

# 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: 08/31/2008

This engine model I0550N51, Serial No. 692049 was manufactured on 08/31/2008 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.




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**TELEDYNE CONTINENTAL MOTORS**

A TELEDYNE TECHNOLOGIES COMPANY

PRODUCTION CERTIFICATE NO. 508

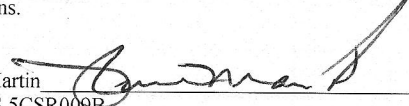
Date	Total Time		Time Since Last Overhaul		<b>Engine Service and Maintenance Record</b> Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	
OCT 09 2008	7	1			<p>THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE NUMBER HAS BEEN INSTALLED ON THIS ENGINE SE10589SC</p> <p>CDC  on OCT 09 2008            Cirrus Design Corporation Duluth, MN USA            PC# 338CE</p>

Clear Star Aviation LLC  
 4765 Frank Luke Dr., Addison, Texas 75001  
 972-267-2376  
 FAA CRS 5CSR009B

N453CP CirrusSR22 S/N 3252  
 Engine: TCM IO-550N51 S/N 692049  
 01-22-2009 Total Time 20.3  
 Work Order: 112028

This Engine was inspected in accordance with a 100 hour inspection; FAR Part 43 Appendix D in scope and detail to items applicable to this engine, the Cirrus SR22 Maintenance Manual, P/N 13773-001 dated 12, 2008 Revision A3 and in accordance with the Cirrus 25 hour Delivery Quality Check Inspection II as required by The Cirrus Full Service Maintenance Program. The compression was checked with the following results: #1, 74 #3, 45. #5, 72. #2, 74. #4, 74. #6, 73. /80 psi. The #3 cylinder, P/N 655932-A3, S/N AC08HA348, was replaced with P/N 655932-A4, S/N AC08JB638, due to low compression and blow by. The oil and filter was changed and serviced with 7 quarts of 100 Straight Mineral oil and a new CH48108-1 filter. An oil sample was collected for analysis by Aviation Oil Analysis of Phoenix; AZ. All spark plugs were cleaned, gapped, tested, rotated and re-installed with new gaskets. The fuel injectors were removed and re-installed after cleaning and inspection in accordance with GAMI Installation procedure number IP-2001-02 to comply with the Cirrus Design 25 hour inspection requirement. The magneto to engine timing was checked in accordance with TCM MSB94-8A. The engine controls were inspected in accordance with TCM SB95-2. This engine was ground run to verify performance criteria and inspected for any fluid leaks. There are no applicable Airworthiness Directives or Service Bulletin compliance requirements due at this time and date.

I have reviewed the maintenance file on this aircraft engine and accompanying discrepancy forms to affirm the maintenance or repair performed was in accordance with the appropriate FAA regulations and/or the Manufacturer's Maintenance Manuals, Service Bulletins or Service Instructions.

Russell Martin   
 FAA CRS 5CSR009B

Clear Star Aviation LLC  
 4765 Frank Luke Dr., Addison, Texas 75001  
 972-267-2376  
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N453CP CirrusSR22 S/N 3252  
 Engine: TCM IO-550N51 S/N 692049  
 02-26-2009 Total Time 23.1  
 Work Order: 112084

The turbocharger cable to slave wastegate was re-rigged and the wastegates and actuation rod assembly was lubricated. This engine was ground run to verify performance criteria and proper turbo charger system operation.

I have reviewed the maintenance file on this aircraft engine and accompanying discrepancy forms to affirm the maintenance or repair performed was in accordance with the appropriate FAA regulations and/or the Manufacturer's Maintenance Manuals, Service Bulletins or Service Instructions.

Russell Martin   
 FAA CRS 5CSR009B

Date	Total Time		Time Since Last Overhaul		<h2 style="margin:0;">Engine Service and Maintenance Record</h2> <p style="margin:0; font-size: small;">Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins</p>
	Hrs.	Min.	Hrs.	Min.	

Brought Forward	→				

ENGINE MODEL: ENGINE S/N: 692049 REG. NO: N453CP WORK ORDER: 112145	<b>Clear Star Aviation</b> Repair Station No. 5CSR009B 4765 Frank Luke Dr Addison, Texas 75001 Phone: 972-267-2376	DATE: 5/22/2009 A/C TSN: 35 ENG TT: 35 FLIGHTTIME: 35
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**Engine Entries**  
Inspected in accordance with the Cirrus 50hr Full Service Maintenance Program. The oil and filter was changed and serviced with 8 quarts of Aero Shell 15w-50 and a new CH48108-1 filter. An oil sample was collected for analysis by Aviation Oil Analysis of Phoenix, AZ. This engine was ground run to verify performance criteria and inspected for any fluid leaks.

Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 5/22/2009	SIGNED:	Work Order: 112145
Daw, Isaiah Certified Repair Station No. 5CSR009B		Printed by EBis 3 (datcomedia.com)

**TORNADO ALLEY TURBO INC.**  
300 AIRPORT RD  
ADA, OK 74820

**ENGINE LOG BOOK ENTRY**  
8 DEC 2010



**N453CP CIRRUS SR22-G3 SN: 3302 ACFT HOBBS: 88.0 FLIGHT: 66.0**  
**TCM IO-550-N SN: 692049 ENG TT: 66.0 ENG TSMOH: N/A**  
COMPLETED ANNUAL INSPECTION USING CIRRUS DESIGN CORPORATION SCHEDULED INSPECTION REPORT DATED 1 NOV 2009 AS A GUIDE. PERFORMED ALL INSPECTIONS AND MAINTENANCE AS REQUIRED BY THE TCM CONTINUED AIRWORTHINESS DOCUMENT.  
PERFORMED AIRWORTHINESS DIRECTIVE SEARCH USING AVANTEX DISC 2009-26.  
FOUND ALL AIRWORTHINESS DIRECTIVES COMPLIED WITH OR NOT APPLICABLE.  
PERFORMED CYLINDER DIFFERENTIAL COMPRESSION CHECK RESULTS WERE #1 74/80, #2 73/80, #3 72/80, #4 75/80, #5 75/80, AND #6 76/80.  
DRAINED ENGINE OIL AND RETAINED A SAMPLE FOR ANALYSIS. REMOVED OIL FILTER AND EXAMINED ELEMENT FOR CONTAMINATES. SERVICED ENGINE WITH 8 QUARTS OF AEROSHELL 15W50 OIL AND INSTALLED NEW CHAMPION OIL FILTER CH48108-1.  
CLEANED AND GAPPED ALL SPARK PLUGS. CHECKED AND ADJUSTED TIMING TO 22 DEGREES BTC.  
I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION.

DAVID R. LANDRETH A&P 2651512 IA

ENGINE MODEL: IO-550-N ENGINE S/N: 692049 REG. NO: N453CP WORK ORDER: 112822	<b>Clear Star Aviation</b> Repair Station No. 5CSR009B 4765 Frank Luke Dr Addison, Texas 75001 Phone: 972-267-2376	DATE: 8/14/2010 A/C TSN: 96.8 ENG TT: 96.8 FLIGHTTIME: 96.8
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**Engine Entries**  
The oil and filter was changed and serviced with 8 quarts of AeroShell 100W+ and a new CH48108-1 filter. An oil sample was collected for analysis by Aviation Oil Analysis of Phoenix, AZ.

Pertinent details of repair are on file at this Certified Repair Station 5CSR009B.

DATE: 8/14/2010	SIGNED:	Work Order: 112822
Daw, Isaiah Certified Repair Station No. 5CSR009B		Printed by EBis 3 (datcomedia.com)

