hereby certify that the inspection/~~Overhaul~~/
 Replacement/~~Modification~~ specified above has been
 carried out in accordance with the requirements of
 Chapter A1-3 of British Civil Aviation Requirements.

Signed




C.S.E. Aviation (Carlisle) Ltd

A.R.B. Approval Reference A1/6261/71

or Licence No.

Date 22.2.74

PIPER HEATED WINDSHIELD KIT PI-NO. Y56-924 APP/CERT NO. 3 Y5817 INSTALLING

IN ACCORDANCE WITH PIPER KIT INSTALLATION INSTRUCTIONS AND SUBSTANCES.

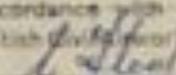
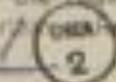
OPERATION COMPLETE AND FOUND SATISFACTORY.

COMPASS SWUNG - "SOUTH-BY" (NAB) INDICATING IN AIRCRAFT.

WINDSHIELD SURROUND ARRANGED.

I hereby certify that the inspection/~~Overhaul~~/
 Replacement/~~Modification~~ specified above has been
 carried out in accordance with the requirements of
 Chapter A1-3 of British Civil Aviation Requirements.

Signed

C.S.E. Aviation (Carlisle) Ltd

A.R.B. Approval Reference A1/6261/71

or Licence No.

Date 22.2.74

C.S.E. Aviation (Carlisle) Ltd.

Carlisle Airport, CARLISLE, CA6 4NW.

LOG BOOK CERTIFICATE:

Tel. No.: Crosby-on-Eden 641

Aircraft Type:	PIPER PA 39	Ser. No.	39-89	Registration	G-83XX
Engine Type:	Lycoming 10-320-BIA	Ser. No.	L-4643-55A (Port)		
	" " " " 10-320-BIA	Ser. No.		L-200-66A (Stbd.)	
Propeller Type:	Hartzell HC-B2YL-285	Ser. No.	B3-A298 (part)	DP-103 (Stbd.)	
	" " " " 28LS				

The following work has been carried out on the above: AIRCRAFT

Check Three to (ARB/GPMS/Fw/1971) Issue 3 Maintenance Schedule.Details of work held in Technical Records of the above company under file Ref:-
ZY/5/74 dated 23.4.74.F.A.A. DIRECTIVESNot Applicable:- 64-9-5, 64-16-6, 64-21-5, 64-28-5, 65-11-4, 66-18-4, 66-28-6, 67-19-5,
69-13-3, 69-24-4, 70-15-17, 70-22-2, 70-22-5

Previously Satisfied:- (65-3-3 Part (a)) 71-12-5

Not Due:- (65-3-3 Part (b))

EQUIPMENT

Not Applicable:- 70-22-2

Found Complied With:- 71-1-5

C.A.A. ADDITIONAL DIRECTIVESPreviously Complied With:- C.A.A. Letter Ref:- DEF/027/26 Para 2. 2.1
C.S.E. MOD PA30/777
Brittain Turn Co-ordinator Model TC-100

Inspection Complied With:- C.A.A. Letter Ref:- DEF/027/26 Para 1. 1.2

Satisfied:- Unusual Altimeter Presentations

C.A.A. AIRWORTHINESS NOTICES

Not Applicable:- No. 53 V.S.I. Has limit stops

Previously Complied With:- No. 33

CONTINUED

Found Complied With:- No's 30, 59

Not Due:- No. 82

Complied With:- No's 5, 40 (41 Heater overhauled)

Satisfied:- No's 54, 78

PIPER SERVICE BULLETINS

Previously Complied With:- No. 349

Found Complied With:- No. 388

Complied With:- No. 394

Inspection Complied With:- No. 320

PIPER SERVICE LETTERS

Previously Complied With:- No's 596, 598, 599

Found Complied With:- No's 177, 356, 636

Not Applicable at this Inspection:- No. 627

Complied With:- No's 220, 657

Inspection Complied With:- No's 575, 595, 609, 650, 679

Combustion heater: Janitrol Model B2030 Sr.No. 2690731 overhauled in accordance with Manufacturers Instructions.

Airspeed indicator check calibrated.

Propellers Sr.No. B3-4289 (Port) and Sr.No. DP-103⁽⁵⁷⁰²⁾ removed and refitted following compliance of C.A.A. Airworthiness Notice No. 75

Controls checked for full, free and correct movements. All lockings checked and controls lubricated.

Duplicate inspection control carried out:-

1st Inspection

L. L. L. L. (2)

2nd Inspection

J. J. J. J. (3)

REPLACEMENTS

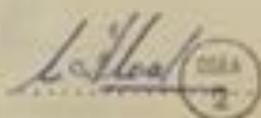
<u>QTY</u>	<u>DESCRIPTION</u>	<u>PENO.</u>	<u>BATCH NO.</u>
1	Mod Kit	760-788	8/74
1	Warning statement	757-436	55/74
1	Plackard	450-741	51/74
1	"	24959-00	276/73
1	Air Control	571-076	68/74
1	CO2 Cylinder	100P-03191	247/73
1	Lift Detector	450-742	14/74
2	Shock cords	31322-07	281/73
1	Battery	EX113r.No.	
		25877	32/74
1	Hose	22502-32	16/74
1	"	22502-29	139/73
1	"	22502-28	221/73
1	"	22502-20	286/73
1	Nipple	23969-02	231/73
1	Bulb	751-381	390/70
1	Stud	22512-00	241/73
4	Brake Linings	752-336	232/73
2	" "	752-335	313/73
2	Filter	751-815	68/74
1	"	460-888	201/71
1	Serk Fitting	460-691	120/71
1	Elbow	AN823-60	16/74
1	Pin	AN23-16	16/74
1	"	MS20392-20-17	58/74
1	"	MS20392-20-15	58/74
1	"	AN26-25	108/73
1	Hinge Pin	62002-04	192/73
1	" "	21510-02	8/74
1	Grommet	MS35489-38	132/72
1	Grommet	MS35489-18	209/73
1	"	751-875	209/73
1	Gasket	AN900-8	209/73

CONTINUED

1	Gasket	751-875	217/73
2	"	751-876	203/73
3	"	751-874	209/73
4	"	751-877	248/71
5	"	21226-00	209/73
6	"O" Ring	755-869	267/73
7	" "	AN6227-82	282/73
8	Nozzle	752-498	243/73
9	Vibrator	753-120	219/73
10	Carbon brush	753-391	208/73
11	Janitrol Plug	756-150	58/74
12	Bushing	452-383	219/73
13	"	14843-30	192/73
14	"	20737-13	19/71
15	"	14976-42	143/72
16	Bearing	452-366	286/73
17	"	25704-00	317/73
18	Roller	26943-00	56/73
19	Seal	751-772	52/70
20	"	752-829	19/72
21	Cup Washers	494-101	90/74
22	" "	494-101	249/73
23	Tyre Sr.No. M1101491	600 x 6	277/73
24	" " " A119010321	600 x 6	277/73

A.S.B. Spares as required.

Signed



C.S.E. Aviation (Carlisle) Ltd.

A.R.B. Approval Ref.

P1/826/71

or Licence No.

Date

16-5-74

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chapter A4-3 of British Civil Airworthiness Requirements.

C.S.E. Aviation (Carlisle) Ltd.

Carlisle Airport, CARLISLE, CA6 4NW.

LOG BOOK CERTIFICATE:

PA 39.

Tel. No.: Crosby-on-Eden 641

Aircraft Type: Ser. No. 39-89 Registration G-AYEY

Engine Type: Ser. No.

Propeller Type: Ser. No.

The following work has been carried out on the above: Aircraft Radio Station,

Check Three to Approved Maintenance Schedule ARS/GPMS/FW/1971 issue 3.

Signed 

C.S.E. Aviation (Carlisle) Ltd.

C.A.A. Approval Ref. ASIN 201/71
A

Licence No.

Date 16-5-74

I hereby certify that the inspection/overhaul/repair
replacement/modification specified above has
been carried out in accordance with the require-
ments of Chapter A4-3 of British Civil Airworthiness
Requirements.

done on the aircraft, replacement, modifications and mandatory inspections to the aircraft or its equipment, in the aircraft or its equipment and of the rectification of such defects including a Technical Log overhaul, repairs etc., all mandatory requirements applicable thereto have been complied with.

(1)

CHECK 2 CARRIED OUT IN ACCORDANCE WITH APPROVED MAINTENANCE SCHEDULE REF. (ARR/CAPM/FW/1971).....
 ISSUE 3.....
 MAINTENANCE SCHEDULE APPROVED No. 1 of 2.....
 SIGNED L. J. [Signature] (USA).....
 AUTHORITY PA/826471 DATE 18-6-74

Radii

CHECK 3 CARRIED OUT IN ACCORDANCE WITH APPROVED MAINTENANCE SCHEDULE REF. (ARR/CAPM/FW/1971).....
 ISSUE 3.....
 MAINTENANCE SCHEDULE APPROVED No. 1 of 2.....
 SIGNED [Signature] (USA).....
 AUTHORITY PA/826471 DATE 18-6-74

Put onto Fuel Tank SR No. W319 found leaking Tank removed and New Tank SR No W487 App. cert. No. 983441 inspected for condition found satisfactory and fitted.
 Fuel flow checker: - 45 CPH. Correct: 42 CPH

Directional gyro s/n: 4586 correct.

Directional gyro s/n: 2122 batch 11/74 fitted

I hereby certify that the inspection/Replacement/Repair carried out in accordance with the requirements of Chapter 44-20 of the Civil Aviation Regulations.

Signed: [Signature]

C.S.E. Aviation Control Ltd.

A.R.B. Approval Reference AG/8261/74

or Licence No. 10821

Date 18-6-74

C.S.E. Aviation (Carlisle) Ltd.

Carlisle Airport, CARLISLE. CA6 4NW.

LOG BOOK CERTIFICATE:

Tel No. Crosby-on-Eden 641

Aircraft Type PA 39 Ser. No. 39-89 Registration G-AYKT

Engine Type Ser. No.

Propeller Type: Ser. No.

The following work has been carried out on the above AIRCRAFT RADIO STATION

The following equipment removed, repaired and refitted.
Functioned satisfactory. Test report W285 refers.

KX 170 VHF COM/NAV TRANSMITTER Sr. No. 2223
KX 170 " " " " " " 2011

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chapter A4-3 of British Civil Airworthiness Requirements.

Signed

C.S.E. Aviation (Carlisle) Ltd

C.A.A. Approval Ref. AL 261/71

or Licence No.

Date

8.7.74

and on the aircraft.
 replacements, modifications and mandatory inspections to the aircraft or its equipment,
 on the aircraft or its equipment and of the rectification of such defects including a
 the Technical Log.
 overhaul repair etc., all mandatory requirements applicable thereto have been complied with.

(3)

CHECK 2 CARRIED OUT IN ACCORDANCE
 WITH APPROVED MAINTENANCE SCHEDULE
 REF: (ARR/CARS/PW/1971)
 ISSUE 3
 MAINTENANCE SCHEDULE APPROVED No.
 SIGNED L. Fleet CASA
2
 AUTHORITY A/826/71 DATE 16-7-74

Rods

CHECK 3 CARRIED OUT IN ACCORDANCE
 WITH APPROVED MAINTENANCE SCHEDULE
 REF: (ARR/CARS/PW/1971)
 ISSUE 3
 MAINTENANCE SCHEDULE APPROVED No.
 SIGNED Alan CASA
4
 AUTHORITY A/826/71 DATE 16-7-74

Replacements

- 1. OFF. AIR FILTER P/N 6430682 PART No. 117/74.
- 1. OFF. TAIL SWITCH " " 587-865 " " 149/74.
- 1. OFF. Radio Link " " 722-335 " " 52/74.

I hereby certify that the Inspection/Overhaul/Repair/
 Replacement/Modification specified above has been
 carried out in accordance with the requirements of
 Civil Aviation Regulations or Requirements.
 Signed L. Fleet CASA
2
 C.B.E. A. 117/74
 A.R.S. 117/74 Licence A/826/71
 or Licence No. _____
 Date 16-7-74

done on the aircraft.
 replacements, modifications and mandatory inspections to the aircraft or its equipment,
 on the aircraft or its equipment and of the rectification of such defects including a
 the Technical Log.
 overhaul repairs etc., all mandatory requirements applicable thereto have been complied with.

(5)

Radio

CHECK 1 CARRIED OUT IN ACCORDANCE
 WITH APPROVED MAINTENANCE SCHEDULE
 REF (ARR/CPRM/FW/1971)
 ISSUE 3
 MAINTENANCE SCHEDULE APPROVED No.
 SIGNED L. L. Loo (2)
 AUTHORITY PA/926/71 DATE 22-8-74

CHECK 3 CARRIED OUT IN ACCORDANCE
 WITH APPROVED MAINTENANCE SCHEDULE
 REF (ARR/CPRM/FW/1971)
 ISSUE 3
 MAINTENANCE SCHEDULE APPROVED No.
 SIGNED [Signature] (A)
 AUTHORITY PA/926/70 DATE 23-8-74

No. 1 AS system installation system labelled - [unclear] [unclear] [unclear]

Replacements

Brake lining 752-536 batch ^{20/74} QTY 4
 " - 752-355 batch ^{19/74} QTY 2

I hereby certify that the work
 reported herein has been
 carried out in accordance with
 Chapter 7 of the Maintenance
 Manual.
 Signed: [Signature]
 CSE, [unclear]
 ART Approved
 or License No. 10821
 Date 22-8-74

done on the aircraft,
 replacements, modifications and mandatory inspections to the aircraft or its equipment,
 on the aircraft or its equipment and of the rectification of such defects including a
 the Technical Log.
 overhaul repair etc., all mandatory requirements applicable thereto have been complied with.

(1)

CHECK 2 CARRIED OUT IN ACCORDANCE
 WITH APPROVED MAINTENANCE SCHEDULE
 REF. (CARR/CARR/PW/1971)
 ISSUE 3
 MAINTENANCE SCHEDULE APPROVED No.
 SIGNED L. J. Loo (CARR) 2
 AUTHORITY P/26471 DATE 30.9.74

Radio
 CHECK 3 CARRIED OUT IN ACCORDANCE
 WITH APPROVED MAINTENANCE SCHEDULE
 REF. (CARR/CARR/PW/1971)
 ISSUE 3
 MAINTENANCE SCHEDULE APPROVED No.
 SIGNED Blair (CARR) A
 AUTHORITY P/26472 DATE 30.9.74

630 Stalwart beams &
 ingotins. Labelled ingotins.
 Blair 14302 30.9.74

Replacements

- | | | | |
|--------|-------------|-------------|-----------------|
| 1 off. | Switch | Mk. 384-865 | Ant. Feb. 16/74 |
| 1 off. | Fuse | 086-0005-00 | 219/71 |
| 1 off. | Relay | 655-151 | 82/70 |
| 1 off. | Static wire | 494-667 | 222/74 |
| 1 off. | Bush | C11 930 | 260/74 |

I hereby certify that the Inspection/Overhaul/Repair/
 Replacement work described above has been
 carried out in accordance with the requirements of
 Chapter A1-1 of the Airworthiness Requirements.

Signed L. J. Loo (CARR) 2
 C.S.E. Airman
 A.P.B. Approval Reference A2/2661/74
 or Licence No. _____
 Date 30-9-74

C.S.E. Aviation (Carlisle) Ltd.

Carlisle Airport, CARLISLE, CA6 4NW.

LOG BOOK CERTIFICATE

Tel. No. Crosby-on-Eden 541

Aircraft Type: PA 39 Ser No. Registration: G-AYZY
 Engine Type: Ser No.
 Propeller Type: Ser No.

The following work has been carried out on the above: AIRCRAFT RADIO STATION

LAMAR LVMI Low volt indicating system Sr. No. 1664 fitted IAW Minor Mod
 No. CSE/CAR/RAD/10. Functioned satisfactory.
 Parts used LVMI Sr. No. 1664 Batch No. 264/74
 2 Amp CCT Breaker Pt. No. 7274-2-2 Batch No. 269/74

The following equipment removed, repaired and refitted.

KR 85 Sr. No. 1533 Test report W385 refers
 KI 211B Sr.No. 3297 Test report W386 refers
 DME 70 Sr.No. 11849 refitted. Batch No. 298/74 refers.

I hereby certify that the inspection/overhaul/repair
 /replacement/modification specified above has
 been carried out in accordance with the require-
 ments of Chapter AA-3 of British Civil Airworthiness
 Requirements.

Signed



C.S.E. Aviation (Carlisle) Ltd

C.A.A. Approval Ref. 42825/171

or Licence No.

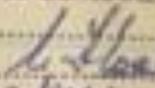
Date

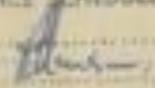
8-1-75

... on the rectification of such defects including a
 overhaul, repair etc, all mandatory requirements applicable thereto have been complied with.

(7)

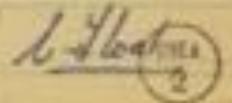
Radio

CHECK 1 CARRIED OUT IN ACCORDANCE
 WITH APPROVED MAINTENANCE SCHEDULE
 REF. (ARB) GPM5 (FW) (1971)
 ISSUE 3
 MAINTENANCE SCHEDULE APPROVED No.
 SIGNED L. Hooper  
 AUTHORITY PA/826/77 DATE 8-1-75

CHECK 3 CARRIED OUT IN ACCORDANCE
 WITH APPROVED MAINTENANCE SCHEDULE
 REF. (ARB) GPM5 (FW) (1971)
 ISSUE 3
 MAINTENANCE SCHEDULE APPROVED No.
 SIGNED Am  
 AUTHORITY PA/826/77 DATE 8-1-75

- ^{uku}
 CAA Approval No 82 Complied with. MUG KIT No. LVT-1. Patch No. 330/74 -
- | | | |
|--------------------|------------------|-----------------|
| 1. Circuit Breaker | PI No. 7374-2-2. | Part No. 209/74 |
| 8. Coaxials | " " 32447 | " " 270/74 |
| 6 " " | " " 31889 | " " 56/73 |
| 4 " " | " " 320339 | " " 56/73 |
| 1. Switch | " " 587-863 | " " 269/74 |
| 1. Air filter | " " 460-630 | " " 256/74 |
| 2 Brake Levers | " " 752-335 | " " 196/74 |
| 4 " " | " " 752-336 | " " 207/74 |

I hereby certify that the inspection/repair/overhaul/Replacement/Modification entailed above has been carried out in accordance with the requirements of Chapter 1.1.1.1 of the Rules.

SIGNED L. Hooper  

DATE 8-1-75

done on the aircraft,
 replacement, modification and mandatory inspections to the aircraft or its equipment,
 on the aircraft or its equipment and of the rectification of such defects including a
 the Technical Log.
 overhaul, etc., all mandatory requirements applicable thereto have been complied with.

(1)

New brake linings P/N 752 336 (4/b) fitted

" " P/N 752 335 (2/b) " "

New brake shoes P/N 756 147 (6/b) " "

New brake discs P/N 754 554 (2/b) " "

All A3 checked and found satisfactory

Repeat inspection carried out on 74-12-01 and 74-16-08

Check...*in*... COMPLETED TO APPROVED

MAINTENANCE SCHEDULE REF. No. *ACB/CPM/FW/71* *found reasonable*
 ISSUE 4 AD 76-26-12 N/A

I hereby certify that the inspection/overhaul/
 replacement/modification specified above
 has been carried out in accordance with the
 requirements of chap. A43 of British Civil
 Airworthiness requirements.

Signed

Authority

[Signature]
 5127 Date 27/2/75

I hereby certify that a radio an
 test has been carried out and that
 the radio equipment functioned
 satisfactorily.

7.3.75.
 M. B. GREEN
 CO/10 9742
[Signature]

done on the aircraft,
 maintenance, modifications and mandatory inspections in the aircraft or its equipment,
 in the aircraft or its equipment and of the rectification of such defects including a
 the Technical Log.
 overhaul repair etc., all mandatory requirements applicable thereto have been complied with.

(7)

Check THREE (RADIO) COMPLETED TO APPROVED

MAINTENANCE SCHEDULE REF. No. 13495 / CPM 6 / FU / 71
(155 4)

I hereby certify that the inspection/overhaul/
 repair/replacement/modification specified above
 has been carried out in accordance with the
 requirements of chap. A4-3 of British Civil
 Airworthiness requirements.

Signed [Signature]

Authority 13495 Date 13-3-1972

NB. Radio Test in flight

Required to be Carried out
[Signature]

AIRCRAFT

PA-39 - C-A4ZY.

Date (1)	Number of Flights (2)	DURATION OF FLIGHTS (3)		TIME SINCE REMOVAL OF CERTIFICATE OF AIRWORTHINESS OR TIME SINCE MANUFACTURE (4)			Particulars of all maintenance work done or repairs in the Log Book (5)
		Hours	Min.	Hours	Min.		
Total Brought Forward		1192	50	11	4		
16.4.75		2	15	2	15		
21.4.75		1	10	3	25		
23.4.75	1	1	35	5	00		
24.4.75	A	2	10	7	10		
25.4.75	4	2	55	10	05		
28.4.75	2	2	40	12	45		
1.5.75	1	-	25	13	10		
2.5.75	2	3	00	16	10		
5.5.75	1	-	55	17	05		
6.5.75	1	1	30	18	35		
7.5.75	3	2	05	20	40		
8.5.75	4	2	25	23	05		
13.5.75	2	2	15	25	20		
15.5.75	1		45	26	05		
16.5.75	3	2	15	28	20		
Total Carried Forward				28	20		

Radio Installation Surveyed
~~ASST Hawke~~ 10-4-75
 for CAA (A3).

CERTIFIED THAT THIS AIRCRAFT
 IS ALLOWED FOR RENEWAL OF ITS
 CERTIFICATE OF AIRWORTHINESS.

[Signature]
 CAA (A3) 10.4.75.

Particulars

1192-50

1195-5

1196-5

1197-5

1200-5

1202-5

1205-5

1206-5

1209-5

1209-5

1211-5

1213-5

1215-5

1218-5

1218-5

1218-5

1221-5

The following complied with:-

- Piper S.L's. 575 - Nose Landing Gear System Insp.
595 - Wing Flap System Maintenance.
609 - Control Surface Insp. and Maintenance.
627 - Propeller Installation Instructions.
679 - Fuselage Aft Bulkhead Inspection Only.
Piper S.B. 411A - Stabilator Torque Tube Bearing Inspection (Kit 760-835 fitted).

AIM400 slave gyro system removed - Gyro Indicator, Serial No. 212E, Flux Valve, Serial No. 2985.

KCS55 Slave Gyro System installed. Part Major Mod. A.A.N.14067 covers.

<u>Part No.</u>	<u>Description</u>	<u>Serial No.</u>
KI 525-10	Indicator	2226.
KC 102	Gyro Unit	2223.
KMT 112	Flux Valve	1148.
KA 51	Slaving Accessory	1134.
KA 57	Auto-pilot Accessory	1402.

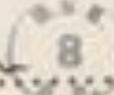
NOTE:- Auto-pilot rendered inoperative pending confirmation of compatibility with the KCS 55 installation.

Right wing flap outer track assy. renewed, Batch No. GR1555A.

Rudder hinge bearings renewed, Batch No. GR1067A.

CONTINUED

Stabilator removed to facilitate Kit 760-835 installation and refitted.
Control cable tension adjusted as necessary.

Initial Inspection of disturbed flying controls..... *l. Gamm*  10-4-75...

Duplicate Inspection of disturbed flying controls... *J. Post*  10-4-75...

Weight Schedule amended due radio alteration.

Compass swung, deviation card fitted.
Deviations recorded in compass log.

Details of work held in File Ref. GSE/A/D677.

I hereby certify that the inspection / overhaul / repair
replacement / modification specified above has been carried out
in accordance with the requirements of Chapter A43 of British
Civil Airworthiness requirements.

(Signed)

[Signature]
C. S. E. AIRCRAFT SERVICES LTD

Chief Inspector

A.R.B. Approval Reference A1.2250/46

or License No.

Date

17-4-75

assessment of such defects including a
repair etc., all mandatory requirements applicable thereto have been accepted with

Progressive (5)

- ~~1192-50~~
- ~~1195-05~~
- ~~1198-30~~
- ~~1203-30~~
- ~~1210-40~~
- ~~1220-65~~
- ~~1238-30~~
- ~~1246-40~~
- ~~1262-50~~
- ~~1279-55~~
- ~~1298-30~~
- ~~1319-10~~
- ~~1342-15~~

C. S. E. (AIRCRAFT SERVICES) LTD.
Oxford Airport, Kidlington, Oxford

Reference CSE A/D 677

LOG BOOK CERTIFICATE

AIRCRAFT TYPE Piper PA 39

REGISTRATION G-AYZY

ENGINE TYPE

PROPELLER TYPE

B.P. (24)

The following work has been carried out on the above Radio Station

Inspection carried out for renewal of British Certificate of
Airworthiness in the General Purpose category.

Check 4 carried out to approved maintenance schedule ARB/GPMS/FW/1971
issue 2.

The following equipment removed, overhauled, re-fitted and functioned.

	<u>Serial No.</u>	<u>Test Report</u>
King KR 21 Marker beacon receiver	1179	RO 914-75
King KT 75R RTC Transponder	1832	RO 912-75
King KFS 575 Transponder controller	1791	RO 913-75
Bendix 102A Audio Amplifier	9973	RO 916-75
S.G. Brown A 692/1 Audio Amplifier	076	RO 915-75
Zero Life Items		

Embodiment of Major Modification CSE PA 39-982, design reference
MC 260, AAN 14067.

Serial No.

King KX 170 VHF Comm/Nav R/T unit	2223
King KI 211B VOR/ILS Converter/Indicator	1533
King KX 170 VHF Comm/Nav R/T unit	2071
King KI 201B VOR/ILS LOC Converter/Indicator	2319
King KR 15 ADF Receiver	3470
King KI 225 ADF Indicator	3297
Narco DWE 70 DWE	11HQ9

The following equipment installed:-

Serial No.

Batch No.

King KX 175B VHF Comm/Nav R/T unit	10188	GR 10467-7
King KN 74 Area Navigation Computer	2067	GR 5353
King KN 73 Glidepath Receiver/Converter	3537	GR 6591
No 1 VOR/ILS/RNAV deviations and flags via King KI 52501 PNI		
King KX 175D VHF Comm/Nav R/T unit	9298	GR 8905-1
King KI 214 VOR/ILS Converter/Indicator	3820	GR 6519
King KI 226 RMI Converter/Indicator	1952	GR 15569
King KR 85 ADF Receiver	20414	GR 15564
King KI 225-01 ADF Indicator	20210	GR 15564
King KN 65 DWE Interrogator	10670	GR 15569
King KI 265 DWE Indicator	10341	GR 15569
King KI 525-01 Pictorial Navigation Indicator	2226	GR 14721
King KG 102 Directional Gyro	2223	GR 14721

CONTINUED

		Serial No.	Batch No.
King M112	Magnetic Azimuth Transmitter	1148	GR 10975
King KA 51	Slaving Accessory	1134	GR 10975
King KA 57	Autopilot Adaptor	1402	GR 15619
AIA P11	Static Inverter	262	GR 8895

Due Overhaul 21/4/79

Aerial removed:-

Existing DME aerial permanently removed.

Aerial fitted:-

No 2 G/P Piper 551-229	Nose, internal
DME King KA 32	190" aft of datum, 6" stbd. CL belly

The DME aerial position has been investigated in accordance with Airworthiness Information Leaflet dated 20/6/73, author's initials K.W.B.F. and the results submitted to the CAA (AD).

The major modification CSE PA 39-982 does not authorise the connection of the autopilot to the Pictorial Navigation System and the autopilot has been disabled and placarded as inoperative.

Loop swing and flight test carried out.

CONTINUED

Mandatory Modifications checked to issue 30 supplement 1

The following mandatory modifications embodied:-

King Service Bulletin KI 214-2 not applicable to serial no. 3820

King Service Bulletin KX 1758-4

King KR 85 Export Modification 1 Issue 2

FAA AD 75-05-07 has been complied with (serial nos. not applicable)

Details of work on file under reference CSE A/D 677

I hereby certify that the inspection / overhaul / repair / replacement / modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements.

EB 377

Signed  Chief Inspector

Firm CSE AIRCRAFT SERVICES LTD.

C.A.A. Approval Reference A1.2250/46

or Licence No.

Date 22-4-75



C. S. E. AIRCRAFT SERVICES LTD.
Oxford Airport, Kidlington, Oxford

Reference CSE A/D 677

LOG BOOK CERTIFICATE

AIRCRAFT TYPE Piper PA-39

ENGINE TYPE

PROPELLER TYPE

REGISTRATION G-AYZY

SP10x11

The following work has been carried out on the above *Radio Station*

Embodiment of Major Modification CSE PA39-982, Issue 2, design reference ML 260, AAN 14067, which authorises the connection of the autopilot to the pictorial navigation system.

Flight test carried out.

I hereby certify that the inspection / overhaul / repair / replacement / modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements.

Signed [Signature] for Chief Inspector

From C.S.E. AIRCRAFT SERVICES LTD.

C.A.A. Approval Reference A1.2250/46

Date 2-5-75



513-75

512-75

Subscribed
2.07.75
with the
Civil

C. S. E. AIRCRAFT SERVICES LTD.
Oxford Airport, Kidlington, Oxford

Reference CSE A/D 1540
LOG BOOK CERTIFICATE
AIRCRAFT TYPE Piper PA39
ENGINE TYPE
PROPELLER TYPE

REGISTRATION G-AZY

SP10*1)

The following work has been carried out on the above Radio Station

Check three carried out to Approved Maintenance Schedule ARB/GPMS/FW/1971, Issue 2. The Following equipment removed, repaired, refitted and functioned.

		S/no.	Test Report
King	KN65 DME	10670	RO-1768-75
King	KI 265 DME Indicator	10341	RO-1769-75
King	KT75R Transponder	1832	RO-1770-75
King	KFS575 Transponder Controller	1791	RO-1771-75
King	KR21 Marker	1179	RO-1772-75
King	KX175B VHF NAV/COMM R/T unit	10188	RO-1773-75
King	KX175B VHF NAV/COMM R/T unit	9298	RO-1774-75

PART LIFE ITEMS

5.
201573-75
201512-75

I hereby certify that the inspection / overhaul / repair / replacement / modification specified above has been carried out in accordance with the requirements of Chapter A43 of British Civil Airworthiness requirements.

Signed [Signature] For Chief Inspector

Firm C.S.E. (AIRCRAFT SERVICES) LTD.

C.A.A. Approval Reference A1.2250/86

~~XXXXXXXXXX~~

Date 6.6.75



[Signature]
I hereby certify that the above work was carried out in accordance with the requirements of Chapter A43 of British Civil Airworthiness requirements.

201573-75

C. S. E. AIRCRAFT SERVICES LTD.
Oxford Airport, Kidlington, Oxford

Reference CSE/A/D1540.
LOG BOOK CERTIFICATE

AIRCRAFT TYPE	PA 39	Serial No. 39-89	REGISTRATION	G-AYZY
ENGINE TYPE	Lycoming: IO-320-B1A (Lt.); LIO-320-B1A (Rt.).		S.Nos. L-4643-55A (Lt.);	
PROPELLER TYPE	Hartzell; HC-E2YL-2BS (Lt.); HC-E2YL-2BLS (Rt.).		L-200-66A (Rt.).	
	S.Nos. BG-4298 (Lt.); DP103 (Rt.).			

SP10x1

The following work has been carried out on the above Airframe,
Check 1 to ARB/GPMS/PW/1971 Approved Maintenance Schedule.

A.D. 75-5-4 - Whelen strobe light flash tubes - complied with.

Worn cabin combustion heater motor brushes replaced, Batch No. GR15935.

Four out-of-date life-jackets, Serial Nos. 1542, 1551, 426398 and 1550, inspected in accordance with Manufacturer's Instructions.

25

201573-75
201512-7

I hereby certify that the inspection / overhaul / repair / replacement / modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements.

Signed [Signature] Chief Inspector
 Firm C.S.E. AIRCRAFT SERVICES LTD.
 C.A.A. Approval Reference A1.2250/46
 Licence No. _____
 Date 6-6-75.

overhaul
fixed above
with the
British Civil

201573-75

on the aircraft.
 repairs, modifications and mandatory inspections to the aircraft or its equipment.
 of aircraft or its equipment and of the rectification of such defects including a
 technical Log.
 and repair etc., all mandatory requirements applicable thereto have been complied with.

(5)

Emergency down safety lock unserviceable
 New item P/N 26542-00 fitted and adjusted
 Satisfactory U/C Retraction carried out.
 C.S.F. Cert of Origin S. 99539

I hereby certify that the inspection/overhaul/
 repair/replacement/modification specified above
 has been carried out in accordance with the
 requirements of chap. A43 of British Civil
 Airworthiness requirements.

Signed

Authority

LAE

Date

5827

9-5-75

Transponder Units removed for repair of CSE and rejected No Fault found.
 after Rectification Controller PN: KF 575 SN: 1791 CSE Imp Rep. Ro 1573-75
 Tx/Rx PN: KT 75 RB SN: 1832 CSE Imp Rep. Ro 1512-75

I hereby certify that the inspection/overhaul/
 repair/replacement/modification specified above
 has been carried out in accordance with the
 requirements of chap. A43 of British Civil
 Airworthiness requirements.

Signed

Authority

LAE 13445

Date 23-5-75

C. S. E. AIRCRAFT SERVICES LTD.
Oxford Airport, Kidlington, Oxford

Reference CSE/A/D2255
LOG BOOK CERTIFICATE
AIRCRAFT TYPE Piper PA-30
ENGINE TYPE
PROPELLER TYPE

REGISTRATION
G-AYEY

The following work has been carried out on the above Radio Station

SP(045)

King KH-74. Area Navigation Computer - Serial No. 2067 - removed, repaired,
refitted, and functioned. Test Report BG-2449-75 refers.
Part Life Item.

I hereby certify that the inspection / overhaul / repair /
replacement / modification specified above has been carried out
in accordance with the requirements of Chapter A4.3 of British
Civil Airworthiness requirements.

Signed [Signature] IOT Chief Inspector
Firm C.S.E. (AIRCRAFT SERVICES) LTD.

C.A.A. Approval Reference A1.2250/46

SPICER/STG

Date 12. 8. 75



AIRCRAFT

PA-39

GAYZ7

DATE	NUMBER OF FLIGHTS	DURATION OF FLIGHTS		TIME SINCE ISSUANCE OF CERTIFICATE OF AIRWORTHINESS OR TIME SINCE MANUFACTURE		Progressive Total	
		(3) Hours	(4) Mins.	Hours	Mins.	HRS	MINS
Total Brought Forward				85	25	1278	15
31-8-75	3	2	35	88	00	1280	50
1-9-75	4	2	05	90	05	1282	55
8-9-75	2	1	35	91	40	1284	30
11-9-75	2	4	45	96	25	1289	15
13-9-75	2	-	55	97	20	1290	10
14-9-75	1	-	35	97	55	1290	45
15-9-75	1	-	15	98	10	1291	00
23-9-75	3	3	05	101	15	1294	05
24-9-75	2	3	10	104	25	1297	15
25-9-75	2	1	55	106	20	1299	10
26-9-75	2	1	40	108	00	1300	50
29-9-75	2	4	05	112	05	1304	55
30-9-75	2	3	00	115	05	1307	55
2-10-75	2	2	50	117	55	1310	45
2-10-75	2	2	30	120	25	1313	15
Total Carried Forward				120	25	1313	15

- (1) Particulars of all maintenance work
- (2) Particulars of all overhauls, etc.
- (3) Particulars of any defects requiring reference to the relevant section
- (4) Certificate that in carrying out

Radio

GILL AVIATION (ENGINEERING) LTD.
CHECK 3 - CARRIED OUT IN ACCORDANCE
WITH THE APPROVED MAINTENANCE
SCHEDULE REF: AIR OPS/MS/FW/1971

Signed *[Signature]* Licence No. 13445
Job Ref. 08 Date 8.9.75

Radio - to Step with Engine

GILL AVIATION (ENGINEERING) LTD.
CHECK 3 - CARRIED OUT IN ACCORDANCE
WITH THE APPROVED MAINTENANCE
SCHEDULE REF: AIR OPS/MS/FW/1971

Signed *[Signature]* Licence No. 13445
Job Ref. NAL-11 Date 15.9.75

GILL AVIATION (ENGINEERING) LTD.

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PIPER PA-39

ENGINE TYPE

NEWCASTLE AIRPORT

NEWCASTLE UPON TYNE

Tel: Newcastle 869665

REGISTRATION G-AYZY

PROPELLER TYPE

REF. NO. 1008

The following work has been carried out on the above AIRCRAFT

Check II inspection to the approved maintenance schedule, ref: ARE/GPMS/PW/1971

PIPER Service Letter 595 satisfied on flap system maintenance.

PIPER Service Letter 575 satisfied on nose gear inspection.

PIPER Service Letter 609 satisfied on control surfaces inspection.

PIPER Service Letter 679 satisfied on aft bulkhead inspection.

Worn stbd brake linings renewed

Unserviceable propeller de-icing system rectified, feed pipes to slinger rings cleaned up.

Port engine fuel pump cooling duct replaced.

PARTS FITTED.

1 off	66-15	Brake Lining
2 off	66-19	Brake Lining
1 FT	Spent 1	Flexible Hose

G.R.No. 351.

G.R.No. 239.

G.R.No. 323.

(Signed)

Licence No.

Date

12616

18th September 1975.

I hereby certify that the inspection/maintenance work specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements.

GEL/AV

date of
replacem
in the
the Tec
overhaul

LOG BOOK CERTIFICATE

LOG BOOK CERTIFICATE

AIRCRAFT TYPE Piper PA-39

ENGINE TYPE

NEWCASTLE AIRPORT

NEWCASTLE UPON TYNE

Tel: Newcastle 869665

REGISTRATION G-AYST

PROPELLER TYPE

REF. NO. 1001

The following work has been carried out on the above

To rectify a weak port brake, the inner and outer linings were renewed.

Brake system prised and bled.

PARTS FITTED.

2 off 66-19 lining G.R. No. 239.

1 off 66-15 lining G.R. No. 351.

I hereby certify that the inspection/~~overhaul~~/~~repair~~
replacement/~~maintenance~~ specified above has been carried out
in accordance with the requirements of Chapter A4.3 of British
Civil Airworthiness Requirements.

GEL/AV

(Signed)

[Signature]

License No.

12616

Date

8th September 1975

AIRCRAFT

PA-39

Date (1)	NUMBER OF FLIGHTS (2)	DURATION OF FLIGHTS (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS OR TIME SINCE MANUFACTURE (4)		PROGRESSIVE TOTAL	
		Hours	Mins.	Hours	Mins.	Hours	Mins.
Total Brought Forward				120	25	1313	15
3-10-75	3	3	15	123	40	1316	30
6-10-75	2	4	10	127	50	1320	40
11-10-75	2	1	35	129	25	1322	15
25-10-75	3	2	20	131	45	1324	35
27-10-75	2	1	35	133	20	1326	10
28-10-75	3	7	20	140	40	1333	30
29-10-75	1		20	141	00	1333	50
30-10-75	1	2	10	143	10	1336	00
5-11-75	4	3	40	146	50	1339	40
6-11-75	1		50	147	40	1340	30
10-11-75	3	5	10	152	50	1345	40
11-11-75	1		10	153	00	1345	50
12-11-75	1	1	40	154	40	1346	30
14-11-75	2	1	40	156	20	1348	00
19-11-75	3	2	10	158	30	1350	10
Total Carried Forward						1350	20

- (1) Particulars of all maintenance work
- (2) Particulars of all overhauls, etc.
- (3) Particulars of any defects requiring reference to the relevant engine log
- (4) Certificate that is carrying out the

GILL AVIATION (ENGINEERING) LTD.
 CHECK 3... CARRIED OUT IN ACCORDANCE
 WITH THE APPROVED MAINTENANCE
 SCHEDULE REF: AD/CPMS/PW/1971
 Signed *[Signature]* Licence No. 1345
 Job Ref 026 Date 7.11.75

Emot 15r

1351-20

done on the
replacement
in the event
the Technician
overhaul my

GILL AVIATION (ENGINEERING) LTD.

LOG BOOK CERTIFICATE
AIRCRAFT TYPE PIPER PA-30
ENGINE TYPE

NEWCASTLE AIRPORT
NEWCASTLE UPON TYNE
Tel Newcastle 869665

REGISTRATION G-AYZY
PROPELLER TYPE
REF. NO. 1022

The following work has been carried out on the above AIRCRAFT.

Check I inspection in accordance with the approved maintenance schedule
ref: ARB/GPMS/YM/1971.

Piper service bulletin 464 satisfied, all four fittings found to have
bolts fitted.

Cabin heater combustion air blower motor brushes renewed.

Weak port brake rectified, system primed and bled.

PARTS FITTED

2 off 751-391 Brush G.R.No. 22/2/75

I hereby certify that the inspection/~~work~~/~~work~~
replacement/~~work~~ specified above has been carried out
in accordance with the requirements of Chapter A4.3 of British
Civil Airworthiness requirements.

GILL/AV

(Signed)

A. J. Gallant

License No.

1206

Date

7th November 1975

GILL AVIATION (ENGINEERING) LTD.

BOOK CERTIFICATE

NEWCASTLE AIRPORT

REGISTRATION G-AYZY

AIRCRAFT TYPE PIPER PA-39
IO-520B1A

NEWCASTLE UPON TYNE

PROPELLER TYPE

ENGINE TYPE Lycoming LIO-320-B1A

Tel: Newcastle 869665

REF. NO. 1018

Following work has been carried out on the above AIRCRAFT

Unserviceable pitot tube removed, new pitot tube refitted.
Leak check carried out on pitot system.

PARTS FITTED

1 off	21301-00	Pitot Tube	G .R. No. 19/7/75
1 off	21299-00	Mast	G .R. No. 18/7/75

I hereby certify that the inspection/overhaul/repair
and modification specified above has been carried out
in accordance with the requirements of Chapter A4.3 of British
airworthiness requirements.

(Signed)

o B Gallant

Licence No.

1266

Date

16th October 1975

AIRCRAFT

GAMZY

Date (1)	Number of Flights (2)	Duration of Flights (3)		Time since renewal of Certificate of Airworthiness or Time since Manufacture (4)		Progressive Total		
		Hours	Mins.	Hours	Mins.	Hours	Mins.	
Total Brought Forward				158	30	1351	-20	
26-11-75	3	5	05	163	35	1356	-25	King Pictorial NAV Indicator, GS part
27-11-75	2	2	45	166	20	1359	-10	Servo Drive V/S Unit - Removed
28-11-75	3	1	55	168	15	1361	-05	to CSC after Radio check: Refitted
29-11-75	2	1	35 ⁵	169	50	1362	-40	Type KI525 SN: 2226 & Release Radio on 5 functions Sat.
1-12-75	2	3	15	173	05	1365	-55	
3-12-75	4	7	00	180	05	1372	-55	
6-12-75	1	1	55	182	00	1374	-50	Sullyville (From Newcastle Airport)
5-12-75	2	2	55	184	55	1377	-45	Radio Licence No. 13445 Date 15.11.75
9-12-75	4	4	35	189	30	1382	-20	
11-12-75	2	4	35	194	05	1386	-55	
15-12-75	2	4	55	199	00	1391	-50	Sullyville
17-12-75	2	2	05	201	05	1393	-55	Radio Licence No. 13445
23-12-75	2	3	00	204	05	1396	-55	Job Ref. 051 Date 16.12.75
24-12-75	2		25	204	30	1397	-20	
27-12-75	1		30	205	00	1397	-50	
Total Carried Forward				205	00	1397	-50	

- (1) Particulars of all maintenance work
- (2) Particulars of all overhauls, repairs
- (3) Particulars of any defects requiring reference to the relevant stores
- (4) Certificate that in carrying out the

GILL AVIATION (ENGINEERING) LTD.
CHECK 3 CARRIED OUT IN ACCORDANCE
WITH THE APPROVED MAINTENANCE
SCHEDULE REF: AIRSCHEDULE/FW/1971

Signed: Sullyville
Licence No. 13445
Job Ref. 051 Date 16.12.75

GILL AVIATION (ENGINEERING) LTD.

LOG BOOK CERTIFICATE

AIRCRAFT TYPE Piper PA39

ENGINE TYPE

NEWCASTLE AIRPORT

NEWCASTLE UPON TYNE

Tel. Newcastle 869665

REGISTRATION G-AYZY

PROPELLER TYPE

REF. NO. 1030

The following work has been carried out on the above AIRCRAFT

Port brake master cylinder removed, new master cylinder refitted.
Port brake linings renewed.
Brake system primed and bled.

PARTS FITTED

1 off	455-929	Cylinder	G.R.No. 020
4 off	66-19	Lining	G.R.No. 21/6/75
2 off	66-15	Lining	G.R.No. 21/2/75

I hereby certify that the inspection/~~overhaul~~/~~repair~~
replacement/~~maintenance~~ specified above has been carried out
in accordance with the requirements of Chapter A4.3 of British
Civil A worthiness requirements.

GILLAV

(Signed)

Agallant

Licence No.

12616

Date

28th Nov 1975

AIRCRAFT

GA124

Date (1)	NUMBER OF FLIGHTS (2)	DURATION OF FLIGHTS (3)		TIME SINCE REISSUE OF CERTIFICATE OF AIRWORTHINESS OR TIME SINCE MANUFACTURE (4)		Progressive Total	
		Hours	Mins.	Hours	Mins.	HOURS	MINS
Total Brought Forward				205	00	1397	50
31-12-75	1	-	30	205	30	1398	20
7-1-76	2	3	00	208	30	1401	20
6-1-76	2	-	20	208	50	1401	40
9-1-76	2	1	35	210	25	1403	15
16-1-76	2	2	20	212	45	1405	35
23-1-76	1	-	15	213	00	1405	50
5-2-76	2	2	55	215	55	1408	45
6-2-76	2	2	40	218	45	1411	25
13-2-76	1	1	15	220	00	1412	40
16-2-76	2	1	20	221	20	1414	00
19-2-76	2	3	05	224	25	1417	05
26-2-76	2	1	20	225	45	1418	25
25-2-76	2	2	00	227	45	1420	25
6-3-76	2	4	50	232	35	1425	15
10-3-76	2	2	40	235	15	1427	55
Total Carried Forward				235	15	1427	55

- (1) Particulars of all maintenance work.
 (2) Particulars of all overhauls, repairs.
 (3) Particulars of any defects occurring
 reference to the relevant entries in
 (4) Certificate that in carrying out the

Radio

GILL AVIATION (ENGINEERING) LTD.
 CHECK (3) CARRIED OUT IN ACCORDANCE
 WITH THE APPROVED MAINTENANCE
 SCHEDULE REF: ADP/MS/PW/1971

Signature: *[Signature]* Licence No. 13265

Job Ref: 039 Date: 23.12.75

GILL AVIATION (ENGINEERING) LTD.

LOG BOOK CERTIFICATE
 AIRCRAFT TYPE PIPER PA-39
 ENGINE TYPE

NEWCASTLE AIRPORT
 NEWCASTLE UPON TYNE
 Tel. Newcastle 869665

REGISTRATION G-AYZY
 PROPELLER TYPE
 REF. NO. 1034

GILL AVIATION (ENGINEERING) LTD.

LOG BOOK CERTIFICATE
 AIRCRAFT TYPE PIPER PA-39
 ENGINE TYPE

NEWCASTLE AIRPORT
 NEWCASTLE UPON TYNE
 Tel. Newcastle 869665

REGISTRATION G-AYZY
 PROPELLER TYPE
 REF. NO. 1056

The following work has been carried out on the above AIRCRAFT

Worn port tyre removed, new tyre fitted.
 Weak port brakes rectified, worn brake cylinder removed, new brake
 cylinder assy refitted. Brake system primed and bled, found
 satisfactory.

PARTS FITTED

1 off	2A363	Tyre 600+6 (6ply)	GR.NO. 27/16/75.
1 off	30-23	Brake unit (port)	GR.NO. 363.
1 off	66-19	Brake lining	GR.NO. 22/6/75.

I hereby certify that the inspection/~~work~~
 replacement/~~inspection~~ specified above has been carried out
 in accordance with the requirements of Chapter A4.3 of British
 Civil Airworthiness requirements.

GILLAV

GILLAV

(Signed)

Licence No.

Date

Date

W. J. Ballant

12616

20th Feb 1976

GILL AVIATION (ENGINEERING) LTD.

BOOK CERTIFICATE

AIRCRAFT TYPE PIPER PA-39

ENGINE TYPE

NEWCASTLE AIRPORT

NEWCASTLE UPON TYNE

Tel Newcastle 869665

G

REGISTRATION

G-AYZY

AYZY

PROPELLER TYPE

REF. NO. 1034

The following work has been carried out on the above AIRCRAFT

Check II inspection in accordance with the approved maintenance schedule ref. AEB/GPMS/PWS/1971.

AD74-16-08 satisfied on aft bulkhead inspection

AD-74-10-3 satisfied on aileron nose rib inspection

Inspection of fuel selector levers satisfied I.A.W. C.A.A. letter DEP/027/26

Piper SB320A satisfied on autopilot servo bridle cable inspection

Piper SL575 satisfied on nose gear inspection

Heater combustion air blower motor brushes removed.

Std. brake cylinder stripped, cleaned and inspected, new piston seals fitted,

brake system primed and bled.

PARTS FITTED

Zoff 753-391 Brush heater motor G.R.NO.22-2-75

Zoff 751-871 Gasket fuel filter G .R.NO. 24/2/75

ZoffAN6227-27 O Ring STD Brakes G.R.NO.242

I hereby certify that the inspection/maintenance specified above has been carried out in accordance with the requirements of Chapter 443 of British Airworthiness requirements.

(Signed)

Signature

Licence No.

12616

Date

16th December 1975

GILL AVIATION (ENGINEERING) LTD.

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PIPER PA-39

ENGINE TYPE

NEWCASTLE AIRPORT

NEWCASTLE UPON TYNE

Tel: Newcastle 869665

REGISTRATION G-AYZY

PROPELLER TYPE

REF. NO. 1039

The following work has been carried out on the above AIRCRAFT

Damaged stbd aileron removed.

Serviceable aileron, serial no. 24-6919 refitted

Aileron control system rigged, range of movement checked.

Duplicate inspection of disturbed aileron controls carried out.

1st inspection *obgallant* *6/1/76* *12616*

2nd inspection *obgallant* *L187644* *6.1.76*

PARTS FITTED

1 off

20234-29

Aileron Serial No. 24-6919

G.S.No. 17/18/75

I hereby certify that the inspection/overhaul/repair replacement/modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements.

GILL/AV

(Signed)

obgallant

License No.

12616

Date

6th Jan 1976

AIRCRAFT

GAYZ

Date (1)	NUMBER OF FLIGHTS (2)	DURATION OF FLIGHTS (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS OR TIME SINCE MANUFACTURE (4)		Progressive Total	
		HOURS	MINS.	HOURS	MINS.	HOURS	MINS.
Total Brought Forward				235	15	1427	-55
11-3-76	2	1	30	236	45	1429	-25
16-3-76	2	2	15	239	00	1431	-40
17-3-76	2	1	35	240	35	1433	-15
18-3-76	2	4	40	245	15	1437	-55
25-3-76	4	3	40	248	55	1441	-35
31-3-76	1	-	15	249	10	1441	-50
1-4-76	2	4	35	253	45	1446	-25
2-4-76	3	4	25	258	10	1450	-50
8-4-76	4	2	30	260	40	1453	-20
12-4-76	4	2	10	262	50	1455	-30
13-4-76	4	8	10	271	00	1463	-40
14-4-76	4	4	30	275	30	1468	-10
15-4-76	2	5	00	280	30	1473	-10
21-5-76	1	-	10	280	40	1473	-20
25-5-76	2	1	55	282	35	1475	-15
Total Carried Forward						1475	-15

- (1) Particulars of all maintenance work
- (2) Particulars of all overhauls, repairs
- (3) Particulars of any defects occurring reference to the relevant clause in
- (4) Certificate that in carrying out the

Radio

GILL AVIATION (ENGINEERING) LTD
CHECK 3 CARRIED OUT IN ACCORDANCE
WITH THE APPROVED MAINTENANCE
SCHEDULE REF: ABB/CPMS/PW/1571
Signed *[Signature]* Licence No. 1244
Job Ref. 566 Date 29.3.76

Radio

GILL AVIATION (ENGINEERING) LTD
CHECK (5) CARRIED OUT IN ACCORDANCE
WITH THE APPROVED MAINTENANCE
SCHEDULE REF: ABB/CPMS/PW/1571
Signed *[Signature]* Licence No. 1244
Job Ref. Date 21.5.76

LOG BOOK CERTIFICATE
 AIRCRAFT TYPE PIPER PA-39
 ENGINE TYPE

NEWCASTLE AIRPORT
 NEWCASTLE UPON TYNE
 Tel Newcastle 869665

REGISTRATION G-ATZY
 PROPELLER TYPE
 REF. NO. 1082

LOG BOOK
 AIRCRAFT
 ENGINE

The following work has been carried out on the above AIRCRAFT

The follo

Check III inspection carried out I.A.W. the approved maintenance schedule ref: ARN/GPER/PW/1971.

A.D. 74-10-3 satisfied on aileron nose bulkhead inspection.

A.D. 74-16-08 satisfied on aft bulkhead inspection.

A.D. 74-13-3 satisfied on stabilator belts.

C.A.A. letter DEP/027/26 satisfied on fuel valve selector inspection.

Piper S.B. 320A satisfied on autopilot servo cable inspection.

Piper S.L. 575 satisfied on nose gear inspection.

Piper S.S. 464A satisfied on stabilator torque tube bearing blocks.

Piper S.L. 595 satisfied on flap system maintenance.

C.A.A. Notice 41 satisfied on cabin heater, heater Assy overhauled.

C.A.A. Notice 75 satisfied, both propellers removed, service exchange overhauled nil hour propellers fitted.

Port landing lamp Assy renewed.

Gyro air filter and vacuum regulator filters renewed.

Torque link Assys on all three gears rebushed as necessary.

Open circuit rectified on abtd. fuel contents indication system.

E.G. T. probes renewed.

New battery fitted

PARTS FITTED

2 off	751-815	Vac. Reg. Filter	GR.NO. 26/2/75.
1 off	460-880	Central Filter	GR.NO. 52.
3 off	AN74-13	Bolt	GR.NO. 17/13/75.
3 off	AN75-32	Bolt	GR.NO. 16/13/75.

I hereby certify that the inspection/overhaul/repair replacement/modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements

(Signed) GONT.

Licence No.

Date

LOG BOOK CERTIFICATE
AIRCRAFT TYPE *PIPER PA39*
ENGINE TYPE

NEWCASTLE AIRPORT
NEWCASTLE UPON TYNE
Tel Newcastle 869665

REGISTRATION *G-ATSE*
PROPELLER TYPE
REF. NO. 1062

LOG BOOK
AIRCRAFT
ENGINE

The following work has been carried out on the above AIRCRAFT

PARTS FITTED

2 off	14843-30	Bushing	GR.NO. 004.
2 off	20737-02	Bushing	GR.NO. 13/18/75.
1 off	984-509	Lamp Landing	GR.NO. 9/13/76.
4 off	20737-02	Bush	GR.NO. 16/16/76.
1 off	487-660	Cewling Stud	GR.NO. 350.
1 off	HC-W2TL-28LS (J7663)4	Prep. S/NO. DF31	GR.NO. 3/17/76.
1 off	HC-W2TL288 7663-4	Prep. S/NO. DG3141	GR.NO. 3/17/76.
1 off	20D35	Heater Assy	GR.NO. 6/17/76.
1 off	487-660	Stud	GR.NO. 350.
1 off	30670-3	Tube Heater Exhaust	GR.NO. 24/17/76.
2 off	756-307	E. G. T. Probe	GR.NO. 28/2/75.
2 galle	D6A	De-Ice Fluid	GR.NO. 16/16/76.
1 off	R35	Battery	GR.NO. 12/6/76.

Replacement
in accordance
with A report

LL/AV

I hereby certify that the inspection/~~replacement~~
replacement/~~re-inspection~~ specified above has been carried out
in accordance with the requirements of Chapter A4.3 of British
Civil Airworthiness requirements.

GILL/AV

Signed

Chapallant

License No.

1266

Date

21/3/76

LOG BOOK CERTIFICATE
AIRCRAFT TYPE PIPER PA-39
ENGINE TYPE

NEWCASTLE AIRPORT
NEWCASTLE UPON TYNE
Tel. Newcastle 869665

REGISTRATION G-AYGT
PROPELLER TYPE
REF. NO. 1066

The following work has been carried out on the above AIRCRAFT

Check 1 inspection I.A.W. the approved maintenance schedule ref:
AKB/GPMS/PW/1971.

AD 75-27-08 satisfied on stabilator torque tube bearing fittings.
Port and STBD brake linings renewed.
Heater combustion air blower motor brushes renewed.

PARTS FITTED

2 off	66-15	linings	GR.NO. 20/2/75.
4 off	60-19	linings	GR.NO. 20/3/76.
2 off	755-391	heater brush	GR.NO. 12/1/76.
1 off	487-660	stud	GR.NO. 350

I hereby certify that the inspection/overhaul/repair
replacement/modification specified above has been carried out
in accordance with the requirements of Chapter A4.3 of British
Civil Aviation requirements.

(Signed)

License No.

Date

Ch. Gallant

1266

29th March 1976

C. S. E. AIRCRAFT SERVICES LTD.
Oxford Airport, Kidlington, Oxford

Reference CSE A/E 1742

LOG BOOK CERTIFICATE

AIRCRAFT TYPE Piper PA 39

ENGINE TYPE

PROPELLER TYPE

REGISTRATION G-AYZY

The following work has been carried out on the above Radio Station

The following equipment removed, repaired, refitted and functioned:-

	<u>Serial No.</u>	<u>Test Report No.</u>
King KI 214	VOR/ILS Converter/Indicator 3820	RO 1771-76
King KI 75R	ATC Transponder 1832	RO 1805-76
King KFS 575	Transponder Controller 1791	RO 1806-76
King KI 525	HSD 2226	RO 1770-76

Part Life Items

I hereby certify that the inspection / overhaul / repair / replacement / modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements.

EB/375

Signed

For Chief Inspector

Firm

C.S.E. (AIRCRAFT SERVICES) LTD.

C.A.A. Approval Reference A1.2250/48

~~XXXXXXXXXX~~

Date

8th July, 1976

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PA 39
ENGINE TYPE Lycoming
PROPELLER TYPE Hartzell

REGISTRATION G-AYZY

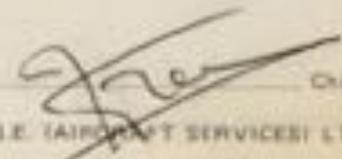
The following work has been carried out on the above Airframe,

Airpath Compass, Serial No. 7378, removed.
Fluid replenished and compass refitted.
Inspection Report I/7378 refers.

Compass swung and deviation card fitted.
Deviations recorded in compass log.

Aircraft test flown and auto-pilot set up in flight.

I hereby certify that the inspection / overhaul / repair / replacement / modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements.

Signed  Chief Inspector
Firm C.S.E. AIRCRAFT SERVICES LTD
C.A.A. Approval Reference A1 2250/48
or License No.
Date 8-7-76.

Reference G-AYZY

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PA 39
ENGINE TYPE Lycoming
PROPELLER TYPE Hartzell

REGISTRATION G-AYZY

The following work has been carried out on the above Airframe,
E.G.T. gauge set up on engine ground run.

Gyro Horizon, Serial No. 1085-E, removed, (bar drifting).
Replacement Horizon, Serial No. 13106E, Batch No. GR22693E, fitted. 1/12 140/75

KA57 adapter set up on ground.

Auto-pilot set up in flight.

I hereby certify that the inspection / overhaul / repair /
replacement / modification specified above has been carried out
in accordance with the requirements of Chapter A43 of British
Civil Airworthiness requirements.

Signed

Chief Inspector

Firm

C.S.E. AIRCRAFT SERVICES LTD

C.A.A. Approval Reference A12250/45

License No.

Date

15-6-76

REGISTRATION G-AYZY

LOG BOOK CERTIFICATE

AIRCRAFT TYPE Piper PA 39

ENGINE TYPE

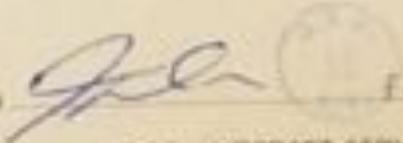
PROPELLER TYPE

REGISTRATION G-AYZY

The following work has been carried out on the above Radio Station

King KI 525 Pictorial Navigation Indicator, serial no. 2226
removed, repaired, refitted and functioned. Test Report
RO 1597-76. Part Life Item.

I hereby certify that the inspection / overhaul / repair /
replacement / modification specified above has been carried out
in accordance with the requirements of Chapter A4.2 of British
Civil Airworthiness requirements.

Signed  For Chief Inspector

Firm C.S.E. (AIRCRAFT SERVICES) LTD

C.A.A. Approval Reference A1 225046

~~XXXXXXXXXX~~

Date 15th June, 1976

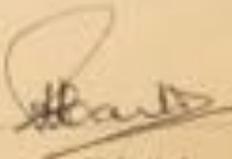
The following work has been carried out on the above AIRCRAFT.

AIRPATH compass swung at Newcastle Airport, at check III,
residual deviations placarded as follows.

FOR	E	30	60	90	120	150	180	210	240	270	300	330	
STEER		359	29	60	89	119	148	179	209	239	269	299	328

I hereby certify that the inspection/overhaul/repair
replacement/modification specified above has been carried out
in accordance with the requirements of Chapter A43 of British
Civil Airworthiness requirements.

GLL/WV

(Signed) 

License No.

7644

Date

26. May 76

AIRCRAFT

GAM24

Date (1)	Number of Flights (2)	Duration of Flights (3)		Time since renewal of Certificate of Aeroworthiness or Time Since Manufacture (4)		
		Hours	Min.	Hours	Min.	
Total Brought Forward				306	00	1498 - 40
21-7-76	2	4	55	310	55	1503 - 35
27-7-76	2	1	05	312	00	1504 - 40
30-7-76	1	2	25	314	25	1507 - 05
2-8-76	1	2	45	317	10	1509 - 50
9-8-76	1	-	10	317	20	1510 - 00
10-8-76	1	3	00	320	20	1513 - 00
11-8-76	1	1	00	321	20	1514 - 00
18-8-76	1	-	10	321	30	1514 - 10
20-8-76	2	4	55	326	25	1519 - 05
26-8-76	1	.	10	326	35	1519 - 15
13-9-76	1	1	30	328	05	1520 - 45
21-9-76	2	3	20	331	25	1524 - 05
22-9-76	1	1	20	332	45	1525 - 25
5-10-76	1	3	20	336	05	1528 - 45
8-10-76	1	3	05	339	10	1531 - 50
Total Carried Forward				339	10	

- (1) Particulars of all maintenance work
 (2) Particulars of all overhauls, repairs,
 (3) Particulars of any defects requiring
 reference to the relevant entries in
 (4) Certificate that is carrying out the

Radio

GILL AVIATION (ENGINEERING) LTD.
 CHECK (3) CARRIED OUT IN ACCORDANCE
 WITH THE APPROVED MAINTENANCE
 SCHEDULE REF: ABB/GPMS/FW/1971
 Signed *[Signature]* Licence No. 13445 K
 Job Ref *9* Date 25.8.76

GILL AVIATION (ENGINEERING) LTD.

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PIPER PA-39

ENGINE TYPE

NEWCASTLE AIRPORT

NEWCASTLE UPON TYNE

Tel Newcastle 869665

REGISTRATION G-AYZY

PROPELLER TYPE

REF. NO. 1143

The following work has been carried out on the above AIRCRAFT

Check I inspection carried out I.A.W. the approved maintenance schedule ref: ARB/GPKS/PW/1971.

Piper S.L. 777 satisfied. Fin removed, spar modified, fin refitted. Rudder controls rigging checked. Duplicate inspection of disturbed rudder controls carried out.

1st. Insp..... *[Signature]* *L.A.T. 1246* 21st Aug 1976

2nd. Insp..... *[Signature]* *LETTER OF AUTH. 11132* 26 Aug 76

Piper Service letter 595 satisfied on flap system maintenance. Unserviceable horizon gyre S/NO. 585 removed, serviceable turn and slip indicator S/NO. 13106E removed, serviceable turn and slip indicator S/NO. 2044B refitted. All worn port and stbd. brake linings renewed.

PARTS FITTED

4 off	66-19	BRAKE LININGS	GR. NO. 4/20/76.
2 off	66-15	" "	GR. NO. 11/12/76.

I hereby certify that the inspection/overhaul/repair replacement/modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements

Signed _____
 Licence No. CONF.
 Date _____

AIRCRAFT TYPE PIPER PA-33
ENGINE TYPE

NEWCASTLE UPON TYNE
Tel. Newcastle 869665

REGISTRATION ~~PH-ADG~~
PROPELLER TYPE
REF. NO. 1143

The following work has been carried out on the above AIRCRAFT

PARTS FITTED

2 off

AG944-632-493

INST. NUT

GR.NO. 26/9/76.

I hereby certify that the inspection/~~overhaul~~ repair
replacement/~~overhaul~~ specified above has been carried out
in accordance with the requirements of Chapter A4.3 of British
Civil Airworthiness requirements.

GEL/AV

Signed

A. Gallant

License No.

1266

Date

24th Aug 1976

GILL AVIATION (ENGINEERING) LTD.

LOG BOOK CERTIFICATE
 AIRCRAFT TYPE PIPER PA-39
 ENGINE TYPE

NEWCASTLE AIRPORT
 NEWCASTLE UPON TYNE
 Tel: Newcastle 869865

REGISTRATION G-AYZY
 PROPELLER TYPE
 REF. NO. 1210

The following work has been carried out on the above AIRCRAFT

Check II inspection carried out in accordance with the approved maintenance schedule ref: AEB/OPMS/PK/1971.

- A.D. 74-10-3 satisfied on airframe inspection.
- A.D. 74-16-3 satisfied on aft bulkhead inspection.
- Piper SB 320A satisfied on servo bridle cable.
- Piper SL 595 satisfied on flap system maintenance.
- Piper SL 575 satisfied on nose gear inspection.
- New starter motor fitted to stbd. engine.
- Worn stbd. mainwheel tyre renewed.

1 off	HE216R	STARTER MOTOR	S/N/O. 11D00026	GR.NO. 14/2/76.
1 off	EA353	TYRE	6.00X6 6Ply S/N/O. 4084110130.	GR.NO. 23/16/76.
2 off	751-R71	GASKET		GR.NO. 295.
1 off	AS4-14A	BOLT		GR.NO. 317.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chapter A43 of British Civil Airworthiness requirements.

GILLAV

in accordance with the requirements of Chapter A43 of British Civil Airworthiness requirements.

EB/375

(Signed) *abjfullant*
 Licence No. 1216
 Date 27/1/76
 Firm CSE (AIRCRAFT SERVICES) LTD.
 C.A.A. Approval Reference A1 225048
 Licence No. _____
 Date 16-9-76.

C. S. E. AIRCRAFT SERVICES LTD.

Oxford Airport, Kidlington, Oxford

Reference CSE/A/E2464

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PA 39

REGISTRATION G-AYZY

ENGINE TYPE Lycoming

PROPELLER TYPE Hartzell

The following work has been carried out on the above Airframe,

Artificial Horizon, Serial No. 10404, (temporarily installed), removed.
Replacement Artificial Horizon fitted, Serial No. 13106E, duly repaired.
Inspection Report I/7796 refers. Auto-pilot checked and trimmed in flight.

Main and aux. voltage regulator checked out on the ground and on air test and found to operate satisfactorily.

I hereby certify that the inspection / overhaul / repair / replacement / modification specified above has been carried out in accordance with the requirements of Chapter A43 of British Civil Airworthiness requirements.

Signed  Chief Inspector

Firm C.S.E. (AIRCRAFT SERVICES) LTD.

C.A.A. Approval Reference A1.2250/46

Signature

Date 16-9-76.



Civil Aviation Authority

G-AYZY

Book #2

BOOK 2:



2/2/77 - 2/13/79

Aircraft Log Book

CA27

Civil Aviation Authority London Price £1.25 + VAT

AIRCRAFT LOG BOOK

INSTRUCTIONS FOR USE

- (1) The entries in this log book shall be made and signed in accordance with the provisions of the Orders in Council and Regulations for the time being in force under the Civil Aviation Act, 1949, or any Act amending or replacing the same.
- (2) Each entry in the log book shall be made as soon as is practicable after the occurrence to which it relates, but in no event more than seven days after the expiration of the certificate of maintenance (if any) in force in respect of the aircraft at the time of the occurrence. All entries shall be made in ink, no entry shall be erased and no page shall be removed.
- (3) Entries shall be made in respect of the date and duration of each flight (on a chock-to-chock basis), or, if more than one flight was made on one day, the number of flights and total duration of flights on that day.
- (4) Entries shall be made in column 5 in respect of maintenance, overhauls, repairs, replacements, modifications and mandatory inspections, and of defects and their rectification and the place at which such work was carried out.
- (5) Such information as constructor's notes, aircraft inspection record, rigging and installation diagrams, shall be affixed to the binding slips provided for the purpose.
- (6) This log book shall be produced, on demand, for the inspection of any authorised person.
- (7) This log book shall be preserved until a date two years after the aircraft to which it relates has been destroyed or permanently withdrawn from use.

Printed in England by Lonsdale Universal Printing Ltd., and distributed by Civil Aviation Authority,
Greville House, 37 Grafton Road, Cheltenham.

Form CA 27
010374

© Civil Aviation Authority 1974
ISBN 0 903083 30 2
(Previously published by HMSO under
SBN 11 510276 0)

AIRCRAFT (HEAVIER-THAN-AIR)

AIRCRAFT

Nationality and Registration Marks G-AYZY
 Type of Aircraft PA 39
 Constructor PIPER AIRCRAFT CO
 Constructor's No. 39-89 Date of Construction 21-4-71

OPERATOR

Name VAUX AVIATION
 Address _____
 Name ASTRAD CONSUMER ELECTRONICS
 Address 17 SARMER RD. TOTTENHAM LEAMING N.17 DUF
 Name _____
 Address _____
 Name _____
 Address _____
 Name _____
 Address _____
 Name _____
 Address _____

AIRCRAFT

G-A121

Date (1)	Number of Flights (2)	Duration of Flights (3)		Time since renewal of Certificate of Airworthiness or since Since Manufacture (4)		
		Hours	Mins.	Hours	Mins.	
Total Brought Forward				376	40	1569-20
8-12-76	1	3	25	380	05	
7-1-77	1	0	30	380	35	
12-1-77	2	2	50	383	25	
13-1-77	1	2	30	385	55	
14-1-77	2	3	00	388	55	
19-1-77	2	1	50	390	45	
25-1-77	1	4	00	394	45	
27-1-77	1	3	15	398	00	1500-20
8-2-77	1	3	00	401	00	
10-2-77	1	3	20	404	20	
23-2-77	2	2	40	407	00	
24-2-77	2	2	25	409	25	
2-3-77	1	3	40	413	05	
15-3-77	2	4	10	417	15	
22-3-77	1	3	05	420	20	
Total Carried Forward				420	20	

- (1) Particulars of all maintenance work
- (2) Particulars of all overhauls, repairs
- (3) Particulars of any defects occurring to the relevant entries in the
- (4) Certificate that is carrying out the

done or
replace
in the a
Technic
overha

GILL AVIATION (ENGINEERING) LTD.

LOG BOOK CERTIFICATE

NEWCASTLE AIRPORT

REGISTRATION G-ATZY

AIRCRAFT TYPE PIPER PA-39

NEWCASTLE UPON TYNE

PROPELLER TYPE

ENGINE TYPE

Tel: Newcastle 869665

REF. NO. 1246

The following work has been carried out on the above AIRCRAFT

Unserviceable horizon gyro removed, overhauled gyro B/NO. 25203H,
G2.NO. 23/6/77, refitted, checked on engine ground run and found
satisfactory.

I hereby certify that the inspection/overhaul/repair
replacement/modification specified above has been carried out
in accordance with the requirements of Chapter A4.3 of British
Civil Airworthiness requirements.

GILL/AV

Signed

Robert Bell

Licence No.

1266

Date

2nd Feb 77

AIRCRAFT

- (1) Particulars of all maintenance work
- (2) Particulars of all overhauls, repairs,
- (3) Particulars of any defects occurring to the relevant scales in the
- (4) Certificate that in carrying out the

Date (1)	Number of Flights (2)	Duration of Flights (3)		Time since renewal of Certificate of Airworthiness or Time Since Manufacture (4)	
		Hours	Mins.	Hours	Mins.
Total Brought Forward					
24-3-77	1	3	15	423	35
29-3-77	4	2	35	426	10
13-4-77	1	2	45	428	55
15-4-77	1	3	15	432	10
<div style="border: 1px solid black; width: 100%; height: 100%; transform: rotate(45deg); position: relative; margin: 10px auto;"> [Red diagonal line] </div>					
Total Carried Forward		16	00	432	10

Completed at CAA.

GILL AVIATION (ENGINEERING) LTD.

LOG BOOK CERTIFICATE

NEWCASTLE AIRPORT

REGISTRATION G-ATBY

AIRCRAFT TYPE PIPER PA-39

NEWCASTLE UPON TYNE

PROPELLER TYPE

ENGINE TYPE

Tel. Newcastle 869665

REF. NO. 1265

The following work has been carried out on the above AIRCRAFT

Check I inspection carried out in accordance with the approved maintenance schedule ref: 122/0723/24/1077.

Piper Service Letter 595 satisfied on flap system.

Tail nav. light bulb renewed.

Port and STBD. brake linings renewed.

PARTS FITTED

1 off	1073	BULB	GR.NO. 23/2/76.
2 off	66-15	BRAKE LININGS	GR.NO. 9/8/77.
4 off	66-19	" "	GR.NO. 8/8/77.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chapter 44.3 of British Civil Airworthiness requirements.

GILL/AV

Signed: *Jeff Allant*

License No. 1265

Date 14/3/77

AIRCRAFT

G. AYZY

Date (1)	Number of Flights (2)	Duration of Flights (3)		Time since renewal of Certificate of Airworthiness or Since Manufacture (4)	
		Hours	Min.	Hours	Min.
18-4-77 Total Brought Forward		16	25 00	NIL	-
19-5-77	1	1	20		
18-6-77	1		50		50
21-6-77	1	3	05	3	55
23-6-77	1	3	05	7	00
27-6-77	1	2	15	9	15
28-6-77	1		15	9	30
29-6-77	1	4	20	13	50
5-7-77	1	2	05	15	55
7-7-77	1	1	40	17	35
14-7-77	2	4	25	22	00
26-7-77	1	3	10	25	10
28-7-77	1	3	10	28	20
30-7-77	3	1	55	30	15
2-8-77	1	2	10	32	25
3-8-77	1	2	05	34	30
Total Carried Forward				34	30

- (1) Particulars of all maintenance work
 (2) Particulars of all overhaul, repairs
 (3) Particulars of any defects occurring to the relevant entries in the
 (4) Certificate that is carrying out the

Radar installation approved
 20-5-77
 for Civil Aviation Authority

Certified that this aircraft is approved for the
 purpose of its Certificate of Airworthiness in the
General Purpose Category, valid for a
 period of 24 months.

19/05/77 Surveyor
 Civil Aviation Authority

Date: 20th May 1977.



1660-50

GILL AVIATION (ENGINEERING) LTD.

PAGE 1

LOG BOOK CERTIFICATE

NEWCASTLE AIRPORT

REGISTRATION G-AYCY

AIRCRAFT TYPE PIPER PA 39

NEWCASTLE UPON TYNE

PROPELLER TYPE

ENGINE TYPE LYCOMING IO-320-B1A

Tel Newcastle 869665

REF. NO. 1278

The following work has been carried out on the above AIRCRAFT, for the renewal of the CofA

Check VI Inspection carried out in accordance with the approved maintenance schedule ref: ARB/GPMS/PW/1971

Aircraft checked against F.A.A. Airworthiness directives.

Aircraft checked against C.A.A. Additional directives.

Aircraft checked against type certificate data sheet.

Aircraft checked against C.A.A. Notices.

Aircraft checked against manufacturers service letters and bulletins.

INSPECTIONS, MODIFICATIONS ETC

A.D. 74-12-03 satisfied on stabilator bolts inspection.

A.D. 74-16-08 satisfied on aft bulkhead inspection.

A.D. 76-18-05 satisfied on fin attachment inspection.

A.D. 77-06-01 satisfied on aileron spar inspection.

C.A.A. letter 587/021/26 satisfied on fuel selector levers.

A.D. 77-09-10 satisfied on trim switch modification.

C.A.A. Notice 40 resatisfied on carbon monoxide contamination.

C.A.A. Notice 55 resatisfied on propeller blade maintenance.

A.D. 55-03-02 resatisfied on propeller blade maintenance.

Piper service bulletin 3701 resatisfied on autopilot servo cable inspection

Piper service bulletin 464 satisfied on wing bolts inspection.

Piper service bulletin 515 satisfied on engine controls modification.

Piper service bulletin 527 satisfied on trim system

Piper service letter 505 resatisfied on flap system maintenance

Piper service letter 575 satisfied on nose gear inspection

Piper service letter 777 resatisfied on fin spar inspection.

I hereby certify that the inspection/overhaul/repair replacement/modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements.

(Signed)

CONTINUED

Licence No.

Date

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PIPER PA39

NEWCASTLE AIRPORT

REGISTRATION G-ATTY

ENGINE TYPE LYCOMING IO-330-B1A

NEWCASTLE UPON TYNE

PROPELLER TYPE

Tel Newcastle 869665

REF. NO. 1278

The following work has been carried out on the above AIRCRAFT.

Piper service letter 787 satisfied on aileron spar inspection.
Piper service letter 787A satisfied on landing gear inspection.

ADDITIONAL WORK

Port and stbd brake discs renewed.
Port and stbd brake linings renewed.
Port and stbd gear retraction system dismantled, bolts and bushes renewed as required, nose retraction system dismantled, bolts and bushes etc renewed as required, retraction checks carried out.
Nose oleo sliding tube renewed, new seals fitted, strut recharged and refitted.
All gear torque links rebushed.
Airframe de-icing system inspected and tested, de-ice control valves found unserviceable, new valves fitted.
Altimeters removed, check calibrated and refitted.
Airspeed indicator check calibrated.
Pitot and static leak check carried out.
All flying control systems detail inspected, all control cable tensions checked, control surface movements checked.
Main gear door hinges renewed.

Duplicate inspection of disturbed flying controls carried out.

1st Inspection..... *[Signature]* AUTH. *[Signature]* DATE 20/9/77

2nd Inspection, *[Signature]* AUTH. *[Signature]* DATE 29.3.77

I hereby certify that the inspection/overhaul/repair replacement/modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements.

(Signed) _____

License No. _____

Date _____

done to
replace
in the
Techni-
overha

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PIPER PA39

ENGINE TYPE LYCOMING IO320-B1A

NEWCASTLE AIRPORT

NEWCASTLE UPON TYNE

Tel Newcastle 869685

REGISTRATION

G-AYTY

PROPELLER TYPE

REF. NO. 1278

The following work has been carried out on the above AIRCRAFT

Full details of all work carried out, and of all parts fitted are held by the above company under file ref: GAS/TXT/1278.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements.

GILL/AV

Signed

W. Gallant

License No.

1206

Date

20th May 1977.

AIRCRAFT REG. G-AYBY

DATE 19th. May. 1977

INSP. REF. No. _____

LOG BOOK ENTRY

AIRFRAME HRS _____

Work carried out on the above Radio Station.

Inspection carried out for renewal of British Certificate of Airworthiness in the General Purpose Category.

Check A carried out to approved maintenance schedule AHS/CFR/PW/1971 issue 2. All work recorded under file ref: MAL/IR-110

King I 1525 Pictorial Navigation Indicator SN:2226 received from CSE-Oxford serviceable, fitted to Aircraft and functional check
CSE Inspection report I/8066.
Gill Aviation GR 18/16/7 Part Life.

Marker receiver removed, repaired and refitted.
Type KR 21 SN:1179 Test Report MAL/IR-108 Part Life.

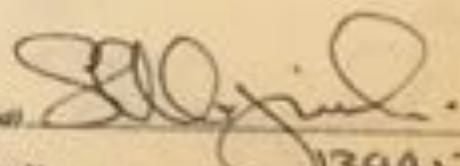
NAV/CIRM No. 2. Removed, repaired and refitted.
Type KX175 B SN:9296
KI214 SN:3820
Test Report MAL/IR-109 Part Life.

I hereby certify that the inspection/overhaul/repair/ replacement/modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements.

(Signed)

Licence No.

Date


13945
16.5.1977

Newcastle Avionics Ltd.

Newcastle Airport, Newcastle upon Tyne, NE13 8BZ

Telephone (0632) 860966 Ext. 378

AIRCRAFT REG. AYZY

DATE 19th May 1977

INSP. REP. No. _____

LOG BOOK ENTRY

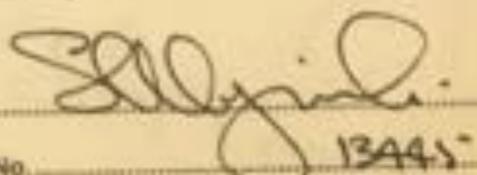
AIRFRAME HRS _____

cont..

The following equipment Part Life found fitted.

	Serial No.	Last O/E
King KH21 Marker Receiver	1179	22.4.75
King KP75R ATC Transponder	1832	22.4.75
King KPB757 ATC Controller	1791	22.4.75
Bendix 102A Audio Amplifier	9973	22.4.75
S.G. Brown A692/1 Audio Amplifier	076	22.4.75
King KX175B VHF Comms/Nav R/T Unit	10188	21.4.75
King KN74 Area Navigation Computer	2067	21.4.75
King KN73 Glidepath Receiver/Converter	3537	21.4.75
King KI 214 VOR/ILS/DEAT Deviations and flags via	50501	21.4.75
King KI 226 RMI Converter/Indicator	1952	21.4.75
King KX 175D VHF Comms/Nav R/T unit	9298	21.4.75
King KI 214 VOR/ILS Converter/Indicator	3820	21.4.75
King KI 226 RMI Converter/Indicator	1952	21.4.75
King KR 85 ADF Receiver	20414	21.4.75
King KI 225-01 ADF Indicator	20210	21.4.75
King KN 65 DME Interrogator	10670	21.4.75

I hereby certify that the inspection/overhaul/repair/ replacement/modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements.

(Signed) 

Licence No. 13445

Date 16.5.1977

AIRCRAFT REG. G-AYDY

DATE 19th. May. 1977

INSP. REP. No. _____

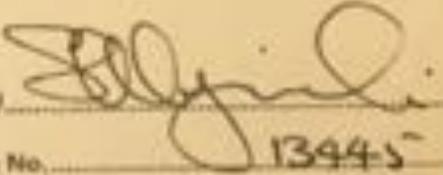
LOG BOOK ENTRY

AIRFRAME HRS _____

cont..	Serial No.	Last O/H
King KI 265 DME Indicator	10341	21.4.75
King KI 525-01 Pictorial Navigation Indicator	2226	21.4.75
King KI 102 Directional Gyro	2223	21.4.75
King KM 112 Magnetic Azimuth Transmitter	1148	21.4.75
King KA 51 Slaving Accessory	1134	21.4.75
King KA 57 Autopilot Adaptor	1402	21.4.75
AH P11 Static Inverter	262	21.4.75

Mandatory Modification and Inspection checked to CAA
Mandatory Modification and Inspection Survey dated
January 1977 Issue No. 33 including Supplement No. 1

I hereby certify that the inspection/overhaul/repair/
replacement/modification specified above has been
carried out in accordance with the requirements of
Chapter A4.3 of British Civil Airworthiness require-
ments.

(Signed) 

Licence No. 13945

Date 16.5.1977

GILL AVIATION (ENGINEERING) LTD.

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PIPER PA39

ENGINE TYPE

NEWCASTLE AIRPORT
NEWCASTLE UPON TYNE

Tel: Newcastle 889665

REGISTRATION G-AYZY

PROPELLER TYPE

REF. NO. 1262

The following work has been carried out on the above AIRCRAFT

Unserviceable STBD. vacuum pump removed, new pump
part no. 442CW/10 3/80. 583 GR. NO. 27/12/77.
refitted.
Vacuum checked and adjusted on engine ground run.

I hereby certify that the inspection/overhaul/repair
replacement/modification specified above has been carried out
in accordance with the requirements of Chapter A4.3 of British
Civil Airworthiness requirements.

GILL/AV

(Signed) _____

Licence No. _____

Date _____

Regallant

1266

28/1/77

AIRCRAFT

G-AYZL

Date (1)	Number of Flights (2)	Duration of Flights (3)		Time since renewal of Certificate of Airworthiness and since Manufacture (4)		
		Hours	Mins.	Hours	Mins.	
Total Brought Forward				34	30	1660-50
18-8-77	3	5	15	39	45	
1-9-77	2	3	25	43	10	
3-9-77	2	2	20	45	30	
5-9-77	2	2	25	47	55	1674-15
17-9-77	1	1	00	48	55	
18-9-77	2	2	35	51	30	
19-9-77	2	2	35	54	05	
20-9-77	1	1	30	56	35	
22-9-77	2	3	50	59	25	
1-10-77	1	1	45	61	10	
23-10-77	1		45	61	55	
24-10-77	1		45	62	40	
29-10-77	4	1	30	64	10	
6-11-77	1		30	64	40	
13-11-77	1		30	65	10	
Total Carried Forward		46	30	65	10	

- (1) Particulars of all maintenance work
 (2) Particulars of all overhauls, repairs,
 (3) Particulars of any defects occurring
 to the relevant entries in the
 (4) Certificate that in carrying out the

GILL AVIATION (ENGINEERING) LTD.

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PIPER PA 39

ENGINE TYPE LYCOMING IO-320-81A

NEWCASTLE AIRPORT

NEWCASTLE UPON TYNE

Tel: Newcastle 889665

REGISTRATION G-ATZE

PROPELLER TYPE

REF. NO. 1341

The following work has been carried out on the above AIRCRAFT.

Port vacuum pump removed, new pump part no. 4410-7 fitted.

Engine ground run, vacuum adjusted.

I hereby certify that the inspection/overhaul/repair
replacement/modification specified above has been carried out
in accordance with the requirements of Chapter A4.3 of British
Civil Airworthiness requirements.

GILLAV
NEWCASTLE

(Signed)

License No.

Date

Use

A. Bellant

1265

12/4/77

1744

GILL AVIATION (ENGINEERING) LTD.

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PIPER PA39

ENGINE TYPE LYCOMING IO-330-B1A

NEWCASTLE AIRPORT

NEWCASTLE UPON TYNE

Tel: Newcastle 869665

REGISTRATION G-AYGT

PROPELLER TYPE

REF. NO: 531

The following work has been carried out on the above AIRCRAFT

Check I Inspection carried out in accordance with the approved maintenance schedule ref: AEM/OPMS/PA/1971.

A.D. 77-09-10, found to be previously satisfied by requirements of Piper service bulletin 527.

A.D. 77-13-21, found to be previously satisfied by requirements of Piper service letter 1024.

Piper service letter 55, re-satisfied on flap system maintenance.

Worn port brake linings renewed.

Ammeter selector switches renewed.

Full details of work carried out and parts fitted held in file ref: GAR/TXT/1331

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chapter 44.3 of British Civil Airworthiness requirements.

GILL/AV

(Signed)

Abfallant

License No.

1266

Date

12/11/77

AIRCRAFT

11
11

- (1) Particulars of all maintenance work
- (2) Particulars of all overhauls, repairs,
- (3) Particulars of any defects occurring to the relevant entries in the
- (4) Certificate that in carrying out the

Date (1)	Number of Flights (2)	Duration of Flights (3)		Time since renewal of Certificate of Airworthiness or Time Since Manufacture (4)	
		Hours	Mins.	Hours	Mins.
Total Brought Forward		1691	30	65	10
19-11-77	4	1	35	66	45
12-12-77	1	1	00	67	45
26-12-77	2		30	68	15
30-12-77	1		15	68	30
31-12-77	4	2	10	70	40
1-1-78	1		15	70	55
7-1-78	2		30	71	25
21-1-78	2	1	00	72	25
4-2-78	1		30	72	55
11-2-78	1	1	30	74	25
17-2-78	1	1	00	75	25
3-3-78	1	1	30	76	55
11-3-78	1		10	77	05
23-3-78	1	1	30	78	55
25-3-78	4	3	20	81	55
Total Carried Forward		1708	15		

II carried out by
 ARB/OPMS/F-1971
 10-1-78

1691 00

done on the aircraft,
replacements, modifications and mandatory inspections to the aircraft or its equipment,
in the aircraft or its equipment and of the rectification of such defects including a reference
Technical Log,
overhaul, repair etc., all mandatory requirements applicable thereto have been complied with.

(5)

4c doors checked Nose doors adjusted

Brake linings renewed B/N V 2381

Both brake discs renewed B/N V 665

1 Seat handle renewed B/N 5452

P 3 L 575 ~~and~~ Satisfied.

P 3 L 599 Found satisfied.

1 Name of operator	2 Name of inspector
3 Date	4 Time
5 Signature	6 Initials
7 Initials	8 Date
9 Ref. No.	10

[Handwritten Signature] 10.1.78

[Circular Stamp]

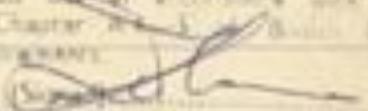
AIRCRAFT

Date (1)	Number of Flights (2)	Duration of Flights (3)		Time since renewal of Certificate of Airworthiness or Time Since Manufacture (4)	
		Hours	Mins.	Hours	Mins.
Total Brought Forward		17	08	81	55
26-3-78	1		30	82	25
29-3-78	1	1	35	84	00
2-4-78	4	2	00	86	00
5-4-78	2	1	55	87	55
8-4-78	4	1	50	89	45
16-4-78	1		30	90	15
		17	16		
			25		
16-5-78		1	55	92	10
29-5-78		2	25	94	35
10-6-78		1	50	96	25
11-6-78		1	50	98	10
29-6-78		3	00	101	15
1-7-78		2	20	103	35
14-8-78		1	00	104	35
26-9-78		1	05	105	40
Total Carried Forward		17	32	105	40

- (1) Particulars of all maintenance work
- (2) Particulars of all overhauls, repairs,
- (3) Particulars of any defects occurring to the relevant entries in the
- (4) Certificate that in carrying out the

CAA Notice N° 41 carried out on Heater S/N° 2650731 Report SRG 24. refers.

I hereby certify that the inspection/overhaul/repair/renovation/modification specified above has been carried out in accordance with the requirements of Chapter 21 of the British Civil Airworthiness Regulations.

 18.5.78
 THURSTON ENGINEERS LIMITED, A.K.S. 5001
 Ref. No. A1/4502/AS Licence for

8

Factory:

STONDON ROAD, ONGAR
ESSEX

Tel: ONGAR 2130 14 lines

THURSTON ENGINEERING LIMITED

INC: THURSTON AVIATION LTD.
& THURSTON AVIONICS LTD.

C.A.A. APPROVAL No. A1/4502/55

Hangar

STAPLEFORD AERODROME
Nr. ROMFORD, ESSEX

Tel: Stapleford 341 110 lines
or 01-699 2650
Telex: 896918

AIRCRAFT TYPE PIPER

REGISTRATION G - AYZY

JOB No. SG 160

EQUIPMENT TYPE PA39

S/No. 39-98

REPORT No.

SUMMARY OF WORK CARRIED OUT:

1. Check 3 carried out to ARB/GIMS/FW/1971 Schedule.
2. E.A.A.D 77-08-01; 77-09-10; 77-13-21 Satisfied.
3. P.S.B. 597 Not applicable valve fitted.
4. Both main tyres renewed R/No. Port V2434; Stbd V3087.
5. Brake lining plates renewed R/No. V1758 & S972.
6. Vac filters renewed R/No. V3203.
7. E.G.T. Kit installed in A/C R/No. V1931.
8. Battery renewed type Gill SP 6-11 R/No. T1734.
9. Stbd nav light bulb and glass renewed R/No. V3174 & T997.
10. Fin flasher bulb renewed R/No. V3144.
11. Nose access panel fasteners renewed, R/no. T3524; T1375; V869.
12. Stabilator trim servo capstan renewed R/No. W251.

Duplicate inspection of trim servo.

1st Inspection

2nd Inspection

A complete record of work done, spares used and Approved Certificate Numbers held by the Company.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with Chapter A4-3 of British Civil Airworthiness Requirements.

Sheet 1 of 1 Date 18.5.78.

Signature

Approval Stamp or LAE No.

THIS CERTIFICATE CONSTITUTES A LOG BOOK ENTRY AND MUST BE AFFIXED IN APPROPRIATE LOG BOOK

done
replac
in the
Tech
overh

1
2
3
4
5
6
7
8
9
10
11
12

72

8

THRUSTON AVIATION LTD. STAPLEFORD AIRPORT, ESSEX.

A/C TYPE: PA39 A/C REG: G. AYZY JOB No.: SC160 REPORT No.:

REASON FOR SWING: ANNUAL.

PLACE OF SWING: STAPLEFORD.

COMPASS TYPE: (1) AIRPATH (2) (3)

COMPASS S/No: (1) - - (2) (3)

NOMINAL HEADING	LANDING COMPASS	A/C COMPASS		DEVIATION			DEV CORR FOR "A"			FOR	STEER		
		(1)	(2)	(1)	(2)	(3)	(1)	(2)	(3)		(1)	(2)	(3)
315	321	320		+1						SW	314		
000	005	004		+1						N	359		
045	043	043		0						NE	045		
090	088	087		+1						E	089		
135	130	130		0						SE	135		
180	179	179		0						S	180		
225	231	232		-1						SW	226		
270	273	274		-1						W	271		
COEFFICIENT		TOTALS		/	/					ON: - All Radion, Pitot heate, Beacons and Strobes.			
"A"		TOTAL + B =		/	/								

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with Chapter A1-3 of British Civil Airworthiness Requirements

Signature: *[Signature]* Authority Ref A1/4502/55 or Licence No. *[Signature]* Date: 18.5.78

Approval Stamp or LAE No.

THIS CERTIFICATE CONSTITUTES A LOG BOOK ENTRY AND MUST BE AFFIXED IN APPROPRIATE LOG BOOK

STONDON ROAD, ONGAR
ESSEX

THURSTON ENGINEERING LIMITED

STAPLEFORD AERODROME
Nr. ROMFORD, ESSEX

Tel: ONGAR 2135 14 lines

INC: THURSTON AVIATION LTD.
& THURSTON AVIONICS LTD.
C.A.A. APPROVAL No. A1/4502/55

Tel: Stapleford 341 118 lines
or 01-589 2600
Telex: 890919

8

AIRCRAFT TYPE PIPER PA-32

REGISTRATION G-AYZY

JOB No. 6704

EQUIPMENT TYPE

S/No.

REPORT No.

SUMMARY OF WORK CARRIED OUT-

The following work carried out on the radio station in the above mentioned aircraft.

Check 3 carried out to approved schedule
Reference ARB/GPMS/PW/1971

The following equipment removed and repaired:-

King DME T/R	KN-65	S/No. 10670	T/Report No. 2778ABC
" DME Controller	KI-265	" 10341	" " "
" VOR/ILS Ind.	KI-214	" 3820	" " 2780AB

L72

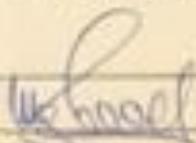
Above equipment replaced and ground checked.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chapter A4-3 of British Civil Airworthiness Requirements.

Sheet 1 of 1

Date 17.5.78.

Signature



Approval Stamp or LAE No.

THIS CERTIFICATE CONSTITUTES A LOG BOOK ENTRY AND MUST BE AFFIXED IN APPROPRIATE LOG BOOK

done on the aircraft, replacements, modifications and mandatory inspections to the aircraft or its equipment, in the aircraft or its equipment and of the rectification of such defects including a reference Technical Log. method, repair etc., all mandatory requirements applicable thereto have been complied with.

(1)

Left wing tip damaged -

Wing tip renewed B/D W970

Landing light glass renewed B/D W957

Wing tip nose rib renewed B/D W956

Nav light and strobe Assy renewed B/D W955

Wing tip upper skin over landing light

repaired IAW AC43-13-1A B/D of mod. V261 22 Swc L72

I hereby certify that the inspection/overhaul/repair/ replacement/modification specified above has been carried out in accordance with the requirements of Chapter 43-13 of the Civil Aviation Regulations.

[Signature] Date 30.5.78

THURTELL ENGINEERING LIMITED - A.P.S. Unit

Ref No. A1/4502/55 or Licence No. 

AIRCRAFT

- (1) Particulars of all maintenance work
- (2) Particulars of all overhauls, repairs
- (3) Particulars of any defects existing to the relevant entries in the
- (4) Certificate that in carrying out the

Date (1)	Number of Flights (2)	Duration of Flights (3)		Time since renewal of Certificate of Airworthiness or Time Since Manufacture (4)	
		Hours	Mins.	Hours	Mins.
Total Brought Forward		1732	05	105	40
27.8.78			30	106	10
28.8.78			35	106	45
2.9.78		3	00	109	45
9.9.78		1	00	110	45
8.9.78		1	40	112	25
11.10.78		1	40	113	05
10.9 5 Feb			57	114	02
15 Feb			54	114	56
16 Feb		1	04	116	00
19 Feb			41	116	41
1 Mar		1	37	118	18
5 Mar			52	119	10
6 Mar		1	09	120	19
7 Mar			54	121	13
8 Mar			50	122	03
Total Carried Forward		1748	23	122	03

THURSTON AVIATION LTD

Check 1 carried out to Approved

Certificate No. AP20-PM3-FW/21

[Signature]

18.9.78

CHECK I

1740 22

1741 16

1742 20

1743 01

1744 38

1745 50

1746 39

1747 33

1748 23

done on the aircraft, replacement, modifications and mandatory inspections to the aircraft or its equipment in the aircraft or its equipment and of the rectification of such defects including a reference to the Technical Log. overhaul, repair etc., all mandatory requirements applicable thereto have been complied with.

(5)

I/We hereby certify that the inspection/repair/overhaul/repairs specified below have been carried out in accordance with the requirements of Chapter A4-2 of Section 43 of the Regulations.

CHECK I CARRIED OUT TO AR26/175
MAINTENANCE SCHEDULE REF F071

SIGNED [Signature]
LICENCE No 0848A DATE 13-2-79
FIRM Booth & Co. Limited (LA)

MAINTENANCE SCHEDULE REF F071
L.A.F. No 016111 DATE 13-2-79

FILE REF: ZY/I/12279 AD 18-12-07 156501 (RENEWAL (ACTIVE) AS NATO VALUE AT TR.)

AIRCRAFT

Date	Number of Flights (2)	Duration of Flights (3)		Time since renewal of Certificate of Airworthiness or Time Since Manufacture (4)		
		Hours	Mins.	Hours	Mins.	
(1) 1979						
Total Brought Forward		17	43	122	03	
13 Mar		1	10	123	13	1749.33
16 Mar		1	15	124	28	1750.48
20 Mar		1	24	125	52	1752.10
21 Mar		2	49	128	41	1755.01
22 Mar		2	38	131	19	1757.39
23 Mar		1	39	132	58	1759.18
24 Mar		1	25	134	23	1760.43
27 Mar		1	33	135	56	1762.16
30 Mar			57	136	53	1763.13
4 Apr		1	34	138	27	1764.47
6 Apr		1	32	139	59	1766.19
9 Apr		1	39	141	38	1767.58
10 Apr		1	28	143	06	1769.26
13 Apr			34	143	40	1770.00
17 Apr		1	41	145	21	1771.41
Total Carried Forward		17	41	145	21	

- (1) Particulars of all maintenance work
- (2) Particulars of all overhauls, repairs
- (3) Particulars of any defects occurring to the relevant entries in the
- (4) Certificate that is carrying out the

AIRCRAFT

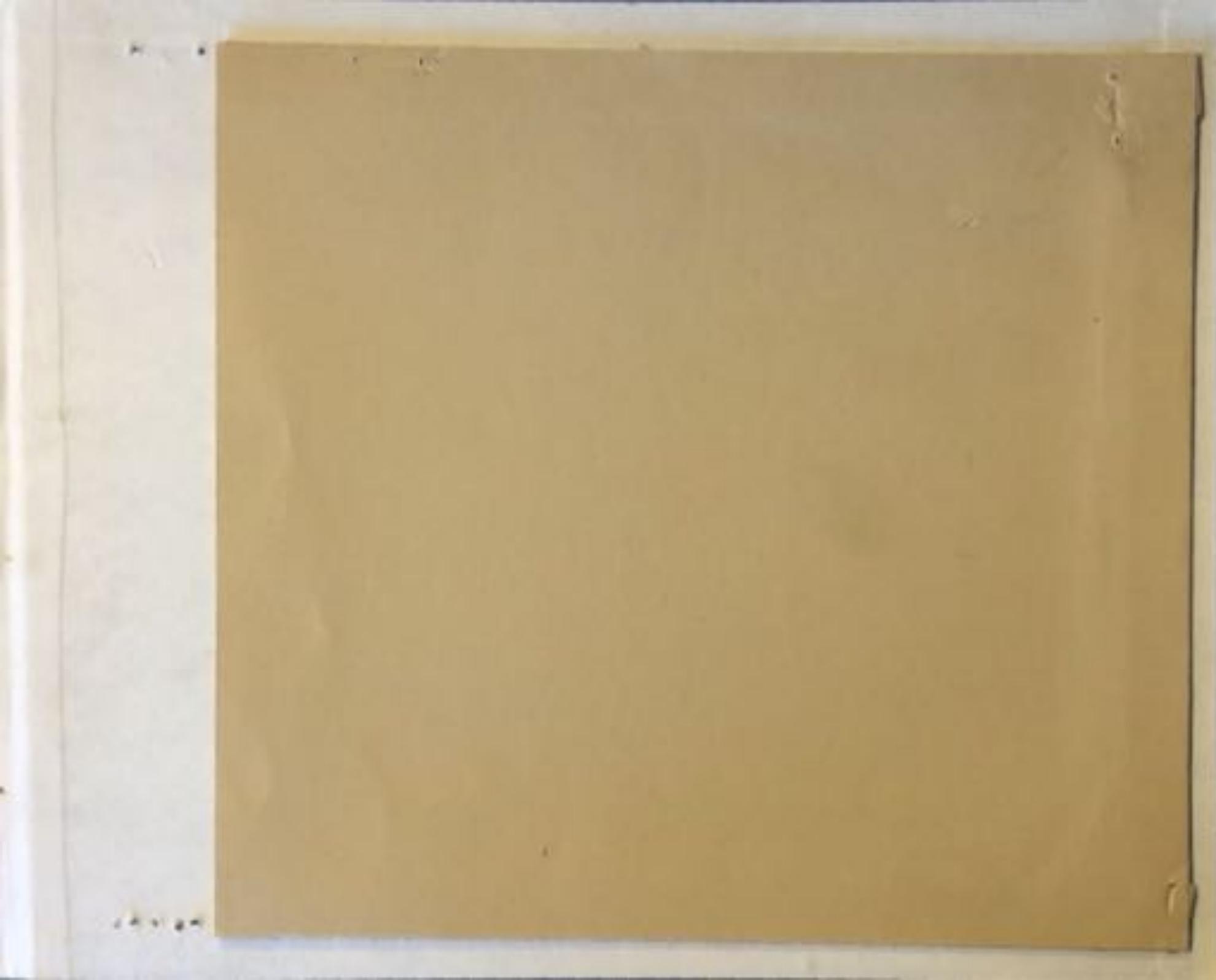
Date	Number of Flights (2)	Duration of Flights (3)		Time since renewal of Certificate of Airworthiness or Time Since Manufacture (4)		
		Hours	Mins.	Hours	Mins.	
(1) 19-19		1771	41	145	21	
Total Brought Forward						
18 Apr			43	146	09	17 72 29
19 Apr			56	147	05	17 73 25
24 Apr		1	19	148	24	17 74 44
28 Apr		2	32	150	56	17 77 16
3 May		1	25	152	21	17 78 41
4 May			38	152	59	17 79 19
5 May			17	153	16	17 79 36
9 May			44	154	00	17 80 20
10 May			37	154	37	17 80 57
11 May		1	25	156	02	17 82 23
14 May			55	156	57	17 83 17
16 May		2	53	159	50	17 86 10
15 May		1	33	161	23	17 87 43
16 May		1	47	163	10	17 89 30
18 May		1	19	164	29	17 90 49
Total Carried Forward						

- (1) Particulars of all maintenance work
- (2) Particulars of all overhauls, repairs
- (3) Particulars of any defects occurring to the relevant engine in
- (4) Certificate that in carrying out the

done on the aircraft,
replacements, modifications and mandatory inspections to the aircraft or its equipment,
in the aircraft or its equipment and of the rectification of such defects including a reference
Technical Log,
overhaul, repair etc., all mandatory requirements applicable thereto have been complied with.

(5)

FORWARD INFO
TO AIRCRAFT LOG
#3





Civil Aviation Authority

AIRCRAFT LOG #3

Book #3



5/79 - 7/84

CAP 398

Aircraft Log Book

(MAUW not exceeding 2730 kg)

Civil Aviation Authority London

CAP 398

Aircraft Log Book

(MAUW not exceeding 2730 kg)

Civil Aviation Authority London June 1977

INSTRUCTIONS FOR USE

1. GENERAL

1.1 This log book shall be kept and entries shall be made in accordance with the current Air Navigation Order (ANO).

1.2 The ANO prescribes that the operator of an aircraft shall cause to keep or cause to be kept a log book in respect of the aircraft and includes the following provisions:—

- (a) Each entry in the log book shall be made as soon as is practicable after the occurrence to which it relates, but in no event more than seven days after the time of the occurrence.
- (b) Entries in a log book may refer to other documents which shall be clearly identified, and any other document so referred to shall be deemed to be part of this log book.
- (c) Subject to any provisions in the ANO regarding the preservation of documents, the log book shall be preserved by the operator of the aircraft until a date two years after the aircraft has been destroyed or permanently withdrawn from use.

1.3 The ANO provides that the operator of an aircraft registered in the United Kingdom shall within a reasonable time after being requested to do so by an authorized person cause a log book to be produced to that person. Other provisions included in the ANO relate to false entries, mutilation, alteration of such a document. All entries in the log book made in writing shall be made in ink or indelible pencil.

1.4 The details entered on the Title Page shall be those appropriate to the particular aircraft. Official designations shall be used for the aircraft, engine and propeller types.

2. PART A

2.1 In Part A of this log book, there shall be entered in Columns 1, 2 and 3 the date of each flight, the duration of the period between take-off and landing, or, if more than one flight was made on that day, the number of flights and the total duration of the periods between take-offs and landings on that day. A cumulative total should be entered in Column 4.

2.2 In Column 5 of part A there shall, if appropriate, be entered the cycles run by the engine. Cycle shall be as defined in the constructor's technical literature.

2.3 In Column 6 of Part A there shall be entered particulars of the following events relating to the aircraft, including its equipment (but excluding maintenance of engines and v.p. propellers):—

- (a) Particulars of all maintenance work done on the aircraft or its equipment.

- (b) Particulars of any defects occurring in the aircraft or in any equipment required to be carried, and of the action taken to rectify such defects including a reference to the relevant entries in the technical log.
- (c) Particulars of any overhauls, repairs, replacements and modifications relating to the aircraft or any such equipment.

NOTE: See also Part C, where further details of modifications have to be entered.

- (d) Certificate that in carrying out the overhauls, repairs, replacements and modifications, all mandatory requirements applicable thereto have been complied with.

2.4 In Column 7, the person making the entry in Column 6 shall enter his signature, authority and date. This signature constitutes a signature to the Certificate of Compliance where the entry covers work which necessitates such a certificate. The authority to be held is as prescribed in the ANO.

3 PART B

3.1 In Part B there shall be entered reference numbers of any checks (e.g. Check 1, 2, 3 or 4) made in accordance with the Approved Maintenance Schedule relating to the aircraft and the date on which each function was performed together with the total airframe hours since manufacture.

4 PART C

4.1 In addition to any entry in Part A, in Part C there shall be entered in Columns 1, 2 and 3 the reference details, e.g. Bulletin Number and brief description of subject, of any modifications and technical instructions, including those prescribed for the purpose of ensuring that the aircraft remains airworthy.

4.2 In Column 4 headed 'Method of Compliance' the degree of compliance, e.g. 'part (a) only' or 'paragraph 2 inspection only' or 'full compliance' shall be stated, together with the method, e.g. visual, NDT, replacement.

4.3 In Column 5 headed 'One-time' a tick shall be added when total compliance has been achieved and no further action is necessary.

4.4 In Column 6 headed 'Recurring' a tick shall be added when only partial compliance has been achieved, and further action is necessary to achieve full compliance or when repetitive action is specified. For such entries Column 7 headed 'Next Compliance Due' shall show the date and/or hours at which further action or compliance is next due.

4.5 In Column 8 the person making the above entries shall enter his signature, authority and date. The authority to be held is as prescribed in the ANO.

AIRCRAFT

Log Book No. 3

Nationality and

Constructor

PIPER AIRCRAFT COOP

Registration Marks

G-AYZY

Type

PA 39

Constructor's No.

39-39

Date of Construction

ENGINE(S)

PROPELLER(S)

Type(s)

LYCONING IO-320-B1A

Type(s)

HARTZELL HC-E3YL-2BS

OPERATOR

Name & Address

DORMIT TIMBER INDUSTRY LTDBROADWAY LANE, SOUTH CERNEY, CIRENCESTER, GLOS.

Name & Address

Name & Address

Name & Address

Date	No. of Flights	Flight Time		Total Since Manufacture		Engine Cycles	I hereby certify that the inspection/overhaul/repair/replace with the requirements of British Civil Airworthiness Regs. Particulars of Maintenance and Other Work Carried Out on
		3 h	m	4 h	m		
1979	2						
Total of				1790	49		RADIO INSTALLATION SURVEY
4 Jul		1	56	1792	45		SURVEYOR <i>R. S. Smith</i> DATE 5/7/79
5 Jul			55	1793	40		FOR THE CIVIL AVIATION AUTHORITY
7 Jul			35	1794	15		
12 Jul		2	00	1796	15		
13 Jul		3	53	1800	08		
18 Jul		1	03	1801	11		
25 Jul		1	10	1802	21		
26 Jul		6	58	1809	19		
31 Jul			51	1810	10		
1 Aug		2	21	1812	31		PILOTS SECOND REPORT OF NO TURNS
3 Aug		1	20	1813	51		CONSOLE BLANKED C.G. TRIPPED SYSTEM
4 Aug		2	47	1816	38		KFS575 S/N 1791 REMOVED
6 Aug		2	00	1818	38		TRANSponder KT75RB S/N 1832 BEHIND SE
22 Aug		2	02	1820	40		IN AIRCRAFT AND SYSTEM TESTED
23 Aug			57	1821	37		
29 Aug		1	21	1822	58		
Total of							

The following work has been carried out on the above aircraft.

PA39. SERIAL No. 39-89. REGISTRATION G-AYZY.

Left electronic fuel pump deteriorates after 15 secs., and effects RPM. Fuel flow drops at low RPM.

Unserviceable item removed and Part No. 24058-7, Serial No. 23031 installed under Batch No. GT3416.

Fuel flow checks carried out as follows:

Left Main to Left engine	-	34.6 gph.
Left Auxillary to Left engine	-	33.8 gph.
Cross feed to Left Engine	-	34.6 gph.
Right Main to Right engine	-	32.7 gph.
Right Auxillary to Right engine	-	32.7 gph.
Cross feed to Right engine	-	31.5 gph.

I hereby certify

The following work has been carried out on the above aircraft.

PA39. SERIAL No. 39-89. REGISTRATION G-AYZT.

Left electronic fuel pump deteriorates after 15 secs., and effects RPM.
Fuel flow drops at low RPM.

Unserviceable item removed and Part No. 24058-7, Serial No. 23031 installed
under Batch No. GT3416.

Fuel flow checks carried out as follows:

Left Main to Left engine	-	34.6 gph.
Left Auxillary to Left engine	-	33.8 gph.
Cross feed to Left Engine	-	34.6 gph.
Right Main to Right engine	-	32.7 gph.
Right Auxillary to Right engine	-	32.7 gph.
Cross feed to Right engine	-	31.5 gph.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above
has been carried out in accordance with the requirements of Chapter A4-3 of British Civil
Airworthiness Requirements.

Signed *A. J. Edwards* Authority
WOODWOOD TERRENA LTD.

9933 AEG.

Date 11 Jul 1979

C. S. E. AIRCRAFT SERVICES LTD.

Oxford Airport, Kidlington, Oxford

Reference CSE/A/H1029.

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PA 39

ENGINE TYPE

PROPELLER TYPE

REGISTRATION G-AYZY

The following work has been carried out on the above Airframe,

Pictorial Nav. Indicator, Serial No. 2226, reinstalled.
C.S.E. Inspection Report I/15330 refers.

-04.

C. S. E. AIRCRAFT SERVICES LTD.

Oxford Airport, Kidlington, Oxford

Reference CSE/A/H1029.

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PA 39

ENGINE TYPE

PROPELLER TYPE

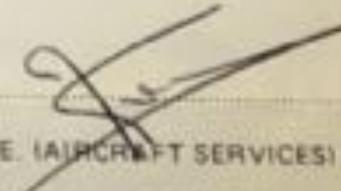
REGISTRATION G-AYZI

The following work has been carried out on the above Airframe,

Pictorial Nav. Indicator, Serial No. 2226, reinstalled.

C.S.E. Inspection Report I/15330 refers.

I hereby certify that the inspection / overhaul / repair / replacement / modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements

Signed  Chief Inspector

Firm C.S.E. (AIRCRAFT SERVICES) LTD.

C.A.A. Approval Reference DA1/2250/46

or Licence No.

Date

13-7-79.

1. Check 4 carried out in accordance with the General Purpose Maintenance Schedule, reference ARB/GPMS/FW71 (AL6) at a total of 1790.49 hours.
2. Details of Mandatory and Special Inspections held on Goodwood Terrena Ltd., file ZY/4/29579 Sheets M1 to M8 and as recorded in Part 'C' of the Aircraft Log Book.
3. Details of all work carried out, components changes, replacements and materials used, with associated Batch numbers, recorded on Goodwood Terrena Ltd., file ZY/4/29579 and Airframe Inspection Report/Work Sheets Nos. A1 to A7 and Engine Inspection Report/Work Sheets Nos. E1 and E2.
4. The following complied with at this time:-

FAA Airworthiness Directives	74-16-08, 77-08-01, 77-13-21, 77-12-06, 73-07-04, 74-26-09, 78-09-07, 73-10-02 (Part A).
CAA Additional Directives	0634 PRE 78.
CAA Airworthiness Notices	88, 55, 75, 12 as applicable.
Piper Service Bulletins	320A.
Piper Service Letters	575, 595, 609, 627, 850, 851
5. Fuel flow checks carried out P. Outer 32.5 Inner 33 X feed 33 gph.
S. Outer 40.9 Inner 41.8 X feed 26.8 gph.
6. Battery capacity check carried out.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chapter A4-3 of British Civil Airworthiness Requirements.

Signed _____

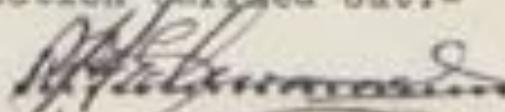
Authority _____

Date _____

7. Compass check swing carried out and the results recorded in the Compass Log Book held by Goodwood Terrena Ltd.

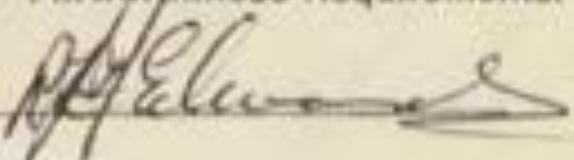
ALTP38663

8. Duplicate control Inspection carried out:-

1st Inspection  9933 A&C

2nd Inspection 16848A (CAA Authority -
9/221/16848A/DISP/227
dated 26 Jun 79)

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chapter A4-3 of British Civil Airworthiness Requirements.

Signed  Authority 9933 A&C Date 3rd July 79

PIPER PA39. SERIAL No. 39-89. REGISTRATION G-AIBY.

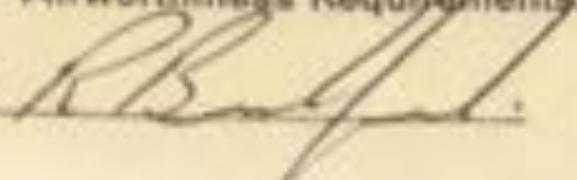
Automatic JB Autopilot and Autotrim Installation.

Check 4 carried out in accordance with the General Purpose Maintenance Schedule, reference ABE/GPMS/Y71 (AL6).

Roll bridle cable replaced. Part No. 25960-002, Batch No. GT3296. Inspection Report/Work Sheet No. A2, item 15 refers.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chapter A4-3 of British Civil Airworthiness Requirements.

Signed



Authority

14117

Date

28th June 1979

Check 4 Radio carried out in accordance with the General Purpose Maintenance Panel 016,
reference ARB/GPMS/PW71 (A16) at a total of 1790.49 hours.

The following avionics equipment found fitted:-

Type - King.

KFS 575	Transponder Controller	S/No. 1791	O/hailed 22 Jun 79
KT 75R	Transponder	S/No. 1832	O/hailed 22 Jun 79
KI 265	DME Ind.	S/No. 10341	O/hailed 22 Jun 79
KN 65	DME Interrogator	S/No. 10670	O/hailed 22 Jun 79
KI 525	Pictorial Nav. Ind.	S/No. 2226	
KN 74	Area Nav. Computer	S/No. 7153a	O/hailed 22 Jun 79
KR 21	Marker Receiver	S/No. 1179	O/hailed 22 Jun 79
KI 226	RMI Convertor Ind.	S/No. 1952	O/hailed 22 Jun 79
KI 225-01	ADF Indicator	S/No. 20210	O/hailed 22 Jun 79
KI 214	Course Selector Ind.	S/No. 3820	O/hailed 22 Jun 79
KN 73	Glide Slope Receiver	S/No. 3537	O/hailed 22 Jun 79
KX 175B	Nav/Comm System	S/No. 4298	O/hailed 22 Jun 79
KX 175B	Nav/Comm System	S/No. 10188	O/hailed 22 Jun 79
KR 85	ADF	S/No. 20414	O/hailed 22 Jun 79
<u>Reenix</u>			
102A	Audio Amplifier	S/No. 9973	O/hailed 22 Jun 79
S G Brown A692/1	Audio Amplifier	S/No. 076	

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above
has been carried out in accordance with the requirements of Chapter A4-3 of British Civil
Airworthiness Requirements.

Signed _____

Authority _____

Date _____

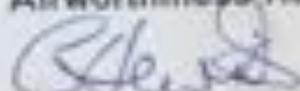
FI 529 Pictorial Nav. Indicator, Serial No. 2226. Nav. Fuel Valve found to be operating incorrectly. Aircraft placarded accordingly.

Installation of courtsey headphones carried out under Minor Modification GT/MOD/RAD/009 and CAA Authority S.1129.....

CAA Mandatory Aircraft Modifications Inspection Summary Issue No. 35, April 1979, checked and are found to have been satisfied.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chapter A4-3 of British Civil Airworthiness Requirements.

Signed



Authority

13645

Date

5 Jul 1979

13645

5 Jul 1979

the Aircraft

Signature
Authority
Date
7

Certified that this aircraft is approved for the renewal of
its Certificate of Airworthiness in the transport
(passenger) category. Valid for a period of 36 months

6/2/79



Lawson

REPLIES RECEIVED BY A/C. EQUIPMENT REMOVED FOR REPAIR.
REMOVED. TRANSPONDER PNO KF75RB SNO 1932 AND CONTROLLER

Checked 13645.
CA HENITT 7-3-79

AND CONTROLLER KF5575 SNO 1771 BATCH NO. CT3540 RE-INSTALLED
SATISFACTORILY. PLACARD REMOVED

Checked 13645.
CA HENITT 20-8-79

Date	No. of Flights	Flight Time		Total Since Manufacture		Engine Cycles	I hereby certify that the inspection/overhaul/repair/replace with the requirements of British Civil Airworthiness Require Particulars of Maintenance and Other Work Carried Out on
		3	h	m	4		
1 <u>1979</u>	2						
Total tot.					1822	58	
30 Aug			30		1823	29	
2 Sep			55		1824	23	
18 Sept	2	1	42		1826	05	<u>50 HOURS CHECK</u>
19 "	1	1	10		1827	15	
20 "	3	3	03		1830	18	
23 "	2	1	57		1832	15	
25 "	1		30		1832	45	
4 Nov 79	4	3	42		1836	27	
23 OCT 79	2	1	00		1837	27	
7-11-79	1	1	34		1839	01	<u>62 DAY / 50 HOURS CHECK</u>
20 Nov 79		1	00		1840	01	
21 Nov 79		2	02		1842	03	
23 Nov 79		1	26		1843	29	
27 Nov 79		2	22		1845	51	
28 Nov 79		1	19		1847	10	
29 Nov 79		2	01		1849	11	
Total ct.							

The following work has been carried out on the above aircraft.

PA39. SERIAL No. 39-89. REGISTRATION G-AYEY.

Minor Modification (Radio) - GT/MOD/RAD/010 - Incorporation of Mode 'C' encoding facility into existing KF75R Transponder system, by installation of Transcal D120-P2-7 Digitiser, Serial No. 30114, per modification instructions. CAA Authority - S1172 dated 20 Aug 79.

I hereby certify that the inspection/overhaul/repair/replacement/modification specified above has been carried out in accordance with the requirements of Chapter A4-3 of British Civil Airworthiness Requirements.

Signed [Signature]

Authority 13645

Date 7 Sept 1979

FILE

24
2-11
-79
LTD

Mc
Nov 79

Authority
Date
7

FILE REF: ZY/50/19979 Airmorshing notice SS, PSC 2364 Confused with PSC 5959609

GOODWOOD TERRENA LTD

LAC
163-11
B-10-79

FILE REF: ZY/50/191178 PSC 5959609 Complied with

GOODWOOD TERRENA LTD

Aviation Division

LTD
9833-11
18-10-79

~~24~~
DME PWD K165 SN 10670 REMOVED FOR REPAIR 6-12-79
REPORTED NOT LOCKING ON. CONFIRMED NO PARROT ON TESTS 6-12-79

Checked 12645
6-12-79

Date	No. of Flights	Flight Time		Total Since Manufacture		Engine Cycles	I hereby certify that the inspection/overhaul/repair/replace with the requirements of British Civil Airworthiness Requirements Particulars of Maintenance and Other Work Carried Out on
		3	4	4	5		
1	2	h	m	h	m	6	6
Total of				1849	11		
30 Nov 79		9	39	1852	50		
3 Dec 79		1	33	1854	23		
4 Dec 79		1	28	1855	27		
10 Dec 79			36	1856	27		
29 Dec 79		1	00	1857	27		
30 Dec 79			54	1858	21		
31 Dec 79		3	14	1861	35		
1 Jan 80		2	18	1863	53		
2 Jan 80		2	17	1866	10		
5 Jan 80			24	1866	34		100 hours check
9 Feb 80			30	1867	04		
17 Feb 80			30	1867	34		Overhaul check 2-9-80
15 September		1	00	1869	34		
29th Sept.			30	1869	04		
8 Oct			36	1869	40		
10 Oct			14	1869	54		
Total of							

C.S.E. AVIATION LTD.

Oxford Airport, Kidlington, Oxford

Reference CSE/A/J1152.

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PA 39

ENGINE TYPE Lycoming

PROPELLER TYPE Hartzell

REGISTRATION G-AYZY

The following work has been carried out on the above Airframe, for rectification of auto-pilot system.

Radio Coupler, Serial No. 5909-F, removed, repaired and refitted.
 Inspection Report R03126/80 refers. KA57 Auto-pilot Adaptor, Serial No. 1402, removed, adjusted and refitted. Inspection Report R03171/80 refers.
 KI525 Nav Indicator, Serial No. 2226, removed, bench tested and refitted.
 Inspection Report R03115/80 refers. Auto-pilot set up on the ground and trimmed in flight.

I hereby certify that the inspection / overhaul / repair / replacement / modification specified above has been carried out in accordance with the requirements of Chapter 44.3 of British Civil Airworthiness requirements.

Signed  Chief Inspector

Firm C.S.E. AVIATION LTD.

C.A.A. Approval Reference DA/2250/46

Licence No.

Date

10-10-80.

EB 378

C.S.E. AVIATION LTD.

OXFORD AIRPORT KIDLINGTON OXFORD

Reference CSE A/J 1482.

LOG BOOK CERTIFICATE

AIRCRAFT TYPE Piper PA39.

REGISTRATION G-AYZY.

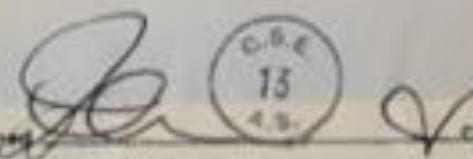
ENGINE TYPE

PROPELLER TYPE

The following work has been carried out on the above Radio Station.

King KX175B S/N 9298 repaired. Test Report SO. 3403-80 refers.

I hereby certify that the inspection / overhaul / repair / replacement / modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements.

Signed  Chief Inspector

Firm C.S.E. AVIATION LTD.

C.A.A. Approval Reference OAI/2250/46

or Licence No. _____

Date 19th OCTOBER, 1980.

SB 175

Log Book.

C.S.E. AVIATION LTD.
OXFORD AIRPORT KIDLINGTON OXFORD

Reference CSE A/J 1377.

LOG BOOK CERTIFICATE

AIRCRAFT TYPE Piper PA39.

REGISTRATION G-AYZT.

ENGINE TYPE

PROPELLER TYPE

The following work has been carried out on the above Radio Station.

The following equipment repaired:-

	S/N	TEST REPORT.
King KX175B VHF Nav/Comm Transceiver	9298	BO 3221-80
King KX175B VHF Nav/Comm Transceiver	10188	BO 3157-80
King KN74 R/Nav Computer	2067	BO 3183-80
King KI226 RMI	1952	BO 3159-80
King KI214 VOR/ILS Indicator.	3820	BO 3182-80

King KF75B S/N 1832 & King KFS575 S/N 1791 refitted after repair - Spooner
App Cert N^o 0613 refers.

I hereby certify that the inspection / overhaul / repair / replacement / modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements.

Signed

Firm

C.S.E. AVIATION LTD.

C.A.A. Approval Reference DA1/2250/48

License No.

Date

29th SEPTEMBER, 1980

EB 376

Log Book

Reference CSE/A/J1377.

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PA 39

REGISTRATION G-AYZI

ENGINE TYPE

PROPELLER TYPE

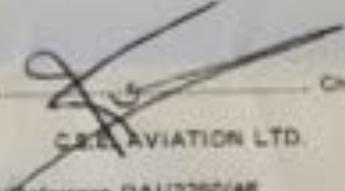
The following work has been carried out on the above Airframe,

Radio Coupler, Serial No. 5909F, removed, repaired and refitted - R03160-80 refers.
Function tested - satisfactory.

KG102 D.G., Serial No. 2223, removed, and repaired - R03294-80 refers.
D.G. refitted and functioned - satisfactory.

KCS55 system compass checked on ground and in flight - satisfactory.

I hereby certify that the inspection / overhaul / repair / replacement / modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements.

Signed  Chief Inspector

Firm CSE AVIATION LTD.

C.A.A. Approval Reference DA1/2250/48

ex-Licence No. _____

Date 29-9-80.

FLIGHT CENTRE
SHOREHAM AIRPORT, SUSSEX

LOG BOOK ENTRY

A/C Type: *Rider PA39* A/C Reg: *G-AXZY* Engine Type: *L/IO-320-B1A* Engine No.: *S. 1200-66A* P.14643-55A

The following work has been carried out on the above Aircraft **Engine**. * Delete whichever inapplicable

Annual check carried out IAW CAA/LAMS/FW/1978 iss 1 @1867.34 AF Hours.

Both ailerons removed, PSL 787 and PSL 850 satisfied inspection- refitted.

Combustion heater removed for O/H, refitted Pt No 20D35 Ser No 2690731 SAB0770. *FEELS INSTALLED*

Air duct renewed, 753-050 SAB0759, ground tested- satis.

Corrosion on undercarriage and various parts of airframe rectified and reprotected.

First aid kit renewed C1200. Lifejackets inflation checked- satis.

Battery cap tested 85%, ASI,ALT, tachos check calibrated.

PSL 575 satisfied on retraction test, PSL679 aft bulkhead inspection satisfied.

Nosewheel bearing abd cup renewed, 13889 SA781164, 13836 SA790018.

Duplicate inspection of disturbed flying controls carried out IAW BCAR A5-3

Full details under file ref 2428 held at Shoreham Airport.

I hereby certify that the Inspection/Overhaul/Repair/Replacement/Modification specified above has been carried out in accordance with the requirements of Chapter A 4-3 of British Civil Airworthiness Requirements.

Signed

Firm

SPECIAL AVIATION
ENGINEERING LIMITED

CA App.

or Lic. No. *AI/8390/74* Date *2-9-80*

NOTE: This form constitutes an official Log Book Certificate and as such must be affixed in the appropriate Log Book.

FLIGHT CENTRE
SHOREHAM AIRPORT, SUSSEX

LOG BOOK ENTRY

A/C Type: PA 39 A/C Reg: G-AYZY Engine Type: Engine No.:

The following work has been carried out on the above Aircraft Engine * Delete whichever inapplicable
RADIO STATION

Radio annual check carried out IAW CAA/LAME/FW/1978 iss 1

P1 PTT curleycord reterminated.

Nav aerial rod rectified.

Nav 1 & 2 errors rectified. SAR404

Xpdr KT76A repaired SAR 405

Radio station ramp tested - Satis.

Full details under file ref 2428 /R1247 held at Shoreham Airport.

I hereby certify that the Inspection/Overhaul/Repair/Replacement/Modification specified above has been carried out in accordance with the requirements of Chapter A 4-3 of British Civil Airworthiness Requirements.

Signed



Firm

SPOCKER AVIATION
ENGINEERING LIMITED

CA App.

or Lic. No. LL/6390/74

Date

2-9-80

NOTE: This form constitutes an official Log Book Certificate and as such must be affixed in the appropriate Log Book.

FLIGHT CENTRE
SHOREHAM AIRPORT, SUSSEX

LOG BOOK ENTRY

A/C Type: PA 39 A/C Reg: G-AYZY Engine Type: m Engine No.:

The following work has been carried out on the above Aircraft: ~~Engine~~ * Delete whichever inapplicable

Airpath compass swung at Shoreham Airport, Radios, Strobes, Pitot ON, no significant change when OFF.

FOR	N	45	E	135
STEER	07	048	090	135
FOR	S	225	W	315
STEER	177	224	277	315

Date 2-9-80

King KCS55 compass check swung at Shoreham Airport. Deviations as per existing card.

I hereby certify that the Inspection/Overhaul/Repair/Replacement/Modification specified above has been carried out in accordance with the requirements of Chapter A 4-3 of British Civil Airworthiness Requirements.

Signed GSL Firm SPONER AVIATION ENGINEERING LIMITED CA App. 12672 or Lic. No. 12672 Date 2-9-80

NOTE: This form constitutes an official Log Book Certificate and as such must be affixed in the appropriate Log Book.

Reference CSE/A/H1863.
LOG BOOK CERTIFICATE
AIRCRAFT TYPE PA 39
ENGINE TYPE
PROPELLER TYPE

REGISTRATION G-AYZY

The following work has been carried out on the above Airframe,

KI525 Nav. Indicator, Serial No. 2226, removed, repaired and refitted.
Inspection Report RO/L930/79 refers. Auto-pilot set up in flight.

All fuel tanks drained, filters and filter bowls checked, aircraft replenished
with uncontaminated fuel and left and right fuel systems flushed through.

I hereby certify that the inspection / overhaul / repair /
replacement / modification specified above has been carried out
in accordance with the requirements of Chapter A4.3 of British
Civil Airworthiness requirements.

Signed

Chief Inspector

Firm

C.S.E. (AIRCRAFT SERVICES) LTD.

C.A.A. Approval Reference DA1/2250/46

or Licence No.

Date

21-12-79.

Oxford Airport, Kidlington, Oxford

Reference CSE A/H 1863.

LOG BOOK CERTIFICATE

AIRCRAFT TYPE Piper PA39.

ENGINE TYPE

PROPELLER TYPE

REGISTRATION G-AYZY.

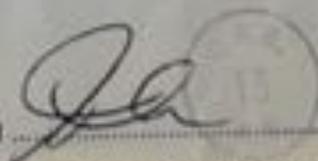
The following work has been carried out on the above Radio Station.

King KN65 DME T/R Unit S/N 10670 removed, repaired, refitted and functioned:-
Test Report RO 4906-79 refers.

King KA32 Aerial replaced, PT/No 071-1021-00, Batch No GR 43614.

I hereby certify that the inspection / overhaul / repair / replacement / modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements.

Signed



Chief Inspector

Firm

CSE (AIRCRAFT SERVICES) LTD.

C.A.A. Approval Reference GAI/2250/46

of Licence No.

13th DECEMBER, 1979.

Date

the Aircraft

Signature
Authority
Date
7

Fuel Ref: 24/100/4280

GAH Mtd No. 55 Ag 77-05-01, Ag 77-05-01, Ag 88-20, Ag 88-595, 609 }
\$50,575 charged with

R. H. Lawrence

146 0933 6 Feb 80

GOLDWOOD TERRENA LTD

12

Date	No. of Flights	Flight Time		Total Since Manufacture		Engine Cycles	I hereby certify that the inspection/overhaul/repair/replace with the requirements of British Civil Airworthiness Requirements Particulars of Maintenance and Other Work Carried Out on
		h	m	h	m		
1990							
Total hf.				1869	54		
19 Oct			28	1870	22		
20 Oct			20	1870	44		
24 Oct		3	53	1874	37		
2 Nov		2	25	1877	01		
3 Nov		3	42	1880	44		
4 Nov		2	37	1883	21		
5 Nov		1	37	1884	59		
20 Nov			14	1885	12		
3 Dec			28	1885	40		
18 Dec			27	1886	07		
9 Dec		2	45	1888	52		
10 Dec		1	42	1889	34		
11 Dec		1	39	1890	13		
16 Dec		1	27	1893	40		
17 Dec			29	1894	09		
5 Jan		1	45	1895	54		
Total cf.							

Certificate of Airworthiness
 issued/renewed on 5.11.1974
 amended to Private Category on
13.11.1980.....

CIVIL AVIATION AUTHORITY

Date ...13.11.1980...



81/

C.S.E. AVIATION LTD.

Oxford Airport, Kidlington, Oxford

Reference CSE/A/J1822.

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PA 39
 ENGINE TYPE Lycoming
 PROPELLER TYPE Hartzell

REGISTRATION G-AYZY

The following work has been carried out on the above Airframe,

Corroded left and right fuel bowl filters replaced, Batch No. 0815001.

Fuel flow taken from left electric fuel pump:-

Main 45 G.P.H.
 Aux. 45 G.P.H.

I hereby certify that the inspection / overhaul / repair / replacement / modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements.

Signed _____ Chief Inspector

Firm C.S.E. AVIATION LTD.

C.A.A. Approval Reference DA1/2250/48

Licence No. _____

Date 8-12-80.

Oxford Airport, Kidlington, Oxford

Reference CSE/A/J1567.

LOG BOOK CERTIFICATE

AIRCRAFT TYPE PA 30

REGISTRATION G-AYZY

ENGINE TYPE Lycoming

PROPELLER TYPE Hartzell

The following work has been carried out on the above Airframe,

HSI Slaved Gyro, Serial No. 2223, removed, repaired and refitted.
Inspection Report RO-3675-80 refers. Flux Detector, Serial No. 1148, removed
(unmodified). Replacement Detector, Serial No. 12962, Batch No. CR69148,
installed. Airpath and HSI KPI525 system check swung - satisfactory.

Cabin heater overheat switch reset.

Static leak check carried out. Leak at digitizer connection rectified.

I hereby certify that the inspection / overhaul / repair /
replacement / modification specified above has been carried out
in accordance with the requirements of Chapter A4.3 of British
Civil Airworthiness requirements.

Signed _____ Chief Inspector

Firm C.E. AVIATION LTD.

C.A.A. Approval Reference DAI/2250/46

or Licence No. _____

Date 31-10-80.

OXFORD AIRPORT KIDLINGTON OXFORD

Reference CSE A/J 1567.

LOG BOOK CERTIFICATE

AIRCRAFT TYPE Piper PA30.

REGISTRATION G-AYEY.

ENGINE TYPE

PROPELLER TYPE

The following work has been carried out on the above Radio Station.

King EN74 S/N 2067 repaired, Test Report BO 3704-80 refers.

Trans-cad D120-P2-T S/N 30114 repaired, test report I/1 8833 refers.
System range checked satisfactory.

I hereby certify that the inspection / overhaul / repair / replacement / modification specified above has been carried out in accordance with the requirements of Chapter A4.3 of British Civil Airworthiness requirements.

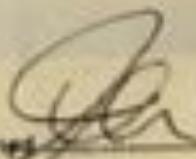
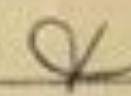
Signed

Firm

C.A.A. Approval Reference CAI/2256/48

or Licence No.

Date

   Chief Inspector

C.S.E. AVIATION LTD.

31st OCTOBER, 1980.

Date	No. of Flights	Flight Time		Total Since Manufacture		Engine Cycles	I hereby certify that the inspection/overhaul/repair/replace with the requirements of British Civil Airworthiness Requirements Particulars of Maintenance and Other Work Carried Out on
		h	m	h	m		
1981							
Total of:				1896	54		
6 Jan.				1896	20		
7 Jan.				1896	48		
8 Jan.				1898	24		
12 Jan.				1901	07		
13 Jan.				1903	22		
15 Jan.				1906	35		
11 Feb.			20	1906	53		
12 Feb.		2	02	1909	55		
13 Feb.			30	1909	25		
16 Feb.		2	35	1912	00		
18 Feb.		1	35	1913	35		50 m check
21 Feb.			15	1913	50		Late entry.
26 Feb.		4	20	1918	10		
4 March		3	05	1921	45		
6 Mar.		2	30	1923	45		
11 Mar.		2	00	1925	45		
Total of:							

Air Service Holland bv

**BEWIJS VAN GOEDKEURING
CERTIFICATE OF APPROVAL**

Cert. volg no
Cert. serial no

Bewijs van erkenning no R 140
Netherlands certificate of
Recognition no

Onderdeel no Part no	KF 75-R	Aantal Items	2	W. O. no Order no	01-169-76
Product Product	X-DOUDEL	Werkzaamheden Details of work REPAIRED, BENCH-TESTED, FOUND-SERVICEABLE			
Serie no Serial no	1832				
Bedrijfsuren Oper. time					
Fabrieks Manuf.	KING				
Eigenaar Owner					
Behoort bij Belongs to	G-GHRY	Degevens onder no Details on file under no			
Bestemd voor Destined for	— 11 —	Datum inbouw Date of installation			
Beproevingstrap Test cert. yes/no					

Reinige

Hierbij wordt verklaard dat de in dit bewijs omschreven werkzaamheden werden verricht overeenkomstig de krachtens Hoofdstuk IV van de Regeling Toezicht Luchtvaart gegeven voorschriften en dat het betrokken product is goedgekeurd voor gebruik in Luchtvaartuigen.
It is hereby certified that the work specified in this certificate has been carried out in accordance with the requirements pursuant to Chapter IV of the Netherlands Regulations on the State Control of Air Navigation and that the related product is approved for use in Aircraft.

Inspectie

 Datum
 Date 05-03-81

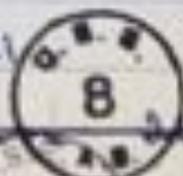
loaned RM1 indicator slv 3966 removed, original
indicator slv 1952 refitted following repair

inspection report R0/4273/80

Details of work held in file ref. CSE A/K 0531

Initial inspection of disturbed ailerons

Duplicate inspection of disturbed ailerons


 26-2-81
 31 26-2-81
 10

16-2-81

6

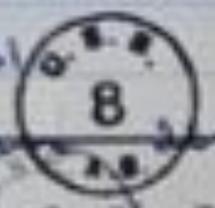
Date
7

50hr/100hr Annual Check has been completed to
my satisfaction at 1913-35 total airframe hours
Maintenance Sgt. CAALAMREW 1936
Authorized Signature
Airframe DA1225046 26-2-81 CGann
Engine
Radio DA1225046 26-2-81 CGann

Reinspected - AD 77-8-1 Aileron outer hinges locations.
AD 79-12-8 Fuel selector interpart leakage.
Replaced both brake discs Batch No GR 71754
Co pilots left brake foot motor sku E14803
Batch No GR 38499E
loaned RMI indicator sku 3966 removed, original
indicator sku 1952 fitted following repair.
Inspection report R0/4273/80
Details of work held in file ref. CSE A/K0531

CGann DA1225046
26-2-81

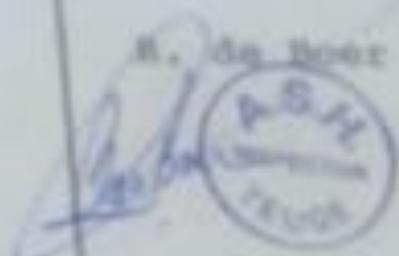
Initial inspection of disturbed ailerons CGann 26-2-81
Duplicate inspection of disturbed ailerons June 31 26-2-81



Date	No. of Flights	Flight Time		Total Since Manufacture		Engine Cycles	I hereby certify that the inspection/overhaul/repair/replace with the requirements of British Civil Airworthiness Regulations Particulars of Maintenance and Other Work Carried Out on
		h	m	h	m		
1	2	3		4		5	6
Total of				1925	45		
16 Feb		2	25	1925	10		
13 Feb		2	20	1930	30		
15 Feb		2	20	1932	50		
22 Feb			15	1933	65		
25 Feb			10	1933	15		
27 April		2	25	1935	40		
1 May		2	25	1938	65		
14 May		2	05	1940	10		
9 July			30	1940	40		
14 July		2	30	1943	10		
18 July		2	30	1945	40		
19 July		2	35	1948	15		
27 August			30	1948	45		
28 August		2	15	1951	00		
30 August		2	30	1953	30		
12 Sept		1	50	1955	20		
Total of				1955	20		

Aircraft type : Piper Twin Comanche Registration : G-AYZY Aircraft hours : unknown
 Engine type : 2x Lyc. IO 360 Serial no. : - Engine Hours :
 Owner : Mr. Gilder

Work carried out : RH Engine troubles during flight
 Fuel injector found defective after trouble shooting
 injector removed and send to CSE for repair (see
 approved certificate no 11987)
 Because there was too much damage internal in this
 injector, they made an overhaul.
 Injector reinstalled on aircraft, mixture + idle adjusted
 LH engine troubles caused by plugged injector nozzle and
 defective sparkplug, and mixture adjusted; problem solved
 Run up carried out and found all satisfactory
 Testflight to carry out by the owner when pick up

Carried out by	Date	Work order	Inspection	Num. of sheets :
ASH Teuge		81-419V	R. de Boer  	Sheet no. 1

Aircraft type : Piper Twin Comanche
Engine type : 2x Lycoming
Owner : Dormit Timber Industry

Registration : G-AYEY
Serial no. :

Aircraft hours :
Engine Hours : Unknown

Work carried out : During flight LH engine troubles (rpm drop);

All nozzles cleaned.
Flow divider cleaned.
Fuel injector screen cleaned.
Fuel bowl filters cleaned.
Run up carried out and found LH engine o.k.

Carried out by	Date	Work order	Inspection	nr. of sheets
A.S.H. M. Hindriks	10-07-'81	81-609V	R. BEBODE 	Sheet no. 1

Date	No. of Flights	Flight Time		Total Since Manufacture		Engine Cycles	I hereby certify that the inspection/overhaul/spare/replace with the requirements of <u>British Civil Airworthiness Requirements</u> Particulars of Maintenance and Other Work Carried Out on
		3 h	m	4 h	m		
1 1981	2						
Total of				1955	20		
22 Oct		2	30	1957	50		
24 Oct		3	20	1961	10		
Total of				1961	10		

the Aircraft

Signature
Authority
Date

LOG BOOK CERTIFICATE

Ref. No. RY1639

R.G.V. (AIRCRAFT SERVICES) CO.

STAVERTON AIRPORT, CHELTENHAM, GLOS. GL51 6SP

The Annual inspection carried out to the L1011 schedule at
1961, 10 hours

They removed the fuel tank openings, valves and the 26343-000 Bolts F3230
on left & right side. Rep after PSL 595 rps.

Left & right systems repaired for compliance with AD 77-09.01 and PSL 595

When after critical inspection of pilot's control system
Detailed inspection of disturbed control system

Left & right main control system repaired
Aircraftman Division satisfied at inspection

77.03.01, 79.12.01

Upper Service Letters satisfied with 84330, 850, 895, 875, 601
logbook entry completed
CAA AM 73 completed with
Full details held at RY1639



1402100

19. 1. 82

LOG BOOK ENTRY

A/C TYPE/AIRFRAME S/NO	REGISTRATION G-AYZY	ENGINE TYPE
		SERIAL NO.

Ref: EXE/ZY/32/83

Date: 29 April 83

EXE

INTERNATIONAL

EXE International Ltd
 Building 45, Trench Works
 Great Wymondley, Cambs, Cambs
 Tel: 0431 2201 9979
 Telex: 42445 EXINT G

The following work has been carried out on the above Aircraft/ENGINE Radio Station

Annual check carried out i.a.w. CAA/LANS/FW/1978 issue 1
 Ground Checks to Sections 7 & 8 Satisfactory.

CERTIFICATE OF COMPLIANCE

I hereby certify that the inspection/Overhaul/Repair/Replacement/Modification specified above have been carried out in accordance with the requirements of Chapter 44.3 of British Civil Airworthiness Requirements.

Signed *A. Hill* Approval/Licence No. 13196 Date 29-4-83

NOTE: This certificate constitutes a Log Book Entry and must be fixed in the appropriate Log Book.

Signature
Authority
Date

50hr/100hr/Annual Check has been completed
 to my satisfaction at total airframe hours
 Maintenance Schedule Ref CAE/1000/PW/100
At [unclear]

Signature [Signature] Date 16-5-83 Authority 1001153
 Airframe [Signature]
 Engine [Signature]
 Radio [Signature]

TT 196140

Further Details held under file Lot
 ex/27/22/82

[Signature] 1001153
 16-5-83

PAR 20 77-13-21 certified with 1000 replaced.
PAR 20 82-07-03 and 200 units at certified
 Power 1035 TIME 33:00

PAR 20 83-11-05 (PAR 58.750) 5000 units

[Signature] 1001153
 2-11-83

ment/modification specified in Column B below has been carried out in accordance
ments Chapter A4-3

the Aircraft

23

Signature
Authority
Date
7

1000hr/Annual Check has been completed
to my satisfaction of total airframe hours
Maintenance Schedule Ref: 1011/1011/1011

Item	Date	Authority
Airframe	27-7-84	11555 ATC
Engine		
Prop		

~~TT~~ 1961:40

PART OUTBOARD FUEL TANK
REPLACED AND WAS 11555 ATC 446/84
(CSE) FUEL FLOW CALIBRATED out
37.1 GPH

~~11555~~
27/7/84

Date	No. of Flights	Flight Time		Total Since Manufacture		Engine Cycles	I hereby certify that the inspection/overhaul/repair/replace with the requirements of British Civil Airworthiness Rules Particulars of Maintenance and Other Work Carried Out on
		h	m	h	m		
1	2	3		4		5	6
Total of.		1961:40					
		FERRY FLIGHT EXETER, DAWN UK 36.00 HRS					
		to NANCY, Ind U.S.A. 36.00 Pilot: 15 th August 1984					
		15/AUG/84 36:00					
		1997:40					
Total of.							

ment/modification specified in Column 8 below has been carried out in accordance
ments Chapter A4-3
the Aircraft

Signature
Authority
Date
7

SEE
NEW LOG
#4



REPLACE ELT BATTERY BY:

MAY 28 1986

#4

AIRCRAFT LOG
AL-12P

N^N1111DS

Aircraft Log TABLE OF CONTENTS

SECTION SEQUENCE	DESCRIPTION OF SECTION	PAGE NUMBER
1st SECTION	AIRCRAFT DESCRIPTION	1
2nd SECTION	INSTALLED EQUIPMENT	1
3rd SECTION	MAJOR ALTERATIONS	3
4th SECTION	LIFE LIMITED PARTS OR OVERHAUL REQUIREMENTS	5
5th SECTION	AIRWORTHINESS DIRECTIVE OR FACTORY BULLETIN COMPLIANCE RECORD	9
6th SECTION	ALTITUDE & STATIC SYSTEM CHECKS [FAR 91.170]	17
7th SECTION	RADIO AND ELECTRONIC CHECKS	19
8th SECTION	MAINTENANCE RECORD [FAR 43.9]	29
9th SECTION	INSPECTION RECORD [FAR 43.11-91.217]	43

AIRCRAFT DESCRIPTION

MANUFACTURER <u>PIPER</u>	MODEL <u>PA-39</u>	DATE OF MFG. <u>3/16/71</u>
SERIAL NUMBER <u>PA 39-89</u>	REGISTRATION NUMBER <u>N111DS</u>	
REGISTERED OWNER <u>UNIVERSAL PRODUCTS</u>		
STREET ADDRESS <u>645 HELKE RD</u>		
CITY, STATE, ZIP <u>VANDALIA OHIO 45377</u>		
OPERATOR _____		
STREET ADDRESS <u>SAME</u>		
CITY, STATE, ZIP _____		
REGISTERED OWNER _____		
STREET ADDRESS _____		
CITY, STATE, ZIP _____		
OPERATOR _____		
STREET ADDRESS _____		
CITY, STATE, ZIP _____		

Inspection Status

(Check one)

- F.A.R. 91.149 ANNUAL/100 HOUR
- F.A.R. 91.71 PROGRESSIVE
- F.A.R. 91.217 SUBPART D
- F.A.R. 135.60 A.T.C.O.
- OTHER

DATE ENTERED _____

MAINTENANCE RESPONSIBILITY

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
11-10-84	1997.40	NA 44 STARTED THIS DATE FOR AMERICAN ENTRIES & STATUS.	
		1. P/W AID. 74-13-03 STAB. Bolt PAR (V) I.A.W. S/L 667A & 772 Replaced bolts with STAINLESS STEEL PH 502-342.	
		2. C/W AID 74-14-08 AFT Bulkhead PAR (V) I.A.W. S/L 677 (DUE) 2092.4 TT No cracks detected this date.	
		3. AID. 77-08-01 Aft. Spac I.A.W. S/L 787 & 801 (DUE) @ 2061.1 TT	
		4. AID. 77-13-21 L/Gear collapse I.A.W. S/L 282A PAR (A)(V)(C)(D) C/W this date PAR (B) Inspection okay, PAR (A) (DUE) 2714.2 TT PAR (B) Replacement (DUE) 2461.4 or 5/16/86, PAR (B) Inspection (DUE) 9-13-85	
		5. C/W AID. 79-12-08 PAR (A) I.A.W. S/L 851 Part 'A' checked okay (DUE) 2047.4 or when subjected to freezing before flight	
		6. AID. 79-20-10 Aft. Nave Rib PAR (A) I.A.W. S/L 850 PAR (B)(V)(A)(C)(D) (DUE) 2061.1 TT	
		7. C/W AID. 83-10-01 PAR (A)(V)(2) checked okay PAR (B) I.A.W. S/L 589 Inspection Revealed complied with Person unknown, Installed placard I.A.W. PAR (D); PAR (A)(V)(2) (DUE) 2047.4 TT	

← CONTINUED →

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
11-10-84	1997.40	Continued From Previous Page →	
		8. A.O. 82-07-03 Heater Pack (Due) AT Heater Hobbs 441.0 Airframe II 2461.4 or 5-16-85	
		9. FLT Battery Replacement (Due) May 28, 1986 —	
		10. Resafined All Flight Control Cables To New Buckles with Pipe Clamps	
		11. Replaced left main tire & Balance -	
		12. Replaced nose wheel bearings & Races.	
		13. Checked Aircraft for Compliance with T.C. # AIEA Rev. # 11	
		14. Aircraft Equipment List Verified Against Installed Equipment With Current Weight & Balance for Same.	
		15. Flight Manual Supplements Per STC SA 816 EA W.A.I. 503 B 5-7-70 And STC SA 848 EA W.A.I. -PT 10-22-70 Installed In Existing Flight Manual.	
		16. Checked A.O. Clearance to 84-15. END	
		17. Installed Propellers This DATE Left Eng 3/4 BG 3141 Right Eng DP 3141 See Respective Engine Log books for Entries,	

Tick Time 1997.40 ~~1997.4~~
 I certify that this aircraft
 has been inspected in accordance
 with an Annual inspection
 and was determined to be in an
 airworthy condition.
 Signed [Signature]
 Date 11-10-84

MAINTENANCE RECORD

F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
11-11-84	1997:40	INSTALLED RYAN STORMSCOPE WX-8 DISPLAY SN R8D06400026 ANTENNA SN R8A06400026	SEE 337 DATED 11-11-84 FOR DETAILS NEW EMPTY WEIGHT 2563.75 LB NEW EMPTY WT. CG 84.86" NEW USEFUL LOAD 1036.25 LB J. J. TROY ACP 1637490
11/20/84		In accordance with Federal Aviation Regulations Part 21.183(a) a Standard Airworthiness Certificate has been issued for N111DS. John J. Troy, ACE Ventura M100	
1-24-85	7:00 hrs	Main & RET	
TOTAL TIME	2004:40		

MAINTENANCE RECORD

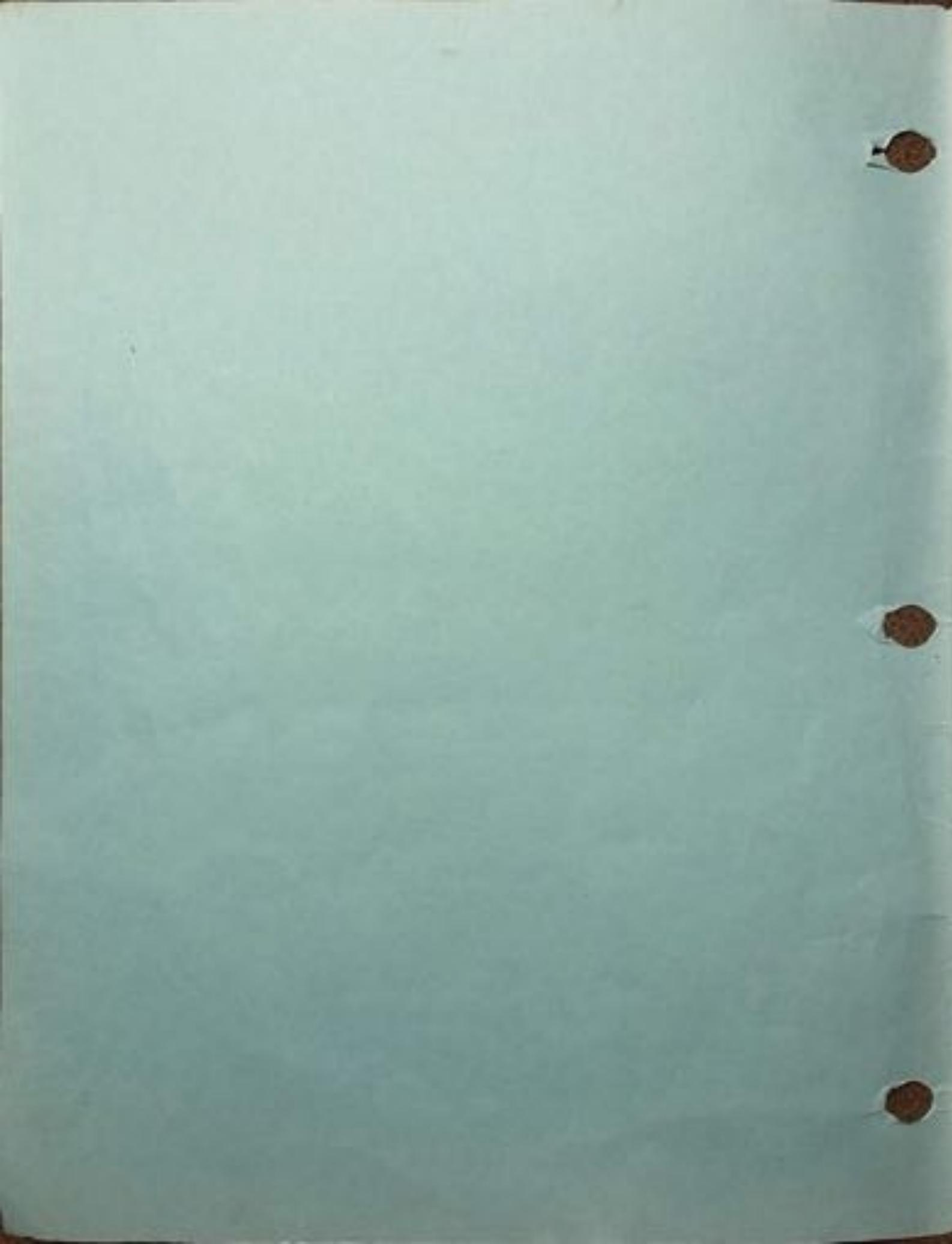
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED / RETURNED TO SERVICE	DATE OF COMPLETION	AIR	
2-12-85		Installed Prop Hub for BG 34000 on Left Engine and Installed Prop Hub for BG 3795 on Right Engine. Painted and installed Alcohol Boots on Both Propellers. See ENGINE LOGS FOR AD NOTE TIME LIMITS	Robert J. Seidenman MS 1872667 Mechanic			
2-18-85	2004.40	HOBBS METER INSTALLED - TIME 000:00				
6-19-85	2063.1	HOBBS METER TIME 58.7 SEE AD LOG SYSTEM THIS DATE FOR FURTHER MAINTENANCE RECORDS	Michael Stender 152-50-3887			
		<u>NOTE.</u> REGISTRATION # CHANGED TO N-110LH				



THE
adlogTM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AIRFRAME
MAINTENANCE
RECORDS**



AIRFRAME MAINTENANCE RECORDS

Log No. 5

Aircraft Registration No. N-110LL

Aircraft Mfg. PIPER Model PA-39-CR Serial No. 39-89

RIGHT Engine Mfg. LYCOMING Model L10-320-BIA Serial No. L-200-66A

LEFT Engine Mfg. LYCOMING Model 10-320-BIA Serial No. L-4643-55A

Propeller Mfg. HARTZELL Model HCE2YL-2BLS Serial No. BG-3995

RIGHT Hub Design No. _____ Hub Serial No. 23351

Blade Design No. J-7663B-6Q

Blade Serial No's

B-79740

B-79717

Propeller Mfg. HARTZELL Model HCE2YL-2BSF Serial No. BG-3400

LEFT Hub Design No. _____ Hub Serial No. 15854

Blade Design No. F-7663B-6Q

Blade Serial No's

C-64194

C-66897

(All applicable information must be filled in)

DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	2063.1		TOTAL brought forward from previous page
6-19-85	2063.1	58.7	INSTALLED SHADIN CO. "DIGIFLOW" FUEL FLOW SYSTEM ACORDING TO INSTRUCTIONS PER. STC SA-1431NM WEIGHT CHANGE CONSIDERED NEGLIGIBLE. SYSTEM WEIGHT IS APPROXIMATELY 2 POUNDS WITH 86" ARM. INSTALLED ACORDING TO INSTALLIATION OPTION #1, (REMOVAL OF THE OLD SYSTEM COMPLETELY) CHECKED FOR LEAKES, GROUND RUN FOR SYSTEMS OPS CHECK - O.K. Mike Stender 152-50-3887
8-6-85	2069.0	64.6	REMOVED RIGHT TRANSDUCER AND REPLACED WITH NEW TRANSDUCER SER# 48754 OPS CHECK OK Mike Stender 152-50-3887
9-3-85	2075.1	71.5	REMOVED LEFT & RIGHT AILERONS, REMOVED AILERON SKINS LEFT & RIGHT, STRIPED PAINT AND REMOVED MINOR INTERNAL CORROSION, ACID ETCHED AND ALODINED BOTH AILERONS, ZINK CHROMATED AND INSTALLED PIPER KITS #760-914 & 763-893. ASSEMBLED BOTH AILERONS CHECK TENSION AND RIGGING AS REQUIRED, TEST FLIGHT OK, MAKE ENTRIES IN A.D.'S Mike Stender 152-50-3887
9-27-85	2108.9	102.3	REPLACE BRAKE LININGS BOTH LEFT & RIGHT SIDE, BLEAD BRAKE SYSTEM, SERVICE BATTERY, LUBE LANDING GEAR, REMOVE FUEL STRAINERS AND CLEAN Mike Stender 152-50-3887

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			
10-15-85	2113.3	109.7	INSTALLED NOSE LANDING GEAR TIRE, SIZE 15X6.0-6 GPR., REPLACING SIZE 6.00-6 PR. IN ACCORDANCE WITH S.T.C. # SA180650. SEE BACK OF LOG BOOK FOR S.T.C. AND 337. _____ Michael E. Stender 152-50-3887
1-6-86	2143.3	139.7	PERFORMED 100 HR. INSPECTION. REPLACED BATTERY WITH NEW REBAT R-35. REPAIRED WHEEL BEARINGS. REMOVED JANITROL HEATER FOR OVERHALL, REINSTALLED HEATER, REPLACE HEATER FUEL PRESSURE REGULATOR WITH NEW AND DPS CHECK, O.K. REPLACE LANDING GEAR DOOR HINGES, + REPAIR DOORS AS REQUIRED. BLEED BRAKES AND PERFORM RETRACTION TEST. CHECK E.I.T. REPLACE LANDING CENTRAL AIR FILTER + GUARDER FILTERS. ADJUST LANDING GEAR WARNING HORN MICRO SWITCHES. REPAIRED AFT BULKHEAD ASSEMBLY I.A.W. PIPER. S/L 679 AND A.D. 74-16-8. C/W A.D. 77-13-21 BY INSPECTION PER PARAGRAPH B, DUE AT 5/16/86. C/W A.D. 79-12-8 PART A. + A.D. 83-10-1 PAR A (1+2). JANITROL HEATER A.D. 82-7-3 C/W PAR. E INSPECTION PERFORMED I.A.W. PIPER INSPECTION REPORT # 230-209 — Mike Stender 152-50-3887
SUB-TOTAL this page			
2143.3			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
	2143.3		TOTAL brought forward from previous page
Date: 1/6/86			Date: January 6, 1986
I certify that this (AIRFRAME)			I certify that this (AIRCRAFT)
has been inspected in accordance			has been inspected in accordance
with an (100 HR INSPECTOR) inspection			with an (ANNUAL) inspection
and the equipment is in airworthy			and was determined to be in airworthy
condition.			condition.
Total Time Service 2143.3			Total Time Service 2143.3
Total Time Tach 139.7 HOURS			Total Time Tach 139.7 HOURS
A & P 152-50-3887			A & P 2072558 IA
Signed: Michael Stender			Signed: Stephen J. Demaschek
			for Safety Report due -
			Smear N.J. Ref W0-861
I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.417 HAVE BEEN PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX E.			I CERTIFY THAT THE ALTIMETER AND STATIC SYSTEM TESTS REQUIRED BY FAR 91.417 HAVE BEEN PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX E.
THE ALTIMETER WAS TESTED TO 20,000 FEET			THE ALTIMETER WAS TESTED TO 20,000 FEET
Date: 1/17/86			Date: 1/17/86
Signed: [Signature]			Signed: [Signature]
CS 103-25			CS 103-25
			I CERTIFY THAT THE A/C TRANSPONDER TEST AND INSPECTION REQUIRED BY FAR 91.419 HAS BEEN PERFORMED IN ACCORDANCE WITH FAR 43 APPENDIX F.
			Date: 1/17/86
			Signed: [Signature]
			ADDITIONAL ELECTRONICS INC. CS 103-25
6-27-86	2206.1	201.5	OVERHAULED ENGINES INSTALLED THIS DATE, SEE ENGINE LOGS FOR DETAILS Mike Stender 152-50-3887

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
	2206.1		TOTAL brought forward from previous page
7/10/86	2226.9	222.3	INSTALLED NEW NARCO E.L.T. BATTERY DUE AT 3/29/88, REPAIRED ALTERNATOR FIELD LEAD LEFT ENGINE, CHANGED TIRES LEFT & RIGHT MAIN GEAR WITH MCREARY 6.00-6 GPLY TIRES AND REPLACED BRAKE LININGS L & R * RETURN TO SERVICE Mike Steiner 152-30-3387
10/19/89	2293.6	209.0	The Following Airworthiness directives were found issued against this airframe and were complied with or were found to have been previously complied with. AD 70-22-2 Fuel selector valve N/A valve std type AD 71-12-05 Electric trim switch / previously complied with 4 bolts AD 74-13-01 Stabilator torque tube / previously complied with 4 bolts AD 74-13-02 Stabilator attach bolts / previously complied with 4 bolts 11/8/89 AD 74-16-08 an AFT bulkhead Assy inspection / permanently complied with per installation of Kit # 700 787 11/8/89 no further special inspection required AD 75-27-08 Torque tube bearing Fittings / service bulletin 487A complied with 4 bolts AD 76-18-05 Forward Fin Attachment / permanently complied with thru kit installation per service letter 777 8/24/76 AD 77-08-01 Airframe spar cracks / permanently complied with 7/6/85 Kit 760 914 installed, no further special inspection required AD 77-09-10 Electric trim switch / previously complied with per 40 587 on 5/20/77 cont. next page.
			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
10/08/29	2293.6	289.0	AD 77-12-21 Annual landing gear collapse/completed with per service bulletin #782A. all parts re-buried or replaced. bungees replaced this date, due ca 500 hrs or 2 yrs (10/92) complete inspection due ca 1000 hrs. due again @ 3293.6. AD 78-12-07 Fuel select valve N/A Fuel valve 2/N. AD 79-12-08 Fuel select valve completed with at this time, due ca 50 hrs, next due @ 2742.6 or per AD 851 part A10 AD 79-20-19 Incorporation of Piper kit 763893 / previously completed with 9/1/85 thru installation of kit #763893 AD 82-22-0181 Placed near Fly select / N/A no Retention Kit installed. AD 82-10-01 Water and Fuel system inspection. due ca. 50 hrs. Completed @ this time; next compliance due @ 2742.6 or. Completed with and placarded per part D. of 816 851 AD 83-15-03 Lower spar cap inspection. Previously completed with per service bulletin # 751 on 5/16/82. AD 85-02-05 Piper plv 810-02 placard installation. N/A per letter issued from FAA Atlanta Aircraft Certification office. AD 85-5-4 stroke tube / area found previously modified per AD instructions. AD 84-26-2 Piper Induction Air Filter N/A Druckelt Foam Filter installed. AD 82-7-3 Tantal Heater / Heater o-handled AD con-timed by Aircraft Heating and electric ARJ # 401-190 inspection due @ 500 hrs heater time or 24 calendar months @ 10/91 per paragraph D/E heaters hold meter presently @ 440.2 0 3M11 AD 74-25.0 United Actuator (United Instrument corp) N/A per 8210101 AD 86-01-06 Airline Van Pump N/A Pump Serial #2
			Z. H. [Signature] ADP 412020524

SUB-TOTAL this page

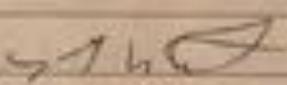
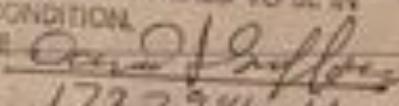
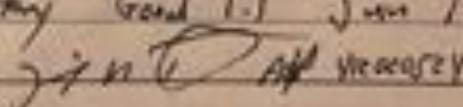
TOTAL—Carry forward to next page

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			
10/19/89	2293.6	289.0	<p>Install Inflatable door seal per STC SA838WB Form 327 Filed.</p> <p>Battery box modified per STC SA40984M. Form 327 Filed</p> <p>Shimmy damper kit installed per STC SA634NB Form 327 Filed</p> <p>One piece windshield installed per STC SA83566. Form 327 Filed</p> <p>Replace Gyno Filter, clean Fuel screens & selector valves, Install new time Jambrel heater. Install new battery.</p> <p>Lube all Flight controls. Install 4 overhauled Fuel cells, Replace all rollers and bolts on Flaps, Install overhauled Flap motor. Install overhauled Fuel boost pumps.</p> <p>Strip, inspect, & repaint all landing gear apparatus & re assemble with all new bolts, nuts & bushings & grease.</p> <p>replace flexible brake lines, replace & repack all wheel bearings with new nuts, replace gear roller a/cet cords, perform gear retraction & emergency extension tests, overhaul also struts & replace strut return pins. Install overhauled turn coordinator & artificial horizon, Install new sandblast air filter kit, CLT Battery good til. 4/91 Aircraft external I.D. Plates found in place per D.E. A/FAR.</p> <p>I certify this airframe has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition.</p>
10-19-89	2297.6	289.0	<p>I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p>SIGNATURE <i>James D. Buffum</i></p> <p>NO. 1727986 TA</p>
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
<p>I certify the altimeter and static system tests and inspections have been performed and found to meet the requirements of FAR 91.171.</p> <p>Static System test date <u>12-21-89</u> Altimeter tested to <u>20,000</u> feet Left Altimeter S/N <u>00438</u> date <u>12-15-89</u> Right Altimeter S/N <u>N/A</u> date <u>N/A</u></p> <p>Signed <u>Dan Oldham</u> <u>RS# VZ63368K</u> <u>Stevens Aviation</u> <u>"BNP"</u></p>			
<u>6/20/90</u>	<u>2394.4 TT</u> <u>2399.7 RA</u>		<p>AD 79-12-28 Fuel select valve inspected per stc 251 part A66 due ca. 50 hrs. due next @ 2399.4 TT / 2304 mly.</p> <p><u>2394.4 TT</u> <u>2302.20</u> AD 83-18-05 water in fuel system inspection due ca. 18 hrs. due next @ 2344.1 TT / 2302 mly.</p> <p><u>7-16-90</u> <u>AAP 412020524</u></p>
<p>November, 1985</p> <p>Piper Twin Comanche H110LL S/N 39-01</p> <p>The interior materials (fabric; headliner; leather; carpet) in this aircraft meet FAR 25.853(b) specifications.</p> <p>Palmer Airotive Ltd. Municipal Airport Wellsville, NY 14895</p> <p><u>Gregory K. Palmer</u> Greg K. Palmer AAP CA54455A</p>			

SUB-TOTAL this page

TOTAL—Carry forward to next page

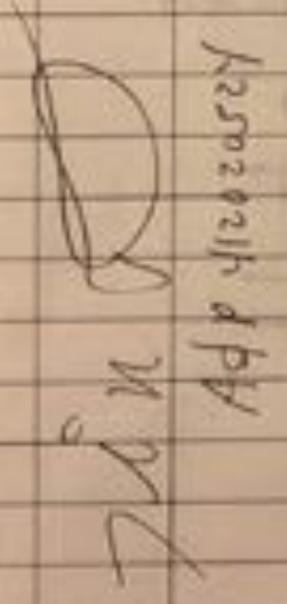
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
11/7/90	2363.2 ^{TT}	358.6	<p>100 hr inspection</p> <p>AD 79-22-08 Fuel select valve inspection/checked per stc 851 part A60 due ea 50hrs. due next @ 2403.2 TT / 408.6 msh</p> <p>AD 82-0-01 water in Fuel system inspection/inspected, due each 50 hrs. due again @ 2403.2 TT / 408.6 msh</p> <p>ELT Batt good til 9/91 / Nightstar altimeter inspections good til 12/91</p> <p>Temtral Heater fine 448.9 Heater Hells .6 smth, due for inspection per AD 82-0-2 @ 490.9 msh Hells or 11/91.</p> <p>Replace lower outboard land mount on #1 engine.</p> <p>Replace all brake pads. Repair & repack nose wheel bearings.</p> <p>Service battery & charge. Run heater & check ok.</p> <p>Check all Flight controls. Perform gear retraction test & take all landing gear fittings.</p> <p>I certify this air-frame has been inspected in accordance with a 100hr inspection and was determined to be in airworthy condition.</p> <p style="text-align: right;">  APP 91020524 </p>
11/7/90	2363.2	358.6	<p>I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN AIRFRAME INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p>SIGNATURE </p> <p>NO. 1722746-101</p>
6/26/91			<p>Replace ELT Battery Good Til June 1992</p> <p style="text-align: right;">  APP 91020524 </p>
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		
9-16-91			<p>Install and/or removal Avionics Components As listed in Minor Alteration Form-Cite <u>9-16-91</u> Work Order No. <u>2425</u> or No. of National Jetronic. <u>Approved w/ P. Stomberg, NRTS 808, MT-226-4</u> New Aircraft Empty Weight <u>2576.7</u> New Aircraft EWCG <u>2576.7</u> <u>NRTS 808, Installed NRTS-24, KR-PTADK, Inc. com Stomberg</u> New Aircraft OEW/OW <u>2576.7</u> Signed by <u>Harry D. Stomberg</u> and <u>J. M. Merson 6111 from L. Line</u></p> <p>NATIONAL JETRONICS 10 TERMINAL DRIVE EAST ALTON, IL 62024 FAA Approved Repair Station No. M67020B</p>
4/13/92	2524TT	579.44Hr	<p>AD 77-13-21 Gear Inspection per Piper slt 7820 Complete inspection per slt 7820 due on 1000 hrs. Last performed @ 22926 TT due again @ 32926 TT. Engine cowl inspected, but to be replaced on 500 hrs or 3 yrs. Dampers lat replaced @ 26926, due again @ 27926 or 10 yrs.</p> <p>AD 74-18-08 Fuel Select Valve Insp. Inspected and tested per Piper slt 851. Due on 50 hrs. Next due @ 2574 TT 569.44 hrs</p> <p>AD 83-10-01 Water & Fuel system inspection. Inspected per slt 851, due on 50 hrs. Next due @ 2574 TT 569.44 hrs</p> <p>AD 82-07-03 Jantrol Brake Inspection. Tested per O-1401 manual Instruction 2485-1. Due on 100 hrs. brake time or 24 hrs. Brake Bells 4470 due again @ 5428 Brake Bells or 4/01.</p> <p>External I.D. Mats Jam in place.</p> <p>Check Drones, Replace Vacuum system Intake Filters & Van. regulator Filters, Replace Heater Combustion blower motor brushes, Piper cracked left outboard engine bottle, Replace air Filter elements, Take all flight controls, 100 hr inspection performed using Piper Twin Comanche Service Manual Table II-1 inspection reports (Est. Cdt. said 4/1 June 92)</p> <p>I certify this Airframe has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition.</p>

SUB-TOTAL this page

TOTAL—Carry forward to next page

7766
Ad 1 480005 24

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			
4-12-92	2574	519.4	ANNUAL INSPECTION COMPLETED THIS DATE. I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. SIGNATURE <u><i>Gene Sheffels</i></u> NO. <u>1727996 ZA</u>
5/22/92	2529	5244	Install Upport. Speed Faying Kit per S.T.C. SA 310550 installation instruction manual. Form 337 Filed. <i>J. W. Sheffels</i> AIP 4202022Y
6/1/93	2650.6	6540	AD 71-12-21 AD 71-12-21 Landing Gear Inspection. Complied with A2 per Service Letter # 782A. Due on 100 hrs. Next inspection due @ 3650.6 TTAF. New Dungee chords installed at this time; due on 500 hrs or 3 yrs. whichever occur first. Next Dungee replacement due @ 3150.6 TTAF or 6/96.
			AD 79-2-08 Fuel System inspection. Complied with per service letter 782A #851. Due on 50 hrs. Next due @ 2700.6 TTAF
			AD 82-11-01 Fuel System Inspection. Complied with per AD Instruction. Due on 50 hrs. Next due @ 2700.6 TTAF.
			AD 8207-03 Jantrol Heater Insp. due on 100 hrs heater time or 24 mo. last complied with 4/82 @ 4970 heater hrs.
			Heater hrs time correctly @ 5150. Inspection due 4/84 or
SUB-TOTAL this page	5470 heater hrs time.		
TOTAL—Carry forward to next page			

DATE	TOTAL TAX IN SERVICE	TAX ON RECORDING METER TAX	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
6/1/93	2658.6	654.0	<p>ADOT-26-2 Paper Induction Air Filters n/a Aircraft Filters installed.</p> <p><i>[Signature]</i> A# 4302424</p>
6/1/93	2658.6	654.0	<p>Replace Rt. Propeller spinner Backplate with serviceable unit. Blind Drive system. Service landing gear per A-pur service letter # 782A. Replace landing gear/transmission. Motor drive unit with O-hooded unit by Walter Aircraft (see yellow tag). Service vlar struts. Service battery. Replace ELT Battery if test, good til May 95</p> <p>I certify this airplane has been inspected in accordance with a 100hr inspection and was determined to be in airworthy condition.</p> <p><i>[Signature]</i> A# 4302424</p>
June 1, 93	2658.6	654.0	<p>Aircraft 100hr completed June 1, 1993</p> <p>I CERTIFY THAT THIS <u>airplane</u> HAS BEEN INSPECTED IN ACCORDANCE WITH <u>AF 100hr</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.</p> <p>SIGNATURE <u><i>[Signature]</i></u> NO. <u>4302424</u></p>
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 - -			
10/1/41	2705.1	700.5	<p>AD 77-13-10 Piper Stabilizer Torque tube Hi-shear rivets installation Found to have been previously completed with per AD 77-23-09.</p> <p>AD 77-13-31 Landing gear inspection previously completed with (see 6/1/41 entry) next due @ 3650.6 TAF or 6/1/41.</p> <p>AD 77-11-08 Fuel selector valve inspection completed with per Piper slt # 871 due on 50 hrs. Next due @ 2755.1 TAF.</p> <p>AD 83-11-01 Fuel system inspection completed with per AD. instructions due on 50 hrs. next due @ 2700.1 TAF.</p> <p>AD 78-05-06 Gearbox oil No OTC-39 cells installed.</p> <p>AD 81-08-09 Reduced Inertia Circuit Breaker NA was installed.</p> <p>AD 82-07-03 Ventral Combustion heater. Decay test performed on combustion chamber per Ventral Manual. Test manual, attached attached attached Test due on 100 heater hours or 24 mo. Heater hour meter now at 540.0. Next inspection due @ 690 hrs on heater hour meter or 11/90.</p> <p>AD 80-05-02 United Instruments NA per AFM with plr & slt.</p>

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			
11/4/91	2705.1	700.5	<p>Replace combustion meter on gaudral heater with new unit & clean Fuel nozzle & spark plug. perform decay test (normal), test main heater / Replace gas system inlet & regulator Filters, service landing gear struts with MIL-8086 Hyd Fluid & re pressure with nitrogen. Replace Cleveland brake calipers, rotors, & wheels on both main landing gear with Factory new units. Replace Rt main tire & tube with new boggy gear 500x6 Flight System. Install new Cleveland main gear wheel brace landing gear & perform gear retraction/extension/emergency extension tests. Look at Flight controls & Flap rollers. Clean Fuel Filters, ELT Duff used til May 95. Replace entire exhaust system with overhauled pipes on both engines (see repair release) & using new exhaust jackets. Aircraft inspected per Air Service Manual check list</p> <p>I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.</p> <p style="text-align: right;"><i>M. D. [Signature]</i> Aircraft Inspector IA</p>

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			
2/1/96	2767.6	763	AD 77-13-21 Piper (To Permit Landing Gear Collapse) due @ 3182.6 TT or 6/96 whichever occurs first AD 79-2-28 Fuel Selector Valve insp. Complied with per Piper'sk 851 due on 50 hrs next due @ 2817.6 TT AD 82-2-21 Fuel system inspection. Complied with per AD. Indradime due on 50 hrs next due @ 2817.6 TT AD 87-107-23 Jantrol Fueler inspection. Decay test performed per Jantrol Service Manual. No leakage detected during decay test Test due on 100 heater hours or 24 months. Heater holds water now @ 519.0 next inspection due @ 619.0 heater hours or 24 months from this date.
2/1/96	2767.6	763	Repair 28510-00 Main Gear Side frame stud on both main landing gear with fasting new units. Greased brakes & service members. Lube all landing gear fittings. Replace all engine oil carter base with new units. Repair tight Alternator Air door striker. Replace both Firewall to engine Fuel feed lines with new units. Remove Avionics EMI-10 unit & replace with Avionics 217-200 for 200635 at same station using Avionics installation instructions. do not change Cottwood T.T. 3198. Replaced the drive unit & cleaned and serviced with grease & reinstalled. Installed new 6-35 Battery Annual Inspection performed per Piper PA-39 Service Manual checklist. I certify This Aircraft has been inspected in accordance with an Annual Inspection and was determined to be in Airworthy Condition.

SUB-TOTAL this page

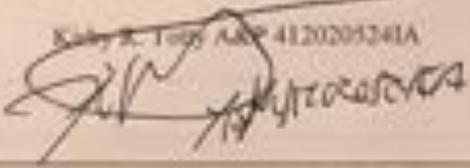
TOTAL—Carry forward to next page

[Signature]
AD 92-12571 IA

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
9/24/96	2797.6	793.0	At 77-13-21 Prevent Landing gear collapse
Heater HR meter		529.0	inspected per par (a). Gear O-hauled to new part spec by CRS REPAIRMEN. All other component within spec set forth in Paper 5/6 TCCA. New hinges were installed per par. (b)
			Next par (a) inspection due in 1000 hrs. @ 2797.6 TT
			Next par. (b) replacement due in 500 hrs or 3 yrs.
			At 79-12-08 Fuel selector valve leakage. Inspected/
			new valve leakage detected. due in 50 hrs. next due @ 2847.6 TT.
			At 79-10-01 Clean & inspect Fuel Valves. Cleaned & inspected. due in 50 hrs. next due at 2847.6 TT
			At 95-20-07 Main gear side brace inspection.
			Installed 2 new Fastway new part 22512-00 stud assys. studs were Type I Fluorescent paint inspected prior to installation. Next inspection due in 1000 hrs @ 2797.6 TT.
			At 76-12-07 Teledyne Continental Magnetos
			Magnetos impulse couplings inspected and found within spec limits. next inspection due in 500 hrs. @ 3297.6 TT
			I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition
			<i>[Signature]</i> APT 22000524 IA

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			
5/7/98 820.3 Hour Meter 2824.9 Total Tim Heater Hour Meter 619.1 Heater Time Since Major O-haul 178.7 Lubricated right tach cable, replaced tach cable core on first stage of right cable, lube throttle linkages clean heater fuel vent, replace nose wheel fabric cover, install new gyro filter, install new O-rings in pilot side brake actuators, bleed-brakes, clean nose compartment, install 2 new main landing gear tires and tubes, repack all wheel bearings, install new placards on fuel tanks, replace fuel strainer drain hoses, replace 3" seat hose in aft compartment, adjust landing gear uplock switch, perform landing gear retraction test, replace fuel selector panel label, check and reset all flight control cable tensions as needed. Perform Airworthiness Directive Review Using Avantext Inc. Database Update 98-09. All Airworthiness Directives were either complied with, found to have been previously complied with or did not apply as appropriate. (See separate listing in rear of this logbook). I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.			Kirby & Totty A&P 4120205241A 
5/7/98 820.3 Hour Meter 2824.9 Total Tim Original door hinges removed, single piece continuous piano hinge (MS 20001 P6) installed using MS 27039-0807 screws, AN365-832 nuts & AN960-8 washers, and AN426-AD4 rivets. (See Form 337). Original nose cone modified: original hole in front reshaped with fiberglass, NACA duct with plenum installed, reinstalled using original rivet sizes and pattern. (See Form 337) Knobs 2-1 fit cap and struts installed per 81C SA1462GL. (See form 337)			Kirby & Totty A&P 4120205241A 
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			
6/6/98			Repbre ECT battery good til June 2000. J. H. [Signature]

THE ACT TRANSDUCING TESTS AND SUBSEQUENT TESTS WERE PERFORMED IN PARAGRAPHS 1 THROUGH 4 OF APPENDIX 1.

FAR 91.403 ALTIMETER CHECKED

Altimeter Scale Error Correction Card

Nomenclature: Altimeter Pressure Baro 2892

TEST PILOTS	Indicator Reading at 2500	Indicator Reading at 2500
0	-9.5	-9.5
500	+5	+5
1000	+5	+5
1500	+10	+10
2000	+10	+10
3000	+5	+5
4000	+5	+5
6000	-15	-15
8000	-40	-40
10000	-50	-50
12000	-70	-70
14000	-75	-75
16000	-60	-60
18000	-50	-50
20000	-50	-50
22000		
25000		

Altimeter Position: Pilot Copilot

S/N: _____ Date: 7-2-98

ALL TESTS HAVE BEEN PASSED

J. H. [Signature]

7/7/98

Removed 3/4 Spigots for Repair Aircraft Alacada

J. H. [Signature]

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			
9/15/58	At meter 851.1		
<p>Revised & replaced LA main fuel tank fuel transmitter with overhauled unit from Airports of Cook County—see maintenance Release log. Transmitter with an gasket & seals. Function & level check o.k. Reinstall primary terminal storage after repair—see maintenance release log. Repair & replace Langley gas meter circuit breaker with new. Test o.k. Check & clean fuel services—o.k.</p>			9-7-7 D.J.
<p>AD 79-12 for fuel selector valve chart</p>			AP 215623227A
<p>AD 78-10-01 fuel control valve chart</p>			
<p>AD 78-577—o.k.</p>			

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			
			<p style="text-align: center;">CERTIFIED AIRWORTHY As required by FAR 91.411 and/or 91.413, Performed in accordance with FAR Part 43 Appendices "E" and/or "F"</p> <p><u>2</u> ALTIMETER TO <u>20,000</u> FT. <u>1</u> ALTITUDE REPORTING TEST <u>1</u> STATIC SYSTEM TEST <u>1</u> INTEGRATED SYSTEM TEST <u>1</u> ATC TRANSPONDER TEST</p> <p>AMERICAN AVIONICS, INC. 7023 PERIMETER RD. S. SEATTLE, WA 98108 FAA 66858N</p> <p style="text-align: right;">N110LL</p> <p>WO <u>55025</u> DATE <u>12-2-98</u></p> <p>SIGN <u>Jerry Smith</u></p>
Jan 18, 1999	AUG 301.6	AD 97-01-01 R1	P/N BY AD 97-01-01 - replace studs by/Reconnect by 3824 7 77 inc . A098-25-10 Appendix Belts - A14 - Belts not inserted in ground. 97-9 AD-70 A121562312710

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				
6/10/95	Hr meter	945.7	TT 2950-3	to 6505
<p>Completed Annual inspection the Jet. All annual servicing accomplished. Replace all brake lines with new. Re-wire at main engine with new seals. Replace pressure plate with new 60 wire. Bleed & test - oil. Remove electric boost pumps for repair by Flightcraft PCPR0310. See next Release page. Remove & test with new o-rings on fittings. AD 96-20-07 Fuel oil combustion heater ch by replacing with FAEBBY equivalent PR00035-10L. Heater containing ceramic-coated combustion tube & upstart air switch. No further test needed on it. Replace 244AH main gear retract cables with new. Rig gear per annual Retraction checks ok. C/w AD 77-13-21 Landing gear per (b) by replacement of wear bearings with new per annual. Per (c) Sully 37976 As st. Replace D-rings per (b) 500Ls / 1 year. C/w AD 93-10-04 water & fuel system Per (b) by cleaning & inspection of fuel system. Permit by 995-7 FWA. C/w AD 77-12-01 Fuel selector valve by operational - system per SB 851 - install into o.c. papers by 995-7 FWA. Install Rosemount sensors per STC 54598304, IAW EASA-002 STC installation instructions. Weight and balance change negligible, new starters. EGT operation, security & transmitting strength checked - o.k. I certify that aircraft has been inspected in accordance with an Annual Inspection and was determined to be in satisfactory condition.</p>				
			<p>977 M.D. ✓ Gregory M. Doyon AP 215611287 IA TOSCHAK W.O. 7922</p>	

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			
Sept 15, 1999		Hr meter 982.0	<p>Replace air stabilizer tank separator - 22 tabs bushings with new. Replace air like correct bracket with new. Repair wiring to all alternator C/B/switching by splicing new wire in. All Remounted & test O.K. Replace fuel meter with new.</p>
			<p>9-7-99 M D J AP2156232271A</p>
Oct 12 1999		Hr meter 989.0	
			<p>Remove electric from servo motor. For repair by others. See maintenance before log. Remount & test. For repair - O.K. Replace cabin floor leak cylinder with new. Tighten all nuts that access cover (tank) bolts. Re-mount sending unit mounting screws with new sealing washers. Cont check O.K.</p> <p>9-7-99 M D J AP2156232271A</p>
Oct 20, 1999		Hr meter 993.5	
			<p>Chg AD 83-16-01 water - fuel system by sensor inspection & cleaning. Repair by 2425 hrs. Chg AD 70-12-05 fuel selector operation by inspection for AD - no improvements noted. Remount by 2425 hrs.</p> <p>9-7-99 D J AP2156232271A</p>

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			
11/14/99			Tail (Hr meter) 995-3 Repair RA Air Fuel cell for Appear by continental Fuel cell, etc. See maintenance Release tag Remanet with en gaskets. Test rest o.k. 977 - D-7 ✓ AP2156232271A
24 Jan 00	H0805	999.5	Installed a PS Engineering PM1000 II interface system and interfaced into aircraft wiring. Updated Weight/Balancing AND 9227 AVIONICS SERVICE FPAR 1008m D. J. [Signature]
Feb 9, 2000	Hr meter	1005.4	Revised cockpit. Rth brake (main) estassy with new seals. Re-assembly, bleed + correct brake hydraulic system. Test o.k. Repair wiring at CA alternator output studs; Rth alt main cable relay wiring by soldering. Test o.k. 977 - D-7 ✓ AP2156232271A
July 1, 2000	Hr meter	1052.3	TT 3056.9 Completed Annual inspection this date. All normal servicing accomplished. Repair Main Fuel Pressure gauge for OH (see yellow tag). Repair Rth fuel OH - test o.k. C/W AD 79-12-07 Fuel selector valve by test per part 'A', SB 851. Leakage rate within allowances. Report by 1102.3 hrs. C/W AD 83-10-01 Water/Fuel system by inspection per 'A' - ok. Report 58 hrs. C/W AD 93-12-05 Fuel system (clamps) by inspection per 5030AA. O.K. Reinspect valve. C/W AD 99-14-01 Insurg by monitor of AFM Supplement replace Rth main gear tire with new - Retract o.k. Repair + replace air ducting to co-pilot's window valve in cockpit. - cont -

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
			<p>— cont —</p> <p>Replace starter switch in cockpit with new. TEST O.K. Replace Boost pump overboard drain hoses with new. Replace fuel pressure drain hoses with new. Pack all wheel bearings. Replace OBT battery with new - replace by 8/02. EBT operator, security & transmitting strength checked - O.K. I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.</p> <p style="text-align: right;">9-7-00 M D - W AP2156230271A TTCWA HLE W6 200+20</p>
Aug 17, 2000			<p>Replace RH & LH starter switches with new. 9-7-00 M D - W AP2156230271A</p>
Nov 10, 2000			<p>H. N. H. 1090.6</p> <p>Ch AD 8340-01 water - fuel by Jimmy by injection - O.K.</p> <p>Replace 32 hrs (1140.6). 9-7-00 M D - W AP2156230271A</p> <p>Replace instrument</p> <p>air inlet filter with new (Airbus 0056 - mounted on filter)</p>

CERTIFIED AIRWORTHY
As required by FAR 91.411 and/or 91.413.
Performed in accordance with FAR Part 43
Appendices "E" and/or "F"

2 ALTIMETER TO 20,000 FT.
 1 ALTITUDE REPORTING TEST
 1 STATIC SYSTEM TEST
 1 INTEGRATED SYSTEM TEST
 1 ATC TRANSPONDER TEST mode S
 AMERICAN AVIONICS, INC.
 7023 PERIMETER RD. S.
 SEATTLE, WA 98108
 FAA GE6R558N N110LL

W/O 79539 DATE 12-6-00

SIGN *Stuart P. Champion*

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL FARE IN SERVICE	TICK OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
DEC 18, 2000	41000	Removal	man. 450 pressure gauge for Reg. - Removd after spec. Test ok. guy M Dwyer AP256232271A
8/7/01	41000	1157.2	TT 7161-8
<p>Completed Annual inspection this date per FAR 43 Appendix D. All annual servicing accomplished. Replac old new year tire with new Goodyear Flight Control II 6.00 in. Replac both brake lines with new Regline all brake linings with new. Packed all wheel bearings. Trained all new crew in the new cabin procedures at trailing edge. Tighen actual point on Jaws, A1 & PA. Install cylinder struts on R/Ridge, verify clearance "Long - 9.1050"</p> <p>Replac new battery with new, Call G-1E, for G-01927290, Battery count & charged per manufacturer's instructions. Check AD 79-2-05 Fuel selector, Pt 2 by S.B. 851 Installation. Verify all ok. Report 50 hrs. (1077) of AD 83-10-01, 1-0 per AD - climb & report 50 hrs. of AD 83-10-05 Fuel line & clamps per 50 3920-04. AD 2001-17-03 Babco page N/A - not serviced by Babco. For security, operation & transparency strength checked - ok. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in Airworthy Condition AD's checked through this date.</p>			<p>guy M Dwyer AP256232271A Gregory M Dwyer TICK 1157.2</p>

SUB-TOTAL this page

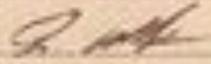
TOTAL—Carry forward to next page

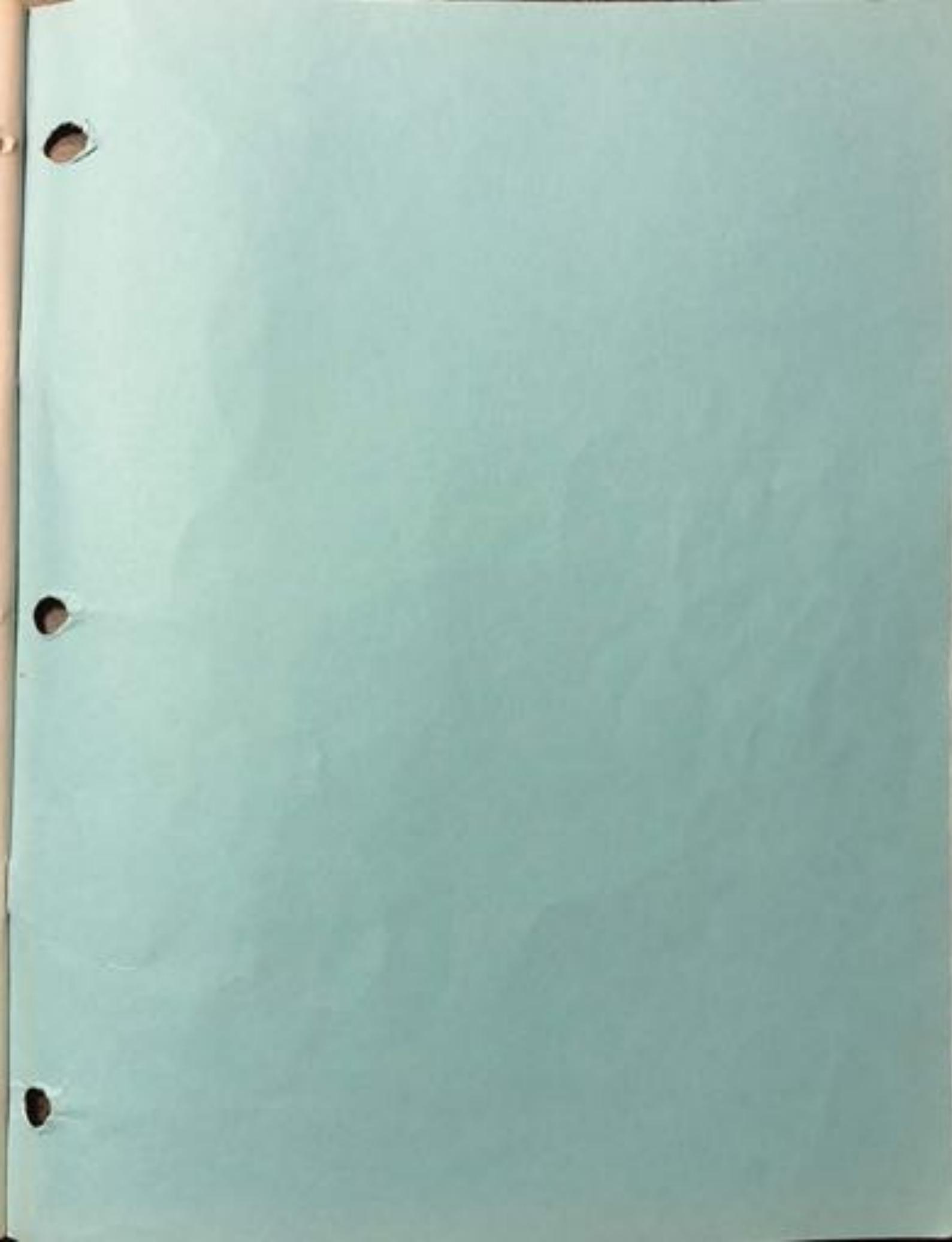
DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METERS TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
July 25, 2003			Removed LEFT ALTERNATOR P/N ALX-8403 S/N 7A000122 DUE TO FAILURE and installed OVERHAULD ALTERNATOR P/N ALX-8521 S/N D070393 NEW ALTERNATOR BELT INSTALLED P/N 37A19773-382 ALL WORK DONE AS PER THE M/M - ERIC WHEATON E. Wheaton 263456676 APPIA TOSCH A/C #2003-43
Hobbs	1249.7		
TFA	3254.3		
NOV 10, 2003			PERFORMED ANNUAL INSPECTION ON AIRFRAME USING CHECKLIST THAT MEETS FAR 43 APPX (D). REMOVED LEFT AND RIGHT M.L.G. TRUNNIONS DUE TO CRACKS AROUND REAR WEBB, BOTH TRUNNIONS REPAIRED BY S&B INDUSTRIES INC LEFT P/N 20752-08 S/N 26-6076 RIGHT P/N 20752-09 S/N 26-6706 REINSTALLED TRUNNION USING NEW STRUT SEALS INSTALLED NEW BUNGEE ARMS P/N AT W 20846-006 RT P/N W 20846-007 INSTALLED M.L.G. ASSEMBLY'S IN AIRCRAFT PER M/M SECTION 7, C/W AD 77-13-21 R1 BY VISUAL INSPECTION OF BOTH M.L.G. BUNGEE CORDS PER PAR (B) NO DEFECTS NEXT INSPECTION 11/04 C/W AD 79-12-08 BY TESTING BOTH FUEL VALVES LEFT FAILED LEAK RATE 1 ⁰² PER MIN REMOVED VALVE AND INSTALLED REPAIRED VALVE ASSY P/N 1H7-7 S/N 712 LEAK RATE 0 ⁰² PER MIN RIGHT PASSED 0 ⁰² PER MIN ADJUSTED BOTH FUEL KNOBS TO INDEX WITH CONTROL VALVES
Hobbs	1266.1		
TFA	5270.7		
			SUB-TOTAL this page
			TOTAL—Carry forward to next page

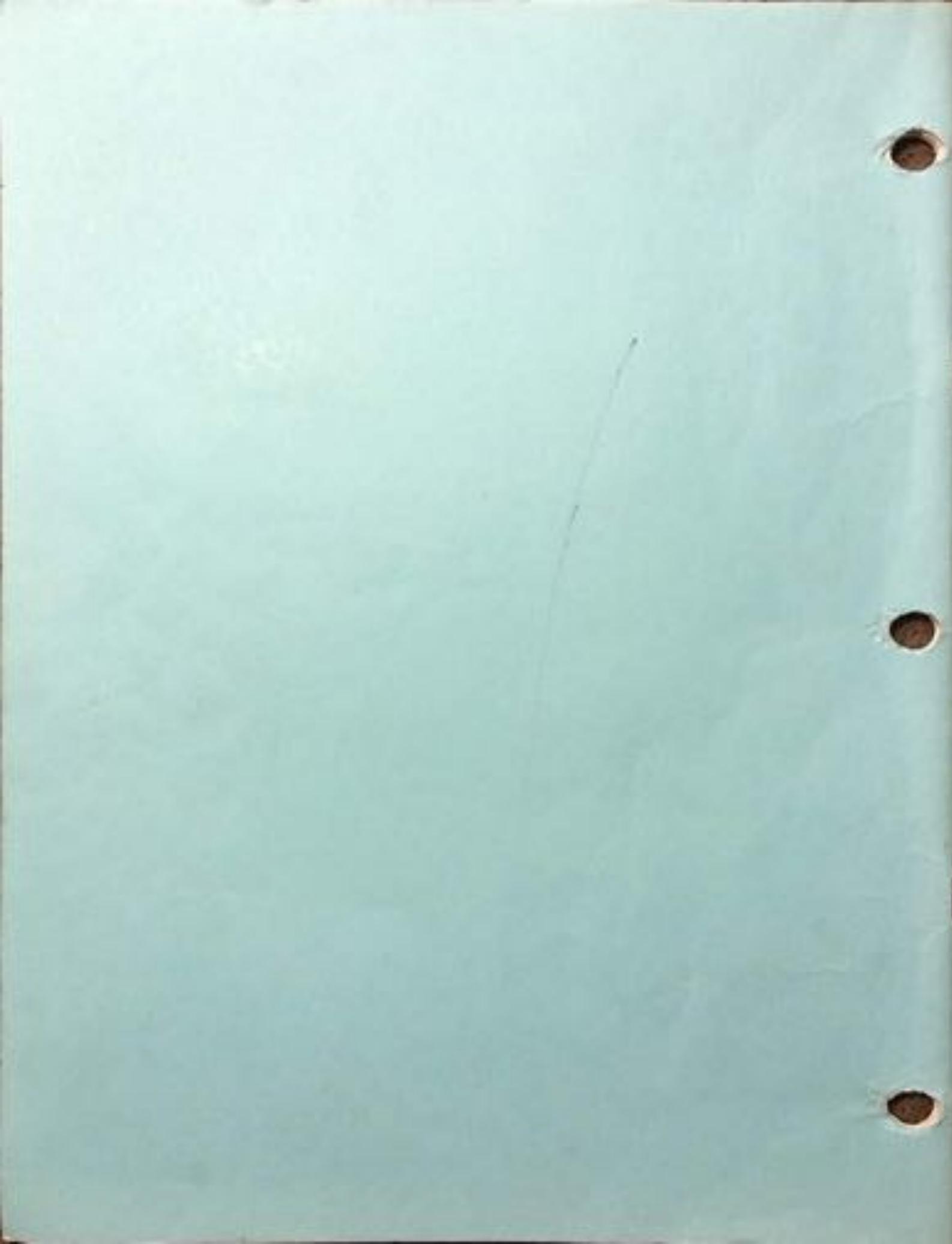
DATE	TOTAL TIME IN SERVICE	HOURS ON RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL Brought forward from previous page			
NOV 19, 2003			NEXT INSPECTION DUE AT 3320.7 JTA
H6665	1266.5		C/W AD 83-10-01 INSPECTED FUEL STRAINER
JTA	3270.7		FILTERS PER PAR (A) NO CONTAMINATION
			NEXT INSPECTION DUE AT 3320.7 JTA,
			INSTALLED NEW MANIFOLD PRESSURE LINE AT
			LEFT ENGINE, INSTALLED NEW LT & RT Prop
			CONTROL Rod Ends P/N 89307-000 AT GOVERNOR
			CHECKED RIGGING PER M/M, REMOVED RIGHT
			ENGINE ALTERNATE AIRBOX DUE TO MISSING
			PARTS, INSTALLED REPAIRED AIRBOX ASSY
			P/N 23810-000, RERIGGED RIGHT AILERON
			PER M/M (COUNTERWEIGHT WAS HITTING WING
			SKIN) REMOVED BIRD'S NEST FROM RIGHT
			WING, REMOVED BEE'S NEST FROM RIGHT
			STABILIZER, RE-RIVETED BOTH ENGINE AIR-
			FILTER BOX LATCH PLATES, INSPECTED AND
			TESTED ELT SYSTEM AS PER FAR 91.207(D)
			BATTERY REPLACEMENT DUE OCT 2004 NEXT
			INSPECTION DUE NOV 2004, INSTALLED NEW
			RIGHT MAIN TIRE FLIGHTCUSTOM III and NEW
			INNER TUBE P/N 092-315-0 NEW INNER
			BEARING & RACE CUP P/Ns 13889 & 13836
			REPACKED WHEEL BEARINGS and REINSTALLED
			PERFORMED LANDING GEAR RETRACTION AND
			EXTENSION TEST PER M/M SECTION 7.
			LUBED ALL LANDING GEAR GREASE POINTS
			LUBED ALL FLIGHT CONTROL HINGES →

SUB-TOTAL this page

TOTAL—Carry forward to next page

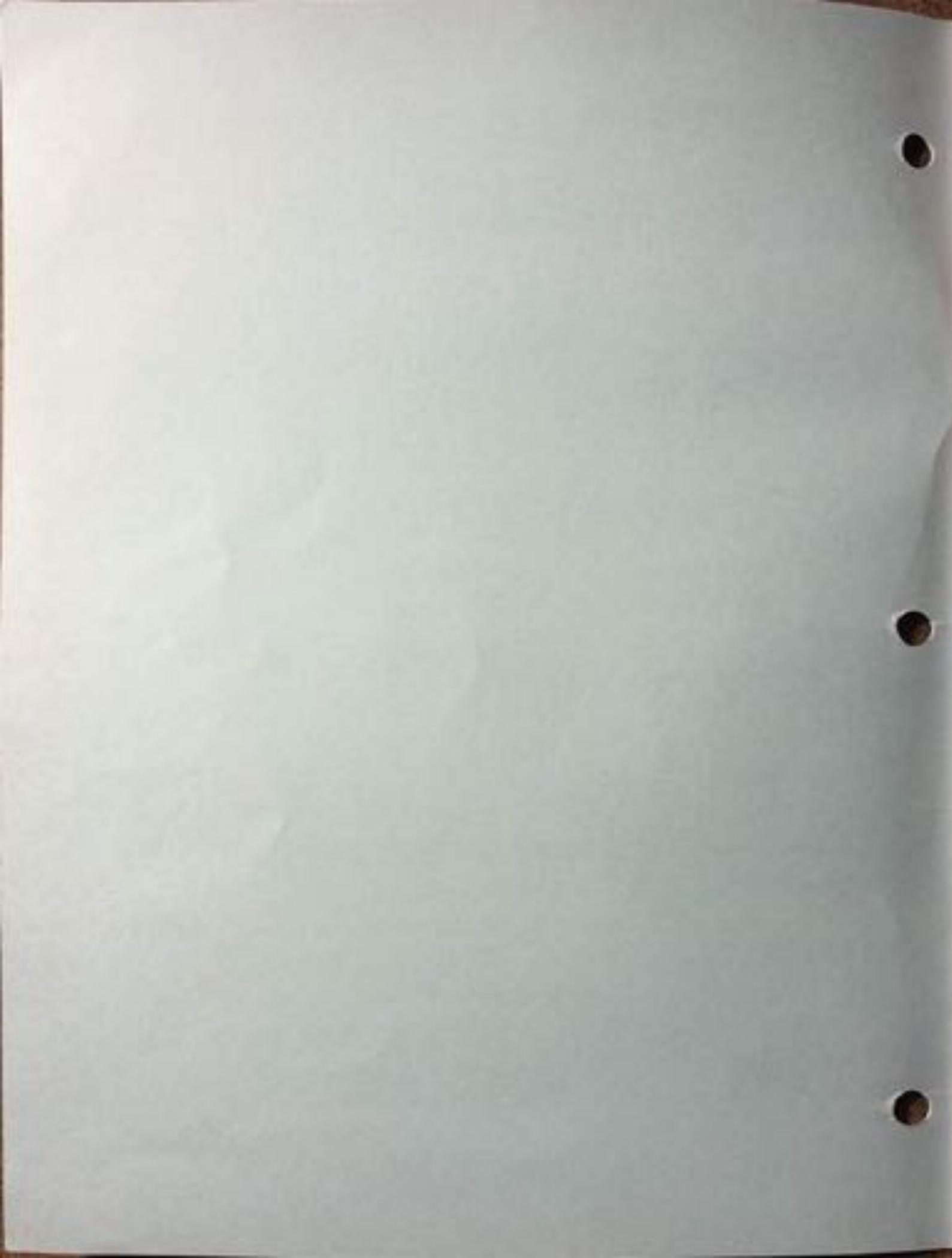
DATE	TOTAL TIME IN SERVICE	TICKS ON RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
NOV 10, 2003			PULLEYS AND BELLCRANKS, MAIN FUEL STRAINER SCREENS CLEANED AS PART OF C/W AD 83-10-01. I CERTIFY THAT THIS AIRFRAME HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION - ERIC WHEATON  263456696 ATP IA TOSH NK REGD NO 2003-58
Hobbs	1266.1		
TTA	3270.7		
DEC 10, 2003			REMOVED BOTH LEFT AND RIGHT FACTORY ORIGINAL STYLE ELECTRICAL FUEL BOOST PUMPS FROM AIRCRAFT, INSTALLED OREGON AIRCRAFT DESIGN FUEL PUMP MOTOR MODIFICATION IN ACC WITH INSTALLATION INSTRUCTIONS 11PA30 REV F 01-05-2001 AS PER STC # SA007865E REVISED WEIGHT & BALANCE FILED 337 FROM ENO. ERIC WHEATON  263456696 ATP IA
Hobbs	1268.8		
TTA	3273.4		
01/23/04			REMOVED NOSE GEAR DOWN LOCK MICRO SWITCH AND INSTALLED NEW SWITCH P/N 487-862 AS PER THE PAPER SERVICE MANUAL, GEAR RETRACTION TEST PERFORMED. ERIC WHEATON  263456696 ATP TOSH A/C W/O 2004-06
Hobbs	1272.8		
TTA	3277.4		
DEC 10, 2004			ENDED AIRFRAME LOGBOOK NUMBER 5 FOR AIRCRAFT N110LL S/N 39-89 ERIC WHEATON  263456696 ATP
Hobbs	1334.4		
TTA	3339.0		
			SUB-TOTAL this page
			TOTAL—Carry forward to next page





THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**AIRFRAME
MAINTENANCE
RECORDS**



AIRFRAME MAINTENANCE RECORDS

Log No. 6

Aircraft Registration No. N110LL

Aircraft Mfg. PIPER Model PA 39-CR Serial No. 39-89

LEFT Engine Mfg. LYCOMING Model IO-320-B1A Serial No. L-4643-55A

RIGHT Engine Mfg. LYCOMING Model IO-320 B1A Serial No. L-200-66A

Propeller Mfg. HARTZELL Model _____ Serial No. _____

LEFT Hub Design No. _____ Hub Serial No. _____
Blade Design No. _____ Blade Serial No's _____

Propeller Mfg. HARTZELL Model _____ Serial No. _____

RIGHT Hub Design No. _____ Hub Serial No. _____
Blade Design No. _____ Blade Serial No's _____

(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

www.adlog.com
PO BOX 1359 / SOUTHOLD, NY 11971-0965
(516) 765-9375
1-800-235-6444
FAX: (516) 765-9359

DATE	TOTAL TIME IN SERVICE	TAXI OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTAL brought forward from previous page			
DEC 10, 2004			NEXT ELT TEST due 12/05, INSTALLED
H6663	1334.4		NEW VACUUM FILTERS P/N's B3-5-1 AND
TTA	3337.0		AAD9-18-1, RESHIMMED RIGHT M.L.G.
			DOOR PUSH-PULL ROD END BRACKET, Lubed
			LANDING GEAR GREASE POINTS, PERFORMED
			LANDING GEAR RETRACTION AND EXTENSION
			TEST PER M/M SECTION 7, Lubed ALL
			FLIGHT CONTROL HINGES, PULLEYS AND
			BOLLCRANKS, INSTALLED 12) NEW BA-4905
			INDUCTION AIRFILTERS, REPAIRED CABIN
			DOOR FUSelage FRAME AT DOOR HOLDER
			By INSTALLING PATCH, INSTALLED 1 NEW
			FWD AND 1 NEW REAR SEAT ROLLERS (SEAT
			TRACK) 452-386 & 18962-000. I CERTIFY
			THAT THIS AIRFRAME HAS BEEN INSPECTED
			IN ACCORDANCE WITH AN ANNUAL INSPECTION
			AND FOUND TO BE IN AIRWORTHY CONDITION.
			ERIC WHEATON <i>[Signature]</i> 203456696 ATFA
			TOSCH AIR-CRAFT REPAIR WORK NO <u>2004-89</u>

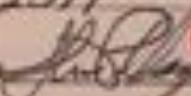
SUB-TOTAL this page

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			
			12-22-04
			<div style="border: 1px solid black; padding: 5px; width: fit-content; margin: auto;"> <p style="text-align: center;">CERTIFIED AIRWORTHY</p> <p style="text-align: center;">As required by FAR 91.411 and/or 91.413 Performed in accordance with FAR Part 43 appropos "E" and/or "F".</p> <p>1 ALTIMETER TO 22,000 FT.</p> <p>1 ALTITUDE REPORTING TEST</p> <p>1 STATIC SYSTEM TEST</p> <p>1 INTEGRATED SYSTEM TEST</p> <p>1 ATC TRANSPONDER TEST</p> <p>AMERICAN AVIONICS, INC. 7025 PERMETER RD. S. SEATTLE, WA 98108 Roll</p> <p>EAA GEAR558N</p> <p>WID 23530 DATE 12-22-04 </p> <p>SGN [Signature]</p> </div>
04/06/05			REMOVED RIGHT ALTERNATOR AND
Hobbs	1354.9		ALTERNATOR BELT AND INSTALLED OVER-
TTA	3359.5		HAULED ALTERNATOR P/N ALX-8521 12V
			70 AMP 5/8 F010094 AND BELT P/N
			37 A19772-382 INSTALLED NEW ALT
			NOISE FILTERS ON BOTH ALTERNATORS
			P/N 51915-1 ALL WORK DONE AS PER
			THE M/M. ERIC WHEATON
			TOSCH A/C # 2005-23 263456696 A+P
MAY 23, 2005,	HOBBS: 1359.5		INSTALL NEW HOBBS METER
TTA	3364.1		THIS DATE. NEW READING 000.0 TEST OK.
			AP 538664804

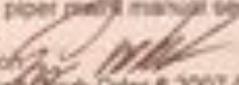
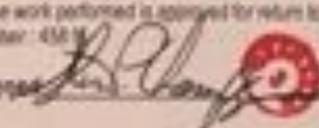
SUB-TOTAL this page

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			
			<p style="text-align: center;">TOSCH AIRCRAFT</p> <p style="text-align: right;"><i>Tacoma Narrows Airport</i> 253.831.8977</p>
			<p>N110LL Jan 13, 2006 Hobbs 0033.2 Total Time 3397.3 Annual Insp. performed on Airframe as per far43 appx D checklist. Cleaned main fuel strainerscreens and bowls. c/w AD 79-12-08 per part (A) by SB 851 (no leaks on either valve. c/w AD 83-10-01 per AD (both ADs due at 3447.3TTA). installed new main LG bungees p/n 31322-007 per AD 77-13-21R1(part (A) due 3797.5TTA (B) due 01/09 or 3897.3TTA/Annual Insp. due 01/07), c/w AD2004-25-16R1 by press. test cab. heater shut-off valve per part (E)(1) and per Kelly aerospace SB 8A-107A, no leaks noted (next insp. due 01/07 or 3497.3TTA). lubed all Flight Control hinges, pulleys, and bellcranks, test ELT per FAR91.207(D) and test OK (both due 01/07). installed new left main tire and inner tube (Flight Custom II), regreased LH wheel bearings, installed new o-rings in RH brake caliper serv. with 5006 fluid, installed new vac fits (B3-5-15 D9-18-1), new ind. filter(BA-4905), lubed all LG grease points, perf LG retract and ext. test per MM sect. 7. I certify that this airframe has been inspected in accordance with an annual inspection and found to be in airworthy condition.</p> <p>Eric Wheaton  263456896 A/IA Tosch Aircraft WO # 2005-80</p>
			<div style="border: 1px solid black; padding: 10px; text-align: center;"> <p>American Axionics, Inc. 7023 Perimeter Rd. Seattle, WA 98108</p> <p>\$9522.5</p> <p>CERTIFIED AIRWORTHY As required by FAR 91.411 and/or 91.413 Performed in accordance with FAR Part 43 appendices "E" and/or "F".</p> <p>2 Altimeter to 22,000 ft</p> <p>1 Altitude Reporting Test</p> <p>1 Static System Test</p> <p>1 Integrated System Test</p> <p>1 ATC Transponder Test <i>Mod \$</i></p> <p>NO 42359 Date 1-17-07</p> <p>Signed  Inspector CR58 GERSTEIN</p> </div>

SUB-TOTAL this page

TOTAL—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TIME ON RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			TOTAL brought forward from previous page
			<p style="text-align: center;">TOSCH AIRCRAFT <i>Tacoma Narrows Airport</i> 253.851.6977</p> <p>N110LL March 23, 2007 Hobbs 0084.6hrs Total Time Airframe 3448.7hrs Annual inspection performed on Airframe as per fa43 appx D checklist. Cleaned main fuel strainer screens and bowls, lubed all Flight Control hinges, pulleys and bellcranks, installed new ELT battery P/N 452-3063 (replacement due June 2009) inspected and tested ELT system (MN ELT-200 S/N 000635) per FAR 91.207(D) and test properly, installed new left brake linings P/N 066-06200, cleaned and regreased all wheel bearings, installed new vacuum filters P/N B3-5-1 and AAD9-18-1, repaired (3) electrical wires due to mice nest under co-pilot rudder pedal floor, installed new induction airfilters P/N BA-4005, lubed all landing gear grease points, performed landing gear retraction and extension test per the Piper PA-44 manual section 7. See next page.</p> <p>Eric Wheaton  263456696 APLA Tosch Aircraft Work Order # 2007-011</p>
			<p style="text-align: center;">TOSCH AIRCRAFT <i>Tacoma Narrows Airport</i> 253.851.6977</p> <p>N110LL March 23, 2007 Hobbs 0084.6hrs Total Time Airframe 3448.7hrs C/W the following AD'S, AD77-13-21R1 inspected landing gear bungee cords per par (B) no defects next due at 03/2008, AD79-12-08 per part (A) by SB 851 instructions no leaks on both valve next test due at 3498.7TTA, AD 83-10-01 performed by cleaning and inspection of fuel screens next inspection due at 3498.7TTA, AD2004-21-05 cabin heater inspection and pressure decay test performed per janitrol maint manual # 24E25-1(heater hobbs 007.7hrs) tested properly next test due at 107.7 heater hobbs or 03/2009, AD2004-25-16R1 by pressure testing cabin heater shut-off valve per part (E) (1) and per kelly aerospace SB #A-107A no leaks noted (next insp. due 03/08 or 3548.7TTA. I certify that this Airframe has been inspected in accordance with an Annual inspection and found to be in airworthy condition.</p> <p>Eric Wheaton  263456696 APLA Tosch Aircraft Work Order # 2007-011</p>
			<p style="text-align: center;">American Avionics, Inc. 7023 Perimeter Rd. Seattle, Wa 98108 Date: 6-26-2007 N110LL</p> <p>Work Performed - Removed AK-350 encoder Sn: 4K285 and installed Sn: 60117 Performed altimeter certification on #1 and #2 sides, integrated systems test and static system leak test per FAR 91.411 (a) Part 43 Appendix E. The aircraft was inspected and repaired in accordance with applicable maintenance rules and current FAA Regulations and in regards to the work performed is approved for return to service. Details are on file under work order number: 458.</p> <p>Signed   Inspector CRS# GERRSSN</p>
			SUB-TOTAL this
			TOTAL—Carry forward to next page

DATE

Pro-Flight Aviation, Inc.

243 W. Perimeter Rd. Renton, WA 98055

3/28/2008

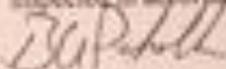
Piper PA-39

N110LL

Hobbs: 126.9

AFTT: 3491.0

Annual inspection completed this date. Inspected and tested ELT IAW FAR 91.207(d) Batteries replaced - next due June, 2009. Lubed flight controls. Installed JPI-EDM-760 IAW STC SA007295E - see 337 form this date. Repaired LH alternate air box by welded repair. Replaced 2 resistors in gear horn system and adjusted gear throttle switches. Resealed heater fuel valve shaft. All applicable A.D.s complied with - see A.D. compliance log. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy. --END--



B.A. Fahlke
IA 468781561

American Avionics, 7023 Perimeter Rd, Seattle, Wa 98108

N110LL

CERTIFIED AIRWORTHY

As required by FAR 91.411 and/or 91.413

Performed in accordance with FAR Part 43 appendix "E" and/or "F".

2 Altimeter to 22,000 ft

1 Altitude Reporting Test

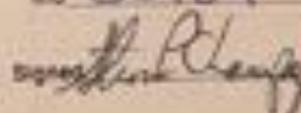
1 Static System Test

1 Integrated System Test

1 ATC Transponder Test

W/O 55164

Date 1/29/09



Inspector CRSA 1AMR880Y

Pro-Flight Aviation, Inc.

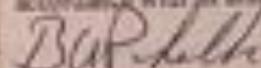
243 W. Perimeter Rd. Renton, WA 98055

5/28/2009 Piper PA39 N110LL

Hobbs: 191.2

AFTT: 3555.3

Annual inspection completed this date. Inspected and tested ELT IAW FAR 91.207(d) Replaced batteries - next due June, 2011. Lubed flight controls. Replaced induction air, vacuum regulator and central gyro filters. Replaced ammeter selector switches with new. Re-installed ammeter after calibration by Aitech Instruments, Seattle, Wa. Replaced landing gear bungees with new. Replaced right MLG and NLG tires and tubes. Replaced ships battery with new G-35. Repaired broken wire on alternator C.H. Tightened cabin door lock Assy. Replaced both brake discs with new. All applicable A.D.s complied with - see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy. --END--



B.A. Fahlke
IA 468781561

SUB-TOTAL this page

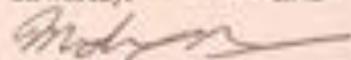
TOTAL—Carry forward to next page

Pro-Flight Aviation, Inc.

241 W. Perimeter Rd. Renton, WA 98055

4/2/2010 Piper PA39 N110LL Flight Hobbs: 237.0 AFTT: 3601.1

Annual inspection completed this date. Replaced induction air filters and vacuum regulator filters. Inspected ELT as per FAR 91.207(d) - batteries next due June 2011. Replaced RMG door hinge. All applicable A.D.'s complied with - see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy. -----END-----



Michael Riter
IA549753913

Pacific Coast Avionics Corp.
Certificated Repair Station OPRR405L
Radio Class I, II, Limited Radio III, Limited Airframe, Limited Instrument

21783 Airport Rd. NE
Aurora OR 97002
(503) 253-8370

Registration: N110LL SN: 29-89 Make: Piper Model: PA-39 Hours: 279.3 Work Order: 9062

Removed the following equipment with associated wiring and mounting provisions from the aircraft, Piper Automatic IED Autopilot System, ELT 200 121.5 MHz ELT system, NAT 8508-001 Relay, Apollo 518 Loran, King KY 197A, King KNS 30, and 32075 Turn and Bank.

A new System 55X Autopilot with Auto Trim and ST-360 Altitude Preset was installed in the aircraft. The System 55X Computer was installed directly below the existing King KMA 24 Audio Panel in the center avionics stack and receives power from the main bus via a 5 ampere circuit breaker labeled "AUTO PILOT" and 2 ampere circuit breaker labeled "ELEC TRIM". The Pitch Servo was installed in the empennage of the aircraft at F.S. 179.0, the Trim Servo was installed in the empennage at F.S. 168.0, the Roll Servo was installed below the floor just to left of centerline at F.S. 133.0, the Altitude Transducer was installed in the empennage at F.S. 214.0 and the Altitude Preset was installed in the Pilot's instrument panel just to the left of the 55X Autopilot Computer. The 55X Autopilot, Auto Trim system, and Altitude Preset can be energized via ON/OFF Master switches located to left of the avionics stack. The 55X receives ARINC 429 GPS information from the newly installed 530W to drive the Autopilot in GPSS mode. Analog heading and course information is provided from the existing KI 525A HSI and analog course and glide path deviation information from the GNS 530W. The S-TEC autopilot system was installed using S-TEC Bulletin No's. 368, 606, and 662 approved under FAA STC No. SABB93W-D.

A new Garmin GNS 530W has been installed directly below the S-TEC 55X in the center instrument panel avionics stack, and receives power from the Main Bus via a 10 ampere communication transmit circuit breaker labeled "VHF 1" and a 5 ampere system circuit breaker labeled "NAV 1". The GNS 530W has been interfaced to previously installed navigation and communication antennas, the existing King KMA 24 Audio Panel for Com 1 and Nav 1 audio interface, the previously installed AK350 encoder for pressure altitude input, the existing King KI 525A HSI to display course deviation information, the existing EDM 760 to display GPS fuel to destination fuel flow information, and the newly installed S-TEC 55X autopilot to provide GPS and VHF Navigation information to the autopilot. The Pilot's primary field of view was examined and measured and the GNS 530W was found to be outside of the STC required field of view. A WAAS compliant Mid-Continent MD41-1484W VLOC/GPS/WAAS sensor was installed to satisfy the field of view requirements listed in Garmin STC No. SA01933LA-D. A new Garmin GA 35 WAAS-GPS antenna has been installed on the top of the aircraft at F.S. 93.0 and interfaced to the GNS 530W using RG 142 Coax. The decibel loss was measured and found to comply with the requirements listed in the GNS 530W Installation Manual. The 530W was installed, inspected, and tested in accordance with the Garmin GNS 530W Installation Manual, P/N 190-00357-02, Revision G approved under STC # SA01933LA-D.

The installation of the S-TEC 55X Two Axis Autopilot and Garmin GNS 530W has been analyzed in accordance with 14 CFR 43 Appendix A and found to be a Major Alteration as defined by 14 CFR 1.1. An FAA Form 337 dated March 21, 2011 has been completed and filed with the Federal Aviation Administration. All alterations or repairs noted in this entry following this paragraph have been analyzed in the same manner as the above and found to be Minor.

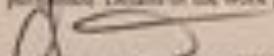
A new Artes ME406 ELT has been installed in the empennage of the aircraft in place of the removed ELT 200. The new Artes 406MHz ELT was installed and tested in accordance with the Artes ME406 Installation Manual, Document No. 570-1000 Revision H, section 4.4.9 and 14 CFR 91.207d. No discrepancies noted.

Performed certification of the altimetry system. The altimeter, standby altimeter, altitude reporting device, and pitot / static systems were tested for error in accordance with 14 CFR 91.411 and found to be in compliance with the requirements listed in 14 CFR 43 Appendix E to a test altitude of 22,000 feet.

Performed certification of the King KT-78 Mode S ATCRBS, SN 4464 in accordance with 14 CFR 91.413 and found the system to comply with the requirements listed in 14 CFR 43 Appendix F and 14 CFR 91.217.

The aircraft equipment list, weight and balance, and flight manual have been updated to reflect changes made to the aircraft. An electrical load analysis was performed in accordance with AC 43-28-2B Chapter 2, Page 19, Paragraph 208. The aircraft electrical system was found to be in compliance with the requirements listed in 14 CFR 23.1351.

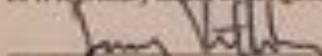
The aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details of the work performed will be on file at Pacific Coast Avionics under Bill Stowman. END


Signature: Christopher Brand

3-23-2011

Date: 03-23-2011

The GNS 530W GPS / WAAS unit has been tested in accordance with the requirements listed in AC 20-138B and can now be used as an IFR primary means of navigation for oceanic, domestic en route, terminal, and precision instrument approaches. END


Signature:

3-23-11

Date:

END

Pro-Flight Aviation, Inc.

243 W. Perimeter Rd. Renton, WA 98055

4/2/2010 Piper PA39 N110LL Flight Hobbs: 237.0 AFTT: 3601.1

... completed this date. Replaced induction air filters and vacuum regulator

Pro-Flight Aviation, Inc.

243 W. Perimeter Rd. Renton, WA 98055

11/15/2010 Piper PA39 N110LL

Flight Hobbs: 270.8

Installed external power receptacle, contactor, and diode. Repaired battery box mount by replacement of broken bracket. Operational check O.K.--END--

*B.A. Pabelke*B.A. Pabelke
A&P 468781561M.L. NE
L 97002
53-0370
9062

Removed the following equipment with associated wiring and mounting provisions from the aircraft: Piper Altitude III Autopilot System, ELT 200 121.5 MHz ELT system, NAT R508-001 Relay, Apollo 618 Levin, King KY 197A, King KNS 80, and 32075 Turn and Bank.

A new System 55X Autopilot with Auto Trim and KT-360 Altitude Preselect was installed in the aircraft. The System 55X Computer was installed directly below the existing King KMA 24 Audio Panel in the center avionics stack and receives power from the main bus via a 5 ampere circuit breaker labeled "AUTO PILOT" and 2 ampere circuit breaker labeled "ELEC TRIM". The Pitch Servo was installed in the empennage of the aircraft at F.S. 179.0, the Trim Servo was installed in the empennage at F.S. 168.0, the Roll Servo was installed below the floor just to left of centerline at F.S. 133.0, the Altitude Transducer was installed in the empennage at F.S. 234.0 and the Altitude Preselect was installed in the Pilot's instrument panel just to the left of the 55X Autopilot Computer. The 55X Autopilot, Auto Trim system, and Altitude Preselect can be engaged via ON/OFF Master switches located to left of the avionics stack. The 55X receives ARINC 429 GPS information from the newly installed 330W to drive the Autopilot in GPSS mode. Analog heading and course information is provided from the existing KI 525A HSI and heading course and glide path deviation information from the GNS 530W. The 5-TEC autopilot system was installed using 5-TEC Bulletin No's. 360, 400, and 462 approved under FAA STC No. SA88915W-D.

A new Garmin GNS 530W has been installed directly below the 5-TEC 55X in the center instrument panel avionics stack, and receives power from the Main Bus via a 10 ampere communication transmit circuit breaker labeled "VHF 1" and a 5 ampere system circuit breaker labeled "NAV 1". The GNS 530W has been interfaced to previously installed navigation and communication antennas, the existing King KMA 24 Audio Panel for Com 1 and Nav 1 audio interface, the previously installed AK350 encoder for pressure altitude input, the existing King KI 525A HSI to display course deviation information, the existing EDM 760 to display GPS fuel to destination fuel flow information, and the newly installed 5-TEC 55X autopilot to provide GPS and VHF Navigation information to the autopilot. The Pilot's primary field of view was examined and measured and the GNS 530W was found to be outside of the STC required field of view. A WAAS compliant Mid-Continent MD41-1484W VLOC/GPS/WAAS antenna was installed to satisfy the field of view requirements listed in Garmin STC No. SA01933CA-D. A new Garmin GA 35 WAAS-GPS antenna has been installed on the top of the aircraft at F.S. 93.0 and interfaced to the GNS 530W using RG 142 Coax. The decibel loss was measured and found to comply with the requirements listed in the GNS 530W Installation Manual. The 530W was installed, inspected, and tested in accordance with the Garmin GNS 530W Installation Manual, P/N 190-00357-02, Revision G approved under STC # SA01933CA-D.

The installation of the 5-TEC 55X Two Axis Autopilot and Garmin GNS 530W has been analyzed in accordance with 14 CFR 43 Appendix A and found to be a Major Alteration as defined by 14 CFR 1.1. An FAA Form 337 dated March 21, 2011 has been completed and filed with the Federal Aviation Administration. All alterations or repairs noted in this entry following this paragraph have been analyzed in the same manner as the above and found to be Minor.

A new Artex ME406 ELT has been installed in the empennage of the aircraft in place of the removed ELT 200. The new Artex 406MHz ELT was installed and tested in accordance with the Artex ME406 Installation Manual, Document No. 870-1000 Revision II, section 1.4.9 and 14 CFR 91.207d. No discrepancies noted.

Performed certification of the altimetry system. The altimeter, standby altimeter, altitude reporting device, and press / static systems were tested for error in accordance with 14 CFR 91.411 and found to be in compliance with the requirements listed in 14 CFR 43 Appendix E to a test altitude of 22,000 feet.

Performed certification of the King KT-70 Mode S ATC/RBS, SN 00344 in accordance with 14 CFR 91.413 and found the system to comply with the requirements listed in 14 CFR 43 Appendix F and 14 CFR 91.217.

The aircraft equipment list, weight and balance, and flight manual have been updated to reflect changes made to the aircraft. An electrical load analysis was performed in accordance with AC 43.13-2B Chapter 2, Page 18, Paragraph 208. The aircraft electrical system was found to be in compliance with the requirements listed in 14 CFR 23.1315.

The aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details of the work performed will be on file at Pacific Coast Avionics under Bill Swenson. END

Christopher Brand

3-23-2011

Date: 03-23-2011

The GNS 530W GPS / WAAS unit has been tested in accordance with the requirements listed in AC 20-138B and can now be used as an IFR primary means of navigation for oceanic, domestic en route, terminal, and precision instrument approaches. END

Christopher Brand

3-23-11

Date

END

Pro-Flight Aviation, Inc.

750 W. Perimeter Rd. Renton, WA 98057

DATE

5/14/2011 Piper PA-39 N110LL Hobbs: 286.8 AFTT: 3650.9

Annual inspection completed this date. Inspected and tested ELT LAW FAR 91.207(d) Batteries next due January, 2017. Lubed flight controls. Replaced induction air and vacuum regulator filters. Reinstalled RH boost pump after repair by Aviation Innovations. Replaced all brake pads. Resealed RH brake cylinder and bled RH brake system. Replaced rudder trim rod end, p/n 452-860. All applicable A.D.s complied with - see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy. --END--

*B.A. Pabolke*B.A. Pabolke
IA 468781561**Pro-Flight Aviation, Inc.**

750 W. Perimeter Rd. Renton, WA 98055

7/27/2011 Piper PA-39 N110LL Hobbs: 313.3

Installed Door Steward gas door strut in accordance with STC# SA011205E - see form 337 this date. Weight change negligible. --END--

*Levi Lowe*Levi Lowe
A/P3503376**Pro-Flight Aviation, Inc.**

750 W. Perimeter Rd. Renton, WA 98055

9/27/2011 Piper PA-39 N110LL Hobbs: 337.6

Removed existing landing light bulbs on both wings. Installed HID Light Assembly Kit in accordance with STC no. SA0181403H - see form 337 this date. Changes to weight and balance added to aircraft records. --END--

*Levi Lowe*Levi Lowe
A/P3503376**Pro-Flight Aviation, Inc.**

750 W. Perimeter Rd. Renton, WA 98057

6/1/2012 Piper PA39 N110LL Hobbs: 363.1 AFTT: 3727.2

Annual inspection completed this date. Inspected and tested ELT LAW FAR 91.207(d) Batteries next due January, 2017. Lubed flight controls. Replaced induction air and vacuum regulator filters. Resealed and serviced shimmy dampener. Repaired both MLG doors at rod attach point. Adjusted heater CAP switch. Adjusted stabilator rigging. Replaced RH aft trim cable pulley. Replaced MLG assist burgers. All applicable A.D.s complied with - see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy. --END--

*B.A. Pabolke*B.A. Pabolke
IA 468781561

SUB-TOTAL this page

TOTAL—Carry forward to next page

Pacific Coast Avionics

CRS OPXR455L

Registration: N110LL

Make: Piper

Model: PA-39

SN: 29-89

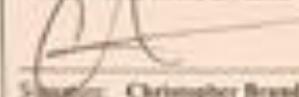
Type: N/A

Hobbs: 0403.6

Performed 14 CFR 91.411 certification of the altimetry system. The pilot and copilot altimeters, altitude reporting, and pilot / static systems were tested for error and found to be in compliance with the requirements listed in 14 CFR 43 Appendix F to an altitude of 20,000 feet.

Performed 14 CFR 91.413 certification of the King KT 70 ATCRBS, SN 2004 and found the system to comply with the requirements listed in 14 CFR 43 Appendix F.

The aircraft has been inspected in accordance with current federal aviation regulations and found to be airworthy with respect to the work performed. Details will be on file at Pacific Coast Avionics under Bill Storeman, work order 11003.



3/21/2013

Date: 03/21/2013

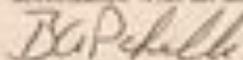
Signature: Christopher Brand

Pro-Flight Aviation, Inc.

750 W. Perimeter Rd. Renton, WA 98057

6/6/2013 Piper PA-39 N110LL Hobbs: 421.1 AFTT: ~~22985~~ 5785.2 AF

Annual inspection completed this date. Inspected and tested ELT IAW FAR 91.207(d). Batteries next due January, 2017. Lubed flight controls. Replaced induction air and vacuum regulator filters. Cleaned and painted battery box. Replaced inboard half of RMG door hinge. Replaced LMG tire. Cleaned, treated and painted wing spars at landing gear cable spiders. Replaced baggage door seal. All applicable A.D.s complied with - see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy. --END--



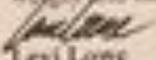
B.A. Pabotka
IA 468781561

Pro-Flight Aviation, Inc.

750 W. Perimeter Rd. #1 Renton, WA 98057

8/9/2013 Piper PA-39 N110LL Hobbs: 436.6

Installed Wing Fillet Kit in accordance with STC no. SA370CH - See form 337 this date. Changes to weight and balance added to aircraft records. --END--



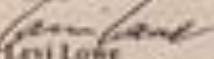
Levi Lowe
A&P3503376

Pro-Flight Aviation, Inc.

750 W. Perimeter Rd. #1 Renton, WA 98057

3/28/2014 Piper PA-39 N110LL Hobbs: 463.8

Replaced RMG tire with new Flight Custom III 6.00-6.6pr, reused serviceable tube and replaced wheel half nuts. Serviced and inspected ship's battery and cleaned terminals and airframe ground. --END--



Levi Lowe
A&P3503376

SUB-TOTAL this page

TOTAL—Carry forward to next page

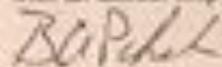
Pro-Flight Aviation, Inc.

750 W. Perimeter Rd. Renton, WA 98057

DATE

7/17/2014 Piper PA-39 N110LL Hobbs: 474.8 AFTT: ~~2822.9~~ 3838.9 GP

Annual inspection completed this date. Inspected and tested ELT LAW FAR 91.207(d) Batteries next due January, 2017. Lubed flight controls. Replaced induction air and vacuum regulator filters. Replaced nose compartment seal. Adjusted main gear well inner fairings and replaced brake line grommets. Removed and reinstalled flap rollers and L-wing aileron pulley as needed to facilitate cleaning and proper operation. Reattached baggage door seal. Repaired left fuel sump belly drain tube. All applicable A.D.s complied with - see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy. --END--



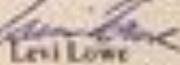
B.A. Fabelke
IA 468781561

Pro-Flight Aviation, Inc.

750 W. Perimeter Rd. #1 Renton, WA 98057

8/21/2014 Piper PA-39 N110LL Hobbs: 482.1

Replaced start battery with new Concord RG-35A battery. --END--



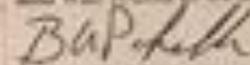
Levi Lowe
A&P 3503376

Pro-Flight Aviation, Inc.

750 W. Perimeter Rd. Renton, WA 98057

9/10/2015 Piper PA-39 N110LL Hobbs: 514.5 AFTT: ~~2822.9~~ 3878.6

Annual inspection completed this date. Inspected and tested ELT LAW FAR 91.207(d) Batteries next due January, 2017. Lubed flight controls. Replaced induction air and vacuum regulator filters. Replaced misc. wing root fairing rivets. Repaired left engine alternate air box: cracks and old rivet holes locally welded, replaced actuator armassy and brackets with new, set rigging. Repaired LE oil cooler baffle by riveted patch & RE oil cooler baffle by rivet replacement. All applicable A.D.s complied with - see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy. --END--



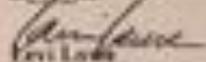
B.A. Fabelke
IA 468781561

Pro-Flight Aviation, Inc.

750 W. Perimeter Rd. Renton, WA 98057

4/8/2016 Piper PA-39 N110LL Hobbs: 537.8

Replaced LMG tire with new Flight Custom III running serviceable tube. Replaced left brake OHD pads. --END--



Levi Lowe
A&P 3503376

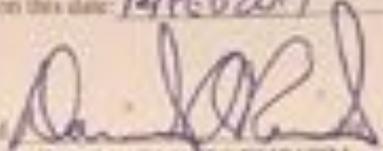
SUB-TOTAL this page

TOTAL—Carry forward to next page

I certify the transponder model X KT 70 have been tested and found to meet the requirements of FAR 91.413 and FAR 43 appendix F, and I certify the altimeter 0 and static systems X have been tested to 20000 and found to meet the requirements of FAR 91.411 and FAR 43 appendix I on this date: 14 FEB 2017

Altimeter Qty: 2
Encoder Qty: 1

N 110LL

Signed 
Aviatics Shop, Inc. FAA CRS TP4R188M
Tacoma Narrows Airport, Gig Harbor WA 98335

PK PERFORMED—
F PERSON PERFORMING WORK

Pro-Flight Aviation, Inc.

750 W. Perimeter Rd. Renton, WA 98057

2/24/2017 Piper PA-39 N110LL Hobbs: 557.0 AFTT: 3921.1

Annual inspection completed this date. Inspected and tested ELT IAW FAR 91.207(d). ELT battery replaced. Next due: 4/2024. Routine servicing and lubrication completed. Replaced induction air, vacuum regulator and gyro control filters.

Left engine (IO-320-B1A, s/n L-4643-55A) removed and replaced with factory rebuilt IO-320-B1A, s/n - RL-4517-55E. Replaced RH upper engine mount isolator. Reinstalled as removed. Vacuum pump, starter, alternator, baffling, exhaust system, governor (Hartzell F-6-3A, s/n RQ2682T, 1777 lbs TSOH) and propeller (Hartzell HC-E27L-20SF, s/n BG4708A). Replaced 1st manifold snifter valve (24995-000) and alternate air cable overrid.

Removed and reinstalled LMG Assy. after trussion repair by S&B Industries (p/n 20752-08, s/n 26-6696, w/o 42202). Removed and reinstalled Nose Gear after repair by S&B Industries of strut trussion (p/n 21715-06, s/n 26-6599, w/o 12203) and strut tube cylinder (p/n 21707-00, s/n 16312, w/o 12204). Nose & LMG struts resealed and serviced with hydraulic fluid and nitrogen. Replaced LMG door upper rod end. Landing gear rigging and switch rigging checked and normal/emergency gear operations OK.

Replaced both brake discs with new. Repaired RH sub-lator lip with fiberglass repair. C/W AD 15-24-03 (1/12/04) per (g)21007) by fabrication & installation of fuel system warning placard and POH insert. All applicable A.D.s complied with - see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy. --END--

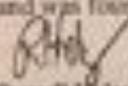

Levi Low
IA 388376

Pro-Flight Aviation, Inc.

750 W. Perimeter Rd. Renton, WA 98057

3/7/2018 Piper PA-39 N110LL Hobbs: 574.6 AFTT: 3938.7

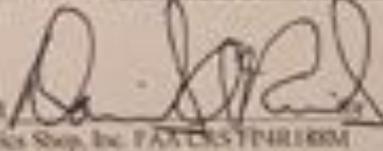
Annual inspection completed this date. Inspected and tested ELT IAW FAR 91.207(d) Batteries next due 4/2024. Lubed flight controls. Replaced induction air and vacuum regulator filters. Replaced misc wing root fairing rivnuts. Adjusted MLG doors RH and LH as needed. Replaced MLG bungees with new RH and LH. Shimmed RH spinner as needed. All applicable A.D.s complied with - see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy. --END--


Russell Hakey
IA 3552852

I certify the transponder model X KTD have been tested and found to meet the requirements of FAR 91.413 and FAR 43 appendix F, and I certify the altimeter 0 and static systems X have been tested to 20000 and found to meet the requirements of FAR 91.411 and FAR 43 appendix I on this date: 18 APR 2019

Altimeter Qty: 2
Encoder Qty: 1

N 110LL

Signed 
Aviatics Shop, Inc. FAA CRS TP4R188M
Tacoma Narrows Airport, Gig Harbor WA 98335

SUB-TOTAL

TOTAL—Car

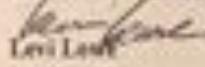
Pro-Flight Aviation, Inc.
750 W. Perimeter Rd. Renton, WA 98057

DATE

TOTAL
TIME
IN
SERVICE

5/10/2019 Piper PA-39 N110LL Hobbs: 583.1 AFTT: 3953.1

Annual inspection completed this date. Inspected and tested ELT IAW FAR 91.207(d). ELT battery replaced. Next due: 4/2024. Routine servicing and lubrication completed. Replaced induction air and vacuum regulator filters. Replaced right brake pads. Replaced inboard snaffle valve in right engine and manifold drain hoses on both engines. Replaced right engine fuel pump cooling seat. Replaced cylinder #1 & #2 exhaust risers with overhauled from AWI. Fabricated and installed shims between left and right main spar forward upper brackets at spar support casting in cabin. Replaced corner pin in NLG trunnion upper left bolt. Resafetied steering collar bolts. Replaced nose gear canvas cover. All applicable A.D.s complied with - see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy. --END--


Levi Lusk
IA 3503376



209 E Perimeter Rd.
Renton, Washington 98057
United States

Telephone: 425-204-0845

www.aceaircraft.com

Registration #: N110LL

Total A/C Time:

Total A/C Cycles:

Hour Meter: 583.5

Manufacturer: Piper Aircraft Corp.

Part/Model number: PA-39

A/C Serial Number: 25-09

Work Order No: 2853

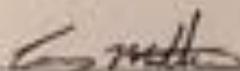
Date: 03/14/2020

Squawk

- 1.1 Removed Bendix King KT70 Transponder P/N: 066-01141-0101 S/N: 10364.
- 1.2 Installed Garmin GTX345 Transponder P/N: 010-01218-01 S/N: 304832025 per STC SAC171-AWL. Installed in accordance with GTX 345 Part 23 APR, STC Installation Manual 190-00734-02 Rev. 13, Dated September 2019. Installed FAA Approved Flight Manual 190-00734-15 Rev. 4, Dated 09/09/2019. See FAA Form 337 for details.
- 1.3 GNS530W Integrate & Installed GNS530M Main software v5.3 installed in accordance with Garmin FAA Approved Service Bulletin 1618 Rev. A. Installed GNS530W GPS software v5.0 installed in accordance with Garmin FAA Approved Service Bulletin 1225 Rev. B.
- 1.4 Provided engineering and certification documents, Ace Aviation wiring diagram (Diagram PA39/GN39-09). HEX Code for this installation is 402038.
- 1.5 See separate log entry for 14 CFR 91.401 and 91.413 compliance.
- 1.6 Aircraft equipment list and WSM updated. Completed all required aircraft documents see FAA Form 337 for this date. Installed required aircraft flight manual supplements. Reassembled Aircraft and performed system and operational checks. Checked OK.

These items identified above were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Partwork details of these repairs are on file at the repair station under Work Order Number 2853.

Casey Matthews (TASPT)



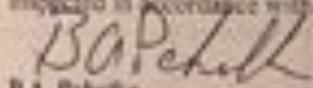
AP370960

Pro-Flight Aviation, Inc.

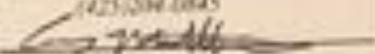
750 W. Perimeter Rd. Renton, WA 98057

6/15/2020 Piper PA39 N110LL Hobbs: 591.2 AFTT: 3955.2

Annual inspection completed this date. Inspected and tested ELT IAW FAR 91.207(d). Batteries next due April 2024. Lubed flight controls. Replaced induction air and vacuum regulator filters. All applicable A.D.s complied with - see A.D. compliance record. I certify that this aircraft has been inspected in accordance with an annual inspection and was found to be airworthy. --END--


B.A. Pabelke
IA 448781561

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			
Date: 01/14/20			Piper PA39 N118LL
I certify that the altimeter and static system tests required by 14 CFR part 91, § 91.411 and transponder tests, including data correspondence, required by § 91.413, have been performed and found to comply with 14 CFR part 43, appendices E and F.			
Altimeter S/N: 001438 Altimeter S/N: R4146 Encoder S/N: 3510100 Transponder S/N: 3EG032025			
<input checked="" type="checkbox"/> The altimeter was tested to 20,000 feet on this date. <input checked="" type="checkbox"/> The transponder was tested on this date. <input checked="" type="checkbox"/> Encoder data correspondence was tested to 20,000 feet on this date. <input checked="" type="checkbox"/> Static system leak tested on this date.			Signature:  FAA Repair Station #4418024C 289 E. Perimeter Rd., Renton, WA 98057 1425/234-1845

SUB-TOTAL this page

TOTAL—Carry forward to next page

