

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

**USE ONLY FUEL CONFORMING TO ASTM D910
USE OF AUTOMOTIVE GAS IS NOT APPROVED.**



Teledyne Continental Motors, Inc.

A Teledyne Technologies Company

Printed: 09/02/2005

This engine model 10550N27, Serial No. 917865 was manufactured on 09/01/2005 by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.



TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508



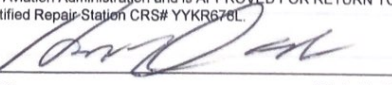
Service Information


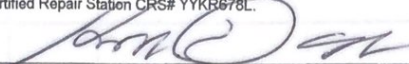

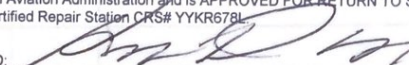

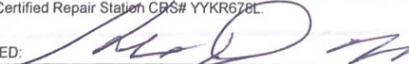

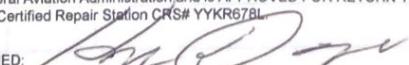
Service Bulletins and Technical Publications are available on a direct mail basis from the factory. Orders must be prepaid. Send for order form or call 334-438-3411, publications department, for information.

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		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
					ENGINE MODEL: IO-550N27 ENGINE S/N: 917865 REG. NO: 540CD WORK ORDER: 00756 Kim Davidson Aviation, Inc. Repair Station No. YYKR678L 2701 Airport Avenue Santa Monica, CA 90405 Phone: (Maint 310-391-6293) (Avionics 310-391-0692) DATE: 10/14/2005 A/C TSN: 28.4 ENG TT: 28.4 HOBBS: 28.4 Engine Entries (1) Removed and replaced oil with 8 qts. 100w-.PLUS Removed oil filter, cut and inspected for metal, and replaced with new. Inspect general condition of engine compartment. Run up and no leaks noted. Maintenance Release The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L. DATE: 10/14/2005 SIGNED:  Work Order: 00756 Kim Davidson Certified Repair Station No. YYKR678L Printed by EBis 3 (datcomedia.com)
					ENGINE MODEL: IO-550N27 ENGINE S/N: 917865 REG. NO: 540CD WORK ORDER: 00800 Kim Davidson Aviation, Inc. Repair Station No. YYKR678L 2701 Airport Avenue Santa Monica, CA 90405 Phone: (Maint 310-391-6293) (Avionics 310-391-0692) DATE: 11/9/2005 A/C TSN: 51.1 ENG TT: 51.1 HOBBS: 51.1 Engine Entries (3) I certify that this engine has been inspected in accordance with a 50hr Inspection I.A.W. Cirrus Demonstrator Care Program and has been determined to be in AIRWORTHY CONDITION....(4) Removed and replaced oil with 8 qts of Aeroshell 100W Plus. Took oil analysis. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted. Maintenance Release The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L. DATE: 11/9/2005 SIGNED:  Work Order: 00800 Kim Davidson Certified Repair Station No. YYKR678L Printed by EBis 3 (datcomedia.com)
					ENGINE MODEL: IO-550-N27 ENGINE S/N: 917865 REG. NO: 540CD WORK ORDER: 00855 Kim Davidson Aviation, Inc. Repair Station No. YYKR678L 2701 Airport Avenue Santa Monica, CA 90405 Phone: (Maint 310-391-6293) (Avionics 310-391-0692) DATE: 11/30/2005 A/C TSN: 100.8 ENG TT: 100.8 HOBBS: 100.8 Engine Entries I certify that this engine has been inspected in accordance with a 100hr Inspection I.A.W. Cirrus Demonstrator Care Program and has been determined to be in AIRWORTHY CONDITION....Removed and replaced oil with 8 qts of Aeroshell 100W Plus. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted....Perform engine compression check 1) 76/80 2) 73/80 3) 76/80 4) 76/80 5) 74/80 6) 78/80....Removed Fuel Injection Nozzles, cleaned, and reinstalled. No leaks noted. Maintenance Release The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L. DATE: 11/30/2005 SIGNED:  Work Order: 00855 Kim Davidson Certified Repair Station No. YYKR678L Printed by EBis 3 (datcomedia.com)

Date	Total Time		Time Since Last Overhaul		<h1>Engine Service and Maintenance Record</h1> <p>Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins</p>
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					
<div> <div> ENGINE MODEL: IO-550-N27 ENGINE S/N: 917865 REG. NO. 540CD WORK ORDER: 00976 </div> <div>  Kim Davidson Aviation, Inc. Repair Station No. YYKR678L 2701 Airport Avenue Santa Monica, CA 90405 Phone: (Maint 310-391-6293) (Avionics 310-391-0692) </div> <div> DATE: 1/11/2006 A/C TSN: 147.7 ENG TT: 147.7 HOBBS: 147.7 </div> </div>					
Engine Entries I certify that this engine has been inspected in accordance with with a 150hr Inspection I.A.W. Cirrus Demonstrator Care Program and has been determined to be in AIRWORTHY CONDITION....&...Removed and replaced oil with 8qts of Aeroshell 100W Plus. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted....&...Removed and replaced oil dipstick w/ new.					
Maintenance Release The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L.					
DATE: 1/11/2006 SIGNED:  Work Order: 00976 Kim Davidson Printed by EBis 3 (datamedia.com) Certified Repair Station No. YYKR678L					
<div> <div> ENGINE MODEL: IO-550-N27 ENGINE S/N: 917865 REG. NO. 540CD WORK ORDER: 01080 </div> <div>  Kim Davidson Aviation, Inc. Repair Station No. YYKR678L 2701 Airport Avenue Santa Monica, CA 90405 Phone: (Maint 310-391-6293) (Avionics 310-391-0692) </div> <div> DATE: 2/16/2006 A/C TSN: 198.9 ENG TT: 198.9 HOBBS: 198.9 </div> </div>					
Engine Entries I certify that this engine has been inspected in accordance with with a 200hr Inspection I.A.W. Cirrus Demonstrator Care Program and has been determined to be in AIRWORTHY CONDITION....&...Removed and replaced oil with 8qts of Aeroshell 100W Plus. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted....&...Perform engine compression check 1) 75/80 2) 71/80 3) 70/80 4) 71/80 5) 71/80 6) 70/80					
Maintenance Release The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L.					
DATE: 2/16/2006 SIGNED:  Work Order: 01080 Kim Davidson Printed by EBis 3 (datamedia.com) Certified Repair Station No. YYKR678L					
<div> <div> ENGINE MODEL: IO-550-N27 ENGINE S/N: 917865 REG. NO. 540CD WORK ORDER: 01217 </div> <div>  Kim Davidson Aviation, Inc. Repair Station No. YYKR678L 2701 Airport Avenue Santa Monica, CA 90405 Phone: (Maint 310-391-6293) (Avionics 310-391-0692) </div> <div> DATE: 3/30/2006 A/C TSN: 250.5 ENG TT: 250.5 HOBBS: 250.5 </div> </div>					
Engine Entries I certify that this engine has been inspected in accordance with with a 250hr Inspection I.A.W. Cirrus Demonstrator Care Program and has been determined to be in AIRWORTHY CONDITION....&...Removed and replaced oil with 8qts of Aeroshell 100W Plus. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted.					
Maintenance Release The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L.					
DATE: 3/30/2006 SIGNED:  Work Order: 01217 Kim Davidson Printed by EBis 3 (datamedia.com)					
<div> <div> ENGINE MODEL: IO-550-N27 ENGINE S/N: 917865 REG. NO. 540CD WORK ORDER: 01307 </div> <div>  Kim Davidson Aviation, Inc. Repair Station No. YYKR678L 2701 Airport Avenue Santa Monica, CA 90405 Phone: (Maint 310-391-6293) (Avionics 310-391-0692) </div> <div> DATE: 5/2/2006 A/C TSN: 301.2 ENG TT: 301.2 HOBBS: 301.2 </div> </div>					
Engine Entries I certify that this engine has been inspected in accordance with with a 300hr Inspection I.A.W. Cirrus Demonstrator Care Program and has been determined to be in AIRWORTHY CONDITION....&...Removed and replaced oil with 8qts of Aeroshell 100W Plus. Oil analysis taken. Removed oil filter, cut and inspected for metal, and replaced with new. No metal found at this time. Run up and no leaks noted....&...Perform engine compression check 1) 72/80 2) 72/80 3) 74/80 4) 73/80 5) 72/80 6) 72/80....&...C/W 300hr Inspection and cleaning of fuel Injection nozzles. Checks good.					
Maintenance Release The aircraft, airframe, engine, propeller, or appliance identified above was repaired and inspected in accordance with the current maintenance rules of the Federal Aviation Administration and is APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this Certified Repair Station CRS# YYKR678L.					
DATE: 5/2/2006 SIGNED:  Work Order: 01307 Kim Davidson Printed by EBis 3 (datamedia.com) Certified Repair Station No. YYKR678L					

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward →

ENGINE MODEL:
IO-550-N(27)
ENGINE S/N: 917865
REG. NO. 540CD
WORK ORDER:
7079-08-2006



Cirrus Design Factory Service Center

Repair Station No. YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone: 218-788-3101

DATE: 8/5/2006
A/C TSN: 412.7
ENG TT: 412.7
HOBBS: 412.7

Engine Entries

(1) Removed engine driven fuel pump P/N 655921-3A1 S/N B05EA357 and installed new pump P/N 655921-3A1 S/N B06EA132 IAW CDC AMM 76-10, TCM MM X30634A and TCM SID 97-3C.... (2) Flight test performed by CDC test pilot. Test flight satisfactory.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.

DATE: 8/5/2006

SIGNED

Robert Powell
Certified Repair Station No. YD5R855Y

Work Order: 7079-08-2006

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9-22-06 440 9

CHANGED OIL + FILTER. INSTALLED CH48108
FILTER + ADDED 8 QTS AEROSHELL 15W50
ADJUSTED FOLE TO 640-660 RPM.
GB MTD FOR L9PR971N.

LAPEER AVIATION, INC.

F.A.A. Approved Repair Station No. L9PR971N
DuPont Lapeer Airport, Lapeer, Michigan 48446



ANN ARBOR
Aviation Center, Inc.
GETTING PILOTS INTO THE AIR FOR OVER 34 YEARS

719 Airport Drive
Ann Arbor, MI
48106
Phone 734-662-6806
Fax 734-662-0559

February 27, 2007

**N540CD
Powerplant**

459.4 Hobbs

Oil and filter change, AOA oil sample taken, Serviced engine with 7 quarts of Aeroshell 80W. Engine washed, run up, leak check ok.

Mark C. Roisen
506742944 A&P

Mark Roisen



ANN ARBOR
Aviation Center, Inc.
GETTING PILOTS INTO THE AIR FOR OVER 34 YEARS

719 Airport Drive
Ann Arbor, MI
48106
Phone 734-662-6806
Fax 734-662-0559

17 August 2007

**N540CD
Engine**

507.4 Hobbs

Compression test: #1: 69, #2: 70, #3: 66, #4: 64, #5: 65, #6: 67. Oil and filter changed. Serviced engine with 8 quarts of Aeroshell 100W and CH48108-1 oil filter. Cleaned and gapped spark plugs. Cleaned fuel bowl. Removed and cleaned all fuel injector, reinstalled in same location. Engine washed, run up, leak check ok. I certify that this Engine was inspected in accordance with a 100 hour inspection and found to be in airworthy condition.

Ross A. Schmidt
365584077 A&P

Ross A. Schmidt



ANN ARBOR
Aviation Center, Inc.
GETTING PILOTS INTO THE AIR FOR OVER 34 YEARS

719 Airport Drive
Ann Arbor, MI
48106
Phone 734-662-6806
Fax 734-662-0559

22 April 2008

**N540CD
Powerplant**

526.2 Hobbs

Oil and filter change, AOA oil sample taken, Serviced engine with 7 quarts of Aeroshell 100W. Engine washed, run up, leak check OK.

Ross A. Schmidt
365584077 A&P

Ross A. Schmidt

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



719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6806
Fax 734-662-0559

4 September 2008

**N540CD
Engine**

542.2 Hobbs

Compression test: #1: 73, #2: 75, #3: 75, #4: 71, #5: 74, #6: 73. Oil and filter changed. Oil sample taken. Serviced engine with 7 quarts of Aeroshell 100W and CH48108-1 oil filter. Cleaned and gapped spark plugs. Cleaned fuel bowl. Checked Fuel System adjustment per SID97-3C. Removed and cleaned all fuel injector, reinstalled in same location. Engine washed, run up, leak check OK.

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

Ross A. Schmidt
365584077 A&P



719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6806
Fax 734-662-0559

26 March 2009

**N540CD
Engine**

552.7 Hobbs

Oil and filter change, AOA oil sample taken, Serviced engine with 7 quarts of Aeroshell 100W. Engine washed, run up, leak check OK.

Ross A. Schmidt
365584077 A&P



719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6806
Fax 734-662-0559

6 November 2009

**N540CD
Engine**

578.7 Hobbs

Compression test: #1: 69, #2: 65, #3: 70, #4: 70, #5: 64, #6: 68. Oil and filter changed. Oil sample taken. Serviced engine with 7 quarts of Aeroshell 15W-50 and CH48108-1 oil filter. Cleaned and gapped spark plugs. Engine washed, run up, leak check OK.

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

Mark Roisen
506742944 A&P



719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6806
Fax 734-662-0559

21 April 2010

**N540CD
Powerplant**

589.2 Hobbs

Oil and filter change, AOA oil sample taken, Serviced engine with 7 quarts of Aeroshell 100W. Engine washed, run up, leak check OK.

Ross A. Schmidt
365584077 A&P



719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6806
Fax 734-662-0559

9 December 2010

**N540CD
Engine**

609.6 Hobbs

Compression test: #1: 71, #2: 66, #3: 63, #4: 65, #5: 66, #6: 74. Oil and filter changed. Oil sample taken. Serviced engine with 7 quarts of Aeroshell 15W-50 and CH48108-1 oil filter. Cleaned and gapped spark plugs. Engine washed, run up, leak check OK.

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

Mark Roisen
506742944 A&P

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

TORNADO ALLEY TURBO INC.

300 AIRPORT RD

ADA, OK 74820

ENGINE LOG BOOK ENTRY

16 MARCH 2011

N540CD CIRRUS SR22-G2 SN: 1625 ACFT TT: 618.9 ACFT HOBBS: 618.9

TCM IO-550-N SN: 917865 ENG TT: 618.9 ENG TSMOH: N/A

INSTALLATION OF CIRRUS TURBO NORMALIZING SYSTEM KIT SERIAL NUMBER 3631, COVERED UNDER STC SA10588SC AND STC SE10589SC, IN ACCORDANCE WITH INSTALLATION INSTRUCTIONS REPORT 215-9 REV B DATED 1 APR 2008 AND MASTER DRAWING LIST ETI-G2-1 REV F. SEE FLIGHT MANUAL SUPPLEMENT FOR OPERATION AND CONTINUED AIRWORTHINESS.

INSTALLED NEW TURBO PART NUMBER 466304 SERIAL NUMBER NCL00088 ON THE RIGHT SIDE.

INSTALLED NEW TURBO PART NUMBER 466304 SERIAL NUMBER LHL00068 ON THE LEFT SIDE.

INSTALLED NEW WASTEGATE VALVE PART NUMBER 477233-0003 SERIAL NUMBER INK79-0005 ON THE RIGHT SIDE. INSTALLED NEW WASTEGATE ASSEMBLY PART NUMBER 470842-0004 SERIAL NUMBER NBN00118 ON THE LEFT SIDE.

INSTALLED NEW MANIFOLD PRESSURE CONTROLLER PART NUMBER 470688-5 SERIAL NUMBER MIN00113.

INSTALLED NEW PRESSURE RELIEF VALVE PART NUMBER 470944-17 SERIAL NUMBER MAN00118.

INSTALLED GENERAL AVIATION MODIFICATIONS, INC. TURBO GAMI INJECTORS KIT TIGT 550-19B SERIAL NUMBER 19947. INSTALLATION COVERED UNDER TURBO SYSTEM STC.

INSTALLED NEW STARTER DRIVE ADAPTER PART NUMBER 642085-A15 SERIAL NUMBER CAS-2622.

INSTALLED NEW PRESSURIZED MAGNETOS PART NUMBER 10-500556-101 SERIAL NUMBER D06KA173 LEFT AND PART NUMBER 10-500556-101 SERIAL NUMBER D06KA182 RIGHT. INSTALLED NEW TCM IGNITION HARNESS 10-423674-33. SET TIMING TO 22.0 DEGREES BTC.

REPLACED ALL SPARK PLUGS WITH NEW CHAMPION RHB29E SPARK PLUGS.

DRAINED ENGINE OIL AND REMOVED OIL FILTER. RETAINED OIL SAMPLE FOR ANALYSIS AND INSPECTED OIL FILTER FOR CONTAMINANTS. NO ABNORMALITY NOTED. SERVICED ENGINE WITH 8 QUARTS AEROSHELL 15W/50 OIL AND INSTALLED NEW CHAMPION CH48108-1 OIL FILTER.

INSTALLED NEW TURBO NORMALIZED FUEL PUMP PART NUMBER ETI-SR22-2-12 SERIAL NUMBER GP5716.

ALL SUPPORTING DOCUMENTS ARE KEPT ON FILE AT THIS FACILITY.

RUN-UP, OP's, AND LEAK CHECK OK.

DAVID R LANDRETH A&P 2651512 IA

TORNADO ALLEY TURBO, INC.



ANN ARBOR
Aviation Center Inc.
GETTING PILOTS INTO THE AIR FOR OVER 25 YEARS

719 Airport Drive
Ann Arbor, MI
48108
Phone 734-662-6806
Fax 734-662-0559

12 July 2011

N540CD
Engine

629.7 Hobbs

Oil and filter changed. Oil sample taken. Serviced engine with 7 quarts of Aeroshell 15W-50 and oil filter CH48109-1. #4 Fuel injector PN 639368GT-C, removed and replaced with new SN 19947. Operational check good. Engine washed, run up, leak check OK. Test flight performed.

Ross A. Schmidt
365584077 A&P



ANN ARBOR
Aviation Center Inc.
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719 Airport Drive
Ann Arbor, MI
48108
Phone 734-662-6806
Fax 734-662-0559

1 February 2012

N540CD
Engine

647.7 Hobbs

Compression test: #1: 75, #2: 72, #3: 75, #4: 74, #5: 73, #6: 76.

Oil and filter changed. Oil sample taken. Serviced engine with 8 quarts of Aeroshell 80W and CH48108-1 oil filter. Cleaned and gapped spark plugs. Engine washed, run up, leak check OK.

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

Mark Roisen
506742944 A&P

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



719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6806
Fax 734-662-0559

1 March 2013

N540CD
Engine

668.5 Hobbs

Compression test: #1: 74, #2: 74, #3: 66, #4: 72, #5: 70, #6: 66.
Oil and filter changed. Oil sample taken. Serviced engine with 8 quarts of Aeroshell 80W and CH48108-1 oil filter. Cleaned and gapped spark plugs. Engine washed, run up, leak check OK.

I certify that this Engine has been inspected in accordance with an 100 Hour Inspection and FAR 43 Appendix "D" was found to be in an airworthy condition.

Mark Roisen
506742944 A&P



719 Airport Drive
Ann Arbor, MI 48108
Phone 734-662-6806
Fax 734-662-0559

8 October 2013

N540CD
Engine

690.0 Hobbs

Oil and filter changed. Oil sample taken. Serviced engine with 8 quarts of Aeroshell 80W and CH48109-1 oil filter. Cleaned and gapped spark plugs. Engine washed, run up, leak check OK.

Ross A. Schmidt
3661999 A&P

15 August

Removed right TCM magnet
timed and operational check




7 April 2014

Compression test: #1: 71, #2: 70, #3: 67,
Oil filter changed, cut open and inspected
Cleaned and gapped spark plugs. Engine
with PN:1396-2 due by April 2016.
I certify that this Engine has been inspected
Appendix "D" was found to be in an airworthy condition.

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: QAA# WO1170010010	
4. Organization Name and Address: Quality Aircraft Accessories Inc. (QYIR334Y) 5746 East Apache Tulsa, OK 74115		Phone: 1-877-833-6948 918-835-6948 Fax: 918-835-2804		5. Work Order/Contract/Invoice Number: WO1170010010			
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	MAGNETO	10-500556-101	N/A	1	D06KA173	REPAIR	
13. Remarks: <input checked="" type="checkbox"/> CSB641 CONDENSOR <input checked="" type="checkbox"/> MSB644 COIL & ROTOR (AD 94-01-03R2) <input checked="" type="checkbox"/> MSB645 500 HR. IMPULSE INSPECTION (AD 2005-12-06) <input type="checkbox"/> SB2-80C 500 HR. INSPECTION <input type="checkbox"/> SB1-98 250 HR. IMPULSE INSPECTION (AD-99-04-04) <input type="checkbox"/> SB2-08B BREAKER POINT CAM <input type="checkbox"/> SB3-08C CARBON BRUSH (EXCHANGE) MANUAL # X42002-3 ISSUE DATE: 08/11 Certifies that the work specified in Block 12/13 was carried out in accordance with EASA Part 145 and in respect to that work the component is considered ready for release to service under EASA Part 145 approval no EASA 145.5982. See Attached Work Order Summary for details. (2) pages (MECH: SVG)							
14. 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.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input checked="" type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature:		21. Approval/Certificate No.:	
						QYIR334Y	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed):		23. Date (m/d/y):	
Kevin J. Wilson				Kevin J. Wilson		AUG 14, 2013	
User/Installer Responsibilities 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 part/component/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. FAA Form 8130-3 (10/08) *Installer must cross-check eligibility with applicable technical data. NSN: 0052-00-012-9005							

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward					<p>ENGINE MODEL: IO550N-27 ENGINE S/N: 917865 REG. NO: N540CD WORK ORDER: 29842-03-2015</p> <p>Engine Entries</p> <p>(4) Complied with 100 Hour Engine Inspection.... (9) Complied with TAT SI05-05 Air Filter Inspection and Cleaning.... (10) Complied with TAT SB 11-04 Turbo charger oil supply inlet screens inspection and cleaning.... (11) Complied with TAT SI08-04 Inspecting and testing Cabin Heat Augmenter/Tailpipe assembly for cracks.... (12) Complied with TAT SB 11-03 Tail pipe support bracket inspection.... (13) Complied with TAT SB 09-01 Exhaust manifold inspection.... (14) Complied with TAT SI08-01 Crankcase Breather Discharge Tube Inspection.... (15) Complied with TAT SB 10-01 Alternate Air Door Hinge pin Inspection.... (23) Checked Compression - 1) 70/80; 2) 68/80; 3) 66/80; 4) 68/80; 5) 70/80; 6) 72/80.... (24) Took oil sample.... (45) Changed oil & filter. Serviced with Philips X/C 20w50 Washed down engine ran and leak checked.</p> <p>I certify that this aircraft was inspected in accordance with an annual inspection and found to be airworthy. The aircraft and/or component(s) on N540CD was repaired and inspected in accordance with current FAR's 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. 29842-03-2015.</p> <p>DATE: 4/3/2015 SIGNED: <i>Alvin Minzler</i> Work Order: 29842-03-2015 Minzler, Alvin Printed by EBis 3 (datcomedia.com) Certified Repair Station No. GA5R 876M</p>

 LEMAC AVIATION, LLC 4550 EAST MCKELLIPS ROAD, SUITE 101 MESA, ARIZONA 85215				SERVICE #: 1215
				DATE: 3/3/16
				REGISTRATION: N366DM
MAKE: CIRRUS	ENGINE: TCM	HOBBS: 774.6	ETSN: 774.6	
MODEL: SR22	MODEL: IO-550-N			
SERIAL: 1625	SERIAL: 917865			
ENGINE LOG				
<ul style="list-style-type: none"> Inspected engine IAW Cirrus AMM 05-20, TAT ICA 22-6460004 Rev. C and FAR 43 Appx D. Drained oil, removed and inspected oil filter, installed new AA48108-2 filter and 7 quarts Aeroshell 100+. Complied with TAT SB's and SL's. Performed a differential compression test, results as follows: 1: 70/80 2: 64/80 3: 63/80 4: 63/80 5: 69/80 6: 71/80 Removed engine driven fuel pump and sent to Great Planes Fuel Metering for repair. Installed after repair under WO 16-187. Verified metered and unmetered fuel pressures within limits. Replaced #1 top spark plug with new URHB32E. 				
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW A 100 HOUR INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.				
MATTHEW EVJEN 3168041 A&P IA <i>[Signature]</i>				

1/13/2017	799.50	REMOVED RH MAGNETO PN: 10-500556-101
		SN: DOGKA182 AND SENT FOR REPAIR. INSTALLED
		AFTER REPAIR BY LYCON INC. OF AZ UNDER
		N.O. 01117LM, SEE WORK RELEASE DATED 1/11/17.
		TIMED MAGNETO TO ENGINE AND RAN AIRCRAFT.
		OPERATIONAL CHECK GOOD.
		MATTHEW EVJEN A&P IA 3168041 <i>[Signature]</i>
		END

MAINTENANCE RELEASE

LYCON INC OF ARIZONA
5117 EAST ROADRUNNER DRIVE
MESA, ARIZONA 85215

DATE: 01/11/17

W/O#: 011117LM

ITEM:	MAKE	MODEL	NAME	P/N	S/N	STATUS
	TCM	S6RSC-25P	MAGNETO	10-500556-101	D06KA182	REPAIRED

DESCRIPTION OF WORK PERFORMED

- 1 REPLACED POINTS, CAPACITOR AND SLINGER.
- 2 TEST RAN
- 3 END
- 4
- 5

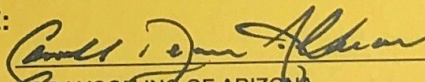
RELEASE AUTHORIZATION


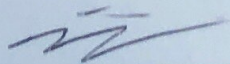
I CERTIFY THAT THE WORK DESCRIBED ABOVE WAS ACCOMPLISHED IN ACCORDANCE WITH TITLE 14, CODE OF FEDERAL REGULATIONS, PART 43 AND IN RESPECT TO THAT WORK, THE ITEM IDENTIFIED ABOVE IS APPROVED FOR RETURN TO SERVICE. THIS DOCUMENT ALONE DOES NOT CONSTITUTE AUTHORITY TO INSTALL THE ITEM. THE ITEM MUST BE INSTALLED IN AN AIRWORTHY MANNER AND AN INSTALLATION ENTRY MADE IN THE AIRCRAFT'S RECORDS BEFORE THE AIRCRAFT IS FLOWN.

NAME: CARROLL DEAN ALTMAN

CERTIFICATE TYPE AND NUMBER: AP1654673

SIGNATURE:


FOR LYCON INC OF ARIZONA

		LEMAC AVIATION, LLC		SERVICE #: 1396
		4550 EAST MCKELLIPS ROAD, SUITE 101 MESA, ARIZONA 85215		DATE: 4/10/17 REGISTRATION: N366DM
MAKE: CIRRUS	ENGINE: TCM	HOBBS: 805.6		ETSN: 805.6
MODEL: SR22	MODEL: IO-550-N			
SERIAL: 1625	SERIAL: 917865			
ENGINE LOG				
<ul style="list-style-type: none">Inspected engine IAW Cirrus AMM 05-20, TAT ICA 22-6460004 Rev. C and FAR 43 Appx D.Drained oil, removed and inspected oil filter, installed new AA48108-2 filter and 7 quarts Aeroshell 100+.Complied with TAT SB's and SL's.Performed a differential compression test, results as follows: 1: 71/80 2: 69/80 3: 60/80 4: 65/80 5: 72/80 6: 67/80Removed engine driven fuel pump and sent to Great Planes Fuel Metering for repair. Installed after repair under WO 16-187.Resealed right turbo inlet check valve threads and verified no leaks existed.Secured right turbo oil inlet line to prevent chafing.				
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IAW A 100 HOUR INSPECTION AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.				
MATTHEW EVJEN 3168041 A&P IA 				

N366DM
HOBBS: 813.4
ETT:813.4



CONTINENTAL
IO-55-N
S/N 917865
11/26/18

Brou

1. PERFORM OPERATIONAL RUN AND CHECK.
2. PERFORM COMPRESSION TEST AS FOLLOWS: #1)71/80 #2)74/80 #3)68/80 #4)76/80 #5)68/80 #6)77/80.
3. REMOVE, CLEAN, INSPECT, GAP, TEST AND REINSTALL SPARKPLUGS
4. REMOVE, CLEAN, AND OIL K&N AIR FILTER.
5. DRAINED OIL AND REMOVED OIL FILTER AND CUT OPEN. NO METAL FOUND. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QTS AEROSHELL 100 PLUS.

ALL WORK PERFORMED REFERENCED TO CONTINENTAL AIRCRAFT ENGINE MM AND TORNADO ALLEY INSTRUCTIONS FOR CONTINUED AIRWORTHINESS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100/ANNUAL HOUR INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.

MARK TORGERSON

AP3207874

ENGINE MODEL:
IO-550-N
ENGINE S/N: 917865
REG NO: N366DM
WORK ORDER: 31668



APR Aviation, Inc.
Repair Station No. CP3R431L
5041 E. Andersen Ave
Fresno, California 93727 USA
Phone: 800-982-8466

DATE: 8/22/2019
A/C TSN: 836.4
ENG TT: 836.4
HOBBS: 836.4

Engine Entries

(1) Changed oil and filter, inspected filter, no contaminants found. Refilled with Aeroshell 100W-plus oil. Run and leak check good.----(5) Replaced magneto pressurization filter----(23) Performed Tornado Alley SI08-05 Air filter inspection/cleaning ----(29) Performed 5 Year/500 hr Fuel injector nozzle cleaning, performed ground run of engine, all checks good.

The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service in respects to the work completed. Unless otherwise stated the repairs and modifications are minor in nature. A copy of this repair is on file at this agency.

DATE: 8/22/2019

SIGNED

Stephen Denney
Certified Repair Station No. CP3R431L

Work Order: 31668

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11/6/2019

HOBBS: 856.6
ETT: 856.6

REMOVED STARTER ADAPTER UNIT P/N 642085
-A17 S/N \$257075-1 HAD UNIT OVERHAULED
BY AIRCRAFT SPECIALTIES SERVICES INC. W/O
257075 OCT. 9 2019. REINSTALLED AFTER OH.
USING NEW GASKETS. INSTALLED SERVICEABLE
STARTER UNIT. TELEDYNE P/N 646275 S/N
R311097 24V. OH. BY MAA INC. BROOKS KY.
40109 REPAIR STATION #M06R900T.
REMOVED OIL FILTER INSPECTED ELEMENT.
NO DEFECTS NOTED. INSTALLED NEW CHAMPION
CH48108-1 FILTER. DRAINED OIL. SERVICED
ENGINE WITH AEROSHELL 100.
Walter Palmer AP3651706

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	

Brought Forward →

Cirrus N366DM
Hobbs: 876.8
ETT: 876.8
12/14/2019

Continental
IO-55-N
S/N 917865

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED
I.A.W. AN ANNUAL INSPECTION PER THE SCOPE AND DETAIL
OF FAR 43-13 APPENDIX D AND FOUND TO BE IN
AIRWORTHY CONDITION.
PERFORMED OPERATIONAL AND RUN CHECK. PERFORMED COMPRESSION
CHECK AS FOLLOWS: 1) 70/80 2) 75/80 3) 70/80 4) 75/80 5) 71/80 6) 77/80
REMOVED, CLEANED AND INSPECTED GAP TEST AND REINSTALLED SPARK PLUGS.
REMOVED, CLEANED & OILED K&N AIR FILTER. DRAINED OIL AND REMOVED OIL FILTER.
CUT OPEN AND INSPECTED ELEMENT. NO ANOMOLIES NOTED. INSTALLED NEW FILTER,
Part# CH48-108.SERVICED ENGINE WITH 7 QUARTS AEROSHELL W100.
ALL APPLICABLE AIRWORTHINESS DIRECTIVES ARE IN COMPLIANCE AT THIS TIME.
SEE AD LOG FOR DATES AND TIMES OF COMPLIANCE AND
RECURRENCE.
THIS ENGINE IS APPROVED FOR RETURN TO SERVICE.


JOSEPH LAMIROULT AP3222642IA

2/7/2020

HOBBS: 886 5
ETT: 886 5

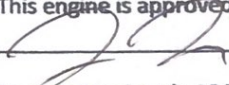
DRAINED OIL AND REMOVED OIL FILTER. FILTER
ELEMENT INSPECTED. NO DEFECTS NOTED.
INSTALLED NEW CH48108-1 FILTER. SERVICED
ENG WITH 8 QUARTS AEROSHELL W100.
Walter Pate ATP 3651706.

7/14/2020

HOBBS: 914.0
ETT: 914.0

DRAINED OIL AND REMOVED OIL FILTER. FILTER
ELEMENT INSPECTED. NO DEFECTS NOTED.
INSTALLED NEW CH48108-1 FILTER. SERVICED
ENGINE WITH 8 QUARTS AEROSHELL W100.
Walter Pate ATP 3651706

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				
2/16/2021					DRAINED OIL AND REMOVED OIL FILTER. FILTER
HOBBS: 939.3					ELEMENT INSPECTED WITH NO DEFECTS NOTED.
TSN: 939.3					INSTALLED NEW CH48108-1 FILTER. SERVICED
					ENGINE WITH AEROSHELL W100. PERFORMED
					COMPRESSION TEST 1 ⁷² /80 2 ⁷¹ /80 3 ⁶⁹ /80 4 ⁷⁵ /80
					5 ⁷⁰ /80 6 ⁷⁵ /80. REMOVED, CLEANED, INSPECTED,
					GAP, TESTED, ROTATED AND REINSTALLED SPARK
					PLUGS. REMOVED CLEANED AND OILED K+N AIR
					FILTER. REPAIRED R/H TURBO HEAT SHIELD.
					REPLACED ENGINE CYLINDER #5 CHT PROBE
					WITH NEW P/N 14880-001. ALL WORK DONE IAW.
					CURRENT FAA REGULATIONS AND CIRRUS MAINTAN
					ANCE INFO.
					Walter Rahn ATP 3651706
					Hobbs /Tach: 939.3 SMOH TSN 939.3
					Date 2/16/2021
					I certify that this engine has been inspected in accordance with
					an annual inspection per the scope and detail of FAR 43
					appendix D and found to be in airworthy condition.
					Engine test run. No defects noted. See attached AD sheet
					for compliance, due dates & times.
					This engine is approved for return to service.
					Joseph Lamirault AP3222642IA
HOBBS: 974.7					DRAINED OIL AND REMOVED OIL FILTER. FILTER
TSN 974.7					ELEMENT INSPECTED WITH NO DEFECTS NOTED.
11/8/2021					INSTALLED NEW CH48108-1 FILTER. SERVICED
					ENGINE WITH AEROSHELL W100. ENGINE RUN
					AND LEAK CHECKED WITH ON DEFECTS NOTED.
					Walter Rahn ATP 3651706
3/4/2022					DRAINED OIL AND REMOVED OIL FILTER. FILTER
TSN: 987.9					ELEMENT INSPECTED WITH NO DEFECTS NOTED.
HOBBS: 987.9					INSTALLED NEW CH48108-1 FILTER. SERVICED
					ENGINE WITH AEROSHELL W100. PERFORMED
					COMPRESSION TEST. 1 ⁷³ /80 2 ⁷⁰ /80 3 ⁶⁸ /80 4 ⁷¹ /80

Date	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
Brought Forward	→				5 ⁷⁰ /80 6 ⁷⁵ /80. REMOVED, CLEANED, INSPECTED, GAP, TESTED, ROTATED AND REINSTALLED SPARK PLUGS. REMOVED CLEANED AND OILED K+N ENGINE AIR FILTER. REPLACED ENGINE CYLINDER #5 EGT PROBE WITH NEW P/N 14554-001 MODIFIED EGT SENSOR. ADJUSTED/SET MAGNETO TIMING. LUBRICATED ALL TURBO COMPONENTS WITH MOUSE MILK. TIGHTENED ROCKER BOX COVER SCREWS. REMOVED, CLEANED, REINSTALLED FUEL INJECTOR'S.
					Walter R. A+P 3651706
					Date 3/4/2022 HOBS: 987.9 ENG. TSN: 987.9
					I certify that this engine has been inspected in accordance with an annual inspection per the scope and detail of FAR 43 appendix D and found to be in airworthy condition.
					Engine test run. No defects noted. See attached AD sheet for compliance, due dates & times.
					This engine is approved for return to service.
					
					Joseph Lamirault AP3222642IA

Southeast Aero Services

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

S/N: 917865

TCM IO-550-N (27)

12/16/2022

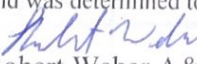
Hobbs: 1009.1hrs.

N366DM

Engine Total Time: 1009.1hrs.

Flight Hours: 1009.1hrs.

Completed an Annual inspection in accordance with 14 CFR43 Appendix D with references to Chapter.05-20 Cirrus SR22 Maintenance Manual inspection checklist this date. Compressions checked as follows: 1)68/80 2)65/80 3)54/80 4)70/80 5)65/80 6)72/80. TCM Master Orifice reading 44/80. Oil drained filter removed and contents examined no abnormalities found. New oil filter installed, torqued and safetied. Engine serviced with 7qts Aeroshell W100 oil. AD's checked thru FAA Bi Weekly 2022-25. Cleaned, gapped, tested sparkplugs and re-installed using new gaskets. Cleaned and lubricated mixture, throttle and propeller control cables. Cleaned induction air filter IAW TAT instructions. Checked mag timing, adjusted left mag timing. Replaced all fluid carrying flexible lines and both exhaust V-band clamps to comply with TAT airworthiness limitations 22-6460004 ICA. Engine ground run completed referencing Chapter 6-4 Continental Standard Practice Maintenance Manual and TAT 22-6460004 ICA. Engine run and systems function check normal with no leaks noted. I certify this Engine has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition at this time.


Robert Weber A&P 3824115 IA

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

Southeast Aero Services

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

TCM IO-550-N (27)

S/N: 917865

N366DM

12/31/2022

Engine Total Time: 1018.7hrs.

Hobbs: 1018.7hrs.

Flight Hours: 1018.7hrs.

Installed new CHT probe P/N: 14880-001 in cylinder 2 location. Installed new starter motor O-ring. Ops check OK.

Robert Weber
Robert Weber A&P 3824115 IA

Blue Skies Over the Creek, LLC, Owner;

John A Bonin, Manager

Cirrus SR-22

N366DM

S/N: 1625

Engine Model: TCM IO-550-N

Engine S/N: 917865

Hobbs: 1034.0

Engine TSOH: 1034.0

Date: Feb 11, 2023

Engine TTIS: 1034.0

1. Drained engine oil. Removed oil filter, cut open and inspected with satisfactory results. Installed new filter Tempest AA48109 and added 7 quarts Phillips X/C SAE 20W-50 aviation oil.
2. Ground run-up, leak checked with satisfactory results.
3. Work performed in accordance with manufacturer's instructions and instructions for continued airworthiness.

John A. Bonin, ATP 1850994

N366DM (ENGINE)

Cirrus SR22

S/N: 1625

DAYTONA
AIRCRAFT SERVICES

2/07/2023

Hobbs: 1030.0

Performed the following maintenance:

1. Removed the Metering Valve (P/N: 653353-8A1; S/N: A05EA308), sent to D&G Supply for overhaul under work order #43832, and reinstalled. Ran the aircraft, adjusted the idle and idle mixture. Operational checks found to be satisfactory.
2. Removed and installed a new #4 CHT Probe (P/N: 14880-001).

All work was performed with current regulations of the FAA and is approved for return to service. Details are on file at this Repair Station under WO #SC11294.

Daytona Aircraft Services, Inc.

561 Pearl Harbor Drive

Daytona Beach, Florida 32114

Authorized Signature: *John A. Bonin*

FAA CRS DYTR262K

END

Southeast Aero Services

St Augustine, FL.

Phone (904) 824-1899/Fax (904) 824-6334

Cirrus SR-22

S/N: 1625

N366DM

TCM IO-550-N (27)

S/N: 917865

03/10/2023

Hobbs: 1049.2 hrs.

R+R 12 spark plugs with new (PN: URHB32S). Complied with SB11-05. All work done IAW TCM IO-550-N MM, Standard Practice M-0 MM and FAR 43.13

Cristofer Goodin
Cristofer Goodin A&P3883011

Blue Skies Over the Creek, LLC, Owner;
Cirrus SR-22
Engine Model: TCM IO-550-N
Hobbs: 1065.0
Date: Mar 20, 2023

John A Bonin, Manager
S/N: 1625
Engine S/N: 917865
Engine TSOH: 1065.0
Engine TTIS: 1065.0

1. Drained engine oil. Removed oil filter, cut open and inspected with satisfactory results. Installed new filter Tempest AA48109 and added 7 quarts Phillips X/C SAE 20W-50 aviation oil.
2. Ground run-up, leak checked with satisfactory results.
3. Work performed in accordance with manufacturer's instructions and instructions for continued airworthiness.

John A. Bonin, ATP 1850994



Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3760 Airfield Drive West Lakeland FL 33811
www.fixedwingaviation.com 863-606-5757

Date: 4/21/2023; Aircraft: N366DM; Type: SR22; Hobbs: 1089.70

-R&R LH mag with O/H mag 10-500556-101 S/N D08AA075 and RH mag with O/H mag 10-500556-101 S/N D11AA062
-Complied with fuel set-up per TAT ICA.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller A&P 2700197

Blue Skies Over the Creek, LLC, Owner;
Cirrus SR-22
Engine Model: TCM IO-550-N
Hobbs: 1098.0
Date: Apr 29, 2023

John A Bonin, Manager
S/N: 1625
Engine S/N: 917865
Engine TSOH: 1098.0
Engine TTIS: 1098.0

1. Drained engine oil. Added 7 quarts Phillips X/C SAE 20W-50 aviation oil.
2. Ground run-up, leak checked with satisfactory results.
3. Work performed in accordance with manufacturer's instructions and instructions for continued airworthiness.

Blue Skies Over the Creek, LLC, Owner;
Cirrus SR-22
Engine Model: TCM IO-550-N
Hobbs: 1131.0
Date: JUN 12, 2023

John A Bonin, Manager
S/N: 1625
Engine S/N: 917865
Engine TSOH: 1131.0
Engine TTIS: 1131.0

1. Drained engine oil. Removed oil filter, cut open and inspected with satisfactory results. Installed new filter Tempest AA48109 and added 7 quarts Phillips X/C SAE 20W-50 aviation oil.
2. Ground run-up, leak checked with satisfactory results.
3. ~~Ground run-up, leak checked with satisfactory results.~~
4. Work performed in accordance with manufacturer's instructions and instructions for continued airworthiness.

John A. Bonin, ATP 1850994



Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3760 Airfield Drive West Lakeland FL 33811
www.fixedwingaviation.com 863-606-5757

cord
ections,

Brought

AVIATION MAINTENANCE

Date: 8/23/2023; Aircraft: N366DM; Type: SR22; Hobbs: 1104.80

-Adjusted both mags to specs as required.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller

A&P 2700197

Blue Skies Over the Creek, LLC, Owner;

Cirrus SR-22

N366DM

Engine Model: TCM IO-550-N

Hobbs: 1160.0

Date: SEP 13, 2023

John A Bonin, Manager

S/N: 1625

Engine S/N: 917865

Engine TSOH: 1160.0

Engine TTIS: 1160.0

1. Drained engine oil and added 7 quarts Phillips X/C SAE 20W-50 aviation oil.
2. Ground run-up, leak checked with satisfactory results.
3. ~~Ground run-up, leak checked with satisfactory results.~~
4. Work performed in accordance with manufacturer's instructions and instructions for continued airworthiness.

John A. Bonin, ATP 1850994



Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3760 Airfield Drive West Lakeland, FL 33811
www.fixedwingaviation.com 863-606-5757

AVIATION MAINTENANCE

Date: 9/20/2023; Aircraft: N366DM; Type: SR22; S/N: 1625; Hobbs: 1169.40

-R&R CHT probe with new P/N 14880-003 as required.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller

A&P 2700197

Blue Skies Over the Creek, LLC, Owner;

Cirrus SR-22

N366DM

Engine Model: TCM IO-550-N

Hobbs: 1196.0

Date: OCT 21, 2023

John A Bonin, Manager

S/N: 1625

Engine S/N: 917865

Engine TSOH: 1196.0

Engine TTIS: 1196.0

1. Drained engine oil. Removed oil filter, cut open and inspected with satisfactory results. Installed new filter Tempest AA48109 and added 7 quarts Phillips X/C SAE 20W-50 aviation oil.
2. Ground run-up, leak checked with satisfactory results.
3. Work performed in accordance with manufacturer's instructions and instructions for continued airworthiness.

John A. Bonin, ATP 1850994

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



Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3454 Airfield Drive West Lakeland FL 33811
www.fixedwingaviation.com 863-606-5757

Date: 12/01/2023; Aircraft: N366DM; Type: SR22; Hobbs: 1225.70; Engine - Type: IO-550N27, S/N: 917865

Engine log book entry:

- Complied with Cirrus 100 hour inspection checklist.
- Removed cowling, cleaned engine, and performed run up. Inspected for leaks and general overall condition. Performed compression checks and magneto timing. Inspected electrical wiring for chafing and security.
- Annual inspection completed WRT Cirrus AMM section 5-20.
- Compression Check #1 70/80 #2 66/80 #3 78/80 #4 64/80 #5 64/80 #6 72/80 MO 45/80
- Complied with Tornado Alley Turbo Inc. Instructions for Continued Airworthiness document # 22-64600004 Rev C.
- Drained oil and serviced with 8 quarts of AS 100. Removed and replaced oil filter, cut open oil filter for inspection.
- R&R K&N engine air filter with new.
- Completed 500 hour engine mount torque. Next due @ TT:1725.7 hrs.
- Verified AD compliance through bi-weekly issue 2023-24. Refer to AD note compliance record for reference to Method of Compliance.
- C/W AD2023-02-12 - Improper Installation of Counterweight Retaining Rings - N/A by affected cylidners not installed.
- C/W AD2023-05-16 - Improper Installation of Counterweight Retaining Rings - N/A by operating hours.
- C/W AD2023-09-09 - Failures of Spot-Welded, Multi-Segment V-Band Couplings - N/A by V-Band replacement time.
- C/W AD2023-17-04 -STC F&M or Stratus Oil Filter Adapter Fiber Gasket Oil Loss - N/A by part not installed.
- R&R slave waste gate pin with new as required.
- R&R Rocker cover gaskets on CYL #3.
- R&R Cylinder #3 with new P/N 658815A2 S/N AC23DB706.
- I certify that this engine has been inspected in accordance with a 100hr inspection and has been determined to be in airworthy condition.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller  A&P 2700197



Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3454 Airfield Drive West Lakeland FL 33811
www.fixedwingaviation.com 863-606-5757

Date: 12/07/2023; Aircraft: N366DM; Type: SR22; Hobbs: 1236.40; Engine - Type: IO-550N27, S/N: 917865

- Removed Alternator P/N C28-150 S/N H-V081346 and installed new alternator P/N C28-150 S/N H-W092772 . Ops check completed. No further issues noted at this time.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller  A&P 2700197

Blue Skies Over the Creek, LLC, Owner;

Cirrus SR-22

N366DM

John A Bonin, Manager

S/N: 1625

Engine Model: TCM IO-550-N

Engine S/N: 917865

Hobbs: 1282.0

Engine TSOH: 1282.0

Date: Feb 4, 2024

Engine TTIS: 1282.0

1. Drained engine oil. Removed oil filter, cut open and inspected with satisfactory results.
Installed new filter Tempest AA48109 and added 7 quarts Phillips X/C SAE 20W-50 aviation oil.
2. Ground run-up, leak checked with satisfactory results.
3. Work performed in accordance with manufacturer's instructions and instructions for continued airworthiness.

John A. Bonin, ATP 1850994

Blue Skies Over the Creek, LLC, Owner;

Cirrus SR-22

N366DM

John A Bonin, Manager

S/N: 1625

Engine Model: TCM IO-550-N

Engine S/N: 917865

Hobbs: 1253.0

Engine TSOH: 1253.0

Date: DEC 22, 2023

Engine TTIS: 1253.0

1. Drained engine oil. Removed oil filter, cut open and inspected with satisfactory results. Installed new filter Tempest AA48109 and added 7 quarts Phillips X/C SAE 20W-50 aviation oil.
2. Ground run-up, leak checked with satisfactory results.
3. Work performed in accordance with manufacturer's instructions and instructions for continued airworthiness.

John A. Bonin, ATP 1850994

FIXED WING
AVIATION MAINTENANCE

Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3454 Airfield Drive West Lakeland, FL 33811
www.fixedwingaviation.com 863-606-5757

Date: 4/27/2023; Aircraft: N366DM; Type: SR22; S/N: 1625; Hobbs: 1096.90; Total Time: 1096.90

Airframe log book entry:

- Installed dual TIT indication kit P/N AR2026-101 as requested.
- Installed Cirrus wing tip light kit P/N 70702-001 as requested.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller  A&P 2700197

FIXED WING
AVIATION MAINTENANCE

Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3454 Airfield Drive West Lakeland, FL 33811
www.fixedwingaviation.com 863-606-5757

Date: 1/11/2024; Aircraft: N366DM; Type: SR22; S/N: 1625; Hobbs: 1265.50; Tach::; Total Time: 1265.50

Airframe log book entry:

- R&R TIT probe with new P/N ETI-G2-711 as required.
- R&R TIT probe connectors to airplane harness.
- Cleaned exit hole of crankcase breather hose as required.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller  A&P 2700197

FIXED WING
AVIATION MAINTENANCE

Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3454 Airfield Drive West Lakeland, FL 33811
www.fixedwingaviation.com 863-606-5757

Date: 1/15/2024; Aircraft: N366DM; Type: SR22; S/N: 1625; Hobbs: 1269.50; Total Time: 1269.50

Airframe log book entry:

- R&R CHT #3 probe with new P/N 14880-003 and updated airframe connection to probe to new style as required.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller  A&P 2700197

Blue Skies Over the Creek, LLC, Owner;

Cirrus SR-22

N366DM

Engine Model: TCM IO-550-N

Hobbs: 1310.0

Date: MAR 4, 2024

John A Bonin, Manager


S/N: 1625

Engine S/N: 917865

Engine TSOH: 1310.0

Engine TTIS: 1310.0

1. Drained engine oil and added 7 quarts Phillips X/C SAE 20W-50 aviation oil.
2. Work performed in accordance with manufacturer's instructions and instructions for continued airworthiness.


John A. Bonin, ATP 1850994

Blue Skies Over the Creek, LLC, Owner;

Cirrus SR-22

N366DM

Engine Model: TCM IO-550-N

Hobbs: 1340.0

Date: APR 20, 2024

John A Bonin, Manager

S/N: 1625

Engine S/N: 917865

Engine TSOH: 1340.0

Engine TTIS: 1340.0

1. Drained engine oil. Removed oil filter, cut open and inspected with satisfactory results. Installed new filter Tempest AA48109 and added 7 quarts Phillips X/C SAE 20W-50 aviation oil.
2. Ground run-up, leak checked with satisfactory results.
3. Work performed in accordance with manufacturer's instructions and instructions for continued airworthiness.


John A. Bonin, ATP 1850994



Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3454 Airfield Drive West Lakeland FL 33811
www.fixedwingaviation.com 863-606-5757

Date: 4/26/2024; Aircraft: N366DM; Type: SR22; Hobbs: 1347.40; Total Time: 1347.40; Engine - Type: IO-550N27, S/N: 917865

Engine log booke entry:

-R&R LH side rocker covers gaskets with new P/N 658735 as required.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller  A&P 2700197

Blue Skies Over the Creek, LLC, Owner;

Cirrus SR-22

N366DM

Engine Model: TCM IO-550-N

Hobbs: 1369.0

Date: May 14, 2024

John A Bonin, Manager

S/N: 1625

Engine S/N: 917865

Engine TSOH: 1369.0

Engine TTIS: 1369.0

1. Drained engine oil. Added 7 quarts Phillips X/C SAE 20W-50 aviation oil.
2. Ground run-up, leak checked with satisfactory results.
3. Work performed in accordance with manufacturer's instructions and instructions for continued airworthiness.


John A. Bonin, ATP 1850994



AVIATION MAINTENANCE

Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3454 Airfield Drive West Lakeland FL 33811
www.fixedwingaviation.com 863-606-5757

Date: 6/05/2024; Aircraft: N366DM; Type: SR22; Hobbs: 1383.90; Total Time: 1383.90; Engine - Type: IO-550N27, S/N: 917865

Engine log book entry:

- R&R RH co-pilot exhaust manifold with overhauled exhaust manifold P/N 22-6850003 as required.
- R&R RH co-pilot V-band coupling with new P/N 670105 as required.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller

A&P 2700197



AVIATION MAINTENANCE

Fixed Wing Aviation Maintenance
Lakeland Linder Regional Airport (KLAL)
3454 Airfield Drive West Lakeland FL 33811
www.fixedwingaviation.com 863-606-5757

Date: 6/19/2024; Aircraft: N366DM; Type: SR22; Hobbs: 1398.00; Total Time: 1398.00; Engine - Type: IO-550N27, S/N: 917865

Engine log book entry:

- R&R LH pilot exhaust manifold with overhauled exhaust manifold P/N 22-6850003 as required.
- R&R LH pilot V-band coupling with new P/N 670105 as required.

The above work was performed in accordance with current regulations of the Federal Aviation Administration and is approved for return to service pertaining to work performed.

Steve Miller

A&P 2700197

Blue Skies Over the Creek, LLC, Owner;

Cirrus SR-22

N366DM

Engine Model: TCM IO-550-N

Hobbs: 1406.0

Date: July 21, 2024

John A Bonin, Manager

S/N: 1625

Engine S/N: 917865

Engine TSOH: 1406.0

Engine TTIS: 1406.0

1. Drained engine oil. Removed oil filter, cut open and inspected with satisfactory results. Installed new filter Tempest AA48109 and added 7 quarts Phillips X/C SAE 20W-50 aviation oil.
2. Ground run-up, leak checked with satisfactory results.
3. Work performed in accordance with manufacturer's instructions and instructions for continued airworthiness.

John A. Bonin, ATP 1850994