


# PLATINUM ENGINE LOG BOOK

*closed*




**CONTINENTAL MOTORS**




Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
	8	9			
					THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE NUMBER HAS BEEN INSTALLED ON THIS ENGINE SE10589SC
					CDC  on <b>DEC 17, 2007</b> , Cirrus Design Corporation Duluth, MN USA PC# 338CE

**Date 1/2/2008**  
**W/O# 8565**



**Engine Logbook Entry**  
**CRS AWKR298C**  
Watts Woodland Airport, Woodland, CA 95695

**AIRCRAFT: N 868SR**  
**S/N 2860**  



**Tach Time** 26.3

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT. NO DISCREPANCIES NOTED. OIL SAMPLE TAKEN AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS AEROSHELL 15W50. RUN UP AND LEAK CHECK NORMAL.


**The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Damon Schmidt**

Damon Schmidt

**Date 3/18/2008**  
**W/O# 8589**



**Engine Logbook Entry**  
**CRS AWKR298C**  
Watts Woodland Airport, Woodland, CA 95695


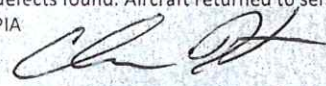
**AIRCRAFT: N 868SR**  
**S/N 2860**  



**Tach Time** 68.0  
**Flight HM** 62.44

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT. NO DISCREPANCIES NOTED. OIL SAMPLE TAKEN AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS AEROSHELL 15W50. RUN UP AND LEAK CHECK NORMAL.

**The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Damon Schmidt**

Damon Schmidt

April 24, 2008 Tach: 96.4 Change oil and filter with 6 qts of Aeroshell 15w-50 and CH48108-1 filter. Test run and leak check no defects found. Aircraft returned to service this date. 592560291 APIA 	N8685R June 10, 2008 Tach. 155.0 Change oil and filter with 6 qts Aeroshell 15w-50 and CH48108-1. Test Run: Leak chec no defects found. Aircraft returned to service this date. 592560291 APIA 
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July 16, 2008 Tach: 200.7 N8685R  
 Changed oil and filter with 8 qts of Aeroshell 15w50 and CH48108-1 filter. Oil sample taken. Test ran and leak check no defects found.  
 592560291APIA  




Date 8/28/2008

W/O# 9233



Engine Logbook Entry

CRS AWKR298C

Watts Woodland Airport, Woodland, CA 95695

AIRCRAFT: N 868SR

S/N 2860



Tach Time  
Flight HM

235.6

PERFORMED CIRRUS 50 HOUR SERVICE PER WOODLAND AVIATION SERVICE INSTRUCTION. SERVICED ENGINE WITH 7 QUARTS A/S 15W50 OIL. OPENED FILTER AND INSPECTED - NO DEFECTS NOTED. RECOVERED OIL SAMPLE AND SENT FOR ANALYSIS. CLEANED, INSPECTED, TESTED AND REINSTALLED ALL ENGINE SPARK PLUGS. PERFORMED POST SERVICE ENGINE RUN AND FILTER LEAK CHECK. NO LEAKS NOTED. AD 2007-16-10, DATED 8/23/2007, REPLACEMENT OF TURBOCHARGER WITH S/N AS LISTED IN KELLY AEROSPACE SERVICE BULLETIN 026 REV. B FOUND NA BY S/N, P/N 466304-003, L/H S/N KIL00143, R/H S/N KIL00587 INSTALLED.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Damon Schmidt

Damon Schmidt

Date 12/10/2008

W/O# 9542



Engine Logbook Entry

CRS AWKR298C

Watts Woodland Airport, Woodland, CA 95695

AIRCRAFT: N 868SR

S/N 2860



Tach Time  
Eng TSN  
Eng TSO  
TTAF

291.8

291.8

NEW

291.8

COMPLETED AN 100HR. / ANNUAL INSPECTION AS REQUIRED BY CIRRUS SR22 INSPECTION GUIDE. ALL WORK DONE IN ACCORDANCE WITH APPLICABLE MANUALS. CHANGED OIL AND FILTER, CUT AND INSPECT FILTER, NO METAL FOUND. TOOK OIL SAMPLE AND SENT OUT FOR ANALYSIS. SERVICED WITH 7 QTS. AEROSHELL 15W50 MINERAL OIL. RUN UP, NO LEAKS NOTED. COMPRESSION CHECK: #1- 66/80, #2- 65/80, #3- 72/80, #4- 72/80, #5- 71/80, #6- 66/80. COMPLIED WITH TELEDYNE CONTINENTAL MOTORS MANDATORY SERVICE BULLETIN 95-2, 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE. COMPLIED WITH TELEDYNE CONTINENTAL MOTORS TOPCARE INSPECTION PER SIL 97-2. COMPLIED WITH 300 HOUR FUEL NOZZLE CLEANING AND INSPECTION WITH NO DEFECTS NOTED. INSTALLED NEW P/N ETI-G2-35-1 AIR BOX RETAINER.

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition. Signed: Damon Schmidt

Damon Schmidt

Date 4/1/2009

W/O# 9861



Engine Logbook Entry

CRS AWKR298C

Watts Woodland Airport, Woodland, CA 95695

AIRCRAFT: N 868SR

S/N 2860

Tach Time 341.2

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT. NO DISCREPANCIES NOTED. OIL SAMPLE TAKEN AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS AEROSHELL 15W50. RUN UP AND LEAK CHECK NORMAL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Damon Schmidt

Damon Schmidt

April 9, 2009 Hobbs: 347.2 N868SR

Changed oil and filter with 7 qts of Aeroshell 15w-50 and Ch48108-1 filter. Test run/leak check, no defects found. Aircraft return to service this date.

592560291APIA Chris Hamilton

June 16, 2009 Hobbs: 412.1 N868SR

Changed oil and filter with 7 qts of Aeroshell 15w-50 and Ch48108-1 filter. Replaced crush gasket AN900-10 on crank plug that is just aft of prop governor.

Test run/leak check, no defects found. Aircraft return to service this date. 592560291APIA Chris Hamilton

Date 9/2/2009

W/O# 10221



Engine Logbook Entry

CRS AWKR298C

Watts Woodland Airport, Woodland, CA 95695

AIRCRAFT: N 868SR

S/N 2860

Tach / Hobbs  
FLIGHT

472.1 INSTALLED NEW P/N 642085-1A1 STARTER ADAPTER, LEAK AND FUNCTION CHECKED NORMAL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Damon Schmidt

Damon Schmidt



Date 8/12/2009  
W/O# 10093



**Engine Logbook Entry**  
**CRS AWKR298C**

**AIRCRAFT: N 868SR**  
**S/N 2860**

Watts Woodland Airport, Woodland, CA 95695

Tach Time

457.6

COMPLIED WITH CIRRUS DESIGN 50 HOUR INTERVAL INSPECTION IN ACCORDANCE CIRRUS DESIGN SCHEDULED MAINTENANCE INTERVAL CHECKLIST 5-20 AND CIRRUS MAINTENANCE MANUAL P/N 13773-001. THE TAT MAINTENANCE MANUAL P/N REPORT 215-10 AND TCM 50 INSPECTION PER TCM MAINTENANCE MANUAL P/N X30634A.  
CHANGED OIL AND FILTER, CUT AND INSPECT FILTER, NO METAL FOUND. TOOK OIL SAMPLE AND SENT OUT FOR ANALYSIS. SERVICED WITH 7 QTS. AEROSHELL 15W50 OIL. RUN UP, NO LEAKS NOTED.  
INSTALLED NEW P/N ETI-G3-20-28 R/H TURBO HEAT SHIELD.

*The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Damon Schmidt*

Damon Schmidt

Date 1/14/2010  
W/O# 10525



**Engine Logbook Entry**  
**CRS AWKR298C**

**AIRCRAFT: N 868SR**  
**S/N 2860**

Watts Woodland Airport, Woodland, CA 95695

Tach Time

529.8

COMPLETED AN 100HR. / ANNUAL INSPECTION AS REQUIRED BY CIRRUS SR22 INSPECTION GUIDE. ALL WORK DONE IN ACCORDANCE WITH APPLICABLE MANUALS.

Eng TSN

52938

CHANGED OIL AND FILTER, CUT AND INSPECT FILTER, NO METAL FOUND. TOOK OIL SAMPLE AND SENT OUT FOR ANALYSIS. SERVICED WITH 7 QTS. AEROSHELL 15W50 OIL. RUN UP, NO LEAKS NOTED. COMPRESSION CHECK: #1- 58/80, #2- 54/80, #3- 67/80, #4- 72/80, #5- 62/80, #6- 62/80.

Eng TSO

NEW

TTAF

529.8

COMPLIED WITH TELEDYNE CONTINENTAL MOTORS MANDATORY SERVICE BULLETIN 95-2, 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE. COMPLIED WITH TELEDYNE CONTINENTAL MOTORS TOPCARE INSPECTION PER SIL 97-2. C/W 500 HOUR MAGNETO INSPECTION BY INSTALLING LEFT MAGNETO P/N S6RSC-25P S/N D07JA173 AFTER REPAIR BY "AIRCRAFT ELECTRICAL COMPONENTS INC." CRS# S7HR883J PER WO # 46197, TIMED TO ENGINE, LEAK AND FUNCTION CHECKED NORMAL. AND RIGHT MAGNETO P/N S6RSC-25P S/N D07JA029 AFTER REPAIR BY "AIRCRAFT ELECTRICAL COMPONENTS INC." CRS# S7HR883J PER WO # 46196, TIMED TO ENGINE, LEAK AND FUNCTION CHECKED NORMAL.  
INSTALLED NEW P/N 22-6150026 SLAVE WASTEGATE AND NEW P/N 22-5650008 WASTEGATE CONTROL CABLE ASSEMBLY, FUNCTION CHECKED NORMAL.

*I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition. Signed: Damon Schmidt*

Damon Schmidt

Date 3/18/2010  
W/O# 10676



**Engine Logbook Entry**  
**CRS AWKR298C**

**AIRCRAFT: N 868SR**  
**S/N 2860**

25170 Aviation Ave., Davis, CA 95616

Tach / Hobbs

553.3

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT. NO DISCREPANCIES NOTED. OIL SAMPLE TAKEN AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND

FLIGHT

448.1

SERVICED ENGINE WITH 7 QUARTS AEROSHELL 15W50. RUN UP AND LEAK CHECK NORMAL.

*The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Damon Schmidt*

Damon Schmidt

Date 3/29/2010  
W/O# 10683



**Engine Logbook Entry**  
**CRS AWKR298C**

**AIRCRAFT: N 868SR**  
**S/N 2860**

25170 Aviation Ave., Davis, CA 95616

Tach / Hobbs

569.1

INSTALLED NEW P/N 470688-0005 S/N KGN00157 MANIFOLD PRESSURE CONTROLLER, LEAK AND FUNCTION CHECKED NORMAL.

FLIGHT

460.9

*The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Damon Schmidt*

Damon Schmidt



Date 5/18/2010  
W/O# 10706



**Engine Logbook Entry**  
**CRS AWKR298C**  
25170 Aviation Ave., Davis, CA 95616

**AIRCRAFT: N 868SR**  
**S/N 2860**

Tach / Hobbs  
FLIGHT

622.1  
508.6

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT. NO DISCREPANCIES NOTED. OIL SAMPLE TAKEN AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS AEROSHELL 15W50. RUN UP AND LEAK CHECK NORMAL. COMPRESSION TEST RESULTS: #1- 58 /80, #2- 62 /80, #3- 60 /80, #4- 60 /80, #5- 62 /80, #6- 64 /80.

*The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Damon Schmidt*

Damon Schmidt

Date 9/2/2010  
W/O# 10990



**Engine Logbook Entry**  
**CRS AWKR298C**  
25170 Aviation Ave., Davis, CA 95616

**AIRCRAFT: N 868SR**  
**S/N 2860**

Tach / Hobbs  
FLIGHT

679.0  
556.9

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT. NO DISCREPANCIES NOTED. OIL SAMPLE TAKEN AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS AEROSHELL 15W50. RUN UP AND LEAK CHECK NORMAL.

*The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Damon Schmidt*

Damon Schmidt

Date 10/5/2010  
W/O# 10997



**Engine Logbook Entry**  
**CRS AWKR298C**  
25170 Aviation Ave., Davis, CA 95616

**AIRCRAFT: N 868SR**  
**S/N 2860**

Tach / Hobbs  
FLIGHT

688.1  
563.9

INSTALLED ALL SIX CYLINDERS P/N 655932 S/N'S 12776-1 THRU 12776-6 AFTER REPAIR BY "EAGLE ENGINES" CRS# NO3R717L PER WO# 12776-09-2010, ALL WORK DONE IN ACCORDANCE WITH TCM IO-550N OVERHAUL MANUAL AND RCM SB96-7C, CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT. NO DISCREPANCIES NOTED. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS AEROSHELL 100 STRAIGHT MINERAL. RUN UP AND LEAK CHECK NORMAL. INSTALLED NEW P/N 642085-1A1 STARTER ADAPTER USING NEW P/N 653470 GASKET, INSTALLED NEW P/N 657596 S/N 4C3-261015 STARTER, LEAK AND FUNCTION CHECKED NORMAL.

*The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Damon Schmidt*

Damon Schmidt

Date 10/9/2010  
W/O# 11059



**Engine Logbook Entry**  
**CRS AWKR298C**  
25170 Aviation Ave., Davis, CA 95616

**AIRCRAFT: N 868SR**  
**S/N 2860**

Tach / Hobbs  
FLIGHT

688.5  
564.2

INSTALLED A NEW TAT RIGHT EXHAUST MANIFOLD P/N ETI-SR22-100-4, S/N IOW68-0003 WITH NEW GASKETS AND EXHAUST STUD NUTS P/N MS20500-428 AND TORQUED TO SPEC. INSTALLED TRUBO WITH NEW GASKET P/N 636465. INSTALLED THE TAIL PIPE AND WASTEGASTE ASSEMBLY WITH NEW GASKET PER CIRRUS NEW EXHAUST INSTALLATION INSTRUCTIONS 22-6460006. OPERATIONAL AND LEAK CHECK NORMAL.

*The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Damon Schmidt*

Damon Schmidt



Date 12/16/2010

W/O# 11159



Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 868SR

S/N 2860

Tach / Hobbs 714.7

Eng TSN 714.7

Eng TSO NEW

COMPLETED AN ANNUAL INSPECTION PER FAR 43 APPENDIX "D" USING CIRRUS SR22 INSPECTION GUIDE. ALL WORK DONE IN ACCORDANCE WITH APPLICABLE MANUALS. CHANGED OIL AND FILTER, CUT AND INSPECT FILTER, NO METAL FOUND. TOOK OIL SAMPLE AND SENT OUT FOR ANALYSIS. SERVICED WITH 7 QTS. AEROSHELL 15W50 OIL. RUN UP, NO LEAKS NOTED.

COMPRESSION CHECK: #1- 70/80, #2- 71/80, #3- 68/80, #4- 71/80, #5- 73/80, #6- 72/80.

COMPLIED WITH TORNADO ALLEY TURBO 3 YEAR / 300 HOUR MAGNETO FILTER P/N 1396-2 REPLACEMENT. COMPLIED WITH TORNADO ALLEY TURBO 450 HOUR "V" BAND CLAMP REPLACEMENT. REMOVED LEFT AND RIGHT TAILPIPE "V" BAND CLAMPS AND INSTALLED TWO NEW CLAMPS P/N 11-1100023. TROQUED AND SAFETIED PER TAT CIRRUS NEW EXHAUST INSTALLATION INSTRUCTIONS. COMPLIED WITH TORNADO ALLEY TURBO SI08-1, 50 HOUR INSPECTION AND CLEANING OF CRANKCASE BREATHER FITTING. CLEANED OUT BREATHER FITTING AND INSPECTED SYSTEM. NO DISCREPANCIES NOTED. COMPLIED WITH TORNADO ALLEY TURBO SB09-01, 50 HOUR INSPECTION OF THE EXHAUST MANIFOLD FLANGE. VISUALLY INSPECTED EXHAUST MANIFOLD FLANGES. NO DISCREPANCIES NOTED. COMPLIED WITH TORNADO ALLEY TURBO MANDATORY SB 10-01, INSPECTION OF HINGE PIN ENDS ON THE ALTERNATE AIR DOOR FOR CRACKS, LOOSE RIVETS AND / OR MISSING RETENTION METHODS. INSPECTED ALTERNATE AIR DOOR. NO DISCREPANCIES NOTED. COMPLIED WITH TORNADO ALLEY TURBO MANDATORY SB 10-02, INSPECTION OF SUPPLEMENTAL TAILPIPE HANGERS. REMOVED LEFT TAILPIPE HANGER AND INSTALLED A NEW HANGER P/N 22-6200045. REMOVED RIGHT TAILPIPE HANGER AND INSTALLED A NEW HANGER P/N 22-6200039. COMPLIED WITH TELEDYNE CONTINENTAL MOTORS MANDATORY SERVICE BULLETIN 95-2, 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE. INSTALLED 2 EA NEW P/N RHB-32S SPARK PLUGS, FUNCTION CHECKED NORMAL. INSTALLED NEW GASKETS AND TIMED LEFT AND RIGHT MAGNETOS TO 21.5 DEGREES PER TAT INSTRUCTIONS. OPERATIONAL CHECKED NORMAL. INSTALLED NEW P/N 653981 R/H ALTERNATOR BASE GASKET, LEAK CHECKED NORMAL.

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition. Signed Damon Schmidt

Damon Schmidt

Date 4/15/2011

W/O# 11367



Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 868SR

S/N 2860

Tach / Hobbs 760.8

FLIGHT 619.9

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT. NO DISCREPANCIES NOTED. OIL SAMPLE TAKEN AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS AEROSHELL 15W50. RUN UP AND LEAK CHECK NORMAL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Damon Schmidt

Damon Schmidt

Date 10/7/2011

W/O# 11752



Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 868SR

S/N 2860

Tach / Hobbs 875.6




FLIGHT 715.5

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT. NO DISCREPANCIES NOTED. OIL SAMPLE TAKEN AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS AEROSHELL 15W50. RUN UP AND LEAK CHECK NORMAL. INSTALLED NEW P/N 22-6850002 L/H EXHAUST MANIFOLD, INSTALLED NEW P/N 22-6250006 L/H TURBO UPPER SUPPORT BRACKET WITH NEW P/N MS21250-05020 BOLT, FUNCTION CHECKED NORMAL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: Damon Schmidt

Damon Schmidt



Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Br					
Date <b>10/25/2011</b>			<b>Engine Logbook Entry</b>		<b>AIRCRAFT: N 868SR</b>
W/O# <b>11789</b>	WOODLAND AVIATION		<b>CRS AWKR298C</b>		<b>S/N 2860</b>
	25170 Aviation Ave., Davis, CA 95616				
Tach / Hobbs	897.0				
FLIGHT	734.5	INSTALLED NEW P/N 12635-002 OIL PRESSURE SENSOR, LEAK AND FUNCTION CHECKED NORMAL.			
<p><i>The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: <u>Damon Schmidt</u></i></p> <p>Damon Schmidt</p>					
Date <b>1/12/2012</b>			<b>Engine Logbook Entry</b>		<b>AIRCRAFT: N 868SR</b>
W/O# <b>11777</b>	WOODLAND AVIATION		<b>CRS AWKR298C</b>		<b>S/N 2860</b>
	25170 Aviation Ave., Davis, CA 95616				
Tach / Hobbs	910.3				
Eng TSN	910.3	COMPLETED AN ANNUAL INSPECTION PER FAR 43 APPENDIX "D". ALL WORK DONE IN ACCORDANCE WITH APPLICABLE MANUALS. COMPLIED WITH TAT INSTRUCTIONS FOR CONTINUED AIRWORTHINESS WITH NO DEFECTS NOTED.			
Eng TSO	NA	CHANGED OIL AND FILTER, CUT AND INSPECT FILTER, NO METAL FOUND. TOOK OIL SAMPLE AND SENT OUT FOR ANALYSIS. SERVICED WITH 7 QTS. AEROSHELL <b>15W50</b> OIL. RUN UP, NO LEAKS NOTED. COMPRESSION CHECK: #1- 63/80, #2- 63/80, #3- 68/80, #4- 68/80, #5- 78/80, #6- 68/80. MO=43 COMPLIED WITH TELEDYNE CONTINENTAL MOTORS MANDATORY SERVICE BULLETIN <b>95-2</b> , 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE. COMPLIED WITH TAT <b>SI08-01</b> , 50 HOUR INSPECTION AND CLEANING OF CRANKCASE BREATHER FITTING. COMPLIED WITH TAT <b>SI09-01</b> , 50 HOUR INSPECTION OF EXHAUST MANIFOLD FLANGE WITH NO DEFECTS NOTED. COMPLIED WITH TORNADO ALLEY TURBO MANDATORY <b>SB 10-01</b> , INSPECTION OF HINGE PIN ENDS ON THE ALTERNATE AIR DOOR FOR CRACKS, LOOSE RIVETS AND / OR MISSING RETENTION METHODS WITH NO DEFECTS NOTED. COMPLIED WITH TAT <b>SI11-01</b> , ANNUAL EXHAUST SYSTEM INSPECTION, CLEANING AND LUBRICATION OF SLIP JOINTS WITH NO DEFECTS NOTED. COMPLIED WITH TAT <b>SB11-04</b> , ANNUAL TURBO OIL INLET SCREEN INSPECTION AND CLEANING WITH NO DEFECTS NOTED.			
		INSTALLED NEW P/N 22-6200023 RIGHT WASTEGATE SUPPORT BRACKET BUSHING. INSTALLED ALL NEW P/H RHB32E SPARK PLUGS, FUNCTION CHECKED NORMAL. INSTALLED NEW GASKETS AND TIMED LEFT AND RIGHT MAGNETOS TO 21.5 DEGREES. OPERATIONAL CHECKED NORMAL.			
<p><i>I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition. Signed: <u>Damon Schmidt</u></i></p> <p>Damon Schmidt</p>					
Date <b>6/20/2012</b>			<b>Engine Logbook Entry</b>		<b>AIRCRAFT: N 868SR</b>
W/O# <b>12244</b>	WOODLAND AVIATION		<b>CRS AWKR298C</b>		<b>S/N 2860</b>
	25170 Aviation Ave., Davis, CA 95616				
Tach / Hobbs	1012.3				
FLIGHT	832.8	CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT. NO DISCREPANCIES NOTED. OIL SAMPLE TAKEN AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS AEROSHELL <b>15W50</b> . RUN UP AND LEAK CHECK NORMAL.			
<p><i>The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: <u>Damon Schmidt</u></i></p> <p>Damon Schmidt</p>					



Date 10/4/2012

W/O# 12474



Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 868SR

S/N 2860



Hobbs Time 1060.4  
Flight HM 875.6

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS AEROSHELL 15W-50 ENGINE OIL. RUN UP AND LEAK CHECK NORMAL. REMOVED PUMP AND SENT OUT FOR REPAIR P/N ETI-SR22-2-12 S.N. GP5090. REINSTALLED WITH NEW GASKET P/N 649982 AFTER REPAIR BY GREAT PLANES FUEL METERING, INC CRS# 1GPR022B UNDER W.O. 12-434. PERFORMED FUEL SETUP PER SERVICE INFORMATION DIRECTIVE SID97-3E. OPERATIONAL AND LEAK CHECKED NORMAL. NO DISCREPANCIES NOTED. INSTALLED NEW WASTEGATE CABLE LINKAGE ASSEMBLY P/N 22-5650006 AND RIGGED PER TORNADO ALLEY TURBONROMALIZED MAINTENANCE MANUAL. OPERATION CHECK GOOD.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: *[Signature]*

Shawn Matthies

Date 2/22/2013

W/O# 12673



Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 868SR

S/N 2860

Tach / Hobbs 909.6  
Eng TSN 909.6  
Eng TSO

COMPLIED WITH ANNUAL INSPECTION PER FAR 43 APPENDIX "D". DRAINED OIL AND REMOVED FILTER. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS. NO DISCREPANCIES NOTED. SERVICED ENGINE WITH 7 QUARTS AEROSHELL 15W50 ENGINE OIL. COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER TCM SERVICE BULLETIN 03-3, COMPRESSION TEST RESULTS: #1- 74/80, #2- 72/80, #3- 58/80 #4- 72/80, #5- 75/80, #6- 75/80. COMPLIED WITH TELEDYNE CONTINENTAL MOTORS MANDATORY SERVICE BULLETIN 95-2, 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE. INSTALLED ALL NEW TEMPEST SPARK PLUGS P/N URHB32S.

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition. Signed: *[Signature]*

Shawn Matthies

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: *[Signature]*

Shawn Matthies

Date 6/5/2013

W/O# 12935



Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 868SR

S/N 2860

Tach / Flight 958.3

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS AEROSHELL 15W50 ENGINE OIL. RUN UP AND LEAK CHECK NORMAL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: *[Signature]*

Shawn Matthies

Date 1/2/2014

W/O# 13361



Engine Logbook Entry

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

AIRCRAFT: N 868SR

S/N 2860

Tach / Hobbs 1060.3

ENGINE IO 550 N50 S.N. 691442 REMOVED THIS DATE FOR INSPECTION.

Signed: *[Signature]*

CRS AWKR 298C

Shawn Matthies AWKR298C



Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				



**EAGLE ENGINES**  
**FAA Repair Station NO3R717L**

Work Order: 17435-01-2014      Date: 1/22/2014  
 Engine Make: Continental      Engine Model: IO-550-N  
 Serial No.: 691442      Total Time: 1060.3 HRS.SMOH:

1. IRAN inspection only of (1) Continental Motor's Inc. Engine as per Service Bulletin SB96-11B & SB97-6B & MSB96-10-A.
2. Engine has been disassembled, cleaned, inspected and reassembled in accordance with all applicable FAA regulations and manufacturer's current overhaul manual M-16.
3. Deglazed Cylinders and installed new Piston Rings Per ECI S.I. 94-4-1.
4. Crankshaft ultrasonic inspected by Ameritech Industries, Inc.
5. The following airworthiness directives have been complied with: None Apply at this time.
6. See front of log for A.D. listing details.
7. See rear of log for maintenance releases.
8. Total time to be entered by installing agency.
9. Engine test run satisfactory.
10. Engine not installed by Eagle Engines.
11. Nothing follows.



EAGLE ENGINES  
 REPAIR STATION No. NO3R717L  
 20208 CHARLANNE DRIVE  
 REDDING, CA 96002

WORK ACCOMPLISHED: "IRAN"

THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER

WORK ORDER # 17435-01-2014

INVOICE # 17435-01-2014      DATED: 1/22/2014

SIGNED   
 (AUTHORIZED INDIVIDUAL)



Date 2/3/2014

W/O# 13361



Engine Logbook Entry AIRCRAFT: N 868SR  
CRS AWKR298C S/N  
25170 Aviation Ave., Davis, CA 95616

Tach / Flight 1060.3 COMPLIED WITH ANNUAL INSPECTION PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.

Eng TSN 1060.3 COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER TCM SERVICE BULLETIN 03-3, COMPRESSION TEST RESULTS: #1- 66/80, #2- 76/80, #3- 50/80 #4- 63/80, #5- 72/80, #6- 69/80.

Eng TSO N/A REINSTALLED ENGINE MODEL #IO-550N50 S/N 691442. AFTER IRAN INSPECTION BY EAGLE ENGINES CRS #N03R717L. INSTALLED AS PER CIRRUS SR22 MAINTENANCE MANUAL. COMPLIED WITH TCM S/B M89-7R1.

TTAF 1060.3 ENGINE OPERATION AFTER CYLINDER REPLACEMENT. RUN UP AND LEAK CHECK GOOD.  
COMPLIED WITH TELEDYNE CONTINENTAL MOTORS MANDATORY SERVICE BULLETIN 95-2, 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE.  
DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. SERVICED ENGINE WITH 8 QUARTS AEROSHELL 100 MINERAL ENGINE OIL.  
COMPLIED WITH TAT SB12-02, ANNUAL ENGINE DRIVEN FUEL PUMP INSPECTION NO DEFECTS NOTED AT THIS TIME.  
INSTALLED NEW LEFT MAG P/N 10-500556-101 S/N D13KA072 AND NEW RIGHT MAG P/N 10-500556-101 S/N D13KA270 WITH NEW BASE GASKETS. TIMED MAGNETOS TO ENGINE. OPERATIONAL CHECK GOOD.  
INSTALLED OVERHAULED STARTER PART NUMBER 646275-1R, S/N H-N070676. INSTALLED NEW RIGHT WASTEGATE ASSEMBLY P/N 477233-0003. INSTALLED NEW RIGHT AFT HEATSHIELD CLAMP AND INSTALLED NEW RIGHT FORWARD HEATSHIELD. INSTALLED NEW LEFT TAILPIPE BONDING WIRE. INSTALLED NEW CLEVIS PINS FOR WASTEGATE CONTROL CABLE. INSTALLED NEW RIGHT INTERCOOLER ENVIROMENTAL PRESSURE "T" FITTING. INSTALLED NEW #2 & #4 EGT PROBES P/N 16579-002. REMOVED RH WASTEGATE DUMP TUBE, CLEANED, APPLIED ANTI SEIZE, REINSTALLED. INSTALLED OVERHAULED STARTER PART NUMBER 646275-1R, S/N H-N070676. INSTALLED OVERHAULED PROP GOVERNOR MODEL # C290D3R/T23 S/N 071295. OPERATIONAL AND LEAK CHECK GOOD.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed:

Shawn Matthies AWKR298C

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition. Signed:

Shawn Matthies AWKR298C

Date 2/3/2014

W/O# 13361



Engine Logbook Entry AIRCRAFT: N 868SR  
CRS AWKR298C S/N 2860  
25170 Aviation Ave., Davis, CA 95616

Tach / Hobbs 1063.3 CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS PHILLIPS X/C 20W-50 ENGINE OIL. RUN UP AND LEAK CHECK NORMAL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed:

Shawn Matthies AWKR298C

Date 3/19/2014

W/O# 13504



Engine Logbook Entry AIRCRAFT: N 868SR  
CRS AWKR298C S/N 2860  
25170 Aviation Ave., Davis, CA 95616

Tach / Hobbs 1079.1 CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS PHILLIPS 20W50 X/C ENGINE OIL AND ADDED CAMGUARD ENGINE OIL ADDEITIVE. RUN UP AND LEAK CHECK NORMAL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed:

Shawn Matthies AWKR298C



Date 7/9/2014

W/O# 13718



Engine Logbook Entry

AIRCRAFT: N 868SR

CRS AWKR298C

S/N 2860

25170 Aviation Ave., Davis, CA 95616

Brot

FLT/Tach / Hobbs

1135.3

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS PHILLIPS 20W50 X/C ENGINE OIL AND CAMGUARD. RUN UP AND LEAK CHECK NORMAL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: [Signature]

Shawn Matthies AWKR298C

Date 2/12/2015

W/O# 14183



Engine Logbook Entry

AIRCRAFT: N 868SR

CRS AWKR298C

S/N 2860

25170 Aviation Ave., Davis, CA 95616

Tach / Flight

1219.7

Eng TSN

1219.7

Eng TSO

N/A

TTAF

1219.7

COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS. COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER TCM SERVICE BULLETIN 03-3, COMPRESSION TEST RESULTS: #1- 73/80, #2- 72/80, #3- 73/80 #4- 73/80, #5- 76 /80, #6- 70/80. DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS PHILLIPS ENGINE OIL AND ADDED 1 PINT CAMGUARD ENGINE OIL ADDITIVE. COMPLIED WITH TELEDYNE CONTINENTAL MOTORS MANDATORY SERVICE BULLETIN 95-2, 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE. ADJUSTED ENGINE IDLE MIXTURE. REMOVED #1 ALTERNATOR AND PERFORMED ALTERNATOR DRIVE COUPLING SLIP CHECK AS PER CMI SERVICE BULLETIN SB11-3. INSTALLED NEW DRIVE COUPLING COTTER PIN AND REINSTALLED ALTERNATOR WITH NEW GASKET. INSTALLED NEW RIGHT WASTEGATE CLEVIS PIN AND SPRING. REPLACED O-RINGS ON ENGINE AFT UPPER THROUGH BOLT. SEALED AIR GAPS AROUND ENGINE CYLINDER BAFFLING AND INNER CYLINDER BAFFLING WITH HIGH-TEMP SILICONE. REMOVED RIGHT TURBO P/N 466304-0003, S/N KIL00587. INSTALLED OVERHAULED TURBO P/N 466304-0003, S/N MAL00220. REMOVED LEFT TURBO P/N:466304-0003 S/N:KIL00143. INSTALLED OVERHAULED TURBO P/N:466304-0003 S/N:NEL00009. TURBOS OVERHAULED BY MAIN TURBO SYSTEMS INC. CRS# MAMR190K, W/O# 48762 / 48763. OPERATIONAL AND LEAK CHECK GOOD. INSTALLED NEW LEFT TURBO SUPPORT BRACKET BUSHING . ADJUSTED LEFT AND RIGHT MAGNETO TIMING.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: [Signature]

Shawn Matthies AWKR298C

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition. Signed: [Signature]

Shawn Matthies AWKR298C

Date 4/27/2015

W/O# 14357



Engine Logbook Entry

AIRCRAFT: N 868SR

CRS AWKR298C

S/N 2860

25170 Aviation Ave., Davis, CA 95616

Tach / Hobbs

1238.6

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH PHILLIPS 20W50XC ENGINE OIL AND ONE PINT OF CAMGUARD OIL ADDITIVE. RUN UP AND LEAK CHECK NORMAL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Pertinent details of the repair are on file at this agency: Signed: [Signature]

Shawn Matthies AWKR298C



Date 2/19/2016

W/O# 15016



Engine Logbook Entry AIRCRAFT: N 868SR

CRS AWKR298C

S/N 2860

25170 Aviation Ave., Davis, CA 95616

Tach / Flight 1330.9  
Eng TSN 1330.9  
Eng TSO N/A  
TTAF 1330.9

COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.  
COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER CMI SERVICE BULLETIN 03-3. COMPRESSION TEST RESULTS: #1- 78 /80, #2- 76 /80, #3- 78 /80 #4- 78 /80, #5- 76 /80, #6- 76 /80. MASTER ORIFICE: 65 /80.  
DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH PHILLIPS 20W50 XC ENGINE OIL AND ONE PINT OF CAMGUARD. COMPLIED WITH CONTINENTAL MOTORS INC SB 95-2, 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE.  
INSTALLED NEW GASKET. REMOVED RIGHT EXHAUST TRANSITION ELBOW. CLEANED AND REINSTALLED WITH ANTI SEIZE. INSTALLED NEW TEFLON SEAL/ SLEEVE ON LEFT TURBO SUPPORT ROD. INSTALLED NEW LEFT TURBO UPPER SUPPORT BRACKET BUSHING AND NEW LOWER SUPPORT BRACKET. ADJUSTED RIGHT MAGNETO TO ENGINE TIMING TO SPEC PER DATA TAG.

**The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed.**

**Pertinent details of the repair are on file at this agency: Signed:**

Shawn Matthies-AWKR298C

**I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition. Signed**

Shawn Matthies AWKR298C

Date 7/21/2016

W/O# 15392



Engine Logbook Entry AIRCRAFT: N 868SR

CRS AWKR298C

S/N 2860

25170 Aviation Ave., Davis, CA 95616

Tach 1389.5

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH PHILLIPS 20W50 ENGINE OIL. AND 1 PINT OF CAMGUARD. RUN UP AND LEAK CHECK NORMAL.

**The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed.**

**Pertinent details of the repair are on file at this agency: Signed:**

Shawn Matthies AWKR298C

Date 2/27/2017

W/O# 15864



Engine Logbook Entry AIRCRAFT: N 868SR

CRS AWKR298C

S/N 2860

25170 Aviation Ave., Davis, CA 95616

Tach / Flight 1441.2  
Eng TSN 1441.2  
Eng TSO N/A  
TTAF 1441.2

COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.  
COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER CMI STANDARD PRACTICES MAINTENANCE MANUAL. COMPRESSION TEST RESULTS: #1- 60/80, #2- 68/80, #3- 60/80 #4- 67/80, #5- 62/80, #6- 65/80. MASTER ORIFICE: 43/80.  
DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH PHILLIPS 20W50 X/C ENGINE OIL AND ONE PINT OF CAMGUARD. COMPLIED WITH 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE. INSTALLED NEW #4 LOWER SPARK PLUG LEAD CIGARETTE SPRING. INSTALLED 1 NEW ROSAN STUD IN # 6 CYLINDER. INSTALLED NEW LH WASTEGATE ROD SUPPORT SLEEVE. INSTALLED NEW LEFT EXHAUST ASSEMBLY WITH NEW EXHAUST GASKETS. RIGGED WASTEGATE CROSSOVER CABLE FOR PROPER OPERATION. INSTALLED NEW RIGHT INNER COOLER DUCT. REINSTALLED RIGHT EXHAUST AFTER REPAIR BY DAWLEY AVIATION, CERT# NJ5R069N UNDER WO 115346. REMOVED LEFT AND RIGHT MAGNETOS, SET INTERNAL TIMING, REINSTALLED AND TIMED TO ENGINE. INSTALLED 2 NEW HELICOILS AND ROSAN STUDS IN #4 CYLINDER.

**The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed.**

**Pertinent details of the repair are on file at this agency: Signed:**

Shawn Matthies

**I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition. Signed**

Shawn Matthies AWKR298C



Date 6/21/2017

W/O# 16170



Engine Logbook Entry AIRCRAFT: N 868SR

CRS AWKR298C

S/N 2860

25170 Aviation Ave., Davis, CA 95616

Tach 1493.5 CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH PHILLIPS 20W50 ENGINE OIL AND ONE PINT OF CAMGUARD.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed.

Pertinent details of the repair are on file at this agency: Signed: [Signature]

Shawn Matthies AWKR298C

Date 11/13/2017

W/O# 16510



Engine Logbook Entry AIRCRAFT: N 868SR

CRS AWKR298C

S/N 2860

25170 Aviation Ave., Davis, CA 95616

Tach 1539.7 REMOVED ENGINE MODEL IO 550-N50 S.N. 691442 THIS DATE FOR REPAIR.

Signed: [Signature]

CRS AWKR 298C

Shawn Matthies AWKR298C

Date 11/7/2017

W/O# 15940



Engine Logbook Entry AIRCRAFT: N 868SR

CRS AWKR298C

S/N 2860

25170 Aviation Ave., Davis, CA 95616

Tach 1539.6 CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH PHILIPS 20W50 X/C ENGINE OIL. ADDED 1 PINT CAMGUARD. RUN UP AND LEAK CHECK NORMAL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed.

Pertinent details of the repair are on file at this agency: Signed: [Signature]

Shawn Matthies AWKR298C