

N35AT
VOLUME NO.

SECTION III

ENGINE

LOG

PRICE \$1.00

ENGINE SERVICE BRAND

ENGINE LOG

1. Make

LYCOMING

2. Model

O360-A4A

3. Specification

4. Mfg. Serial No.

L-17918-36A

5. Reduction Gear Ratio

6. Date of Manufacture

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					
8 Dec 75	—		1535	0	Time transferred from American Inspection completed for
18 Dec 75	—		1535	0	
1976					
JAN 18/76	15	25	1550	25	30 day inspection.
FEB 12/76	31	45	1582	10	50 hr. inspection.
MAR 15/76	49	55	1632	05	100 hr. inspection.
18	0	50	1632	55	To correct Total Time since Error at 13 Feb. /76
	(45	55)			
13 APR 76	46	37	1678	52	
11 MAY 76	49	03	1727	55	100 hr Inspection completed To modify oil pump & replace rear section
1 June 76	44	0	1771	55	
25 June 76	48	37	1819	27	100 hr inspec.
22 July 76			1863	18	50 Hr Inspection completed
20 Aug 76	33	44	1896	59	I HEREBY CERTIFY THAT I HAVE COMPLETED A
Sept 7/76	71 39	07 11	1967 1936	11 10	TIME CORRECTION <i>J. Harker</i>
OCT 10/76	45	04	1982	04	ENGINE REMOVED ^{FROM C-412} FOR OVERHAUL DUE
Nov. 3/76					Engine was given a complete overhaul as per attached data sheet
NOV 07/76					ENGINE INSTALLED IN C-412 AFTER OVERHAUL.
					G/R CARRIED OUT ENGINE CERTIFIED AIRWORTHY
	00	00	0000	00	I HEREBY CERTIFY I HAVE COMPLETED A
			0000	00	CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

MAINTENANCE RECORD

1

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

logs
Impact CCI.

Engine Airworthy

Hris

XMM 651

Engine Airworthy

Hris

XMM 651

Engine Airworthy

Hris

XMM 651

Engine Airworthy

Hris

XMM 651

Overhaul at 100 hr. inspection above.

J.P. Clark

P-1507

50 Hrs Completed Engine Airworthy

Hris

XMM 651

Oil pump mod completed Engine Airworthy

Hris

XMM 651

only service bulletin 385-c

PACIFIC AERO ENGINES

Ray Rice

V.R.M. 631

50 HR INSP. completed
AIRCRAFT AIRWORTHY

Hris

XMM 651

Engine Airworthy

Hris

XMM 651

Engine Airworthy

Hris

XMM 651

100 HRS INSPECTION AND THE ENGINE IS AIRWORTHY

Whitney

ULM-931

50 HR. INSPECTION COMPLETED
AS PER W.C.A.S. LTD. INSPECTION
SHEETS. AIRCRAFT AIRWORTHY.

Ray Rice

V.R.M. 631

TIME X

at Ocean Aero Engines Ltd.

Airworthy

DUAL INSPECTION OF ENGINE CONTROLS CARRIED OUT, FIRST INSP

ULM-931.

SECOND INSP.

100 HRS INSPECTION AND THE ENGINE IS AIRWORTHY.

Whitney

ULM-931

Ray Rice

V.R.M. 227

Whitney

ULM-931

Whitney

V.R.M. 66

Whitney

ULM-931

MAXIMUM HOURS BETWEEN OVERHAULS 2000 HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD			0000	00	
DEC 21/76	16	06	16	06	30 DAY INSPECTION CARRIED OUT, ENGINE
FEB 3 1977	29	27	45	33	
MAR 15-77	45	17	90	50	100 Hour Inspection completed
Apr 15-77	47	21	138	11	50 Hour Inspection completed
MAY 5/77	23	18	161	29	PROP DAMAGED DURING TAXLING, CRANK RUN - MANUFACTURES LIMITS, ENGINE
21-5-77	45	01	206	30	DEFECTS RECTIFIED AS PER AIRCRAFT W.O #1027
11-6-77	46	03	252	33	DEFECTS RECTIFIED AS PER AIRCRAFT W.O #1066
25-6-77	47	58	300	31	DEFECTS RECTIFIED AS PER AIRCRAFT W.O #1104
					CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

MAINTENANCE RECORD

2

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

CERTIFIED AIRWORTHY.

Innotech Aviation Limited
VANCOUVER MAINTENANCE DEPT.
VANCOUVER, B.C.

[Signature]



CERTIFIED THAT 50 HR INSPECTION HAS BEEN
CARRIED OUT IN ACCORDANCE WITH MAINT. MANUAL

AND THAT THE ENGINE IS AIRWORTHY
DATE FEB 2 1977 ENGINEER *[Signature]*
VPM 253388

AIRTEC ENGINEERING LTD.

as per maintenance manual - Engine Airworthy *[Signature]* VPM 874

as per maintenance manual Engine Airworthy *[Signature]* VPM 874

OUT CHECK CARRIED OUT FOUND WITHIN

CERTIFIED AIRWORTHY

Certified that 100 HRS inspection has been
carried out in Accordance with the P.F.C.

Maintenance manual
and that the aircraft is airworthy.

Date 21-5-77 Engineer *[Signature]*

Skycraft Aviation Ltd. License # 4LM-931

Certified that 50 HRS inspection has been carried out in Accordance with the P.F.C.

Maintenance manual
and that the aircraft is airworthy.

Date 11-6-77 Engineer *[Signature]*

Skycraft Aviation Ltd. License # 4LM-931

ENGINE AIRWORTHY

Certified that 100 HRS inspection has been
carried out in Accordance with the P.F.C.

Maintenance manual
and that the aircraft is airworthy.

Date 25-6-77 Engineer *[Signature]*

Skycraft Aviation Ltd. License # 4LM-931

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD	→		300	31	
JUN 21/77	49	43	350	04	WORK CARRIED OUT AS PER WO # 1159
2-8-77	33	05	383	09	#204 CYL PUSH ROD RETAINING CLIPS FOUND ROCKER COVER GASKETS INSTALLED SYSTEM BLEED BRAKES CHECKED
10-8-77	15	03	398	12	DEFECTS RECTIFIED AS PER SKY CRAFT
AUG 12 77					ALTERNATOR PN 2096191 FOUND 2096191 INSTALLED & BAT CHARGED
SEPT. 28/77	44	41	442	53	STARTER MOTOR SN 3F000232 REMOVED AND WORK CARRIED OUT AS PER SKY CRAFT
NOV 4 77	50	53	492	46	8 NEW SR88 SPARK PLUGS
					CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

WARRANTY REGISTRATION

PART C - MAIL WITHIN 10 DAYS OF INSTALLATION

1. Type equipment STARTER P/N M24206 Serial No. 61023
 2. Type engine on which unit installed PA28-180 Eng. Hrs. 1977
 3. Type aircraft & Registration Number 446 15 1977
 4. Installation date Aug Month Day Year
 5. Installed by Name R. ARBOUR - SKYCRRAFT AVIATION
 Address LANGLEY B.C.
 Certificate or Repair Station Number STANDARD Aero
 6. Purchased from Ward Aero Distributor
 7. Certified correct [Signature] (sign for installing agency)

No 72566



SERVICEABLE

WA 030 ((Rev. 2/77))

Maintenance manual
and that the aircraft is airworthy.

Date 10-8-77 Engineer R. Stern
Skycraft Aviation Ltd. License # Qmm 267

0/5 1/2 REMOVED, REPAIRED ALTERNATOR PN
AS PER SKYCRRAFT WO #1198 Chel Noztigod VRM 255388

STARTER S.N. 61023 INSTALLED - W.O. 1202

W.O. 0438 Certified that 50 hr. inspection has been
carried out in Accordance with the P.F.C.

Maintenance manual
and that the aircraft is airworthy.

Date 28-9-77 Engineer R. Stern
Skycraft Aviation Ltd. License # Qmm 267

100 hrs. inspection carried out according
to P.F.C Maintenance Manual ENGINE
certified airworthy.

Date Nov 4 '77 Signed Chel Noztigod
License # VRM 255388

Oil change.

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

Certified that 50 inspection has been
carried out in Accordance with the

P.F.C.

Maintenance manual
and that the aircraft is airworthy.

Date Sept 21/77 Engineer [Signature]

Skycraft Aviation Ltd. License # VPM 255388

LOOSE, RETENSIONED LOCKING TABS INSTALLED, NEW
G/R CARRIED OUT, ~~FOUR~~ FOUND SERVICABLE, & BRACE
FOUND SERVICABLE. Certified that 100 inspection has been

W.O. 1192

carried out in Accordance with the P.F.C.

Maintenance manual
and that the aircraft is airworthy.

Date 10-8-77 Engineer R. Stein

Skycraft Aviation Ltd. License # Qmm 267

O/S $\frac{1}{2}$ REMOVED, REPAIRED ALTERNATOR PN
AS PER SKYCRAFT WO # 1198

STARTER S.N. 61023 INSTALLED - W.O. # 1202

W.O. 0438

Certified that 50 hrs. inspection has been
carried out in Accordance with the P.F.C.

Maintenance manual
and that the aircraft is airworthy.

Date 28-9-77 Engineer R. Stein

Skycraft Aviation Ltd. License # Qmm 267

100 hrs. inspection carried out according
to P.F.C. Maintenance Manual ...ENGINE
certified airworthy.

Date Nov 4 '77 Signed [Signature]

License # VPM 255388

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE, AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD					
DEC 9 '77	48	22	533	08	
JAN 18 78	50	27	583	35	
FEB 17 78	44	17	627	52	
MAR 16 78	35	45	663	47	
APR 14 78	49	35	713	22	
					CARRIED FORWARD
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

MAINTENANCE RECORD

4

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

I hereby certify that a 50 hr. inspection has
been carried out as per PFC
maintenance manual and the
ENGINE is airworthy.

Date DEC 9 '77 Engineer Alch Noftegool

License # VPM255388

I hereby certify that a 100 hr. inspection has
been carried out as per PFC
maintenance manual and the
ENGINE is airworthy.

Date JAN 18 '78 Engineer Alch Noftegool

License # VPM255388

I hereby certify that a 50 hr. inspection has
been carried out as per PFC
maintenance manual and the
ENGINE is airworthy.

Date FEB 17 '78 Engineer Alch Noftegool

License # VPM255388

I hereby certify that a 100 hr. inspection has
been carried out as per PFC
maintenance manual and the
ENGINE is airworthy.

Date MAR 16 '78 Engineer Alch Noftegool

License # VPM255388

I hereby certify that a 50 hr. inspection has
been carried out as per PFC
maintenance manual and the
ENGINE is airworthy.

Date 14 APR '78 Engineer Alch Noftegool

License # VPM255388

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					
11 MAY 78	46	07	759	29	I hereby certify that a 30 hr. inspection has been carried out as per maintenance manual and the engine is airworthy. Date _____ Engineer _____ License # _____
9 Jun 78	45	48	805	17	I hereby certify that a 100 hr. inspection has been carried out as per maintenance manual and the engine is airworthy. Date _____ Engineer _____ License # _____
July 7. 78	45	39	850	56	I hereby certify that a 30 hr. inspection has been carried out as per maintenance manual and the engine is airworthy. Date _____ Engineer _____ License # _____
Aug 8 78	44	08	895	04	I hereby certify that a 100 hr. inspection has been carried out as per maintenance manual and the engine is airworthy. Date _____ Engineer _____ License # _____
Aug 28 78	36	38	931	42	I hereby certify that a 30 hr. inspection has been carried out as per maintenance manual and the engine is airworthy. Date _____ Engineer _____ License # _____
SEP. 28. 78	33	48	965	30	I hereby certify that a 30 hr. inspection has been carried out as per maintenance manual and the engine is airworthy. Date _____ Engineer _____ License # _____
			965	30	CARRIED FORWARD License # _____
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

MAINTENANCE RECORD

5

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

I hereby certify that a 100 hr. inspection has
been carried out as per PFC
maintenance manual and the
ENGINE is airworthy.

Date 11 MAY 78 Engineer Chad W. Tegal
Licence # VRM 255388

I hereby certify that a 50 hr. inspection has
been carried out as per PFC
maintenance manual and the
ENGINE is airworthy.

Date 9 Jan 78 Engineer Chad W. Tegal
Licence # VRM 255388

I hereby certify I have completed the nearest equivalent
to a 100 Hr. periodic inspection of the aircraft ENGINE
described herein and it is airworthy. INSPECTION PERFORMED
PER PFC MAINT. MANUAL

Signed J. Tegal VRM 255388
"M" Licence No.

DATE: JULY 7, 78

I hereby certify I have completed the nearest equivalent
to a 100 50 Hr. periodic inspection of the aircraft
described herein and it is airworthy. inspection
performed by Piper Manual

Signed Edwin Bussley VRM 113302
"M" Licence No.

I hereby certify I have completed the nearest equivalent
to a 200 Hr. periodic inspection of the aircraft
described herein and it is airworthy. work performed
using Piper checklist

Signed Edwin Bussley VRM 113302
"M" Licence No.

30 DAY INSPECTION PERFORMED PER PFC CHECK LIST

J. Tegal

VRM 255388

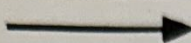
MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

INSTALLATIONS, INSPECTIONS,
NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

DATE	TIME RUN		TIME SINCE OVERHAUL	
	HRS.	MIN.	HRS.	MIN.

BROUGHT FORWARD



Oct 21 13 41 965 30
979 11

Oct 21/78
I hereby certify I have completed the nearest equivalent to a 50 Hr. periodic inspection of the aircraft described herein and it is airworthy.

Signed Rubbaud VRM 99603
"M" Licence No.

Nov 24/78 30 18 999 29 (1009:29)

Dec 12-78 17 38 1027 07

Dec 22/78 5 30 1032 37

Jan 11/79 23 11 1055 48

Feb 1/79 17 03 1072 51 100 hr inspection completed as per & refilled with Shell w 80 min

MAR 02-79 11 10 1084 01

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM PREVIOUS SUMMARY

TOTAL SINCE MFG.

MAINTENANCE RECORD

6

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

Oct 21/78

I certify I have inspected and checked the aircraft with the Conditions and Conformity Inspection procedure prescribed in the Engineering and Inspection Manual and it is airworthy.

Signed Rubland VRM 99603
"M" Licence No.

I hereby certify I have completed the nearest equivalent to a 30 Day periodic inspection of the aircraft described herein and it is airworthy. PERFORMED

AS PER P.F.C. CHECKLIST
Signed [Signature] 28/10/78
Nov, 24/1978 "M" Licence No.

WORK PERFORMED

PER ADDITIONAL

WORK SHEETS

[Signature] VRM 257582

I hereby certify I have completed the nearest equivalent

to a 1,000 Hr. periodic inspection of the aircraft described herein and it is airworthy. PERFORMED
AS PER P.F.C. CHECKLIST

Signed [Signature] VRM 257582
Dec, 12-1978 "M" Licence No.

Dec 22/78 starter v/s removed-repaired & reinstalled
S/N 60023 - tested Airworthy

Rubland

VRM 99603

I hereby certify I have completed the nearest equivalent to a 30 day Hr. periodic inspection of the aircraft described herein and it is airworthy. AS PER P.F.C.

Check List

Signed Rubland VRM 99603
Jan 11/79 "M" Licence No.

re-manufacture maintenance manual. Oil drain
oil filter installed Engine Airworthy

[Signature]

VRM 777

I hereby certify I have completed the nearest equivalent to a 30 Day Hr. periodic inspection of the aircraft described herein and it is airworthy.

Signed [Signature] VRM 255230
MAY, 0 1979 "M" Licence No.

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

INSTALLATIONS, INSPECTIONS,

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

DATE	TIME RUN		TIME SINCE OVERHAUL	
	HRS.	MIN.	HRS.	MIN.

BROUGHT FORWARD

20 03 79 18 23 1084 01

RT Mag changed installed #1222457

23 03 79 8 12 1110 36

23 03 79 1121 55

Times Corrected BOM

May 14/79

May 16 79 48 27 1170 22

April 30/80 73 15 1243 39

I hereby certify that I have completed the nearest equivalent to a HR periodic inspection of the aircraft described herein and it is airworthy.

MAY 7/81 33 10 1276 47

I hereby certify that I have completed the nearest equivalent to a HR periodic inspection of the aircraft described herein and it is airworthy.

ENG DP. #1-76/80 #2-74/80
#3-74/80 #4-73/80

SHELL W-100 OIL ADDED.

May 5/82 46 35 1362 82

Shell 10W.
Oil filter changed.

#1 78/80 #2 75/80
#3 78/80 #4 75/80

April 25/83 88 6 1451 42

May 5/84 77 7 1529 1

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM PREVIOUS SUMMARY

TOTAL SINCE MFG.

MAINTENANCE RECORD

7

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

COMPLETE

A222447

Guardian

Engine Airworthy

BA Stanley

VRM
132928

I hereby certify I have complete the nearest
equivalent to a 50 hr. periodic inspection
of the aircraft described herein and it is air-
worthy.

BA Stanley

VRM
132928

I hereby certify that I have completed the nearest
equivalent to a 100 HR periodic
inspection of the aircraft described herein and
it is airworthy.

I certify I have inspected this aircraft in com-
pliance with the condition and conformity
inspection procedure prescribed in the En-
gineering and Inspection Manual and the aircraft
is airworthy.

BA Stanley

XDM 245523

I certify I have inspected this aircraft in com-
pliance with the condition and conformity
inspection procedure prescribed in the En-
gineering and Inspection Manual and the aircraft
is airworthy.

I CERTIFY THAT ALL APPLICABLE REQUIREMENTS OF THE
ENGINEERING AND INSPECTION MANUAL HAVE BEEN MET
AND THE AIRCRAFT IS DETERMINED TO BE AIRWORTHY.

DATE MAY 7/81 SIGN
(MM/DD/YY)

(AME)

XDM 245523
(AME NO.)

I hereby certify I have completed the nearest
equivalent to a 100 Hr. periodic inspection of
the aircraft described herein and it is airworthy.

Lyell

u-376

I hereby certify I have completed the nearest
equivalent to a 100 Hr. periodic inspection of
the aircraft described herein and it is airworthy.

Lyell

u-376

100 HR. INSPECTION CARRIED OUT
IN ACCORDANCE WITH
MANUFACTURERS MAINTENANCE MANUAL

LIC 140576

SIG

Lyell May 5/81

Lyell

u-376

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	

BROUGHT FORWARD →

May 2/85

1554 5

May 7/86

1595 5

JAN - 8 1987

0 .3

1595 .8

new starter installed

Mar 19/87

4 .6

1600 .4

May 8/87

6 .3

1606 .7

I have completed the nearest equivalent to a 100 hr. periodic inspection of the aircraft and additional work as listed below.

- ✓ CF68-4 Heat Muff
- ✓ New Air filter installed
- ✓ Oil changed to W-100
- ✓ 3 valve cover gasket replaced

COMPRESSION TEST

Cylinder	1	2	3	4	5	6
Leakage	19	30	32	19	30	32

TOTAL THIS PAGE

TOTAL FROM PREVIOUS SUMMARY

TOTAL SINCE MFG.

CARRIED FORWARD

MAIN

Van Busen

AIRCRAFT SUPPLIES LTD.

1176 SANFORD STREET
WINNIPEG, MANITOBA R3E 2Z9
TELEPHONE (204) 775-8004
TELEX 07-55130

A 1-99

SERVICEABLE

ENTRIES. DRAW A DIAGONAL

100 HR. IN M
MANUFACTURE
LIC 10326 SIG

Nomenclature STARTER
Part No. 2041 Model or Type
Make ELECTRO SYSTEMS
Serial No. 60700 J5
New Overhauled ☒ Repaired
Previous Certification E3410

The material, part, or component identified hereon has been inspected and tested, and is certified airworthy.

Date 7/23/86
DOT APP. INSP. ORG. 24 0002 Inspector's Signature, Stamp

IN ACCORDANCE WITH
MANUFACTURER'S MAINTENANCE MANUAL

LIC 10326 SIG DATE 7/1/86

I certify that all applicable airworthiness requirements stated in the Engineering and Inspection Manual have been met in respect of the work done and the aircraft is released for return to service.

Signature of A.M.E. [Signature]
Licence No. KOM-085943 Date JAN - 8 1987

AIRCRAFT RELEASE

Major returned
Dispute over test 7/1/80 all right
Make Mount rubber installed correctly
Plugs checked
Left roller cover gaskets replaced

I certify that all applicable airworthiness requirements stated in the Engineering and Inspection Manual have been met in respect of the work done and the aircraft is released for return to service.

I certify that all applicable requirements stated in the engineering and inspection manual have been met and the aircraft is determined to be airworthy.

Licence No. VRM 52 Date MAY 08 1987

Signature [Signature] I certify I have inspected this aircraft in compliance with the Condition and Conformity Inspection procedure prescribed in the Engineering and Inspection Manual and it is airworthy.

VRM
52
AME

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE														
	HRS.	MIN.	HRS.	MIN.															
BROUGHT FORWARD →																			
April 20/88	48	.5	1606	.7	I have completed a 100 hr. periodic inspection of the aircraft as per manufacturers service manual & additional work as listed below. ① CF68-4 Heat Muff ② Exhaust repaired. #2 exhaust gasket replaced ③ COMPRESSION TEST <table border="1" style="margin-left: auto; margin-right: auto;"> <tr> <td>Cylinder</td> <td>1</td> <td>2</td> <td>3</td> <td>4</td> <td>5</td> <td>6</td> </tr> <tr> <td>Leakage</td> <td>18/80</td> <td>16/80</td> <td>18/80</td> <td>18/80</td> <td>/</td> <td>/</td> </tr> </table> I certify I have inspected this aircraft in compliance with the Condition and Conformity Inspection procedure prescribed in the Engineering and Inspection Manual and it is air worthy. <i>[Signature]</i>	Cylinder	1	2	3	4	5	6	Leakage	18/80	16/80	18/80	18/80	/	/
Cylinder	1	2	3	4		5	6												
Leakage	18/80	16/80	18/80	18/80		/	/												
April 8/89	12	.5	1667	.7	CCT & 100 hour inspection completed as per Repair Manuals & Check sheets														
MAY 01 1990	10	.4	1678	.1	100 hour inspection completed. - Compression: #1-76, #2-76, #3-76, #4-64. - Installed a new exhaust gasket for #2 cylinder.														
May 9/91	20	2	1698	3	100 hour inspection completed. Changed oil and oil filter and cleaned oil suction screen. Compression: #1-78, #2-74, #3-78, #4-78 Replaced all 8 spark plugs with new plugs.														
			1698	3	CARRIED FORWARD														
TOTAL THIS PAGE																			
TOTAL FROM PREVIOUS SUMMARY																			
TOTAL SINCE MFG.																			



MAINTENANCE RECORD

9

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

I certify that all applicable requirements
stated in the engineering and inspection man-
ual have been met and the aircraft is deter-
mined to be airworthy.

APR 20 1988

Licence No. VPM 52 Date

Signature

[Signature]

VRM
52
AME

craft in com-
Conformity
the Engine-
ing is air-

VRM
52
AME

I hereby certify that I have this day inspected
this Aircraft in compliance with the Condition
& Conformity Inspection Procedure prescribed
in the Engineering & Inspection Manual & that
this Aircraft is Airworthy.

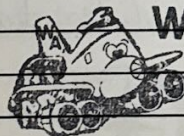
Signature

XDM-085943

A.M.E. No.

Date

april 8/89



WESTERN AVTECH

SERVICES

R.R.1, Boundary Bay Airport
Delta, B.C. V4K 3N2
(604) 946-9911

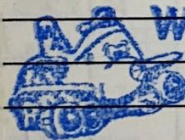
The maintenance described above has
been performed in accordance with the
applicable standards of airworthiness.

Date: MAY 01 1990

Signed:

Licence Number:

XDM-085943



WESTERN AVTECH

SERVICES

R.R.1, Boundary Bay Airport
Delta, B.C. V4K 3N2
(604) 946-9911

[Signature] VRM 401637

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE														
	HRS.	MIN.	HRS.	MIN.															
BROUGHT FORWARD																			
May 13/92	26	4	1698	3	Annual inspection completed in accordance with Chapter 571 Appendix "A" of the Airworthiness Manual.														
			1724	7	Fuel line for fuel strainer 599D complied with by installing G-49-7339 removed metal float & sagged. Oil & filter changed oil installed.														
					COMPRESSION TEST <table border="1"> <thead> <tr> <th>Cylinder</th> <th>1</th> <th>2</th> <th>3</th> <th>4</th> <th>5</th> <th>6</th> </tr> </thead> <tbody> <tr> <td>Leakage</td> <td>80%</td> <td>78%</td> <td>80%</td> <td>71%</td> <td></td> <td></td> </tr> </tbody> </table> over 80 psi	Cylinder	1	2	3	4	5	6	Leakage	80%	78%	80%	71%		
Cylinder	1	2	3	4	5	6													
Leakage	80%	78%	80%	71%															
May 7, 93	13	4	1738	1	Annual inspection completed in accordance with Cyl. leakdown test. #1. 73/80 #2. 55/80, oil & filter #3. 73/80 #4. 70/80														
APRIL 20/94	60	6	1798	7															
MAY 19/94					Annual inspection completed I-A-W. Chapter 571 Appendix "A" of the Airworthiness Manual. Oil and filter changed. (Phillips 20W50). Compression check carried out. #1 79/80, #2 40/80, #3 79/80, #4 80/80. Number 2 cylinders removed and head found cracked. New cylinder assembly PIN. 05K 21104, S/N. 1350211 installed. #2 cyl. bottom plug lead replaced.														
					CARRIED FORWARD														
TOTAL THIS PAGE																			
TOTAL FROM PREVIOUS SUMMARY																			
TOTAL SINCE MFG.																			

MAINTENANCE RELEASE

AIRCRAFT ACCESSORIES, HYDRAULICS & HEATERS

ICL

QUALITY AERO ENGINES LTD.

4115 - 104th STREET, DELTA V4K 3N3

D.O.T. APPROVAL No. 144-91

Nomenclature: CARBURETOR
 Manufacturer: Marvel Scheller Type/Model: MA-4-5
 Part No: 10-3878 Serial No: 6-49-7339
 Total Time: _____ Work Order: 0807
 Overhaul ☐ Repair ☒ Modification ☐ Removal ☐
 Previous Certification: _____

The maintenance described has been performed in accordance with the applicable standards of airworthiness.

DATE May 6/92 AME OR AUTHORIZED INSPECTOR Chris Thomas LIC. No./STAMP M401132

Details of outstanding work and other information on reverse.

MAINTENANCE RELEASE

CUSTOMER # _____ WORK ORDER # _____ NOMENCLATURE _____
 PART # _____ MAKE _____ SERIAL # _____ PHONE # _____
 NEW ☐ OVERHAUL ☐ REPAIRED ☐
 DATE _____ MAINTENANCE WITH THE APPLI _____ REMOVED _____
 T.S.N. _____ T.S.O. _____ INSTALLED ON _____
 DATE _____ A/F TIME ON IN _____

Chap 57/ App "A" of the Airworthiness Manual
 changed Phillips 20W50.

RD 1133706

ICL



PROGRESSIVE AIR

2965 Airport Drive
 Kamloops, B.C. V2B 7W8

D.O.T. App. No.: 15-82

Nomenclature CYLINDER ASSY
 Part No. 05K21104 Model or Type _____
 Make TEXTRON LYCOMING
 Serial No. I3502II
 Previous Certification K05818
 New 5818 Overhauled _____ Repaired _____

I hereby certify that the aircraft parts, appliances and/or materials described hereon were acquired from a source of supply that is consistent with the conditions under which the Department of Transport distribution approved No. 15-82 has been granted.

Date 5/12/94 Inspector's Signature, Stamp [Signature]

SERVICEABLE

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENSE
NUMBER

bowl repaired @ TCM Service Bulletin
new impulse coupling @ Carh s/o
installed & carb reinstalled
Filter inspected - all ok. Phillips 20W50

The Maintenance described above
has been performed in accordance
with the Airworthiness Certification
requirements.

Wm Hilde Me 26888

Chap 57/ App "A" of the Airworthiness Manual
changed Phillips 20W50.

RD [Signature] M133706



PROGRESSIVE AIR

2965 Airport Drive
Kamloops, B.C. V2B 7W8

D.O.T. App. No.: 15-82

Nomenclature CYLINDER ASSY

Part No. 05K21104 Model or Type _____

Make TEXTRON LYCOMING

Serial No. I3502II

Previous Certification KO5818

New 5818 Overhauled _____ Repaired _____

I hereby certify that the aircraft parts, appliances and/or materials described hereon
were acquired from a source of supply that is consistent with the conditions under
which the Department of Transport distribution approved No. 15-82 has been granted.

Date 5/12/94
Inspector's Signature, Stamp

SERVICEABLE

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					
July 7 th 1994	4126	Hours	Tack Time: 5	TAF	ON THIS DATE - PERFORMED AN ANNUAL INSPECTION USING THE APPROVED PIPER CHEROKEE C-180 MAINTENANCE MANUAL.
	1811	hours	SMOH		USING THE CHEROKEE -180 TYPE CERTIFICATE DATA SHEET, INSTALLED ALL APPLICABLE PLACARDS & CHECKED THEIR CONFORMITY. THE WEIGHT & BALANCE, ALONG W/ THE EQUIPMENT LIST WERE UPDATED, AND THE AIRCRAFT WAS REWEIGHED BY GAC IN JARVISVILLE, UT. REPAINTED "NEW" IS - NUMBER N-35AT ON TAIL SIDES IN "12" LETTERING.
					REMOVED CANADIAN NUMBERS FROM TAIL & BOTTOM OF WINGS. REPAINTED WHITE. REMOVED ALL INSPECTION PAGES, LUBED ALL PULLEYS & BELTPOINTS. CHECKED ELT OPERATION, BATTERY NEXT DUE 6/96. SERVICED ENGINE BATTERY, CHECKED ALL CONTROL ROD ENDS & CABLE CONDITION. CHANGED ENGINE OIL. ADDED 8 QUANTS PHILLIPS 20W-50W X-COUNTRY. REMOVED OIL FILTER, CUT OPEN - CHECKED FOR METAL. NON-FOUND.
					REMOVED ALL SPARK PLUGS, CLEANED & GAPPED. PERFORMED COMPRESSION TEST, READINGS AS FOLLOWS: #1- 76/80 #2 77/80 #3 79/80 #4 75/80. REMOVED EXHAUST SYSTEM, CHECKED HEAT MUFF FOR CRACKS, CHECKED MUFFLER Baffles, REPLACED GASKETS. REPLACED AIR FILTER W/ NEW PAPER TYPE. CHECKED CONDITION OF ALT. BELT. TIMED BOTH MASSES, AFTER REMOVAL.
					* SEE AD LIST AS TO COMPLIANCE. CLEANED CONSOLIDATOR SCREEN, CHANGED O-RING. REPLACED HEAT MUFF SCAT TUBE. CHECKED ALL SERIAL NUMBERS ON ALL ACCESSORIES AS FOLLOWS:
			Prestolite	Starter - Serial # 6070045 part # 2041	
			Chrysler	Alternator - Serial # 2096191 part # 15337A	
			Lycoming	Engine - Serial # L-17918 part # O-360-A4A	
			Morvel Schebler	Carburetor - Serial # G-49-7339 part # 10-3878 Model # M4	
			Bendix	Magneto's - Serial's # A-105153 & A222447	
			Sensenich	Propeller - Serial # 17729K part # Model # 76EMR50-60	
				REMOVED PROPELLER SPINNER FOR PAINTING, REMOVED SPINNER BACKING PLATE & PROPELLER. CLEANED SLUGS FROM CARBURETOR.	
					CARRIED FORWARD
					(CONT)
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

MAINTENANCE RECORD

11

COMPLETE

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES: DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

using the
manual.
Sheet, installed
ity. The weight
ported, and the
WT. Reprinted
N "12" lettering.
of Wings.
shells, Lenco
ation, Batter
checked all
ed Engine oil.
4. Removed
Un-Found.
Performed
76/80 #27/80
checked heat
Replaced Exhaust
re. Checked
for removal
on screen,
te. Checked
ous:

§ Checked serial # against overhaul tag. Removed both mag
to comply with AD# 94-1-3. Right mag was N/A by
S/N. Left mag was disassembled & inspection I/A/W S/B & AD
mag was noted to have Red Coil & New style Rotor. Case
was stamped with a "C" as recommended. The following
AD's & S/B's were researched and/or complied with on this engine:

- | | Date |
|--|--------------------|
| - Lycoming S/B 400 LW13790 Shift and LW12892 Thrust bolts | 11/3/76 |
| - Lycoming S/B 1336 Replace tappet bodies (AT overhaul) | 11/3/76 |
| - Lycoming S/B 1340 Replace piston pins (AT overhaul) | 11/3/76 |
| - Facet S/B A-2-90 Replace Metal float in Carb. (See Tag) | 5/13/92 |
| - Bendix ^{TR} S/B 599D Replace impulse coups. (See Tag) | 5/13/92 |
| - Bendix A/D 94-1-3 Inspect Bendix mag Coils & Rotors (AT annual) | 7/7/94 |
| - Piper A/D 68-1 Heat Muffler inspected for defects (AT annual) | 7/7/94 |
| - Lycoming A/D 75-8-9 Oil pump Drive gear Replacement (AT 2000 smh) | Last Comp. 11/3/76 |
| - Piper A/D 77-23-03 Binding of Control Rod End Bearings (AT annual) | 7/7/94 |
| - Visually inspected Prop End bearings - Silver Type - N/A | - |
| - Piper 80-14-02 Sep. of Throttle Rod Ends. N/A by A/C-S/N | - |
| - Piper 80-14-03 Disruption of Radio Comm. N/A by A/C-S/N | - |
| - Piper 86-17-01 Smoke in Cockpit N/A by A/C-S/N | - |
| - Bendix | - |

ALL work was performed using the approved Lycoming & Piper
Cherokee 180-PA-28 maintenance manuals.

I certify that this Engine was inspected in accordance
with a MANUAL inspection, and was determined to be in a
Airworthy Condition

Fred ARADT #325-54-9084 TA

END

3878 Mael #1/4 45

76EM85-0-60
moved spinner
from crankshaft

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					
8/4/94	4134	Hours	TTAF		CHANGED OIL AND FILTER - INSTALLED
	1819	Hours	SMOH		SAFETIED FILTER - INSTALLED AND SAFETIED OIL DRAIN
12/22/94	4159	50	TTAF		INSTALLED REIFF CORP "HEAT PAD" PREHEATER
	1844	-	SMOH		
12/24/94	4159	50	TTAF		CHANGED OIL AND FILTER - INSTALLED
	1844	-	SMOH		
3/10/95					INSTALLED BRAKE DISCS ON BOTH RT & LEFT WHEEL
4/27/95	4182	27	TTAF		CHANGED OIL AND FILTER - INSTALLED
	1866	37	SMOH		
8/1/95	4200	12	TTAF		
	1885	12	SMOH		CHANGED OIL & FILTER - INSTALLED CHAMPION FILTER
8-1-95 TACH TIME 4200.12 TSMOH 1885.12 I CERTIFY THIS POWERPLANT HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION & WAS FOUND TO BE IN AIRWORTHY CONDITION. COMPRESSION CHECKED: #1 78/80, #2 78/80, #3 76/80, #4 76/80. & 1A574243852					
11-9-95	4218	80			Changed oil and filter - Installed Champion filter and
	1903	80	SMOH		
1-4-96					Propeller Balance &
1-18-96					Removed and Replaced defective Ring gear Replaced
6-8-96	4238	.15			Changed oil and Filter. Installed Champion oil
	1923	.15			
CARRIED FORWARD					
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

ENTRIES.

CHAMPION FILTER

HOSE TO QUICK

INSTALL OIL

CHAMPION

REMOVED OLD

CHAMPION F

AND 7 QTS

filter and

Replaced

Champion oil

MAINTENANCE RECORD

12

COMPLETE

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

TALLED
OIL DRAIN
REHEATER

CHAMPION FILTER AND SEVEN (7) QUARTS SHELL 15/50 WT. OIL
HOSE TO QUICK DRAIN PLUG - CLEANED ENGINE
INSTALLER ON BOTTOM OF OIL PAN

Clyde H. Foubey 1427191

Clyde H. Foubey 1427191

TALLED

CHAMPION FILTER AND SEVEN (7) QTS SHELL 15/50 WT OIL

Clyde H. Foubey 1427191

EFT WHEEL
ED

REMOVED OLD DISCS

Clyde H. Foubey 1427191

CHAMPION FILTER AND SEVEN (7) QTS SHELL 15/50 WT OIL

Clyde H. Foubey 1427191

CHAMPION FILTER

AND 7 QTS SHELL 15/50 WT OIL

Clyde H. Foubey 1427191

RETURN TO SERVICE

TKM 14811 North 73rd. Street
Scottsdale, AZ 85260

MFG Maintenance Facility #MMF-S48-035

This unit identified was repaired & inspected in accordance with Federal Aviation Regulations, & was found airworthy & is approved for return to service. Pertinent details of the repair are on file.

DATE 10/11/96 MODEL 11 SN 3607
SIGNATURE *am*

Champion

filter and 7 quarts shell 15/50 wt oil

Clyde H. Foubey 1427191

ing gear

Repaired propeller & adjusted - timed Magneto

alled Champion

filter and 7 qts shell 15/50 wt aeroshell

Clyde H. Foubey 1427191

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

4260.606
10-14-96

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD	→				

10-1-96 TACH 4252.56, TSMOH 1937.56 CLEANED SCREENS, CHANGED OIL. INSTALLED 8 QTS. AEROSHELL 15-50 MULTI-VIS DETERGENT OIL. CHECK COMPRESSION: #1) 71/80, #2) 70/80, #3) 70/80, #4) 73/80. REMOVED, CLEANED & GAPPED PLUGS. TIMED MAGS, LUBED STARTER WITH SILICONE. PERFORMED OTHER ROUTINE MAINTENANCE AT THIS TIME. *Lawrence A. Fuller*
LAWRENCE A. FULLER, IA 574243852

10/01/96 Total time: 4252.56 TSO: 1937.56 I certify that this Engine has been inspected in accordance with FAR 43 Appendix D in accordance with an ANNUAL inspection and is approved for return to service. Lawrence A. Fuller IA574243852. *Lawrence A. Fuller*

Handwritten signature and large scribble

CARRIED FORWARD

TOTAL THIS PAGE		
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.		

MAINTENANCE RECORD

13

LICENCE
NUMBER

12/30/96 Total Time 4266.01 TSO:1951.01 Removed Lycoming O-360-A4A S/N L-17918-36A for Major Overhaul. Replaced Crankcase with DIVCO, INC. Repair Station No. DB2R762K Serviceable Crankcase S/N 5406, WDC60775. Installed 4 Serviceable Cylinders form St.Louis Engine& Cylinder Service Part Number 75971, New Exhaust Valves P/N AL19001, New Intake Valves P/N AL73938, Piston Pins AL14077-1, Rocker Shafts AL13790, Ring Sets AL746373-SC, Pistons AL75089, MS13997-3 Keys, Pin Buttons P/N AL12892, SL60000 Keys. All Steel Parts Magna-Fluxed, by Rick Romans, Inc. Repair Station No.BE2R713K no defects noted. 4 each Connecting Rods rebushed and alignment checked. Crankshaft Grind main journals M.006 and Rod journals M.003 S/N R29838-1, Reconditioned Tappet Bodies, Re grind Camshaft Lobes S/N R29838-2. Painted Crankcase checked all clearances to Lycoming Overhaul Specifications. Installed connecting rod bearings SL13521 M03. connecting rod bolt SL75061 and nut SL12186, Installed crank bearings SL11020 M06, SL13884 M06. Installed camshaft and crankshaft in case halves and tapped bodies, torqued case as per Lycoming Overhaul Manual. Installed New Crankshaft Drive Gear P/N S213819646 new Bolt P/N SL-STD-2213, Lock Plate P/N LW18639. Installed Oil Pump Shaft P/N SL61174A, Oil Pump Impeller Kit P/N SL18109A-S. Installed new intake coupling hoses P/N SL69603 and Overhaul Gasket Kit P/N SL75439-1. Installed four cylinders as per Lycoming Overhaul Manual. Installed Original Carburetor MA4-5 P/N 10-3878 S/N C-49-7339. Installed Fuel Pump from Aero-Accessories P/N 40295 S/N AA5339. Installed New Slick Magnetos Model #4370 S/N 96080321 Model #4373 S/N 96081658, Slick ignition harness P/N M40C4 includes M-2989LH and M-2990RH. Installed New Oil Cooler hoses as per Piper AD 95-26-13. Complied with the following AD notes on this Overhaul. AD 54-21-01 AC diaphragm type fuel pumps, installed new fuel pump. AD 59-10-07 Cylinder baffle clamps, new type clamps installed. AD 64-16-05 Oil seal failure, new type seal installed. AD 66-20-04 Oil filter adapter gasket, new type installed. AD73-23-01 Piston pin failures, new type pins installed. AD 75-08-09 Oil pump failures, new type pump installed. AD 79-10-03 R2 Engine mounting bolts, new bolts and mounts installed. AD 79-15-02 Economizer channel plug, N/A by part number. AD 80-04-03R2 Push rods, N/A by engine type. AD 80-14-07 Exhaust valve spring seats, new seats installed. AD 81-18-04R2 Installed New Oil Pump. AD 87-10-06R1 Rocker arm assemblies, installed new rocker arms. AD 90-04-06R1 Prop governor oil line, not installed. AD 91-14-22 Crankshaft gear retaining bolt, installed new gear, bolt and lock tab. AD 921-12-05 Piston pin failure, installed new pins. AD 93-05-21,AD 93-11-11, AC, Textron, Rajay fuel pumps, installed new fuel pump. AD 94-14-13 Low octane detonation, N/A by "N" number. AD 95-07-01 Connecting rod bolts, installed new bolts. AD 95-26-02 Low octane detonation N/A by "N" number. AD 96-09-10 Oil pumps, installed new type pump. Engine Overhauled and test run in accordance with Lycoming Overhaul Manual.

[Signature] 1A574243852

01/02/97 Total Time: 4266.01 TSO 0.0 This Engine Lycoming O-360-A4A S/N L-17918-36A is approved for return to service.

[Signature] 1A574243852

01/03/97 Total Time: 4267.01 TSO 1.0 Peformed Operational Check flight of Engine, no defects noted on flight. Inspected Engine after flight, no leaks noted and no defects noted.

[Signature] 1A5743852

MAXIMUM HOURS BETWEEN OVERHAULS

HOURS

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					
6-16-97	4286	06	20	06	CHANGED OIL & FILTER INSTALLED CHAMPION 48110
9-16-97	4302	64	36	64	CHANGED OIL & FILTER INSTALLED CHAMPION 48110
10-5-97	TACH: 4311.27 TSMOM: 45:26 TSN: 4311.27 CHECKED COMPRESSION: #1 $\frac{7}{80}$, #2 $\frac{17}{80}$, #3 $\frac{17}{80}$, #4 $\frac{17}{80}$. PERFORMED COMPRESSION CHECK COLD. TIMED MAGNETOS. PERFORMED OTHER ROUTINE MAINTENANCE. I CERTIFY THIS POWER PLANT HAS BEEN INSPECTED IN ACCORDANCE WITH FAR PART 43 APPENDIX D, IN ACCORDANCE WITH AN ANNUAL INSPECTION. A.D.'S RESEARCHED & INSPECTED AND COMPARED WITH AS LISTED SEPARATELY. <i>L. Gunn</i> 1A 579242432				
6-13-98	TACH: 4322.34	CHANGED OIL & FILTER INSTALLED CHAMP 48110			
11-10-98	TACH 4343.23	I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION T.A. 1482954 <i>R. Bunn</i>			
	SMOH	77	22		
11-10-98	A.D. 98-02-08 N/A THIS ENG. HAS SOLID				
	COMPRESSION #1 $\frac{78}{80}$ #2 $\frac{78}{80}$ #3 $\frac{78}{80}$ #4 $\frac{78}{80}$				
11-10-98	A.D. 98-17-11 N/A THIS AIRCRAFT				
11-12-98	4343	23	77	22	CHANGED OIL AND FILTER INSTALLED
7-16-99	Oil & Filter change				
9-5-99	Oil & Filter change				
CARRIED FORWARD					
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

MAINTENANCE RECORD

14

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME

SIGNATURE

LICENCE
NUMBER

FILTER & 8 QUARTS 15-50 WT. SHELL OIL
FILTER & 7 QUARTS 15-50 WT SHELL OIL

C. Bunn

796S 15-50 SHELL FLEW TO OCEANSIDE CA FROM MONO *Clyde Lowndes* 1427191

CRANKSHAFT *Clyde A. Lowndes* #1427191 A+P 14B2954 R. Bunn

Champion 48110 Filter and 8 qts 15-50 wt Shell oil
Champion 48110 Filter & 7 qts 15-50 Aero Shell
Champion 48110 Filter & 7 qts 15-50 Aero Shell

A+P 14B2954 R. Bunn
Clyde Lowndes 1427191
Sam Bunn 492166457
Sam Bunn 492166457

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

UNITED STATES		FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration				2563			
4. Organization AERO MASTERS, Centennial Airport, Englewood, CO/Tel: 303 790-0106								5. Work Order, Contract, or Invoice Number	
6. Item	7. Description	8. Part Number	9. Eligibility	10. Quantity	11. Repair/Build Number	12. Basis/Work			
	Alternator	2642997		1	AD001018	OVERHAUL			
13. Remarks ALTERNATOR OVERHAULED IAW MANUFACTURER'S MANUALS AND CURRENT FAA RULES AND REGULATIONS.									
Limited life parts must be accompanied by maintenance history including total time/cycles/time since new.									
14. New Newly Overhauled ☒				15. Return to Service in Accordance with FAR 43.9 Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service.					
16. Signature [Signature]				17. Date [Signature]					
18. Name (Typed or Printed) PAUL DARTIS				19. Date [Signature]					

1 IN W P 5 780

DATE SEP 03 1998 INSPECTOR WCC 6 SO

SERVICE AND

TIONS, INSPECTIONS,
MANY LINES AS REQUIRED FOR COMPLETE

along with REM 88E
 1 76 2H 72
 1 80 2H 72
 Check OK & Check
 Shell 15W50

After assy with rebuilt unit
 carb, set float level, reinstall carb

5-24-00	4562.0	TACH	Remove carb, replace float with new float using new gaskets, Reinstall carb, Adjust
5-29-00	4563.69	TACH	OIL CHANGE SHELL 15-50 8 QUARTS
9-1-00	4611.00	TACH	OIL CHANGE shell 15-50 8 quarts
12-15-00	4657.15	TACH	Repaired misc baffling & repaired carb float
CARRIED FORWARD			
TOTAL THIS PAGE			
TOTAL FROM PREVIOUS SUMMARY			
TOTAL SINCE MFG.			

MAINTENANCE RECORD

15

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

Repla gasket to end crank set
H# 15 ~~10~~ check control,
3/1/60 & Rinted to done.
H.C. oil. Full CH48110.

I CERTIFY THAT THIS AIRCRAFT HAS BEEN
INSPECTED IN ACCORDANCE WITH A
100 INSPECTION AND DETERMINED

IT TO BE IN AIRWORTHY CONDITION.

TOTAL TIME IN SERVICE 4487.18 HR

DATE 11-3-99 SIGNED

Ralmon. Valochant

NO 512-253968

SMOK 143.95

I CERTIFY THAT THIS AIRCRAFT HAS BEEN
INSPECTED IN ACCORDANCE WITH A
ANNUAL INSPECTION AND DETERMINED

IT TO BE IN AIRWORTHY CONDITION.

TOTAL TIME IN SERVICE 4487.18 HR 143.95 MoH

DATE 11-3-99 SIGNED

Whitely d. Chiffon

NO. A41990828 IA

replace missing exhaust stud on Cyl #3,
and adjust as needed.

AP 517698749 IA

Assy #30-802 and new float pin, reassemble carb
as needed, A/C test flown.

AP 517698749 IA

1 FILTER CHANGE CH 48110

Scott Morlen

4 Filter change ch 48110

Scott Morlen

Shroud
Bord Ruff
AP 510.744142

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

INSTALLATIONS, INSPECTIONS,

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

DATE	TIME RUN		TIME SINCE OVERHAUL	
	HRS.	MIN.	HRS.	MIN.

BROUGHT FORWARD

12-15-00 4657.15 Tach

#1-78 #2-74 #3-X #4-79
Clean, gap, & rotate plugs, install 1 new
Timing, Dress and paint prop. Drain oil,
8 qts Aeroshell 15w-50 oil, Remove cyl. #3
install in rebuilt cylinder from "Gibson Aviation"
rocker shaft, and all new gaskets and seals.
gauge for accuracy, CLW AD's 84-26-02 and
element, Fabricate and install winterization

3-8-01 4707.64 Tach

Removed propeller replaced crankshaft fwd

July 27, 2001 Tach 4797.31

checked compliance of SB 549 - doesn't apply. (crankshaft)
checked compliance of SAIB NE-01-22 dated May 11, 2001 (fuel pump)
(doesn't apply) Alan Schmitt A&P 1963302

9-18-01

REMOVE AND REPLACE LEFT AND RIGHT
MAIN TIRES AND TUBES
K&M meridian 510 66 4077

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM PREVIOUS SUMMARY

TOTAL SINCE MFG.

MAINTENANCE RECORD

16

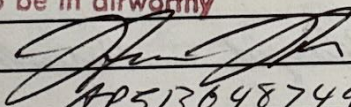
REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

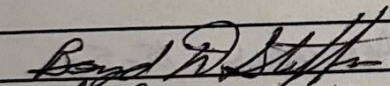
LICENCE
NUMBER

Champion REM38E plug. Check and adjust magnets
inspect and change oil filter, service with
due to leakage past exhaust valve, grind valves, and
New Cylinder installed using new piston, piston rings,
Tighten loose dip stick tube. Verify oil pressure
09-05-09 by installation of new induction air filter
plate, Research AD's,

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


AP513648749 JA

seal reinstalled propeller


AP 510744142

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					
Dec. 28, 2001					Tach 4898.94 checked compression, cleaned, gaped & rotated spark plugs, (15W50 Aeroshell) Replaced front muffler with new twin, Repaired air filter cover, replaced baffling seal, repaired Replaced gasket on #4 cyl intake tube, replaced Checked way points & timing, CW AD 84-26-02 new air filter 1-77 2-73 3-77 4-77 / 80
Mar 21-02					4955.91 Oil Changed Aeroshell 15W-50
MAY-27 2002					5007.2 OIL CHANGE - FILTER CHANGE AEROSHELL
AUG 23-02					5055.3 OIL & FILTER CHANGE AEROSHELL 15-50
DEC 15 2002					5110.8 OIL & FILTER CHANGE AEROSHELL 15-50
Jan 9, 2003					Tach 5116.99 checked comp, cleaned gaped & rotated spark plugs checked way timing. Replaced crankshaft oil seal, QWAD 84-26-02 by changing air filter. Lubed all & checked for leaks none found. Repaired alt & repl
I certify that this <u>Engine</u> has been inspected in accordance with a 100 hr. Annual Inspection and was determined to be in an airworthy condition. Date <u>Jan 9, 2003</u> Tach. Time <u>5116.99</u> Total Time					
Signature <u>Tony Tumbler</u> 508902777					
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

MAINTENANCE RECORD

17

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

Drained carb, cleaned fuel screens changed oil & filter,
unit. Repaired carb heat & cabin heat ruff shrouds,
left rear baffle, tightened oil dip stick housing,
several clamps in engine compartment,
Dressed & painted prop, Ran up engine & checked for oil leaks.

I certify that this Engine has
been inspected in accordance with a 100 hr. /
Annual Inspection and was determined to be in
an airworthy condition. Date Dec 28, 2001
Tach. Time 4898.99 Total Time _____

Signature Stan Schnell # TA 1963302

15-50

Rich Jones

Art Marklin

Art Marklin 510-664077

Art Marklin 510-664077

Drained carb & checked fuel screens
engine controls. Ran up engine
placed Alt belt #1-68, #2-64, #3-76, #4-76
80

I certify that this Engine has
been inspected in accordance with a 100 hr. /
Annual Inspection and was determined to be in
an airworthy condition. Date Jan 9, 2003
Tach. Time 5116.99 Total Time _____

Signature Stan Schnell # TA 1963302

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					
5-10-2003	Tach	5168.6			CHANGE ENGINE & OIL FILTER
8-16-2003		5220.6			CHANGE Engine Oil & Filter
11-18-2003		5274.6			Changed Engine Oil & Filter
Jan 15, 2004	Tach	5290.69			checked mag timing, drained carb, installed new - valve cover gaskets, tightened vent tube on cleaned fuel screens, Ran up engine - all
I certify that this <u>Engine</u> has been inspected in accordance with a <u>100 hr.</u> Annual inspection and found to be in an airworthy condition <u>Jan 15, 2004</u> Tach. Time <u>5290.69</u> <u>5290.69</u> Signature <u>Ston Schmitt</u> # <u>JA1963302</u>					
3-23-2004		5328.2			Changed Engine Oil & Filter
7-28-2004		5376.2			CHANGE LEFT & RIGHT MAIN GEAR TIRES AND TUBES
8-2-2004		5387.7			Changed Oil & Filter
8-31-04	Tach	5403			R/R Right Mag (#4370) * Left Mag (4373) Ran up & checked for operation Left Mag drop 75 * Right Mag 75 * Checked OK Jimmy Ambrose AXP 50880 2777
10-25-04		5438.5			CHANGE OIL & FILTER
CARRIED FORWARD					
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

MAINTENANCE RECORD

18

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

AEROSHELL 15-50

Rick Jarvis

Aeroshell 15w-50

Rick Jarvis

Aeroshell 15w-50

Rick Jarvis

REM 38E spark plugs, New air filter, Replaced
Vac pump. Checked compression 1-72 2-70 3-76 4-75/80.
functions normal - no oil or fuel leaks at this time

Aeroshell 15w-50

Rick Jarvis

~~Scott M. Rini~~
510-66-4077

Aeroshell 15w-50

Rick Jarvis

AEROSHELL 15-50

~~Scott M. Rini~~
510-66-4077

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					
1-21-2005	Tach 5475.67 hrs		Change Oil (Aeroshell 15W-50) & filter (CH48110) checked Comp #1-72 #2-6, #3-76 & #4-68. Inspected many points & checked timing, cleaned gapped & rotated 3 spark plugs. Cleaned fuel screens & drained sumps. Inspected & lubed engine controls. Ran up & checked for oil & fuel leaks none found at this time		
I certify that this <u>Engine</u> ^{is} been inspected in accordance with a <u>1-21-04</u> Annual Inspection and was determined to be in an airworthy condition. Date <u>1-21-04</u> Tach. Time <u>5475.67</u> Total Time <u>1-21-04</u>					
Signature <u>Jimmy Ambrecht</u> # <u>I450890277</u>					
5/27/05	Tach 5505.4 hrs		Installed reconditioned Propeller Jimmy Ambrecht A*P 508902777		
7-11-05	TACH 5526.0		Changed Oil & Filter Aeroshell 15W-50 Rick Jansen		
Jan 19, 2006	Tach 5575.94		TTS MOH 1232.71		
Changed oil & filter (Exxon Elite 20W-50 & CH48110) checked many points & timing checked Comp #1-72 #2-54 #3-78 #4-78 all over 80 check done Cold. Clean Gapped & rotated 5 spark plugs. Cleaned fuel screens & drained carb & sumps Inspected & lubed Engine Controls Ran up & checked for oil & fuel leaks none found at this time May Drop 675 R75					
I certify that this <u>Engine</u> ^{has} been inspected in accordance with a <u>100 hr.</u> Annual Inspection and was determined to be in an airworthy condition. Date <u>Jan 19, 2006</u> Tach. Time <u>5575.94</u> Total Time <u>1232.71</u> TTS MOH					
Signature <u>Jimmy Ambrecht</u> # <u>I460690277</u>					
6-5-06	CHANGED OIL & FILTER (EXXON ELITE) TACH 5622.2				
CARRIED FORWARD					
TOTAL THIS PAGE					
TOTAL FROM PREVIOUS SUMMARY					
TOTAL SINCE MFG.					

MAINTENANCE RECORD

19

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

Scott McKelvey 510-66-4027

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

ENGINE SERVICE AND

DATE	TIME RUN		TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
	HRS.	MIN.	HRS.	MIN.	
BROUGHT FORWARD →					
1-9-2007					OIL CHANGE & FILTER →

Feb 9, 2007 Tach 5682.82 hrs. TTSMOH 1339.59 hrs.

Cleaned gaped and rotated spark plugs. Checked engine compression, #1-76, #2-66, #3-77, #4-74 all over 80. Drained carb. and cleaned fuel screen. Checked mag timing and mag points. Inspected exhaust system for cracks. Inspected motor mounts. Washed down engine, inspected and lubed engine controls. Ran up and checked for leaks. All functions normal at this time. Mag drop left 75, right 75.

I certify that this Engine has been inspected in accordance with the 11 Annual Inspection and was determined to be in an airworthy condition. Date Feb 9, 2007 Tach. Time 5682.82 Total Time TTSMOH 1339.59

Signature James Ambrecht # LA508602177

11-19-2007
9-7-2008

OIL CHANGE & FILTER
OIL Change & Filter

February 22, 2008 Tach 5723.05 TTSMOH. 1379.82

Checked mag points and mag timing. Checked compression, #1-78, #2-62, #3-78 & #4-76 all over 80. Cleaned, gaped, rotated & tested spark plugs. Inspected all engine controls. Washed down engine and lubed engine controls. Inspected exhaust system & muffler for cracks. Drained carb & cleaned fuel screen. Inspected engine mount for cracks. Ground run engine, all functions normal at this time. Mag drop L-75, R-75.

I certify that this ENGINE has been inspected in accordance with a ANNUAL INSPECTION and was determined to be in an AIRWORTHY condition. Tach 5723.05 TTSMOH 1379.82

James Ambrecht LA 508602177

2/22/2008

CARRIED FORWARD

TOTAL THIS PAGE

TOTAL FROM PREVIOUS SUMMARY

TOTAL SINCE MFG.

MAINTENANCE RECORD

20

REPAIRS, ADJUSTMENTS, MODIFICATIONS
ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

SIGNATURE

LICENCE
NUMBER

EXXON ELITE 20-50 (TACH 5677.5 HRS.) *Jeff Williams* 510-66-4077

EXXON ELITE 20-50 (TACH 5715.4)
EXXON ELITE 20-50 (5663.4 tach) *Jeff Williams* 510-66-4077
Jeff Williams 512-70-2791

Red Willow Aviation

Mc Cook Ne 69001 308-345-3635 800-658-4394

Date 4/18/09 Tach 5770.7 SMOH 1427.5 N35AT

Annual inspection complete this date. Compression test 1-68 2-55 3-70 4-70. Replaced all cylinders due to broken rings. Installed overhauled units from ACE (see 8130 tag). Assembled using new gaskets. Clean, gap and rotate spark plugs. Inspected exhaust system for leaks. Check mag timing. Check controls for proper operation. Service the engine with A/S 80 and AA48110. I certify this a/c engine has been inspected IAW a annual inspection and was determined to be in an airworthy condition.——END——

Jeff Williams A&P 510780222 IA *Jeff Williams*

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

RECORD OF ENGINE AIRWORTHINESS DIRECTIVES (A/D), SERVICE BULLETINS (S/B),

DATE	A/D, S/B, S/I, MODS	DETAILS OF
Nov. 1/76	Lyc. SB 3400	LW13790 SHAFT & LW12892 THRUST
Nov. 1/76	Lyc. ST 1336	TARGET BODIES
Nov. 1/76	Lyc. ST 1340	LW14078 Piston Pins
May 13/92	First SBA2-90	Metal Float in Carburetor
May 13/92	SB 599 D-Band	Impulse Coupling

Red Willow Aviation

Mc Cook Ne 69001 308-345-3635 800-658-4394

Date 5/20/10 Tach 5828.4 SMOH 1485.2 N35AT

Annual inspection complete this date IAW scope and detail of FAR43 App D and Piper PA28 service manual. Compression test 1-72 2-76 3-72 4-68. Clean, gap and rotate spark plugs. Replace vacuum pump seal and gasket. Change oil and filter, service with 8qts of A/S 15W-50 and AA48110 filter. I certify this a/c engine has been inspected IAW a annual inspection and was determined to be in an airworthy condition.

Griff Malleck A&P 2135013 IA

Griff Malleck

Red Willow Aviation

Mc Cook NE 69001 308-345-3635 800-658-4394

Date 6/7/11 Tach 5942.1 N35AT

Annual inspection complete this date IAW scope and detail of FAR 43 App D. Compression test 1-74 2-72 3-74 4-77. Clean, gap and rotate spark plugs. Installed new exhaust system from Knisley welding. Check mag timing. Change oil and filter, serviced with 8qts of A/S 15W-50 and AA48110 filter. I certify this a/c engine has been inspected IAW a annual inspection and was determined to be in an airworthy condition.—END—

Griff Malleck A&P 2135013 IA

Griff Malleck

Red Willow Aviation

Mc Cook NE 308-345-3635

Date 10-10-11 N35AT TACH 6005.18

Change engine oil and filter, serviced with 8 quarts A/S 80w oil and AA48110-2 filter. Replaced tube in R/H main tire, 6.00-6. Ground run ops check ok. Darrel B. Schutz A&P 3014936 —END—

Darrel B. Schutz

Red Willow Aviation

Mc Cook NE 308-345-3635

Date 10-28-11 N35AT TACH 6032.0

Change engine oil and filter, service with 8 qts A/S 80w oil and AA48110-2 filter. Leak check ok. Darrel B. Schutz A&P 3014936 —

—END—

Darrel B. Schutz

SPECIAL

MODIFICATIONS (MODS)

WORK OR

SIGNATURE

LICENCE
NUMBER

BUTTONS

OCEAN AERO ENGINES LTD.

OCEAN AERO ENGINES LTD.

Tom Rikus VRM227
Tom Rikus VRM227
Tom Rikus VRM227

complied with - Airworthy
fw by replacement - due every 1000 hrs

Red Willow Aviation

Mc Cook NE 308-345-3635

Date 11-10-11 TACH 6061.72 N35AT
Annual inspection complete this date IAW FAR 43 App D. Compression
test 1-77, 2-77, 3-74, 4-74. Installed new REM 38E spark plugs.
Check mags and timing. I certify this a/c was in an airworthy condition.
-END- Griff Malleck A&P 2135013
Griff Malleck

Red Willow Aviation

Mc Cook NE 308-345-3635

Date 11-10-11 TACH 6061.72 N35AT
Removed MA-4-5 Carburetor, p/n 10-3878, s/n C-49-7339. Installed
repaired MA-4-5 Carburetor, p/n 10-4164-1, s/n K-35-6904. Ground
run up, adjust and ops check ok. leak check ok. END
Darrel B. Schutz A&P 3014936
Darrel B. Schutz

Red Willow Aviation

Mc Cook Ne 69001 308-345-3635 800-658-4394

Date 12/3/12 Tach 6147.2 SMOH 1804.0 N35AT
Annual inspection complete this date IAW scope and detail of FAR 43 App D.
Compression test 1-78 2-73 3-77 4-76. Clean, gap and rotate spark plugs. Check
exhaust system for leaks. Check mag timing. Change oil and filter, serviced with 8qts
of A/S 15W-50 and AA48110 filter. I certify this a/c engine has been inspected IAW a
annual inspection and was determined to be in an airworthy condition.

Griff Malleck A&P 2135013 IA
Griff Malleck

Red Willow Aviation

Mc Cook Ne 69001 308-345-3635 800-658-4394

Date 4/21/14 Tach 6186.4 SMOH 1804.0 N35AT
Annual inspection complete this date IAW scope and detail of FAR 43 App D.
Compression test 1-78 2-76 3-75 4-71. Clean, gap and rotate spark plugs. Check
exhaust system for leaks. Check mag timing. Change oil and filter, serviced with 8qts
of A/S 100W and AA48110 filter. I certify this a/c engine has been inspected IAW a
annual inspection and was determined to be in an airworthy condition.

Griff Malleck A&P 2135013 IA
Griff Malleck

RECORD OF ENGINE

DATE: 7-27-15

TSMOH: 00:00

TACH: 6241.32

MODEL: O-360-A3A

SERIAL: L-17918-36A

N35AT

NS (S/B),

ILS OF

This engine was Overhauled this date in accordance with Lycoming Parts Manual PC-306-1 and Overhaul Manual 60294-7. Crankshaft overhauled / certified mains M.006 and rods M.003, see release form. Connecting Rods overhauled and certified, see release form. Internal Steel magnaflux inspected, see release forms. New Lycoming Camshaft LW18840 and 8 each 72877 Lifter Bodies installed, see release forms. 8 each Hydraulic Units Overhauled and Certified, see release form. Crankcase Overhauled / Certified Crankcase by CSI, see release form. Engine assembled with the following new parts: 1 each 75349-1 Major Gasket Set; 2 each SL13884AM006 Main Bearings; 4 each SL11020M.006 Main Bearings; 8 each SL13521M.003 Rod Bearings; 8 each SL75061 Rod Bolts; 8 each LW12186 Rod Nuts; 1 each STD-2246 Crank Gear Bolt; 8 each Rocker Arms reworked as required. Installed new SL78528 Oil Pump Body with new SL18109S Oil Pump Gear Kit. New Slick Magnetos with new harness and sparkies, see release form. Nitrided Steel Cylinders reworked with all new parts consisting of valves, springs, seats, guides, pistons, piston pins, rings, rocker shafts, thrust buttons and keepers. Carburetor Overhauled / Certified, see release form. Installed new AF15472 Fuel Pump, Serial# 07C514, see release form. Serviced engine with 8 quarts of Aeroshell 100 Mineral and 1 each CH48110-1 Oil Filter and was tested in accordance with Lycoming Overhaul Manual 60294-7 and is approved for return to service. For details concerning this Overhaul, please refer to **WO#4861** on file at this Repair / Overhaul Facility. Maintenance Release Tags supplied with this Logbook Entry. -----END-----

J. F. Folchert

A&P2689458

FOR

Aircraft Cylinders & Engines, Inc.

625 Buss Avenue

Greeley, CO 80631

Red Willow Aviation

Mc Cook Ne 69001 308-345-3635 800-658-4394

Date 8/20/15 Tach 6241.32

N35AT

Annual inspection complete this date IAW scope and detail of FAR 43 App D. Engine removed and sent to Aircraft Cylinders & Engines for overhaul. Reinstalled overhauled engine IAW FAR 43 App D and Piper 28 service manual. (see logbook label for details). Installed Aero-Classic Engine Oil Cooler p/n 8000075 s/n 10427097 IAW Aero-Classic Installation Manual. Serviced with 8qts of A/S 100W. I certify this a/c engine has been inspected IAW a annual inspection and was determined to be in an airworthy condition. -----END-----

Griff Malleck A&P 2135013 IA

Griff Malleck

Red Willow Aviation

Mc Cook Ne 69001 308-345-3635 800-658-4394

Date 8/18/16 Tach 6286.13

SMOH 44.81

N35AT

100hr inspection complete this date IAW scope and detail of FAR 43 App D. Compression test 1-76 2-78 3-76 4-72. Clean, gap and rotate spark plugs. Check exhaust system for leaks. Check mag timing. Change oil and filter, serviced with 8qts of A/S 15W-50 and AA48110-2 filter. I certify this a/c engine has been inspected IAW a 100hr inspection and was determined to be in an airworthy condition.

Griff Malleck A&P 2135013

Griff Malleck

SPECIAL INSPECTIONS (S/I) AND MODIFICATIONS (MODS)

Red Willow Aviation

Mc Cook NE 308-345-3635

Date 12/14/16 N35AT Tach 6310.4

Change oil and filter, serviced with 8qts A/S 15W50 and AA48110-2 oil filter.

Griff Malleck A&P 2135013

35 AT Tach 6336.6 05/09/2017

Changed oil with 8 quarts aeroshell 100 oil and tempest 48110 oil filter. Test ran leak checked ok.

Melvin Brice Riley A&P 3442871

35 AT Tach 6363.3 08/23/2017

Changed oil with 8 quarts aeroshell 100 oil and tempest 48110 oil filter. Test ran leak checked ok.

Melvin Brice Riley A&P 3442871

Red Willow Aviation

Mc Cook Ne 69001 308-345-3635 800-658-4394

Date 9/22/18 Tach 6374.02 SMOH 132.70 N35AT

100hr inspection complete this date IAW scope and detail of FAR 43 App D and Lycoming O-360 Service Manual. Compression test 1-70 2-72 3-78 4-72. Clean, gap and rotate spark plugs. Check exhaust system for leaks. Check mag timing. Change oil and filter, serviced with 6qts of A/S W100 and AA48110-2 oil filter. All ADs thru 17-16-11 complied with. I certify this a/c engine has been inspected IAW a 100hr inspection and was determined to be in an airworthy condition.

Griff Malleck AP2135013 IA

Red Willow Aviation

Mc Cook NE 308-345-3635

Date 04/17/19 N35AT Tach 6401.48

Change oil and filter, serviced with 8qts of A/S 80W and AA48110-2 oil filter. Test ran and leak checked no discrepancies no noted.—END—

Chance Evans A&P # 4007022

RECORD OF ENGINE AIRWORTHINESS DIRECTIVES (A/D), SERVICE BULLETINS (S/B),

DATE A/D. S/B, S/I, MODS

DETAILS OF

11/19/19 N35AT Tach 6453.5 SMOH 212.13

100hr inspection completed this date IAW scope and detail of FAR43 App D and Lycoming O-360 Service Manual. Compression test 1-77/80 2-79/80 3-79/80 4-79/80. Cleaned, gap and rotate spark plugs. Checked exhaust for leaks. Checked mag timing. Changed filter and oil, serviced with 8qts aeroshell 80w and 48110-2 filter. All ADs thru 17-16-11 complied with. I certify this a/c engine has been inspected IAW a 100hr inspection and was determined to be in an airworthy condition. -----end-----

Chance Evans A&P# 4007022

Chance Evans

6/20/2020 N35AT Tach 6510.3

Changed engine oil and filter, 8QT aeroshell 100w and 48110 filter test run and checked for leaks none noted -----end-----

Chance Evans A&P 4007022

Chance Evans

11/6/2020 N35AT Tach 6543.2

100hr inspection completed this date IAW FAR 43 APP d and lycoming service manual. Removed both mag for 500hr inspection sent to aircraft magneto service and reinstalled and timed. Compression 1-76, 2-77, 3-78, 4-75. Cleaned and rotated spark plugs. Changed Engine oil and filter, 8QT Phillips XC 20-50 And 48110 Filter test run and checked for leaks none noted. I certify this AC has been inspected IAW a 100 HR inspection and was determined to be in and airworthy condition -----END-----

Chance Evans 4007022

Chance Evans

HUNTSVILLE, ALABAMA 35801
1-800-633-2950
REORDER FROM:
AVIATION BUSINESS SYSTEMS
715 North Memorial Parkway

Maintenance Release
RED WILLOW AVIATION
The aircraft, airframe, aircraft engine, propeller or appliance identified below was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Pertinent details of the repairs under Work Order # 25852 are herein attached
Dated 12 OCTOBER 2020
Inspected By *Chance Evans*
Cert. # A/P 1862854

SERVICEABLE

Name CHAMPION AEROSPACE
Unit SLICK MAGNETO
Part # 4370 Ser. # 14101209
Aircraft _____ ID# _____
Disposition RETURN TO SERVICE
Reason For Removal 500HR INSPECTION
Removed By Red Willow Date _____
AD or Service C/W SLICK SB2-08B, SB3-08B
Bulletins SB1-12 WITH NEW PARTS
Work Performed 500HR INSPECTION IAW MFR'S SERVICE INSTRUCTIONS
FAA Certificate No. c/w SB1-15A

AIRCRAFT MAGNETO SERVICE
8171 MULLAN ROAD
MISSOULA, MONTANA 59808
www.aircraftmagnetoservice.com
INSTALLED NEW K3008
DISTRIBUTOR GEAR

SPECIAL INSPECTIONS (S/I) AND MODIFICATIONS (MODS)

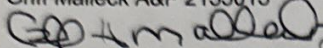
WORK OR INSPECTION PERFORMED

SIGNATURE

LICENCE
NUMBERDate: 12/1/2020 N35AT Tach:6562.2 TSMO:320.8

100hr inspection completed this date IAW scope and detail of FAR 43 and Lycoming O-360 service manual. Compression test 1-75, 2-78, 3-78, 4-78. Cleaned gapped and rotated spark plugs. Checked engine controls for proper operation. Cleaned main fuel screen. Changed oil and filter, serviced with 8 qts Phillips 20W-50 and AA48110-2 filter. No AD's due at this time. I certify this engine has been inspected IAW a 100hr inspection and was determined to be in airworthy condition.

Griff Malleck A&P 2135013

 A.P. 2135013 ± A
RWA

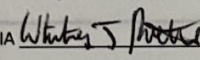
Red Willow Aviation

1900 Airport Rd McCook, Ne 69001

Date	Registration	Make/Model	S/N	TACH/HOBBS	ACTT
8-29-2022	N35AT	PA-28-180	28-7305530	6656.38/1460.1	6656.38

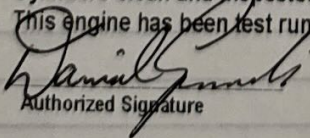
Lycoming O-360-A4A, S/N L-17918-36A TSN:6656.38 TSO:414.98

Removed Engine for Overhaul due to large amounts of metal shavings in oil system, sent to Central Cylinder Service Inc. Address: 6315 Lindberg Dr. Omaha, Ne 68110.

Whitney Rothwell A&P 3404408 IA  -END-

CENTRAL CYLINDER SERVICE INC.
AIRCRAFT ENGINE REBUILDERS
Certified Repair Station MY2RO22L

1 ea. Lycoming O-360-A4A Engine S/N: L-17918-36A Camshaft & Tappet repair, This engine has been disassembled, inspected, replaced Camshaft and tappets with additional parts listed under WO#20859 Complied with AD2004-10-14C and AD98-02-08 reassembled with current recommended procedures and all clearances and tolerances are within new limits. Procedures and limits used are current and supplied by the manufacturers overhaul manual. MPI misc. steel parts per hidden damage report. No Discontinuities found at this time. Crankshaft MPI and dimensionally inspected Mains M06 and Pins M03 Crankcase dye checked and dimensionally inspected. Cylinders clean and inspected pistons, hone, and fit rings only. This engine has been test run and is approved to return to service.


Authorized Signature

October 4, 2022

Date

Central Cylinder Service, INC.
6315 Lindbergh Drive
Omaha, NE 68110-2819

RECORD OF ENGINE AIRWORTHINESS DIRECTIVES (A/D), SERVICE BULLETINS (S/B),

DATE	A/D, S/B, S/I, MODS	DETAILS OF
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RWA

Red Willow Aviation

1900 Airport Rd McCook, Ne 69001

Date	Registration	Make/Model	S/N	TACH/HOBBS	ACTT
12-01-2022	N35AT	PA28-180	28-7305530	6656.57/1461.2	6656.57

Lycoming O-360-A4A, S/N L-17918-36A, TSN: 6656.38, TSMO:414.98

Installed repaired engine from central cylinder on aircraft N35AT PA28-180 S/N 28-7305530 in accordance with Lycoming O-360 and PA28 service manuals see work order number 20859 from central cylinder service inc. for engine repairs.

Whitney Rothwell A&P 3404408 IA Whitney S. Rothwell -END-

RWA

Red Willow Aviation

1900 Airport Rd McCook, Ne 69001

Date	Registration	Make/Model	S/N	TACH/HOBBS	ACTT
12-01-2022	N35AT	PA28-180	28-7305530	6656.57/1461.2	6656.57

Lycoming model: O-360-A4A, S/N: L-17918-36A, TSN: 6656.38, TSMO:414.98

Completed a 100hr inspection in accordance with FAR 43, Appendix D, by using the current Lycoming service manual, and an Annual/100 hr checklist as a guide. Checked engine compressions; 1-70/80, 2-76/80, 3-79/80, 4-70/80. Cleaned, gapped and rotated spark plugs. Cleaned main fuel screen. Drained oil removed oil filter and cut open no defects noted. Installed new oil filter P/N AA48110-2 and safetied. Serviced engine with 8qts Aeroshell 100. Lubed and checked engine controls for proper operation and freedom of movement. Performed performed break-in procedure and test flight in accordance with Lycoming service manual. No leaks noted at this time ops check good. All AD's researched through this date. I certify that this engine has been inspected in accordance with a 100-hour inspection and was determined to be in Airworthy condition.

Whitney Rothwell A&P 3404408 IA Whitney S. Rothwell -END-

RWA

Red Willow Aviation

1900 Airport Rd McCook, Ne 69001

Date	Registration	Make/Model	S/N	TACH/HOBBS	ACTT
12/19/2022	N35AT	PA28-180	28-7305530	TACH: 6661.75	6661.75

Lycoming O-360-A4A, S/N L-17918-36A TSN:6661.75 TSO:420.35

Drained oil removed oil filter and cut open no defects noted. Installed new oil filter P/N AA48110-2 and safetied. Serviced engine with 8qts Aeroshell 80W. Performed ground run, ops check good no leaks noted.

Whitney Rothwell A&P 3404408 IA Whitney S. Rothwell -END-

RWA

Red Willow Aviation

1900 Airport Rd McCook, Ne 69001

Date	Registration	Make/Model	S/N	TACH/HOBBS	ACTT
8/31/2023	N35AT	PA28-180	28-7305530	TACH: 6726.13	6726.13

Lycoming O-360-A4A, S/N L-17918-36A TSN:6661.75 TSO:420.35

Drained oil removed oil filter and cut open no defects noted. Installed new oil filter P/N AA48110-2 and safetied. Serviced engine with 8qts XC20W-50. Performed ground run, ops check good no leaks noted.

Whitney Rothwell A&P 3404408 IA Whitney S. Rothwell -END-

RWA

Red Willow Aviation

1900 Airport Rd McCook, Ne 69001

Date	Registration	Make/Model	S/N	TACH/HOBBS	ACTT
5-30-2024	N35AT	PA28-180	28-7305530	TACH: 6803.54	6803.54

Lycoming O-360-A4A, S/N L-17918-36A TSN:6661.75 TSO:424.38

Lycoming O-360-A4A, S/N L-17918-36A TSN:6661.75 TSO:424.38

Drained oil removed oil filter and cut open no defects noted. Installed new oil filter P/N AA48110-2 and safetied. Serviced engine with 7qts Aeroshell 80W. Performed ground run, ops check good no leaks noted.

Łosowski Osentowski A&P nmbf pending Łosowski -END-

Oil change

RECORD OF ENGINE
SPECIAL INSPECTIONS (S/I) AND MODIFICATIONS (MODS)

4

INSPECTION PERFORMED

SIGNATURE

LICENCE
NUMBER

RWA

Red Willow Aviation

1900 Airport Rd McCook, Ne 69001

Date	Registration	Make/Model	S/N	TACH/HOBBS	ACTT
01-01-2024	N35AT	PA28-180	28-7305530	6764.33	6764.33

ENGINE-Lycoming model: O-360-A4A, S/N: L-17918-36A, SMOH: 522.74

Completed a 100hr Inspection in accordance with FAR 43, Appendix D, by using Lycoming Maintenance Manual. Checked engine compressions; 1-75/80, 2-74/80, 3-69/80, 4-72/80. Cleaned, gapped and rotated spark plugs. Cleaned main fuel screen. Lubed and checked engine controls for proper operation and freedom of movement. Inspected prop blades, spinner and spinner bulkhead no defects noted. Dressed propeller blades and checked tack. Performed ground run ops check normal no leaks noted. All AD's researched through this date. I certify that this engine and propeller have been inspected in accordance with a 100-hour inspection and was determined to be in Airworthy condition.

Whitney Rothwell A&P 3404408 IA *Whitney Rothwell*

-END-