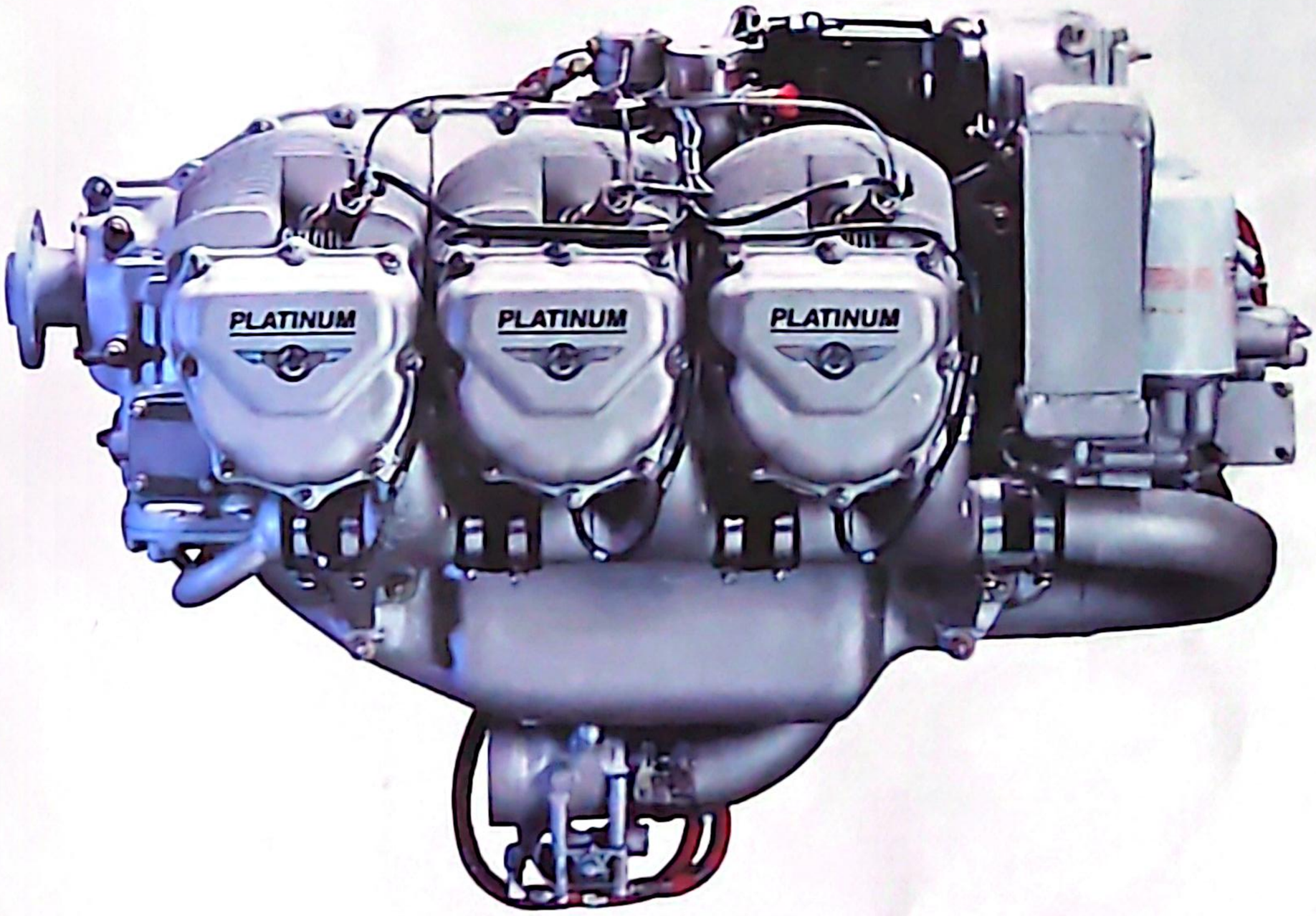
PLATINUM
ENGINE LOG BOOK



TELEDYNE

TM

CONTINENTAL MOTORS

Form No. ELB-01P

PLATINUM
ENGINE LOG BOOK

CONTINENTAL MOTORS

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

Piston code WP

Teledyne Continental Motors, Inc.
A Teledyne Technologies Company
Printed: 09/30/2006

This engine model I0550N42 , Serial No. 690057 was manufactured on 09/29/2006 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.

TCM 19

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.	

DLK AVIATION, INC.

2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
LOG ID# 8364 23-November-2006 WO# 6714
N363SR S/N 2226 CIRRUS SR22 Pg 1 / 1
HOBBS 27.3
TTENG 27.3

*** ENGINE LOG BOOK ***

COMPLETED CIRRUS 25 HOUR DEMO INSPECTION. REMOVED COWLING. INSPECTED COWLING - NO DEFECTS NOTED AT THIS TIME. DRAINED OIL. CHECKED AND REPLACED OIL FILTER - NO METAL NOTED. OIL SAMPLE TAKEN. CLEANED AND GAPPED SPARK PLUGS. INSPECTED OIL LINES AND FITTINGS. INSPECTED AIR INTAKE DUCT FOR CONDITION. INSPECTED EXHAUST - NO CRACKS NOTED AT THIS TIME. SERVICED WITH AEROSHELL 50/100 MINERAL OIL. WASHED ENGINE, RAN ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED.

MAINTENANCE RELEASE.
THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#6714 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed DK7R795J FOR DLK AVIATION, INC.

DLK AVIATION, INC.

2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
LOG ID# 8446 11-December-2006 WO# 6757
N363SR S/N 2226 CIRRUS SR22 Pg 1 / 1
HOBBS 55.0
TTENG 55.0

*** ENGINE LOG BOOK ***
REMOVED COWLING. INSPECTED COWLING - NO DEFECTS NOTED AT THIS TIME. DRAINED OIL. CHECKED AND REPLACED OIL FILTER - NO METAL NOTED. OIL SAMPLE TAKEN. CLEANED AND GAPPED SPARK PLUGS. REPLACED ONE SPARK PLUGS P/N RHB32S INSPECTED OIL LINES AND FITTINGS. INSPECTED AIR INTAKE DUCT FOR CONDITION. INSPECTED EXHAUST - NO CRACKS NOTED AT THIS TIME. SERVICED WITH AEROSHELL 15W50 OIL. WASHED ENGINE, RAN ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED.

MAINTENANCE RELEASE.
THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#6757 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed DK7R795J FOR DLK AVIATION, INC.

DLK AVIATION, INC.

2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
LOG ID# 8549 17-January-2007 WO# 7028
N363SR S/N 2226 CIRRUS SR22 Pg 1 / 1
HOBBS 100.3
TTENG 100.3

*** ENGINE LOG BOOK ***

COMPLETED CIRRUS 100 HOUR DEMONSTRATOR CARE PROGRAM. RAN ENGINE TO WARM OIL. DRAINED OIL. CHECKED AND REPLACED OIL FILTER - NO METAL NOTED. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH AEROSHELL 15W50 OIL. WASHED ENGINE, RAN ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED. INSPECTED AIR INTAKE DUCTS. INSPECTED BREATHER TUBE - OKAY. VISUALLY INSPECTED EXHAUST SYSTEM - NO CRACKS NOTED. OPS CHECKED ALTERNATE AIR DOOR. CHECKED FUEL SET AS DIRECTED PER TCM SID97-3C.

MAINTENANCE RELEASE.
THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#7028 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed DK7R795J FOR DLK AVIATION, INC.

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 →					

DLK AVIATION, INC.
2601 Cessna Lane Konnesaw, GA 30144 770-427-4954
LOG ID# 8881 06-Aprll-2007 WO# 7229
N363SR S/N 2226 CIRRUS SR22
HOBBS 150.2
TTENG 150.2

Pg 1 / 1

*** ENGINE LOG ENTRY ***
COMPLETED 150 HOUR DEMO INSPECTION AS DIRECTED BY CIRRUS DESIGN. REMOVED COWLING. INSPECTED COWLING - NO DEFECTS NOTED AT THIS TIME. DRAINED OIL. CHECKED AND REPLACED OIL FILTER - NO METAL NOTED. OIL SAMPLE TAKEN. CLEANED AND GAPPED SPARK PLUGS. INSPECTED OIL LINES AND FITTINGS. INSPECTED AIR INTAKE DUCT FOR CONDITION. INSPECTED EXHAUST - NO CRACKS NOTED AT THIS TIME. SERVICED WITH AEROSHELL 15W50 OIL. WASHED ENGINE, RAN ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED.

MAINTENANCE RELEASE.
THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#7229 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed DK7R795J FOR DLK AVIATION, INC.

ENGINE MODEL
ENGINE S/N 620057
REG. NO. 363SR
WORK ORDER
8941-05-2007

Cirrus Design Factory Service Center
Repair Station No. YD5R855Y
4515 Taylor Circle
Duluth, MN 55811
Phone 218-788-3101

DATE 5/14/2007
A/C TSN 225.1
ENG TT 225.1
HOBBS 225.1

Engine Entries

(5) Researched engine ADs through bi-weekly issue 2007-09, all ADs are incompliance at this time.... (10) Drained engine oil and removed oil filter, cut open oil filter and performed particulate inspection, no discrepancies noted on inspection. Installed new Champion oil filter P/N CH48108-1 and serviced engine with 8Qts of Aeroshell 15W50 oil, leak and operational check good. Work performed IAW cirrus mm chapter 12-10

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: 5/14/2007 SIGNED: Joseph Sullivan
Joseph Sullivan
Certified Repair Station No. YD5R855Y

Work Order: 8941-05-2007
Printed by EBis 3 (datcomedia.com)

10 JUN 2007	HOBBS AND TT'S		258.0		TURN ENGINE, PERFORM OPERATIONAL CHECKS ALL SYSTEMS.
IAW. MANUFACTURERS	SERVICE MANUALS		AND CIRRUS	100 HR. INSPECTION	FORM 13773-01,
(5.20). PERFORMED	DIFFERENTIAL		COMPRESSION TEST:	71, 73, 71, 75, 70, 72/80. DRAIN	
OIL AND DUCT FILTER	OPEN,	PRESENT.	INSTALL 8 QTS	15W50 AEROSHELL AND SAFETY	
WIRE CH48108-1	FILTER.	SONIC CLEAN	FUEL INJECTION	NOZZLES, INSTALLED CYL # 1	
NOZZEL FROM SET	#EQ 7478		ID550.	INSTALLED AND TORQUED	WITH NEW O-RINGS
C30979-9,	CLEAN	DYE & TEST	SPARK PLUGS.	INSPECTED MAGNETO CONTACTS &	
CHECK TIMING OK.	INSPECTED AND	TORQUE TO SPEC	EXHAUST AND	INTAKE SYSTEMS.	
TORQUE RODDER	COVER SCREWS.	INSPECT	ENGINE MOUNT	CUSHIONS OK,	SERVICED
HDS 2007-12 -	NON APPLY.	TURN	ENGINE,	OPERATIONAL AND	LOOKED OK. WASHED
ENGINE AND	LOOSE	CONTROLS.			

CURTISS AERO - DANBURY AIRPORT
203-743-4007

DATE 10 JUNE 07
TOTAL TIME AIRCRAFT 258.0
TOTAL TIME ENGINE 258.0
HRS SINCE 258.0 SMOH NEW 258.0

I Certify that this AIRCRAFT/[redacted] ENGINE, has been inspected in accordance with A[redacted] INSPECTION, and was determined to be in airworthy condition as of this date.
Date 10 JUNE 07 Total Time 2580
Signed [signature]
Devon Chapin, IA 67484333

2 HRS. IN LAST 12 MOS. 258.0

Engine Service and Maintenance Record

Date	Total Time Hrs.	Total Time Min.	Time Since Last Overhaul Hrs.	Time Since Last Overhaul Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward →					
8/1/7	337,2 HOBBS		266,2		FLIGHT AND TOTAL TIME
RUN ENGINE	DRAIN OIL		CUT FILTER		SEND SAMPLE, INSPECT
ENGINE,	COMPRESSIONS ON		#1-70	#3-68	#5-71 WAS A DOWN
ENGINE	INSTALL NEW		CH48108-1		+6 QTS PHILLIPS 20W50
INSPECT	RT EXHAUST		& MUFFLER,		RAN ENGINE OPERATIONAL
AND LEAK	CHECK OK		DM C-		A+P 67484333
9/4/7	314,8		FLIGHT		RAN ENGINE, DRAINED OIL SEND
SAMPLE	CUT FILTER		OK		INSTALL NEW CH48108-1 AND
INSTALL	8 QTS		AEROSHELL		15W50 RUN ENGINE, LEAK
AND OPERATIONAL			CHECK		OK DM C A+P 67484333
10/6/7	377,4		FLIGHT		AND TOTAL TIME RAN ENGINE, DRAINED
OIL SENT	SAMPLE,		CUT FILTER		OK, INSTALL NEW CH48108-1
FILTER AND	8 QTS		AEROSHELL		15W50 OIL, INSTALL
NEW REIFF	ENGINE		PREHEATER		OPERATIONAL CHECK OK
RAN ENGINE	LEAK		CHECK		OK,
			DM C		A+P 67484333

DATE:4-10-08 ENGINE HOBBS:545.6 FLT:472.3
INV# 3727,3737 N363SR MODEL. SR-22

1. PILOT REQUESTED OIL CHANGE, CHECK ENGINE HESITATIONWHEN ADDING POWER AND CHECK RPM FLUCTUATIONS WITH NO NOTICEABLE RPM INCREASE

2. DRAINED OIL CUT OPNED AND INSPECTED OIL FILTER NO METAL FOUND

3. SECURED OIL FILTER **AA48108**

4. SERVICED A/C WITH **8QTS AEROSHELL 15W-50**

5. TIGHTENED AIR FILTER INDUCTION MANIFOLD INTERCONNECT

6. REMOVED **S/N 142142** AND REPLACED **S/N 147011** TACH SENSOR **CIRRUS P/N 655862**

7. REPLACED #1 EXHAUST HEADER ASSMBLY **CIRRUS P/N 1580-001**

8. PERFORMED GROUND FUNTIONAL TESTS FOUND A/C AIRWORTHY

BERNARD PAQUETTE AP 44540037IA Bernard Paquette

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

CERTIFIED CIRRUS TRAINING CENTER

Curtiss Aero, LLC
Danbury Municipal Airport (KDXR)
19 Miry Brook Rd. Danbury CT 06810
P: (203) 743-4007 F: (203) 798-7567

air bp

AUTHORIZED CIRRUS LIMITED SERVICE CENTER

ANNUAL ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	W/O#	SERIAL NO.	HOBBS	FLIGHT	TTE
06/11/08	N363SR	Cirrus	SR22	3367	2226	571.4	497.6	571.4

Hours Logged In Last 12 Months:	313.4	SMOH	571.4	Last Annual Date:	June 10, 2007

Annual inspection performed IAW Cirrus maintenance manuals, Cirrus check list and FAR's.
AD's searched through Tdata 2008-12.

The following AD's were complied with: N/A.

The following services were provided: Oil and filter changed. Oil sample taken. Oil filter cut open. No debris found. Injectors serviced. Set up injectors. Engine was run-up. Operations check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (6) 640612 Injector Washer. (8) Qts. 15W-50 AeroShell Oil.

The following compression readings were taken: *L/C* 1) 70 2) 64 3) 72 4) 70 5) 73 6) 74

I certify that this engine has been inspected IAW an Annual Inspection, and was determined to be airworthy condition of the date shown above.

Authorized Signature:		Devon Chapin A&P67484333IA

CERTIFIED CIRRUS TRAINING CENTER

Curtiss Aero, LLC
Danbury Municipal Airport (KDXR)
19 Miry Brook Rd. Danbury CT 06810
P: (203) 743-4007 F: (203) 798-7567

air bp

AUTHORIZED CIRRUS LIMITED SERVICE CENTER

ANNUAL ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	W/O#	SERIAL NO.	HOBBS	FLIGHT	TTE
07/09/09	N363SR	Cirrus	SR22	3600	2226	607.8	534	607.8

Hours Logged Since Last Annual:	36.4	SMOH	607.8	Last Annual Date:	June 11, 2008

Annual inspection performed IAW Cirrus maintenance manuals, Cirrus check list and FAR's.
AD's searched through Tdata 2009-16.

The following AD's/SB's were complied with: N/A

The following services were provided: Oil and filter changed. Oil sample taken. Oil filter cut open. No debris found. Tighten rocker covers. Check magneto timing. Inspect exhaust system and engine mounts. Injectors serviced. Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8) Qts. 20W-50 ~~Aeroshell~~ PHILLIPS. (6) X1473 TCM Injector Gaskets (6) 640612 Rubber Washers. (6) 630979-9 O-rings. (12) M674 Spark Plug Gaskets.

The following compression readings were taken: *L/C* 1) 67 2) 70 3) 72 4) 64 5) 72 6) 70

I certify that this engine has been inspected IAW an Annual Inspection, and was determined to be airworthy condition of the date shown above.

Authorized Signature:		Devon Chapin A&P67484333IA

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 →					

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
19 Miry Brook Rd. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 798-7567

CIRRUS AIRCRAFT

50 HR. ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	SMOH	W/O #
4/1/10	N363SR	T.C.M.	IO550N42	690057	663.2	589.5	589.5	

50 hr. inspection performed IAW manufactures service manuals and FAR's.
AD's searched through Tdata 2010-06.

The following AD's/SB's were complied with: N/A

The following services were provided: Engine was run up. Oil drained. Sample taken. Oil and filter changed. Oil filter cut open, no debris noted. Torque rocker cover screws. Inspect exhaust system and engine mount. Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Phillips X/C Oil.

I certify that this engine has been inspected IAW the manufactures service manuals / FAR's and was determined to be in a airworthy condition for the work accomplished on the date shown above.

Authorized Signature: [signature] Devon Chapin A&P 6748423314

CURTISS AERO

DATE	TAIL NO.	M
7/29/10	N363SR	T.

Hours Logged Since Last Annu

Annual Inspecti

The following AD's/SB's were

The following services were pr
changed. Oil filter cut open, no
Installed overhauled magnetos
mounts. Engine was run up. Op

The following new parts have
(6) X1473 Gaskets. (6) 630979-

The following compression rea

I certify that this e

Authorized Signature:

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	37676

4. Organization Name and Address:	FAA/PMA	5. Work Order/Contract/Invoice Number:
Teledyne Continental Motors, 2039 Broad Street, Mobile, Alabama 36601		Ops 143799 Com 0000029291

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	BL-MAGNETO, S6RSC-25	BL-500556-1	N/A	1	See Block 13	See Block 13

13. Remarks:

RETURN TO SERVICE, Rebuilt to Original PAH's Specifications

Serial/Batch Number(s):

Serial	Description
D10BA073R	BL-MAGNETO, S6F

14. Certifies the items identified above were manufactured in conformity to:

☐ Approved design data and are in condition for safe operation.

☐ Non-approved design data specified in Block 13.

19. ☐ 14 CFR 43.9 return to Service ☒ Other regulation specified in Block 13

Certifies that unless otherwised specified in Block 13, the work identifed in Block 12 and descripted 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: Daniel L Nicholas	21. Approval/Certificate No.: PQ1269CE
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): Daniel L. Nicholas	23. Date (m/d/y): Mar/01/2010

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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Block 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 user/installer before aircraft may be flown.

AUTHORIZED RELEASE CERTIFICATE

FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking N
FAA/United States		40(

4. Organization Name and Address:	FAA/PMA	5. Work Order/Contract/Invoi
Teledyne Continental Motors, 2039 Broad Street, Mobile, Alabama 36601		145954 00(

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	BL-MAGNETO, S6RSC-25	BL-500556-1	N/A	1	See Block 13	See Bloc

13. Remarks:

RETURN TO SERVICE, Rebuilt to Original PAH's Specifications

Serial/Batch Number(s):

Serial	Description
D10BA110R	BL-MAGNETO, S6F

14. Certifies the items identified above were manufactured in conformity to:

- ☐ Approved design data and are in condition for safe operation.
- ☐ Non-approved design data specified in Block 13.

9. ☐ 14 CFR 43.9 return to Service ☒ Other regulation specified in Block 13

Certifies that unless otherwised specified in Block 13, the work identifed in Block 12 and descripted 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: Daniel L Nicholas	21. Approval/Certificate No.: PQ1269CE
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): Daniel L. Nicholas	23. Date (m/d/y): Mar/10/2010

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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Block 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 user/installer before aircraft may be flown.

Eight

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 →					

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
19 Miry Brook Rd. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 798-7567

CIRRUS AIRCRAFT

50 HR. ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	SMOH	W/O #
4/1/10	N363SR	T.C.M.	IO550N42	690057	663.2	589.5	589.5	

50 hr. Inspection performed IAW manufactures service manuals and FAR's.
AD's searched through Tdata 2010-06.

The following AD's/SB's were complied with: N/A

The following services were provided: Engine was run up. Oil drained. Sample taken. Oil and filter changed. Oil filter cut open, no debris noted. Torque rocker cover screws. Inspect exhaust system and engine mount. Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Phillips X/C Oil.

I certify that this engine has been inspected IAW the manufactures service manuals / FAR's and was determined to be in a airworthy condition for the work accomplished on the date shown above.

Authorized Signature: [signature] Devon Chapin A&P67484333IA

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
19 Miry Brook Rd. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 798-7567

CIRRUS AIRCRAFT

ANNUAL ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	TTE
7/29/10	N363SR	T.C.M.	IO550N42	690057	698.8	616.2	616.2

Hours Logged Since Last Annual: 82.2 **W/O #** **Last Annual Date:** 7/9/09

Annual inspection performed IAW Cirrus maintenance manuals, Cirrus check list and FAR's.
AD's searched through Tdata 2010-15.

The following AD's/SB's were complied with: N/A

The following services were provided: Engine was run up. Oil drained. Sample taken. Oil and filter changed. Oil filter cut open, no debris noted. Sonic clean injectors. Clean, gap, and test spark plugs. Installed overhauled magnetos. (See Tags) Check magneto timing. Inspect exhaust system and engine mounts. Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Phillips X/C Oil. (6) X1473 Gaskets. (6) 630979-9 O-rings. (6) 640612 Seals. (12) M674 Spark Plug Gaskets.

The following compression readings were taken: ***L/C*** **1)72 2)67 3)73 4)66 5)65 6)74**

I certify that this engine has been inspected IAW an Annual Inspection, and was determined to be airworthy condition on the date shown above.

Authorized Signature: [signature] Devon Chapin A&P67484333IA

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

Bro

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
19 Miry Brook Rd. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 798-7567

CIRRUS AIRCRAFT

50 HR. ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	SMOH	W/O #
10/18/10	N363SR	T.C.M.	IO550N42	690057	762.4	674.4	674.4	

50 hr. inspection performed IAW the manufactures service manuals, Cirrus 50 hr. service check list, and part 43 Appendix D. AD's searched through Tdata 2010-21.

The following AD's/SB's were complied with: N/A

The following services were provided: Engine was run up. Oil drained. Sample taken. Oil and filter changed. Oil filter cut open, no debris noted. Torque rocker cover screws. Inspect exhaust system and engine mount. Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Phillips X/C Oil.

I certify that this engine has been serviced IAW the manufactures service manuals / FAR's and was determined to be in a airworthy condition for the work accomplished on the date shown above.

Authorized Signature: D m C Devon Chapin A&P67484333IA

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
19 Miry Brook Rd. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 798-7567

CIRRUS AIRCRAFT

GENERAL REPAIR LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	TTAF	W/O #
3/18/11	N363SR	Cirrus	SR22	2226	795.0	705.5	705.5	

The following services were provided: Troubleshoot engine roughness. Sonic clean injectors. Clean and test spark plugs. Install new bottom number four spark plug. Engine was run up. Operations and leak check OK.

The following new parts have been installed: (6) X1473 Gaskets. (6) 63097-9 O-rings. (6) 640612 Gaskets. (1) RHB32S Spark Plug.

I certify that this aircraft / engine has been inspected IAW with the manufactures service manuals / FAR's and was determined to be in a airworthy condition for the work accomplished at the date shown above.

Authorized Signature: D m C Devon Chapin A&P67484333IA

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
19 Miry Brook Rd. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 798-7567

CIRRUS AIRCRAFT

GENERAL REPAIR LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	TTAF	W/O #
5/9/11	N363SR	TCM	IO550N42	690057	803.9	712.4	712.4	4016

The following services were provided: Removed engine for IRAN.

The following new parts have been installed: N/A

I certify that this aircraft / engine has been inspected IAW with the manufactures service manuals / FAR's and was determined to be in a airworthy condition for the work accomplished at the date shown above.

Authorized Signature: D m C Devon Chapin A&P67484333IA

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: 10-55

Engine S/N:

Engine Time:

This engine was disassembled, cleaned
Teledyne Mattituck Special Process Sl

Complied with the following Service I
MSB96-10A, SID
SIL 93-15, 639

Complied with the following AD Note

This engine is airworthy and returned

Work Order: 3381

Form RS-061 Rev (April 2011)

Engine Component Seria

ITEM
Camshaft
Crankshaft
Crankcase
Connecting Rod
Connecting Rod
Connecting Rod
Connecting Rod
Connecting Rod
Connecting Rod
Cylinder -1
Cylinder-2
Cylinder-3
Cylinder-4
Cylinder-5
Cylinder-6

Form RS-062 Rev (April 2011)

| | | | | |

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:	Engine S/N:	Engine Time:
10-550-N	690057	712.4

Mattituck Services Inc.
FAA Repair Station T10R834B
410 Airway Drive
Mattituck, New York 11952

This engine was disassembled, cleaned, inspected and repaired as necessary. Parts replaced per the supplied parts list. Engine reassembled and test cell run Teledyne Mattituck Special Process SP1012C.

Complied with the following Service Bulletins: CSB66B, MSB94-8D, SB97-6B, SB09-7, SB00-13, MSB96-10A, SID97-3E, SB08-4, SB96-7C, SID97-4C, S.L.99-1, CSB97-, SIL 93-15, 639 M93-B, M93-4, M91-9, M87-23, M76-4

Complied with the following AD Notes: NONE APPLICABLE AT THIS TIME

This engine is airworthy and returned to service with respect to the work performed.

Work Order:	Authorized Signature:
33817	Matthew P. Russell 5-27-20

Form RS-061 Rev (April 2011)

Engine Component Serial Number Summary:

ITEM	Serial Number	Item	Serial Number
Camshaft	89535	Left Magneto	D10BA073R
Crankshaft	NO 6GA422	Right Magneto	D10BA110R
Crankcase	R06HA430	Starter	06800047
Connecting Rod	AE051A677	Manifold Valve	C061A122
Connecting Rod	AE051B064	Fuel Pump	B061A137
Connecting Rod	AE051B123	Metering Unit	A061A107
Connecting Rod	AE051B073	Oil Cooler	C119345-10
Connecting Rod	AE051A679	Alternator	N/A
Connecting Rod	AE051A636	Turbocharger	N/A
Cylinder -1	A.C06HB584	Turbocharger	N/A
Cylinder-2	AC06HB620	Turbo Controller	N/A
Cylinder-3	AC06HB569	Turbo Controller	N/A
Cylinder-4	AC11AB825	Overboost Valve	N/A
Cylinder-5	AC06HB733	Wastegate	N/A
Cylinder-6	AC06HB728		

Form RS-062 Rev (April 2011)

Mattituck Services Inc
410 Airway Drive
Mattituck, NY 11952

ENGINE REPAIR OR OVERHAUL WORK ORDER

FAA REPAIR STATION: T10R834B

DATE: 27-MAY-11	WORK ORDER: 33817
ENGINE MODEL: IO-550-N	ENGINE SERIAL NUMBER: 690057
DESCRIPTION OF WORK TO BE ACCOMPLISHED:	CORRECTIVE ACTION TAKEN
1. INSPECT ENGINE FOR WORN CAMSHAFT AND LIFTERS	ENGINE DISASSEMBLED, CLEANED, INSPECTED AND REPAIRED AS NECESSARY.
2. COMPLY WITH APPLICABLE SERVICE BULLETINS.	COMPLIED WITH, SEE LOG ENTRY AND SERVICE BULLETIN LIST.
3. COMPLY WITH APPLICABLE AIRWORTHINESS DIRECTIVES	NONE APPLICABLE AT THIS TIME
4. REPLACE PARTS AS NECESSARY	SEE PARTS LIST.
5.	
6.	
7.	

AUTHORIZED SIGNATURE : Charles P. Russell

FORM RS-063 Rev (April 2011)

Compliance	SB	AD REFERENCE	SB/AD Date	Subject
n/a	SB11-3		3/18/2011	ALTERNATOR AND DRIVE COUPLING INSTALLATION
n/a	SB11-2		1/13/2011	HARTZELL ENGINE TECHNOLOGIES SERVICE INFORMATION LETTER A-135
p/c/w	SB08-3A		7/30/2010	THROTTLE AND MIXTURE CONTROL ARMS
n/a	SIL10-6		7/30/2010	OIL COOLER AND VERNATHERM CONTROL VALVE FOR CERTAIN ENGINES EXPERIENCING LOW OIL TEMPERATURES
n/a	SID10-4		7/21/2010	ENGINE MAINTENENCE FOR VOLCANIC ASH CONTAMINATION
n/a	MSB10-3	10/7/2008	5/18/2010	KELLY AEROSPACE SERVICE BULLETIN 039-A
n/a	SIL04-12A		5/18/2010	TCM AUTHORIZED ENGINE ADJUSTMENTS, COMPONENT REPLACEMENT AND REPOSITIONING OF FITTING ORIENTATION
c/w	CSB668		5/18/2010	INSPECTION OF IGNITION HARNESS ATTACHMENT PLATE
c/w	MSB94-8D	7/4/2025	2/17/2010	MAGNETO TO ENGINE TIMING
n/a	MSB09-8A		12/4/2009	INSPECTION AND REMOVAL OF CERTAIN TCM ENGINE HYDRAULIC LIFTERS
c/w	SB97-6B		11/18/2009	MANDATORY REPLACEMENT PARTS
n/a	SB09-14		10/16/2009	CRANKSHAFT CORROSION TREATMENT
n/a	SB09-12		10/16/2009	KELLY AEROSPACE ENERGY SYSTEMS SERV BULL 038A INSPECTION OF SLIP RING END HOUSING FOR CRACKS ES1024-1, TCM 646802
n/a	CSB09-11		9/25/2009	MINIMUM CRUISE RPM LIMITS
p/c/w	SB05-8A		7/16/2009	IMPROVED CAMSHAFT GEAR P/N 656818
c/w	SB09-7		7/16/2009	POTENTIAL PUSH ROD SEAL LEAKAGE
n/a	SB08-8B		4/10/2009	SLICK SERVICE BULLETIN SB0-08A
c/w	SB08-13		10/14/2008	INDUCTION SYSTEM HOSE AND CLAMP INSTALLATION
n/a	CSB08-9A		10/14/2008	SLICK SERVICE BULLETIN SB03-8A
c/w	MSB96-10A	97-26-17	10/14/2008	CRANKSHAFT ULTRASONIC INSPECTION
n/a	CSB08-11		7/16/2008	KELLY AEROSPACE POWER SYSTEMS BULLETIN 033
n/a	SB96-11B		7/10/2008	PROPELLER STRIKES AND HYDRAULIC LOCKS
c/w	SID97-3E		6/25/2008	PROCEDURES AND SPECIFICATIONS FOR ADJUSTMENT OF TELEDYNE CONTINENTAL MOTORS (TCM) CONTINOUS FLOW FUEL INJECTION SYSTEMS
c/w	SB08-4		3/14/2008	FUEL INJECTION SYSTEM CONTAMINATION
c/w	SB08-4		3/14/2008	FUEL INJECTION SYSTEM CONTAMINATION
p/c/w	SB07-1		3/19/2007	CONNECTING ROD PISTON PIN BUSHING INSTALLATION
n/a	SB663A		2/5/2007	TWO WIRE MAGNETO TACHOMETER BREAKER (CONTACT) POINTS ASSEMBLY PART NUMBER 10-400507
n/a	X-09-06		9/26/2006	ACTIVE SERVICE BULLETIN INDEX
n/a	SIL93-11A		9/20/2006	SERVICE DOCUMENT FORMAT
n/a	SIL06-3		5/1/2006	CRANKSHAFT GEAR RETAINING SCREW
n/a	SB06-1A		4/28/2006	TELEDYNE CONTINENTAL MOTORS (TCM) FUEL SYSTEM FUEL NOZZLE INSPECTION AND REPLACEMENT
n/a	SIL99-2B		10/20/2005	CURRENT LISTING OF SEALANTS, LUBRICANTS & ADHESIVES AUTHORIZED BY TCM
n/a	SB05-9		10/20/2005	SLICK SERVICE BULLETIN SB1-88B
n/a	SB643B		4/12/2005	MAINTENANCE INTERVALS FOR ALL TCM AND BENDIX AIRCRAFT MAGNETOS AND RELATED EQUIPMENT
n/a	SIL642B		3/10/2005	MANUFACTURING NUMBER (SERIAL NUMBER) INTERPRETATION
c/w	SB96-7C		2/9/2005	TORQUE LIMITS
n/a	SB05-2		2/9/2005	OVERSPEED LIMITATIONS
n/a	SIL05-3		2/9/2005	ENGINE SPECIFICATION NUMBERS
n/a	SB04-11		11/2/2004	VALVE GUIDE APPLICATION, INSTALLATION AND REAMING PROCEDURES
n/a	SIL00-9A		9/10/2004	ENGINE DATA PLATES
n/a	CSB04-5A		8/30/2004	TELEDYNE CONTINENTAL MOTORS IGNITION SYSTEMS CRITICAL SERVICE BULLETIN CSB665A
n/a	SIL00-11B		5/24/2004	RELEASE OF NEW CYLINDER INDUCTION PORT DRAIN CONNECTOR
n/a	SID97-2B		4/19/2004	THIS SERVICE INFORMATION DIRECTIVE (SID) SUMMARIZES INFORMATION PERTINENT TO THE DESIGN, OPERATION, MAINTENANCE AND WARRANTY
n/a	SIL04-2		3/30/2004	CYLINDER BARREL ULTRASONIC INSPECTION
n/a	SIL98-9A		3/28/2003	TIME BETWEEN OVERHAUL PERIODS. (TBO)
n/a	SB03-3		3/28/2003	DIFFERENTIAL PRESSURE TEST AND BORESCOPE INSPECTION PROCEDURES FOR CYLINDERS.
n/a	SIL03-1		1/28/2003	COLD WEATHER OPERATION - ENGINE PREHEATING
n/a	CSB02-2C		12/11/2002	STARTER ADAPTER SHAFT SEAL INSPECTION.
n/a	SB01-3A		12/10/2002	TELEDYNE CONTINENTAL MOTORS P/N 649304A1 AND P/N 649305A1 GEAR-DRIVEN ALTERNATORS.
n/a	SIL02-6A		10/25/2002	PRODUCTION RELEASE OF OPTIONAL INTAKE AND EXHAUST VALVES.
n/a	CSB02-8		9/6/2002	TELEDYNE CONTINENTAL MOTORS IGNITION SYSTEM CRITICAL SERVICE BULLETIN CSB664.
n/a	CSB664		9/6/2002	MAGNETO CAPACITOR P/N 10-400558 REPLACEMENT.
p/c/w	SIL02-4		4/2/2002	PRODUCTION RELEASE OF NEW LIGHT WEIGHT STARTER MOTORS.
n/a	SB02-3		1/31/2002	MAGNETO TACHOMETER SENSORS.
n/a	MSB00-5D	00-08-51	10/17/2001	CRANKSHAFT MATERIAL INSPECTION.
n/a	CSB01-1		4/25/2001	FUEL PUMP INSPECTION AND SEAL LEAK TEST.
n/a	SIL00-7A		2/5/2001	OIL GAUGE ROD APPLICATION.

n/a	SB00-10		12/19/2000	FUEL PUMP SEAL P/N 649198.
n/a	SB00-4A		3/7/2000	AUSTRALIAN AVGAS CONTAMINATION.
n/a	SB99-8		11/18/1999	ENGINE FUEL INJECTION SYSTEM PRESERVATION.
n/a	SIL661		9/15/1999	BL - PREFIX MARKING ON REBUILT MAGNETOS AND REBUILT D-3000 IGNITION SYSTEMS.
n/a	SIL98-6B		8/23/1999	FUEL INJECTION SYSTEM APPLICATION GUIDE.
n/a	MSB99-3C	99-09-17	7/27/1999	CRANKSHAFT INSPECTION.
c/w	SID97-4C		4/1/1999	CYLINDER BORE AND PISTON FIT SPECIFICATIONS.
c/w	SIL99-1		3/25/1999	ENGINE PRESERVATION FOR ACTIVE AND STORED AIRCRAFT.
n/a	SIL98-5		6/12/1998	PRODUCTION RELEASE OF P/N 654837A1 CAMSHAFT ASSEMBLY.
n/a	SIL98-3A		6/12/1998	PRODUCTION RELEASE OF NEW INTAKE AND EXHAUST VALVE SPRINGS.
n/a	CSB98-1B		6/1/1998	INTAKE AND EXHAUST VALVE INSPECTION.
n/a	SB660		12/5/1997	POSSIBLE MALFUNCTION IN CERTAIN PUSH-TO-START IGNITION/STARTER SWITCHES.
n/a	SB97-15		12/5/1997	TCM IGNITION SYSTEM SERVICE BULLETIN SB660.
n/a	SIL657A		10/9/1997	SUPERSEDURE OF P/N 10-163136 AND 10-361638 COVERS AND OF 10-361637 COVER KIT.
p/c/w	SB97-11		8/10/1997	INSTALLATION OF SINGLE PIECE ROCKER ASSEMBLY BUSHINGS PART NUMBERS 652129 AND 652963.
c/w	CSB97-10A		7/15/1997	PISTON PIN PLUG WEAR.
n/a	SIL97-1		1/3/1997	AIRWORTHINESS LIMITATIONS.
n/a	SB96-12		9/10/1996	CONTINUED AIRWORTHINESS INSTRUCTIONS FOR TCM CYLINDERS.
n/a	SB658		8/16/1996	DISTRIBUTOR GEAR MAINTENANCE.
n/a	SID96-6		5/3/1996	TCM IGNITION SYSTEMS SERVICE BULLETIN SB653.
n/a	SB95-7		12/8/1995	MANIFOLD VALVE COVER INSPECTION
n/a	SIL95-5		8/30/1995	HOSE AND TUBING INSTALLATION.
n/a	SB653		5/23/1995	HOT MAGNETO TEST
n/a	SB95-2		4/21/1995	INSPECTION AND MAINTENANCE OF ENGINE CONTROL CABLES AND LINKAGE
n/a	SIL648		10/18/1994	OPTIONAL CONVERSION TO "SHOWER-OF-SPARKS" IGNITION
n/a	SIL94-5		6/14/1994	MOBIL AV1 OIL
n/a	MSB645	96-12-07	4/4/1994	INSPECTION OF RIVETED IMPULSE COUPLINGS AND STOP PINS
p/c/w	SB94-2		2/10/1994	OIL FILTER ADAPTER MOUNTING STUD
n/a	SIL640		2/1/1994	NEW SERVICE DOCUMENT FORMAT
c/w	SIL93-15		9/13/1993	GENERAL PRACTICES FOR USE OF LOCK WIRE, TAB WASHERS AND COTTER PINS.
n/a	SIL93-14		8/17/1993	CFC WARNING STATEMENT
c/w	639	96-12-07	3/1/1993	PROPER INSTALLATION OF IMPULSE COUPLINGS
c/w	M93-8		2/19/1993	ROCKER ARM TO ROTOCOIL CLEARANCE
c/w	M93-4		2/12/1993	CRANKSHAFT COUNTERWEIGHTS
n/a	M92-12		8/27/1992	NEW AND REBUILT ALTERNATOR THRU-BOLT TORQUE INSPECTION, P/N'S 649304, 649305 (WITH DRIVE COUPLING), 649304R AND 649305R (WIT
n/a	636		8/1/1992	BENDIX/TCM IGNITION SWITCH INSPECTION
p/c/w	M92-9		5/29/1992	FLANGED .500 THRU BOLT NUT, P/N 652541
n/a	M92-7		5/26/1992	CRANKCASE CYLINDER DECK STUDS
c/w	M91-9		8/9/1991	CAM AND LIFTER LUBRICATION DURING ENGINE BUILD
n/a	635		5/1/1991	GOLD SEAL HARNESS
n/a	M90-13		7/16/1990	EXHAUST VALVE STEM CORROSION/EROSION
n/a	631		9/1/1989	RECOMMENDED LUBRICANT FOR TAPERED DRIVE ON TCM MAGNETOS
n/a	M89-18		8/10/1989	EXHAUST GAS TEMPERATURE (E.G.T.) RECOMMENDATIONS FOR STANDARD ENGINES (LEANING LEAN)
n/a	M89-7R1		8/4/1989	ENGINE OPERATION AFTER CYLINDER REPLACEMENT AND/OR MAJOR OVERHAUL
n/a	M89-9		4/21/1989	EXCESSIVE CRANKCASE PRESSURES
n/a	M88-10	95-21-15	8/24/1988	CONTAMINATED FUELS
n/a	M88-9		8/24/1988	LIGHTNING STRIKES
c/w	M87-23		11/24/1987	CRANKSHAFT COUNTERWEIGHT IDENTIFICATION AT OVERHAUL
n/a	M87-16		8/14/1987	SLICK SERVICE BULLETIN SB1-86A
n/a	M87-15		7/13/1987	ALTERNATOR GROUND STRAP
n/a	M81-25		11/30/1981	EXHAUST FLANGE TO CYLINDER INSTALLATION PROCEDURES
c/w	M76-4		3/12/1976	INSTALLATION INSTRUCTIONS FOR PROPELLER SHAFT OR CRANKSHAFT OIL SEALS
n/a	556C	74-26-09	7/1/1975	SHOULDERED MAGNETO DRIVE SHAFT BUSHING, CHANGE FROM SINTERED IRON TO MACHINED STEEL
n/a	M74-18	74-08-05	9/16/1974	COMPLIANCE WITH SLICK BULLETIN 1-74
n/a	M71-14	74-18-05	6/21/1971	SLICK SERVICE BULLETIN NO. 1-71
n/a	M70-11		6/22/1970	SLICK ELECTRO BULLETIN 1-70
n/a	M64-18		10/7/1968	FIELD CONVERSION TO TURBOCHARGING OF CONTINENTAL AIRCRAFT ENGINES

	Air Worthiness Directives Listings			
n/a		2000-23-21	12/12/2000	CRANKSHAFT MATERIAL INSPECTION
n/a		99-19-01	9/30/1999	TCM ENGINE - CRANKSHAFT ULTRASONIC INSPECTION
n/a		70-14-07	11/22/1974	TCM ENGINE - FUEL INJECTION PUMP ADJUSTABLE BYPASS NEEDLE

DATE 27-MAY-11

W/O NO. 33817

CUST. CURTISS

MFG. CONTINENTAL

LOG OF AIRCRAFT ENGINE TEST

MATTITUCK SERVICES Inc.
Mattituck, N.Y., U.S.A
UNITED STATES FEDERAL AVIATION ADMINISTRATION
APPROVED REPAIR STATION NO. T10R834B

MM ( ) SS ( )
MH ( ) MISC ⋈

Engine Total Time 712.4 HRS

Model	IO-550-N	Starter Serial	06800047	Manifold Valve	VISUAL INSP C061A12
Serial No.	690057	Gen/Alt Model	N/A	Nozzle Ident	HIS FLOWED
S.L. RatedH.P.@ R.P.M.	310@2700	Gen/Alt Serial	N/A	Mag. Model	VISUAL INSP
FuelOctane	AVGAS 100	Carb. Model	N/A	R.H. Mag Serial	D10BA110R
Fuel Pump Model	VISUAL INSP	Carb. Serial	N/A	L.H. Mag Serial	D10BA023R
Fuel Pump Serial	B061A137	Fuel Inj. Model	VISUAL INSP	Ign Timing	22°
Starter Model	VISUAL INSP	Fuel Inj. Serial	A061A107	Spark Plugs	TEST CELLS

TIME		POWER		OIL SYSTEM			FUEL SYSTEM			ATMOSPHERE					CYLINDER HEAD TEMP								E
Read-ing	Min.	RPM	M.P.	Press. PSI	Temp °F	Cons lbs/hr	Flow pph/gph	Nozzle Press	Pump Press	Room °F	Inlet °F	Turbo Press	Case Press	Corr. Bar.	No.1	No.2	No.3	No.4	No.5	No.6	No.7	No.8	R/
1	3	1000	WA	RM-	UP																		
2	10	1200	12	52/46	124	N/A	18	N/A	12.8	77	N/A	N/A	N/A	30.0	192	210	213	210	200	188	N/A	N/A	8
3	10	1500	14	43/40	160		26		16.4	80				30.0	232	253	229	266	226	195			98
4	10	1800	16	46/44	167		40		19.0	82				30.0	255	283	241	259	247	211			10
5	10	2000	17	48/46	170		53		23.6	81				30.0	260	290	248	286	262	215			11
6	10	2200	19	48/46	178		73		28.6	82				30.0	267	300	265	305	273	222			11
7	10	2400	21	49/47	170		96		30.0	83				30.0	280	314	281	328	281	236			12
8	15	2700	23/27	50/48	175		120/152		32.0	84				30.0	290	323	288	341	303	242			12

COMPRESSION TEST								N/A	N/A	ENGINE PERFORMANCE TEST			
	80	80	80	80	80	80	80	80	Both Mags	R.P.M.	1800		
CYLINDER TYPE	Chrome	Steel	Nitride	Cerminil	TEST CLUB NO.	#6 wood = 14M27'			R.H	1720	L.H.	1720	
		*							Drop R.	80	L.H.	80	
OIL FILTER/SCREEN INSP OK					Idle Speed				Idle Mixture		Fuel Cut Off		
				XR		YR				YR		YR	

TEST OPERATOR

ACCEPTED

Form RS-24 rev. (April 2011)

AUTHORIZED RELEASE CERTIFICATE

FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States		129414

4. Organization Name and Address:	PC #508	5. Work Order/Contract/Invoice Number:
Continental Motors, 2039 Broad Street, Mobile, Alabama 36615		DN 216683 Cust 0000060004

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	CAMSHAFT-KIT (OPTION 2)	EQ7003	N/A	2	See Block 13	New

13. Remarks:

AIRWORTHINESS APPROVAL

Serial/Batch Number(s):

Serial	Description
89535 ✓	CAMSHAFT-KIT (C

14. Certifies the items identified above were manufactured in conformity to:

[X] Approved design data and are in condition for safe operation.

[ ] Non-approved design data specified in Block 13.

19. [ ] 14 CFR 43.9 return to Service [ ] Other regulation specified in Block 13

tifies that unless otherwised specified in Block 13, the work identifed in Block 12 and descripted in Block 13 was omplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are proved for return to service.

15. Authorized Signature:	16. Approval/Authorization No.:	20. Authorized Signature:	21. Approval/Certificate No.:
Daniel L Nicholas	DMIR-511010-CE		
17. Name (Typed or Printed):	**18. Date (m/d/y):**	**22. Name (Typed or Printed):**	**23. Date (m/d/y):**
Daniel L. Nicholas	May/16/2011		

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically institute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airw hiness authority different than the airworthiness authority of the country specified in B 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts omponents/assemblies from the airworthiness authority of the country specified in Blo

Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft aintenance records must contain an installation certification issued in accordance with national regulations by user/installer before aircraft may be flown.

DRAFT

Brought Forward

AUTHORIZED RELEASE CERTIFICATE

FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Number:
FAA/United States	PC #508	128933

4. Organization Name and Address:

Continental Motors, 2039 Broad Street, Mobile, Alabama 36615

5. Work Order/Contract/Invoice Number: 216168 Line 0000059746

6. Item:	7. Description:	8. Part Number:	9. Eng	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	COOLER-OIL 7.63 DECONG.	654585	A	1	See Block 13	New

13. Remarks:

AIRWORTHINESS APPROVAL

Serial/Batch Number(s):

Serial	Description
C11-9345-105	COOLER-OIL 7.63 I

14. Certifies the items identified above were manufactured in conformity to:

[X] Approved design data and are in condition for safe operation.

[ ] Non-approved design data specified in Block 13.

[ ] 14 CFR 43.9 return to Service [ ] Other regulation specified in Block 13

fies that unless otherwised specified in Block 13, the work identifed in Block 12 and descripted in Block 13 was mplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are oved for return to service.

15. Authorized Signature:	16. Approval/Authorization No.:	horized Signature:	21. Approval/Certificate No.:
	DMIR-832497-CE		
17. Name (Typed or Printed):	18. Date (m/d/y):	me (Typed or Printed):	23. Date (m/d/y):
Joseph Trowbridge	May/13/2011		

User/Installer onsibilities

It is important to understand that the existence of this document alone does not automatically titute authority to install the part/component/assembly.

Where the user/installer performs work in accordance with the national regulations of an airness authority different than the airworthiness authority of the country specified in Bloc 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts part ponents/assemblies from the airworthiness authority of the country specified in Block

Statements in Block 14 and 19 do not constitute installation certification. In all cases, aircraft tenance records must contain an installation certification issued in accordance with the national regulations by user/installer before aircraft may be flown.

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

Engine Model:	Engine S/N:	Engine Time:
10-550-N	690057	71

Mattituck Services Inc.
FAA Repair Station T10R834B
410 Airway Drive
Mattituck, New York 11952

This engine was disassembled, cleaned, inspected and repaired as necessary. Parts replaced per the supplied parts list. Engine reassembled an Teledyne Mattituck Special Process SP1012C.

Complied with the following Service Bulletins: CSB66B, MSB94-8D, SB97-6B, SB09-7, S MSB96-10A, SID97-3E, SB08-4, SB96-7C, SID97-4C, S.L 99-1, SIL 93-15, 639 M93-B, M93-4, M91-9, M87-23, M76-4

Complied with the following AD Notes: NONE APPLICABLE AT THIS TIME

This engine is airworthy and returned to service with respect to the work performed.

Work Order:	Authorized Signature:
33817	Matthew P. Russell 5-27-

Form RS-061 Rev (April 2011)

Engine Component Serial Number Summary:

ITEM	Serial Number	Item	Serial Number
Camshaft	89535	Left Magneto	D10BA073
Crankshaft	NO 6GA422	Right Magneto	D10BA11C
Crankcase	R06HA430	Starter	0680●●47
Connecting Rod	AE051A677	Manifold Valve	C061A122
Connecting Rod	AE051B064	Fuel Pump	B061A13
Connecting Rod	AE051B123	Metering Unit	A061A10
Connecting Rod	AE051B073	Oil Cooler	C119345
Connecting Rod	AE051A679	Alternator	N/A
Connecting Rod	AE051A636	Turbocharger	N/A
Cylinder -1	AC06HB584	Turbocharger	N/A
Cylinder-2	AC06HB620	Turbo Controller	N/A
Cylinder-3	AC06HB569	Turbo Controller	N/A
Cylinder-4	AC11AB825	Overboost Valve	N/A
Cylinder-5	AC06HB733	Wastegate	N/A
Cylinder-6	AC06HB728		

Form RS-062 Rev (April 2011)

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Bro

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
19 Miry Brook Rd. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 798-7567

CIRRUS AIRCRAFT

ANNUAL ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	SMOH
7/12/11	N363SR	T.C.M.	IO550N42	690057	806.1	712.4	712.4

Hours Logged Since Last Annual: 96.2 **W/O #** 4016 **Last Annual Date:** 7/29/10

Annual inspection performed IAW part 43 Appendix D. AD's searched and complied with, thru Tdata 2011-14.

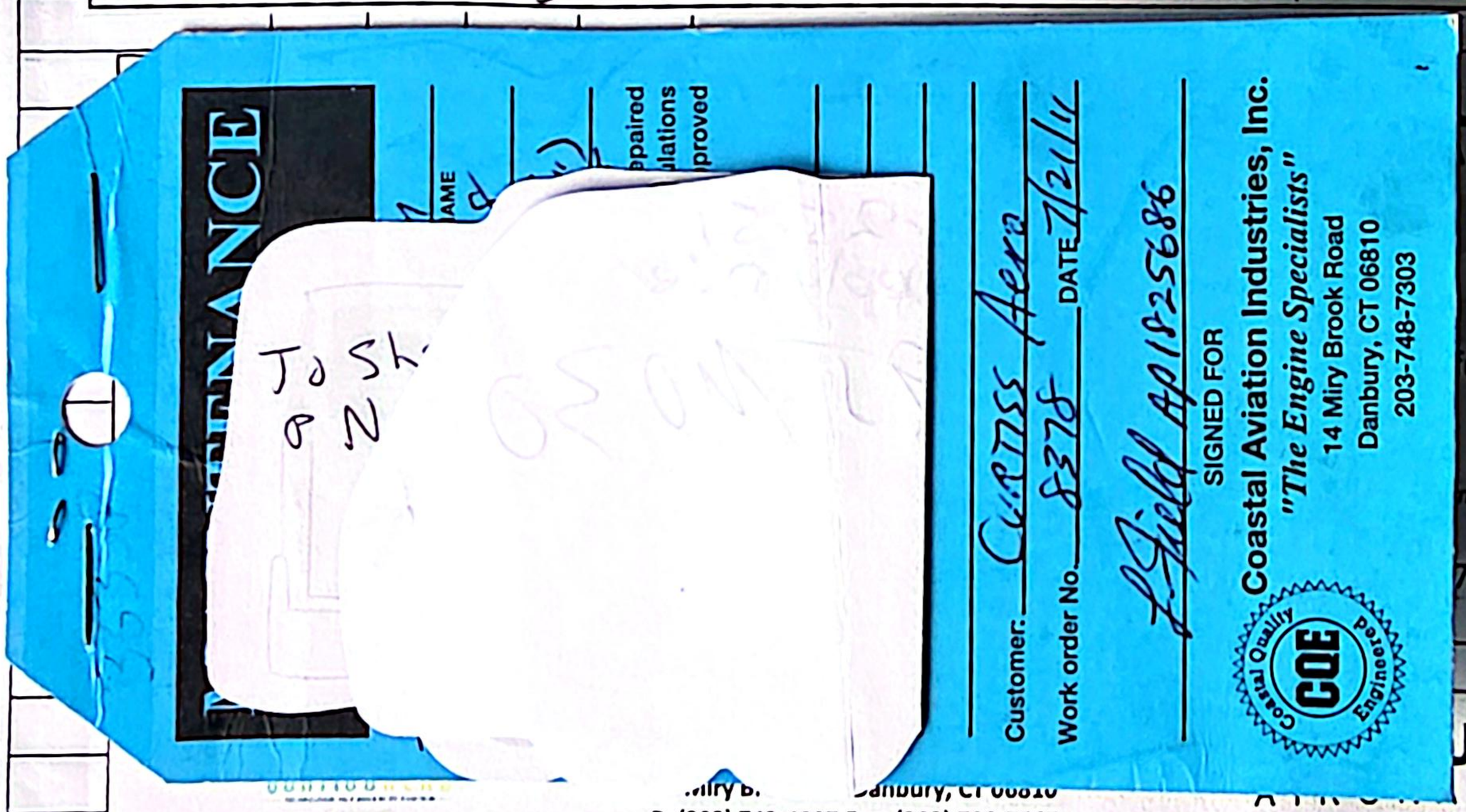
The following services were provided: Re-install engine. Sonic clean injectors. Clean, gap, and test spark plugs. Check magneto timing. Inspect exhaust system and engine mounts. Re-install propeller governor (see tags.) Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Mineral Oil.

The following compression readings were taken: ***L/C*** **1)**64 **2)**50 **3)**61 **4)**60 **5)**61 **6)**70

I certify that this engine has been inspected IAW an Annual Inspection, and was determined to be airworthy condition on the date shown above.

Authorized Signature: Devon Chapin A&P67484333IA



CIRRUS AIRCRAFT
Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 798-7567

50 HR. ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	SMOH	W/O #
9/2/11	N363SR	T.C.M.	IO550N42	690057	838.3	739.1	739.1	4140

50 hr. inspection performed IAW the manufactures service manuals, Cirrus 50 hr. service check list, and part 43 Appendix D.

The following AD's/SB's were complied with: N/A

The following services were provided: Engine was run up. Oil drained. Sample taken. Oil and filter changed. Oil filter cut open, no debris noted. Torque rocker cover screws. Inspect exhaust system and engine mount. Service number five injector and spark plugs. Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Phillips Mineral oil.

I certify that this engine has been serviced IAW the manufactures service manuals / FAR's and was determined to be in a airworthy condition for the work gccomplished on the date shown above.

Authorized Signature: Devon Chapin A&P67484333IA

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
19 Miry Brook Rd. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 798-7567

CIRRUS AIRCRAFT

ANNUAL ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	SMOH
7/12/11	N363SR	T.C.M.	IO550N42	690057	806.1	712.4	712.4

Hours Logged Since Last Annual: 96.2 **W/O #** 4016 **Last Annual Date:** 7/29/10

Annual inspection performed IAW part 43 Appendix D. AD's searched and complied with, thru Tdata 2011-14.

The following services were provided: Re-install engine. Sonic clean injectors. Clean, gap, and test spark plugs. Check magneto timing. Inspect exhaust system and engine mounts. Re-install propeller governor (see tags.) Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Mineral Oil.

The following compression readings were taken: ***L/C*** **1)**64 **2)**50 **3)**61 **4)**60 **5)**61 **6)**70

I certify that this engine has been inspected IAW an Annual Inspection, and was determined to be airworthy condition on the date shown above.

Authorized Signature: Devon Chapin A&P67484333IA

AD 2011-25-51
Does not apply due
To shaft
SN → 670895M030

19 Miry Brook Rd. Danbury, C
P: (203) 743-4007 Fax: (203) 798-7567

50 HR. ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGH
9/2/11	N363SR	T.C.M.	IO550N42	690057	838.3	739.

50 hr. inspection performed IAW the manufactures service manuals, Cirrus 50 hr. service

e following AD's/SB's were complied with: N/A

e following services were provided: Engine was run up. Oil drained.
anged. Oil filter cut open, no debris noted. Torque rocker cover scre
gine mount. Service number five injector and spark plugs. Engine wa
ck OK.

following new parts have been installed: (1) CH48108-1 Oil Filter.

I certify that this engine has been serviced IAW the manufactures service manuals / FA
airworthy condition for the work gccomplished on the date sho

horized Signature:

Starter Adapter	TCM
COMPONENT NAME	MFG. NAME
IO-520/550	8378
MODEL OR TYPE	SERIAL NO.
642083-A12	(M015")
PART NO.	~~VOLTS/AMPS~~

The aircraft component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Work performed: Overhauled TO Mfg's specs. (M015")

Customer: Curtiss Aero

Work order No. 8378 DATE 7/21/11

FAA Field AP1825686

SIGNED FOR

Coastal Aviation Industries, Inc.

"The Engine Specialists"

14 Miry Brook Road

Danbury, CT 06810

203-748-7303

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Bro

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
19 Miry Brook Rd. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 798-7567

CIRRUS AIRCRAFT

ANNUAL ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	SMOH
7/12/11	N363SR	T.C.M.	IO550N42	690057	806.1	712.4	712.4

Hours Logged Since Last Annual: 96.2 **W/O #** 4016 **Last Annual Date:** 7/29/10

Annual Inspection performed IAW part 43 Appendix D. AD's searched and complied with, thru Tdata 2011-14.

The following services were provided: Re-install engine. Sonic clean injectors. Clean, gap, and test spark plugs. Check magneto timing. Inspect exhaust system and engine mounts. Re-install propeller governor (see tags.) Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Mineral Oil.

The following compression readings were taken: *L/C* 1)64 2)50 3)61 4)60 5)61 6)70

I certify that this engine has been inspected IAW an Annual Inspection, and was determined to be airworthy condition on the date shown above.

Authorized Signature: Devon Chapin A&P67484333IA

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
19 Miry Brook Rd. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 798-7567

CIRRUS AIRCRAFT

GENERAL REPAIR LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	TTAF	W/O #
7/21/11	N363SR	Cirrus	IO550N42	690057	810.7	716.9	716.9	4107

The following services were provided: Installed overhauled starter adapter (See Tag.) Adjust fuel flow. Engine was run up. Operations check OK.

The following new parts have been installed: (1) 642083A12 Starter Adapter.

I certify that this aircraft / engine has been inspected IAW with the manufactures service manuals / FAR's and was determined to be in a airworthy condition for the work accomplished at the date shown above.

Authorized Signature: Devon Chapin A&P67484333IA

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
19 Miry Brook Rd. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 798-7567

CIRRUS AIRCRAFT

50 HR. ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	SMOH	W/O #
9/2/11	N363SR	T.C.M.	IO550N42	690057	838.3	739.1	739.1	4140

50 hr. inspection performed IAW the manufactures service manuals, Cirrus 50 hr. service check list, and part 43 Appendix D.

The following AD's/SB's were complied with: N/A

The following services were provided: Engine was run up. Oil drained. Sample taken. Oil and filter changed. Oil filter cut open, no debris noted. Torque rocker cover screws. Inspect exhaust system and engine mount. Service number five injector and spark plugs. Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Phillips Mineral oil.

I certify that this engine has been serviced IAW the manufactures service manuals / FAR's and was determined to be in a airworthy condition for the work accomplished on the date shown above.

Authorized Signature: Devon Chapin A&P67484333IA

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.	

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
19 Miry Brook Rd. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 798-7567

CIRRUS AIRCRAFT

50 HR. ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	SMOH	W/O #
10/4/11	N363SR	T.C.M.	IO550N42	690057	865.5	761.2	761.2	4158

50 hr. inspection performed IAW the manufactures service manuals, Cirrus 50 hr. service check list, and part 43 Appendix D.

The following services were provided: Engine was run up. Oil drained. Sample taken. Oil and filter changed. Oil filter cut open, no debris noted. Torque rocker cover screws. Inspect exhaust system and engine mount. Clean number five injector. Clean and test number five sparkplugs. Check number five spark wires. Check magneto timing. Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Phillips Mineral oil.

I certify that this engine has been serviced IAW the manufactures service manuals / FAR's and was determined to be in a airworthy condition for the work accomplished on the date shown above.

Authorized Signature: D ~ T.S Devon Chapin A&P67484333IA

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
19 Miry Brook Rd. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 798-7567

CIRRUS AIRCRAFT

ANNUAL ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	SMOH
3/15/12	N363SR	T.C.M.	IO550N42	690057	926.9	814.5	814.5

Hours Logged Since Last Annual: 102.1 **W/O #** 4221 **Last Annual Date:** 7/12/11

Annual inspection performed IAW part 43 Appendix D. AD's searched and complied with, thru Tdata 2012-05.

The following services were provided: Engine was run up. Oil drained. Sample taken. Oil and filter changed. Oil filter cut open, no debris noted. Sonic clean injectors. Clean, gap, and test spark plugs. Check magneto timing. Inspect exhaust system and engine mounts. Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Phillips X/C Oil. (6) 630979-9 O-rings. (6) X1473 Gaskets. (6) 640612 Washers. (12) M674 Sparkplug Gaskets.

The following compression readings were taken: ***L/C*** **1)**72 **2)**70 **3)**68 **4)**69 **5)**63 **6)**74

I certify that this engine has been inspected IAW an Annual Inspection, and was determined to be airworthy condition on the date shown above.

Authorized Signature: D ~ C- Devon Chapin A&P67484333IA

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
81 Kenosia Ave. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 702-9225

CIRRUS AIRCRAFT

50 HR. ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	SMOH	W/O #
5/30/12	N363SR	T.C.M.	IO550N42	690057	989.6	864.8	864.8	4255

50 hr. inspection performed IAW the manufactures service manuals, Cirrus 50 hr. service check list, and part 43 Appendix D.

The following AD's/SB's were complied with: N/A

The following services were provided: Engine was run up. Oil drained. Sample taken. Oil and filter changed. Oil filter cut open, no debris noted. Torque rocker cover screws. Inspect exhaust system and engine mount. Install new number six spark plugs. Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Phillips X/C oil. (2) RHM32E Sparkplugs.

I certify that this engine has been serviced IAW the manufactures service manuals / FAR's and was determined to be in a airworthy condition for the work accomplished on the date shown above.

Authorized Signature: Devon Chapin A&P67484333IA

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
81 Kenosia Ave. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 702-9225

CIRRUS AIRCRAFT

ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	TACH	SMOH	W/O #
7/6/12	N363SR	T.C.M.	IO550N42	690057	1052.5	914.3	914.3	4281

The following services were provided: Engine was run up. Oil and filter changed. Oil filter cut open, no debris noted. Engine was run up. Operations check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Phillips X/C Oil.

I certify that this engine has been serviced IAW the manufacturers service manuals / FAR's and was determined to be airworthy condition for the work accomplished at the date shown above.

Authorized Signature: Devon Chapin A&P67484333IA

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
81 Kenosia Ave. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 702-9225

CIRRUS AIRCRAFT

ANNUAL ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	SMOH
9/26/12	N363SR	T.C.M.	IO550N42	690057	1055.4	915.8	915.8

Hours Logged Since Last Annual: 101.3 **W/O #** 4328 **Last Annual Date:** 3/15/12

Annual inspection performed IAW part 43 Appendix D. AD's searched and complied with, thru Tdata 2012-17.

The following services were provided: Engine was run up. Oil drained. Sample taken. Oil and filter changed. Oil filter cut open, no debris noted. Sonic clean injectors. Install all new spark plugs. Check magneto timing. Inspect exhaust system and engine mounts. Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Phillips X/C Oil. (12) RHB32E Sparkplugs.

The following compression readings were taken: ***L/C*** **1)**67 **2)**75 **3)**68 **4)**70 **5)**58 **6)**62

I certify that this engine has been inspected IAW an Annual Inspection, and was determined to be airworthy condition on the date shown above.

Authorized Signature: Devon Chapin A&P67484333IA

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 →					

CURTISSAERO

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
81 Kenosia Ave. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 702-9225

CIRRUS AIRCRAFT

50 HR. ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	SMOH	W/O #
5/6/13	N363SR	T.C.M.	IO550N42	690057	1116.8	969.2	969.2	4418

50 hr. Inspection performed IAW the manufactures service manuals, Cirrus 50 hr. service check list, and part 43 Appendix D.

The following AD's/SB's were complied with: N/A

The following services were provided: Engine was run up. Oil drained. Sample taken. Oil and filter changed. Oil filter cut open, no debris noted. Torque rocker cover screws. Inspect exhaust system and engine mount. Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Phillips X/C oil.

I certify that this engine has been serviced IAW the manufactures service manuals / FAR's and was determined to be in a airworthy condition for the work accomplished on the date shown above.

Authorized Signature: D ~ L

Devon Ghani

CURTI

DATE TA

7/11/13 N

Hours Logged Si

Annu

The following se
changed. Oil filte
Check magneto ti
adapter (See 813
The following nev
(12) M674 Spark P
The following con

Authorized Signature:

"The Engine Specialists"
14 Miry Brook Road
Danbury, CT 06810
203-748-7303

NEXT PAGE →

1. Approving National Aviation Authority/Country:	2.	3. Form Tracking Number
FAA/United States	**AUTHORIZED RELEASE CERTIFICATE** FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG	268436

4. Organization Name and Address:	PC #508	5. Work Order/Contract/Invoice Number:
Continental Motors, 2039 Broad Street, Mobile, Alabama 36615		FPN 340192 Other 0000117508

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
1	ADAPTER ASM-STARTER	R-642083A12	N/A	3	N/A	See Box 13

13. Remarks:

Rebuilt to Original PAH's Specifications in accordance with 14 CFR §43.3(j).

14. Certifies that the items identified above were manufactured in conformity to:

☐ Approved design data and in a condition for safe operation.

☐ Non-approved design data specified in Block 13.

19. ☐ 14 CFR 43.9 return to Service ☒ Other regulation specified in Block 13

Certifies that unless otherwised 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: Daniel L Nicholas	21. Approval/Certificate No.: PC #508
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed): Daniel L. Nicholas	23. Date (m/d/y): May/23/2013

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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1.

Statements in Block 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 user/installer before aircraft may be flown.

CURTISSAERO

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
81 Kenosia Ave. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 702-9225

CIRRUS AIRCRAFT

50 HR. ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	SMOH	W/O #
5/6/13	N363SR	T.C.M.	IO550N42	690057	1116.8	969.2	969.2	4418

50 hr. inspection performed IAW the manufactures service manuals, Cirrus 50 hr. service check list, and part 43 Appendix D.

The following AD's/SB's were complied with: N/A

The following services were provided: Engine was run up. Oil drained. Sample taken. Oil and filter changed. Oil filter cut open, no debris noted. Torque rocker cover screws. Inspect exhaust system and engine mount. Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Phillips X/C oil.

I certify that this engine has been serviced IAW the manufactures service manuals / FAR's and was determined to be in a airworthy condition for the work accomplished on the date shown above.

Authorized Signature: D ~ L

Devon Chapin A&P67484333IA

CURTI

DATE	TA
7/11/13	N3

Hours Logged Si

Annuc

The following ser
changed. Oil filter
Check magneto ti
adapter (See 813(
The following nev
(12) M674 Spark P
The following con

MAINTENANCE RELEASE

STARTER — COMPONENT NAME
TCM — MFG. NAME
D10 — MODEL OR TYPE
A13702 — SERIAL NO.
646275 — PART NO.
24V — VOLTS/AMPS

The aircraft component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Work performed: Overhauled to MFG's. Specs

Customer: Curtiss Aero

Work order No. 5283 DATE 6/7/13

SIGNED FOR

J. Quill 9340132040

Coastal Aviation Industries, Inc.
"The Engine Specialists"
14 Miry Brook Road
Danbury, CT 06810
203-748-7303

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 →					

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
81 Kenosia Ave. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 702-9225

CIRRUS AIRCRAFT

50 HR. ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	SMOH	W/O #
5/6/13	N363SR	T.C.M.	IO550N42	690057	1116.8	969.2	969.2	4418

50 hr. inspection performed IAW the manufactures service manuals, Cirrus 50 hr. service check list, and part 43 Appendix D.

The following AD's/SB's were complied with: N/A

The following services were provided: Engine was run up. Oil drained. Sample taken. Oil and filter changed. Oil filter cut open, no debris noted. Torque rocker cover screws. Inspect exhaust system and engine mount. Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Phillips X/C oil.

I certify that this engine has been serviced IAW the manufactures service manuals / FAR's and was determined to be in a airworthy condition for the work accomplished on the date shown above.

Authorized Signature: D ~ L Devon Chapin A&P67484333IA

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
81 Kenosia Ave. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 702-9225

CIRRUS AIRCRAFT

ANNUAL ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	SMOH
7/11/13	N363SR	T.C.M.	IO550N42	690057	1168.9	1012.3	1012.3

Hours Logged Since Last Annual: 96.5 **W/O #** 4456 **Last Annual Date:** 9/26/12

Annual inspection performed IAW part 43 Appendix D. AD's searched and complied with, thru Tdata 2013-13.

The following services were provided: Engine was run up. Oil drained. Sample taken. Oil and filter changed. Oil filter cut open, no debris noted. Sonic clean injectors. Clean, gap, and test spark plugs. Check magneto timing. Inspect exhaust system and engine mounts. Install overhauled starter and starter adapter (See 8130). Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Phillips X/C Oil. (12) M674 Spark Plug Gaskets. (1) 642083A12 Starter Adapter.

The following compression readings were taken: ***L/C*** **1)**72 **2)**65 **3)**65 **4)**67 **5)**65 **6)**73

I certify that this engine has been inspected IAW an Annual Inspection, and was determined to be airworthy condition on the date shown above.

Authorized Signature: D ~ L Devon Chapin A&P67484333IA

NEXT PAGE →

CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
81 Kenosia Ave. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 702-9225

CIRRUS AIRCRAFT

ANNUAL ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	SMOH
8/5/14	N363SR	T.C.M.	IO550N42	690057	1213.5	1048.4	1048.4

Hours Logged Since Last Annual: 36.1 **W/O #** 4672 **Last Annual Date:** 7/11/13

Annual inspection performed IAW part 43 Appendix D. AD's searched and complied with, thru Tdata 2014-15.

The following services were provided: Engine was run up. Oil drained. Sample taken. Oil and filter changed. Oil filter cut open, no debris noted. Sonic clean injectors. Clean, gap, and test spark plugs. Check magneto timing. Inspect exhaust system and engine mounts. Install new oil pressure sensor IAW SB2X-77-04 R1. Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Phillips X/C Oil. (12) M674 Spark Plug Gaskets. (6) X1473 Gaskets. (6) 630979-9 O-ring. (1) 12635-004 Oil Pressure Sensor. (1) 29613-001 Pressure Sensor Harness.

The following compression readings were taken: *L/C* **1)**68 **2)**58 **3)**52 **4)**60 **5)**58 **6)**62

I certify that this engine has been inspected IAW an Annual Inspection, and was determined to be airworthy condition on the date shown above.

Authorized Signature: Devon Chapin A&P67484333IA

MAINTENANCE RELEASE

Alternator — COMPONENT NAME
GID — MODEL OR TYPE
649304 — PART NO.
Itm — MFG. NAME
B0210.1 — SERIAL NO.
24V 100A — VOLTS/AMPS

The aircraft component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Work performed: clw SDO Hr. Inspection. Tested drive coupling IAW SB 11-3.

Customer: Curtiss Aero

Work order No. 8638

DATE 9/23/15

Signed L. Field

#AP1825686

10/5/2015
SN: 1097.4
TT: 1097.4
OH: 1097.4
ME: 1097.4

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intenance

2-08-2015
edia.com)

017
8.3
8.3
8.3
TEAR TIME 1148.3

Engine Entries

Install repaired #3 cylinder. (see tag)..Performed 100hr. inspection on engine I/A/W FAR part 43, appendix D, and manufactures service manuals. ENGINE COMPRESSIONS M/O:52 1) 63/80 2) 64/80 3) 36/80 4) 66/80 5) 60/80 6) 64/80. Changed oil and filter with 20-50 Mineral oil..Sonic clean injectors / primer nozzles, and reinstalled

Maintenance Release
I certify that this aircraft and/or component(s) on 363SR has been repaired and inspected in accordance with manufacturers service manuals and current Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 1/3/2017 SIGNED: Devon Chapin, IA A&P67484333IA

Work Order: 0924-12-2016

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CURTISS AERO, LLC
Danbury Municipal Airport (KDXR)
81 Kenosia Ave. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 702-9225

CIRRUS AIRCRAFT

ANNUAL ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT	SMOH
8/5/14	N363SR	T.C.M.	IO550N42	690057	1213.5	1048.4	1048.4

Hours Logged Since Last Annual: 36.1 W/O # 4672 Last Annual Date: 7/11/13

Annual inspection performed IAW part 43 Appendix D. AD's searched and complied with, thru Tdata 2014-15.

The following services were provided: Engine was run up. Oil drained. Sample taken. Oil and filter changed. Oil filter cut open, no debris noted. Sonic clean injectors. Clean, gap, and test spark plugs. Check magneto timing. Inspect exhaust system and engine mounts. Install new oil pressure sensor IAW SB2X-77-04 R1. Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Phillips X/C Oil. (12) M674 Spark Plug Gaskets. (6) X1473 Gaskets. (6) 630979-9 O-ring. (1) 12635-004 Oil Pressure Sensor. (1) 29613-001 Pressure Sensor Harness.

The following compression readings were taken: L/C 1)68 2)58 3)52 4)60 5)58 6)62

I certify that this engine has been inspected IAW an Annual Inspection, and was determined to be airworthy condition on the date shown above.

Authorized Signature: Devon Chapin A&P67484333IA

ENGINE MODEL:
IO550N42
ENGINE S/N: 690057
REG. NO. 363SR
WORK ORDER:
0642-08-2015

81 Kenosia Ave
Danbury, CT 06810
Phone: 203-702-7192

DATE: 10/5/2015
A/C TSN: 1097.4
ENG TT: 1097.4
TSMOH: 1097.4
FLIGHTTIME: 1097.4

Engine Entries

Performed 100hr. inspection on engine I/A/W FAR part 43, appendix D, and manufactures service manuals. ENGINE COMPRESSIONS: M/O:52 1) 60/80 2) 60/80 3) 60/80 4) 65/80 5) 60/80 6) 68/80.Sonic clean injectors..Installed all new spark plugs..R&I both magnetos for 500HR inspection (SEE TAGS)..R&I number one alternator for 500HR. Inspection (SEE TAG).

Maintenance Release:
I certify that this aircraft and/or component(s) on 363SR was repaired and inspected in accordance with an Annual and/or 100hr. inspection and 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 maintenance shop under Work Order No. 0642-08-2015, Dated 10/5/2015.

DATE: 10/5/2015 SIGNED:

Work Order: 0642-08-2015

Devon Chapin, IA: A&P67484333IA

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ENGINE MODEL
IO550N42
ENGINE S/N 690057
REG NO 363SR
WORK ORDER
0924-12-2016

81 Kenosia Ave
Danbury CT 06810
Phone 203-702-7192

DATE 1/3/2017
A/C TSN 1148.3
ENG TT 1148.3
TSMOH 1148.3
FLIGHTTIME 1148.3

Engine Entries

Install repaired #3 cylinder, (see tag)..Performed 100hr. inspection on engine I/A/W FAR part 43, appendix D, and manufactures service manuals. ENGINE COMPRESSIONS: M/O:52 1) 63/80 2) 64/80 3) 36/80 4) 66/80 5) 60/80 6) 64/80. Changed oil and filter with 20-50 Mineral oil..Sonic clean injectors / primer nozzles. and reinstalled

Maintenance Release
I certify that this aircraft and/or component(s) on 363SR has been repaired and inspected in accordance with manufacturers service manuals and current Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 1/3/2017 SIGNED:

Work Order: 0924-12-2016

Devon Chapin, IA: A&P67484333IA

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Danbury Municipal Airport (KDXR)
81 Kenosia Ave. Danbury, CT 06810
P: (203) 743-4007 Fax: (203) 702-9225

ANNUAL ENGINE LOGBOOK ENTRY

DATE	TAIL NO.	MAKE	MODEL	SERIAL NO.	HOBBS	FLIGHT
8/5/14	N363SR	T.C.M.	IO550N42	690057	1213.5	1048.4

Hours Logged Since Last Annual: 36.1 **W/O #** 4672 **Last Annual Date:** 7/

Annual inspection performed IAW part 43 Appendix D. AD's searched and complied with, thru Tdata 2014-15.

The following services were provided: Engine was run up. Oil drained. Sample taken. Oil and filte changed. Oil filter cut open, no debris noted. Sonic clean injectors. Clean, gap, and test spark plug Check magneto timing. Inspect exhaust system and engine mounts. Install new oil pressure sensc SB2X-77-04 R1. Engine was run up. Operations and leak check OK.

The following new parts have been installed: (1) CH48108-1 Oil Filter. (8)qts. 20W-50 Phillips X/ (12) M674 Spark Plug Gaskets. (6) X1473 Gaskets. (6) 630979-9 O-ring. (1) 12635-004 Oil Pressur Sensor. (1) 29613-001 Pressure Sensor Harness.

The following compression readings were taken: ***L/C*** **1)**68 **2)**58 **3)**52 **4)**60 **5)**58 **6)**62

I certify that this engine has been inspected IAW an Annual Inspection, and was determined to be airworthy condition on the date shown above.

Authorized Signature: Devon Chapin A&P

MAINTENANCE RELEASE

Magneto — COMPONENT NAME
Bendix/Itm — MFG. NAME
S6RSC-25 — MODEL OR TYPE
D10BA073R — SERIAL NO.
BLSD0536-1 — PART NO.
~~VOLTS/AMPS~~

The aircraft component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Work performed: clw SDO thr Insp. R&R; seal, slinger, contact, felts, brush, replace bngs. Test run.

Customer: Curtiss Aero

Work order No. 8638 DATE 9/25/15

L Field #A&P1825684

Signed FOR: Coastal Aviation Ind.

MAINTENANCE RELEASE

Magneto — COMPONENT NAME

Bendix/Itcm — MFG. NAME

S6RSC-25 — MODEL OR TYPE

D10BA 110 R — SERIAL NO.

BL-500556-1 — PART NO.

~~VOLTS/AMPS~~

The aircraft component identified above was repaired and/or inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Work performed: Clu SDO HR. INSP. R&R; SEAL, SLINGER, CONTACT, FELTS, brush, replace bngs. TEST RUN.

Customer: Curtiss Aero

Work order No. 8638 DATE 9/25/15

L. Field #A&P1825686

Signed

FOR:

COASTAL AVIATION Ind.

MAKE: Continental
MODEL: IO-550N
S/N: 690057
REG. NO.: 363SR
WORK ORDER: 0083

Wright Aviation Maintenance
47 Long Meadow Rd.
Oxford, CT 06478
Phone: 203-556-3860

DATE: 4/19/18
A/C HOBB:
ENG TT: 1155.6
TSMOH: 1155.6

ANNUAL ENGINE LOGBOOK ENTRY

Annual Inspection performed IAW Part 43 Appendix D and manufacturers service manuals.
AD's searched and complied with, thru Tdata 2018-07

The following services were provided: Engine was run up. Oil drained. Sample taken. Oil and filter changed. Oil filter cut open, no debris noted. Sonic clean injectors. Check magneto timing. Inspected exhaust system and engine mount. Install new OIL/MAP sensor kit IAW SB2X-77-04R1. Engine was run up. Operation and leak check OK.
The following new parts have been installed: (1) CH48108-1 Oil Filter, (8) qts. 20W-50 Phillips, (1) 70264-002 OIL/MAP sensor kit
The following compression readings were taken: L/C 1)62 2)56 3)78 4)55 5)62 6)65

I certify that this engine has been serviced IAW an Annual Inspection, and was determined to be airworthy condition on the date shown above.

Authorized Signature: Devon Chapin A&P67484333IA

MAKE: Continental
MODEL: IO-550N
S/N: 690057
REG. NO.: 363SR
WORK ORDER: 0237

Wright Aviation Maintenance
47 Long Meadow Rd.
Oxford, CT 06478
Phone: 203-556-3860

DATE: 5/3/19
A/C HOBB:
ENG TT: 1159.2
TSMOH: 1159.2

ANNUAL ENGINE LOGBOOK ENTRY

Annual Inspection performed IAW Part 43 Appendix D and manufacturers service manuals.
AD's searched and complied with, thru Tdata 2019-9

The following services were provided: Engine was run up. Oil drained. Oil and filter changed. Oil filter cut open, no debris noted. Check magneto timing. Inspected exhaust system and engine mount. Engine was run up. Operation and leak check OK.
The following new parts have been installed: (1) CH48108-1 Oil Filter, (8) qts. 20W-50 Phillips, (12) M674 gaskets
The following compression readings were taken: L/C 1)66 2)70 3)78 4)64 5)64 6)68

I certify that this engine has been serviced IAW an Annual Inspection, and was determined to be airworthy condition on the date shown above

Authorized Signature: Devon Chapin A&P67484333IA

N363SR, Cirrus, SR22, S/N 2226, Continental, IO-550-N, S/N 686299
1162.2 Hour Meter, 1162.2 Total Time A/F, 1162.2 TT/Engine
May 1, 2020

ENGINE: Annual Inspection completed.

Changed oil and filter, serviced with Phillips X/C 20W-50 to 8 qts. Run up – OK Checked for leaks, none found.

COMPRESSIONS

#1 – 60, #2 – 50, #3 – 70, #4 – 50, #5 – 70, #6 – 70

Tester calibrated per SB03-3, 42/80 is the lowest acceptable compression reading.

Checked and cleaned spark plugs. Checked fuel system, drained sumps, cleaned fuel bowl screen. Checked starter and alternator, wiring and mounting. Checked magnetos and magneto timing. Checked exhaust system for condition and security. Engine run up and checked for leaks.

This **ENGINE** has been inspected in accordance with an **ANNUAL INSPECTION**.
All work was accomplished using Manufactures Service Manuals and/or checklists, and was found to be in an

AIRWORTHY CONDITION.

May 1, 2020, 1162.2 Hour Meter, 1162.2 Total Time

Peter Vajsabel A&P 3477997IA Peter Vajsabel A+P 3477997EA

N363SR, Cirrus, SR22, S/N 2226, Continental, IO-550-N, S/N 686299
1189.2 Hour Meter, 1189.2 Total Time A/F, 1189.2 TT/Engine
August 27, 2020

Changed oil and filter, serviced with Phillips X/C 20W-50 to 8 qts. Checked magneto timing – OK. Run up – OK Checked for leaks, none found.

Peter Vajsabel A&P 3477997 Peter Vajsabel A+P 3477997

ENGINE MODEL:
IO550N42
ENGINE S/N: 690057
REG. NO: N363SR
WORK ORDER:
7615-10-2020

ADVANCED Fly Advanced

Repair Station No. 5T2R901C
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 10/21/2020
A/C TSN: 1228.1
ENG TT: 1228.1
HOBBS: 1456.1

Engine Entries

Drained the engine oil and replaced filter w/ P/N: AA48108-2. Serviced engine with 8 qts of Phillips 20W50 X/C engine oil. Cut open filter and inspected, no contamination found at this time. Performed AvLab oil analysis. Ground run and leak checked good.... Removed and re-installed the left magneto with new gasket after cleaning points and checking the internal timing. Re-timed mag to engine, operational check ok at this time.... AD 2020-16-11 Continental Fractured Cross Flow Cylinder Assemblies Not Applicable by Manufacture Date of Cylinders IAW Continental Motors Service Document MSB 18-08B

Maintenance Release

The aircraft and/or component(s) on N363SR was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 10/21/2020 SIGNED:

Joshua J. Ferry
Certified Repair Station No. 5T2R901C

Work Order: 7615-10-2020

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N363SR, Cirrus, SR22, S/N 2226, Continental, ...
1521.1 Hour Meter, 1293.0 Total Time A/F, 1293.0 TT/Engine
May 5, 2021

ENGINE: Annual Inspection completed.

Changed oil and filter, serviced with Phillips X/C 20W-50 to 8 qts. Run up – OK Checked for leaks, none found.

COMPRESSIONS

#1 – 70, #2 – 65, #3 – 74, #4 – 65, #5 – 75, #6 – 70

Tester calibrated per SB03-3, 42/80 is the lowest acceptable compression reading.

Checked and cleaned spark plugs. Checked fuel system, drained sumps, cleaned fuel bowl screen. Checked starter and alternator, wiring and mounting. Checked magnetos and magneto timing. Checked exhaust system for condition and security. Engine run up and checked for leaks.

This ENGINE has been inspected in accordance with an ANNUAL INSPECTION.
All work was accomplished using Manufactures Service Manuals and/or checklists, and was found to be in an AIRWORTHY CONDITION.

May 5, 2021, 1521.1 Hour Meter, 1293.0 Total Time

Peter Vajsabel A&P 3477997IA

Peter Vajsabel A&P 3477997IA

ENGINE MODEL: IO550N42
ENGINE S/N: 690057
REG NO: N363SR
WORK ORDER: 8273-07-2021

ADVANCED Fly Advanced
Repair Station No. 5T2R901C
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 7/30/2021
A/C TSN: 1318.4
ENG TT: 1318.4
HOBBS: 1544.4

Engine Entries

Removed the RPM and fuel flow plastic molex connectors at the engine baffle pass through, soldered and butt spliced the wires and secured IAW Standard Practices. Re-soldered the MAP connector wires IAW Standard Practices. Run-up operational check ok at this time.

Maintenance Release

The aircraft and/or component(s) on N363SR was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 7/30/2021 SIGNED Work Order: 8273-07-2021

Joshua J. Ferry
Certified Repair Station No. 5T2R901C

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ENGINE MODEL: IO550N42
ENGINE S/N: 690057
REG NO: N363SR
WORK ORDER: 8648-01-2022

ADVANCED Fly Advanced
Repair Station No. 5T2R901C
530 Airport Rd.
Lititz, PA 17543
Phone: 717-735-5179

DATE: 2/21/2022
A/C TSN: 1370.4
ENG TT: 1370.4
HOBBS: 1596.4

Engine Entries

Removed and replaced the oil pressure sensor with new P/N: 12635-004. Drained the engine oil and serviced engine with 8 qts Phillips X/C 20w50 engine oil. Removed and replaced the engine oil filter with new P/N: AA48108-2. Cut open removed oil filter and performed particulate inspection, no defects noted. Performed AvLab oil analysis. Ground run and leak checked ok at this time.

Maintenance Release

The aircraft and/or component(s) on N363SR was repaired and inspected in accordance with the current rules and regulations of Title 14 of the Code of Federal Regulations, was found Airworthy and was returned to service.

DATE: 2/21/2022 SIGNED Work Order: 8648-01-2022

Joshua J. Ferry
Certified Repair Station No. 5T2R901C

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910 MARIA STREET
KENNER, LOUISIANA 70062
(504) 469-6751

FLY ADVANCED (AAS)
Attn: JOEL GLOVER
530 AIRPORT RD

LITITZ PA 17543
United States

Aircraft: SR22
S/N: 2226
Tail No.: N363SR

Date: 2/23/2022
Engine S/N: 690057
Engine Model: CONT. 550

Values in (parenthesis) below your results are average values from all our analysis data for the same engine model with similar engine hours and oil hours. See www.avlab.com/explain for detailed explanation of the statistical analysis used with your laboratory results.

CURRENT SAMPLE — **SAMPLE APPEARS NORMAL. Send next sample at normal interval.** — Normal | Elevated | High

Sample Date: 2/3/2022
Analysis Date: 2/22/2022
Sample Number: P31
Cylinder Type: steel

TSN/TSO: 1370.4
Oil Hours: 30.4
Filter Hours: 30.4
Oil Added:
Filter Wt. (mgs):
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
43.9 (46.6)	1.7 (4.9)	12.4 (9.2)	6.2 (7.2)	N/A	N/A	3.4 (8.3)	3267 (4335)	3.7 (5.2)	N/A	< 0.1 (0.1)	N/A

*** FILTER ANALYSIS RESULTS ***

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments: ALL OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE.

PREVIOUS SAMPLE 1 — **SAMPLE APPEARS NORMAL. Send next sample at normal interval.** — Normal | Elevated | High

Sample Date: 3/2/2021
Analysis Date: 3/15/2021
Sample Number: P29
Cylinder Type: steel

TSN/TSO: 1261.6
Oil Hours: 50
Filter Hours: 50
Oil Added:
Filter Wt. (mgs):
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
52.2 (54.9)	1.3 (5.5)	9.9 (11.6)	7.1 (8.0)	N/A	N/A	4.9 (7.9)	3417 (5734)	3.0 (5.0)	N/A	< 0.1 (0.1)	N/A

*** FILTER ANALYSIS RESULTS ***

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments: ALL OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE.

PREVIOUS SAMPLE 2 — **SAMPLE APPEARS NORMAL. Send next sample at normal interval.** — Normal | Elevated | High

Sample Date: 11/5/2020
Analysis Date: 11/6/2020
Sample Number: P67
Cylinder Type: steel

TSN/TSO: 50
Oil Hours: unknown
Filter Hours: 1456.1
Oil Added:
Filter Wt. (mgs):
Flashpoint(deg. F):
H20 (ppm):
Total Acid No.:

*** OIL ANALYSIS RESULTS IN PARTS PER MILLION ***

Iron	Copper	Nickel	Chromium	Silver	Magnesium	Aluminum	Lead	Silicon	Titanium	Tin	Moly.
63.3 (N/A)	2.3 (N/A)	7.1 (N/A)	7.8 (N/A)	N/A	N/A	7.4 (N/A)	4398 (N/A)	1.9 (N/A)	N/A	< 0.1 (N/A)	N/A

*** FILTER ANALYSIS RESULTS ***

Material:	Stainless Steel	Carbon Steel	Alloy Steel	Bearing Alloy	Copper	Silver	Magn.	Alum.	Grit	Misc.
Amount:										
Type:										
Form:										

Comments: ALL OIL VALUES SEEM FINE. WE WILL CONTINUE TO MONITOR THIS ENGINE WITH YOUR NEXT SAMPLE.

Date	Total Time		Time Since Last Overhaul	
	Hrs.	Min.	Hrs.	Min.
Brought Forward →				

Engine Service and Maintenance Record

Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Make: CMI
Model: IO-550-N(42)
S/N: 690057

flyADVANCED
1501 Narcissa Road Blue Bell, Pa 19422 (215) 646-0400

Date: 09/09/2022
N363SR
Hobbs: 1627.8
Flight: 1388.1
ETT: 1388.1

Engine Entry:
Performed an 100hr/ annual inspection IAW FAR 43 Appendix D. using Cirrus MM. Chapter 5-20. Performed a compression test with results as follows: 1-60/80, 2-60/80, 3-72/80, 4-50/80, 5-60/80, 6-70/80. Master orifice reading: 42/80. AD's current through 2022-18 bi-weekly. Cleaned, gapped and tested all spark plugs. Megged the ignition harness. Lubricated all engine controls. Drained oil. Cut and inspected the oil filter and magnetic drain plug – no unusual debris noted. Serviced the engine with 8 quarts of Phillips 20W-50XC and a new AA48108-2 oil filter. Oil sample was sent to AvLabs. Performed borescope inspection with passing results. Cleaned and inspected fuel injectors and cylinder drains. Re-clocked fuel pump and fuel pump actuation arm. Realigned cylinder #2 intake tube neoprene. Reapplied safety wire on oil temp probe. Performed engine wash. Replaced cylinder #2 fuel injector. Checked and adjusted magneto to engine timing on both magnetos. Ground run-up, operational and leak check good. Details of this inspection are on file at this facility under work order #LWO-15464. END.

I certify that this ENGINE has been inspected IAW an Annual inspection and was found to be in airworthy condition.

This aircraft and/or component(s) was repaired in accordance with the current rules and regulations of Title 14 of the Federal Aviation Regulations, was found to be Airworthy, and returned to service.

Joseph DiSipio
A&P3953685IA

N363SR, Cirrus, SR22, S/N 2226, Continental, IO-550-N, S/N 686299
1675.9 Hour Meter, 1420.7 Total Time A/F, 1420.7 TT/Engine
March 21, 2023

ENGINE: Annual Inspection completed.

AD 2023-04-08, counterweights, N/A – engine serial number.
AD 2023-02-12, SAP cylinders, N/A – affected parts not installed.
AD 2022-04-04, oil filter adapter, N/A – engine model.
AD2022-16-03, certain S1200 magnetos, N/A - engine model.

Changed oil and filter, serviced with Phillips X/C 20W-50 to 8 qts. Run up – OK Checked for leaks, none found.

COMPRESSIONS

#1 – 60, #2 – 58, #3 – 68, #4 – 65, #5 – 57, #6 – 65

Tester calibrated per SB03-3, 42/80 is the lowest acceptable compression reading.

Checked and cleaned spark plugs. Checked fuel system, drained sumps, cleaned fuel bowl screen. Checked starter and alternator, wiring and mounting. Checked magnetos and magneto timing. Checked exhaust system for condition and security. Engine run up and checked for leaks.

This **ENGINE** has been inspected in accordance with an **ANNUAL INSPECTION.**
All work was accomplished using Manufactures Service Manuals and/or checklists, and was found to be in an **AIRWORTHY CONDITION.**
March 21, 2023, 1675.9 Hour Meter, 1420.7 Total Time

Peter Vajsabel A&P 3477997IA Peter Vajsabel A&P 3477997IA

N363SR, Cirrus, SR22, S/N 2226, Continental, IO-550-N, S/N 686299
1716.4 Hour Meter, 1444.1 Total Time A/F, 1444.1 TT/Engine
June 16, 2023

Changed oil and filter, serviced with Phillips X/C 20W-50 to 8 qts. Run up – OK Checked for leaks, none found.

Peter Vajsabel A&P 3477997 Peter Vajsabel A&P 3477997

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 →					

N363SR, Cirrus, SR22, S/N 2226, Continental, IO-550-N, S/N 686299
1753.0 Hour Meter, 1467.2 Total Time A/F, 1467.2 TT/Engine
September 28, 2023

Replace spark plug heli-coil inserts, cylinders 3&5, bottom ports, p/n 520112-3.
Service sparkplugs. Changed oil and filter, serviced with Phillips X/C 20W-50 to 8 qts.

Run up – OK Checked for leaks, none found.

Peter Vajsabel A&P 3477997 Peter Vajsabel A&P 3477997

N363SR, Cirrus, SR22, S/N 2226, Continental, IO-550-N, S/N 686299
1776.5 Hour Meter, 1483.0 Total Time A/F, 1483.0 TT/Engine
December 13, 2023

Removed factory fuel injection nozzles. Installed General Aviation Modifications, Inc. GAMI Fuel Injection Nozzles Kit No. TIG550-12E, s/n 32366. Approved by STC SE09963SC. Installed in accordance with General Aviation Modifications, Inc. Installation Procedure No. IP-2001-01, Rev. 001, dated August 19, 2014. FAA 337 form for this installation completed.
Replace 1 intake stud on #1 cylinder, p/n 401852.

Run up – OK Checked for leaks, none found.

Peter Vajsabel A&P 3477997 Peter Vajsabel A&P 3477997

N363SR, Cirrus, SR22, S/N 2226, Continental, IO-550-N, S/N 686299
1808.7 Hour Meter, 1506.5 Total Time A/F, 1506.5 TT/Engine
March 18, 2024

ENGINE: Annual Inspection completed.

AD 2023-09-09, turbo exhaust clamps, N/A – not turbocharged.
AD 2022-04-04, superseded by AD 2023-17-04, oil filter adapter, N/A – engine model.
AD 2023-17-04, oil filter adapter, N/A – engine model.

Changed oil and filter, serviced with Phillips X/C 20W-50 to 8 qts. Run up – OK Checked for leaks, none found.

COMPRESSIONS

#1 – 60, #2 – 65, #3 – 75, #4 – 55, #5 – 64, #6 – 66

Tester calibrated per SB03-3, 42/80 is the lowest acceptable compression reading.

Checked and cleaned spark plugs. Checked fuel system, drained sumps, cleaned fuel bowl screen. Checked starter and alternator, wiring, and mounting. Checked magnetos and magneto timing. Checked exhaust system for condition and security. Engine run up and checked for leaks.

This **ENGINE** has been inspected in accordance with an **ANNUAL INSPECTION**.
All work was accomplished using Manufactures Service Manuals and/or checklists, and was found to be in an **AIRWORTHY CONDITION**.
March 18, 2024, 1808.7 Hour Meter, 1506.5 Total Time

Peter Vajsabel A&P 3477997IA Peter Vajsabel A&P 3477997 IA

N363SR, Cirrus, SR22, S/N 2226, Continental, IO-550-N, S/N 686299
1544.9 Total Time A/F, 1544.9 TT/Engine
July 3, 2024

Checked mag timing, ok. Changed oil and filter, serviced with Phillips X/C 20W-50 to 8 qts.

Run up – OK Checked for leaks, none found.

Peter Vajsabel A&P 3477997 Peter Vajsabel A&P 3477997

US Department of Transportation
Federal Aviation Administration

MAJOR REPAIR AND ALTERATION
(Airframe, Powerplant, Propeller, or Appliance)

OMB No. 2120-0020
Exp: 01/31/2023

Electronic Tracking Number

For FAA Use Only

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a))

1. Aircraft

Nationality and Registration Mark: N363SR

Serial No.: 2226

Make: Cirrus Design Corp.

Model: SR22

Series:

2. Owner

Name *(As shown on registration certificate)*: Kinikar Niren A

Address *(As shown on registration certificate)*
Address: 42 Champlain Rd
City: Mommouth Junction State: NJ
Zip: 08852-3092 Country: USA

3. For FAA Use Only

4. Type / 5. Unit Identification

Repair	Alteration	Unit	Make	Model	Serial No.
☐	☐	AIRFRAME	Cirrus Design Corp.	*(As described in Item 1 above)*	2226
☐	☒	POWERPLANT	Continental	IO-550-N	690057
☐	☐	PROPELLER			
☐	☐	APPLIANCE	Type / Manufacturer		

6. Conformity Statement

A. Agency's Name and Address
Name: Peter Vajsabel
Address: 1021 Scenic Dr
City: Oak Ridge State: NJ
Zip: 07438 Country: USA

B. Kind of Agency

X	U. S. Certificated Mechanic		Manufacturer
	Foreign Certificated Mechanic	C. Certificate No.	
	Certificated Repair Station	3477997	
	Certificated Maintenance Organization		

D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge.

Extended range fuel per 14 CFR Part 43 App. B ☐

Signature/Date of Authorized Individual
Peter Vajsabel PETER VAJSABEL DEC 18, 2023

7. Approval for Return to Service

Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the Administrator of the Federal Aviation Administration and is ☒ Approved ☐ Rejected

BY								
		FAA Flt. Standards Inspector		Manufacturer		Maintenance Organization		Persons Approved by Canadian Department of Transport
		FAA Designee		Repair Station	X	Inspection Authorization		Other *(Specify)*

Certificate or Designation No. 3477997

Signature/Date of Authorized Individual
Peter Vajsabel PETER VAJSABEL DEC 18, 2023

Form 337 (10/06)

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 →					
	N363SR, Cirrus, SR22, S/N 2226				
	1582.1 TT, Oct 16, 2024				
	Changed oil & filter Philips X/C 20W-50 8 qts				
	Mattituck.				

N363SR, Cirrus, SR22, S/N 2226, Continental, IO-550-N, S/N 686299
1589.2 Total Time A/F, 1589.2 TT/Engine
December 17, 2024

Replaced left and right magnetos, with factory rebuilt magnetos, p/n BL-50556-1, s/n's D24IC827 & D24IC762. Set magneto timing to spec.
Run up – OK Checked for leaks, none found.

Peter Vajsabel A&P 3477997 Peter Vajsabel A&P 3477997

Engine Logbook Entry	Paragon Aircraft Service, Inc. 19 Wright Way, Fairfield, NJ 07004 Phone: (973)575-0364 Fax (973)244-1884						Authorized Cirrus Service Center
Date	**N' Number**	**Make/Model**	**Serial#**	**Flight**	**SMOH**	**Total Time**	**W. O.**
4/4/2025	N363SR	IO550N42	690057	1599.2		1599.2	12292

Changed oil and filter cut open old filter no metal found. Serviced with 7 quarts Phillips 20W50 X/C. Magneto timing checked and adjusted as needed. Cleaned and gapped spark plugs. #1 76/80, #2 68/80, #3 70/80, #4 66/80, #5 70/80, #6 66/80, MO 45. Replaced leaking dipstick tube orings. Removed, cleaned and reinstalled fuel injectors using new seals. Engine washed and run-up checked OK.
I certify that this Engine has been inspected in accordance with an **Annual Inspection** and determined to be in an airworthy condition.

I certify that the work described above was performed satisfactorily and in accordance with approved/acceptable data and is approved for return to service with regard to work performed

Authorized Signature:	Steve Vander Valk	Steve Vander Valk A&P 2919106 IA