



AIRCRAFT LOG

For N 919S

Dates From 2/13/02 To _____

AIRCRAFT DATA

MAKE SHEPARD MODEL RV-8 SER. NO. 81076

MFG. DATE 2001 DATE PUT IN SERVICE 2/13/02 I.D. # N919S

SPAN 28'-0" LENGTH 20'-4 1/2" HEIGHT 5'-7"

GROSS WT. 1800[#] EMPTY WT. 1059[#] WING LOADING 16.4 (110 SQFT)
Lbs./sq. ft.

FUEL CAP. 42 GAL. FUEL CONSUMPTION _____ G.P.H.

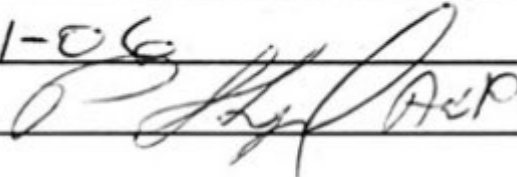
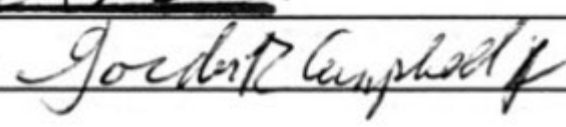
* LOAD FACTORS + 6 Gs - 3 Gs VNE 230 MPH

STALL SOLO - 51 MPH 8000' 75% 202 MPH SOLO - 2700 FPM.
GROSS - 58 MPH CRUISE 55% 189 MPH BEST CLIMB GROSS 1900 FPM.

* AT AEROBATIC GROSS WEIGHT OF 1550 LBS.

DATE 19__	TIME IN SERVICE	RECORD OF MAJOR REPAIRS, ALTERATIONS, ADDITIONS AND REMOVALS OR EXCHANGES. LIST MAKE, MODEL & SERIAL NO.S
1. 10/99	—	CONSTRUCT EMPENNAGE AND BEGAN
		WING COMPLETION.
2. 11/99		CALIBRATE & INSTALL FUEL SENDERS - COMPLETE
		WING CONSTRUCTION INC. TIPS & STROBES
3. 4/00		COMPLETE FUSELAGE STRUCTURE & BEGAN FINISH KET.
4. 9/00		PAINT INTERIOR
5. 10/00		COMPLETE CANOPY & BEGAN WHEELING.
6. 1/01		INSTALL ENGINE & ACCESSORIES
7. 6/01		INSTALL PROPELLER & GOVERNOR & CONTROLS

DATE 19____	TIME IN SERVICE	RECORD OF MAJOR REPAIRS, ALTERATIONS, ADDITIONS AND REMOVALS OR EXCHANGES. LIST MAKE, MODEL & SERIAL NO.S
8. 11/01		ALL COMPONENTS MOVED TO DUNSMUIR - MOTT AIRPORT FOR ASSEMBLY.
9. 12/16/01		PRELIMINARY WEIGHT & BALANCE PERFORMED WITH AIRCRAFT ASSEMBLED & EMPTY.
10 11/5/02		FINAL WEIGHT & BALANCE PERFORMED AND DOCUMENTED.
11/5/02		I CERTIFY THAT THIS AIRCRAFT HAS BEEN CONSTRUCTED IN ACCORDANCE WITH ACCEPTABLE WORKMANSHIP METHODS, TECHNIQUES, AND PRACTICES PER VAN'S RV-8 CONSTRUCTION MANUAL.
		P. J. H. ACP 567808424

DATE 19 _____	TIME IN SERVICE	RECORD OF MAJOR REPAIRS, ALTERATIONS, ADDITIONS AND REMOVALS OR EXCHANGES. LIST MAKE, MODEL & SERIAL NO.S
1/30/2000	0000	UPON COMPLETION OF ASSEMBLY AND TAXI TEST, I HAVE INSPECTED THIS AIRCRAFT AND FIND IT TO BE IN A CONDITION FOR SAFE FLIGHT. ALL A.D.'s RESEARCHED THRU 2002-01-06  ACP 567808424
		SEE A.D. NOTE LAST - BACK OF THIS BOOK
		I FIND THAT THIS AIRCRAFT MEETS THE REQUIREMENTS FOR THE CERTIFICATE REQUESTED AND HAVE ISSUED A <u>EXPERIMENTAL</u> (AMATEUR-BUILT) AIRWORTHINESS CERTIFICATE DATED <u>02-13-2002</u> GORDON R. CAMPBELL, JR. ASI WP-25 

[illegible]

[illegible]

DATE 19__	TIME IN SERVICE	RECORD OF MAJOR REPAIRS, ALTERATIONS, ADDITIONS AND REMOVALS OR EXCHANGES. LIST MAKE, MODEL & SERIAL NO.S
5-5-03	34.4	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D OF PART 43 AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION. P. Shyn AEP 567808424
2-20-04	56.4	I CERTIFY THAT THIS AIRCRAFT HAS BEEN INSPECTED IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX 'D' OF PART 43 AND FOUND TO BE IN A CONDITION FOR SAFE OPERATION. P. Shyn AEP 567808424

DATE 19__	TIMES FOR TODAY			FUEL / OIL BOARDED	Description of day to day maintenance and service. List part No.s, sizes, etc.
	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT		
2/14/05	71.3	71.3	Replaced main tires and tubes Repaired left wing row light Serviced wheel bearings. Cleaned, checked and greased. CT		R. Price 2731888 A/P
6/15/06	79.5	79.5			
					TOTALS THIS PAGE
					AMT. FORWARD
					TO DATE TOTAL

DATE 19_____	TIMES FOR TODAY			FUEL / OIL BOARDED	Description of day to day maintenance and service. List part No.s, sizes, etc.
	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT		
3/18/08	90.1	90.1	I certify this Aircraft has been inspected in accordance with the scope and detail of Appendix D Part 43 (Annual Condition Inspection) and was determined to be in Air- worthy Condition Robert Jones 27318884 Civ 91.207(d)		


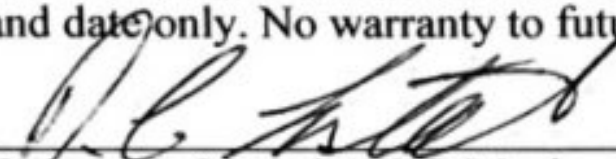

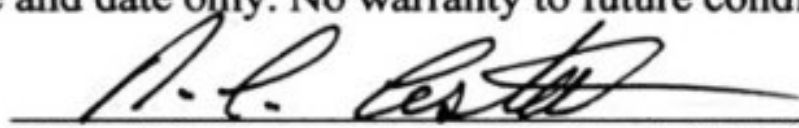
06-14-2009 RV 8 N919S

Current Tach/Hobbs: 97.5

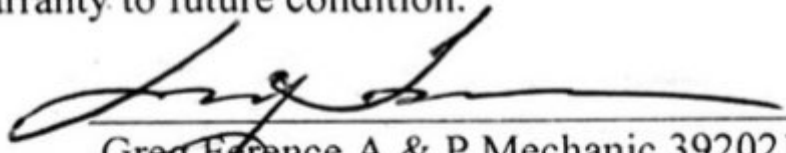

Complied with FAR 91.207 per paragraph d., items 1., 2., 3., and 4. Battery next due 03/2011. ELT switched to arm position. I certify that this aircraft has been inspected in accordance with the scope and detail of Appendix D Part 43 (annual condition inspection) and was determined to be in condition for safe flight at this time and date only. No warranty to future condition.


Robert C. Casteel A & P Mechanic 3321599 IA

[illegible]

DATE 19 _____	TIMES FOR TODAY			FUEL / OIL BOARDED	Description of day to day maintenance and service. List part No.s, sizes, etc.
	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT		
	09/010/2011 RV  N919S Current Tach/Hobbs: 103.7 Complied with FAR 91.207 per paragraph d., items 1., 2., 3., and 4. Battery next due 10/2014. ELT switched to arm position. I certify that this aircraft has been inspected in accordance with the scope and detail of Appendix D Part 43 (annual condition inspection) and was determined to be in condition for safe flight at this time and date only. No warranty to future condition. <div style="text-align: center;">  Robert C. Casteel A & P Mechanic 3321599 IA </div>				
	10/29/2014 RV  N919S Current Tach/Hobbs: 104.8 Complied with FAR 91.207 per paragraph d., items 1., 2., 3., and 4. Battery next due 10/2015. ELT switched to arm position. I certify that this aircraft has been inspected in accordance with the scope and detail of Appendix D Part 43 (annual condition inspection) and was determined to be in condition for safe flight at this time and date only. No warranty to future condition. <div style="text-align: center;">  Robert C. Casteel A & P Mechanic 3321599 IA </div>				

[illegible]

DATE 19__	TIMES FOR TODAY			FUEL / OIL BOARDED	Description of day to day maintenance and service. List part No.s, sizes, etc.
	TOTAL ENGINE	TOTAL AIRCRAFT	ENG. OFF FLIGHT		
01/22/2019	RV 8	N919S			
Current Tach/Hobbs: 114.1					
Complied with FAR 91.207 per paragraph d., items 1., 2., 3., and 4. Battery next due 10/2020. ELT switched to arm position. Checked aircraft controls for security and function.					
I certify that this aircraft has been inspected in accordance with the scope and detail of Appendix D Part 43 (annual condition inspection) and was determined to be in condition for safe flight at this time and date only. No warranty to future condition.					
 Greg Ference A & P Mechanic 3920219					
<div> <div>9/22/23 RV8 N919S 4181076</div> <div> Transponder tested per FAR 91.413, complies with Part 43 / Appendix F. Airborne Electronics Repair Station ND3R706L  </div> </div>					
				PAGE	
				ID	
				TO DATE TOTAL	

DATE 19__	TIME IN SERVICE	RECORD OF MAJOR REPAIRS, ALTERATIONS, ADDITIONS AND REMOVALS OR EXCHANGES. LIST MAKE, MODEL & SERIAL NO.S
		N919S SN 81076 11/4/23 Hobbs 115.9 TT 115.9
		Greased wheel bearings, lubricated controls. Serviced air filter. Complied with SB 16-03-28, SB14-02-05, SB 14-01-31, SB00036 by inspection; no cracks found. CW SB 7-4-12 by safety wire rod end. Installed new main tires and tubes, 6.00-6. Shortened control sticks for clearance. Installed 2" experimental placard. Marked fuel tanks for quantity and type. Tightened forward fuel tank bolts I.A.W. Vans instructions and safetied. Installed aileron stops to limit control surface angle as specified in Vans instructions. CW AD 2017-16-01, eff 10/24/17 by inspection, testing. ELT inspected and tested I.A.W. 14CFR 91.207, satisfactory, new battery next due 11/28. Repaired right nav light. I Certify that this aircraft has been inspected on 11/4/23 I.A.W. the scope and detail of 14CFR Part 43 Appendix D and found to be in a condition for safe operation. Lee Ulrich IA 3225146
		<i>Lee Ulrich</i>
11/4/23	115.9 TT	REPLACED BATTERY, PC 650. LEE ULRICH IA ADP 3225146 <i>Lee Ulrich</i>



Transport
Canada
Aviation

Transports
Canada
Aviation

TP3910E

AIRCRAFT TECHNICAL LOGS

Section 3. ENGINE

Second Edition

January 1987

Canada

ENGINE LOG

1. Make Lycoming
2. Model IO-360-B1B
3. Specification Experimental Aircraft
4. Manufacturer's Serial Number 0298
5. Date of Manufacture _____
6. Aircraft Inspection Cycle _____

THIS ENGINE WAS INSPECTED BY THE
FAA AT THE FOLLOWING LOCATION
ON THE FOLLOWING DATE
AND THE RESULTS WERE AS FOLLOWS
THAT IT IS IN COMPLIANCE WITH
THE REQUIREMENTS OF THE
FEDERAL AVIATION REGULATIONS
AND IS APPROVED FOR
OPERATION.

7-10-8

10-10-8

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					
Nov 03/00			00	00	ENGINE OVERHAULED FOR EXPERIMENTAL AIRCRAFT
JAN 2001			00	00	ENGINE INSTALLED IN RV-8 SER.# 81076 N919S.
June 2001			00	00	INSTALLED McCABE GOVERNOR PART# D-10893-27 MO. DC290D1-X/T27 SER# 010046
1-30-02					I HAVE INSPECTED THIS ENGINE AND FIND IT IN A CONDITION FOR SAFE FLIGHT. AEP 567808424
5-5-03			34.4		I HAVE INSPECTED THIS ENGINE IN ACCORDANCE WITH THE SCOPE AND DETAIL OF AN ANNUAL INSPECTION AND FIND IT TO BE IN A CONDITION FOR SAFE FLIGHT. A/D THRU 2003-05-02 AEP 56788424
9-1-03			148.5		OIL CHANGED & SCREEN CLEANED - AIR FILTER SERVICED 8 QTS CHEVRON 20-50 / K&N AIR FILTER REVEN KET USED
2-20-04			56.4		I HAVE INSPECTED THIS ENGINE IN ACCORDANCE WITH THE SCOPE AND DETAIL OF AN ANNUAL INSPECTION AND FIND IT TO BE IN A CONDITION FOR SAFE FLIGHT. AEP 567808424
					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

2/14/05 Camp Check #170 #275 #370 #471
Tach 77.5 80 80 80

Changed oil Cleaned + inspected screen.

Seized w Phillips 20-50. B975

Cleaned and gapped spark plugs.

Checked Mag timing.

R. Lewis 2731888 AP

AD 2004-10-14 N/A by Model

I certify I have inspected this engine in accordance with the

Annual inspection in Part 43 Appendix D.

And found it to be in Airworthy Condition. R. Lewis 2731888 TA

6/15/06 Camp Check OK. oil over 705
Tach 79.5 Checked engine mag timing

R. Lewis 2731888 AP

6/15/06 79.5 hrs I certify this engine has been inspected TAU and Annual inspection and was determined to be in Airworthy Condition. R. Lewis 2731888 TA

03-18-2007 RV 8 N919S

Current Tach/Hobbs: 84.0 Engine TT: 84.0

Compression test as follows: 1. 75/80, 2. 78/80, 3. 75/80, 4. 75/80. I certify that this engine has been inspected in accordance with the scope and detail of Appendix D Part 43 (annual condition inspection) and was determined to be in condition for safe flight.


Robert C. Casteel A & P Mechanic 526945701 IA

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 →					
6/18/09	90.1		77	90.1	<p>Compressor #1 75 #2 74 #3 75</p> <p>#4 74 I certify this engine has been inspected in accordance with the scope and detail of appendix D part 43 (annual condition inspection) and was determined to be in airworthy condition.</p> <p>Range 273888 24</p>

06-14-2009 RV 8 N919S

Current Tach/Hobbs: 97.5 Engine TT: 97.5

I certify that this engine has been inspected in accordance with the scope and detail of Appendix D Part 43 (annual condition inspection) and was determined to be in condition for safe flight.

R.C. Casteel
Robert C. Casteel A & P Mechanic 3321599 IA

6/16/09			97.5	<p>Change oil, Amos shell 15-50</p> <p>145psi screen</p>
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8/5/10

08/05/2010 RV 8 N919S

Current Tach/Hobbs: 100.3 Engine TT: 100.3

Made visual inspection of engine compartment and outward components. Cold compression check as follows: 1. 78/80, 2. 78/80, 3. 78/80, 4. 78/80 I certify that this engine has been inspected in accordance with the scope and detail of Appendix D Part 43 (annual condition inspection) and was determined to be in condition for safe flight.

R.C. Casteel
Robert C. Casteel A & P Mechanic 3321599 IA

09/01/2011 RV 8 N919S

Current Tach/Hobbs: 103.7 Engine TT: 103.7

Made visual inspection of engine compartment and outward components. Cold compression check as follows: 1. 78/80, 2. 78/80, 3. 78/80, 4. 78/80 I certify that this engine has been inspected in accordance with the scope and detail of Appendix D Part 43 (annual condition inspection) and was determined to be in condition for safe flight.

R.C. Casteel
Robert C. Casteel A & P Mechanic 3321599 IA

TOTAL 1

TOTAL PREVIOUS SUMMARY	
TOTAL SINCE MFG.	

MAINTENANCE RECORD

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

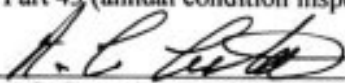
SIGNATURE

LICENCE
NUMBER

10/29/2014 RV N919S

Current Tach/Hobbs: 104.8 Engine TT: 104.8

Made visual inspection of engine compartment and outward components. Cold compression check as follows: 1. 78/80, 2. 78/80, 3. 78/80, 4. 78/80 I certify that this engine has been inspected in accordance with the scope and detail of Appendix D Part 43 (annual condition inspection) and was determined to be in condition for safe flight.


Robert C. Casteel A & P Mechanic 3321599 IA

09/01/2016 RV N919S

Current Tach/Hobbs: 120.5 Engine TT: 120.5

Made visual inspection of engine compartment and outward components. Cold compression check as follows: 1. 78/80, 2. 78/80, 3. 78/80, 4. 78/80 I certify that this engine has been inspected in accordance with the scope and detail of Appendix D Part 43 (annual condition inspection) and was determined to be in condition for safe flight.

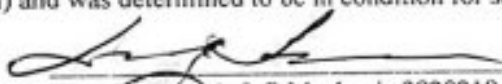

Jeroen Bakker A & P Mechanic # 2539593 IA

120

01/22/2019 RV N919S

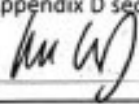
Current Tach/Hobbs: 114.1 Engine TT: 114.1

Made visual inspection of engine compartment and outward components. Cold compression check as follows: 1. 78/80, 2. 78/80, 3. 78/80, 4. 78/80. Checked engine controls for security and function. I certify that this engine has been inspected in accordance with the scope and detail of Appendix D Part 43 (annual condition inspection) and was determined to be in condition for safe flight.


Greg Ference A & P Mechanic 3920219

N919S Lycoming IO-360-B1B SN 0289 11/4/23 Hobbs 115.9 TSMOH 115.9 TT ukn

Changed oil, 7qts Aeroshell W100 plus and filter, 48108-2. Cut and inspected filter, satisfactory. Compression #1 78/80, #2 78/80, #3 77/80, #4 75/80. Installed prop governor hose clamps I.A.W. Lycoming Service Instruction 1435. I certify that this engine has been inspected on 11/4/23 I.A.W. the scope and detail of 14CFR Part 43 Appendix D section (d) and found to be in a condition for safe operation. Lee Ulrich IA 3225146



MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC-C24K-1BF

PROPELLER S/N HuB A 54156B
Cyl. GK5095

LOGBOOK # 1

PROPELLER MAINTENANCE RECORD

HUB P.N. D-6529-1 SER. HUB A54156B
CYLINDER B2428-1 CYL. SER. 6K5095
Position _____

PITCH RANGE

Propeller Model HC C24K 1BF

High/Feather 37.5½ - 37.7

Propeller S/N CH34954B

Start Lock _____

Blade Design _____

Low 12.0 - 12.2

Blade S/N's PN F7666A-4

Reverse _____

No. 1 J58536

Aircraft Manufacturer SHEPARD

No. 2 J58541

Aircraft Model RV-8

No. 3 _____

S/N 81076

No. 4 _____

Registration N919S

No. 5 _____

No. 6 _____

Spinner Assembly Part No. _____

Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
6/2001	00	00	00	PROPELLER INSTALLED ON RV-8 SER. # 81076 N919S
1/30/02				AD 2001-07-03 N/A BY MFG DATE AD 2001-23-08 N/A BY HUB SER #.
				I HAVE INSPECTED THIS PROPELLER AND FIND IT IN A CONDITION FOR SAFE FLIGHT.
				P. H. [Signature] A# 56780424

5/5/03	34.4	34.4		I HAVE INSPECTED THIS PROPELLER IN ACCORDANCE WITH ANNUAL INSPECTION AND FIND IT IN A CONDITION FOR SAFE FLIGHT.
				P. H. [Signature] A# 56780424
				AD. 2002-09-08 P.C.W.
				AD. 2003-01-03 N/A BY HUB SER #
2/20/04	56.4			I HAVE INSPECTED THIS PROPELLER IN ACCORDANCE WITH AN ANNUAL INSPECTION AND FIND IT IN A CONDITION FOR SAFE FLIGHT.
				P. H. [Signature] A# 56780424


Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
2/14/15	71.3	71.3	I Certify that I have inspected this propeller in accordance with an Annual Inspection and found it to be in Airworthy Condition R. Lewis 2731888 IA
6/18/06	71.5	71.5	I Certify that this A/C Propeller has been inspected in accordance with an Annual inspection and was determined to be in Airworthy Condition R. Lewis 2731888 IA

03-18-2007 RV 8 N919S
Current Tach/Hobbs: 84.0 Propeller TT: 84.0
I certify that this propeller has been inspected in accordance with the scope and
detail of Appendix D Part 43 (annual condition inspection) and was determined to
be in condition for safe flight.

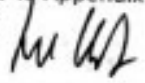

Robert C. Casteel A & P Mechanic 526945701 IA

3/18/08	90.1		Prop TT 90.1 I certify this propeller has been inspected in accordance with the scope and detail of Appendix D Part 43 (Annual Condition inspection) and was determined to be in Air- worthy Condition. R. Lewis 2731888 IA
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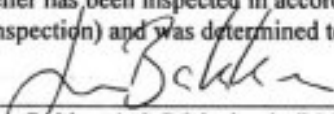
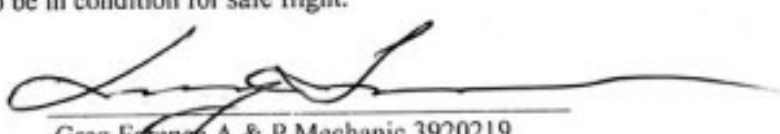
06-14-2009 RV 8 N919S
Current Tach/Hobbs: 97.5 Propeller TT: 97.5
I certify that this propeller has been inspected in accordance with the scope and
detail of Appendix D Part 43 (annual condition inspection) and was determined to
be in condition for safe flight.


Robert C. Casteel A & P Mechanic 3321599 IA

N919S Hartzel HC-C2YK 11/4/23 Tach 115.9 TTSN 115.9

Inspected and Lubed prop I.A.W. Hartzell manual 115N. I certify that this engine has been inspected
on 11/4/23 I.A.W. the scope and detail of 14CFR Part 43 Appendix D section (h1) and found to be in a
condition for safe operation. Lee Ulrich IA 3225146 

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
08/05/2010	RV 6 N919S		<p>Current Tach/Hobbs: 100.3 Propeller TT: 100.3</p> <p>I certify that this propeller has been inspected in accordance with the scope and detail of Appendix D Part 43 (annual condition inspection) and was determined to be in condition for safe flight.</p> <p></p> <p>Robert C. Casteel A & P Mechanic 3321599 IA</p>
09/01/2011	RV 6 N919S		<p>Current Tach/Hobbs: 103.7 Propeller TT: 103.7</p> <p>I certify that this propeller has been inspected in accordance with the scope and detail of Appendix D Part 43 (annual condition inspection) and was determined to be in condition for safe flight.</p> <p></p> <p>Robert C. Casteel A & P Mechanic 3321599 IA</p>
09/01/2011	RV 6 N919S		<p>Current Tach/Hobbs: 103.7 Propeller TT: 104.8</p> <p>I certify that this propeller has been inspected in accordance with the scope and detail of Appendix D Part 43 (annual condition inspection) and was determined to be in condition for safe flight.</p> <p></p> <p>Robert C. Casteel A & P Mechanic 3321599 IA</p>

09/01/2016	RV 6 N919S		<p>Current Tach/Hobbs: 120.5 Propeller TT: 120.5</p> <p>I certify that this propeller has been inspected in accordance with the scope and detail of Appendix D Part 43 (annual condition inspection) and was determined to be in condition for safe flight.</p> <p></p> <p>Jeroen Bakker A & P Mechanic # 2539593 IA</p>
01/22/2019	RV 6 N919S		<p>Current Tach/Hobbs: 114.1 Propeller TT: 114.1</p> <p>Checked propeller controls for security and function. I certify that this propeller has been inspected in accordance with the scope and detail of Appendix D Part 43 (annual condition inspection) and was determined to be in condition for safe flight.</p> <p></p> <p>Greg Fenece A & P Mechanic 3920219</p>