


**Service Information**

Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

**Engine Returns**

All returned engines are to be shipped with this log book Directly to:

**Teledyne Continental Motors  
Abbeville Industrial Park  
Suite 159  
Abbeville, AL 36310**

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.	
<b>Attitude Aviation</b> <span style="float: right;">299 W. Jack London Blvd., Livermore, CA 94550</span>					
Reg. No: <del>8104V</del> <sup>N8140V</sup> <del>RR</del> Eng: IO 550 N S/N: <span style="float: right;">October 23, 2003</span> Total Time: 34.6 Tach: 34.6 SMOH:					
Performed the following maintenance / service / repair items: *Changed oil and filter. Serviced with Phillips Type M 20W50 mineral oil. *Changed oil filter adapter gasket.					
Thomas J. Kristof <span style="float: right;">283442926 A&amp;P</span>					
<b>Attitude Aviation</b> <span style="float: right;">299 W. Jack London Blvd., Livermore, CA 94550</span>					
Reg. No: <del>8104V</del> <sup>N8140V</sup> <del>RR</del> Eng: IO 550 N27 S/N: 913904 <span style="float: right;">November 10, 2003</span> Total Time: 51.9 Tach: 51.9					
Performed the following maintenance / service / repair items: <span style="float: right;">CH48108-1</span> *Drained oil, removed & inspected filter - no metal noted. Installed new CH48108-1 filter. Serviced with 8 Qts. Aeroshell 15W-50 oil. Leak check satisfactory.					
Richard K. Dodge <span style="float: right;">555045849 A&amp;P</span>					
N8140V S/N: 913904 MODEL: TACH TIME: 70.1			 <b>ENGINE LOG</b>		DATE: 12-04-03 W.O. #: 13415 TOTAL TIME: 70.1
2980 AIRWAY AV., COSTA MESA, CA 92626 TEL: 714-433-2275 AND 714-433-2276			FAA APPROVED REPAIR STATION # JVR016L CIRRUS DESIGN AUTHORIZED REPAIR STATION		
THE AIRCRAFT AND / OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AIR REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR / REPLACEMENT ARE ON FILE AT THIS AGENCY.					
DATE: 12-04-03 SIGNED: <i>James D. Brown</i>					
C/W a 100 HOUR INSPECTION, serviced with 8 quarts of A/S 15w/50 Oil & CH48108 filter, AOA taken. Comp. 1. 78/80 2. 78/80 3. 78/80 4. 78/80 5. 78/80 6. 78/80 Run-up checks ok. END					
<b>Attitude Aviation</b> <span style="float: right;">299 W. Jack London Blvd., Livermore, CA 94550</span>					
Reg. No: 8104V Eng: IO 550 N27 S/N: 913904 <span style="float: right;">January 7, 2004</span> Total Time: 103.1 Tach: 103.1					
Performed the following maintenance / service / repair items: *Drained oil, removed & inspected filter - no metal noted. Installed new CH48108-1 filter. Serviced with 7 Qts. Aeroshell 15W-50 oil. Leak check satisfactory. Prop de-ice supply line found disconnected. Reinstall per service manual. One spark plug lead found loose. Check and tighten as necessary all spark plug leads. <i>OIL SAMPLE TAKEN FOR ANALYSIS</i>					
Stephen D. Brown <span style="float: right;">546907534 A&amp;P</span>					

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 →					

<b>Attitude Aviation</b>					299 W. Jack London Blvd., Livermore, CA 94550
N8140V	Continental IO-550-N	S/N: 913904	March 5, 2004		
Total Time: 170.1	Tach: 170.1				
This is a permanent part of the Engine records.					
1] Completed 100 hour inspection IAW Cirrus Service Manual.					
2] Performed the following maintenance / service / repair items:					
* Compression test results: #1 75/80, #2 76/80, #3 76/80, #4 75/80, #5 76/80, #6 77/80.					
* Cleaned and rotated spark plugs.					
* Changed oil and filter. Took oil sample. Inspected filter media. Serviced engine with 7 Qts AeroShell 15W50.					
I certify that this Engine has been inspected in accordance with an 100 Hour Inspection and has been determined to be in airworthy condition.					
Thomas J. Kristof <i>Thomas J. Kristof</i>					283442926 A&P

<b>Attitude Aviation</b>					299 W. Jack London Blvd., Livermore, CA 94550
N8140V	Continental IO-550-N	S/N: 913904	April 10, 2004		
Total Time: 220.9	Tach Time: 220.9				
Drained engine oil. Replaced oil filter with CH48108-1. Serviced engine with 8 qts of 15w-50.					
Performed engine test run. Found satisfactory.					
Yuichi Takagi <i>高木 雄一</i>					A&P 614923093

<b>Attitude Aviation</b>					299 W. Jack London Blvd., Livermore, CA 94550
Reg. No: 8140V	Eng: IO 550 N27	S/N: 913904	April 16, 2004		
Total Time: 229	Tach: 229				
Performed the following maintenance / service / repair items:					
* Drained oil, installed new sump quick drain, Aeroquip p/n: AE99950G and serviced with 7 Qts. AeroShell 15W-50 oil. Leak check satisfactory.					
Richard K. Dodge <i>R. Dodge</i>					555045849 A&P

5/7/04 262.6 Hours Drained oil, removed oil filter + inspected element - Found normal. Installed new CH48108-1 oil filter, serviced with 7 qts. AeroShell 15W50 oil. Leak check satisfactory. R. Dodge 555045849 A&P

<b>Attitude Aviation</b>					299 W. Jack London Blvd., Livermore, CA 94550
N8140V	Continental IO-550-N	S/N: 913904	May 13, 2004		
Total Time: 270.1	Tach: 270.1				
This is a permanent part of the Engine records.					
1] Completed 100 hour inspection IAW Cirrus Service Manual.					
2] Performed the following maintenance / service / repair items:					
* Compression test results: #1 74/80, #2 75/80, #3 74/80, #4 75/80, #5 75/80, #6 77/80.					
* Cleaned and rotated spark plugs.					
* Changed oil. Serviced engine with 7 Qts AeroShell 15W50.					
I certify that this Engine has been inspected in accordance with an 100 Hour Inspection and has been determined to be in airworthy condition.					
Thomas J. Kristof <i>Thomas J. Kristof</i>					283442926 A&P

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 →					

<b>Attitude Aviation</b>					299 W. Jack London Blvd., Livermore, CA 94550
N8140V	Continental IO-550 N	S/N: 913904	June 25, 2004		
Total Time: 313	Tach: 313				
This is a permanent part of the Engine records.					
* Drained oil, removed oil filter and inspected element - found normal. Installed new oil filter p/n: CH48110-1 and serviced with 7 Qts AeroShell 15W-50. Leak check satisfactory.					
Thomas J. Kristof <i>Thomas J. Kristof</i>					283442926 A&P

<b>Attitude Aviation</b>					299 W. Jack London Blvd., Livermore, CA 94550
N8140V	Continental IO 550-N27	S/N: 913904	July 20, 2004		
Total Time: 337.3	Tach: 337.3	SMOH: 1642.2			
This is a permanent part of the Engine records.					
Installed starter motor adapter, p/n 642083A12 and gasket p/n 653470. Op check and leak check satisfactory.					
Thomas J. Kristof <i>Thomas J. Kristof</i>					283442926 A&P

<b>Attitude Aviation</b>					299 W. Jack London Blvd., Livermore, CA 94550
N8140V	Continental IO-550-N	S/N: 913904	July 24, 2004		
Tach time: 347.6	Total Time: 347.6				
Drained engine oil. Inspected oil filter. No metal found. Serviced engine with 7 qts of AeroShell 15W-50. Performed leak check.					
Found satisfactory.					
Yuichi Takagi <i>高木 雄一</i>					A&P 614923093

1. Approving National Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CENTER</b> FAA Form 8130-3, AIRWORTHINESS PACKING No.: P64830		1 OF 1
4. Organization Name and Address: Teledyne Continental Motors P.O. Box 90 Mobile, Alabama 36601		ES ORDER : 408972 : 324542 NUMBER : 1		
6. Item: 1	7. Description: ADAPTER AS	8. Part Number: 642083		
10. Quantity: 1	11. Serial/Batch Number: N/A	12. Status/Work: is shipment are in REBUILD drawings listed of life expiration		
13. Remarks:				

BACK ORDERED

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

**STERLING** 145 JOHN GLENN DRIVE  
CONCORD CA 94520 5615  
T: 925-676-2100 F: 925-676-5580

*Changed oil & filter 7 qts 15W50 Aeroshell  
oil & CH48108-1. Cut open old filter - insp.  
No defects noted. Performed comp. #1 76/80 #2  
76/80 #3 76/80 #4 74/80 #5 74/80 #6 75/80. Timed magnetos  
to engine. Serviced spark plugs, re-installed w/ new  
M674 gaskets. Run-up of 3 qts led*

For Further details, see w/o# 2191

The components identified above were repaired and inspected IAW Federal Aviation  
Regulations and were found to be in an airworthy condition for return to service.  
Signed: *[Signature]* Date: 9-24-04 N#: 8140V  
Tach: 369.3 TTSN: 369.3 TSMOH: \_\_\_\_\_

**West Valley Flying Club**  
Date: 02-10-05 Etsmoh: 439 Tach : 439 ACTT: 439

Completed 50 hour inspection IAW Cirrus SR22 MM checklist.  
Serviced 7 qts 15/50 oil and replaced ch48108 oil filter. Inspected  
filter for contaminants. Found no metal. I certify this engine to be  
in airworthy condition.

Peter Kolenko A&P 558833476 *[Signature]*

**West Valley Flying Club** N# 8140v  
Date: 04-01-05 Tach : 471 ACTT: 471 ETSMOH : 471

Inspected engine IAW Cirrus SR-22MM 100HR MM  
Checklist. Drained oil and serviced with 7 qts 15w-50  
oil. Changed oil filter p/n 48108-1, opened and  
inspected old oil filter and found no contamination.  
Compression was 73/80 or better. Engine run and leak  
check good.

Peter Kolenko A&P 558833476 *[Signature]*

**West Valley Flying Club**  
DATE: 06-03-05 TACH:521 ETSMOH:521

Inspected engine using Cirrus SR-22 50hr MM  
Checklist as a guide. Drained oil and serviced with 7qts  
15w/50 oil. Replaced oil filter with P/N 48108-1, opened  
old filter and found no metal. Engine run and leak check  
good.

**This engine is airworthy.**  
Charles Haskins A&P 2742590

*[Signature]*

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

Date 7/22/2005  
W/O# 5456

**WOODLAND AVIATION INC**

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

AIRCRAFT: N 8140V  
S/N 0677  
**CIRRUS**

Tach Time 574.4

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

Signed *[Signature]* Shawn Matthes CRS AWKR 298C

**West Valley Flying Club**

DATE: 07-27-05 TACH:577 ETSMOH:577

Inspected engine using Cirrus SR22 100hr MM  
Checklist as a guide. Engine run and leak  
check good. Compression 72 and above.

**This engine is airworthy.**  
**Eric Zapata A&P 2806335**

*[Signature]* Eric Zapata

**West Valley Flying Club**

Date: 07/27/05 ACTT: 577 Tach: 577 ETSMOH: 577  
**Annual inspection** completed using the Cirrus 100 Hr checklist.  
As a guide. A/C test flown "OK" **This Engine is Airworthy.**  
Kevin Pinger A&P5745437721A

*[Signature]*

7 Sept 05	T=623 ACTT 623 ETSMOH 623	C/W 50 hr insp using Cirrus MM, Replaced ES48108 oil filter with new. Drained oil AND SERVICED with 8qts 15w/50. No contaminants noted in old filter. Engine run+leak ck good. Manhole. July 2734691
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**West Valley Flying Club**

Date: 11/11/05 TACH:669 ACTT:669 ETSMOH:669  
Inspected engine using Cirrus SR22 100HR MM checklist as a  
guide. Serviced w/ 7qts 15W50 oil. No contaminants found in  
filter. Installed filter P/N:CH48108. Compression check 70/80 and  
above. This engine is airworthy

Feroz Khan A&P 604158361

*[Signature]*

20 Jan 06	T=715 ACTT 715 ETSMOH 715	INSPECTED engine using Cirrus SR20 50 hr MM AS A GUIDE Drained oil AND REMOVED FILTER. SERVICED w/ 8qts 15w/50 AND installed new CH48108-1 Filter. No contaminants in old filter
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continues next page 5

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	→		→		Engine Run and leak ✓ good Work M. Kelly 2734691 AP



Changed oil and filter w/new. Cut open old filter and inspected, No defects noted. Serviced spark plugs, and reinstalled w/new gaskets. Performed compression checks: #1 74/80, #2 68/80, #3 71/80, #4 72/80, #5 70/80, #6 72/80. Ran up aircraft, ops checked and leak checked. No defects noted.

The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service.

Signed: Lisa Tyler Dated: 7/21/06 N#: 8140V  
Lisa Tyler IA623016610

Tach: 729.4 TTSN: 729.4 TSMOH: n/a For more info see w/of 2998  
145 John Glenn Drive, Concord, CA. 94520 T: (925) 676-2100 F: (925) 676-5580



145 JOHN GLENN DRIVE  
CONCORD, CA. 94520  
T: (925) 676-2100 F: (925) 676-5580

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

SIGNED: Lisa Tyler DATE: 7/21/06  
LISA TYLER, IA623016610  
TTS: 729.4 TSMOH:        REG.# N 8140V



Changed oil and filter w/new. 8qts 15W50 Aeroshell oil and Ch48108-1 filter. Cut open old filter and inspected. No defects noted. Cleaned bottom spark plugs. Ran up engine, ops checked and leak checked. No defects noted.

The components identified above were repaired and inspected IAW Federal Aviation Regulations and were found to be in an airworthy condition for return to service.

Signed: Lisa Tyler Dated: 10/26/06 N#: 8140V  
Lisa Tyler IA623016610

Tach: 764.0 TTSN: 764.0 For more info see w/of 3177  
145 John Glenn Drive, Concord, CA. 94520 T: (925) 676-2100 F: (925) 676-5580


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	→		→		

October 31, 2006  
N8140V Cirrus SR22  
S/N: 340A0364  
Hobbs: 777.0  
Mather Aviation LLC  
3028 Peacekeeper Way  
McClellan, CA 95652  
WO#: 411783MC

This is a permanent part of the Aircraft Records. Pertinent details of the work performed are on file at this agency. The following inspections, repairs or component part replacements were accomplished.

1. Removed and replaced #3 cylinder EGT probe p/n 14554-001 per m/m operational check satisfactory.

This aircraft is approved for return to service with respect to the work performed.

Signed: Dominic L. Zagami  
Dominic L. Zagami CRS# PCPD439B

November 10, 2006  
N8140V Cirrus SR22  
S/N: 0677  
Hobbs: 788.6  
Mather Aviation LLC  
3028 Peacekeeper Way  
McClellan, CA 95652  
WO#: 411783MC

This is a permanent part of the Aircraft Records. Pertinent details of the work performed are on file at this agency. The following inspections, repairs or component part replacements were accomplished.

1. Removed and replaced #2 alternator p/n BC410-1 s/n 1132351 with repaired alternator p/n BC410-1 s/n 1132272 operational check satisfactory per Cirrus m/m.

This aircraft is approved for return to service with respect to the work performed.

Signed: Dominic L. Zagami  
Dominic L. Zagami CRS# PCPD439B

11-28-2006  
N 8140V  
S/N: 0667  
AFTT: 806.8 CYC: NA  
Mather Aviation LLC  
Sacramento McClellan Airport, CA 95652  
FAA CRS No. PCPD439B  
WO#: 411886MC

This is a permanent part of the Aircraft Records. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished.

1. Changed oil and filter. Serviced with AWS15W50 and CH48108-1 filter. Engine ran and no leaks noted.

I certify that the aircraft or component identified above has been repaired and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed.

Inspector: C. Booolootian  
Craig Booolootian for CRS# PCPD439B

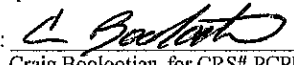
January 15, 2007  
N 8140V  
S/N: 0667  
AFTT: 858.9  
Mather Aviation LLC  
Sacramento McClellan Airport, CA 95652  
FAA CRS No. PCPD439B  
WO#: 412065MC


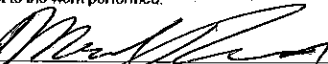
This is a permanent part of the Aircraft Records. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished.

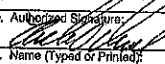
1. Changed oil and filter. Serviced with AWS15W50 and CH48108-1 filter. Engine ran and no leaks noted.



I certify that the aircraft or component identified above has been repaired and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed.


Inspector: Dominic L. Zagami  
Dominic L. Zagami for CRS# PCPD439B


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 →					
March 8, 2007					<b>Mather Aviation LLC</b> Sacramento McClellan Airport, CA 95652 FAA CRS No. PCPD439B WO#: 412295MC
N 8140V					
S/N: 0667					
AFTT 896.5					
This is a permanent part of the Aircraft Records. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished.					
1. Changed oil and filter. Serviced with AWS15W50 and CH48108-1 filter. Engine ran and no leaks noted.					
2. Replaced Oil Dipstick with new P/N 652171-8.					
I certify that the aircraft or component identified above has been repaired and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed.					
Inspector:  Craig Boolootian for CRS# PCPD439B					


ENGINE MODEL: IO-550-N ENGINE S/N: 913904 REG. NO: 8140V WORK ORDER: 3078-04-2007	 <b>Top Gun Aviation, Inc.</b> 6100 S. Lindbergh St. Stockton, CA 95206 Phone: 209-983-8082	DATE: 4/24/2007 A/C TSN: 946.8 ENG TT: 946.8 TACH: 946.8
<b>Engine Entries</b>		
(2) Compression check: Cyl 1-71/80, 2-63/80, 3-74/80, 4-68/80, 5-66/80, 6-71/80.... (3) Changed oil and filter, serviced 7 qts Aero Shell 15W50.... (4) Cleaned, gaped and rotated spark plugs.... (20) Reinstalled both mags after 500 hr. inspection done by Quality Aircraft Accessories.... (25) Cleaned all fuel injectors.... (26) Re-attached lower oil cooler air seal.... (51) Reinstalled and rigged prop governor after repair by Stockton propeller.... (54) Completed 100hr/Annual inspection.		
I certify that this ENGINE is airworthy with respect to the work performed.		
DATE: 4/24/2007	SIGNED:  Mark T. Rouch, IA: 566534421 IA	Work Order: 3078-04-2007 Printed by EBis 3 (datamedia.com)


1. Approving National Aviation Authority/Country: <b>FAA/UNITED STATES</b>	2. Form Tracking Number: G3070
3. Organization Name and Address: STOCKTON PROPELLER INC. 2478 N. WILCOX RD. STOCKTON, CA 95215	4. Work Order/Contract/Invoice Number: G3070
5. Item: 1 Description: MCCAULEY GOVERNOR	6. Part Number: C280D3-R/T23
7. Eligibility: 1	8. Quantity: 1
9. Serial/Batch Number: 03-0556	10. Status/Work: GOVERNOR OVERHAUL
11. REMARKS BENCH TESTED GOVERNOR. FUNCTIONALLY TESTED FOR OPERATION AND LEAKS. RPM SET AT 2700. INSTALLED NEW COVER PER SB248A. NO FURTHER INSPECTIONS PERFORMED.	
12. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13	
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.	
14. Authorized Signature: 	15. Approval Authorization No.: UD7R333Y
16. Name (Typed or Printed): MICHAEL BELMONT	17. Date (m/d/y): 04/23/07
<b>User/Installer Responsibilities</b>	
It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.	
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country 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.	
Statements in Blocks 14 and 15 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulation by the user/installer before the aircraft may be flown.	

ENGINE MODEL: IO-550-N ENGINE S/N: 913904 REG. NO: 8140V WORK ORDER: 3106-04-2007	 <b>Top Gun Aviation, Inc.</b> 6100 S. Lindbergh St. Stockton, CA 95206 Phone: 209-983-8082	DATE: 5/3/2007 A/C TSN: 958.3 ENG TT: 958.3 TACH: 958.3
<b>Engine Entries</b>		
(2) Installed New #1 ALT. P/N 648843, S/N 086GA078. Ops check OK.		
I certify that this ENGINE is airworthy with respect to the work performed.		
DATE: 5/3/2007	SIGNED:  Mark T. Rouch, IA: 566531421 IA	Work Order: 3106-04-2007 Printed by EBis 3 (datamedia.com)

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.	
June 25, 2007					<b>Mather Aviation LLC</b> Sacramento McClellan Airport, CA 95652 FAA CRS No. PCPD439B WO#: 412755MC
N 8140V					
S/N: 0667					
AFTT: 1004.8					
This is a permanent part of the Aircraft Records. Pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished.					
1. Changed oil and filter. Serviced with AS15W50 and CH48108-1 filter. Engine ran and no leaks noted.					
I certify that the aircraft or component identified above has been repaired and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed.					
Inspector:  Craig Boolootian for CRS# PCPD439B					


August 16, 2007					<b>Mather Aviation LLC</b> Sacramento McClellan Airport, CA 95652 FAA CRS No. PCPD439B WO#: 412975MC
N8140V, Cirrus SR22					
S/N: 0677					
AFTT: 1046.6					
This is a permanent part of the ENGINE RECORDS pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished.					
1. Complied with oil change replaced oil filter with new CH48108, inspected old oil filter no defects noted serviced with 8 quarts Aeroshell 15W50. Ground run leak check good.					
2. Removed cleaned, inspected and reinstalled spark plugs with new gaskets per M/M.					
I certify that the aircraft or component identified above has been repaired and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed.					
Inspector:  Dominic J. Legami for CRS# PCPD439B					


August 21, 2007					<b>Mather Aviation LLC</b> Sacramento McClellan Airport, CA 95652 FAA CRS No. PCPD439B WO#: 412975MC
N8140V, Cirrus SR22					
S/N: 0677					
AFTT: 1061					
This is a permanent part of the ENGINE RECORDS pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished.					
1. Removed and replaced LH manifold drain line P/N 13914-002 with new part.					
I certify that the aircraft or component identified above has been repaired and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed.					
Inspector:  Craig Boolootian for CRS# PCPD439B					

October 25, 2007					<b>Mather Aviation LLC</b> Sacramento McClellan Airport, CA 95652 FAA CRS No. PCPD439B WO#: 413137MC
N8140V Cirrus SR22					
S/N: 0677					
Hobbs: 1119.8					
This is a permanent part of the Aircraft Records. Pertinent details of the work performed are on file at this agency. The following inspections, repairs or component part replacements were accomplished.					
1. Removed and replaced left main tire p/n 156E66-4 with new per m/m.					
2. Removed and replaced night main tire p/n 156E66-4 with new per m/m.					
This aircraft is approved for return to service with respect to the work performed.					
Signed:  Dominic J. Legami A&P 3037868					

**Mather Aviation LLC**  
Sacramento McClellan Airport, CA 95652  
FAA CRS No. PCPD439B  
WO#: 413137MC  
Continental IO-550  
September 18, 2007  
N8140V, Cirrus SR22  
S/N: 0677  
AFTT: 1093.8  
This is a permanent part of the ENGINE RECORDS pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished.

**Mather Aviation LLC**  
3028 Peacekeeper Way  
McClellan, CA 95652  
WO#: 413295MC  
October 25, 2007  
N8140V Cirrus SR22  
S/N: 0677  
Hobbs: 1119.8  
This is a permanent part of the Aircraft Records. Pertinent details of the work performed are on file at this agency. The following inspections, repairs or component part replacements were accomplished.

1. Complied with oil change replaced oil filter with new CH48108, inspected old oil filter no defects noted serviced with 8 quarts Aeroshell 15W50. Ground run leak check good.  
I certify that the aircraft or component identified above has been repaired and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed.  
Inspector:   
Dominic J. Legami for CRS# PCPD439B

1. Removed and replaced left main tire p/n 156E66-4 with new per m/m.  
2. Removed and replaced night main tire p/n 156E66-4 with new per m/m.  
This aircraft is approved for return to service with respect to the work performed.  
Signed:   
Dominic J. Legami A&P 3037868

Date	Total Time		Time Since Last Overhaul		Engine Service Installations, Inspections, Modifications and Service
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				

March 11, 2008  
N8140V, Cirrus SR22  
S/N: 0677  
AFTT: 1173.9

**Mather Aviation LLC**  
Sacramento McClellan Airport, CA 95652  
FAA CRS No. PCPD439B  
WO#: 413840MC

This is a permanent part of the **ENGINE RECORDS** pertinent details of the work performed are on file at this Repair Station. The following inspections, repairs or component part replacements were accomplished.

1. Changed oil and filter. Serviced with AWS15W50 and CH48108-1 filter. Cut open filter and found OK. Run up and checked for leaks. Found OK.

I certify that the aircraft or component identified above has been repaired and/or inspected in accordance with current Federal Aviation Regulations and is approved for return to service with respect to the work performed.

Inspector: *C. B. B...*  
Craig B... for CRS# PCPD439B

**TDL AERO ENTERPRISES**  
44 MACREADY DRIVE, MERCED CA 95340  
MERCED MUNICIPAL AIRPORT  
(209) 722-7700 FAX (209) 722-3402

DATE 12/13/07

TACH 1137.9

N 8140V

INSTALLED AIRWOLF AFC-W347-A AIR/OIL SEPARATOR ACCORDING TO AIRWOLF FILTER CORP, SUPPLEMENTAL TYPE CERTIFICATE #SA02268CH, DATED MARCH 30, 2006.

REMOVED COWLING, ACCESSED INTERMITTENT EGT AND CHT PROBE LEADS, REMOVED ALL CONNECTORS, APPLIED SOLDER TO CONNECTORS, REPLACED #5 EGT SENSOR WITH NEW, REINSTALLED CHT AND EGT PROBES, FUNCTION TESTED OK AT THIS TIME

*Chris W. Palage*  
CHRIS W. PALAGE  
AP3177058

ENGINE MODEL: IO-550-N ENGINE S/N: 913904 REG. NO: 8140V WORK ORDER: 3607-04-2008	<b>Top Gun Aviation, Inc.</b> 6100 S. Lindbergh St. Stockton, CA 95206 Phone: 209-983-8082	DATE: 5/16/2008 A/C TSN: 1208.9 ENG TT: 1208.9 TACH: 1208.9
<b>Engine Entries</b>		
(2) Completed compression check: cyl 1-77/80, 2-69/80, 3-74/80, 4-73/80, 5-67/80, 6-70/80.... (3) Changed oil and filter. Serviced engine with 7 qts Aero Shell 15W50. Cut open and inspected old filter element. Checked OK. Installed and saftied a new oil filter. Performed ground runup and leak check. Tested OK.... (4) Cleaned, inspected, gapped, test fired and rotated spark plugs.... (16) Cleaned fuel injectors and reinstalled with new o-rings and rubber washers.... (26) Completed 100hr/Annual inspection.		
I certify that this ENGINE is airworthy with respect to the work performed.		
DATE: 5/16/2008	SIGNED: <i>Thomas W. Richardi</i>	Work Order: 3607-04-2008 Printed by EBis 3 (datcomedia.com)

**TDL AERO ENTERPRISES**

44 MACREADY DRIVE, MERCED CA 95340  
MERCED MUNICIPAL AIRPORT  
(209) 722-7700 FAX (209) 722-3402

7/28/2008

TACH: 1270.2

N8140V

CHANGED OIL AND FILTER, INSPECTED OD FILTER NO CONTAMINATES DETECTED. SERVICED WITH ARESHELL 15W-50. RAN ENGINE NO LEAKS NOTED.

*Dean Christensen*  
DEAN CHRISTENSEN AP529907185

N 8140V TACH 1137.9 DATE 12/13/07

INSTALLED AIRWOLF AFC-W347-A AIR/OIL SEPARATOR ACCORDING TO AIRWOLF FILTER CORP, SUPPLEMENTAL TYPE CERTIFICATE #SA02268CH, DATED MARCH 30, 2006.

REMOVED COWLING, ACCESSED INTERMITTENT EGT AND CHT PROBE LEADS, REMOVED ALL CONNECTORS, APPLIED SOLDER TO CONNECTORS. REPLACED #5 EGT SENSOR WITH NEW, REINSTALLED CHT AND EGT PROBES, FUNCTION TESTED OK AT THIS TIME

*Chris W. Palage*  
CHRIS W. PALAGE  
AP3177058

ENGINE MODEL: IO-550-N  
ENGINE S/N: 913904  
REG. NO: 8140V  
WORK ORDER:  
3623-05-2008

**Top Gun Aviation, Inc.**

6100 S. Lindbergh St.  
Stockton, CA 95206  
Phone: 209-983-8082

DATE: 8/28/2008  
A/C TSN: 1323.7  
ENG TT: 1323.7  
TACH: 1323.7

**Engine Entries**

(1) Installed new fuel injection line on #3 cylinder. Secured alternate air cable housing to prevent chafing. Leak check OK.... (2) Changed oil & filter Serviced engine with 7 qts of Aeroshell 15W50. Cut open and inspected oil filter element. Checked OK. Installed and saftied a new oil filter. Performed ground runup and leak check. Tested OK.... (6) Cleaned, inspected, gapped & rotated spark plugs.... (9) Magneto timing checked OK.... (10) Performed compression check of engine cylinders. #1 72/80, #2 70/80, #3 72/80, #4 68/80, #5 74/80, #6 74/80.

I certify that this ENGINE is airworthy with respect to the work performed.

DATE: 8/28/2008 SIGNED: *Thomas W. Richardi* Work Order: 3623-05-2008  
Printed by EBis 3 (datcomedia.com)

N#: N8140V General Aviation Company Inc.  
Model#: IO-550 3915 W. Commonwealth Ave  
WO#: 20811 Fullerton, CA 92833

Date: 3/12/09  
Hobbes: 1405.0

**ce Record**  
pecial Inspections,

Replaced four spark plugs ((RHB32S) [#2 lower, #3 upper, #5 upper, #6 upper])

AP 3061273

ENGINE MODEL: IO-550-N  
ENGINE S/N: 913904  
REG. NO: 8140V  
WORK ORDER:  
3876-12-2008

**Top Gun Aviation, Inc.**

6100 S. Lindbergh St.  
Stockton, CA 95206  
Phone: 209-983-8082

DATE: 12/4/2008  
A/C TSN: 1385  
ENG TT: 1385  
TACH: 1385

**Engine Entries**

(1) Changed oil & filter. Serviced engine with 7 quarts of Aeroshell 15W50. Oil filter inspection OK.

I certify that this ENGINE is airworthy with respect to the work performed.

DATE: 12/4/2008 SIGNED: *Mark T. Rouch* Work Order: 3876-12-2008  
Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: IO-550-N  
ENGINE S/N: 913904  
REG. NO: 8140V  
WORK ORDER:  
3993-04-2009

**Top Gun Aviation, Inc.**

6100 S. Lindbergh St.  
Stockton, CA 95206  
Phone: 209-983-8082

DATE: 4/23/2009  
A/C TSN: 1413.1  
ENG TT: 1413.1  
TACH: 1413.1

**Engine Entries**

(2) Completed differential cylinder compression check: cyl 1-67/80, 2-71/80, 3-76/80, 4-70/80, 5-75/80, 6-74/80.... (3) Changed oil and filter. Serviced engine with 7 qts AS15W50. Cut open and inspected old oil filter element. Checked OK. Installed and saftied a new oil filter. Performed ground runup and leak check. Tested OK.... (4) Cleaned, inspected, gapped, test fired and rotated spark plugs.... (12) Adjusted full power fuel flow to 27.2 gph. Ops checked OK.... (15) Installed a new crankshaft seal. Leak checked OK.... (21) Cleaned all fuel injection nozzles. Ops checked OK.... (25) Adjusted magneto timing.... (36) Completed 100hr/Annual inspection.

I certify that this ENGINE is airworthy with respect to the work performed.

DATE: 4/23/2009 SIGNED: *Thomas W. Richardi* Work Order: 3993-04-2009  
Printed by EBis 3 (datcomedia.com)

9/29/2009  
TACH: 1479.5

N8140V

CHANGED OIL AND FILTER, INSPECTED OD FILTER NO CONTAMINATES DETECTED. SERVICED WITH ARESHELL 15W-50. RAN ENGINE NO LEAKS NOTED.

*Dean Christensen*  
DEAN CHRISTENSEN AP529907185

N 8140U TACH 1526.4 DATE 10/28/09

COMPLETED CIRRUSS DESIGN 50 HR MAINTENANCE REQUIREMENTS, PERFORMED AN ENGINE OPERATIONAL TEST IN ACCORDANCE WITH TCM MAINTENANCE MANUAL, SECTION 5-6, DRAINED OIL, AOA SAMPLE TAKEN, REPLACED OIL FILTER. INSPECTED OIL FILTER FOR METAL CONTAMINATES, SERVICED WITH AEROSHELL OIL 15W 50. LUBED ENGINE AND SURFACE CONTROLS, RUN UP LEAK CHECKED PERFORMED.

ADJUST HIGH FUEL PRESSURE UP 1/2 TURN, FUNCTION CHECKED OK AT THIS TIME

REMOVED, CLEANED AND REINSTALLED SPARK PLUGS

ADJUST MAX RPM ON PROPELLER GOVERNOR, FUNCTION CHECKED OK AT THIS TIME

*Chris W. Palage*  
CHRIS W. PALAGE  
AP3177058

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 →					

ENGINE MODEL: **TDL Aero Enterprises**  
 IO550N27  
 ENGINE S/N: 913904  
 REG. NO: N8140v  
 WORK ORDER: 00000170

Repair Station No. 7TLR012B  
 44 MACREADY DRIVE  
 Merced, CA 95340  
 Phone: 209-722-7300


DATE: 5/4/2010  
 A/C TSN: 1573.4  
 ENG TT: 1573.4  
 HOBBS: 1573.4

**Engine Entries**

(3) I/A/W TCM SB643B maintenance intervals for all TCM and Bendix magnetos dated 04-12-05 Removed and replaced both left hand and right hand magnetos after repair and inspection, see quality aircraft accessories 8130, W/O# 62456 and 62455 dated 4-27-10... (4) Removed and replaced #1 EGT with new function checks good... (5) Perform SID 97-3E Removed, cleaned and reinstalled fuel injectors... (12) Stop drilled crack above #6 cylinder baffle support... (13) Removed, patched and sealed crack above #5 cylinder in baffle. Repositioned to avoid future cracking... (22) Replaced 2 rivets above left hand magneto... (23) Replaced one rivet above right hand magneto... (25) Removed forward right hand baffle, patched and sealed area... (57) Removed and replaced all 12 spark plugs with new P/N RHB32E... (59) ACCESS PANELS, INSPECTION COVERS, FAIRINGS AND COWLINGS REMOVED. AIRFRAME INSPECTED AND LUBES PER MFG. SERVICE AND MAINTENANCE MANUALS. DRAINED OIL TOOK SAMPLE REMOVED OIL FILTER AND INSPECTED FOR DEBRIS, NONE NOTED SERVICED ENGINE 8 QUARTS AERO SHELL 15-50 INSTALLED NEW OIL FILTER CH48108 RUN UP LEAK CHECK PERFORMED NO LEAKS NOTED, COMPRESSION CHECK PERFORMED 1 68/80 2 72/80 3 72/80 4 68/80 5 72/80 6 70/80 ENGINE AND FLIGHT CONTROLS CHECKED AND LUBED, SERVICED TIRES, BATTERY AND BRAKE FLUID, LIGHTS CHECKED, SPARK PLUGS CLEANED AND GAPPED, AS REQUIRED TIMING CHECKED, WASHED DOWN ENGINE AND PERFORMED RUN-UP THIS AIRCRAFT WAS INSPECTED I/A/W ANNUAL INSPECTION WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION

**Maintenance Release**

The aircraft and/or component(s) on N8140v was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 00000170, Dated 5/4/2010.

DATE: 5/4/2010 SIGNED:  Work Order: 00000170  
 CHRIS PALAGE  
 Certified Repair Station No. 7TLR012B Printed by EBis 3 (datcomedia.com)

ENGINE MODEL: **TDL Aero Enterprises**  
 IO550N27  
 ENGINE S/N: 913904  
 REG. NO: N8140v  
 WORK ORDER: 00000292

Repair Station No. 7TLR012B  
 44 MACREADY DRIVE  
 Merced, CA 95340  
 Phone: 209-722-7300

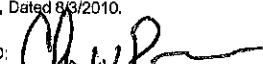
DATE: 8/3/2010  
 A/C TSN: 1627.9  
 ENG TT: 1627.9  
 HOBBS: 1627.9

**Engine Entries**

(1) REMOVED COWLING, DRAINED OIL, REMOVED AND REPLACED OIL FILTER, FILTER INSPECTED, SERVICED WITH AERO SHELL 15-50, DEGREASED ENGINE, RUN UP LEAK CHECK COMPLETED, REINSTALLED COWLING

**Maintenance Release**

The aircraft and/or component(s) on N8140v was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 00000292, Dated 8/3/2010.

DATE: 8/3/2010 SIGNED:  Work Order: 00000292  
 CHRIS PALAGE  
 Certified Repair Station No. 7TLR012B Printed by EBis 3 (datcomedia.com)

ENGINE MODEL:  
 ENGINE S/N:  
 REG. NO: N8140V  
 WORK ORDER:  
 27322-02-2011


**Executive Air Repair, Inc.**  
 Repair Station No. C54D419N  
 6273 Freepoint Blvd  
 Sacramento, CA 95822  
 Phone: 916-421-6756

DATE: 2/2/2011  
 A/C TSN:  
 ENG TT:  
 HOBBS: 1679.1

**Engine Entries**

(1) Removed, cleaned, gapped and tested all plugs. Installed 2 new plugs, P/N RHB32E, reinstalled remaining plugs with new gaskets and torqued to 360 in lbs.....(2) Removed #4 induction tube and re-installed with new gasket and locking hardware.....(3) Repaired LH magneto ignition harness, re-assembled components, ground ran aircraft with normal results.

The aircraft, airframe, engine, propeller, or appliance identified above was repaired, serviced, or inspected in accordance with current FARs and is approved for return to service unless otherwise noted. Pertinent details of the repair are on file at this repair station under this work order. No other portions of the aircraft other than items described in resolution sections of this work order or log entries are inspected or returned to service.

DATE: 2/2/2011 SIGNED:  Work Order: 27322-02-2011  
 Nathan Kuhuski  
 Certified Repair Station No. C54D419N Printed by EBis 3 (datcomedia.com)

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 →					

ENGINE MODEL:  
 IO550N27  
 ENGINE S/N: 913904  
 REG. NO: N8140v  
 WORK ORDER: 00000383

**TDL Aero Enterprises**  
 Repair Station No. 7TLR012B  
 44 MACREADY DRIVE  
 Merced, CA 95340  
 Phone: 209-722-7300

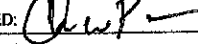
DATE: 11/16/2010  
 A/C TSN: 1672.5  
 ENG TT:  
 HOBBS: 1672.5

**Engine Entries**

C/W 50 hour inspection using Cirrus design checklist, Removed cowlings, drained oil, took oil sample, removed oil filter and cut open to inspect for debris, none noted, serviced engine 8 quarts Aeroshell 15-50, installed new oil filter CH48108-1, run up leak check performed, no leaks noted at this time.

**Maintenance Release**

The aircraft and/or component(s) on N8140v was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 11/16/2010 SIGNED:  Work Order: 00000383  
 Chris Palage  
 Certified Repair Station No. 7TLR012B Printed by EBis 3 (datcomedia.com)

1 of 1

ENGINE MODEL:  
 IO-550-N  
 ENGINE S/N: 913904  
 REG. NO: N8140v  
 WORK ORDER: 00000524

**TDL Aero Enterprises**  
 Repair Station No. 7TLR012B  
 44 MACREADY DRIVE  
 Merced, CA 95340  
 Phone: 209-722-7300


DATE: 5/12/2011  
 A/C TSN: 1715  
 ENG TT: 1715  
 HOBBS: 1715

**Engine Entries**

IAW A Annual Inspection, Complied with Cirrus Design maintenance manual Chapter 05-20 for model SR22 AMM dated June 15, 2010, with changes dated January 15, 2011. Completed fuel system service as per TCM SID 97-3E. Complied with TCM SID 97-2B, Cylinder TopCare compression and borescope inspection program. Compression check: 1: 62/80 2: 63/80 3: 66/80 4: 66/80 5: 63/80 6: 70/80. Master Orifice: 32 PSI. Complied with airwolf air oil separator instructions for continued airworthiness AFC-V360 Rev C dated August 26, 2006. Washed down engine and run-up leak check performed.... Adjusted oil pressure to increased pressure.... Removed and replaced #6 engine cylinder EGT sensor... Removed and replaced right hand exhaust clamps.... Removed, sent #1 alternator in for 500 hour inspection and repair, reinstalled upon receiving.... Removed, sent in for repair and reinstalled #2 alternator.... Removed and replaced #5 engine cylinder valve cover gasket... Removed and replaced #1 exhaust grounding strap.... Recalibrated engine to magneto timing.... Removed, replaced washer and reinstalled propeller governor arm to propeller governor cable rod end hardware.... Removed and replaced #5 intake valve rocker cover.

**Maintenance Release**

The aircraft and/or component(s) on N8140v was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 5/12/2011 SIGNED:  Work Order: 00000524  
 Shawn Fogle  
 Certified Repair Station No. 7TLR012B Printed by EBis 3 (datcomedia.com)

1 of 1

ENGINE MODEL:  
 IO-550-N27B  
 ENGINE S/N: 913904  
 REG. NO: N8140V  
 WORK ORDER:  
 27708-02-2012


**Executive Air Repair, Inc.**  
 Repair Station No. 25QR620B  
 6273 Freepoint Blvd  
 Sacramento, CA 95822  
 Phone: 916-421-6756

DATE: 2/21/2012  
 A/C TSN: 1833.6  
 ENG TT: 1833.6  
 HOBBS: 1833.6

**Engine Entries**

(1) Removed starter and adapter. Installed overhauled starter adapter, (P/N 642083-A2, S/N CAM11-478 ) by Canadian Aero Manufacturing, reference 8130-3 dated 12/22/2011 for further details. Installed new starter, (P/N C24ST5, S/N 4C5-441020). Performed ground run with normal operation at this time.

The aircraft, airframe, engine, propeller, or appliance identified above was repaired, serviced, or inspected in accordance with current FARs and is approved for return to service unless otherwise noted. Pertinent details of the repair are on file at this repair station under this work order. No other portions of the aircraft other than items described in resolution sections of this work order or log entries are inspected or returned to service.

DATE: 2/21/2012 SIGNED:  Work Order: 27708-02-2012  
 Coliup, Stephen  
 Certified Repair Station No. 25QR620B Printed by EBis 3 (datcomedia.com)





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.	


ENGINE MODEL: IO-550-N27B  
 Executive Air Repair, Inc.  
 ENGINE S/N: 913904  
 REG. NO: N8140V  
 WORK ORDER: 27971-10-2012  
 Repair Station No. 2SQRB20B  
 6273 Freepoint Blvd  
 Sacramento, CA 95822  
 Phone: 916-421-8756

DATE: 10/17/2012  
 A/C TSN: 1936.3  
 ENG TT: 1936.3  
 HOBBS: 1936.3

**Engine Entries**

(2) Removed, cleaned and re-installed all spark plugs with new gaskets. Cleaned cylinder #5 injector and re-installed with new o-rings. Performed ground run with normal cylinder temperature indications.

The aircraft, airframe, engine, propeller, or appliance identified above was repaired, serviced, or inspected in accordance with current FARs and is approved for return to service unless otherwise noted. Pertinent details of the repair are on file at this repair station under this work order. No other portions of the aircraft other than items described in resolution sections of this work order or log entries are inspected or returned to service.

DATE: 10/17/2012      SIGNED:       Work Order: 27971-10-2012  
 Nathan Kuhuski      Printed by EBis 3 (datamedia.com)  
 Certified Repair Station No. 2SQRB20B


ENGINE MODEL: IO-550-N  
 TDL Aero Enterprises  
 ENGINE S/N: 913904  
 REG. NO: N8140V  
 WORK ORDER: 00001084  
 Repair Station No. 7TLR012B  
 44 MACREADY DRIVE  
 Merced, CA 95340  
 Phone: 209-722-7300  
 DATE: 8/8/2013  
 A/C TSN: 1965.5  
 ENG TT: 1965.5  
 HOBBS: 1965.5

**Engine Entries**

IAW A Annual inspection, Cowlings removed, drained oil, removed oil filter and cut open to check for debris, none noted, serviced engine 8 quarts aero shell 15W50, installed A new oil filter and safety tied, performed A horoscope and compression check, (1)72/80(2)56/80(3)64/80(4)52/80(5)58/80(6)66/80, performed run up leak check, no leaks noted, reinstalled cowlings... applied rty to chafing on egt shielding cyl #1 and 5... applied rty to chafing on egt shielding cyl #2 and 4... tightened propeller govener retention nuts to spec... Stop drilled cracks on FWD R/H baffling... apply rty to #5 intake rocker cover to prevent further wear on r/h side baffle... remove and replace worn bolt r/h exhaust collector to headers... remove and replace cht probe cyl #3 with new... C/W SA CSB08-3B replacement of throttle and mixture control levers with new stainless steel control levers... Sent electric fuel pump out to Quality Aircraft Accessories for 10 year overhaul, next due 06-2023 see 8130 dated 06-20-2013 under wo#W0177009109

**Maintenance Release**

The aircraft and/or component(s) on N8140V was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 8/8/2013      SIGNED:       Work Order: 00001084  
 Chris Palage      Printed by EBis 3 (datamedia.com)  
 Certified Repair Station No. 7TLR012B


ENGINE MODEL: IO-550-N  
 TDL Aero Enterprises  
 ENGINE S/N: 913904  
 REG. NO: N8140V  
 WORK ORDER: 00001375  
 Repair Station No. 7TLR012B  
 44 MACREADY DRIVE  
 Merced, CA 95340  
 Phone: 209-722-7300  
 DATE: 9/26/2014  
 A/C TSN: 1965.5  
 ENG TT: 2066.8  
 HOBBS: 2066.8

**Engine Entries**

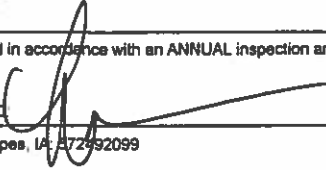
IAW A Annual inspection, Cowlings removed, drained oil, removed oil filter and cut open to check for debris, none noted, serviced engine 8 quarts aero shell 15W50, installed A new oil filter and safety tied, performed A horoscope and compression check, (1)66/80(2)52/80(3)52/80(4)62/80(5)62/80(6)66/80, performed run up leak check, no leaks noted, reinstalled cowlings... Removed spark plug leads, cleaned and reinstalled... Adjusted LH exhaust clamp to prevent chaffing... secured RH and LH EGT and CHT wiring to prevent further chaffing... Adjusted LH forward baffling to prevent chaffing on prop govener, Applied RTV to baffling... Re Secured RH exhaust duct... Replaced LH exhaust ball joint hardware with new... Reinstalled throttle body cotter pin into linkage attach point,

**Maintenance Release**

The aircraft and/or component(s) on N8140V was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 9/26/2014      SIGNED:       Work Order: 00001375  
 Chris Palage      Printed by EBis 3 (datamedia.com)  
 Certified Repair Station No. 7TLR012B



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
<p>ENGINE MODEL: TDI Aero Enterprises                      IO-550-N                      ENGINE SN: 913204                      REG. NO: N8149V                      WORK ORDER: 00001822</p> <p>44 MACREADY DRIVE                      Merced, CA 95340                      Phone: 209-722-7300</p> <p>DATE: 8/31/2016                      A/C TSN: 2273.1                      ENG TT: 2273.1                      TBMCH: 0.1                      HOBS: 2273.1</p> <p><b>Engine Entries</b>                      Remove and replace engine with Overhauled IO550-N, Engine by Corona Engines WO F232 , including Alternator, Removed and Replaced with new Engine hoses, Engine mounts, and All new SCAT/SKEET ducting... Removed and Replaced exhaust system overhauled by Knisely Welding WO 154004... Replace ALT #2 with new</p> <p>I certify this ENGINE has been inspected in accordance with an ANNUAL inspection and was determined to be in an airworthy condition</p> <p>DATE: 8/31/2016      SIGNED:       Work Order: 00001822                      Tom Lopez, IA: 372992099      Printed by EBis 3 (datcomedia.com)</p>				

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				<b>TOTALS</b> brought forward from previous page

**CONTINENTAL IO-550-N** **S/n 913904** **0 HOURS SINCE MAJOR OVERHAUL**  
 Disassembled, cleaned, and inspected engine for Major Overhaul under work order F232. The VAR crankshaft S/n N03EA299 was reconditioned to new limit M10 mains, STD rods by Aircraft Specialties under work order 235130. The crankcase S/n R03CA140 was cleaned, Zyflo, visually and dimensionally inspected and certified. The connecting rods were cleaned, Magnafluxed, re-bushed and line bored certified. The camshaft was replaced with an overhauled unit by Aircraft Specialties under work order 233462. The Lifters were replaced with new Superior Air-parts units. The rocker arms were Magnafluxed, re-bushed and bored. The cylinders were replaced with Factory Continental New units. The engine was reassembled in accordance with TELEDYNE CONTINENTAL MOTORS INSTRUCTIONS AND TABLES OF LIMITS. The following parts were replaced with new at Major Overhaul.

- |  |                                      |                          |
|--|--------------------------------------|--------------------------|
| 12ea. SA642398 STD Connecting Rod Bearing            | 1ea. SAG46592A2 M10 Main Bearing Set | 6ea. SA536379 Crank Bolt |
| 12ea. 655958 Connecting Rod Bolt                     | 1ea. 630899 Needle Bearing           | 1ea. EQ7191 Gasket Kit   |
| 12ea. 654490 Connecting Rod Bolt                     | 8ea. 350998 Crank Bushing            | 1ea. 641250 Nose Seal    |
| 16ea. 643629 Counterweight Plate                     | 1ea. MS35756-8 Woodruff Key          | 2ea. 641909 Lock Plate   |
| 16ea. 629104 Counterweight Cir-clip                  | 4ea. 649205 Bolt                     | 4ea. 655269 Cushion      |
| 16ea. 639193 Counterweight Bushing                   | 6ea. SA628488 Lifter                 | 6ea. SA646277 Lifter     |
| 12ea. RG632459-S Rocker Cover Gasket                 | 1ea. 654084 Overhauled Camshaft      | 6ea. 530658 Bushing      |
| 24ea. 537750 Rocker Retention Bolt                   | 2ea. 531178 Magneto Retainer         | 4ea. 654587.44 Bolt      |
| 24ea. 501868 Lock Tab                                | 4ea. 643626-105 Roller               | 6ea. 646985 Seal         |
| 12ea. SA631815 Rocker Shaft                          | 2ea. 643626-104 Roller               | 1ea. 653359 Coupling     |
| 1ea. 642085A2 M30 Overhauled Starter Clutch Assembly | 1ea. 629680 M10 Transfer Collar      | 2ea. 643626-103 Roller   |
| 6ea. 658595A2 Factory New Cylinder Assembly          |                                      |                          |

S/n's AC15J8090, AC15JA866, AC15JA512, AC15JA533, AC15JB125, AC15JA850

THIS ENGINE WAS OVERHAULED TO 0 Hours Since Major Overhaul  
 -All pertinent details on file at Corona Aircraft Engines Inc. under WORK ORDER F232

Signed *[Signature]* April 14, 2016  
 FAA REPAIR STATION O9VR726Y  
 Corona Aircraft Engines, Inc. 1965 Aviation Drive Corona, CA 92880



### ACCESSORY LISTING

ITEM	PART#	S/N
MAGNETO	10-500556-1	D03GA219
MAGNETO	10-500556-1	D03GA249
THROTTLE BODY	653353-8A1	A03DA040
FUEL PUMP	655921-1A5	B03GA248
FLOW DIVIDER	646433-9A1	C03GA240
OIL COOLER	654585	B00-3337-179
STARTER	ES646275-1	H-Q031741
HARNESS	KA11730	N/A
SPARK PLUGS	URHB32E	N/A
OIL FILTER	AA48108-2	N/A

These Overhauled or New Accessories were supplied with engine at overhaul.

Model: IO-550-N (27)

S/N: 913904

W/O: F232

Corona Aircraft Engines Inc.

*[Signature]* F.A.A. Repair Station O9VR726Y  
 Authorized Signature

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