N445CD Engine Logbook



Office DEPOT®

Phone: 772 781 0610

East Coast Aviation Service Inc 2356 SE Liberator Lane #203 Stuart FL 34996 USA

FAA Airworthiness Directives Compliance Record

Company:

Aircraft Registration No: N445CD

Category: Airframe

ATP Revision: 8/22/2022

Manufacturer: Cirrus Design Corp.

P/N:

Model: SR22

S/N: 2504

Position:

Issue Number Effective Date Amendment #	Description	Complied	Method of Compliance	Recur	Next Due	Facility Cert No. / Type Authorized By Signed
2022-03-15 3/21/2022	To Ensure That the Amount of Fuel	8/22/2022 Hrs: 1704.3 C:	N/A by STC not installed	No	D: Hrs: C:	East Coast Aviation Service Inc 9ESR403B/FAA CRS Richard Epler
2009-26-01 12/21/2009	To detect and correct anti-ice fluid distribution lines with improperly installed compression fittings, contd.	 Hrs: C:	N/A by S/N	No	D: Hrs: C:	East Coast Aviation Service Inc 9ESR403B/FAA CRS Richard Epler
2008-14-13 8/14/2008	To prevent in-flight failure of the cabin door, which could result in door separation from the airplane	8/14/2008 Hrs: C:	P/C/W by kit P/N70186-005	No	D: Hrs: C:	East Coast Aviation Service Inc 9ESR403B/FAA CRS Richard Epler
2008-03-16 3/11/2008	To prevent the possibility of jamming of the rudder-aileron interconnect system, which may result in loss of,contd.	 Hrs: C:	N/A by S/N	No	D: Hrs: C:	East Coast Aviation Service Inc 9ESR403B/FAA CRS Richard Epler
2007-24-13 12/4/2007	To prevent moisture from accumulating along the wing shear web where it may freeze in certain conditions	 Hrs: C:	N/A by S/N	No	D: Hrs: C:	East Coast Aviation Service Inc 9ESR403B/FAA CRS Richard Epter

G)	
US Department	
of Transportation	
Federal Aviation	

MAJOR REPAIR AND ALTERATION

OMB No 2120-0020 Exp 5/31/2018	Electronic Tracking Number
	For FAA Use Only

(Airframe, Powerplant, Propeller, or Appliance) Administration 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)) Serial No. 2504 Nationality and Registration Mark N683SR 1. Aircraft Series Cirrus Design Corp. Name (As shown on registration certificate) Address (As shown on registration certificate) Address 2. Owner City Country USA 3. For FAA Use Only 5. Unit Identification 4. Type Repair Model Serial No. Alteration Make Unit 2504 Cirrus Design Corp. (As described in Item 1 above) AIRFRAME x **POWERPLANT PROPELLER** Type **APPLIANCE** Manufacturer 6. Conformity Statement A. Agency's Name and Address B. Kind of Agency U. S. Certificated Mechanic Manufacturer **Neal George** Name Foreign Certificated Mechanic C. Certificate No. 1496 Vinson Ray Road Address State FL Certificated Repair Station Baker City 2877828 USA Certificated Maintenance Organization Zip 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. Signature/Date of Authorized Individual Extended range fuel per 14 CFR Part 43 25 May 2022 App. B 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 x Approved Rejected Persons Approved by Canadian FAA Flt. Standards Maintenance Organization Manufacturer Department of Transport Inspector Other (Specify) BY Inspection Authorization Repair Station **FAA Designee** Signature/Date of Authorized Individual Certificate or Designation No. 2877828 Mad E Jy 25 My 2922

Date

Make Model

06/05/2020

Cirrus SR22

Certificance Report

N445CD 2504

Serial #

Airworthiness Directive Compliance Report

Airframe Hours: 1526.6 Misc:

Engine: Continental IO-550-N

Propeller: Hartzell PHC-J3Y Series

COUNT

S/N: 689522 S/N: N7605B Hours: 1526.6

Hours:

AD# Date/Hours Co	Category mpliance	Subject Next Due Name	Amend #	Eff Date	Rec	Remarks
Airframe:	Cirrus SR22					
01-25-03	Airframe	Elevator and Rudder Rivets Taylor Good	39-12556	12/17/01 3529105IA		N/A by Serial #
02-21-02	Airframe	Roll and Yaw Trim Cartridges	39-12908	11/08/02		N/A by Serial #
02-24-08	Airframe	Taylor Good Airplane Parachute System	39-12973	3529105IA 01/24/03		N/A by Serial #
06-07-06	Airframe	Taylor Good Wire Chafing on Fuel Lines	39-14533	3529105IA 05/11/06 3529105IA		N/A by Serial #
06-19-10	Airframe	Taylor Good Crew Seat Break-Over Bolt	39-14767	10/24/06 3529105IA		N/A by Serial #
06-21-03	Airframe	Taylor Good Brake Caliper Piston O-Ring Seals	39-14787	11/17/06 3529105IA	Yes	N/A by Serial #
07-14-03	Airframe	Parachute System	39-15125	08/16/07 3529105IA		N/A by Serial #
07-24-13	Airframe	Aileron Control Pulley	39-15279	12/04/07 3529105IA		N/A by Serial #
08-03-16	Airframe	Taylor Good Rudder and Aileron Controls Taylor Good	39-15367	03/11/08 3529105IA		N/A by Serial #
08-14-13	Airframe	In-Flight Cabin Door Failure	39-15608	08/14/08 3529105IA		PCW by installation of kit P/N 70186-005 per SB2X-52-07R4
09-26-01	Airframe	Anti-Ice Fluid Line	39-16136	12/21/09 3529105IA		N/A by serial number
Engine: C	ontinental IC	Taylor Good		3529 105IA		See serge and the glareness of
38-03-06	Engine	Oil Filter Taylor Good	39-5888	04/15/88 3529105IA		N/A by manufacture date
91-19-03	Engine	Collapsed Oil Filter Elements Taylor Good	39-8030	09/29/91 3529105IA		N/A by manufacture date
93-10-02	Engine	Missing Cylinder Valve Retainer Key Taylor Good	39-8603	08/12/93 3529105IA		N/A by manufacture date
99-19-01	Engine		39-11290	09/30/99 3529105IA	200 DZD - NO	N/A by manufacture date
00-23-21	Engine	Crankshaft Connecting Rod Journal Failure Taylor Good	39-11994	12/12/00 3529105IA		N/A by manufacture date
04-08-10	Engine	ECI Reciprocation Engine Cylinder Head Cracks Taylor Good	39-13579	05/05/04 3529105IA		N/A by manufacture date
07-16-10	Engine	Kelly Aerospace Turbocharger Taylor Good	39-15149	08/23/07 3529105IA		N/A by turbo S/N's, L/H KFN00459, R/H KFN00449
10-11-04	Engine	Hydraulic Lifter Face Wear	39-16309	06/16/10		N/A by no filters changed during the affected period
12-03-06	Engine	Taylor Good AVStar Fuel Servo Diaphragm	39-16947	3529105IA 02/24/12		N/A by parts installed
12-10-13	Engine	Taylor Good Starter Adaptor Gear Shaft	39-17062	3529105IA 06/08/12		N/A by TIS
14-05-29	Engine	Taylor Good (SAP) Cast Cylinder Assemblies	39-17801	3529105IA 04/25/14	Yes	N/A by affected cylinders not installed
16-16-12	Engine	Taylor Good AEC/CMI Cylinder Assemblies	39-18610	3529105IA 09/15/16		N/A by type of cylinders installed
		Taylor Good		3529105IA		gast d
Propeller:	Hartzell PHO		30 0000	00/15/04	Vee	N/A by manufacture date
94-17-13	Propeller	Propeller Hub Grease Fitting Hole Cracks Taylor Good	39-9008	09/15/94 3529105IA	Yes	
01-07-03	Propeller	BASCO Serviced Propellers Taylor Good	39-12168	06/04/01 3529105IA		N/A by manufacture date
03-13-17	Propeller	T and W Serviced Propellers Taylor Good	39-13219	07/18/03 3529105IA		N/A by manufacture date
05-14-11	Propeller	Southern California Propeller Serviced Propeller Taylor Good	ns 39-14188	08/17/05 3529105IA		N/A by manufacture date
07-26-09	Propeller	Fatigue Cracks Taylor Good	39/15311	01/30/08 3529105IA		N/A, composite blades installed

Mode S Tail Number INCorrect
Altimeter/Air Data Systems Start temp 140c N3775R

Start time: 10:45 AM

Inspection Report Finish temp: 160 Ref: FAR 43 Appendix E Finish time 1:45 PM

Flight ID Correct

FAA CRS# AW	/KR298C, 2517	0 Aviation Aver	iue, Davis, CA	95616 Ph: (530) 759-6036								1.10 1.	10111
Aircraf	t S/N	Aircraf	t Reg.	. Da	te	Airframe T		LH ALT/			ADC S/N		/ADC S/N	
2504	7	N# 445	CO	4/13	117	1387	ار Hrs	M0924	-56805	MO9278	20156	460		
Scale Err	or Test					Test Set			LH ALT/ADC RH AL		T/ADC STBY ALT/ADC			
Start Readi	ngs					-196		-180		-18	0	-170		
Finish Read	lings					-160		-150		-15	0	-145		
After Effec	ts (+/- 30 f	t less than !	5 mins afte	r hysteresis	5)	36 F-	Γ .	-6F+ COX	rected	-68+		-11 corr	rected	
Α	ltimete	er Accur	acy Tes	t		Fri	ction Te	est .		Baron	netric Sca	ale Error	Test (+/	
Altitude	Tolerance	LH	RH	STBY	Altitude	Tolerance	LH	RH	STBY	Pressure	Altitude	LH	RH	STBY
(ft)	(+/- ft)	ALT/ADC	ALT/ADC	ALT/ADC	(ft)	(+/- ft)	ALT/ADC Error (ft)	ALT/ADC Error (ft)	ALT/ADC Error (ft)	(in Hg)	Difference (ft)	ALT/ADC (ft)	ALT/ADC (ft)	ALT/ADC (ft)
-1,000	20	Error (ft)	Error (ft)	Error (ft)	1,000	70	ELLOLUT	error (it)	25	28.10	-1,727	-1,710	-1,710	-1,735
0	20	10	10	5	2,000	70			40	28.50	-1,340	-1.330	-1,330	-1,345
500	20	10	10	-15	3,000	70			35	29.00	-863	-850	-850	-855
1,000	20	10	10	10	5,000	70			40	29.50	-392	-380	-380	-400
1,500	25	10	10	0	10,000	80			10	29.92	0	10	10	5
2,000	30	15	15	20	15,000	90		X	65	30.50	531	545	545	520
3,000	30	10	10	20	20,000	100			40	30.90	893	910	910	900
4,000	35	10	10	10	25,000	120			60	30.99	974	990	990	980
6,000	40	10	10	0	30,000	140								
8,000	60	10	10	-30	35,000	160					•			
10,000	80	10	10	-40		Hyst	eresis	Γest (+/-	75 ft)			Leak	Rate	
12,000	90	10	10	-60	Max. Cert.	Altitude 50%	Altitude 40%		RH ALT/ADC	STBY ALT/ADC	Tollerand	es:		
14,000	100	10	1.6	-60	Altitude	Point	Point	Error (ft)	Error (ft)	Error (ft)	Non-Pressu	rized Aircra	ft: +/- 100 fp	m_@ 1,000
16,000	110	10	10	-60	20,000	10,000	8,000		\geq		ft AGL			
18,000	120	10	10	-60	25,000	12,500	10,000	00	00	60160	Press. Aircr		-	
20,000	130	10	10	-40	30,000	15,000	12,000						x. cabin psic	
22,000	140	10	10	-40	35,000	17,500	14,000				-		0 fpm @ 18,	
25,000	155	0	0	10		•	AND REAL PROPERTY.	uipmen			LH Static S		11	fpm
30,000	180					/pe		Number		ion Date	RH Static S	-	NA	fpm
35,000	205				PS52	5A	8091	6	11/23	16	Case Leak:		NIA	fpm

The altimeter, static system, and altitude reporting tests required by FAR 91.411 have been performed. Altimeter tested to

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

Company

Woodland Aviation

Manufacturer

CIRRUS DESIGN CORPORATION

Model Tail#

SR22

N445CD

Serial #

2504

Current Time

1379.1

Total Time A/C Cert. Date

1379.1 5/14/2007

07-14-03

08/16/07

PARACHUTE SYSTEM PICK-UP COLLAR SUPPORT AND SCREWS/

Method of Compliance N/A by S.N.

Signature

Date

Next Due N/A

Cert. #

07-24-13

12/04/07

WING TIP TO WING STRUCTURE INTERFACE MOISTURE

ACCUMULATION/

Method of Compliance N/A by S.N.

SB#

Signature

Date

Next Due N/A

Cert. #

08-03-16

03/11/08

RUDDER-AILERON INTERCONNECT RIGGING/

Signature

Method of Compliance N/A by S.N. SB#

Date

Next Due N/A

Cert. #

08-14-13

08/14/08

CABIN DOOR ROD ENDS AND HINGE PIN/

Method of Compliance BY INSTALLATION OF KIT P/N 70186-005 PER SB 2X-52-07R4

SB# Signature Date 2/19/2008 397.9 TT

Next Due N/A Cert. # Z5SR421Y

09-26-01

Signature

12/21/09

ANTI-ICE FLUID DISTRIBUTION LINE COMPRESSION FITTINGS/

Method of Compliance NA BY NOT FIKI

SB#

Date

Next Due N/A

Cert. #

Airworthiness Directive Compliance Record

AIRCRAFT RECORDS - DO NOT DESTROY

airframe

Company

Woodland Aviation

Manufacturer

CIRRUS DESIGN CORPORATION

Model

SR22

Tail#

N445CD

Serial # **Current Time**

2504

Total Time A/C Cert. Date 1379.1 1379.1

5/14/2007

07-14-03

Signature

08/16/07

PARACHUTE SYSTEM PICK-UP COLLAR SUPPORT AND SCREWS/

Method of Compliance N/A by S.N. SB#

Date

Next Due N/A

Cert. #

07-24-13

12/04/07

WING TIP TO WING STRUCTURE INTERFACE MOISTURE

ACCUMULATION/

Method of Compliance N/A by S.N. SB#

Date

Next Due N/A

Cert. #

08-03-16

Signature

03/11/08 Method of Compliance N/A by S.N. RUDDER-AILERON INTERCONNECT RIGGING/

SB#

Signature

Date

Next Due N/A

Cert. #

08-14-13

08/14/08

CABIN DOOR ROD ENDS AND HINGE PIN/

Method of Compliance BY INSTALLATION OF KIT P/N 70186-005 PER SB 2X-52-07R4

SB#

Date 2/19/2008 397.9 TT

Next Due N/A

Signature

Cert. # Z5SR421Y

09-26-01

12/21/09

ANTI-ICE FLUID DISTRIBUTION LINE COMPRESSION FITTINGS/

Method of Compliance NA BY NOT FIKI

SB# Signature Date

Next Due N/A

Cert. #

INSPECTION DUE STATUS REPORT N445CD 05/2019

Cirrus SR22 / 2504	TSN:	1462.4
Continental IO-550-N/689522	TSN:	1462.4
Hartzell/PHC-J3YF-1N/N7605B	TSN:	1462.4
Next Annual Due:		May 2020
AD's Due:		
93-05-06, IGNITION SWITCH		DUE AT FLIGHT HOBBS 2,000 HRS
Maintenance Due:		·
CAPS ROCKET MOTOR		EXPIRES: 03/2027 (Every 10yrs)
CAPS PARACHUTE		EXPIRES: 03/2027 (Every 10yrs)
CAPS REEFING LINE CUTTERS		EXPIRES: 02/2024 (Every 6yrs)
ELT BATTERY PACK		EXPIRES: 11/2019
EMA CONTROLLER, AAIR		EXPIRES: 03/2021
PILOT SEAT INFLATOR ASSEMBLY		EXPIRES: 12/2028 (Every 10yrs)
CO-PILOT SEAT INFLATOR ASSEMBLY		EXPIRES:12 /2028 (Every 10yrs)
TRANSPONDER CHECK	1	DUE: 01 /2021
MAGNETO 500 HRS INSPECTION	***************************************	DUE AT FLIGHT HOBBS 1589.9



10356 Truckee Airport Rd, Hangar #1 Truckee, CA 96161 530-359-8751 www.flytruckee.com

or CYAR Aviation A. Form Tracking Serings Legradian. **AUTHORIZED RELEASE CERTIFICATE** 11092018-27 **FAA/UNITED STATES** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG 5. Work Order/Contract/Invoice 4. Organization Name and Address: Number Aerospace Components, LLC. - 9291 Airport Road - Lakeview, MI 48850 18-027 PMA number (PQ3948CE) 6. From: 10. Sorial Number: 11. Status/Workt 8. Part Number: 9. Quantity: Denry greens: 1802727 NEW 24 Volt Starter Motor PL 13484 Airworthiness Approval 12. Kennarks 13a. Certifies the items identified above were manufactured in conformity to: 14a. 14 CFR 43.9 Return to Service Other regulation specified in Block 13 Approved design data and are in a condition for safe operation. Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Non-approved design data specified in Block 13. Federal Regulations, and part 43 and in respect to that work, the items are approved for return to service. 13b. Authorized Signature: 13c. Approval/Authorization No.: 14b. Authorized Signature: 14c. Approval/Certificate No.: DMIR-555235651 13d. Name (Typed or Printed): 13e. Date (dd/mmm/yyyy): 14d. Name (Typed or Printed): 14e. Date (m/d/y): William E. Ward 11 / Nov / 2018 User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft/engine/propeller/article. 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 I, it is essential that the user installer ensures that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user-installer before the aircraft may be flown.

FAA Form \$130-3 (02-14)

NSN: 0052-00-012-9005

og Civil Aviation 3. Form Tracking Authority/Country: **AUTHORIZED RELEASE CERTIFICATE** 11092018-27 **FAA/UNITED STATES** FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG 4. Organization Name and Address: 5. Work Order/Contract/Invoice Aerospace Components, LLC. - 9291 Airport Road - Lakeview, MI 48850 Number: 18-027 PMA number (PQ3948CE) 7. 6. Item: Description: 8. Part Number: 9. Quantity: 10. Serial Number: 11. Status/Work: 1 24 Volt Starter Motor PL 13484 1802727 NEW **Airworthiness Approval** 12. Remarks 13a. Certifies the items identified above were manufactured in conformity to: 14a. 14 CFR 43.9 Return to Service Other regulation specified in Block 13 Approved design data and are in a condition for safe operation. Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Non-approved design data specified in Block 13. Federal Regulations, and part 43 and in respect to that work, the items are approved for return to service. 13b. Authorized Signature: 13c. Approval/Authorization No.: 14b. Authorized Signature: 14c. Approval/Certificate No.: DMIR-555235651 13d. Name (Typed or Printed): 13e. Date (dd/mmm/yyyy): 14d. Name (Typed or Printed): 14e. Date (m/d/v): William E. Ward 11 / Nov / 2018 User/Installer Responsibilities It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft/engine/propeller/article. 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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in

FAA Form 8130-3 (02-14)

accordance with the national regulations by the user/installer before the aircraft may be flown.

NSN: 0052-00-012-9005

N445CD

1. Approvin	g Civil Aviation Authority/Count	v 2					11300		
		, L. AUTHO	ORIZED	RELEAS	E CERTI	FICATE	3. Form Tracking N	0.	
	Fransport Canada		F	ORM ON	1Ε		18-206		
4. Organiza	ation Name and Address						5. Work Order/Cont	ract/Invoice	
	97865 2 Tel: (705)326-1368	2 Ontario Ltd. Canadia 648 Ego Sideroad, Sever Fax: (705)326-8105 in Transport Canada Appi	n, Ontario, Ca fo@canadiana	inada aeromanufact	uring.com		18-206	Tacomvoice	
6. Item	7. Description		8. Part No.		9. Qty.	10. Serial/Bate	h No. 11. Status/worl	le Comment	
1					1	CAM18-20		Overhauled	
12. Remark	ss								
	As per TCM Overhaul man Parts replaced as per CAM This Part Complies With FAThis part contains TCCA-P	TCCA-PDA# PDA01-11 A TCDS # E5CE, E3CE DA parts that are not con	ISSUE 2. , E3SO sidered critica	ıl components.	·				
13a. Certific	es that the items identified above we	ere manufactured in conf	ormity to:	14a.	X CAR 5	71.10 Maintenance re	ease.		
appro	oved design data and are in condition	on for safe operation.			Other r	egulations specified ir	block 12.		
	approved desig n d ata specified in bl	ock 12.		Certifies t described Regulation	in block 12, ha	erwise specified in blo as been performed in o	ck 12, the work identification of the Ca	fied in block 11 and anadian Aviation	
13b. Signatu	13d	. Approved Organization	Number	14b. Signatu	re	CAA	14c. Approved Org	ganization Number	
12.1.21	N/A	N/A		Tay	/	(2°4")	3	84-91	
13d. Name	13e	. Date (dd/mmm/yyyy)	1	14d. Name		(NSP)	14e. Date (dd/mmm	n/yyyy)	
	N/A	N/A			Colin D	Ouffy	30/A	aug/2018	

Installer Responsibilities

This certificate does not constitute authority to install.

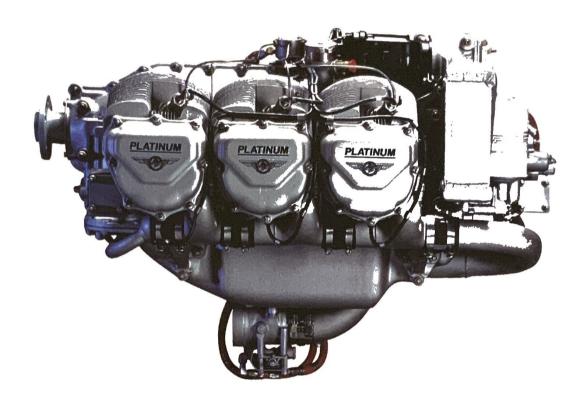
Installers working in accordance with the national regulations of a country other than the specified in block 1 must ensure that their regulations recognize certifications from the country specified.

Statements in blocks 13a or 14a do not constitute installation certification. In all cases, the technical record of the aircraft must contain an installation certification issued in accordance with the applicable national

Internal Form No. QI-31 (Previously form 24-0078)

N445CD Engine Logbook

PLATINUM ENGINE LOG BOOK





CONTINENTAL MOTORS

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

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



Teledyne Continental Motors, Inc.

A Teledyne Technologies Company

Printed: 03/31/2007

This engine model 10550N46

, Serial No. 689522 was manufactured on 03/31/2007

by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY PRODUCTION CERTIFICATE NO. 508

Service Information

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

Engine Returns

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

Teledyne Continental Motors 2039 South Broad Street Mobile, AL 36615



	Total Time Time Since Last Overhaul				Since verhaul	Engine Service and Maintenance Record
		Hrs.	Min.	Hrs.	Min.	mistaliations, inspections. Airworthiness Directives. Special Inspections
May (27	7	I			Modifications and Service Bulletins
						1
						THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE
						NUMBER HAS BEEN INSTALLED ON THIS ENGINE
						SE10589SC
						CDC on 05/29/67.
						Cirrus Design Corporation Duluth, MN USA
						PC# 338CE
						+
				-		4
7						
4 .						
	ENGINE MO	DEL: 10-550	-N Ame	erican Air	craft Ma	intenance, Inc.
	REG. NO: N: WORK ORD	377SR	Repai	r Station No. 7	75SR421V	DATE: 7/19/2007 A/C TSN:
	or are one	LIN. 23092	Santa	Ana, CA 927	77	ENG TT: TACH: 55.6
	Engine E	ntries	THORE	9: (949) 852-8	420	
			ign SR22 5	0 hour inspec	tion Change	od oil and filter, serviced with AS100W Plus oil. Oil sample taken and sent for analysis.
	THIS AIRCR	AFT OR CO	MOONICALE	1140		
1	MAINTENAN	CE RULES	OF 14 CFR	R, IT IS FOUNI	EPAIRED AI D AIRWORT	ND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT HY AND IS APPROVED RETURN TO SERVICE.
1	DATE: 7/19			SIGNED:	W.	
					$-\mathcal{H}$	Work Order: 23092
1		T				Printed by EBis 3 (datcomedia.com)
1						The same of the sa
	ENGINE MOI)FI · IO-550	N A			
	ENGINE S/N: REG. NO: N3	689522	,	Station No. Z	craft Mai	ntenance, Inc.
	WORK ORDE		19711-	B Campus Dr Ana, CA 9270	ive	A/C TSN: 115 ENG TT: 115 HOBBS: 115
			Phone:	(949) 852-84	20	100b5. 115
	Engine E					
F	Plus oil. Filter	opened and	inspected,	no contamina	Manufacture tion found. L	er's Service and/or Maintenance Manual. Changed oil and filter, serviced with AS100W eak check satisfactory. All Airworthiness Directives are in compliance at this time through
ir	njector nozzle	s for ultra-so	nic cleaning	o cleaned an	d reinstalled	eak check satisfactory. All Airworthiness Directives are in compliance at this time through 66/80, #4 65/80, #5 74/80, #6 66/80 Oil sample taken and sent for analysis Removed las per TCM SID05-7. Run-up normal with no leaks noted at this time Set fuel system
_					,	
N	MAINTENAN	E RULES O	F 14 CFR,	HAS BEEN RE IT IS FOUND	PAIRED AN AIRWORTH	ID/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT HY AND IS APPROVED RETURNATO SERVICE.
1	DATE: 8/22/			SIGNED:	. /	
_	JATE. 0/22/	2007		SIGNED.	- 1/	Work Order: 23167
						Printed by EBis 3 (datcomedia.com)
						· a · · · · · · · · · · · · · · · · · ·
		DEL 10 550				
	ENGINE MO	689522		erican Aiı ir Station No.		intenance, Inc. DATE: 9/13/2007 A/C TSN: 169.2
	REG. NO: N WORK ORD		1971	1-B Campus [Drive	ENG TT: 169.2 HOBBS: 169.2
				a Ana, CA 927 e: (949) 852-8		
	Engine E	ntries				
	Complied wi	h Cirrus Des	ign SR22	50 hour inspe	ction. Chang	ed oil and filter, serviced with AS15W50 oil. Oil sample taken and sent for analysis.
	THIS AIRCR	AFT OR CO	MPONENT	HAS BEEN	REPAIRED A	AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT
	THIS AIRCR	AFT OR CO	MPONENT OF 14 CFF	T HAS BEEN I R, IT IS FOUN	REPAIRED A ID AIRWOR	AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT THY AND IS APPROVED RETURN TO SERVICE.
	THIS AIRCR MAINTENAM DATE: 9/1	ICE RULES	MPONENT OF 14 CFF	T HAS BEEN I R, IT IS FOUN SIGNED:	REPAIRED A	AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT THY AND IS APPROVED RETURN TO SERVICE. Work Order: 23231 Printed by EBis 3 (datcomedia com)

Date	Tota	l Time	1	Since Overhaul	Engine Service and Maintenance Reco	ora
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspect Modifications and Service Bulletins	ions
rought Forward		-			modification division and a second	_
		1				_
		TDL	AERO	ENTER	RPRISES	_
			ACREADY DR MERCED MU	INICIPAL AIR	RPORT	_
N 377SR	1		722-7700 H 297.6		7 722-3402 IT 297.6 DATE12/31/07	
CHANGE	D OIL, FILTED, WASHE	TER REPLA D DOWN E	ACED, SPAR	RK PLUGS C	LEANED AND GAPED, TIMING ED RUN-UP.	_
COMPLE	TED ENGIN	NE TOP CA	RE INSPEC	TION AND E	ENGINE FUEL SYSTEM RUS MAINTENANCE MANUALS	_
PER TOR	NADO ALL	EY INC. CL	EAN AND R	EÓIL INDUC	CTION SYSTEM AIR FILTER ORE THAN 50% COVERED	_
		1	1//	1		_
WASTEG NEW, PER	ATE, EXHA	UST GASKI O ALLEY IN	ET, FLANGE	GASKET,	UGH SHAFT AND REPLACED PIN_AND TURBO GASKET WITH CTICES. COVERED UNDER	
l CERTIFY hr. INSPE	THAT THIS	S ENGINE I	HAS BEEN II ERMINED TO	NSPECTED O BE IN AN	IN ACCORDANCE WITH AN 100 AIRWORTHY CONDITION.	
CHRIS W	PALAGE AF	P3177058				_
		T	T	T		
ENG REG	BINE MODEL BINE S/N: 689 BINE NO: N3778 RK ORDER: 2	9522 SR 23470		on No. Z5SR4: npus Drive CA 92707	t Maintenance, Inc. DATE: 1/30/2008 A/C TSN: 355.5 ENG TT: 355.5 HOBBS: 355.5	
	ine Entri					
Drain safeti	ed engine oil ed. Washed	. Removed fi engine. Ran	ilter and cut o engine to che	pen for inspec eck for leaks.	ction. No defects found. Serviced engine with AS15W50 oil. Installed new filter, torqued and No leaks observed Oil sample taken and sent for analysis.	
THIS	AIRCRAFT (OR COMPON	VENT HAS RE	EN DEDAID	ED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT /ORTHY AND IS APPROVED RETURN TO SERVICE.	
DATE	: 1/30/2008	8	SIGN	ED:	Work Order: 23470	
				-	Printed by EBis 3 (datcomedia.com)	
			- 1	1		
1						
ENGIN REG. N	E MODEL: 10 E S/N: 68952 IO: N377SR ORDER: 234	22 Re 497 . 19 Sa	American epair Station I 9711-B Campi anta Ana, CA none: (949) 85	No. Z5SR421 us Drive 92707	Maintenance, Inc. DATE: 2/19/2008 A/C TSN: 397.9 ENG TT: 397.9 HOBBS: 397.9	
Engin	e Entries		, , -, ••			
bi-weekly all spark inspectio as per TC	vissue 2008- plugs Clea n, no defects CM SID 97-31	-02. Compre aned and re- s noted Re D and Torna	essions #1 52/ oiled K&N air emoved, inspe do Alley mair	/80, #2 62/80, filter elemen ected, and cle ntenance mar		
THIS AIR MAINTEN	CRAFT OR (COMPONEN ES OF 14 CF	T HAS BEEN	N REPAIRED JND AIRWOR	AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT RTHY AND IS APPROVED RETURN TO SERVICE.	
DATE: 2	/19/2008		SIGNED):	Work Order: 23497	
					Printed by EBis 3 (datcomedia.com)	- 19
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			-	-	des de	Marin

Date **Total Time** Time Since Engine Service and Maintenance Record Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections, Hrs. Min. Hrs. Min. Modifications and Service Bulletins Brought Forward ENGINE MODEL: 10-550-N ENGINE S/N: 689522 REG. NO: N377SR American Aircraft Maintenance, Inc. DATE: 3/20/2008 WORK ORDER: 23576 Repair Station No. Z5SR421Y 19711-B Campus Drive Santa Ana, CA 92707 A/C TSN: 441.1 ENG TT: 441.1 Phone: (949) 852-8420 HOBBS: 441 1 **Engine Entries** Drained engine oil. Removed filter and cut open for inspection. No defects found. Serviced engine with AS15W50 oil. Installed new filter, torqued and safetied. Washed engine. Ran engine to check for leaks. No leaks observed.... Oil sample taken and sent for analysis. THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE. DATE: 3/20/2008 SIGNED: Work Order: 23576 Printed by EBis 3 (datcomedia.com) ENGINE MODEL: 10-550-N ENGINE S/N: 689522 REG. NO: N377SR American Aircraft Maintenance, Inc. DATE: 4/14/2008 A/C TSN: 460.2 ENG TT: 460.2 Repair Station No. Z5SR421Y WORK ORDER: 23608 19711-B Campus Drive Santa Ana, CA 92707 Phone: (949) 852-8420 HOBBS: 460.2 **Engine Entries** Extended ground run/power check: all readings normal; 29.3" map at 2670 RPM with 33.6 gph. Compression check of #1 cylinder 58/80 (master orifice reading 48/80). Inspected induction and exhaust system for signs of leakage or other defects, none noted. Magneto timing at 22 degrees BTDC. Inspected turbochargers for damage, none found.... Replaced turbo controller with new unit P/N 470688-0005, S/N LBN00737. Ground power run and THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED BETURN TO SERVICE. DATE: 4/14/2008 SIGNED: Work Order: 23608 Printed by EBis 3 (datcomedia.com) ENGINE MODEL: 10-550-N American Aircraft Maintenance, Inc. ENGINE S/N: 689522 DATE: 5/23/2008 REG. NO: N377SR Repair Station No. Z5SR421Y A/C TSN: 479.2 ENG TT: 479.2 WORK ORDER: 23701 19711-B Campus Drive Santa Ana. CA 92707 HOBBS: 479.2 Phone: (949) 852-8420 **Engine Entries** Completed Cirrus pre-buy inspection and evaluation. Changed oil filter and inspected, found clean. Compression check #1 60/80, #2 68/80, #3 68/80, #4 65/80, #5 68/80, #6 70/80. Brake pad and disc inspection within limits. THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE. DATE: 5/23/2008 Work Order: 23701 Printed by EBis 3 (datcomedia.com) ENGINE MODEL Cirrus Design Factory Service Center DATE 7/10/2008 10550N46 A/C TSN 585 3 ENG TT 585 3 Repair Station No YD5R855Y ENGINE S/N 689522 4515 Taylor Circle REG NO 377sr Duluth, MN 55811 HOBBS 585.3 WORK ORDER 11535-07-2008 **Engine Entries** (1) Performed incoming and completion checklist per RSM form 21 F1 (2) Replaced Induction duct (PN ETI-G2-200-M2-1) with anti-chafe pad installed IAW TATI Report 215-10 (3) Drained engine oil and removed oil filter, performed particulate inspection of removed filter, no discrepancies noted Installed new Champion oil filter P/N CH48108-1 and serviced engine with 8 quarts of Aeroshell 15W-50 oil, leak and operational check satisfactory. All work performed IAW CDC AMM 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: 7/10/2008 SIGNED: Work Order: 11535-07-2008 Tim O'Reilly Printed by EBis 3 (datcomedia.com) Certified Repair Station No YD5R855Y

Date	Total	Time		Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
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COMMO	LOGBOO WEALTH A	OK ENTRY VIATION SE	RVICE, INC	,	
				тм	
d/t	/a MILLION		IOND		
Manufacturer: Cirru Model: SR2	IS	WR051W Da		17/2008	
S/N: 2504	Į.	Re	g#: N3	080927 377SR	
TTE: 561.	/		TT: 56 ght Hobbs: 56	1.7 1.7	
E	NGINE LOGI	BOOK INSE	RT		
The aircraft and/or compo accordance with current l	ederal Aviat	ion Regulation	ons and was for	und airworthy	·
for return to service for th are on file at this repair st	e work perfor ation.	rmed. Pertin	ent details of th	his work order	•
Ran engine to operating t Inspected filter element for	emperature.	Drain oil and	removed oil fi	Iter.	
new oil filter P/N AA48108 15W50 oil. Performed en	and service	d the engine	with 8 quarts of	of Aeroshell	
Removed defective right wa	aste gate and	replaced with	a new waste o	ate P/N 22	
6150026 and new gaskets new. OP's and leak check	P/N FG0120	0830. Replac	ced worn clevis	s pin with	
Signed:	9	_			
Print John	T. Gar	drer			
	for EALTH AVIA				
F.A.A. Appro	ved Repair S	Station No. V	XWR051W		
	ENGINE M	10DEL	6		
14	ENGINE S	/N 689522	M.	Repair	US Design Factory Service Center Station No YD5R855Y DATE: 10/15/2008 A/C TSN, 686
	REG NO : WORK OR 12157-10-2	DER	CIRR	us Duluth	Taylor Circle
	Engine	Entries			
	(3) (Flight Holl Perform	Hours 600 5 ned particula) Changed en	igine oil and fitt of plug and rem	er, Champion CH48108-1, P/N 50857-001 Service. igine with 8 quarts of Aeroshell 15W-50 engine over filter, checked satisfactory Performed opera. ial and leak checks Operational and leak
	I have review	wed the file of	on this aircraft	and the accom	Danung degrapage (- T
	was repaired details of rep	d/inspected i	n accordance le at this Certi	with current refied Repair Stat	panying discrepancy forms. The aircraft, airfran/ aircraft engine, propeller, or appliance identified equirements of the Federal Aviation Administratic/ and is approved for return to service. Pertinent
	DATE: 10/	15/2008		SIGNED	
				Steven LaMour	Work Order: 12157-10-2008 Printed by EBis 3 (datcomedia.com)
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Date	,			₩ × ±
	ENGINE MODEL 10550N46 ENGINE SM 689522 REG NO 3775r WORK ORDER	Cirrus Design Factory Service (Repair Station No YD5R855Y 4514 Taylor Circle	Center	DATE 11/15/2008 A/C TSN 686 ENG TT 686 HOBBS 686
ought Forward .	12282-11-2008	Ciraes Duluth, MN 55811 Phone 218- 788-3438		HODDS 560
	Engine Entries			
	10-500556-1015, SN DOSEA DO7CA284). Removed Ignition RHB32E and Replaced with (C Wastegate Control Rod and R Replaced left turbo lateral supplied the string of the string	led engine oil and filter, Champion CH48108-1, P/N 50857-00 election on old filter, checked satisfactory. Performed operational us SR22 A M M 12-10. (5) Removed LH magneto (P/N 10-50056-101 S/N DO7DA hamess (P/N 10-423674-19 and Replaced with magneto (P/N 25-650001) and the properties of the propert	CPS and replaced with (PN 10-50558-101), SN DOTCA187) and Replaced with (PN 10-500558-104-33, SN 4084). Removed Spark Plugs (C CM MSB94-8C, and CDC SR22 MM 74-20-08). Work done IAW ETI Report 22-64600 Maintenance Manual (8) Replaced right to the control of the	old All Work inth (P/N) i1S, S/N :hampion (6) Removed i1 (7) urbo inboard
	I have reviewed the file on this was repaired/inspected in acc details of repair are on file at the	aircraft and the accompanying discrepancy forms. The aircraft ordance with current requirements of the Federal Awation Admir is Certified Repair Station CRS 2058855Y	, airframe, aircraft engine, propeller, or appl iistration and is approved for return to service	iance identified ce Pertinent
	DATE: 11/15/2008	SIGNED: Casey Komarek Certified Repuir Station No YD5R855Y	Work Order Printed by EBis 3 (c	: 12282-11-2008 latcomedia.com
	DUPLICATE	Consider Repull Maiorino 125R6551		
	GINE MODEL 50N46	Cirrus Design Factory Service Center		· · · · · · · · · · · · · · · · · · ·
EN:	301446 SINE S/N 689522 SINO 377sr PRK ORDER	Repair Station No. YD5R855Y 4514 Taylor Circle Dulth, MN 55811	A/C 1 ENG	1/29/2009 ISN 796 2 TT 796 2 BBS 796 2
	93-01-2009 Igine Entries	Phone 218- 788-3438		_
ass acc are instance in the control of the control	pechon on old filter, checked satisfarembly, PN ETI-SR22-103-2. Replacembly, PN ETI-SR22-103-2. Replacembly, PN ETI-SR22-103-2. Replacembly, PN ETI-SR22-103-2. Replacembly and properties of the second compressions are as follows formed IAW T.C.M. MM section 12 (20) Persection 12 (21) Removed and renoved, cleaned, inspected, and rein ort PN 215-10 (42) Performed incided in the section of PN 215-10 (42) Performed in the section of PN 215-10 (42) Performed in the section of PN 215-10 (43) Performed in the section of PN 215-10 (42) Performed in the section of the sect	ne Annual/100HR inspection IAW cirrus mm chapter 5-20 and 5 8-1, P/N 50857-001. Serviced engine with 8 quarts of Phillips 20 ctory. All work was accomplished I A.W. Cirrus SR22 A.M.M. 1. 25-61 and TAT Turbo Installation Manual (14) Researched enginemed engine cylinder compression and boroscope inspection of 14 77 /80, #2 77 /80, #3 64 /80, #4 64 /80, #5 70 /80, #6 and T.C.M. S.B. 03-3 (19) Removed, cleaned, inspected, ga formed magneto to engine timing inspection, no discrepancies in placed induction air filter with new, P/N 33-2022 IAW TAT Airbot stalled fuel injection nozzles IAW T.C.M. MM section 5 (23) Plinspection for continued airworthiness on turbo componants IAW thiting P/N AN919-2 on master wastegate controller. Done IAW 15th part of 14 Work IAW Teledyne Continental IO-550 Overhaul Manuuland Oct 17 2008 for details Engine component information in AW TAT installation instructions (88) Replaced right turbo integraled #3 intake tube gasket P/N 649950 at cylinder fingle hend Field Field-Flow at Aneroid-Bellow IAW Tomado Alley Turbo Michanic with a 100 HR/Annual inspection and was determined to	JW 50 mineral engine oil. Performed partic. 2-10. (11) Replaced lett exhaust manifold. 1006, LC085H03S and MS21250-05020. Al 1010 ADs through bi-weekly issue 2009-02. 102 is, no discrepancies noted on boroscope. 103 fested, rotated, and reinstalled spark, 104 is installation drawing 22-5850001 REV. 105 installation drawing 22-5850001 REV. 107 installation drawing 22-5850001 REV. 108 installation drawing 22-5850001 REV. 109 installation drawing 22-5850001 REV. 100 installation	ulate
I ha wa det	ave reviewed the file on this aircraft s repaired/inspected in accordance ails of repair are on file at this Certif	and the accompanying discrepancy forms. The aircraft, airfran with current requirements of the Federal Awation Administration in Repair Station CRS YDSR855Y	ne, aircraft engine, propeller, or appliance in and is approved for return to service. Pe	dentified -
DA	TE: 1/29/2009	SIGNED: Dan Stanke	Work Order: 1249	3.01.2000
		Dave Ruuskanen Certified Repair Station No YD5R855Y	Printed by EBis 3 (datcon	
	S	outheast Aero Se	ervices	
	~		11000	
		St Augustine, FL.		

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

TCM IQ₂550-N G3-Turbo Hobbs: hrs. Flight Hour: hrs.

s/n: 689522

N377SR

04-22-09 Hobbs: hrs. Flight Hour: hrs. Oil drained, sample taken. Filter removed and inspected for contaminants. None found. New filter installed and engine serviced to capacity with Aeroshell 15W50 oil. Engine ran and leak checked satisfactory.

Bryan M Wood A&P3216290

Date	Tota	al Time		Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward				-	•
				S	Southeast Aero Services
					St Augustine, FL.
			71.01	110 550	Phone (904) 824-1899/Fax (904) 824-6334
	0	3-25-09	Hobb	s: 820.6h	O-N G3-Turbo s/n: 689522 N377SR urs. Flight Hour 134.7hrs. Installed new TIT Probe. Ops check good.
				1	Pran M Wood A&P3216290
		1 1			
		·	C	-41	ant Ama Compiana
			501	utne	east Aero Services
			Pho	ne (904	St Augustine, FL. 4) 824-1899/Fax (904) 824-6334
	_		550-N	G3-Tur	bo s/n: 689522 N377SR
05-1-09					I new starter adapter assembly (see 8130-3 dated 4-26-09). Applied ectors. Engine ran, systems opps checked normal.
dielecti	ic comp	oound to	#6 Cyl C	Brya	m M Wood A&P3216290
		۷.			
<i>LE</i>	AD	M	55) f	
				ICES, INC	C
Date: 2/19/2010; A	ircraft: N				AUTHORIZED SERVICE CENTER 2504; Hobbs: 912.9; Total Time: 824.5; Engine - Type: IO-550-N, S/N: 689522,
Time: 824.5		· #- 0.0			
					tory new cylinder assemblies with reference to TCM Overhaul Manual X30568A.
service pertaining to	s periorn work pe	erformed.	ordance v	vith curren	t regulations of the Federal Aviation Administration and is approved for return to
Ro	bert Zura	awski	Springer	Rd. Tampa,	A&P 267433553
	Tai	mpa Exec	utive Airp	ort (KTPX)	813 626 1515
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	Date	Total	Time		Since verhaul	Engine Service and Maintenance Record
		Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections,
В	rought Forward		-			Modifications and Service Bulletins
	1-6	An	LN	Cr		
	LE	AU		UE	06	
			AVIATI	ON SERI	VICES, IN	C. CIRRUS
	Date: 2/19/2010; A Time: 824.5	Aircraft: N	1377SR;	Гуре: CIRI	RUS; S/N:	AUTHORIZED SERVICE CENTER 2504; Hobbs: 912.9; Total Time: 824.5; Engine - Type: IO-550-N, S/N: 689522,
Н	-Complied with Cirr	rus 100hi	r inspection	on checklis	st.	
Н						aks and general overall condition. V50. Removed and replaced oil filter, cut open oil filter for inspection. Collected oil
Н	-Removed cleaned	gapped	spark plu	as verified	correct m	up.
Н	-Inspected Fuel no	zsion cn zzles for	leck 1/75 leaks	,2/64,3/60),4/64,5/67	7,6/56. Master Orifice Reading 44PSI.
Н	-Inspected electrical- Inspected Fluid ca	arrying ho	ses.			
Н	-Removed gascola -Cleaned inspected	d, and se	rviced K8	N airfilter	as needed	4. H
Н	-Removed Iskra sta -Removed loose m	arter and	replaced	with new	Sky Teck	starter P/N 657596 as required
Н	-Removed rust on - Replaced intake p	prop flan	ge and pa	ainted surf	ace as rec	ruired. No pitting noted at this time
Н	-Adjusted the M/P -Verified AD compl	as requir	ed with re	eference to	TAT spec	c.
Н	 Complied with A/D 	2009-16	5-03, N/A	by engine	M/N.	
Н	-Complied with A/E -Performed post in	spection	operation	al check of	of aircraft s	e and engine S/N. systems - all working normal at this time.
	-Work performed w					
	I certify this engine airworthy at this time	has bee ne.	. / /	0 10	ordance wi	th a100 hour inspection with reference to Cirrus AMM Section 5-20 and is found to be
Н	St	teve Mille 65		a Springs	Rd. Tamp	A&P 2700197IA pa, FI 33610
Н		Т:	ampa Exe	ecutive Air	port (KTP	X) 813 626 1515
_						
_	- LE	AL	IIN	G E		
			-AVIA7	TON SER	RVICES, II	NC.
	Date: 3/03/2010:	Δircraft: N	Tamp	a, FL	DIIQ. Q/N	AUTHORIZED SERVICE CENTER
	Time: 829.8	All Grant. 1	4077OIX,	Type. Oil	1100, 0/1	I: 2504; Hobbs: 918.2; Total Time: 829.8; Engine - Type: IO-550-N, S/N: 689522,
	-Replaced starter	drive with	new par	t# 642083	-1A2 drive	e assy.
	The above work wa	as perfor	med in a	ccordance	with curre	ent regulations of the Federal Aviation Administration and is approved for return to
	service pertaining	to work p	erformed		7	
	R	obert Zur		2 Springs	Pd Tame	A&P 267433553 pa, Fi 33610
		T	ampa Ex	ecutive Ai	rport (KTP	PX) 813 626 1515
1					1	
			-			
-						

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

Reg: N377SR

Model: Continental 10-550

TTE: 875.6

SAM Saint Augustine Aviation Maintenance

270 Estralla Ave.

St Augustine, FL 32095

Date

4/28/2011

TTA: 875.6

Tach 875.6

Hobbs 964.0

Maintenance Record (Engine) TSMOH:

Performed a ANNUAL inspection in accordance with CIRRUS SR22 maintenance manual and Part 43 Appendix D.
Compressions (#1) 73/80; (#2) 71/80; (#3) 72/80; (#4) 76/80; (#5) 71/80; (#6) 72/80. Serviced and rotated spark plugs. Drained and serviced oil with 8gts Aeroshell w100 and R&R oil filter. Cleaned and serviced fuel injectors, and R&R applicable injector gasket and o-rings. Cleaned and re-oiled intake air filter. All applicable AD's C/W at this time. Opsicheck ok

I certify that this Engine has been inspected in accordance with a KNN BAL inspection and has been determined to be in airworthy condition

Saladino Travis A&P 3146414 IA

LEADING ED



AUTHORIZED SERVICE CENTER

Tampa, FL Date: 7/06/2011; Aircraft: N377SR; Type: CIRRUS; S/N: 2504; Hobbs: 970.0; Total Time: 881.6; Engine - Type: IO-550-N, S/N: 689522,

Time: 881.6

- Removed then installed LH mag PN 10-500556-101 SN D08EA216 after 500 Hr inspection completed by Quality Aircraft Accessories.

Outside Repair Completed: 7/05/2011 Item: 10-500556-101, S/N: D08EA216

Repaired By: Quality Aircraft Accessories Inc. PO #: LEA-17878

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

Paul Stern

A&P 3078823

6582 Eureka Springs Rd. Tampa, FI 33610 Tampa Executive Airport (KVDF) 813 626 1515

2601 Cessna Lane Kennesaw, GA 30144 770-427-4954

LOG ID# 15089 07-June-2013 WO# 13144

N445CD S/N 2504 **CIRRUS**

Pg 1

AVIATION, INC.

HOBBS 887.8 TTENG 887.8

*** ENGINE LOG ENTRY ***

SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. REPLACED THE FOLLOWING: CRANKSHAFT SEAL P/N 641250, #1 CYLINDER FUEL INJECTOR LINE CLAMP P/N 652436-1, BAFFLE SEAL P/N T-1001-4-R AND ALL SPARK PLUGS P/N URHB32E. REPOSITIONED LEFT SIDE HEAT SHIELD AND SERVICED TO PREVENT CHAFING. RETORQUED ALL OIL SUMP BOLTS. REPOSITIONED LEFT TURBO OIL LINE AND ADDED CHAFE TO PREVENT CHAFING AND SECURED. REMOVED ALL LIFTERS - INSPECTED AND REINSTALLED. TIMED MAGS TO 21.5 DEGREES. CLEANED AND TREATED ENGINE AIR FILTER. DRAINED OIL. CHECKED AND REPLACED OIL FILTER - NO METAL NOTED. OIL SAMPLE TAKEN. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH AEROSHELL 50/100W OIL. WASHED ENGINE, RAN ENGINE - ALL CHECKS NORMAL. NO OIL LEAKS NOTED. LUBRICATED TURBO CONTROLS. INSPECTED EXHAUST SYSTEM. CLEANED FUEL INJECTORS. PERFORMED COMPRESSION CHECK: #1 76/80 #2 65/80 #3 66/80 #4 76/80 #5 64/80 #6 64/80. SET FUEL PRESSURES IN ACCORDANCE WITH SID 97-3E. I CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

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#13144 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

DK7R795J FOR DLK AVIATION. THE

	lotal	Time	Time	Since	Engine Convice and Maintenance Decord
				verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
rought Forward		-			
7-9-13 area and	Hobbs:9	M IO- 78.9hrs I new s	Phone 550-N Engir	(45) ne Total 7	Aero Services Inc. St Augustine, FL. 824-1899/Fax (904) 824-6334 s/n:689522 N445CD Time:890.6hrs Removed prop, remove crankshaft seal. Clean crop reinstalled using new packing, hardware torque to spec. led drain fitting. Engine ground run, adjusted idle mixture and
speed. No			cynnder	1	M Wood A&P3216290
ENGINE MODEL: 10-550-N ENGINE S/N: 689522 REG. NO: 445CD WORK ORDER: 15593-09-2013	CIRRUS	Repair : 4961 Ai Duluth,	Is Design Station No. YD5 rport Road MN 55811 218-788-3438		DATE: 9/28/2013 A/C TSN: 921.8 ENG TT: 921.8 HOBBS: 1010.2
engine with 8 qual satisfactory. Performance accomplished I.A. (9) Adjusted Manif	rts of Aerosh ormed opera W. Cirrus S fold Air Pres	hell 15W-s ational and R22 A.M.I ssure Conf	50 engine of leak check M. 12-10. IV troller to ac	il. Performe ks. Op's and V hieve 30.5"	hampion CH48108-1, P/N 50857-001. Serviced hed particulate inspection on old filter, checked hd leak checks good. All work was 'hg at full throttle IAW TATI ICA 22-6460004.
propeller, or appliance Administration and is YD5R855Y.	ce identified w s approved for	vas repaired r return to so	Vinconted in	accordance i	ncy forms. The aircraft, airframe, aircraft engine, a with current requirements of the Federal Aviation of repair are on file at this Certified Repair Station CRS Work Order: 15593-09-2013
DATE: 9/26/2013		GERALD: Gerald Mens	en		
					Printed by EBis 3 (datcomedia.com)
		ertified Rep	air Station N	lo. YD5R855Y	
REG NO WORK OF 15811-01-	MODEL 16 5/N 689522 N445CD RDER 2014	ertified Rep	C Re 49	irrus Des	Sign Factory Service Center DATE 3/12/2014 A/C TSN 952 2 ENG TT 952 2 Dad HOBBS 1940 6
10.556.Nd ENGINE 3 REG NO WORK OF 15811-01- Engine (10) Flig (13) Res (17) (FL' 15W-50 Op's and (18) Per compres performe (19) Ren (20) Per Maintena (21) Rep (22) Ren	MODEL 16 MODER 16 MODER 16 MODER 2014 EEntries At meter(95 Searched all T TIME: 95 engine oil. d leak check formed engi sions are as ed IAW CMI noved, clear formed mag ance Manual blaced induct noved, clear	12.2) Perf applicable 2.2 Hrs.) Performer is good. A ine cylinde is follows: I Service I ned, inspe gneto to en Il M16. tion air filt ned, inspe	formed engine All Changed de Engine All Changed de Indiana (Indiana Indiana In	irrus Des pair Station N 61 Airport For Juluth, MN 553 I Julith, MN 553 I	Sign Factory Service Center No. YD5R855Y No. YD5R855Y ACT TSN. 952.2 ENG TT. 952.2 HOBRS. 1940.6 ACT TSN. 952.2 ENG TT. 952.2 E
IO-556-Na	MODEL 16 SAN 689522 N445CD RDER 2014 EEntries ht meter(95 searched all T TIME: 95 engine oil. d leak check formed engi sions are as ed IAW CMI moved, clear formed mag ance Manual blaced induct moved, clear formed and func- moved dide ar	12.2) Perf applicable 2.2 Hrs.) Performers is good. A ine cylindes is follows: i Service I ned, inspe gneto to en I M16. tion air filt ned, inspe preto to en I M16. tion air filt ned, inspe preto to en I M16. tion air filt ned, inspe i P/N off 6 CReplaced and leak ch and mixture	formed engine Engine All Changed diparticulat and the agont to 700 RP	irrus Des pair Station N 61 Airport Foe juluth, MN 5531 ine 100HR// D's through engine oil at e e inspection s accomplis sion and bo #2 64/80, #3 SB03-3. ed, tested, g inspection v filter P/N 3 reinstalled fi bry. All wor oller P/N 4	Sign Factory Service Center No YD5Rx55Y A/C TSN 952 2 ENG TT 952 2 HOBRS 1940 6 AAC TSN 952 2 HOBRS 1940 6 AAC TSN 952 2 HOBRS 1940 6 AAC TSN 952 2 HOBRS 1940 6 AAC TSN 952 2 HOBRS 194
IO-556 NA	MODEL 16 SAN 689522 N445CD RDER 2014 Entries ht meter(95)searched all T T TIME: 95 engine oil. d leak check formed engines are as ed IAW CMI moved, clear formed magance Manual placed Alt 1: und and function and and function are as ed IAW CMI moved, clear formed magance Manual placed Alt 1: und and function and and function are as educated in the function of the moved and F 109. OPS an asset of the function of t	12.2) Perf applicable 2.2 Hrs.) Performers is good. A ine cylindes is follows: i Service I ned, inspe gneto to en I M16. tion air filt ned, inspe preto to en I M16. tion air filt ned, inspe preto to en I M16. tion air filt ned, inspe i P/N off 6 CReplaced and leak ch and mixture	formed engine Engine All Changed diparticulat and the agont to 700 RP	irrus Des pair Station N 61 Arport Roz Juluth, MN 5531 Jone 218-788 Jone 100HR// D's through engine oil at e inspection s accomplis sion and bo #2 64/80, #3 SB03-3. ed, tested, g inspection v filter P/N 3 reinstalled fi N H-031466 Dry. All wor coller P/N 4 PM with a 50 Companying ent requirement ed Repair State	Sign Factory Service Center No YD5Rx55Y A/C TSN 952 2 ENG TT 952 2 HOBRS 1940 6 A/C TSN 952 2 ENG TT 952 2 HOBRS 1940 6 AND SHOWLY STREET

Date	Tota	al Time	Time :		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections	d s.
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins	
Brought Forwa	rd —	-				
				5/1	Engine Logbook Entry AIRCRAFT: N 445CD	-
Date 4/9/20			1/1	1/2	CRS AWKR298C S/N 2504	-
W/O# 135		SCREPAN	CIES NOT	ED. OIL	25170 Aviation Ave., Davis, CA 95616 R. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, I SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILT 7 QUARTS W100 ENGINE OIL. RUN UP AND LEAK CHECK NORMAL.	NO - ER _
Hobbs	AN	The Ai	ircraft an	d/or co	mponent identified above was repaired and inspected IAW FAA bund airworthy to return to service only for the work performed the repair are on file at this agency: Shawn Matthles AWKR298C	, - y -
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Date 10/24/2014	ı	Port	77		Engine Logbook Entry AIRCRAFT: N 445CD	-
W/O# 13989		WOOD	LAND AV	IATION	CRS AWKR298C S/N 2504	
	DRAIN	ED OIL AN	ND REMO	VED FIL	25170 Aviation Ave., Davis, CA 95616 TER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO	
Tach / 1050	2 DISCRE	PANCIES	NOTED.	OIL SA	MPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW	
Hobbs		ED NEW			TH AEROSHELL W100 ENGINE OIL. INSTALLED NEW OIL QUICK DRAIN . GATE ACTUATOR CLEVIS PIN AND KEEPER. OPERATIONAL CHECK	
	Th	e Aircraft	t and/or	compo	nent identified above was repaired and inspected IAW FAA	_
	reg	gulations	and was	f the re	airworthy to return to service only for the work performed pair are on file at this agency: Signed:	
		oranent (uvians U		Shawn Matthies AWKR298C	
	· I	1 .	1	1		\neg
e 11/26/2014			mg - /2		Engine Logbook Entry AIRCRAFT: N 445CD	\dashv
		1	1/1		CRS AWKR298C S/N 2504	\dashv
//O# 14083			AND AVIA		25170 Aviation Ave., Davis, CA 95616	\dashv
Fach / 1066.7	APPLIED PROPELLE	PRIMER ER. SECUE	TO EXPO	SED C TORQU	ONT SEAL. COMPLIED WITH CONTINENTAL SB M76-4. CLEANED AND RANKSHAFT FOR PROTECTION FROM CORROSION. REINSTALLED - ED ATTACHING HARDWARE. OPERATIONAL / LEAK CHECK GOOD.	-
	The	Aircraft a	and/or co	ompone	ent identified above was repaired and inspected IAW FAA	
	regu Pel	iations ai rtinent de	nu was 1 etails of	ouna a the rep	irworthy to return to service only for the work performed.	\dashv
					Shawn Matthies AWKR298C	\dashv
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Date 4/2/2015 W/O# 14129



Engine Logbook Entry AIRCRAFT: N 445CD

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

Tach / Flight

1089.9 ACCORDANCE WITH APPLICABLE MANUALS.

COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK COMPLETED IN

Eng TSN Eng TSO

TTAF

COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER TCM SERVICE BULLETIN 03-3, COMPRESSION 1089.9 TEST RESULTS: #1-69/80, #2-62/80, #3- 73/80 #4-77/80, #5-69/80, #6- 57/80. MASTER ORIFICE:48 PSI

DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO N/A DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW

1089.9 FILTER AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL COMPLIED WITH TELEDYNE CONTINENTAL MOTORS MANDATORY SERVICE BULLETIN

100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE. REMOVED LEFT AND RIGHT MAGNETOS AND INSPECTED INTERNAL TIMING. LEFT MAGNETO WAS FOUND IN SPECS. REINSTALLED LEFT MAGNETO WITH NEW GASKET P/N 649954 AND TIMED TO ENGINE AS PER CIRRUS TAT ICA. SENT RIGHT MAGNETO P/N 10-500556-101 S/N D07CA284 TO AIRCRAFT ELECTRICAL COMPONENTS, INC. (CRS#S7HR883J) W/O #67506 FOR REPAIR. REINSTALLED REPAIRED RIGHT MAGNETO WITH NEW GASKET P/N 649954 AND SET TIMING TO SPEC AS PER CIRRUS TAT ICA.

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

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

Shawn Matthles AWKR298C

			,
 			Engine Loghook Entry AIRCRAFT: N 445CD
		-	I-paine Laggoria Ciluv

Date 11/23/2015



Engine Logoook E

W/O# 14856

CRS AWKR298C

S/N 2504

25170 Aviation Ave., Davis, CA 95616 REMOVED RIGHT MAGNETO, INSTALLED NEW POINTS AND CONDENSOR, ADJUSTED INTERNAL TIMING 1157.8 AT PER TCM MAINTENANCE / OVERHAUL MANUAL. REINSTALLED RIGHT MAG AND RESET MAG TIMING TO

Tach

22.0 DEGREES. OPERATIONAL RUN UP AND LEAK CHECK GOOD.

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

Shawn Matthies AWKR298C

Date 3/15/2016 W/O# 15073

Tach



Engine Logbook Entry AIRCRAFT: N 445CD

CRS AWKR298C

S/N 2504

25170 Aviation Ave., Davis, CA 95616

INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO 1181.7 DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS OF AEROSHELL W100 ENGINE OIL. RUN UP AND LEAK CHECK NORMAL.

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

Shawn Matthies AWKR298C



Date 5/2/2016 W/O# 15148



Engine Logbook Entry AIRCRAFT: N 445CD

CRS AWKR298C

A Jakian Ave. Day	15, 0		_				
25170 Aviation Ave., Day	PER	FAR	43	APPENDIX	D.	ALL	WORK

COMPLIED WITH AN ANNUAL INSPECTION THIS DAT COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALD.

COMPLETED WITH DIFFERENTIAL COMPRESSION CHECK PER CMI SERVICE BULLETIN 03-3, 1196.2 COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.

COMPLIED WITH DIFFERENTIAL COMPRESSION OF 125 A 126 A 127 A 127 A 1280, #5- 70/80, #6- 65/80. Tach / Flight N/A DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO **Eng TSN** Eng TSO

1196.2 DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 QUARTS 100W ENGINE OIL. TTAF

COMPLIED WITH CONTINENTAL MOTORS INC SB 95-2, 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER VVASCING ENGINE TIMING. INSTALLED NEW LEFT TURBO SUPPORT ADJUSTED LEFT AND RIGHT MAGNETO TO ENGINE TIMING.

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

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

Shawn Matthles AWKR298C

Date 6/28/2016 W/O# 15328



Engine Logbook Entry AIRCRAFT: N 445CD

CRS AWKR298C

S/N 2504

25170 Aviation Ave., Davis, CA 95616

REMOVED RIGHT MAGNETO. ADJUSTED POINT GAP TO SPEC AND VERIFIED EGAP IS WITHIN SPEC 1228.6 PER CMI IGNITION MANUAL. REINSTALLED MAG AND TIMED TO ENGINE. CHECKED AND RETIMED LEFT MAG TO ENGINE. OPERATIONAL / LEAK CHECKED NORMAL Tach

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

Shawn Matthies AWKR298C

Date 9/23/2016

W/O# 15552



Engine Logbook Entry AIRCRAFT: N 445CD

CRS AWKR298C

S/N 2504

25170 Aviation Ave., Davis, CA 95616

CHANGED OIL AND FILTER. INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO 1196.2 DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER Tach AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL. RUN UP AND LEAK CHECK NORMAL.

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

					Orani maanoo yaana
-	1	1		1	
	-		 		
				-	

Date 4/20/2017 W/O# 15878



Engine Logbook Entry AIRCRAFT: N 445CD

CRS AWKR298C

S/N 2504

ALL WORK

25170 Aviation Ave., Davis, CA 95616

Tach / Flight **Ena TSN**

COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. 1293.8 COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.

COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER CMI STANDARD PRACTICES 1293.8 MAINTENANCE MANUAL, COMPRESSION TEST RESULTS: #1- 70/80, #2- 60/80, #3- 75/80, #4- 75/80,

#5- 65/80, #6- 62/80. MASTER ORIFICE: 48/80. **Eng TSO**

DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO 1293.8 DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW TTAF

FILTER AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL. COMPLIED WITH 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE. ADJUSTED RIGHT EXHAUST ELBOW AND APPLIED ANTI-SEIZE. ADJUSTED LEFT AND RIGHT MAGNETO TO ENGINE TIMING. INSTALLED NEW RIGHT WASTEGATE ACTUATOR PINS, SPRING AND CLIP

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

Shawn Matthies AWKR298C

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

Shawn Matthies AWKR298C

Date 7/24/2017

W/O# 16262

Engine Logbook Entry AIRCRAFT: N 445CD

CRS AWKR298C

S/N 2504

25170 Aviation Ave., Davis, CA 95616

Tach

INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO CHANGED OIL AND FILTER. 1338.8 DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL. REMOVED PROPELLER AND CRANK SHAFT SEAL. CLEANED CRANK SHAFT AND INSTALLED NEW CRANK SHAFT SEAL. INSTALLED PROPELLER WITH NEW O-RING P/N C-3317-228 AND FLANGE NUTS P/N A2044. TORQUED NUTS TO SPEC. LEAK CHECK NORMAL.

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

Shawn Matthies AWKR298C

Date 5/3/2018

W/O# 16803

Eng TSN



Engine Logbook Entry AIRCRAFT: N 445CD S/N 2504

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK

1379.1 COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS. Tach / Flight

COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER CMI STANDARD PRACTICES MAINTENANCE MANUAL, COMPRESSION TEST RESULTS: #1-70 /80, #2-60 /80, #3-75 /80, #4-70 /80, #5-

70 /80, #6- 70 /80. MASTER ORIFICE: 45 /80.

DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO **Eng TSO**

TTAF

1379.1 DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 100W ENGINE OIL AND ONE PINT OF CAMGUARD. COMPLIED WITH 100-HOUR/ANNUAL, RECURRING LUBRICATION OF ENGINE CONTROLS AFTER WASHING ENGINE. INSTALLED NEW LEFT AND RIGHT TAT V-BAND CLAMPS. NEXT REPLACEMENT DUE 1829.1. INSTALLED NEW WASTEGATE CABLE PULLEY SUPPORT BRACKET. RIGGING CHECKED NORMAL. INSTALLED 12 NEW TEMPEST SPARK PLUGS. REINSTALLED LH TURBO P/N: 646677 S/N: RAO108 AFTER OVERHAUL BY APPROVED TURBO COMPONENTS, INC. CRS# 07TR2100 UNDER W.O. REINSTALLED LH WASTEGATE P/N 470842-9004 S.N. YKO26577 AFTER OVERHAUL BY APPROVED TURBO COMPONENTS INC. CRS# O7TR2100 UNDER W.O. 36355. INSTALLED NEW RH WASTEGATE P/N 22-6150026. INSTALLED NEW RESTRICTION DRAIN ORIFICE IN MAGNETO FILTER.

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

Shawn Matthies AWKR298C

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

Shawn Matthies AWKR298C

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Date	Total	Time		Since verhaul		ne Servic	AllMorning	ss Directiv	es, Special I	nspections,
	Hrs.	Min.	Hrs.	Min.	Modificat	tions and Service	e Bulletins			
Brought Forward		-								
							- le Entry	AIDCD	AET: N. 4	45CD
Date 5/4/2018		lines.	1 //		Eng	gine Logbo	OK EIIIIY	AIRCR	S/N 2504	4500 -
W/O# 16803	**************************************	0001.00	NO AVIATIO	ON.	2517	CRS AWK	Davis, CA 9561	16	LEET A	AACNETO DAN
Tach	RE 79.1 BL-5				N 10-5005	56-101 S/N DUBE BY TCM CRS#	PQ1269CE L	INDER W/C		
10.			Aircraft a	nd/or co	mponent i	dentified above	e was repaire rvice only for	ed and ins r the work		
	reg	gulation	ns and wa details	s found of the re	airworthy pair are oi	n file at this ag	ency: Signe	d:	My	m -
			Gotaine					Shawn Matthle	s AWKR298C	
wo: WO_1267	1			and a supplied of the same of	Engine - page 1	of wo: WO_1273		He		Engine - page 1
	10356 Truckee	IERI - A E R Airport Rd, Hang	RA O— ar #1 - Truckee, CA 9	16161 · 530-359-875	51		Sierra Aero LLC - 10356 Truc	SIERF — A E R (#1 - Truckee, CA 96161 -	530-35 9-8 751
			6, S/N: 68952		July 26, 2018	N445CD	CONTINENTA	L, IO-550-N46,		August 6, 2018
Tach: 1409.1 TSM	N: 1409.1	Ho	bbs: 1497.5			Tach: 1410.5	TSN: 1410.5		obs: 1498.9 ailed. Removed tu	rbo and tail pipe. Sent ta
Adjusted manifold pres Replaced left magneto installed (1) 649954 - N	with new. In: lagneto Gas	SKet.				pipe to Knisley we check and boresco borescope, no and work order # 3655	ppe inspection of all omalies found. Insta 1. Ran engine, ops c	cylinders, no a alled overhaule sheck good. Inst	nomalies noted. In d turbo from Appr alled (3) Aeroshel	nspected LH exhaust with oved Turbo Components I - W100+ Oil, Installed (1)
With respect to the work performed are on file with Sien	ormed, this e	engine is ap C under wor	oproved for ret rk order: WO_	urn to service 1267.	e. Details of wor	to the work performance on file with Sie	med, this engine is rra Aero LLC under	approved for re work order: Wo	turn to service. [1273.	Details of work performe
Jeffrey Fay A&P 2679315	- Par					Jeffrey Fay A&P 26	379315			
	Т	ı				(,				
ENGINE MODEL: IO-550-N ENGINE S/N: 689522 REG. NO: N445CD WORK ORDER: 10810-01-2019	LONG MODULANI A	Figure 1	Lone Mou Repair Station 1830 N. Ranch Las Vegas, NV Phone: (702) 3	No. L9OR473 o Dr. Suite A 89130	ation, Inc.		A/O EN	TE: 1/12/2019 C TSN: 1437.4 NG TT: 1437.4 OBBS: 1525.8		
Engine Entries										
Changed oil and filter. Cut ope leak check good.										
The aircraft and/or component and is approved for return to se	identified at ervice. Pertir	bove was re nent details	epaired and instance are on file at	spected in acc this facility un	der the above v	v.O. number.	Federal Aviation Ad	iministration		
DATE: 1/12/2019	SIG	NED:	Tran	is K	Aula	1	Work Order: 108			
	Travi Certif	s L Anderso fied Repair	on Station No. L9	OR473Y		Printed	by EBis 3 (datco	media.com)		
wo. WO_1635	745			Engine Annual - p	page 1 of 1			a contract		
	SIE	R 0-			-					
Sierra Aero LLC - 10356 Tr	ntal, IO-550			0-359-8751 May 30, 1	2019					
ach: 1462.4 TSN: 146	62.4	Hobbs: 1	550.7	hacklist Res	earched					
Performed Annual Inspects Service Bulletins and Airw tive Report. Compression: (6) AN4027-1 - Spark plug	1). 70, 2).	47, 3). 70,	4). 75, 5). 73,	6). 66/80. In:	stalled					
Drained oil and removed 1 Installed (1) Camguard - A AA48108 - Tempest Oil Fil Obtained oil sample and s	adıtıve, insti ter.	alled (7) Ae	Brosnell - 1244	oo on, matan	(1)					
 Oil Sample. Ran engine, leak check go 					-					
ortify that this ENGINE has be primined to be in an airworthy o on file with Sierra Aero LLC u	peen inspect condition on inder work o	cted IAW a this date. – order: WO_	n ANNUAL ir END- Details 1635.	spection and of work perfo	d was ormed					
	4/				- 1					

Date	Total	Time	Time Last O	Since verhaul
	Hrs.	Min.	Hrs.	Min.

Engine Service and Maintenance Record

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

Brought Forward

wo: WO_1635 SIERRA Engine - page 1 of 1

ort Rd. Hangar #1 - Truckee, CA 96161 - 530-359-875

N445CD Tach: 1462.4

CONTINENTAL, IO-550-N46, S/N: 689522 TSN: 1462.4 Hobbs: 1550.7

May 30, 2019

- Adjusted turbo controller.
- 2. Complied with TAT SB11-01 by inspection of exhaust.
- Complied with TAT SB09-01 by inspection of exhaust manifold.
 Complied with SI11-04 by inspection/cleaning of turbo oil supply screen.
- Complied with TAT SB10-01 by inspection of alt. air door hinge.
- Complied with TAT SB12-02 by inspection of fuel pump.
- Complied with TAT SI08-04 by inspection and testing of tail pipe
- Complied with TAT SI11-03 by inspection of turbo support assemblies.
- Complied with TAT SI08-05 by cleaning of air filter.
- 10. Secured #2 EGT clamp.
- 11. Replaced clamp for heat shield with new. Installed (1) 01 Adel Clamp.
- Removed RH magneto, replaced points with new, reinstalled and timed to spec. Installed (2) SA638172 Bushing Superior Continental, Installed (1) 649954 Magneto Gasket, Installed (1) 10-382584 Magneto point.
- Removed crossover SCAT hose from air box to alt air box, cleaned, and sealed with RTV.
- 14. Secured tach sensor in magneto fitting.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Sierry Aero LLC under work order: WO_1635.

Jeffrey Fay A&P 2679315

wo: WO 2261

SIERRA FRO-

Aero LLC - 10356 Truckee Airport Rd, Hangar #1 - Truckee, CA 96161 - 530-359-8751

N445CD Hobbs: 1526.6

CONTINENTAL, IO-550-N46, S/N: 689522 Flight hobbs: 1615.0

June 5, 2020

Engine - page 1 of 1

- Installed Reiff Preheater, Standard System, per Reiff Installation instructions.
- Performed SB11-01 Inspection of exhaust.
 Complied with TAT SI08-05 by cleaning of air filter.
- 4. Performed SB 10-01 by inspection of alternate air door hinge. No discrepancies
- Complied with SI11-04 by inspection/cleaning of turbo oil supply screen.
- Complied with TAT SB12-02 by inspection of fuel pump.
- Replaced oil filler cap gasket with new. Installed (1) RG-642892 Oil cap gasket, Installed (1) RG-642892 Oil cap gasket.
- Installed (1) nG-042892 Oil cap gasket.
 Adjusted fuel flow per CMI M-0.
 Complied with SB2X-71-33 (CMI SB18-08A) by inspection of cylinder #s, no modification required; 1). AC08HB825, 2). AC08HB783, 3). AC09GA923, 4). AC0913543, 5). AC07AB004, 6). AC07BA648.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Sierra Aero LLC under work erder: WO_2261.

Taylor Good A&P 3529105

wo: WO 2943

Engine Annual - page 1 of 1

SIERRA

· Truckee, CA 96161 · 530-359-875 Sierra Aero LLC - 10356 Truckee Airport Rd, Hangar #1

N445CD

Continental, IO-550-N, S/N: 689522 TSN: 1663.3

July 14, 2021

- Performed Annual Inspection per Sierra Aero LLC Inspection Checklist. Researched Service Bulletins and Airworthiness Directives, see attached Airworthiness Directive Report. Compression: 1). 68, 2). 55, 3). 66, 4). 66, 5). 60, 6). 60/80. Installed (12) M-674 Spark plug gasket.

 2. Drained oil and consequent filters and the second of the second
- Drained oil and removed filter. Cut filter and inspected, no discrepancies noted. Installed (1) Camguard Additive, Installed (1) AA48108 Tempest Oil Filter, Installed (7) Phillips 20W50 Oil.
- Obtained oil sample and sent to Blackstone for analysis. Installed (1) Blackstone Oil Sample.
- 4. Ran engine, leak check good.

Researched AD's; see attached AD Compliance Report. I certify that this ENGINE has been inspected IAW a 100 HR/ANNUAL inspection and was determined to be in an almorthy condition on this date. —END— Details of work performed are on file with Sierra Aero LLC under work order: WO_2943.

Taylor Good IA 3529105

SIERRA

erra Aero LLC - 10356 Truckee Airport Rd, Hangar #1 - Truckee, CA 96161 - 530-359-8751

Tach: 1470.3

CONTINENTAL, IO-550-N46, S/N: 689522 TSN: 1470.3 Hobbs: 1558.7

June 12, 2019

Engine - page 1 of 1

Removed Skytec starter C24ST3 S/N 4C3-011049 and starter adapter. Installed overhauled starter adapter 642083 S/N: CAM18-206 and new Powerfilte starter PL13484 S/N: 1802727. Updated weight and balance. Removed, Sent for Repair (1) C24T3 - SkyTec Starter, S/N: 4C3-011049, Installed (1) 653470 - Gasket starter adapter, Installed (1) PL13484 - Tempest Powerlite Starter, S/N: 1802727, Installed (1) 642083 - Starter adapter, exchange unit, S/N: CAM18-206. With respect to the work performed this engine is approved for return to service. Details of work performed are on file with Sierra Aero LLC under work order: WO_1663.

Jeffrey Fay A&P 2679315 _

wo: WO 2102

SIERRA

par #1 - Truckee, CA 96161 - 530-359-8751

Tach: 1508.6

CONTINENTAL, IO-550-N46, S/N: 689522 Hobbs: 1597.0

January 16, 2020

- Drained oil and removed filter. Cut filter and inspected. Small brass colored slivers noted. Owner advised. Owner to come back after 5 flight hours to re-check the filter. Installed (1) AA48108 Tempest Oil Filter, Installed (1) Camguard Additive, Installed (7) Aeroshell -
- 2. Obtained oil sample and sent to Blackstone for analysis. Installed (1) Blackstone Oil Sample.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Sierra Aero LLC under work order: WO_2102.

Jeffrey Fay A&P 2679315

wo: WO 2261

SIERRA

Sierra Aero LLC - 10356 Truckee Airport Rd, Hangar #1 - Truckee, CA 96161 - 530-359-875

N445CD Hobbs: 1526.6 Continental, IO-550-N, S/N: 689522 Flight hobbs: 1615.0

- Performed Annual Inspection per Sierra Aero LLC Inspection Checklist. Researched Service Bulletins and Airworthiness Directives, see attached Airworthiness Directive Report. Compression: 1). 74, 2). 55, 3). 65, 4). 75, 5). 62, 6). 64/80. Installed (12) AN4027-1 Spark plug gasket.

 Drained oil and removed filter. Cut filter and inspected, no discrepancies noted. Installed (7) Aeroshell 15W50 Oil, Installed (1) Camguard Additive, Installed (1) AA48108 Tempest Oil Filter.

 Obtained oil composition of control of the product of the
- 3. Obtained oil sample and sent to Blackstone for analysis. Installed (1) Blackstone
- 4. Ran engine, leak check good.

Researched AD's; see attached AD Compliance Report. I certify that this ENGINE has been inspected IAW a 100 HR/ANNUAL inspection and was determined to be in an airworthy condition on this date. –END– Details of work performed are on file with Sierra Aero LLC under work order: WO_2261.

Taylor Good IA 3529105

wo: WO_2943	erra Aero LLC · 1035	— A	RRA ERO- I, Hangar #1 - Trud	kee, CA 96161 - 530	Engine - page 1 of 1	e Service and Maintenance Recors, Inspections, Airworthiness Directives, Special Inspection
N445CD Flight Hobbs: 1663.3	CONTINE TSN:	NTAL, IO-550 1663.3	0-N46, S/N: hobbs: 15	689522 74.9	July 14, 2021	ns and Service Bulletins
Complied	d SB11-01 Ins with TAT Sl08 d SB 10-01 by	3-05 by cleanii	ng of air filter	r.	oted. No discrepancies	
 Complied Complied 	with TAT SI11 with SI11-04 I with TAT SB12	by inspection/	cleaning of t	urbo oil suppl		
der & valv (1) 654710 8. Complied discrepand	re assembly, S 6P005A - Ring	S/N: AC08HB g set, Installed by inspection	783, Installe d (1) 630046 n of inlet oil	d (1) 654857 - Piston Pin 8 check valves	658815A1 - Cylin- - Piston, Installed Plug Assembly. and adapters; no	
With respect to to of work performe	he work perfor ed are on file v	rmed, this eng	gine is approv	ved for return r work order:	to service. Details WO_2943.	
Taylor Good A&F	9529105	-()	02			
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wo: WO_3273		SIEF	R 0-	T 04 00101	Engine - page 1 of 1	
N445CD Flight Hobbs:		10356 Truckee Airpo (AL, IO-550-No. 14.8)			March 11, 2022	
rformed oil cha	k good. Insta	oil. cut filter a lled P/N AA4	nd inspected 8108 - Temp	l, no discrepa est Oil Filter,	ncies notes. Ran Installed (7) P/N	
	e work perforn	ned, this engi	ne is approve LLC under	ed for return to work order: W	o service. Details VO_3273.	
ximilian Ilizarov	/ IA 3925219	Ma	XII	:ZAK	20/	
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Date: 04/2	2/22	Er	ngine Lo	g 222	N445Cl Aircraft	S/N: 2504
Date: 04/2 Hobbs: 17 Perform and CH48/ MAINTENA INSPECTED IN	2/22 49.8 n oil and 108-1 filte ANCE RE n accorda	filter cha er. LEASE:	ngine Lo odel: SR ange, cu This airc current r	eg 222 t open fil raft, airfra regulation	N445CI Aircraft Iter removed a ame, aircraft en as of the Federa with applicable	s S/N: 2504 Ind inspected. Service with 8 qts Phillips XC 20W50 gine, propeller or appliance identified was repaired and Individual Aviation Administration and is approved to return to a aircraft, engine and or appliance maintenance
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Date: 04/2. Hobbs: 17 Perform and CH48* MAINTENA Inspected inservice. All Inanuals ar Signature_ Sun Aviatio	2/22 49.8 n oil and 108-1 filte ANCE RE n accorda I work wa nd instruct and, Inc, M ENGINE MO (46) ENGINE S/N REG NO 44 WORK ORDE 2361-03-2022 Engine E (2) Preformed removed oil filt Compression of Prevent Failure Cylinders C/W engine to have	filter chaer. LEASE: ance with sperform tions. Per form tions. Per form tions. Per form tions for filter filte	This airc current red in according to the current of the current o	t open fill craft, airfrage gulation cordance etails are Vero Be Coast Aviation No 9ES Liberator Lan 23496 72 781 0610 cordance with a 10 cordanc	A & P ach, FL 32961 iation Service, FAR 43 Appendix D, Cir, replaced oil filter with 72 6 60/80 master onf Result in Failure of the lad check performed, ct of the repair are on	Residence with 8 and Service and Service with 8 approved to return to service and service and or appliance maintenance and service with Se
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4	SUN AVIAT	ION. INC	C., Vero	Beach, F	L (VRB)							
	- Lat 10/18/	22	500	3	-		٦					
	Hobbs: 184	4.0	IV.	lodel: SF	(22	Aircraft S/N: 2504						
	n-form an	Oll alla	filter ch	lange, cu	t open n	Aircraft S/N: 2504 Iter removed and inspected. Service with 8 qts Phillips XC 20W50						
	-4 CH4810	10-1 1116										
	MAINTENA	accorda	ance with	current	regulation	ame, aircraft engine, propeller or appliance identified was repaired and inspect of the Federal Aviation Administration and is approved to return to be with applicable aircraft, engine and or appliance maintenance						
Br	inspected III	work wa	s perfor	med in a	ccordance	ns of the Federal Aviation Administration and is approved to return to e with applicable aircraft, engine and or appliance maintenance e on file at the repair station office. WO S005204	-					
	manuals and	d instruc	tions. P	ertinent of	details are	e with applicable aircraft, engine and or appliance maintenance on file at the repair station office. WO S005204						
H	A P. D. # 2529770 Michael Mangaur											
	Signature A & P # 3528770 Michael Mansour Sun Aviation, Inc, Municipal Airport, Vero Beach, FL 32961 (772) 562-9257											
1	Sun Aviation	1, 1110, 11	Turnorpe		,							
			Vere B	ooch El	(VPR)							
\vdash	SUN AVIATIO	N, INC.,	vero b	gine Log	(VKD)	N445CD						
	Date: 02/28/20 Hobbs: 1901.	023 9		L. L. ODO	•	Aircraft C/N: 2504						
	porform an O	ii and iii	ter chai	nge, cut	open filte	er removed and inspected. Service with 8 qts Phillips XC 20W50						
H	and AA48108	-1 filter.				a size of angine propeller or appliance identified was repaired and						
	MAINTENAN	CE KEL	EASE.	nis aircra	aπ, airiran gulations	ne, aircraft engine, propeller or appliance identified was repaired and _ of the Federal Aviation Administration and is approved to return to						
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П	service. All W	instruction	ons. Per	tinent de	tails are c	on file at the repair station office. WO S005322.						
H		41.1	/ /	111	• ,							
	Signature_/	Makon	1	Mari	Possel	A & P # 3528770 Michael Mansour						
	Sun Aviation,	Inc, Mur	nicipai A	irport, ve	ero Beac	h, FL 32961 (772) 562-9257						
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