

1. UNITED STATES		2. <b>FAA FORM 8130-3</b> AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration			3. System Tracking Ref. No. SO # 121718	
4. Organization. BEVAN-RABELL INC. 1880 Airport Rd. Wichita, Kansas 67209				5. Work Order, Contract or Invoice Number <b>SAME AS # 3</b>		
6. Item 1	7. Description NAV SYSTEM	8. Part Number 066-04008-0000	9. Eligibility VARIOUS	10. Quantity 1	11. Serial/Batch No. 2554	12. Status/Work Repaired
13. Remarks: REFERENCE SERVICE SHOP REPORT FOR WORK PERFORMED This unit was repaired and tested in accordance with the procedures contained in Bendix/King MM # 006-05154-0003 Rev. 3, July, 1984.  The details of this repair are on file at this repair station under SO # 121718. Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.						
14. Certifies the items identified above were manufactured by conformity to: <input type="checkbox"/> Approved design and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
15. Signature:		16. FAA Authorization No.	20. Authorized Signature: <i>Michael Gros</i>		21. Certificate Number: <b>KG2R951K</b>	
17. Name (Typed or Printed):		18. Date:	22. Name (Typed or Printed): Michael Gros		23. Date: 09/30/02	

FAA Form 8130-3 (06-01)

\*(Optional) Installer must cross check eligibility with applicable technical data.

<p>FAA Forms 8130-3</p> <h2 style="text-align: center;">Airworthiness Approval Tag</h2> <h3 style="text-align: center;">User/Installer Responsibilities</h3>
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to Install the part/component/assembly.</p> <p>Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the county specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts parts/components/assemblies from the Airworthiness Authority of the country specified In block 1.</p> <p>Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown</p>
<p>The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as Canada also have equivalent acceptable documents.</p>

### NEW ENGINE CERTIFICATE


This is to certify that the engine as described hereafter has been run-in and tested as prescribed by AVCO Lycoming Specifications and Federal Aviation Agency Regulation. No further run-in after installation is required.

Model 0-540-A1D5 Serial No. L-14984-40

Manufactured as new on April 4, 1972

Authorized representative [Signature]

AVCO Lycoming Factory Service Department  
Form No. 777-A

 **LYCOMING DIVISION** - WILLIAMSPORT, PA. 17701

OWNER

14 04  
1747

NAME

ADDRESS

Installed Aircraft No.

1	_____	_____	_____
2	_____	_____	_____
3	_____	_____	_____
4	_____	_____	_____
5	_____	_____	_____
6	_____	_____	_____

If this book is found, please return it to the owner.



ENGINE LOG

Time Since Major	Recorder Reading	Maintenance
	1195hrs	March 15, 1974 This "O" Time Log was with 337 this date. I certify that my accordance with determined to be

and Remarks	Signature	Certificate No.
Total Operating Time 1195hrs - installed in N7576E. accordance This engine has been inspected and proper inspections were in accordance with conditions George A. Hammann Serial IP1905776	SP L-14984-40.	

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
4-15-75	Brought Forward →	Next →	47	
Total To Carry Forward				

and Remarks

April 14-1975 T.T. 47 hrs.

Signature

I certify that this ENGINE has been inspected in accordance with an AVIATION inspection and was determined to be in presently condition. Pertinent details are on file at this agency under work order No. 2687.

Signed Don Proger  
 Ocean Aviation, Inc.  
 FAA Repair Station 109-18  
 Robert J. Miller Airpark  
 Toms River, N.J. 08753

ORDER NO.

Maintenance

and Remarks

Signature

Certificate No.

April 14-1975 T.T. 49 Pms.

I certify that this ENGINE has been inspected in accordance with an AVIATION inspection and was determined to be in AIRWORTHY condition. Pertinent details are on file at this agency under work order No. 2687.

Signed Don Briggs  
Ocean Aviation, Inc.  
FAA Repair Station 109-18  
Robert J. Miller Airpark  
Toms River, N.J. 08753

Order No. \_\_\_\_\_  
Class of Aircraft, etc. \_\_\_\_\_



NE LOG

Recorder Reading

Maintenance

244.36 INSTALLED OVERHAUL  
MODEL HCB2YK-1D/  
NO. 9726 BIRD SEAN  
NEW BIRDS, W.D.  
LANCASTER, PA. 17604

and Remarks

Signature

Certificate No.

33-7 HARVELL, HUB SERIAL  
# B92266, 2234 (INSTALLED &  
# 5429, STENSERICH CORP.

Ralph W. Dale A10765349



ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date Brought Forward	Since Major		
5-14-76	→	May 14, 1976		<p>I certify that this <u>ENGINE</u> has been inspected in accordance with an <u>APR 22</u> inspection and was determined to be in <u>GOOD</u> condition. Pertinent details are on file at this agency under work order No. <u>3122</u>.</p> <p>Signed <u>Joe Mays</u>                      Ocean Aviation, Inc.                      FAA Repair Station 109-18                      Robert J. Miller Airpark                      Toms River, N.J. 08753</p>
				<p>Check time 1246                      TTSNOR = 51 hr</p>
Total To Carry Forward				

and Remarks	Signature
<p>Sept 22, 1976 Check Time 1248</p> <p>Checked AD, adjusted gear</p> <p>checked fueler, adjusted gear timing</p> <p>Joe Mays APR 1504804</p>	
<p>Checked compression:</p> <p>1. 77/80    3. 78/80    4. 77/80    5. 77/80</p> <p>2. 77/80    6. 78/80</p> <p>Joe Mays AP 1504804.</p>	
<p>11-15-76 TACH 1253 oil changed - screen cleaned</p> <p>APR 1 oil INST's 11/d Rust Allogny</p>	

Maintenance

Tech Time - ~~51 hr~~  
 TTSmot = ~~51 hr~~  
 Tech Time 1246  
 TTSmot 51 hr

and Remarks	Signature	Certificate No.
Sept 22 1576 Tech Time 1248 hr.		
Checked AD, adjusted gear up circuit knob, adjusted gear warning horn.		
Checked compression: 1. 77/80 3- 78/80 4- 77/80 5- 77/80 2. 77/80 6- 78/80		
Duo Progs AP 1504804.		
11-15-76 TACH 1233. Oil changed - Screen cleaned		SAE #30
MINOR oil possible Kust Morgan App 1161318		

ENGINE LOG

TACH. 1282

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
6-3-77	Brought Forward →			
1. Comp. ck.	All	80/80		
2. Changed oil	Aeroshell	W-100		
3. Replaced	#5 Rocker Box Cover Gasket			
4. Installed New	Bumper Drive on Starter			
10-13-77	TACH 1308	oil changed	Screen changed	R. W. Ogden 1161318
3-29-79	TACH 1331	oil	changed	W-100 R. W. Ogden 1161318
Total To Carry Forward				

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A AIRBORNE INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION.  
 DATE: 6-3-77 T. T. IN SERVICE 87  
 SIGNATURE: R. W. Ogden  
 #: 1A1161318

and Remarks

TACH. 1355

1. Comp. ck	1 80/80 2 79 3 79 4 78 5 78 6 78	
2. oil	changed	W-100
3. Replaced	carb Air Screen	Duct
4. Adjusted	Generator Belt	
5. Tightened	Lower RT. Support Bolt	
8/27/78	Oil changed	W-100
Signature		Certificate
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A AIRBORNE INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. DATE: 6-26-78 T. T. IN SERVICE SIGNATURE: <u>R. W. Ogden</u> #: 1A1161318		
TACH 1391		

Maintenance

THIS ENGINE HAS BEEN  
IN ACCORDANCE WITH A  
AND WAS DETERMINED TO  
WORTHY COND. TON.

T. T. IN SERVICE 87

Kurt Meyer

161318

Clawd K. Meyer 1161311  
Kurt Meyer 1161311

and Remarks

TACH. 1355

1. Check 1 <sup>4</sup>80 <sup>2</sup>79 <sup>4</sup>76 <sup>4</sup>78 <sup>4</sup>78 <sup>4</sup>78 <sup>4</sup>79 <sup>4</sup>79

2. oil changed W-100

3. Replaced carb Air Screen DUCT

4. Adjusted Governor Belt

5. Tightened lower RT. Sup Mt. Belt

8/27/78 Oil changed W-100

Signature

Certificate No.

I CERTIFY THAT THIS ENGINE HAS BEEN  
INSPECTED IN ACCORDANCE WITH A  
INSPECTION AND WAS DETERMINED TO  
BE IN AN AIRWORTHY CONDITION.

DATE 6-26-78 T. T. IN SERVICE 160

SIGNATURE

Kurt Meyer

# 1A1161318

F. K. TACH 1391



Maintenance

and AC oil filter  
spare on  
877. serviced with

Boyd APR5746957

and Remarks

Signature

Certificate No.

2/2/79 TACH 1462 Changed oil + serviced  
with 165 AeroShell.

Boyd APR5746957

3/21/79 TACH 1493 Changed oil + filter.

Serviced with 50WT AeroShell.  
Boyd APR5746957.

5/11/79 TACH 1530 CHANG' OIL WITH 50WT AeroShell

Boyd APR5746957

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
Date <u>7/9/79</u>	Brought Forward →	T. F. <u>1552.7</u>	Comp. Ct. <u>170/80</u>	<u>4) 75/80</u>
			<u>2) 75/80</u>	<u>5) 70/80</u>
			<u>3) 80/80</u>	<u>6) 70/80</u>
<p>I certify that this <u>Engine</u> has been inspected in accordance with # <u>FA-1136463</u></p> <p><u>Amused</u> inspection and was determined to be in airworthy condition.</p> <p><i>[Signature]</i></p>				
Total To Carry Forward				

and Remarks	Signature
5-10-80 TT 1655.0 change oil + FILTER SERVICES WITH 12 OILS AEROSOL SHEBOST OIL + LUBRICANTS OIL FILTER PHO 2F51A + OIL FILTER STOPS 2F512	<i>[Signature]</i>

Maintenance

70/80 4) 75/80  
75/80 5) 70/80  
80/80 6) 70/80

and Remarks

Signature

Certificate No.

5-10-80 TT 1655.0

Change oil + FILTER

services with 12 Oils Aeroshell

one 20W oil + INSTALLED

oil FILTER P10 2F51A

+ oil FILTER STORER 2F712

*M. J. J. J.*  
19142549835



ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
9/13/79	T.T. 1520 Brought Forward →	oil + FILTER	CHANGED	
		12 QTS 50 WT. MOBIL OIL		
		R. F. 180-561	7-12-157-90-56-9	
12-6-79	T.T. 16052	Oil + FILTER	CHANGED	
		12 QTS 40 WT	AEROSHELL	
		leaked OIL	APR 157461957,	
*1/1/80	T.T. 1625.11	GAUGED OIL	Sealed with 65W	
		AEROSHELL	leaked OIL	
			APR 157461957,	
Total To Carry Forward				

and Remarks

Signature

Date 8/12/80 T. T. 16169

Checked 1/80

I certify that this Engine has been inspected in accordance with a

2 70/80  
3 70/80

Annual inspection and was determined to be in airworthy condition.

Changed oil +

Andy Paul

W. oil,

FA-1136463

Sealed with

Maintenance

157-90-36-9  
 05/19/80  
 05-11-80  
 157-90-36-9  
 EPD  
 Shell  
 157-90-36-9  
 Serviced with 65W  
 Serviced with 65W  
 157-90-36-9

and Remarks

Date 8/12/80 T. T. 1669

I certify that this Engine has been inspected in accordance with a

Annual inspection and was determined to be in airworthy condition.

Signature: Andy Paul

FA-1196403

Changed oil + filter  
Serviced with SQUIRRELL  
w. oil,

Signature

Certificate No.

1	70/80	4	70/80
2	70/80	5	70/80
3	70/80	6	68/80



Maintenance

changed oil;  
of 15W 50  
and oil is full

and Remarks

Signature

Certificate No.

filter; serviced with  
shell oil  
Munawar Ali P/140564835

serviced with parts  
15W50 shell oil  
Munawar Ali P/140564835

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance			
	This Date	Since Major					
	Brought Forward →						
Date	9/8/81	TT: 1773		1 70/80	4 76/80		
I certify that this engine has been inspected in accordance with a							
..... inspection and was determined to be in airworthy condition.							
Approved by: <i>[Signature]</i> IA 157464957 Changed oil + filter. Serviced with 15W50 Aeroshell.							
Total To Carry Forward							

and Remarks	Signature	Certificate
3/16/82 Changed oil and filter Serviced with Aeroshell 15W50 oil.	<i>[Signature]</i>	
7/3/82 A/P 152560826		
6-1-82 TT 1848		
Change oil + filter serviced with 12QT 15W50 Aeroshell	<i>[Signature]</i>	A/P 262613967

Maintenance

Compd. 1 70/80      4 76/80  
           2 76/80      5 76/80  
           3 76/80      6 76/80  
 Changed oil + Filter, Serviced  
 with 15W50 Amershell.

and Remarks

Signature

Certificate No.

3/16/82 TT 1808

Changed oil and Filter

Serviced with Amershell

15W50 oil.

*[Signature]* A/P 152560826

Co-1-57 TT 1848

Change oil + Filter serviced

with 12gts 15W50 Amershell

*[Signature]* A/P 262615967

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
	Date 19/07/82	T.T. 1878	Since new 683	Compd. 1 1/8 4 7/16
	I certify that this engine has been inspected in accordance with a ...			2 1/8 3 7/8 3 7/8 6 7/4 1/80
	...inspected and was determined to be in airworthy condition.			Changed oil + filter
	Signed [Signature]			Sealed with 15050
	Removed [Signature]			Removed
	Generator + Replaced			Generator + Replaced
	brushes + back bearings			brushes + back bearings
	Replaced Airtex ht cable			Replaced Airtex ht cable
	Replaced Generator belt			Replaced Generator belt
Total To Carry Forward				

Date	Remarks	Signature	Certification
2/23/83	T.T. 1905 CHANGED OIL SERVICED WITH ALTO SIKIL 15W50 12 QTS	[Signature]	
3-2-83	Tank 1913, 14 Push Rods #3 cyl.	[Signature]	
9-14-83	TACH. 1942.6 DRAINED OIL AND REFILLED WITH 11 QUARTS OF INSPECTED & CLEANED OIL SCREEN, WASHED ENGINE. NEXT OIL CHANGE DUE AT 1996.6 HOURS.	[Signature]	
	One Run Under APT 2321986	[Signature]	

Maintenance

1 Compd. 1<sup>11</sup>/<sub>60</sub> 4<sup>7</sup>/<sub>15</sub>  
 2<sup>5</sup>/<sub>80</sub> 3<sup>15</sup>/<sub>80</sub>  
 3<sup>18</sup>/<sub>80</sub> 6<sup>7</sup>/<sub>14</sub>  
 Changed oil + filter  
 Replaced with 15W50  
 removed - removed  
 removed + replaced  
 washes + back bearing  
 replaced dipstick  
 replaced generator belt,

and Remarks	T.T. 1905	Signature	Certificate No.
2/23/83 AL70 Shell 15W50 12QT5	CHANGED OIL SHELL WITH	Peter Manning	
5-2-83 Tank 1915.14	Tust to Pash Rods	Wade New 5015	
DATE 9-14-83 TACH. 1946.6 DRAINED OIL AND REFILLED WITH 11 QUARTS OF INSPECTED & CLEANED OIL SCREEN, WASHED ENGINE. NEXT OIL CHANGE DUE AT 996.6 HOURS.	Shell 15W50 Charged K127M	Bryant J. Coyne 9860	
Done Tom Jordan	APP 2321986		



ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
I certify that this aircraft ( ) or engine (✓) has been inspected in accordance with an annual or ( ) hour inspection and was determined to be in airworthy condition. Date <u>11/4/83</u>				
	Total time aircraft	<u>1958.5</u>		<u>Screen cleaned spark</u>
	Total time engine	<u>260</u>		<u>Bligs checked &amp; topped</u>
<u>W6 15508</u>	F.A.A. Approved Repair Station #1060 General Aero & Avionics, Inc.			
Signature <u>W.H. Owen</u>				
DATE <u>11/4/83</u> 1958.5				
COMPRESSION CHECK: Cyl. 1 <u>28</u> Cyl. 2 <u>28</u> Cyl. 3 <u>25</u> Cyl. 4 <u>26</u> Cyl. 5 <u>26</u> Cyl. 6 <u>26</u>				
Total T.O.L. <u>2</u> Carry Forward <u>15508</u>				
DATE <u>11/4/83</u> 1958.5 DRAINER OIL AND REFILLED WITH QUARTS OF INSPECTED & CLEANED OIL SCREEN, WASHED ENGINE, NEXT OIL CHANGE DUE AT 15008 HOURS				

and Remarks

Signature

Certificate

<u>3-29-84</u>	<u>Tach 1985 Replaced 11 open plug</u>		
	<u>put in front of old Replaced all wires</u>		
	<u>gaskets Gunston Suckler GAH CR5 1060</u>		
<u>4/6/84</u>	<u>RE-PLACED ENG. TACH READING 1988.5</u>		
	<u>WITH NEW ROCHESTER TACH READING 0000.00</u>		
<u>5-17-84</u>	<u>(T.T. 1998.7) Changed Oil &amp; Filter AF514</u>		
	<u>10 pts Marshall 15w50 working next due</u>		
<u>0057 hrs</u>			
	<u>Gunston Suckler GAH CR5 1060</u>		

Maintenance

Inspection Performed Asin  
 A-A Form W-405 AS  
 Grease Oil CHANGED  
 SCREEN CHANGED SMALL  
 Plugs Checked & topped  
 DATE 11/4/83 1988'S  
 DRAINED OIL AND REFILLED WITH 1 QUARTS OF  
 INSPECTED & CLEANED OIL SCREEN, WASHED ENGINE  
 OIL CHANGE DONE AT 1200 HOURS  
 150050

and Remarks

Signature

Certificate No.

3-29-84 Tach 1985 Replaced 11 spark plugs  
 put in front of all Replaced all valves  
 gaskets Emu Stone Judon GAA CR5 1060  
 4/6/84 Re-lubricated ENG. TACH RIMMING 1988.95  
 WITH NEW ROCHESTER TACH RESPONSE-0.000.00  
 (T.F. 1998AD)  
 5-17-84 Tach 00072 Changed Oil + Filter CR514 and  
 10 qts Penzoil 15W50 worked eng next due  
 CR514  
 Emu Stone Judon GAA CR5 1060

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
I certify that this aircraft ( ) or engine (X) has been inspected in accordance with an annual ( ) or (a) hour inspection and was determined to be in airworthy condition. Date <u>11-16-84</u> Total time aircraft <u>20489</u> Total time engine <u>84509</u> Work <u>16313</u> Tach <u>00522</u> F.A.A. Approved Repair Station #1080 General Aero & Avionics, Inc.				
Signature <u>[Signature]</u>				
DATE <u>11-16-84</u> T.I. IN SERVICE <u>845</u>				
COMPRESSION CHECK: CYL. 1 <u>7580</u> CYL. 3 <u>77180</u> CYL. 5 <u>57580</u> CYL. 2 <u>7480</u> CYL. 4 <u>7680</u> CYL. 6 <u>67480</u>				
Total To Carry Forward				

and Remarks		Signature	Certificate
DATE <u>11-16-84</u> TACH. <u>00522.00</u> DRAINED OIL AND REFILLED WITH QUARTS OF INSPECTED & CLEANED OIL SCREEN, WASHED ENGINE, NEXT OIL CHANGE DUE AT <u>0102</u> HOURS.			
Inspection performed using SAT Form 11405 as a guide. Replaced air filter with new ADs old to 84-21			
I certify that this aircraft ( ) or engine (X) has been inspected in accordance with an annual ( ) or (a) hour inspection and was determined to be in airworthy condition. Date <u>12-2-85</u> Total time aircraft <u>20873</u> Total time engine <u>892.3</u> Serice <u>new</u> Work <u>16866</u> Tach <u>01064</u> F.A.A. Approved Repair Station #1080 General Aero & Avionics, Inc.			
Signature <u>[Signature]</u>			
DATE <u>12-2-85</u> T.I. IN SERVICE <u>892.3</u>			
COMPRESSION CHECK: CYL. 1 <u>74</u> CYL. 3 <u>76</u> CYL. 5 <u>78</u> CYL. 2 <u>77</u> CYL. 4 <u>76</u> CYL. 6 <u>75</u>			
DATE <u>12-2-85</u> TACH. <u>0106.4</u> DRAINED OIL AND REFILLED WITH QUARTS OF INSPECTED & CLEANED OIL SCREEN, WASHED ENGINE, NEXT OIL CHANGE DUE AT <u>0102.4</u> HOURS.			

Maintenance

11-16-84 TACH. 2252.00  
 MAINTAINED OIL AND REFILLED WITH QUARTS OF  
 INSPECTED & CLEANED OIL SCREEN, WASHED ENGINE  
 NEXT OIL CHANGE DUE AT 0101.02 HOURS

Inspection performed using  
 FAA Form 11405 as a guide,  
 replaced air filter with new  
 ADS ckd to 84-21

and Remarks

Signature

Certificate No.

I certify that this aircraft ( ) has been inspected  
 or engine ( ) has been inspected  
 in accordance with an annual ( )  
 or 100 hour inspection and was  
 determined to be in airworthy  
 condition. Date 12-2-85  
 Total time aircraft 2087.3  
 Total time engine 892.3 Spare Parts  
 1101686 TACH-010614  
 T.A.A. Approved Repair Station #1080  
 General Aero & Avionics, Inc.

Inspection Performed  
 GAFA Form 11405 As A  
 GUIDE OIL FILTER CHANGED  
 Spark Plugs Checked & Replaced

Routine Service Flaps

Signature William Brown

DATE 12-2-85 T.T. IN SERVICE 892.3  
 COMPRESSION CHECK  
 CYL. 1 74 CYL. 3 76 CYL. 5 78  
 CYL. 2 77 CYL. 4 76 CYL. 6 75

DATE 12-2-85 TACH. 010614  
 DRAINED OIL AND REFILLED WITH QUARTS OF  
 INSPECTED & CLEANED OIL SCREEN, WASHED ENGINE  
 NEXT OIL CHANGE DUE AT 0106.14 HOURS



Order  
ending

Maintenance

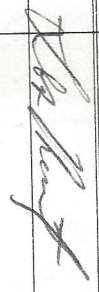
082

Change oil 12 qts

and Remarks

15w 50

Signature



Certificate No.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
9/2/86	0143.0	Replaced Prop After Overhaul		
	By Pierre Rodehorst	Work Done		
9/2/86	0143.0	Changed oil from shell 15-52. imult-		
Total To Carry Forward				

and Remarks	Signature	Certificate
weight and chertall or SIA tillt -	<i>[Signature]</i>	54M casio

Maintenance

up After Deck

MS 1060 GH07

Woodell 15-52. Inuit

and Remarks

Signature

Certificate No.

weight and Shattell or SIA ditto - ~~Handwritten Signature~~ GH07  
CAS 1060



ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
2/2/87	Brought Forward →		163.0	General inspection performed
<p>Using GAA form 17-405 Campbell's filter, removed 1895 15W-50 Shell M1 Clean paper, replaced with 2000. Check may have arrived &amp; label as necessary</p> <p>I certify that this aircraft ( ) has been inspected or engine (X) has been inspected in accordance with an annual (X) or ( ) hour inspection and was determined to be in airworthy condition. Date Feb 2, 1987</p> <p>Total time aircraft 2157.95 at base 552. AD's checked</p> <p>Total time engine 956.95 Thu 86-26</p> <p>TACH 163.0</p> <p>F.A.A. Approved Repair Station General Aero &amp; Avionics, Inc.</p> <p>Signature: Gregory J. [Signature]</p> <p>Total To Carry Forward [Stamp]</p> <p>IA 14259965</p>				

and Remarks	Signature	Certificate No.
Nov 16, 1987 - Oil + Filter changed w/ 12975 Aeroshell 15W50 + AC OF-51A Oil Filter AT Tach Time (196.7)	Kevin E. Kubus	
	AP 137583289	

Maintenance

Engine performance  
1987 15w-50 Shell. Good  
oil & filter as necessary.  
Lubed - more frequent.  
make tank air filter clean  
52. AD's checked  
26. \_\_\_\_\_

and Remarks

Signature

Certificate No.

Nov 16, 1987 - Oil + Filter changed w/  
12 qts Aeroshell 15w50 + AC OF-51A  
Oil Filter AT Thrk Time (196,77)  
Keweenaw E Kuhn  
AP 13758 3289

# SERVICEABLE

DATE

Jan 12/88

OWNER

Sam Cross & Son's

PART

#

29174924

MANUFACTURER

Deere

MODEL

10-540 ND

SERIAL #

1

WORK PERFORMED:

repair ex-post  
base Cyl in steel

### MAINTENANCE RELEASE

The aircraft, airframe, aircraft engine, appliance identified above was repaired and inspected in accordance with current instructions contained in the maintenance rules of the Federal Aviation Regulations under which the operator is certified and is approved for return to service as per those requirements.

"Pertinent details of the repair are on file at this repair station under Work Order No. 630  
Date Jan 12/58 "

Signed

Robert J. Abbott

for

(Signature of authorized representative)

(Repair station name and certificate number)

(Address)

**LOTH ENGINEERING, Inc.**

1325 W. Washington St.  
Orlando, Florida 32805

CRS-764-129

ENGINE LOG

Date	This Date	Engine Time Since Major	Recorder Reading	Maintenance
DATE 3/1/88				
COMPRESSION CHECK: CYL. 1 75/80				
CYL. 2 78/80				
CYL. 3 78/80				
CYL. 4 79/80				
CYL. 5 73/80				
CYL. 6 72/80				
T.T. IN SERVICE 993.65				
DRAINED OIL AND REFILLED WITH TACH. 993.65 INSPECTED & CLEANED OIL SCREEN, WASHED ENGINE. 13 QUARTS OF OIL NEXT OIL CHANGE DUE AT 994.7 HOURS.				
I certify that this aircraft ( ) or engine ( ) has been inspected in accordance with an annual ( ) or hour inspection and was determined to be in airworthy condition. Date 3/1/88				
Total time aircraft 2188.65 Total time engine 993.65 (5 New)				
T.A.A. Approved Repair Station General Aero & Avionics, Inc. Signature: <i>[Signature]</i>				
Removed #6 cylinder for highest PBT Repair. Reinstalled & Run. Replaced fuel system with ac 3+5 cyl. AEC Replaced 10 fuel system. Check in engine - OK				
Total To Carry Forward				

Date	T.T. IN SERVICE	Signature	Certificate No.
DATE 4/1/89	1040.4 (5 New)		
COMPRESSION CHECK: CYL. 1 71/80			
CYL. 2 74/80			
CYL. 3 72/80			
CYL. 4 76/80			
CYL. 5 75/80			
CYL. 6 75/80			
I certify that this aircraft ( ) or engine ( ) has been inspected in accordance with an annual ( ) or hour inspection and was determined to be in airworthy condition. Date 4/1/89			
Total time aircraft 2235.4 Total time engine 1040.4 (5 New) Both 60266 TACH. 246.5 Altair Aircraft Service, Inc. Cert. # ATR-1224599 IA Signature: <i>[Signature]</i>			
Reproduction Reformed <i>[Signature]</i> H.S. Form M-405 (89) A. Service - New Line <i>[Signature]</i> V-Fuel - Replaced & spark plugs			
DATE 4/1/89 TACH. 1040.4 5 New DRAINED OIL AND REFILLED WITH 12 QUARTS OF OIL INSPECTED & CLEANED OIL SCREEN, WASHED ENGINE NEXT OIL CHANGE DUE AT 1052.4 HOURS			

Maintenance

8-105  
 3-105 (New)  
 1-7  
 09524536  
 for exhaust Port  
 1st Run. Replaced  
 3rd 5th 1st 2nd Replaced  
 Stack in Engine - Run

and Remarks	Signature	Certificate No.
I certify that this aircraft ( ) or engine ( ) has been inspected in accordance with an annual ( ) or 100 hour inspection and was determined to be in airworthy condition.	<i>Inspector Paulwood Perry</i> AS Form M-405 Hsq Guide - Paulwood Perry	
Logo	4/1/89	
Total time aircraft	2235.4	
Total time engine	1040.4 (5 New)	
100H 60266 TACH. 2465 Airframe Aircraft Service, Inc.		
Cert. # <u>DPFR-1374899 IA</u>		
Signature <u>W.A. Brown</u>		
DATE <u>4/1/89</u> T.T. IN SERVICE <u>1040.4 (5 New)</u>	DATE <u>4/1/89</u>	TACH. <u>1040.4</u> QUARTS OF <u>5 New</u>
COMMISSION CHECK: CYL 1 <u>7/80</u> CYL 3 <u>72/80</u> CYL 5 <u>75/80</u> CYL 2 <u>74/80</u> CYL 4 <u>76/80</u> CYL 6 <u>75/80</u>	DRAINED OIL AND REFILLED WITH INSPECTED & CLEANED OIL SCREEN WASHED ENGINE NEXT OIL CHANGE DUE AT <u>1099.4</u> HOURS	QUARTS OF <u>15/50</u>



Recorder  
Reading

Maintenance

15324

Inspected 6 new  
using ~~old~~ new pit  
rocky arm shafts,  
with overhaul the  
checked oil seals  
Checked minor dis

and Remarks

Signature

Certificate No.

hauled Cementone up  
one, ~~5~~ new piston pins, 6 new  
and new gaskets/seals. Reamed  
Mineral 80 & new filters,  
and lines. (Taps in lines)  
engines on E.O. # 0331.  
for Marine A/c Maint. & Spwr. Div.  
Old 7, Marine Dept.  
Farmingdale, N.Y. 07727.


*[Signature]*

1532201



ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
5/17/90	Brought Forward →	1073.4		
	AIRCRAFT #.	2208.4		
	This engine has been inspected. It has a 100% inspection & was determined to be in an airworthy condition. Performed compressor check as follows: #1) 75/80 #2) 75/80 #3) 72/80 #4) 75/80 #5) 73/80 #6) 75/80. Check mag timing & found within manufacturer's specs. Clean & inspect spark plugs, reinstall with new spark plug gaskets.			
Total To Carry Forward				continued

and Remarks	Signature	Certificate No
Continuation Clean & inspect suction screen & replace filter Reoverued with Desobell 15w50 oil. All work was performed in accordance with the manufacturer's recommendations current FAR'd & good airmanting practices.		
	John H Ford	
	AP # 2108447 IA	
	APC Aviation Service Center	
	Clarke Airport	
	Fremingdale, NY 07222	

Maintenance

inspected Ithaca a  
determined to be in  
performed compressor  
#1) 75/80 #3) 72/80  
15/80. Check mag  
this manufacturer's  
spark plugs, install  
mag gaskets,  
continued


and Remarks

Continuation

Signature

Certificate No.

Plan + inspect auction cover & replace filter.  
Revised with Oesobell 150/50 oil. All work  
was performed in accordance with the  
manufacturer's recommendations, current  
FAA'd & good aeronautical practices.

  
John H Ford

AP # 2198447 IP

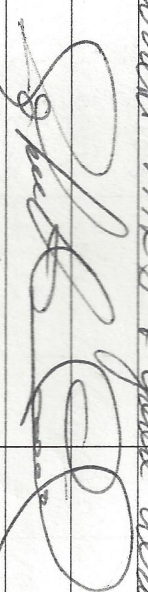
FAAO Aviation Service Center

Quaise Airport

Fremingdale, NY 07727

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance				
	This Date	Since Major						
10/27/90	Brought Forward →	1094.5	TACH: 300.6					
	Performed			Compressor check as follows:				
	TDC:	#1) 78/80 #6) 72/80		#1) 75/80	#3) 70/80	#4) 75/80	#5) 70/80	
	Piston	Mid-Range: #1) 67/80 #4) 78/80		#2) 78/80	#3) 78/80	#6) 72/80		
	This test performed at the request of Vermeulen.							
	Spark plugs were removed to perform							
	Compressor test. Reinstalled spark plugs.							
Total To Carry Forward								

and Remarks	Signature	Certificate No.
<p>Continuation:</p> <p>Requid spark plugs to specified torque and reinstalled leads. Tightened hoses and drain fitting in five cylinders &amp; reinstall lines.</p> <p>Checked engine as needed. All work performed in accordance with the manufacturer's recommendations, current FPE's &amp; good occupational practices.</p>		
<p>John H. Ford</p> <p>Pro Curator Service Center</p> <p>Albion Airport, Farmingdale, N.Y.</p>		AP 2198444 EA

ENGINE LOG

Recorder Reading	Maintenance
THCN: 300.6	Compressor check as follows: #2) 75/80 #3) 70/80 #4) 75/80 #5) 70/80
67/80	#2) 78/80 #3) 78/80
78/80	#3) 79/80 #6) 73/80
performed at the request of the owner.	
were removed to perform test. Reinstalled spark plugs.	
continued.	

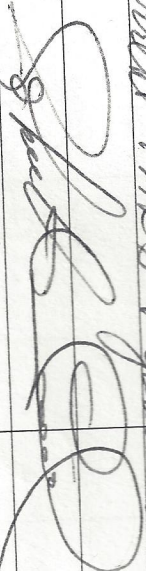
and Remarks

Signature

Certificate No.

Continuation:

Replaced spark plugs to specified torque and reinstalled leads. Tightened hooks back drain fitting in fire splines & reinstalled lines. Checked engine as needed. All work performed in accordance with the manufacturer's recommendations, current FPE's & good occupational practices.



John A. Ford

AP 2198444 EA

Pro Aviation Service Center  
Albany Airport, Farmingdale, N.Y.

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →	1104.0	TRCH 310.1	CHANGE OIL RESOIL 13050
		ALLMAY 2299.0		
6-12-91	Arrived TR	1305.35		Annual Inspection Performed Cleaned Sparkplugs & Reg with HCl oil filter - Checked Hoses with Aerodur Seal Generator & Electrical System #3 7/8" #2 7/8" #5 7/8" #6 Replaced Exhaust Gaskets with B For Leak. <del>ALL</del> NOW GOOD
Total To Carry Forward				

and Remarks	Signature	Certificate No
on this engine per General Engine Maintenance Manual changed oil with 15W50 Amsoil changed oil filter and old filter for FOD, Now Good. Replaced three Aerodur (red) Hoses tested All hose clamps - checked fuel system - checked checked vacuum system - checked compressor with 7/8" dia 7/8" #1 7/8" Replaced with air filter Bob's Don Motor - with gas hoses. checked engine, carry to checker All Parameters Normal. Engine found to be in Auxiliary Condition TR 12010	TRCH	

ENGINE LOG

Meter	Recorder Reading	Maintenance
99.0	TACH 310.1	CHANGING OIL 150050
05.25		
110.7		

Annual Inspections performed  
 Cleared Spark Plugs & Reg  
 jets at 61 and 61 1/2 - C  
 hoses with Accidents - Scar  
 Generator & Electrical Syst  
 #3 7/80 FC 7/80 HT 7/80  
 Replaced Exhaust Gaskets with  
 For look: ~~At~~ Now from

and Remarks

Signature

Certificate No.

*[Signature]*

This Engine per Logbook Engine Maintenance Manual  
 Change oil with 1500 hours Change oil filter  
 old filter for FOD, Now found - Replaced three Accidents  
 hoses tested All hose clamps - checked Fuel system - Check  
 checked Vacuum system - checked Compression at 7/80 at 2 1/2  
 #3 7/80 Replaced Muffler with Rebuilt Den Muffler  
 with gas vent. checked engine, down & checked  
 All Parameters Normal. Engine found to be in Accidents condition  
 IT 150150

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
10/19/92	Yacht - Brought Forward →	2329.0		Comp. checked. Air CR 76-78/50 PSF W.D. <i>W.D. [Signature]</i> 10/26/1992
Total To Carry Forward				

and Remarks	Signature	Certificate No.
10-19-92 Tach time 2337.95 checked all engine controls, lines, hoses magneto's, & mag timing, checked all fuel line screens, replaced AIT Belt, changed oil Filter Engine run up & log checked NOTED	<i>[Signature]</i>	

I certify that this engine has been inspected in accordance with a 100 HR inspection and was determined to be in an airworthy condition.  
Work Order No. 1149  
Signed *[Signature]*

AERO FLITE OF NORMAN CRS BGTR440X  
1630 Westheimer Dr., Norman, OK 73061  
PHO 405 329-8404

Maintenance

and Remarks

Signature

Certificate No.

Checked: Rev CRC 76-78/80 PSF

W. D. S. [Signature] AP26242004

10-19-92 Tach time 2337.95

Checked all Engine controls, lines, hoses

Magnets, & mag timing, checked All Fuel lines

Screens, replaced Air Belt, changed Oil &

Filter Engine Run up & LROK checked NO DEFECTS

NOTED I certify that this ENGINE has been inspected in accordance with a 100 HR

inspection and was determined to be in an

airworthy condition.

Work Order No. 1499 Signed [Signature]

AERO FLITE of NORMAN CRS BGTR440C

1630 Westheimer Dr., Norman, OK 73069

PHO 405 329-8484



ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
8-22-94	Brought Forward →	TACH 2375.2	TTC 1180.2	T/STOP 134.2
CHANGED OIL & FILTER. SERVICED WITH PHILLIPS XC20050 OIL.				
COMPRESSION # 75 / # 76 / # 78 / # 77 / # 77 / # 76 /				
GAPED, & TESTED PLUGS. CHECKED MAG TIMING TO ENGINE.				
TESTED IGNITION LEADS. REPLACED INDUCTION FILTER.				
CLEANED FUEL SOLENO. REPLACED #2 ROCKET COVER GASKET.				
TIGHTENED ALTERNATOR BELT. REPAIRED BATTERIES AS NEEDED.				
WASHED, RAN UP, LTRK CHECKED.				
<p>I certify that this Aircraft Engine was inspected in accordance with a 100-hour ANNUAL inspection and was found to be in airworthy condition.</p>				
<p>Richard A. Witten</p>				<p>IA 2077668</p>
Total To Carry Forward				

Date	Engine Time	Recorder Reading	Maintenance	Signature	Certificate No.
9-25-95	TACH 2394.96	TTC 1199.96	T/STOP 153.96		
CHANGED OIL & FILTER. SERVICED WITH PHILLIPS XC20050 OIL.					
COMPRESSION # 78 / # 79 / # 77 / # 77 / # 76 / # 78 /					
CLEANED, GAPED & TESTED PLUGS. CHECKED MAG TIMING TO					
ENGINE, TESTED IGNITION LEADS, PLUS SERVICED THERMOSTAT					
BY PASS VALVE INSPECTION AND OIL. WASHED, RAN UP,					
LTRK CHECKED.					
<p>I certify that this Aircraft Engine was inspected in accordance with a 100-hour ANNUAL inspection and was found to be in airworthy condition.</p>					
<p>Richard A. Witten</p>					<p>IA 2077668</p>

ENGINE LOG

Major	Recorder Reading	Maintenance
	2325.2	TTC 1180.2, TSTOP 134.2
	78/80 #1	CHECKED WITH PHILLIPS XCR0050 OIL.
	77/80 #2	77/80 #3 77/80 #6 76/80.
		CLEANED, CHECKED MFG TIMING TO ENGINE.
		REPLACED INDUCTION FILTER.
		REPLACED #2 ROCKET COVER GASKET.
		REPL. REPAIRED GASKETS AS NEEDED.
		checked.

I certify that this Aircraft Engine was inspected in accordance with a 100-Hour ANNUAL inspection and was found to be in airworthy condition.

Richard A. Wilton

FA 2077668

and Remarks	Signature	Certificate No.
9-25-95 TACH 2394.96, TTC 1199.96, TSTOP 153.96		
CHANGED OIL & FILTER. SERVICED WITH PHILLIPS XCR0050 OIL.		
COMPRESSORS #78/80 #79/80 #77/80 #77/80 #76/80 #78/80		
CLEANED, GAPPED & TESTED PLUGS, CHECKED MFG TIMING TO		
ENGINE, TESTED IGNITION LEADS, PLUS B SIBC THERMOSTATIC		
BYPASS VALVE INSPECTION DONE. HAND WASHED AWAY,		
WTRK CHECKED.		

I certify that this Aircraft Engine was inspected in accordance with a 100-Hour ANNUAL inspection and was found to be in airworthy condition.

Richard A. Wilton

FA 2077668

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
10-22-96	Brought Forward →	TACH 2396.76, TTS 1201.26, TSTOP 155.76		
CHANGED OIL	Y-FILTER	SEBUED	WITH 12QT5 PHILLIPS	
XC 20050 O.K.	COMPRESSION	#1 75/80 #2 79/80 #3 78/80 #4 78/80 #5 78/80 #6 79/80		
CLEARED, GAPPED, & TESTED	PLUGS	CHECKED MAG TIMING TO		
ENGINE, TESTED	IGNITION KEYS	CLEARED FUSE SCREW		
INSPECTED	THERMOSTATS	BYPASS VALVE	DUE 08.12.00.	
WASHED,	RAN UP,	LEAK CHECKED.		
<small>If entry for this aircraft engine was inspected in accordance with a 100 Hour ANNUAL inspection and was found to be in airworthy condition.</small>				
Total To Carry Forward			James P. O'Hall	IN 1942027

Date	Remarks	Signature	Certificate No.
12-12-97	Tach 2398.44 Changed oil and filters serviced with 13qt Phillips X-C oil Checked mag timing to engine		
	Cleared and gapped plugs. Ran compression check.		
	1) 74/80 2) 78/80 3) 78/80 4) 77/80 5) 78/80 6) 78/80		
	Checked run and checked for oil leaks. I suspect that this engine was inspected in accordance with a 100 hour inspection and was found to be in airworthy condition.		
		James P. O'Hall	IN 1942027

Maintenance

1201.26, TSZOP 155-76  
 WITH 12QT5 PHILLIPS  
 TO # 78/80 #4 78/80 #5 78/80 #6 79/80  
 CHECKED MAG TIMING TO  
 CHECKED FUEL SCREW  
 WAS DONE ON 12 MD.

This Aircraft Engine was inspected in accordance with the 100 Hour ANNUAL inspection and was found to be in satisfactory condition.

P. O'Hall

11942027

and Remarks	Signature	Certificate No.
12-12-97 Tech 2398.44 Changed oil and Filter, serviced with 13qt Phillips K-C oil checked mag timing to engine cleaned and gapped plugs. Row compression check. 1) 77/80 2) 78/80 3) 78/80 4) 77/80 5) 78/80 6) 78/80 checked Row and checked for oil leaks. I certify that this engine was inspected in accordance with a 100 hour inspection and was found to be in satisfactory condition.	James P O'Hall	11942027

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
8-25-05	Brought Forward →	76h 2401.06	TSOH 1206.06	Changed oil
				and Filter serviced with 1375 Phillips KC oil. Checked
				supported and tested plugs, checked mag timing to engine
				checked heads replaced induction pie Filter. Checked
				Fuel screens. Lubed contacts. Rod compression check.
				1) 7/80 2) 73/80 3) 75/80 4) 76/80 5) 75/80 6) 73/80 7) 73/80
				and checked for oil leaks. RD 99-05-09 and 35-11057
				Induction pie Filter NA subject Filter Not installed.
				RD 99-03-05 and 35-11019 Propshaft gear NA Model
				RD 00-18-53 Oil Filter NA Model. RD 99-04-09 and
Total To Carry Forward				39-11028 Slick Mags NA Bendix Mags

and Remarks	Signature	Certificate No.
I certify that this Aircraft before you departed to engine with a 100 Hour Annual Inspection and was found to be in airworthy condition.	James P. O'Donnell	201942227
I certify that this Aircraft before you departed to engine with a 100 Hour Annual Inspection and was found to be in airworthy condition.	James P. O'Donnell	201942227
142402 Tach 2402.23 TSOH 1207.23 Changed oil with 1375 Phillips KC oil. Checked prop and tested plugs. Checked mag timing to engine. Replaced induction pie Filter. Rechecked exhaust.		
Replaced also on propshaft showed PN 212-5140		

Maintenance

1206.06 Changed oil  
 Miller's KC oil. Also used  
 kind mag timing to engine  
 low air filter. Also used  
 compression check.  
 6) 73/10 checked and  
 099-05-09 and 35-11057  
 1) Filter not installed,  
 when gear NA Model  
 1. AD 99-04-04 and  
 1) Pugs NA Brand's Pugs

and Remarks

I certify that this Aircraft Engine was inspected to comply with a 100 Hour Annual Inspection and was found to be in operating condition

James P. O'Neil

201542227

Signature

Certificate No.

I certify that this Aircraft Engine was inspected to comply with a 100 Hour Annual Inspection and was found to be in operating condition

Repeller

James P. O'Neil

201542227

Windsor Tech 2402.23 TSOH 1207.23 Changed with filter  
 serviced with 125T Phillips KC oil. Also used speed  
 and tested pugs. Checked mag timing to engine. Replaced  
 induction air filter. Passures checked exhaust.  
 Replaced a/c in master showed AD 212-314-0

ENGINE LOG

Date	Engine Time		Recorder Reading	Maintenance
	This Date	Since Major		
	Brought Forward →			
<i>Hubbard</i>				<i>contacts. Washed Rod and checked</i>
<i>Boe</i>	<i>Oil leaks</i>	<i>NO 02-12-07</i>		<i>oil Filter Blots NAB by date</i>
<i>NO 02-23-06</i>				<i>Crankshaft 6500 Bolt NR by date.</i>
<p>I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A <i>Propeller</i> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p><i>Bob O'Hall</i>  <i>EN1422037</i></p>				
Total To Carry Forward				

Red Cloud Aviation LLC  
 12021 N Hwy 99  
 Seminole, OK 74868  
 405-382-2180

Reg # N7576P  
 Date: 08/14/2016  
 O-540-A1D5  
 Serial # L-1498440

TAF: 2408.31  
 Tach time: 2408.31  
 Total Time: 1213.31  
 TSMOH: 1213.31

Complied with 100 Hour Inspection IAW Lycoming and Piper inspection checklist. Drained oil and serviced with 10 quarts of Aeroshell W100 oil. Removed and Replaced Oil Filter with P/N CH48103-2. Cut open removed filter, no metal noted. Removed and replaced propeller governor assembly P/N A210186, S/N 527091. Removed and replaced Vacuum Pump P/N 215CC S/N 159624. Cylinder compression checks were as follows: Cyl 1 74/80, Cyl 2 78/80, Cyl 3 74/80, Cyl 4 76/80, Cyl 5 77/80, Cyl 6 74/80. Cleaned, Gapped, Tested, and rotated spark plugs upon reinstallation. Engine ground run, no leaks found. New and recurring AD's checked and complied with if applicable. list attached in back of airframe log book. All work done in accordance with current Lycoming Maintenance Manual, and FAR 43 Appendix D. This engine has completed an 100 Hour Inspection and has been determined to be in airworthy condition and is approved for return to service.

*Scott D. Lee*  
 A/P 3720276

ite No.

Maintenance

Oil and fuel checked

Oil Filter Replaced

Both NA by date

ENGINE HAS  
DANCE WITH A

RECTION AND  
IN AIRWORTHY

027

Red Cloud Aviation LLC  
12021 N Hwy 99  
Seminole, OK 74868  
405-382-2180

Reg # N7576P  
Date: 08/14/2016  
O-540-A1D5  
Serial # L-1498440

TTAF: 2408.31  
Tach time: 2408.31  
Total Time: 1213.31  
TSMOH: 1213.31

Complied with 100 Hour Inspection IAW Lycoming and Piper inspection checklist. Drained oil and serviced with 10 quarts of Aeroshell W100 oil. Removed and Replaced Oil Filter with P/N CH48103-2. Cut open removed filter, no metal noted. Removed and replaced propeller governor assembly P/N A210186, S/N 527091. Removed and replaced Vacuum Pump P/N 215CC S/N 169624. Cylinder compression checks were as follows: Cyl 1 74/80, Cyl 2 78/80, Cyl 3 74/80, Cyl 4 76/80, Cyl 5 77/80, Cyl 6 74/80. Cleaned, Gapped, Tested, and rotated spark plugs upon reinstallation. Engine ground run, no leaks found. New and recurring AD's checked and complied with if applicable, list attached in back of airframe log book. All work done in accordance with current Lycoming Maintenance Manual, and FAR 43 Appendix D. This engine has completed an 100 Hour Inspection and has been determined to be in airworthy condition and is approved for return to service.

*Scott D. Lee*  
Scott D. Lee  
A/P 3728276

ite No.



**ENGINE LOG**

**Red Cloud Aviation LLC**  
 12021 N Hwy 99  
 Seminole, OK 74868  
 405-382-2180

Reg # N7576P  
 Date: 09/26/2017  
 O-540-A1D5  
 Serial # L-14984-40

TTAF: 2445.68  
 Tach time: 2445.68  
 Total Time : 1250.68  
 TSMOH: 1250.68

Complied with 100 Hour Inspection IAW Lycoming and Piper inspection checklist. Drained oil and serviced with 10 quarts of Aeroshell W100 oil. Removed and Replaced Oil Filter with P/N CH48103-2. Cut open removed filter, no metal noted. Cylinder compression checks were as follows: Cyl 1 73/80, Cyl 2 77/80, Cyl 3 75/80, Cyl 4 74/80, Cyl 5 75/80, Cyl 6 72/80. Cleaned, Gapped, Tested, and rotated spark plugs upon reinstallation. Engine ground run, no leaks found. New and recurring AD's checked and complied with if applicable. list attached in back of airframe log book. All work done in accordance with current Lycoming Maintenance Manual, and FAR 43 Appendix D. This engine has completed an 100 Hour Inspection and has been determined to be in airworthy condition and is approved for return to service.

  
 Scott D. Lee  
 A/P 3728276

Total  
 Carry Forward

and Remarks

Signature

Certificate No.

Part Name Hartzell Propeller Assembly

Model No. HC 83XK-10 Ser. No. 9729

<sup>8433-7</sup>  
The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under

Work Order No. R-44210 Date 10-21-75

Signed [Signature]

SENSENICH CORP., Lancaster, Pa. 17604 — Cert. No. 3528

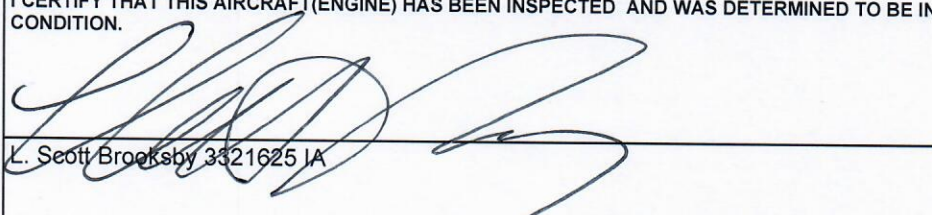
21 March 2020		Engine Log Entry		N7576P	
Hobbs:	0.00	Airframe TT:	2462.54	ELT Battery TT (sec):	58 sec
Tach:	2462.54	Engine TT:	1267.54	Engine TSMOH:	1267.54
		Prop TT:	2319.54	Prop TSMOH:	2319.54
Altimeter Due: (FAR 91.411)		Transponder Due: (FAR 91.413)		ELT Battery Due:	Jun 26

Compressions #1-70/80, #2-73/80, #3-78/80, #4-71/80, #5-76/80, #6-75/80.

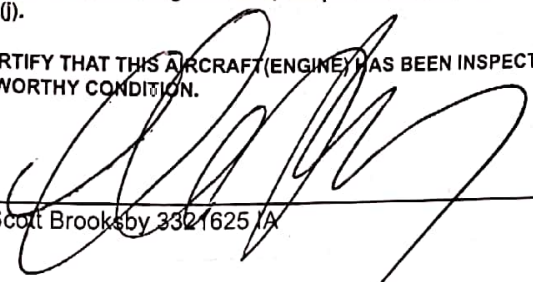
**AD 96-09-10 Iron and aluminum impeller replacement in oil pump due at 2000 SMOH**

**AD 2004-10-14 Crank gear install, compliance due at Prop Strike or Sudden Stoppage as defined in Par (e), (i), and (j).**

I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.



L. Scott Brooksby 3321625 JA

29 May 2021		Engine Log Entry		N7576P	
Hobbs:	52.00	Airframe TT:	2513.55	ELT Battery TT (sec):	58 sec
Tach:	2513.55	Engine TT:	1318.55	Engine TSMOH:	1318.55
		Prop TT:	2370.55	Prop TSMOH:	0.00
Altitude Due: (FAR 91.411)	8/31/2023 0:00:00	Transponder Due: (FAR 91.413)	8/31/2022 0:00:00	ELT Battery Due:	Jun 22
<p>Compressions #1-70/80, #2-73/80, #3-78/80, #4-71/80, #5-76/80, #6-75/80.</p> <p>AD 96-09-10 Iron and aluminum impeller replacement in oil pump due at 2000 SMOH</p> <p>AD 2004-10-14 Crank gear install, compliance due at Prop Strike or Sudden Stoppage as defined in Par (e), (i), and (j).</p> <p>I CERTIFY THAT THIS AIRCRAFT (ENGINE) HAS BEEN INSPECTED AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> 					
L. Scott Brooksby 3321625 JA					

26 June 2021		Engine Log Entry		N7576P	
Hobbs:	54.30	Airframe TT:	2515.10	ELT Battery TT (sec):	58 sec
Tach:	2515.10	Engine TT:	1320.10	Engine TSMOH:	1320.10
		Prop TT:	2372.10	Prop TSMOH:	1.55
Altimeter Due: (FAR 91.411)	8/31/2023 0:00:00	Transponder Due: (FAR 91.413)	8/31/2022 0:00:00	ELT Battery Due:	Jun 22

Replaced all fuel lines with new 303 hose which were rebuilt by Classic year aircraft.

AD 96-09-10 Iron and aluminum impeller replacement complied with by replacing the gears with w-18108 and drive labeled N and new 74641 shaft iac with SB 524

Replaced fuel pump with new part 15472.

I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

L. Scott Brooksby 3321625 IA



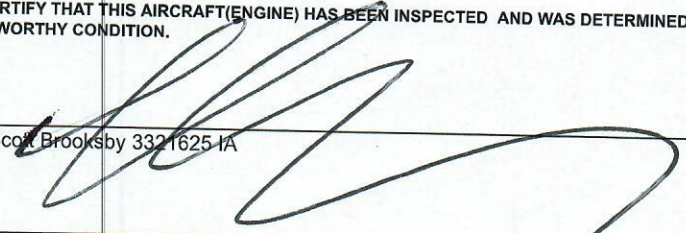
23 August 2022		Engine Log Entry		N7576P	
Hobbs	58.40	Airframe TT	2516.45	ELT Battery TT (sec):	58 sec
Tach	2516.45	Engine TT:	1321.45	Engine TSMOH:	1321.45
		Prop TT:	2373.45	Prop TSMOH:	2.90
Altimeter Due: (FAR 91.411)	8/31/2023 0:00:00	Transponder Due: (FAR 91.413)	8/31/2022 0:00:00	ELT Battery Due:	Oct 24

Overhauled Lycoming O-540 A1D5 by reference to Lycoming Overhaul manual. Replaced bearings SL11020 with standard size, Counter Weight bearing pins and plates, SL71903A-A bushings, SL-STD-2209 screws, SL13521A standard rod bearings, SL69603 hoses, SL13790A rocker shafts, SL75089A pistons, SL5401-SC rings, SL13444-1 piston pins, SL12186 rod nuts, SL19001A exhaust valves, SL12892 thrust butn, SL75061 rod bolts, LW-19340 cam shaft, 15B26588 body hydraulic spherical tappets, ceramichromed cylinders with new valve seats. All gears, crank, connecting rods and counterweights were magnafluxed by Nevada Engine. Magnetos overhauled by Aircraft Magneto Service.

AD 2004-10-14 Crank gear install, compliance due at Prop Strike or Sudden Stoppage as defined in Par (e), (i), and (j).

I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

  
 L. Scott Brooksby 33216251A

27 May 2023		Engine Log Entry		N7576P	
Hobbs:	63.90	Airframe TT:	2521.07	ELT Battery TT (sec):	58 sec
Tach:	2521.07	Engine TT:	1326.07	Engine TSMOH:	7.52
		Prop TT:	2378.07	Prop TSMOH:	7.52
Altimeter Due: (FAR 91.411)	10/31/2024 0:00:00	Transponder Due: (FAR 91.413)	10/31/2024 0:00:00	ELT Battery Due:	Aug 24
<p>Engine compressions 1-78 2-76 3-75 4-78 5-75 6-77 . Boroscoped cylinders. Checked magnete timing.</p> <p><b>AD 2004-10-14 Crank gear install, compliance due at Prop Strike or Sudden Stoppage as defined in Par (e), (i), and (j).</b></p> <p>I CERTIFY THAT THIS AIRCRAFT(ENGINE) HAS BEEN INSPECTED AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p></p> <p>L. Scott Brooksby 3321625 IA</p>					