

G-APCS

MINISTRY OF TRANSPORT AND  
CIVIL AVIATION

FORM C.A. 27

**AIRCRAFT  
LOG BOOK**



# MINISTRY OF TRANSPORT AND CIVIL AVIATION

## 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) All entries are to be made in ink.
- (3) No entry shall be erased; no page shall be removed.
- (4) Such information as constructor's notes, aircraft inspection record, rigging and installation diagrams, shall be affixed to the binding slips provided for the purpose.
- (5) One line shall be used for each flight, except that in respect of any series of flights during any one period of twenty-four hours, the total duration of such flights may be given on a single line.
- (6) In column 2 of the left-hand pages shall be entered the time at which a flight, or a number of flights, is started.
- (7) In column 5 (both pages) full details should be given.
- (8) This Log Book shall be produced, on demand, for the inspection of any authorised person.

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AIRCRAFT (HEAVIER-THAN-AIR).

1. Nationality and Registration Marks..... G - A P O S.....
2. Owner:—  
 Name ..... Farm Aviation Ltd......  
 Address ..... Push Green, Hitchin, Herts......  
 Nationality .....
3. Constructor ... DE HAVILLAND ... AIRCRAFT ... C. LTD.
4. Constructor's No. .... C.1 ... 0762 .....
5. Type of Aircraft ... CHIPMUNK ... AGRICULTURAL
6. Engine(s) Type..... GIPSY ... MAJOR ..... Series No.(s) .. 10 MK 2 .....
7. Propeller(s) Type... FAIREY ... REID ... D.67996./X1 .....



# RIGGING DATA.

2

- Definition of datum for rigging:— *Longitudinal datum prep. Port side of fuselage*  
*Lateral Top of canopy rails.*

- Rigging values:—

## READINGS ON RIGGING BOARDS.

Data.	Design Requirements.	ACTUAL MEASUREMENTS.		Remarks.
		Port.	Starboard.	
Incidence <i>STN 60</i>	$0^\circ \pm 0^\circ - 30'$	$- 0^\circ 20'$	$+ 0^\circ 5'$	
<i>STN 160</i>		$- 0^\circ 22'$	$- 0^\circ 8'$	
Dihedral .. ..	$0^\circ \pm 0^\circ 20'$	$- 0^\circ 8'$	$+ 0^\circ 8'$	
<del>Slagger</del> <i>TAIL PLANE DIHEDRAL</i>	$0^\circ \pm 1^\circ$	$+ 0^\circ 15'$	$+ 0^\circ 10'$	
Tail Plane Incidence ..	$\pm 0^\circ \pm 15'$	$\pm 0^\circ$	$\pm 0^\circ$	
Diagonal Measurement—Front ..	<i>WITHIN</i> A. $\pm 1.25$	$18' 11\frac{1}{8}''$	$18' 11\frac{1}{4}''$	
Diagonal Measurement—Rear ..	<i>WITHIN</i> B $\pm 1.25$ C	$21' 4\frac{1}{2}''$ $11' 8\frac{1}{4}''$	$21' 4\frac{3}{8}''$ $11' 8\frac{1}{8}''$	
Aileron Movement	Up ..	$3.9 \pm .3$	$3.95$	$4.0$
	Down ..	$2.9 \pm .3$	$3.05$	$2.95$
Elevator Movement	Up ..	$11.5 \pm .6$	$11.4$	$11.4$
	Down ..	$4.54 \pm .6$	$4.4$	$4.4$
Rudder Movement ..	$11.2 \pm .64$	$11.1$	$11.2$	
Flap Movement ..	$7.95 \pm .75$	$8.0$	$7.95$	
Trimmer or Servo Movement	<i>1.125</i> Aileron .. UP $0.875$	$—$	$.875$	
	<i>1.50</i> Elevator DOWN $1.75$	$—$	$1.75$	
	<i>1.75</i> Rudder NEUTRAL DOWN $.5$ To $.37$	$—$	$.5$	

- Details of any peculiar rigging features:—

(NOTE.—If desired a rigging diagram may be inserted here.)



THE DE HAVILLAND AIRCRAFT CO., LTD.  
S.D.C.R. LEAVESDEN.

Modification Statement.

Chipmunk Series 23

G-APOS

Serial No. 0763.

Mods incorporated in toto.

1, 3, 5, 6, 8, 9, 10, 11, 15, 16, 17, 19, 21, 22, 23, 24, 25, 27,  
28, 29, 31, 38, 44, 45, 46, 47, 49, 52, 53, 55, 58, 59, 63, 64, 65, 66,  
67, 69, 70, 75, 76, 77, 79, 81, 83, 86, 87, 89, 90, 92, 95, 96, 99, 104,  
106, 108, 109, 113, 116, 118, 122, 123, 125, 126, 128, 135, 139, 143, 146,  
147, 165, 167, 168, 170, 177, 180, 181, 183, 186, 188, 190, 191B, 207,  
210, 212, 213, 216, 217, 238, 239.

Mods Deleted or N/A

2 (Superseded by 81), 4, 7, 12, 13, 14, 18, 26, 39, 40, 41, 42, 43, 48,  
54, 56, 57, 61, 62, 71, 72, 73, 74, 78, 80, 82, 84, 88, 97, 100, 101,  
132, 133, 137, 138, 141, 142, 148, 157, 158, 169, 172, 184, 189, 209,  
214, 215, 219.

-----  
D.B. Crooke.

D.H.  
462



# AIRCRAFT.....

- (1) Particulars of maintenance
- (2) Particulars of overhauls
- (3) Certificate that in carrying regulations for the time

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MIN.	HOURS	MIN.
Brought Forward		1266	55	NIL	
24-8-58.		1	10	1	10
25-8-58			30	1	40
27-8-58			35	2	15
28-8-58.			15	2	30
29-8-58.			25	2	55
31-8-58.			40	3	35
From 1-9-58 }			30	4	05
to 6-9-58 }					
8-9-58.			40	4	45
9-9-58.			15	5	00
11-9-58.	1	25		6	25
12-9-58.			10	6	35
15-9-58.			55	7	30
16-9-58.	1	40		9	10
17-9-58		45		9	55
Carried Forward		1270	50	9	55

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

W. J. Grogan  
Surveyor  
Air Registration Board

28.8.58.



Date: 25-8-58

Aircraft Type and No. G-APOS.  
Compass Type and No: P11 22064K.

Adjusted by DB Cooke  
LAE 4469  
A.C.Y.

# CORRECTING SWING.

Actual Course	(i)	Aircraft Compass Reads (ii)	(iii) Deviation. (i) - (ii)	Co-efficients.
N	0	002	-2	
E.	90	89	+1	
S	180	178	+2	
	Coef "C"	+2		$C = \frac{N - S}{2}$ $= \frac{2-2}{2} = -2.$
	Make Compass Read	180.		
W.	270	269.	+1	
	Coef "B"			$B = \frac{E - W}{2}$
	(With sign changed)	0		$= \frac{1-1}{2} = 0.$
	Make Compass Read	269		
(i)	(ii)	(iii)	(iv)	(iii) - (iv)
Compass Reads	Deviation.	Coeff 'a'	Residual	Deviations
NW 315	315.			0
N 0	0			0
NE 45	43	+2		+2
E 90	89	+1		+1
SE 135	133	+2		+2
S 180	180			0
SW 225	224	+1		+1
W. 270	269.	+1		+1
	TOTAL	$\frac{7}{8}$	$\frac{7}{8} = \frac{7}{8}.$	To remove + A turn lubber line clockwise. To remove - A turn lubber line anti-clockwise.



The De Havilland Aircraft Co., Ltd., ~~Stag Lane, Edgware,~~  
Hatfield Aerodrome, Herts.

The following work has been carried out on AIRCRAFT ~~Chipmunk G-APOS (CI.0763)~~  
ENGINE

Aircraft received from R.A.F. (Ex. WP.893), Inspected and Overhauled. Inspection Report Ser.  
No. CRL.166 held by the De Havilland Aircraft Co., Inspection Dept., Leavesden and Works Order  
No. W.18396 refer. Time flown in R.A.F. 1266 hours 55 mins.

Aircraft Converted. to Series 23 by the embodiment of Mods H.238 (AAN.5545) and H.239 (AAN.5669).

Engine:- Gipsy Major 10 Mk.2 Ser.No.11064 (Ex G-APMN) Shock-load tested and necessary  
rectification carried out by D.H. Engine Co. and installed (Engine Log Book refers).  
Time since complete overhaul 139 hours 15 mins.

Propeller:- Ser.No.FR.41759 removed overhauled and converted to Drg.No.D.67996/X1 by Makers  
and refitted (Fairey Reid Release Note No. B.14009 refers).

Hopper removed from G-APMN, Inspected for damage, rectified and installed.

OVERHAUL  
REPAIR  
MODIFICATION or

Continued.

I hereby certify that, in carrying out the... REPLACEMENT.....specified above all the conditions and requirements of the Air Navigation Regulations for the time  
being in force which are applicable thereto have been complied with,

(Careful retention of these documents will assist in  
future application for the renewal of the Certificate  
of Airworthiness.)

SIGNED.....AUTHORITY.....

DATE .....

An edge is gummed for attachment to Log Book.

FORM 96C HP



## LOG BOOK CERTIFICATE

Certificate No.2 of 3.

The De Havilland Aircraft Co., Ltd.,

~~Stag Lane, Edgware~~

Hatfield Aerodrome, Herts.

The following work has been carried out on AIRCRAFT  
ENGINE

Chipmunk G-APOS

Controls Check Duplicated.

1st Check

J.S. Thorne

D.H.  
595

2nd Check

Warrick

D.H.  
729D.H. Technical Instructions Satisfied.

CT.(Cl) Nos. 3, 5, 7, 15, 19, 22, 23, 26, 27, 28, 29, 32, 36(sub head 18), 41 (sub head 4,16),  
 43 (sub head 16), 49, 51, 52, 55, 56 (sub head 12, 16), 57, 63 (sub head 11), 64 (sub head 10)  
 66 (sub head 15, 16), 68, 70, 71 (sub head 9, 22), 72 (canopy rollers), 73, 75, 77, 81, 82,  
 83 (sub head 23), 84, 85 (sub head 9, 10), 90, 91, 92, 94, 95, 96, 97, 99, 100, 107, 108, 109,  
 110, 115, 116, 118, 119, 121, 122, 124, 126, 128, 129, 130,

A.R.B. Essential Modifications. All relevant modifications have been carried out as shown in

A.R.B. Essential Mods.List. DH.Cl Chipmunk Aircraft at Issue 1 dated 25th March, 1958 as follows:-

OVERHAUL Mods. H.181, 183, H.207, H.210, H.212, H.217.

REPAIR

MODIFICATION or

Continued.

I hereby certify that, in carrying out the... REPLACEMENT.....specified above all the conditions and requirements of the Air Navigation Regulations for the time  
 being in force which are applicable thereto have been complied with,

(Careful retention of these documents will assist in  
 future application for the renewal of the Certificate  
 of Airworthiness.)

SIGNED.....AUTHORITY.....

DATE.....

An edge is gummed for attachment to Log Book.

FORM 96C HP



## LOG BOOK CERTIFICATE

Certificate no.3 of 3.

The De Havilland Aircraft Co., Ltd., Stag Lane, Edgware.  
Hatfield Aerodrome, Herts.

The following work has been carried out on AIRCRAFT Chipmunk G-APOS  
ENGINE

Fuel Flow Check carried out and found satisfactory.

Compass Swung, and deviation card fitted in aircraft.

Aircraft external surfaces repainted.

Aircraft weighed and weight schedule fitted in aircraft.

Aircraft test flown by Mr.G.Pike in accordance with A.R.B. Flight Test requirements.

and found satisfactory.

Propeller Check tightened after flight.

OVERHAUL

~~REPAIR~~

MODIFICATION or

I hereby certify that, in carrying out the...~~REPLACEMENT~~.....specified above all the conditions and requirements of the Air Navigation Regulations for the time being in force which are applicable thereto have been complied with,

(Careful retention of these documents will assist in future application for the renewal of the Certificate of Airworthiness.)

SIGNED D. B. Cooke

AUTHORITY A1/1011/55

DATE 27.8.58

An edge is gummed for attachment to Log Book.

FORM 96C HP



AIRCRAFT.....G-APAS.....

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)		(1) Particulars of maintenance (2) Particulars of overhauls (3) Certificate that in carrying regulations for the time
		HOURS	MINS.	HOURS	MINS.	
Brought Forward		1270	50	9	55	
18-9-58		1	10	11	05	
19-9-58			20	11	25	
20-9-58		1	00	12	25	
21-9-58		1	35	14	00	
26-9-58			50	14	50	
27-9-58		1	25	16	15	
29-9-58			25	16	40	
10-10-58			20	17	00	
23-10-58			30	17	30	
3-12-58			25	17	55	
4-12-58			20	18	15	
9-1-59			20	18	35	
11-1-59			20	18	55	
19-1-59			20	19	15	
27-1-59			20	19	35	
Carried Forward		1280	30	19	35	



UNITED



KINGDOM

CA 958

# MINISTRY OF TRANSPORT AND CIVIL AVIATION

## CERTIFICATE OF AIRWORTHINESS

No. A. 6443NATIONALITY AND  
REGISTRATION MARKS**G-APOS**CONSTRUCTOR AND CONSTRUCTOR'S  
DESIGNATION OF AIRCRAFTThe de Havilland Aircraft Co. Ltd.,  
Chipmunk DH 61 Series 23AIRCRAFT SERIAL No.  
(CONSTRUCTOR'S No.)

CL. 0763

CATEGORY: ~~Normal~~ Aerial Work Category and Private Category.

SUBDIVISION:

- (a) ~~Aerial work~~
- (b) ~~Demonstration~~
- (c) ~~Crew familiarisation~~

This Certificate of Airworthiness is issued pursuant to the Convention on International Civil Aviation dated 7th December, 1944, and to the Civil Aviation Act, 1949, and the Orders and Regulations made thereunder, in respect of the above-mentioned aircraft which is considered to be airworthy when maintained and operated in accordance with the foregoing and the pertinent operating limitations. A flight manual forms part of this certificate. (Doc. No. DH.22.)

Date 9th October, 1958

by authority of the Minister of Transport and Civil Aviation.

This certificate is valid for the period(s) shown below

Official Stamp and Date

From 29th August, 1958	to 28th August, 1959.
From 8th March, 1963.	to 7th March, 1964.
From 6th March, 1964	to 5th March, 1965.
From 6th March, 1965.	to 5th March, 1966.
From 6th March, 1966	to 5th March, 1967

MINISTRY OF TRANSPORT  
& CIVIL AVIATION

SEE OVERLEAF



This certificate is valid for the period(s) shewn below

Official Stamp and Date



From	5th July, 1967	to	4th July, 1968
From	5th July, 1968	to	4th July, 1969.
From		to	
From		to	
From		to	
From		to	
From		to	
From		to	
From		to	

No entries or endorsements may be made on this Certificate except in the manner and by the persons authorised for the purpose by the Minister of Transport and Civil Aviation.  
If this Certificate is lost, the Secretary, Ministry of Transport and Civil Aviation, should be informed at once.  
Any person finding this Certificate should forward it immediately to the Secretary, Ministry of Transport and Civil Aviation, Berkeley Square House, London, W.1.



## LOG BOOK CERTIFICATE

4

The De Havilland Aircraft Co., Ltd.,

~~Stag Lane, Edgware,~~

Hatfield Aerodrome, Herts.

The following work has been carried out on AIRCRAFT ..... G-APOS (CI. 0763) .....  
ENGINE

Work carried out at Leavesden.

Check cables fitted to flap return springs - Mod.240 pending.

Windmill driven pump assembly re-installed with fan and pump rotation reversed (Now clockwise viewed from front).

Drain pipe fitted to Coffman Starter and connected to drain box.

~~OVERHAUL~~~~REPAIR~~

MODIFICATION or

I hereby certify that, in carrying out the... REPLACEMENT.....specified above all the conditions and requirements of the Air Navigation Regulations for the time being in force which are applicable thereto have been complied with,

(Careful retention of these documents will assist in future application for the renewal of the Certificate of Airworthiness.)

SIGNED..... *P. B. Cooke* ..... AUTHORITY..... A1/1011/55 .....  
DATE..... 30.10.58 .....

An edge is gummed for attachment to Log Book.

FORM 96C HP



# AIRCRAFT.....G-APOS.....

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MINS.	HOURS	MINS.
Brought Forward		1280	30	19	35
31-1-59		1	20	20	55
3-2-59			30	21	25
4-2-59			20	21	45
5-2-59		1	20	23	05
13-2-59			35	23	40
14-2-59			25	24	05
10.3.59.		1	25	25	30
11.3.59.		1	10	26	40
12.3.59.		1	00	27	40
14.3.59			45	28	25
16.3.59			55	29	20
18.3.59		2	05	31	25
19.3.59.		1	50	33	15
23.3.59			45	34	00
24.3.59			40	34	40
Carried Forward		1298	38	34	40

- (1) Particulars of maintenance
- (2) Particulars of overhauls
- (3) Certificate that in carrying regulations for the time



# AIRCRAFT.....CAPOS.....

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)		
		HOURS	MINS.	HOURS	MINS.	
Brought Forward	Forward	1295	35	34	40	
17.4.59			40	35	20	
23.4.59			35	35	55	
28.4.59			20	36	15	
5.5.59			15	36	30	
16.5.59			30	37	00	
20.5.59		1	10	38	10	
13.6.59		1	10	39	20	
16.6.59			30	39	50	
<p>Overhauled cartridge starter Ser No 1146R fitted to engine. Grand test carried out satisfactorily</p> <p>I hereby certify that in carrying out the overhaul/ repair/replacement/specified above, all the conditions and requirements of the Air Navigation Regulations for the time being in force which are applicable thereto have been complied with.</p> <p>Signed <u>P. B. Cook</u> Authority <u>21/10/1/55</u> Date <u>7.9.59</u></p>						
Carried Forward	Forward	1300	45	39	50	

- (1) Particulars of maintenance
- (2) Particulars of overhauls,
- (3) Certificate that in carrying regulations for the time



# LOG BOOK CERTIFICATE

The De Havilland Aircraft Co., Ltd., ~~Stag Lane, Edgware.~~  
Hatfield Aerodrome, Herts.

The following work has been carried out on AIRCRAFT ~~Chipmunk G-APOS~~  
ENGINE

Check II Inspection carried out to Makers Manual - Project 74511 refers.

Unserviceable Plessey starter removed and blanking plate fitted.

Aircraft checked to L.A.E. Notice No.56 Iss.1 found satisfactory

The following additional work has been carried out on Spray Equipment.

1. Agriculture Aviation Co. Ltd. Spray gear removed.
2. Fison/Airwork Spray Equipment re-installed.
3. New operating mechanism for Spray On - Off cock manufactured (Drawing Nos.CI.Z.2513, 2659).
4. Full bore check carried out.
5. Metering control for Dust Spraying removed.

OVERHAUL  
REPAIR  
MODIFICATION or

I hereby certify that, in carrying out the... REPLACEMENT.....specified above all the conditions and requirements of the Air Navigation Regulations for the time being in force which are applicable thereto have been complied with,

(Careful retention of these documents will assist in future application for the renewal of the Certificate of Airworthiness.)

SIGNED D B Gough AUTHORITY AL/1011/55  
DATE 29 JUN 1959

An edge is gummed for attachment to Log Book.

FORM 96C HP



# AIRCRAFT.....C-47A.....

- (1) Particulars of maintenance
- (2) Particulars of overhauls,
- (3) Certificate that in carrying regulations for the time

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MINS.	HOURS	MINS.
Brought Forward		1300	45	30	50
29.10.62.			30	40	20
22.2.63			15	40	35
26.2.63			20	40	55
27.2.63			35	41	30
27.2.63			20	41	50
28.2.63		1	30	43	20
1.3.63.			30	43	5
2.3.63			10		
4.3.63			10		
5.3.63.			20	4	40
4.3.63			15		
15.3.63		2	25		
19.3.63		6	55		
20.3.63		4	30		
21.3.63		3	25		
Carried Forward		1322	55	62	50

14.3.63. Check 1 carried out to



Telephone Luton 4567

# FARM AVIATION

LIMITED

Directors:

G. C. BECKWITH, B.Sc.(Eng.)

M. A. PRUDEN

W. S. BOWKER

WIGMORE HALL FARM

NEAR LUTON

BEDFORDSHIRE



CHIPMUNK 23  
G-APOS

## LOG BOOK CERTIFICATE

Upper and Lower elevator trim Bowden cables replaced  
Part Nos. CI-CF591A and CI-CF593A

~~Aircraft~~ De Havilland 151171. Duplicate inspection  
carried out. ~~22.10.62~~ **DN: 730** 22.10.62.

I hereby certify that the aircraft defined herein has  
been inspected and in the opinion of the undersigned  
is safe this day in every way for flight provided it  
is properly loaded.

*W. S. Bowker* 2046

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 *W. S. Bowker* Firm *Farm Aviation Ltd.*

A.R.B. Approval Ref. or Licence No. *2046*

Date *29-10-1962*



## AIRCRAFT

C-47B

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MINS.	HOURS	MINS.
Brought Forward		1322	55	21	40
22.3.63		5	25	27	05
23.3.63		8	35	35	40
26.3.63		4	00	39	40
27.3.63		7	25	47	05
28.3.63		5	15	52	20
29.3.63		5	45	58	05
1.4.63		4	00	62	05
2.4.63		4	35	66	40
3.4.63		9	10	75	50
4.4.63		6	55	82	45
5.4.63		7	55	90	40
8.4.63		5	25	96	05
9.4.63		1	45	97	50
10.4.63		4	15	102	05
11.4.63		2	50	104	55
Carried Forward		1406	10	104	55

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying  
regulations for the time

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

23.3.63. Check 1 carried out to

approved schedule

1.4.1963. Check 2 carried out to  
Fuel tank venting system

approved schedule. C.T.C. 131 complied with. Fabric repair to lower surface of STD flap.  
Blown through + fixed modification embodied to exclude further problems.

5.4.1963. Check 1 carried out to

approved schedule. W. H. M. 904615.4.1963. Check 2 carried out to ~~right~~

~~left~~ STD outer elevator hinge bracket tightened.  
Duplicate inspection carried out. W. H. M. 9046

I hereby certify that the inspection/overhaul/repair/  
replacement/modification specified above has been carried out in  
accordance with the requirements of chapter A6-3 of British Civil  
Airworthiness Requirements.  
Signed: W. H. M. Firm: Formal Inspection  
A.R.B. Approval Ref. or Licence No. 9046  
Date: 1.4.1963

I hereby certify that the inspection/overhaul/repair/  
replacement/modification specified above has been carried out in  
accordance with the requirements of chapter A6-3 of British Civil  
Airworthiness Requirements.  
Signed: W. H. M. Firm: Formal Inspection  
A.R.B. Approval Ref. or Licence No. 9046  
Date: 15.4.1963



# FARM AVIATION

LIMITED

Directors:

G. C. BECKWITH, B.Sc.(Eng.)

M. A. PRUDEN

W. S. BOWKER

WIGMORE HALL FARM

NEAR LUTON

BEDFORDSHIRE



## AIRFRAME LOG BOOK CERTIFICATE

CHIPMUNK 23 G-APOS

ENGINE NO. 11064

CHECK 5 carried out to Approved Schedule

DH TNS CI NOS. 54, 56, 89, 109, 115, 126, 133, 139, 140, 141, 144  
complied with.

A.S.I. No. 5324/7 Alt. No. 576/55 Check calibrated.

T. and S. Indicator overhauled. 02963/49

Cover manufactured and fitted over elevator trim cables in cockpit.  
VHF aerial and batteries removed. (FS2, AAN 7648)

New brake pads fitted. Farm Aviation fertiliser spreader fitted.

Root end fittings sealed against ingress of moisture and rubber  
sealing fitted beneath all fairings.

New flap centre hinges Part Nos. Ci.W.353A and Ci.W.354A fitted.

Aircraft resprayed.

New ~~scar~~ canopy slide block fitted. Ci.FC.803, 3 off.

Approved certificates and record of work held by Farm Aviation Limited

DUPLICATE INSPECTION OF FLAP CONTROLS ....

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

Approved by: *M. A. Pruden, Farm Aviation*

Date

13-1963

9046



# AIRCRAFT C-47B

10

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)		(5) Particulars of maintenance Particulars of overhauls, Certificate that in carrying regulations for the time
		HOURS	MINS.	HOURS	MINS.	
Brought Forward		1470	45	169	30	
19.6.63		1	00	170	30	8.6.1963. Check carried out to
21.6.63		1	10	171	40	
22.6.63		1	10	172	50	23.6.1963 Check 1 carried out
25.6.63			45	173	35	
26.6.63		2	45	176	20	
27.6.63		3	50	185	10	
29.6.63		4	45	189	55	
29.6.63		1	00	190	55	
1.7.63		2	10	193	05	
2.7.63		6	45	199	50	
3.7.63		1	40	201	30	
4.7.63		5	00	206	30	4.7.63. Check 1 carried out to NS/Chipmunk/25
5.7.63		6	35	213	05	
6.7.63		4	30	217	35	
8.7.63		4	05	221	40	
Carried Forward		1527	55	221	40	

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

NS/Chipmunk/25.

to NS/Chipmunk/25

NS/Chipmunk/25

NS/Chipmunk/25

NS/Chipmunk/25



## AIRCRAFT

G-APBS

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)		(5) Particulars of maintenance (2) Particulars of overhauls, (3) Certificate that in carrying regulations for the time
		HOURS	MINS.	HOURS	MINS.	
Brought Forward		1406	10	104	55	
15.4.63			30	105	25	
16.4.63		3	10	108	35	
18.4.63		8	40	117	15	
19.4.63		3	55	121	10	
20.4.63			20	121	30	20.4.1963. New PR hoses (A/C Bellman EA712)
22.4.63		5	45	127	15	
23.4.63		5	35	132	50	
24.4.63		5	20	138	10	24.4.63. Check carried out to approved schedule.
25.4.63		7	50	146	00	
26.4.63		8	55	154	55	
27.4.63		3	25	158	20	
30.4.63		7	15	165	35	25.5.1963. Check 3 carried out to MS/Chp. 1
30.5.63			45	166	20	Form Aviator spray equipment
31.5.63		3	10	169	30	
Carried Forward		1470	45	169	30	

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

20.4.1963. New PR hoses (A/C Bellman EA712) fitted in AS1 system to rectify leak in static line.

24.4.63. Check carried out to approved schedule.

25.5.1963. Check 3 carried out to MS/Chp. 1. New tyres + tubes fitted port + star. A/C Dunlop 283270, CT.C. 133 complied with - installed (Generally similar to F800 equipment).

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] Firm: Form Aviator  
A.R.B. Approval Ref. or Licence No. 5046  
Date: 20.4.1963

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] Firm: Form Aviator  
A.R.B. Approval Ref. or Licence No. 5046  
Date: 25.5.1963



DATE	HOUR	TIME IN AIR		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS		(1) Particulars of maintenance (2) Particulars of overhauls, (3) Certificate that in carrying regulations for the time
		(3)		(4)		
		HOURS	MINS.	HOURS	MINS.	
(1)	(2)					
Brought Forward	Forward	1615	30	314	15	
29.7.1963		3	50	318	05	29.7.1963 Check 1 carried out to MS/ New rear engine mounting
30.7.1963		3	50	326	55	
31.7.1963		6	45	333	40	
1.8.1963		6	30	340	10	2.8.1963 Check 1 carried out to MS/
2.8.1963		3	05	349	15	
3.8.1963		1	35	350	50	
5.8.1963			40	351	30	6.8.1963 Check 1 carried out to MS/
6.8.1963		4	30	356	00	
7.8.1963		4	05	360	05	
8.8.1963		6	05	366	10	
9.8.1963			40	366	50	11.8.1963 Check 2 carried out to MS/Epimunk 125.
15.8.1963		1	00	367	50	
20.8.63		7	15	375	05	
22.8.63		3	25	378	30	
23.8.63			45	379	15	
Carried Forward	Forward	1680	30	379	15	

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

Epimunk 125. Patch repair carried out to nose out.  
rubber suckers fitted, L/C. Dr. 1/3/67 refue.

Epimunk 125 ABD 9046.

Epimunk 125 ABD 9046.

I hereby certify that the inspection/overhaul/repair/  
replacement/modification specified above has been carried out in  
accordance with the requirements of chapter A-6 of British Civil  
Airworthiness Requirements.  
Signed ABD 9046  
\*R.O. Approval, Sign or License No. 9046  
Date 25 July 1963

ABD 9046.



# AIRCRAFT *C-47B*

11

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)		
		HOURS	MINS.	HOURS	MINS.	
Brought	Forward	1522	55	221	40	
9.7.63		9	15	230	55	
10.7.63		3	15	234	10	11.7.1963. Check 2 carried out to nos/c
11.7.63		3	35	237	45	A/C. DT 1/7/538. Cab handles
12.7.63		8	55	246	40	+ pump glands replaced.
13.7.63		4	30	251	10	
15.7.63			25	251	35	
16.7.63		9	25	261	00	17.7.63 Check 1 carried out to nos/c
17.7.63		7	15	268	15	
18.7.63		8	20	276	35	
19.7.63		10	15	286	50	
20.7.63		5	00	291	50	23.7.1963. Check 3 carried out to nos/c
24.7.63			30	292	20	tightened.
25.7.63		9	20	301	40	
26.7.63		7	25	308	05	
27.7.63		5	10	314	15	
Carried	Forward	1615	30	314	15	

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

I hereby certify that the inspection/overhaul/repair/  
replacement/modification specified above has been carried out in  
accordance with the requirements of chapter A-3 of British Civil  
Airworthiness Regulations.  
Signed W. J. B. Jones Firm W. J. B. Jones  
A.R.B. Approval Ref. or Licence No. 2046  
Date 11.7.1963.

W. J. B. Jones scab.

I hereby certify that the inspection/overhaul/repair/  
replacement/modification specified above has been carried out in  
accordance with the requirements of chapter A-3 of British Civil  
Airworthiness Regulations.  
Signed W. J. B. Jones Firm W. J. B. Jones  
A.R.B. Approval Ref. or Licence No. 2046  
Date 23.7.1963.



AIRCRAFT C-47B

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)		
		HOURS	MINS.	HOURS	MINS.	
Brought Forward		1630	30	379	15	
27.9.63			20	379	35	
28.8.63		2	35	382	10	28.8.1963 Check 1 carried out to
1.9.63		1	15	383	25	
12.9.63		1	30	384	55	12.9.63 Check 1 carried out
15.9.63			30	385	25	
17.9.63			30	385	55	
18.9.63			40	386	35	
19.9.63	2	15	388	50	27.9.1963	Check 1 carried out to NS/
30.9.63			30	389	20	
12.10.63			20	389	40	12.10.1963 Check 1 carried out to
13.10.63			15	389	55	
14.10.63			20	390	15	
21.10.63			45	391	00	
24.10.63			30	391	30	
7.11.63			15	391	45	7.11.1963. Spray gear removed + feather
Carried Forward		1692	00	391	45	

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

NS/Chipmunk/25

K. H. Jones 2046.

to NS/Chipmunk/25

K. H. Jones 2046.

chipmunk/25.

K. H. Jones 2046.

NS/Chipmunk/25.

K. H. Jones 2046.

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

Airworthiness Regulations.

Signed K. H. Jones

Firm

R.E. Approval Ref. or Licence No.

Date 7.11.63



## AIRCRAFT

GATS

- (1) Particulars of maintenance
- (2) Particulars of overhauls,
- (3) Certificate that in carrying regulations for the time

(5)

Hole repaired in LE of port Tiffane to Sep. 7/10 Page 88  
flap. Backs held.

I hereby verify that the installation/revision/repair/ replacement/modification appearing above has been carried out in accordance with the requirements of chapter A-53 of British Civil Aircraft Regulations.

Signed W. J. J. J. J. Firm AVIATION

W. J. J. J. J. of London No. 8066

Date 24-2-64



# FARM AVIATION LTD.



Directors:  
G. C. BECKWITH, B.Sc.(Eng.)  
M. A. PRUDEN  
W. S. BOWKER

RUSH GREEN  
HITCHIN  
HERTFORDSHIRE  
Telephone Stevenage 3447

## LOG BOOK CERTIFICATE

CHIPMUNK G-APOS

Engine No. 11064

Check V carried out to approved schedule FAL/CHIP

DH TNS CT Cl. 73, 133, 144, 50, 53, 109, 140, 52, 28, 122, 126, 141, 129, 120, 119, 81, 89, 115 complied with.

Following components removed: Cowlings and propeller with hub. Oil and fuel tanks. Main undercarriage and tailskid. Hopper. Cockpit canopy, all fairings and inspection panels. Root end attachment pins removed individually. Flaps and flap brackets.

Weld repair carried out, port upper corner of canopy frame. Cable at flap lever in cockpit replaced by serviceable cable ex G-AOTF. New bolt fitted at flap lever pivot in cockpit. 3" fabric tape attached to upper surface of wings at joint with metal skin. New inner flap bearings Batch 76/63 fitted port and starboard. New shackle pins fitted in elevator trim tab. Redundant holes for discontinued spray equipment blanked in lower fuselage skin.

New gaiter fitted at tailwheel strut.

Serviceable tailwheel ex G-AOTF fitted.

New bolts at upper and lower ends of tailwheel compression strut.

New main and rebound rubbers in undercarriage legs Batch 74/63.

Torque links re-bushed Batch 39/63 and 45/63. Centre torque link bolts 45/63. New pads starboard brake 7/63.

Control surface movements checked and noted.

E.S.I. S. No. 52585/43 and E.S.I. Generator 29769/43 overhauled Batch 84/63.

Cylinder head temperature gauge, A.S.I., Altimeter, Oil pressure gauge calibration checked.

Fire extinguisher check weighed, First Aid kit overhauled.

Compass swing required.

Duplicate inspection of flying controls carried out

*A.M. Jager*  
L.A.E. 10.15.....

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.M. Jager* Firm FARM AVIATION LTD.

A.P.S. Approval Ref. or Licence No. 2046

Date 10.2.1964

— Aerial spreading and spraying contractors and engineers



AIRCRAFT GABOS

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)		
		HOURS	MINS.	HOURS	MINS.	
		Brought Forward				
21.3.64		4	00	34	25	
23.3.64		1	05	35	30	23.3.1964. Cock 1 carried out to
26.3.64		6	15	41	45	
27.3.64		8	25	50	10	
28.3.64		3	00	53	10	
31.3.64			35	53	45	31.3.1964 Cock 1 carried out to
1.4.64		4	40	58	25	
6.4.64		6	45	65	10	
7.4.64		6	10	71	20	8.4.1964 Cock 3 carried out to
9.4.64		1	10	72	30	
10.4.64		8	15	80	45	
11.4.64		9	00	89	45	
12.4.64		1	35	91	20	13.4.1964 Cock 1 carried out to MS/chip/25. Servicable seat harness shoulder straps fitted.
13.4.64		1	40	93	00	
16.4.64		3	00	96	00	
Carried Forward	1867	10	96	00		

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying  
regulations for the time

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

MS/FAL/CHIP. Compass swing + deviation card raised.

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 Regulations.  
Signed: [Signature] Firm: RAY AERONAUTICAL  
A.R.B. Approval Ref. or Licence No. 2046  
Date: 23.3.1964

MS/chip/25.

[Signature] 2046

MS/chip/25.

[Signature] 2046

[Signature] 2046



## AIRCRAFT

G-APOS

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MINS.	HOURS	MINS.
Brought Forward		1760	05	459	50
3.3.64		2	00	461	50
3.3.64		3	25	465	15
4.3.64		1	30	466	45
5.3.64		1748	10	470	55
6.3.64		4	35	4	35
9.3.64		1	45	6	20
10.3.64		7	35	13	55
11.3.64		1	20	15	15
12.3.64			10	15	25
13.3.64		7	25	22	50
16.3.64		1	00	23	50
17.3.64			35	24	25
18.3.64		1	10	25	35
19.3.64		1	30	27	05
20.3.64		3	20	30	25
Carried Forward		1801	35	30	25

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying  
regulations for the time

3.3.1964 Check 1 carried out to  
5.3.1964 Check 2 carried out to FAL  
CHIP

Certified that this aircraft is approved  
for renewal of Certificate of Airworthiness.

*J. H. King*  
Air Registration Board  
Hatfield.

6th. March 1964.

17.3.1964. Carbon deposit removed from  
Overhauled plug fitted part + etc.

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

FAL/CHIP

CHIP

9046

9046

14.3.1964. Check 1 carried out to N/FAL/CHIP

9046

about the guide & vicinity of valve spring.

I hereby certify that the inspection/overhaul/repair/  
replacement/modification specified above has been carried out in  
accordance with the requirements of Chapter A-3 of British Civil  
Airworthiness Regulations.  
Signed *J. H. King* Firm *Form QUATON*  
A.R.B. Approval Ref. or Licence No. *9046*  
Date *17.3.1964*



AIRCRAFT C-47B

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)		(5)
		HOURS	MIN.	HOURS	MIN.	
Brought Forward		1867	10	96	00	
17.4.64		2	00	98	00	
21.4.64		2	15	100	15	
23.4.64		1	10	101	25	
24.4.64		6	35	108	00	
25.4.64			35	108	35	27.4.1964 Check 1 carried out to MS/
29.4.64		2	20	110	55	
30.4.64		3	05	114	00	
1.5.64		4	35	118	35	
2.5.64		3	25	122	00	
4.5.64			20	122	20	4.5.1964. Check 1 carried out to MS (left)
5.5.64		1	15	123	35	Duplicate inspection carried
6.5.64		1	45	125	20	
7.5.64		2	15	127	35	
9.5.64		3	10	130	45	
12.5.64		1	05	131	50	
Carried Forward		1903	00	131	50	

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying  
regulations for the time

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

Lynmouth 125

25. Bat gate elevator hinge bolt tightened.  
out. W. B. 552

I hereby certify that the inspection/overhaul/repair/  
replacement/modification specified above has been carried out in  
accordance with the requirements of Chapter 4-3 of Section 101  
Aircraft Maintenance Manual.  
Signed W. B. 552 from FAIR AVIATION  
A.R.M. Approval Ref. or License No. 2046  
Date 4.5.64







## AIRCRAFT

3-APB

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MINS.	HOURS	MINS.
Brought Forward		1959	30	188	20
4.6.64		1	30	189	50
9.6.64		1	45	191	35
10.6.64		1	35	193	10
11.6.64		3	10	196	20
12.6.64		1	20	197	40
13.6.64		1	40	199	20
16.6.64			50	200	10
20.6.64		2	00	202	10
22.6.64		2	30	204	40
23.6.64		4	25	209	05
24.6.64		3	15	212	20
25.6.64		4	10	216	30
26.6.64		4	20	220	50
29.6.64			40	221	30
1.7.64		2	15	223	45
Carried Forward		1994	55	223	45

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying  
regulations for the time

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

19.6.64. Deck 1 carried out to NS/ Dependent 125.

29.6.1964. Deck 1 carried out to NS/ Dependent 125.

NS/Dependent 8046.

NS/Dependent 8046.



AIRCRAFT C-47B

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MINS.	HOURS	MINS.
Brought Forward		2041	25	270	15
27.7.64		2	25	272	40
28.7.64			40	273	20
29.7.64		3	25	276	45
30.7.64		1	45	278	30
30.7.64		2	00	280	30
31.7.64		1	15	281	45
4.8.64		4	30	286	15
5.8.64			50	287	05
7.8.64		4	50	291	55
10.8.64			50	292	45
12.8.64		1	05	293	50
16.8.64		1	00	294	50
19.8.64		2	45	297	35
20.8.64		7	20	304	55
21.8.64		7	50	312	45
Carried Forward		2083	55	312	45

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying  
regulations for the time

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

30.7.1964 Check 1 carried out to

MS/Chp 1/25.

19.8.64. Check 2 carried out to MS/Chp 1/25. Brake adjuster and rods adjusted. Ladder cable adjusted. Duplicate canopy door pin replaced. OK/1

1/25. Brake adjuster and rods adjusted. Ladder cable adjusted. Duplicate canopy door pin replaced. OK/1

I hereby certify that the inspection/overhaul/repair/  
replacement/modification specified above has been carried out in  
accordance with the requirements of Chapter A-3 of British Civil  
Airworthiness Requirements.  
Signed [Signature] Firm Finlay Aviation Ltd  
A.R.B. Approval Ref. or Licence No. 9632  
Date 19.8.64



## AIRCRAFT

C-47B

DATE (1)	Brought Forward	Hour (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
			HOURS	MIN.	HOURS	MIN.
			1994	55	223	45
2.7.64			3	20	227	05
3.7.64				45	227	50
4.7.64			1	45	229	35
9.7.64			1	15	230	50
10.7.64			5	15	236	05
13.7.64			3	25	239	30
14.7.64			4	00	243	30
15.7.64			3	15	246	45
16.7.64			3	25	250	10
17.7.64			2	30	252	40
20.7.64			4	00	256	40
21.7.64			4	05	260	45
22.7.64			5	45	266	30
23.7.64			2	35	269	05
24.7.64			1	10	270	15
Carried Forward			2041	25	270	15

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying  
regulations for the time

9/7/64 Check III carried out to  
 (1) Dope work on wings and  
 (2) Small hole in port flap  
 (3) Leather cover of control  
 (4) Replaced tyres Port Batch

167

20.7.1964. Check I carried out to

carried out.  
 repairs, replacements or modifications to the aircraft.  
 out the overhaul, etc., all the conditions and requirements of the air navigation  
 being in force which are applicable thereto have been complied with.

(5)

MS/Chipmunk/25  
 tail plane carried out due to cracks in dope.  
 and redope lifting patch and STBD flap.  
 stick repaired  
 197/64, STBD Batch 198/64, Tail Batch 184/64

I hereby certify that the inspection/overhaul/repair/  
 replacement/modification described above has been carried out in  
 accordance with the requirements of Chapter A4-3 of British Civil  
 Airworthiness Requirements.  
 Signed: [Signature] FA Ltd  
 A.R.B. Approval Ref. or Licence No. [Signature]  
 Date 2.7.64 SAC

MS/Chipmunk/25.

SAC



AIRCRAFT G-A.P.O.S

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MINS.	HOURS	MINS.
Brought Forward		90	33	31	45
25.5.64		2	45	31	30
1.3.65			40	31	10
2.3.65			30	31	40
3.3.65			30	31	10
5.3.65		1	00	31	40
		20	39	31	10
Carried Forward					

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying-  
regulations for the time

27/2/65 Check 1 carried to

Time corrected for error 25.5.64.

Certified that this aircraft is approved for  
renewal of Certificate of Airworthiness.

*John King*  
Air Registration Board  
5th. March 1965.  
*Redfield*

- carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)  
MS/Chigmark/25

*John King*



# FARM AVIATION LIMITED

RUSH GREEN · HITCHIN · HERTFORDSHIRE

(Approved under Air Registration Board Authority No. A1/7183/64)

DIRECTORS: G. C. BECKWITH, B.Sc.(Eng.) W. S. BOWKER M. A. PRUDEN



Telephone  
STEVENAGE  
3447 and 2775

## LOG BOOK CERTIFICATE

G-APOS

Engine No. 11064

Chipmunk Mk 23

Gipsy Major 10/2

Check 5 carried out to approved Maintenance Schedule MS/Chipmunk/25

Following extra work was carried out.

1. Both wings removed from airframe including flaps and ailerons  
All dope work stripped and retreated according to Titanine  
Butyrate dope scheme TT3 except port wing underside - approx  
9 feet from root new fabric inserted and restrung. Fabric  
Batch No. 273/64. Butyrate dope Batch No. 287/64 and App. Cert.  
No. T2957
2. CT C1 133 on flaps carried out satisfactorily
3. New hopper manufactured by 'Novaplas' to drawing No. C1-Z-2027  
inspected and found satisfactory
4. Aperture (For above hopper) outlet fitted with doubler frames  
and intercostals to Drg. FA/C1/001. Materials L72 20 SWG,  
Batch No. 262/64. 22SWG Batch No. 127/64. 18 SWG Batch No. 1/64
5. A.S.I. Serial No. 5324/7 (Batch No. 292/64) also Altimeter Serial  
No. 576/55 (Batch No. 293/64) fitted. (Overhauled by Airline  
Instruments). A.S.I. checked in lines and found satisfactory  
after installation.
6. Sliding blocks to canopy 3 off renewed Batch No. 2/65. Canopy  
sound-proofed.
7. Main wheel port new bearing fitted Batch No. 276/64
8. Tail wheel new inner tube fitted Batch No. 96/64
9. New seals fitted port wheel hydraulic pad operating cylinder  
Batch No. 308/64
10. Duplicate inspection of controls
11. Aircraft re-assembled, rigging and controls checked and found  
satisfactory.
12. Finally resprayed to Titanine Butyrate scheme TT3 in blue and  
white.

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] Firm Farm Aviation Ltd  
A.R.B. Approval Exp. or Licence No. 362  
Date 27/2/65



## AIRCRAFT

C-46B

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MINS.	HOURS	MINS.
		2088	40		
Brought Forward		2089	20	2	40
8.3.65		4	45	7	25
11.3.65		2	35	10	00
12.3.65		7	05	17	05
15.3.65		1	45	18	50
17.3.65		4	10	23	00
18.3.65		5	15	28	15
19.3.65		1	20	29	35
22.3.65		1	30	31	05
23.3.65		1	00	32	05
24.3.65		3	15	35	20
25.3.65		3	30	38	50
26.3.65		4	10	43	00
1.4.65		2	20	45	20
2.4.65		6	00	51	20
5.4.65		5	40	57	00
Carried Forward		2143	40	57	00

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying  
regulations for the time

18.3.1965 Check 1 carried out

28.3.1965 Check 1 carried out \*

carried out.

repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(3)

to MS/Chymuth 125.

MS/Chymuth 125.

K. Baker 9046.

K. Baker 9046.



## AIRCRAFT.....

C-47B

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)		
		HOURS	MIN.	HOURS	MIN.	
Brought Forward		2143	40	57	00	
6.4.65		2	15	59	15	
7.4.65		4	30	63	45	12.4.1965 Check 1 carried out
9.4.65		4	00	67	45	
15.4.65		3	00	70	45	
10.5.65		5	15	76	00	30 4 65 Check 2 carried out
11.5.65		5	15	81	15	Per no K 531
12.5.65		3	45	85	00	
17.5.65		6	55	91	55	
18.5.65		3	05	95	00	
21.5.65			45	95	45	13.5.65 Check 1 carried out to
31.5.65		4	05	99	50	28.5.65 Check 1 carried out to
1.6.65		3	30	103	20	
2.6.65		2	05	105	25	15.6.65 Check 1 carried out to
15.6.65		2	00	107	25	
16.6.65		4	25	111	50	
Carried Forward		2198	30	111	50	

- (1) Particulars of maintenance
- (2) Particulars of overhauls,
- (3) Certificate that in carrying regulations for the time

carried out.

repairs, replacements or modifications to the aircraft.

out the overhaul, etc., all the conditions and requirements of the air navigation being in force which are applicable thereto have been complied with.

(5)

to NS/Chipmunk 125

to NS/Chipmunk/25. Same as wheel but fitted to port  
original type fitted to this but.

I hereby certify that the locomotion/steering gear  
replacement/modification specified above has been carried out in  
accordance with the requirements of Chapter A-3 of British Civil

Airworthiness Requirements.

Signed John Firm FRANK AVINSON LTDA.R.B. Approval Ref. or Licence No. 362Date 30-4-65W. Jones 9046W. Jones 9046W. Jones 9046



AIRCRAFT C. A. P. O. S.

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MINS.	HOURS	MINS.
Brought Forward		2198	30	111	50
19.6.65		5	25	117	15
22.6.65			50	118	05
23.6.65		6	00	124	05
24.6.65		1	50	125	55
25.6.65		1	15	127	10
28.6.65		5	00	132	10
29.6.65			50	133	00
30.6.65		3	00	136	00
1.7.65		7	30	143	30
2.7.65		5	00	148	30
3.7.65		5	15	153	45
5.7.65		6	00	159	45
6.7.65		5	30	165	15
7.7.65		1	40	166	55
12.7.65		3	00	169	55
Carried Forward		2256	35	169	55

- (1) Particulars of maintenance  
(2) Particulars of overhaul,  
(3) Certificate that in carrying  
regulations for the time

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

28.6.65. Check I carried out to

HS/chpman 125

2.7.65 Check III carried out to  
altimeter Bk 143/65HS/chpman 125 Wheel bearings renewed  
Port lower strut 143/65 & 146/65

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

Airworthiness Regulations

Signed John H. Jones 28.7.65

X-100. Approved Rep. of License No.

Date



AIRCRAFT.....C-4702

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MINS.	HOURS	MINS.
Brought Forward		2256	35	169	55
13.7.65		6	25	176	20
14.7.65		9	25	185	45
16.7.65		1	10	186	55
17.7.65		9	15	196	10
18.7.65		3	30	199	40
19.7.65		5	00	204	40
20.7.65		2	00	206	40
21.7.65		5	00	211	40
22.7.65		2	00	213	40
23.7.65		3	15	216	55
24.7.65		2	30	219	25
25.7.65		3	00	222	25
31.7.65		3	30	225	55
1.8.65		2	30	228	25
2.8.65		3	00	231	25
Carried Forward		2318	05	231	25

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying  
regulations for the time

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

26

Check 1 carried out to MS/Chippmunk 125

13.7.65. JH 3066

Check 1 carried out to MS/Chippmunk 125

18.7.65. JH 3032

Check 2 carried out to MS/Chippmunk 125.  
Check 1 carried out to MS/Chippmunk 125.

25.7.65. JH 3032

31.7.65. JH 3032



## AIRCRAFT.....

CAPOS

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MIN.	HOURS	MIN.
Brought Forward		2359	40	273	
17 8 65		5	00	278	
18 8 65		4	00	282	
19 8 65		4	30	286	30
20 8 65		1	00	287	30
23 8 65		1	00	288	30
24 8 65		4	35	293	05
13.9.65		3	05	296	10
14.9.65		4	20	300	30
21.9.65		1	30	302	
27.9.65			30	302	30
28.9.65		2	45	305	15
12.10.65			45	306	
13.10.65		0	15	306	15
19.10.65		1	00	307	15
19.10.65		1	00	308	15
Carried Forward		2354	55		

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying  
regulations for the time

24/9/65 Check I carried

8/10/65 Check I carried

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

out to MS/ Chapman/25

JHWS 3632

out to MS/ Chapman/25

JHWS 3632



AIRCRAFT.....G-APOS

DATE	HOUR	TIME IN AIR		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS		
		(3)		(4)		
(1)	(2)	HOURS	MINS.	HOURS	MINS.	
Brought Forward	Forward	2318	05	231	25	
3.8.65		10	05	241	25	Engine No 11064 time expired
4.8.65		1	45	243	10	*5min error Engine No 10878 Run 86.15
5.8.65		3	45	246	55	
6.8.65		0	30	247	25	
6.8.65		1	45	249	10	check 1 carried out to MS 1
7.8.65		5	00	254	10	
8.8.65		3	00	257	10	
9.8.65		1	00	258	10	
10.8.65		2	00	260	10	
11.8.65		2	00	262	10	
12.8.65		3	00	265	10	
13.8.65		2	45	267	55	17.8.65 Check 1 carried out
16.8.65		5	00	272	55	31.8.65 Check 1 carried out
*						10.9.65 Check <u>III</u> carried out to MS
Carried Forward	Forward	2359	40	273		+5. error 20.

- (1) Particulars of maintenance repairs, replacements or modifications to the aircraft.  
 (2) Particulars of overhauls, out the overhaul, etc., all the conditions and requirements of the air navigation being in force which are applicable thereto have been complied with.  
 (3) Certificate that in carrying regulations for the time

carried out.  
 repairs, replacements or modifications to the aircraft.  
 out the overhaul, etc., all the conditions and requirements of the air navigation being in force which are applicable thereto have been complied with.

(5)

removed from Aircraft  
 hours fitted in Aircraft G-APOS

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

Signed Montgomerie Firm Farm Aviation Ltd  
 A.P.B. Approval Ref. no. License No. A1/7183/64  
 Date 31/7/65



Chipmunk 125 6.8.65. John 362

to MS components 25  
 to MS components 25-  
 out to 015 Chipmunk 25

John 362  
John 362  
John 362

AIRCRAFT.....G.A.P.S.

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MIN.	HOURS	MIN.
Brought Forward					
20-10-65		1	00		
Carried Forward					

- (1) Particulars of maintenance  
 (2) Particulars of overhauls,  
 (3) Certificate that in carrying  
 regulations for the time

22/10/65 Check I carried out  
 5/11/65 Check I carried out

carried out.  
 repairs, replacements or modifications to the aircraft.  
 out the overhaul, etc., all the conditions and requirements of the air navigation  
 being in force which are applicable thereto have been complied with.

(5)

to HS / Chipmunk / 25

J. H. Long 3632

to HS / Chipmunk / 25

J. H. Long 3632



## AIRCRAFT

GAPOB Rhine MA 23

DATE (1)	Brought Forward	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)		
			HOURS	MIN.	HOURS	MIN.	
			2394	55	308	15	
12.1.66			2	15	310	30	12.1.66 Check 1 carried out to
13.1.66			1	45	312	15	
28.1.66				30	312	45	27.1.66 Check 1 carried out to
1.2.66			1	00	313	45	
21.2.66			2100	20	314	05	21.2.66 Check 1 carried out to
28.2.66			2101	45	315	50	Corrected total (this year flying + log & corrected)
1.3.66			5	00	320	50	
2.3.66			4	00	324	50	
7.3.66			1	30	326	20	Certified that this aircraft is approved for renewal of Certificate of Airworthiness
8.3.66			3	00	329	20	
9.3.66			6	15	335	35	
10.3.66			1	30	337	05	
11.3.66			2	30	339	35	
12.3.66			5	00	344	35	
13.3.66				30	345	05	
	Carried Forward		2431	45	345	05	

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying regulations for the time

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation being in force which are applicable thereto have been complied with.

(5)

MS/Chapman 125

A. Brown 9046

MS/Chapman 125

A. Brown 9046

to MS/Chapman 125

A. Brown 9046

7.3.66. Check I carried out to MS, Chapman, 25  
Propeller S/N FR 41759 removed (damage to tip). New propeller  
S/N FR 41469 fitted (Dkt 70/66). Spun run → test flight  
satisfactory. Hydraulic brake pipe on stbd  
by replaced serviceable pipe ex GAPAC. Stbd  
jettison window (copy) replaced serviceable  
window ex GAPAC.

MS/Chapman 125

I hereby certify that the inspection/overhaul/repair/  
replacement/modification specified above has been carried out in  
conformance with the requirements of Chapter 216 of British Civil  
Aviation Regulations.  
Signed: A. Brown FIM: FRM 1101111111  
A.E.H. Approval Apt. or License No. 3621  
Date 7.5.66

A. Brown 9046

# AIRCRAFT

C-47B

31

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)		
		HOURS	MIN.	HOURS	MIN.	
Brought Forward		2431	45	345	05	
14.3.66		2	45	347	50	13.3.66 Check 1 carried out to
15.3.66		6	00	353	50	
16.3.66		5	30	359	20	
17.3.66		6	00	365	20	21.3.66 Check 2 carried out to
21.3.66		3	30	368	50	and brakes re filled
22.3.66		5	30	374	20	
23.3.66		3	30	377	50	
24.3.66		3	30	381	20	
25.3.66		3	30	384	50	
29.3.66		3	00	387	50	30.3.66 Check 1 carried out to
30.3.66			30	388	20	
31.3.66		6	30	394	50	
6.4.66		1	00	395	50	4.4.66 Check 1 carried out to
25.4.66		3	30	399	20	
29.4.66		5	00	404	20	18.4.66 Check 1 carried out
Carried Forward		2491	00	404	20	

- (1) Particulars of maintenance
- (2) Particulars of overhauls,
- (3) Certificate that in carrying regulations for the time

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

MS/Chpinch/25

W. H. Jones 9046

MS/Chpinch/25

Brake friction disc renewed sited 15th 51/66

I hereby certify that the aircraft named above is in conformity with the requirements of the Air Navigation Act of 1920 and the Air Navigation Regulations of 1921 and 1922 and is fit for service.  
Signed: John F. H. L. 60  
A.R.S. Approval Ref. No. 365  
Date 21.3.66

MS/Chpinch/25

W. H. Jones 9046

MS/Chpinch/25

W. H. Jones 9046

to MS/Chpinch/25

W. H. Jones 9046



## AIRCRAFT.....

C-47D

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)		
		HOURS	MIN.	HOURS	MIN.	
Brought Forward		2471	00	404	20	
30.4.66.		5	00	409	20	
1.5.66.		4	00	413	20	
2.5.66.		4	30	417	50	2.5.66. Check 1 carried out
3.5.66.		4	25	422	15	
7.5.66.		6	00	428	15	
10.5.66.		1	30	429	45	
10.5.66.		3	00	432	45	10.5.66 Check 1 carried out to
11.5.66.		1	00	433	45	
12.5.66.		5	00	438	45	
13.5.66.		4	00	442	45	
14.5.66.		1	15	444	00	
16.5.66.		1	00	445	00	
18.5.66.		6	30	451	30	
19.5.66.		3	00	454	30	20.5.66. Check 3 carried out to
20.5.66.		2	00	456	30	
Carried Forward		2543	10	456	30	

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying  
regulations for the time

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

to NS/Chpinch 125

H. Brown 9046

NS/Chpinch 125

H. Brown 9046

NS/Chpinch 125.

H. Brown 9046

# AIRCRAFT

G-APBS

- (1) Particulars of maintenance
- (2) Particulars of overhauls,
- (3) Certificate that in carrying regulations for the time

DATE	HOUR	TIME IN AIR		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS	
		(3)		(4)	
(1)	(2)	HOURS	MIN.	HOURS	MIN.
Brought Forward		2543	10	456	30
21.5.66		1	00	457	30
24.5.66		4	00	461	30
25.5.66		1	00	462	30
26.5.66		5	00	467	30
27.5.66		4	00	471	30
1.6.66		3	00	474	30
2.6.66		2	00	476	30
3.6.66		4	00	480	30
4.6.66		1	00	481	30
6.6.66		2	00	483	30
7.6.66		4	00	487	30
8.6.66		3	00	490	30
10.6.66		4	00	494	30
11.6.66		2	00	496	30
13.6.66		4	00	500	30
Carried Forward		2557	10	500	30

28.5.66 Tailwheel castor friction adjusted  
31.5.66 Check 1 carried out  
6.6.66 Check 1 carried out removed damaged at ex Chipmunk G-ATVF Movements checked & Check of controls

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation being in force which are applicable thereto have been complied with.

(5)

New tyre atals fitted Batch 227/65-95/64

to MS/Chipmunk/25 Port elevator (S/N DH/B/111)  
to MS/Chipmunk/25 Port elevator S/N PAC/DH/EP/24  
TE outer tip. Port elevator S/N PAC/DH/EP/24  
fitted temporary until repairs could be effected.  
found satisfactory Test flight satisfactory Duplicate  
by [Signature] FAH-2

I hereby certify that the inspection/overhaul/repair/  
replacement/modification specified above has been carried out in  
accordance with the requirements of Chapter A13 of British Civil  
Airworthiness Regulations.  
Signed: [Signature] Firm: F.A. Ltd  
Date: 6.6.66



## AIRCRAFT

G-APOS

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)		
		HOURS	MIN.	HOURS	MIN.	
Brought Forward		2587	10	500	30	
14.6.66		2	00	502	30	13.6.66. Check 1 carried out
15.6.66		1	05	503	35	24.6.66 Check 2 carried out
16.6.66		2	35	506	10	& original port elevator s/w
18.6.66		2	20	508	30	6.6.66) Golem system re
24.6.66			20	509	50	out by <u>W. Shaw</u> 2046 Main wheel
25.6.66			50	509	40	
26.6.66		1	45	511	25	
29.6.66		7	30	518	55	
30.6.66		6	35	525	30	
1.7.66		5	30	531	00	
2.7.66		4	00	535	00	
4.7.66			35	535	35	4.7.66 Check 1 carried out
5.7.66		4	30	540	05	
6.7.66		1	50	541	55	
8.7.66		5	00	546	55	
Carried Forward		2633	35	546	55	

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying  
regulations for the time

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

to 118/Chapter 125.  
to 115/Chapter 125. Port elevator removed s/w AC/121 from aircraft  
21/81 1" heavy been repaired fitted. (See entry of date  
tensured to 42 lbs. Duplicate sheet on controls carried  
heavy returns 20/1 reversed rtd Phil 28/6/66

NOT REPRODUCED BY ANY MEANS WITHOUT THE WRITTEN  
PERMISSION OF THE AIRCRAFT

NOT REPRODUCED BY ANY MEANS  
WITHOUT THE WRITTEN  
PERMISSION OF THE AIRCRAFT

to 115/Chapter 125

I hereby certify that the inspection/overhaul/repair,  
replacement/modification specified above has been carried out in  
accordance with the requirements of Chapter 4.4.3 of British Civil  
Airworthiness Requirements.  
Signed: W. Shaw Firm F. A. LTD  
A.E.B. Approval Ref. or Licence No. 3632  
Date 24. 6. 66

W. Shaw 2046

## AIRCRAFT

C-47B

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MINS.	HOURS	MINS.
Brought Forward		2633	35	546	55
9.7.66		2	00	548	55
10.7.66		1	00	549	55
11.7.66		5	00	554	55
12.7.66		3	20	558	15
Carried Forward		2644	55	—	Nil

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying  
regulations for the time

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

10.7.66 Check 1 carried out

12.7.66 Aircraft severely damaged in forced landing after engine failure.

to MS/Chapman 125

1/5/67 John sold

CERTIFIED THAT THIS AIRCRAFT IS APPROVED FOR  
THE RENEWAL/RENEWEDITION OF ITS CERTIFICATE OF  
AIRWORTHINESS

AIR REGISTRATION BOARD,  
NATIONAL OFFICE,  
DATE 28 July 1967



# FARM AVIATION LIMITED

RUSH GREEN · HITCHIN · HERTFORDSHIRE

(Approved under Air Registration Board Authority No. A1/7183/64)

DIRECTORS: G. C. BECKWITH, B.Sc.(Eng.) W. S. BOWKER M. A. PRUDEN



Telephone  
STEVENAGE  
53447 and 52775

## AIRFRAME LOG BOOK CERTIFICATE

Chipmunk Mk. 23      Registration G\_APOS      Engine No. 10878

Check 4 carried out to MS/Chipmunk/25 schedule plus the following:

### Alighting Gear

Both tyres and tubes renewed, tyres Batch No. 296/65  
tubes Batch No. 297/65

Tail wheel tyre and tube renewed, tyre Batch No. 201/65  
tube Batch No. 227/65

Main wheel bearing races renewed, both sides, Batch No. 282/65

Tail wheel bearing renewed 2 off Batch 253/65

Torque link bushes o/s renewed(stbd.) Batch No. 278/65

Tail wheel yoke strut pivot new bushes, Batch No. 271/65

new distance tube,      "      "      270/65

bolt,      "      "      50/63

Torque link centre bolts renewed, 2 off Bathch No. 276/65

All disks to brake units renewed, 4 off Batch No. 269/65  
and 4      "      "      268/65

### Mainplanes inc. flaps and ailerons

Mainplanes removed from fuselage, also flaps and ailerons.

Port flap replaced by repaired serviceable flap ex Chipmunk

G-AOSX      serial no. WF449

New root end hinge bracket fitted on stbd. flap, Batch No. 308/65

Several areas of dope work renovated and resprayed.

Flap pick up brackets at root rib cleaned of slight corrosion  
inside and inhibited.

Bearing races fitted in above brackets renewed 2 off Batch No. 251/65

Stbd. flap distance tube renewed Batch No. 310/65 and spacer  
Batch No. 309/65

### Tail Unit

Top hinge rudder inspection patch removed and found satisfactory.

T/E port elevator damage repaired.

Fabric repairs made where necessary.

Corrosion removed from T/P stay rods and reprotected.

Cut out in rudder leading edge at hinge point eased out slightly.



# FARM AVIATION LIMITED

RUSH GREEN · HITCHIN · HERTFORDSHIRE  
(Approved under Air Registration Board Authority No. A1/7183/64)

DIRECTORS: G. C. BECKWITH, B.Sc.(Eng.) W. S. BOWKER M. A. PRUDEN



Telephone  
STEVENAGE  
53447 and 52775

## AIRFRAME LOG BOOK CERTIFICATE

Chipmunk Mk. 23 Registration No. G-APOS Engine No. 10878

### Controls

Flap lever pivot bolt renewed, Batch No. 277/64  
Flap cables renewed, Batch No. 221/65  
and " " 281/65  
Trim (elevator) operating cable (short length round spool)  
renewed, Batch No. 279/65  
Flap cables in wings renewed (one each side) Batch No. 295/65

### Instruments

Oil temperature guage renewed s/n <sup>3296/43</sup> Batch No. 315/65  
Filters removed and cleaned all gyro instruments.

### Fuselage.

Hole for transmitter guage (contents) removed forward to inspection panel under front fuselage. Existing hole blanked off according to approved repair scheme as maker's handbook.  
Both hydraulic brake master cylinders dismantled and new seals fitted all round, Batch No. 329/65 and Batch No. 330/65

Miscellaneous New fire extinguisher and bracket fitted (B. C. F. type) Batch No. 11/66  
Resprayed where necessary.

DUPLICATE INSPECTION OF FLYING CONTROLS 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]* Firm: *Farm Aviation*  
A.R.B. Approval Ref. or Licence No. 9046  
Date: 12.1.1966



# FARM AVIATION LIMITED

RUSH GREEN - HITCHIN - HERTFORDSHIRE

(Approved under Air Registration Board Authority No. A1/7183/64)

DIRECTORS: G. C. BECKWITH. B.Sc. (ENG.) W. S. BOWKER M. A. PRUDEN

MEMBER



Telephone  
STEVENAGE  
53447 and 52775

## AIRFRAME LOG BOOK CERTIFICATE

Chipmunk Mk. 23

Construction No.  C1 0763

Airframe ~~7457~~<sup>2645</sup> hrs. 45 mins.

Total time flown since last C of A 1593 hrs.

Check 5 carried out to MS/Chipmunk/25 plus following:

Serial Nos. of components as follows:

Fuselage DH/F/72 (Ex G-ARGH) Since steel spar boom fitted 18.10.63<sup>4457 hrs.</sup>  
Mainplane port FAL/DH/B/701 (Ex G-ARGH) 302 hrs. run of 4000 hr.  
stbd FAL/DH/446 " spar life.

Aileron port DH/B/WA/431 ✓  
stbd FL/DH/C/A/541

Flap port FAL/DH/173F ✓  
stbd FAL/DH/CIF 36 ✓

Elevator port PAC/DH/EC/36  
stbd DH/B/EW/159

Tailplane DH/B/788

Rudder DH/B/2538

Fin DH/B/FA/95

A.S.I.	7151/59
Altimeter	J2764/49
R.P.M. Indicator	1585/53
Turn & Slip	239/53
Compass	14907/44 (P8)
R.P.M. generator	21885/43
Oil temp. indicator	246/36
Oil pressure gauge	20224/52
Fuel tank stbd	DH 158256
port	DH 158255

### Fuselage

Structure overhauled and converted to Mk.23 standard.

Canopy complete from G-APOS fitted. Battery bay cleaned and reprotected, vent holes blanked off. New frame strips for front windscreen fitted.



## Registration G-APOS

### Fuselage (contd)

Interior treated with primer followed by TT16 gloss black. Aeroquip fuel pipes fitted in place of Tungum in wing roots. Batch 91/67

### Mainplanes Port.

Damaged ribs Nos. 6, 7, 8, and 9 and 10 together with section of flap shroud replaced from points between Rib 6 and 7 and outer end joint to Drg. RCLW/148. This section was replaced with all serviceable items ex mainplane Serial No. FL/DH/971 (ex G-APOS). Damaged section of leading edge skin between rib 6 and eight removed and patched to Fig. 6/15 makers repair manual. Root end brackets for flap bearings renewed Batch No. 249/66. Aileron cleaned, re-doped and sprayed. Overhauled flap Serial No. FAL/DH/173F fitted. New trailing edge Batch No. 74/67 and centre hinge bracket Batch 73/67 fitted. Whole flap recovered with fabric Batch No. 37/67. New zip fastener fitted Batch 37/67.

Stbd Ribs Nos. 17, 18, 19 and 20 found damaged and replaced by serviceable ribs ex mainplane Serial No. FL/DH/978 (ex G-APOS). Damaged section leading edge skin between rib 5 and 6 renewed according to makers repair scheme Fig. 6/15. Interior treated with primer and new fabric Batch 37/67 used to recover. Slight damage at outer end of flap repaired new bearing fitted to inner hinge point on mainplane Batch No. 249/66. Repair carried out to trailing edges of mainplane and aileron, redoped and sprayed to finish.

### Lighting gear

Both wheels removed from legs, dismantled and found satisfactory, re-assembled with new tyres Batch No. 86/67. Leg dismantled, checked and found satisfactory. Port - 1 set new compression rubber Batch 264/66 with spacers Batch 188/66 fitted and assembled. 1 off centre link bolt renewed Batch 276/65, links found satisfactory. Hydraulic  $\frac{1}{2}$  pipe line renewed Batch 268/66. Stbd. - all compression rubbers renewed Batch 245/66 also spacers Batch 60/67. Centre link bolt Batch 276/65 also top and bottom bolts renewed Batch 294/65 with bushes 277/65. Mudguards fitted to leg according to Minor Mod. No. HAT 661. All wheel bearings renewed Batch 164/66 also retainer 1 off stbd. outer Batch 283/65. Tail wheel assembly removed from fuselage serviceable fork and wheel hub fitted to existing yoke ex Chipmunk G-APOS.



## AIRCRAFT

G-AGS

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MIN.	HOURS	MIN.
Brought Forward		2644	58	—	NIL
13.7.67.		1	00	1	00
6.7.67		1	45	2	45
17.7.67			20	3	25
18.7.67		4	25	7	50
19.7.67		3	20	11	10
9.10.67.			30	11	40
30.10.67.			45	12	25
Carried Forward					

- (1) Particulars of maintenance
- (2) Particulars of overhauls,
- (3) Certificate that in carrying regulations for the time

carried out.

repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

19.7.67. Metal found in filters. etc

21.8.67.

Engine No 11951 removed  
out (including flight test)  
Std wheel removed owing to  
wheel ex GASLW. Two off  
outer bkl 283/65. Tyre

4.9.67

Chd1 carried out to MS/

19.9.67

Chd1 carried out to MS/

4.10.67.

Chd1 carried out to MS/

reversed from Service for investigation

for airframe and engine S/N 11460 fitted. All bkl's covered  
See engine log book for further details  
suspected fault in tyre Replaced complete  
tyres renewed bkl 98/67 also 1 off retained  
pressures checked & corrected.

Chpmt 125

Chpmt 125

Chpmt 125

I hereby certify that the inspection overhaul repair  
overhaul modification specified above has been carried out  
in accordance with the requirements of Chapter A-3 of British  
Airworthiness Regulations.  
Signed: *[Signature]* From: *[Signature]* *[Signature]*  
A.M.E. Approved not for Licence No. 3632  
Date: 21.8.67

*[Signature]* 9046

*[Signature]* 9046

*[Signature]* 9046





# AIRCRAFT.....

3-APR

DATE (1)	HOURS (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MINS.	HOURS	MINS.
Brought Forward		2664	55	20	00
28.3.68		2	20	22	20
29.3.68		1	10	23	30
1.4.68		1	30	25	00
23.4.68			20	25	20
24.4.68		2	00	27	20
25.4.68		4	15	31	35
26.4.68		1	15	32	50
1.5.68		3	25	36	15
2.5.68		1	50	38	05
4.5.68		1	15	39	20
9.5.68		1	10	40	30
11.5.68		1	50	42	20
18.5.68		1	00	43	20
20.5.68			45	44	05
29.5.68		4	00	48	05
Carried Forward		2693	00	48	05

305  
5.05  
27  
28.05

2664  
28  
2693

- (1) Particulars of maintenance
- (2) Particulars of overhauls,
- (3) Certificate that in carrying regulations for the time

18.3.1968.

Chd 1 carried out to

2.4.68.

Chd 1 carried out to

17.4.68

Chd 1 carried out to

2.5.68

Chd 1 carried out

17.5.68

Chd 1 carried out to NS/

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

NS/Chupint 125

NS/Chupint 125

NS/Chupint 125

to NS/Chupint 125

Chupint 125

18.3.68 9046

18.3.68 9046  
18.3.68 9046

18.3.68 9046

18.3.68 9046

# AIRCRAFT

67108.

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MINS.	HOURS	MINS.
Brought Forward		269	3 00	48	05
30.5.68		1	00	49	05
31.5.68		4	35	53	40
1.6.68		2	00	55	40
5.6.68			50	56	30
10.6.68		3	40	60	10
11.6.68		6	15	66	25
12.6.68		8	40	75	05
13.6.68		5	30	80	35
14.6.68		1	20	81	55
19.6.68		1	20	83	15
20.6.68		1	00	84	15
21.6.68		1	50	86	05
23.6.68			40	86	45
Carried Forward					

- (1) Particulars of maintenance
- (2) Particulars of overhauls,
- (3) Certificate that in carrying regulations for the time

1.6.68 Check 1 carried out to MS/ Chapter 125

16.6.68 Check 1 carried out to MS/ Chapter 125

Check IV carried out to MS Chapter 25  
25.6.68 2 off Bitch 42/68 2 off brake pads  
25.6.68 25.6.68 25.6.68

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

18.6.68 9046

18.6.68 9046

25 Full replacement made 5th 1/2 hydraulic hoses 2 off pads ATO  
ATO 25.6.68 25.6.68 25.6.68 25.6.68 25.6.68

I hereby certify that the inspection / overhaul report /  
replacement modification or specific survey has been carried out in  
accordance with the requirements of Chapter 844 of British Civil  
Airworthiness Requirements.  
Signed 25.6.68 Firm E.A. 100  
A.B.C. Approval Ref. or Licence No. 25.6.68  
Date 1.7.68



## AIRCRAFT

C-47 Pos.

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MINS.	HOURS	MINS.
Brought Forward		2770	35	38	55
25-7-68		5	55	44	50
26-7-68		1	45	46	35
29-7-68		6	25	53	00
30-7-68		1	10	54	10
31-7-68		2	00	56	10
2-8-68		3	45	59	55
3-8-68		1	40	61	35
4-8-68		1	00	62	35
5-8-68		4	00	66	35
6-8-68		2	05	68	40
10-8-68		6	35	75	15
12-8-68		1	05	76	20
13-8-68			25	76	45
14-8-68		1	15	78	
15-8-68		3	10	81	10
Carried Forward		2812	50	81	10

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying  
regulations for the time

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

31 5  
5.15  
37.00  
42.15  
38.55

2770 35  
42 15  
2812 50

31.7.1968.

Check 1 carried out to

81.10

MS/Chipmunk/25

K. R. 9046.

21.8.68 Check II, carried out to

MS/Chipmunk/25

K. R. 9046.

## AIRCRAFT.....

40

DATE	HOUR	TIME IN AIR		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS		(1) Particulars of maintenance (2) Particulars of overhauls, (3) Certificate that in carrying regulations for the time
		(3)		(4)		
		HOURS	MINS.	HOURS	MINS.	
(1)	(2)					
Brought Forward	Forward	2731	42	2760		CERTIFIED THAT THIS AIRCRAFT IS APPROVED FOR ISSUE/RENEWAL OF ITS CERTIFICATE OF AIRWORTHINESS/VALIDATION.
1.7.68		2	35	2	35	SURVEYOR... AIR REGISTRATION BOARD.
2.7.68		1	10	3	45	
3.7.68		2	40	6	25	
4.7.68		1	00	7	25	DATE ...
5.7.68		1	00	8	25	
9.7.68		1	55	10	20	
11.7.68			55	11	15	15.7.68
12.7.68		2	20	13	25	
15.7.68			30	14	05	
16.7.68		2	20	16	25	21.7.1968
18.7.68		7	00	23	25	
19.7.68		6	20	29	45	
20.7.68		3	10	32	55	21.7.1968
22.7.68		2	00	34	55	
24.7.68		4	00	38	55	
Carried Forward	Forward	2770	25	38	55	

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

2731 42  
38 55  
2770 35

MS/Chapman/25

MS/Chapman/25

MS/Chapman/25 9046

MS/Chapman/25 9046



CAB

- (1) Particulars of maintenance
- (2) Particulars of overhauls,
- (3) Certificate that in carrying regulations for the time

repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

A SES / Chemical 125  
 MS / Chemical 125.  
 MS / Chemical 125  
 MS / Chemical 125

Wagner 9046  
Wagner 9046  
Wagner 9046  
Wagner 9046

**REGISTRATION NOT TRANSFERABLE**

UNITED STATES OF AMERICA  
DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
CERTIFICATE OF AIRCRAFT REGISTRATION

This certificate  
must be in the air-  
craft when operated.

NATIONALITY AND  
REGISTRATION MARKS **N**  
40291

AIRCRAFT SERIAL NO.

00001

MANUFACTURER AND MANUFACTURER'S DESIGNATION OF AIRCRAFT

TURNER VAUGHN E CHIPMUNK  
ICAO Aircraft Address Code: 51133674

TURNER VAUGHN E  
15684 DEGAULLE CIR  
BRIGHTON CO 80603-3802

This certificate is  
issued for registra-  
tion purposes only  
and is not a certif-  
icate of title.  
The Federal Avia-  
tion Administration  
does not determine  
rights of ownership  
as between private  
persons.

INDIVIDUAL

It is certified that the above described aircraft has been entered on the register of the  
Federal Aviation Administration, United States of America, in accordance with the Convention  
on International Civil Aviation dated December 7, 1944, and with Title 49, United States Code,  
and regulations issued thereunder.

DATE OF ISSUE

June 26, 2001

*Marion C. Blakey*  
ADMINISTRATOR



U.S. Department  
of Transportation

Federal Aviation  
Administration

U.S. Department  
of Transportation

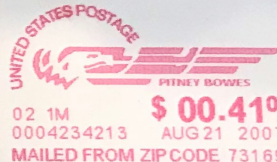
Federal Aviation  
Administration

Civil Aviation Registry  
P.O. Box 25504  
Oklahoma City, OK 73125-0504

Official Business  
Penalty for Private Use \$300

AC Form 8050-3(10/2003) Supersedes previous editions 40291

TO: TURNER VAUGHN E  
15684 DEGAULLE CIR  
BRIGHTON CO 80603-3802



(CUT ON DOTTED LINE)



AIRCRAFT... N40291

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying regulations for the time

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MINS.	HOURS	MINS.
Brought Forward		2818	20	00	00
1/18/03			15	15	
1/19/03			30	45	
1/20/03		1	20	2	05
1/26/03			40	2	45
1/31/03		1	10	3	55
2/2/03			45	4	40
2/08/03		1	30	6	10
2/14/03			110	7	20
2/28/03		1	00	8	20
Carried Forward		2826	40	8	20

Date 11-13-02. I find that the aircraft meets the requirements for the certification requested and have issued a SPECIAL Airworthiness Certificate dated 11-23-02. The next inspection is due 11-30-03.

*Joseph J. Jordan*  
Joseph J. Jordan, ART636235NM

FIRST FLIGHT, RT. AUX FUEL TANK CAP LEAKING  
+ BLADDER VENT. LEAKING, 2 STALLS  
OIL TEMPERATURE 115C, BLADDER VENT STILL  
LEAKING  
FUEL VENTS  
DEBURR/PISTON CLEAN STALLS, 15+20 MIN STALLS

INCREASED AIRSPEED TO 140, NO FLUTTER  
STALL STALLS 45° BRAKE

2 LOOPS 2 SLOW ROLLS

## Airframe Log Book Certificate

Registration formerly G-APOS now N40291  
Engine: Lycoming GO-480 B1A6 Serial No. L1239-28  
Propeller: Hartzell Hub with MT-Propeller blades  
Airframe recertified "Experimental Exhibition"

## Fuselage

Mounted Lycoming GO-480 Engine, Serial No. L1239-28. Attached Hartzell propeller. Mounted 155 and MT propeller blades, serial no's (6028, 6029, 6420). Modified Electrical wiring. New fuel and oil lines. New pitot and static tubing. Installed new instrument gauges. Converted brake system to Cleveland 6" wheels and brakes with Matco cylinder. Replaced seat and shoulder harness. Reskinned horizontal stabilizer. Replaced skin from rear tail with .025 2024 alcad aluminum. Modified rudder and vertical stabilizer. Rebuilt tail with .025 steel stiffeners to vertical stab and reinforced vertical stabilizer front attach point. Replaced rudder hinge. Elt installed aft of cockpit. Repacked tail wheel bearings. Installed into cockpit.

## Wings and Control Surfaces

Installed additional 14 gallon fuel tanks behind spar in each wing. Original fuel bladder replaced. Replaced original fabric on wings with .020 2024 alcad aluminum. Recovered all control fabric. Changed flap control cables to 1/8 inch diameter. Replaced most bearing and control rods throughout aircraft. See "bearing info" in Flight and Maintenance manual.

## Aircraft

Most original fasteners replaced throughout aircraft with new AN hardware. Painted aircraft. Calculated weight and balance. Added 11.5 lb. ballast to aft bulkhead. Aircraft within CG limits. See weight and balance schedule in Flight and Maintenance manual. TNS from Dehaviland researched.

*Vaughn P. Purnell*  
W/P 4132264  
10-15-02

SUPPLIED BY:

powell aviation services.

RECEIVED/CHECKED AVG. 01PART NO. C1-W493 QTY: 2DESCRIPTION: WING LINKCONDITION: OVERHAUL

INCOMING TRACEABILITY INFORMATION:

228181

STX LINE 1

Inspector

## Remarks

This component identified was:

- ☐ Cleaned & Tested ☐ Repaired  
☐ Modified ☒ Overhauled ☐ Rebuilt  
and inspected in accordance with current regulation of the Federal Aviation Administration, and is approved for return to service. Pertinent details of the work performed are on file at this repair station under order.

**AIRCRAFT FUEL CELL REPAIR**  
300 Airport Road • Eagle River, WI 54521  
D.O.T./FAA Approved Repair Station NLSR071N

Maintenance Release Form HA-104

## Airframe Log Book Certificate

Registration formerly G-APOS now N40291  
Engine: Lycoming GO-480 B1A6 Serial No. L1239-28  
Propeller: Hartzell Hub with MT-Propeller blades  
Airframe recertified "Experimental Exhibition"

### Fuselage

Mounted Lycoming GO-480 Engine, Serial No. L1239-28. Attached Hartzell propeller hub Serial no. D-155 and MT propeller blades, serial no's (6028, 6029, 6420). Modified Electrical and Fuel system. New wiring. New fuel and oil lines. New pitot and static tubing. Installed new instrument panels with American gauges. Converted brake system to Cleveland 6" wheels and brakes with Matco cylinder toe brakes. New seat and shoulder harness. Reskinned horizontal stabilizer. Replaced skin from rear of cockpit to front of tail with .025 2024 alcad aluminum. Modified rudder and vertical stabilizer. Rebalanced rudder. Added .025 steel stiffeners to vertical stab and reinforced vertical stabilizer front attach point. Added additional rudder hinge. Elt installed aft of cockpit. Repacked tail wheel bearings. Installed intercom between cockpits.

### Wings and Control Surfaces

Installed additional 14 gallon fuel tanks behind spar in each wing. Original fuel bladders reconditioned. Replaced original fabric on wings with .020 2024 alcad aluminum. Recovered all control surface with Poly fiber fabric. Changed flap control cables to 1/8 inch diameter. Replaced most bearings on control surfaces and control rods throughout aircraft. See "bearing info" in Flight and Maintenance manual. Installed new wing links.

### Aircraft

Most original fasteners replaced throughout aircraft with new AN hardware. Painted aircraft. Weighed aircraft. Calculated weight and balance. Added 11.5 lb. ballast to aft bulkhead. Aircraft within CG limits. See weight and balance schedule in Flight and Maintenance manual. TNS from Dehaviland researched.

*Vaughn Turner*  
WOP 2132264  
10-15-02



AIRCRAFT *N40291*

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MIN.	HOURS	MIN.
Brought Forward		2526	40	8	20
3-2-03		1	10	9	30
3-17-03			55	10	25
3-24-03		1	00	11	25
3-26-03			50	12	15
4-05-03		1	10	13	25
4-12-03		1	15	14	40
5-03-03		1	15	15	55
5-15-03			55	16	50
5-17-03		1	20	18	10
5-18-03		1	15	19	25
5-22-03		1	10	20	35
6-06-03			45	21	20
6-10-03		1	15	22	35
6-16-03		1	10	23	45
6-26-03		1	00	24	45
Carried Forward		2843	05	24	45

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying  
regulations for the time

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

INSTALLED KING K/196A TRANSMITTER. SERIAL NO 2837. REVISED WEIGHT & BALANCE *Walter J. Turner* AIP 2133264

## AIRCRAFT.....

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)	
		HOURS	MIN.	HOURS	MIN.
Brought Forward		2843	05	24	45
6-28-03		1	30	26	15
6-29-03			45	27	00
7-06-03			45	27	45
7-09-03			40	28	25
7-10-03		1	10	29	35
7-13-03			30	30	05
7-20-03		1	15	31	20
7-24-03		1	05	32	25
8-13-03			30	32	55
8-17-03		1	20	34	15
8-23-03		1	05	35	20
9-25-03			40	36	00
9-27-03		1	45	37	45
9-29-03		1	00	38	45
10-4-03			55	39	35
Carried Forward		2858	00	39	35

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying  
regulations for the time

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)



## AIRCRAFT.....

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)		
		HOURS	MINS.	HOURS	MINS.	
Brought Forward		2858	00	39	35	
10-19-03			35	40	10	
10-19-03			45	40	55	AEROBATIC'S LOOPS, SLOW ROLLS HAMMERSHO
11-20-03			—	40	55	"I certify that the aircraft has been
01-13-04		1	00	41	55	inspected on Nov. 20, 03 in accordance with
03-23-04			30	42	05	the scope & details of appendix D part 43 &
05-08-04		1	10	43	35	found to be in a condition for safe operation"
06-27-04		1	03	44	38	2859:15 BRIETT VAUGHN TURNER ATP 2132264
07-09-04		1	00	45	38	Vaughn Turner
08-01-04			45	46	23	
08-15-04			30	46	53	HAROLD SOMMER WITH
10-09-04		2	00	48	53	BOB TRUITER WITH TO BURLINGTON CO. GOOD TRIP
12-11-04		1	55	50	48	ERIC & I UP TO CASTLE ROCK SOME LOOPS & ROLLS
1-02-05		1	00	51	48	JIM CHANDLER LOCAL
2-03-05		1	00	52	48	me
4-03-05		1	30	54	18	CROSSCOUNTRY TO LIMON CO. & RETURN
Carried Forward		4872	43	54	18	

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying  
regulations for the time

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

I CERTIFY THAT THE PRESCRIBED FLIGHT TEST HOURS HAVE BEEN  
COMPLETED AND THE AIRCRAFT IS CONTROLLABLE THROUGHOUT ITS NORMAL  
RANGE OF SPEEDS AND THROUGHOUT ALL MANEUVERS TO BE EXECUTED, HAS NO  
HAZARDOUS OPERATING CHARACTERISTICS OR DESIGN FEATURES, AND IS SAFE FOR  
OPERATION Vaughn Turner PILOT/BUUNDER 10-19-03

I certify that the aircraft has been inspected on Dec 2, 04 in  
accordance with the scope and details of appendix D, part 43 & found to  
be in a condition for safe operation 2860:48:53  
BRIETT VAUGHN TURNER ATP 2132264  
Next inspection due Dec. 02, 05

## AIRCRAFT.....

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)		(5) Particulars of maintenance (2) Particulars of overhauls, (3) Certificate that in carrying regulations for the time
		HOURS	MIN.	HOURS	MIN.	
Brought Forward		2572	43	54	18	
5-7-05		1	30	55	48	X-COUNTRY FREEMONT COUNTY, CO & RETURN B.B. TAYLOR
6-26-05		1	20	57	08	TO FRONT RANGE AIRPORT CO EAR AIRSHOW & RETURN W. ROBT.
7-27-05		2	35	59	43	TO FORT COLLINS DOWNTOWN & RETURN 68TH
8-12-05			43	60	28	SPRINGS E. ICL WITH AUSTIN
8-18-05		1	30	61	58	EVERY MCCOMBS AERODROME
10-15-05		1	48	63	46	LAMAR & RETURN JOHN JAYNES
04-05-06		1	00	64	46	WWE - LOCAL SPRINGS ERS
05-15-06		1	30	66	16	BOB NEWGUARD, ERIC / LOCAL
06-09-06		1	05	67	21	SPRINGS E. FORT COLLINS DOWNTOWN, CO
06-10-06		5	00	72	41	FORT COLLINS, CO & SCOTTS BLUFF, NEB & MARTIN, S.D. & PIERRE, S.D. & FARGO, N.D.
06-11-06		1	20	74	01	FARGO ND & WARROAD, MINN. WITH TYRIL
06-13-06			35	74	36	WARROAD, MN & LOCAL W/ DAD
06-18-06		1	15	75	51	WARROAD MN & LOCAL RIDES
06-23-06		1	15	77	06	WARROAD, MN & PEMBINA, ND.
06-24-06			55	78	01	PEMBINA, ND & LOCAL W TOM HORD
Carried Forward		2896	26	78	01	

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

I certify that this aircraft has been inspected on Nov 29, 06  
in accordance with the scope and details of appendix D, part 43  
and found to be in a safe condition for operation. 2880:23 HAS TT  
Vaughn Turner at P2132264 Next inspection due Nov 27, 06



## AIRCRAFT.....

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)		
		HOURS	MINS.	HOURS	MINS.	
Brought Forward	Forward	2896	26	28	01	
08-08-06		1	05	79	06	PEMBINA ND. & CASSELTOWN N.D.
09-06-06		1	30	80	36	CASSELTOWN ND. LOCAL
09-26-06		5	30	86	06	CASSELTOWN ND & PIERRE SD (2:07), & SYDNEY NEB. (2:00), & SPRINGS EAST (1:23)
11-01-06						I certify that this aircraft has been inspected on Nov 1, 2006 in accordance with the scope and details of appendix D part 43 and found to be in a safe condition for operation
3-10-07			50	86	56	SPRINGS EAST & VAN AIR, BRIGHTON COLORADO
4-11-07			50	87	46	VAN AIR - LCL
5-13-07			1 50	89	36	WITH ERIC FOR SOME AEROBATICS
6-01-07			1 40	91	16	SPRINGS EAST - MEADOW LAKE - VAN AIR
9-14-07			1 55	93	11	SPRINGS EAST - VAN AIR WITH DAD
11-15-07			30	93	43	VAN AIR LCL FOR SOME AEROBATICS SOLO
5-09-08			1 30	95	13	VAN AIR LCL WITH DAD
5-11-08			1 45	96	28	VAN AIR ALONG FRT RANGE WITH DAD
6-21-08			1 25	97	53	SPRINGS EAST & RTN
6-28-08			1 00	99	13	FT - MORGAN & RTN.
7-5-08			45	99	58	VAN AIR & F.T. COLLINS/LOVELAND & RTN
Carried Forward	Forward	2918	01	99	58	

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying regulations for the time

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation being in force which are applicable thereto have been complied with.

(5)

I certify that this aircraft has been inspected on Nov 30, 2007 in accordance with the scope and details of appendix D part 43 and found to be in a safe condition for operation  
86:06 HR TT. AEP 2132264 Vaughn Turner Next inspection due Nov 2007

I certify that this aircraft has been inspected on Nov 30, 2007 in accordance with the scope and details of appendix D part 43 and found to be in a safe condition for operation

2912:08 TT Vaughn Turner AEP 2132264 Next inspection due Nov 2008

## AIRCRAFT.....

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)		(1) Particulars of maintenance (2) Particulars of overhauls, (3) Certificate that in carrying regulations for the time
		HOURS	MIN.	HOURS	MIN.	
Brought Forward		2918	21	99	58	
8-22-08		1	30	<del>101</del> 110	28	ROCKY MOUNTAIN SPRINGS EAST, COLORADO
8-29-08		1	15	111	43	VAN AIR LOCAL
9-6-08			50	112	33	VAN AIR → FT. COLLINS, COLO & RT
9-28-08			40	113	13	VAN AIR - LOCAL CHANGED OIL - CLEANED FILTER
11-02-08			20	113	33	VAN AIR LOCAL
11-20-08			40	<del>104</del> 114	13	VAN AIR LOCAL
1-25-09						I certify that the aircraft has been inspected on Jan 25, 09 with the engine and details of appendix part 43 and found to be in a safe condition for operation 2923.36 TT CIP 282244 Van Horn
2-04-09			110	115	23	VAN AIR - ALONG IRT RANGE WITH COKE
5-18-09			25	115	48	CHAMBERS TO PLATTE VALLEY SHOW
5-31-09			45	116	33	FT COLLINS PICKUP FISHING GEAR
7-11-09			125	117	58	EVERETT COLO - KELLY AIRPORT FOR PLAY-IN
8-22-09			45	118	43	JEFFCO FIELD, DENVER FOR AIR SHOW
9-12-09			305	121	48	BROKEN BOW, NEB & SIOUX CITY IOWA
9-13-09			220	124	08	MARTEN FIELD SIOUX CITY, NEB - FARCO N.D.
Carried Forward		1983	37	115	08	

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

(MARTEN FIELD NEB.)



## AIRCRAFT.....

- (1) Particulars of maintenance  
 (2) Particulars of overhauls,  
 (3) Certificate that in carrying  
 regulations for the time

carried out.  
 repairs, replacements or modifications to the aircraft.  
 out the overhaul, etc., all the conditions and requirements of the air navigation  
 being in force which are applicable thereto have been complied with.

(5)

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)			
		HOURS	MINS.	HOURS	MINS.		
Brought Forward		2933	31	115	08		
9-16-09		1	10	116	18	FARGO NR - PEMBINA N.D.	
9-17-09		1	00	117	18	PEMBINA - RED LAKE FALLS MINNESOTA	
9-23-09		5	00	122	18	RED LAKE - PIERRE S.D. - SCOTTS BLUFF NEB →	
11-14-09			30	122	48	AEROBATICS	
1-15-10		2941	11	122	48		
5-15-10			45	123	33	ERIE COLORADO FLY-IN	
5-16-10			50	124	23	VAN AIR TO SPRINGS EAST, ELLICOT CO.	
5-17-10			45	125	08	SPRINGS EAST RETURN TO VAN AIR	
6-19-10			1	35	126	43	MEADOW LAKE (CO) BREAKFAST
7-04-10			1	35	128	18	SPRINGS EAST (ELLICOT CO) + RTN
7-05-10			45	129	03	VAN AIR LCL	
9-07-10			65	129	58	VAN AIR LCL (MIKE TESTE)	
9-11-10			2	15	132	13	VAN AIR → SPEARFISH SD.
9-12-10			3	20	135	33	SPEARFISH SD → MANDAN N.D. 1:30 MANDAN
9-13-10			1	50	136	23	PEMBINA N.D. → TRIST RIVER MN
Carried Forward		2954	46	136	23		

VAN AIR CHANGED OIL

I certify that this aircraft has been inspected on Jan 15, 2010 with in  
 the scope and details of appendix part 43 and found to be in a  
 safe condition for operation 2941 TT Vaughn Tenn alt P 2132264

VAN AIR → SPEARFISH SD. 1:50

## AIRCRAFT

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)		(5) Particulars of maintenance (2) Particulars of overhauls, (3) Certificate that in carrying regulations for the time
		HOURS	MIN.	HOURS	MIN.	
Brought Forward		2954	46	136	23	
9-21-10		535		141	59	THREE RIVER MOUNTAIN & PIERRE SD 2:30 PIERRE &
11-27-10		40		142	38	VAN AIR LCL
2-05-11		—		142	38	
2-19-11		30		143	08	VAN AIR - LCL
3-01-11		45		143	53	VAN AIR - LCL
5-07-11		45		144	38	GRIS CO & BOURGEOIS CO. & RETURN
5-14-11		40		145	18	GREELY CO & RETURN
8-20-11		110		146	28	FLY ALONG FRT. RANGE NORTH OF FORT COLLINS COLO. WITH NEIGHBOR DAVE. W
8-20-11		135		148	03	TO SPRINGS EAST, ELICOT CO. & RTN
8-22-11		—		148	03	REPLACED ELECTRIC CLOCK WITH ELECTRIC QUARTZ 2 FROM CHIEF
10- -11		235		150	38	TO GUERNEY WY. & RETURN BUMPY RIDE
05-5-12		—		150	38	
05-12-12		45		151	23	GREELY CO & RETURN VAN AIR WITH D. WERNICK
06-09-12		130		152	53	TO BLACK FOREST SIGHT SEEING & RETURN
06-22-12		140		154	33	SPRINGS EAST & RTN
Carried Forward		9972	55	154	33	

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

SCOTTS BLUFF NE 1:50 SCOTTS BLUFF & BRIGHTON, CO (VAN AIR) 1:15 CHG. OIL SEE ENG. LOG BOOK

I certify this aircraft has been inspected on Feb 05, 2011 with in the scope and details of appendix part 43 and found to be in a safe condition for operation 142:38 TT Vaughn June ADP 2132264

COLO. WITH NEIGHBOR DAVE. W

2 FROM CHIEF

CLEANED FUEL SCREEN IN FUSELAGE, LUBRICATED TAIL WHEEL ASSEMBLY & certify this aircraft has been inspected on May 5, 2012 with in the scope & details of appendix part 43 and found to be in a safe condition for operation 150:38 TT Vaughn June ADP 2132264 GREASED ALL M.W. STRUT FITTINGS



## AIRCRAFT.....

DATE (1)	HOUR (2)	TIME IN AIR (3)		TIME SINCE RENEWAL OF CERTIFICATE OF AIRWORTHINESS (4)		
		HOURS	MINS.	HOURS	MINS.	
Brought Forward		2972	55	154	33	
6-23-12			55	155	28	VAN AIR - LOCAL
7-30-12			05	155	53	VAN AIR LOCAL
8-11-12			45	156	38	VAN AIR - GREGG & RTN
10-14-12	1	40	157	18		VAN AIR SPRINGS & RTN
10-28-12		50	158	08		VAN AIR - LCL ROPS & POLLS
11-16-12		45	158	53		VAN AIR - SPRS EAST. COMS BRW WITH DRIB
2-2-13		30	159	23		SPRINGS EAST LCL
3-5-13		40	160	03		SPRINGS EAST LCL
4-26-13		-	160	03		
7-04-13		55	160	58		SPRINGS EAST → VAN AIR
7-06-13	1	15	162	13		ERIC ALONG FRY RANGE
7-13-13		40	162	53		GREGG CO & RTN VAN AIR
7-27-13		135	164	28		SPRING EAST & RTN
8-01-13		225	166	53		VAN AIR → PIR
8-01-13		150	168	43		PIR → FAR
Carried Forward		2988	05	168	43	

- (1) Particulars of maintenance  
(2) Particulars of overhauls,  
(3) Certificate that in carrying  
regulations for the time

carried out.  
repairs, replacements or modifications to the aircraft.  
out the overhaul, etc., all the conditions and requirements of the air navigation  
being in force which are applicable thereto have been complied with.

(5)

I certify this aircraft has been inspected on April 26, 2013  
with in the scope and details of appendix part 43 and found to be in  
a safe condition for operation 160:03 TT Vantage 200 2132264

NICE TAIL WIND FIRST HOUR ~~21~~ GAL FUEL: 24

TEEN SIGHT SEEING OVER SOUTHERN N.D. 21 GAL. FUEL

	Time in Air Hours: Min	Time since renewal of certificate of airworthiness Hours:Min	
Brought Forward	2988:05	168:43	
08/09/2013	4:50	173:33	Far-Pir-Sydney. Neb-Vanair
09/06/2013	1:00	174:33	Vanair- local along front range
09/14/2013	1:15	175:48	Vanair- Greeley& return Dave Werner
10/07/2013	:20	176:08	Vanair -local for oil change
10/13/2013	1:00	177:08	Vanair to Springs E. for the winter
05/18/2014		177:08	Annual: I certify this aircraft has been inspected on May 18,2014 within the Scope and details of Appendix part 43 And found to be in a safe condition for operation 177:08 TT
05/19/2014	:35	177:43	Vaughn Turner A&P 2132264 Springs East to Van-air for summer
06/05/2014	:50	178:33	Vanair to Longmont Co.-Rtn
06-21/2014	:40	179:13	Vanair to Greeley Co.- Rtn
07-19-2014	1:00	180:13	Vanair to Kelly Air Park- rtn D Werner
08-04-2014		180:13	Replaced Tail Wheel Bearings
08-15-2014	1:15	190:28	Vanair Greeley Co, Longmont Co-rtn
09-20-2014	1:20	191:45	Vanair to Springs East Rtn
07-2014	:50	193:23	Vanair to Springs East for Winter
03-14-2015	:45	194:08	Springs East-Local with D Farmer
05-17-2015	:45	194:53	Springs East to Vanair
05-18-2015			Annual Inspection: changed elt batteries, changed oil inspected on May 18,2015 with in the Scope and details of Appendix Part 43 and found to be in a safe condition for operation 194:53TT Vaughn Turner A&P 2132264
Carried Forward	3004:30	<del>185:08</del> 184:53	



	Time in Air	Time since renewal of certificate of airworthiness	
Brought Forward	Hours: Min:	Hours: Min	
	3004:30	194:53	
05-20-2015	:45	195:38	Vanair to Greeley <Co Rtn
06-08-2015	:35	196:13	Vanair- local
08-20-2015		196:13	Replaced tail wheel and tire with Matco wheel and McCleary tire
08-25-2015?	:45	196:58	Greeley Co. and rtn
09-26-2015	1:05	198:03	Springs East and rtn
11-09-2015	:50	198:53	Vanair to Sprs. East
05-10-2016		198:53	Annual: Replaced rt. wheel brake Pads. Lubricated tail wheel shock strut. I Certify this aircraft has been in- spected in accordance within the scope And details of appendix part 43 and Found to be in a safe and airworthy Condition for operation. 198:53 tt Vaughn Turner A&P 2132264
05-10-2016	:45	199:38	Sprs. East to Vanair
08-07-2016	:30	200:08	Vanair- Local with Ted Stallone
08-14-2016	1:30	201:38	Vanair to Sprs East & Rtn
08-28-2016	:45	202:23	Vanair to Sprs East
10-08-2016	:40	203:03	Sprs. East- Local
5-08-2017		203:03	ANNUAL CHANGED OIL, INSPECTED OIL SCREEN CHANGED ELT BATTERIES I certify this aircraft has been inspected in accordance with the scope and details of appendix part 43 and found to be in a safe and airworthy cond. for operation.
Carried Forward	3012:40		



Brought Forward	Time in Air	Time since renewal of certificate of airworthiness	
	Hours: Min:	Hours: Min	
	2012:40	203:03	203:03 TT Vaughn Turner AAR 2132264
5-20-17	1:15	204:18	SPRINGS EAST - LOCAL
5-28-17	50	205:08	SPRINGS EAST - LOCAL
10-15-17	25	205:33	" " "
10-19-17	2:05	207:38	" " " TVAN AIR RTN
05-10-18		207:38	ANNUAL LUBRICATION TAIL STRUT REPLACED BATTERIES & certify this a/c HAS BEEN INSPECTED IN ACCORDANCE WITH IN THE SCOPE & DETAILS OF APPENDIX PART 43 AND FOUND TO BE IN A SAFE AND AIRWORTHY CONDITION FOR OPERATION TT 207:38 Vaughn Turner AAR 2132264
5-27-18	50	208:28	MEADOW LAKE & RTN
5-31-18	30	208:58	" " "
9-4-18	:20	209:18	SPRINGS EAST - LOCAL
9-6-18		209:18	REPLACED KING KY196 WITH SAME, SER. NO. 8810 REBUILT SARASOTA AVIONICS, VTAN AAR 2132264
9-11-18	:45	210:03	SPRINGS EAST & MEADOW LAKE & RTN
9-09-19		210:03	ANNUAL REPLACED EIT BATTERIES I CERTIFY THIS AC HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE AND DETAILS OF APPENDIX PART 43 AND FOUND TO BE IN A SAFE AND AIRWORTHY CONDITION FOR OPERATION TT 210:03 Vaughn Turner AAR 2132264
Carried Forward	3019:40	210:03	AAR 2132264



