

# PLATINUM ENGINE LOG BOOK



# **CONTINENTAL MOTORS**

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



# Teledyne Continental Motors, Inc.

www.GenuineContinental.aero

**Production Certificate 508** 

Printed:

04/19/2010

Test Date: 04/09/2010

This engine model I0550N61B, serial number 1002070 was manufactured 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.

	AIRCRAFTE	EG N509CM			
		G. TCM		7/9/10	
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repair are on file at this r	e Federal Aviation Administra repair station under work pac	kage no	or return to service. Peru	nent details of the	3
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for Epps Air Selvice In	AIRCRAFT RE MODE	G: N509CM G: TCM L: IO-550-N(61)	DATE: WORK PACKAGE: TACH TIME:	8/5/10 P2648 FLIGHT 56	
Friction	AIRCRAFT RE MFI	G: N509CM G: TCM AL: IO-550-N(61)	DATE: WORK PACKAGE TACHTIME: LNG TOTAL TIME	8/5/10 P2648 FLIGHT 56	
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Zhui Cessila Laile Mellicouri, LOG ID# 12952 26-October-2010 WO# 10453 CIRRUS **SR22** N509CM S/N 3509

**HOBBS 106.0 TTENG 106.0** 

\*\*\* ENGINE LOG ENTRY \*\*\*

COMPLIED WITH CIRRUS 100 HOUR SCHEDULED MAINTENANCE INTERVAL. RAN ENGINE IN ACCORDANCE WITH 5-30. REMOVED COWLING. INSPECTED COWLING-NO DEFECTS NOTED. DRAINED OIL. VISUALLY INSPECTED OIL SUMP PLUG FOR CONDITION. CHECKED AND REPLACED OIL FILTER-NO METAL NOTED. OIL SAMPLE TAKEN. SERVICED AIRCRAFT WITH . PERFORMED COMPRESSION CHECK: #1 66/80 #2 65/80 #3 71/80 #4 65/80 #5 69/80 #6 70/80. VISUALLY INSPECTED OIL LINES AND FITTING FOR CONDITION. VISUALLY INSPECTED OIL COOLER FINS FOR CONDITION. CLEANED GAPPED AND ROTATED SPARK PLUGS. VISUALLY INSPECTED CYLINDER COOLING FINS FOR CONDITION. VISUALLY INSPECTED BAFFLING AND SEALS FOR CONDITION. INSPECTED AIR INTAKE DUCTS. VISUAL INSPECTION OF FLEXIBLE FUEL LINES. TIMED MAG'S TO ENGINE. INSPECTED EXHAUST. INSPECTED BREATHER TUBE. INSPECTED CRANKCASE AND ENGINE MOUNT FOR CRACKS AND CONDITION. INSPECTED FIREWALL AND SEALS FOR CONDITION. INSPECTED STARTER FOR SECURITY AND CONDITION. WASHED ENGINE, RAN ENGINE- ALL CHECKS SATISFACTORY. SET FUEL PRESSURES IN ACCORDANCE WITH SID 97-3E.

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#10453 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

> East Coast AVIATION SERVICE, CRS#9ESR403B INC.

FOR DLK AVIATION. INC.

Cirrus Factory Authorized Service Center 2580 SE Aviation Way Ste 102 Stuart, FL 34996 PH (772) 781-0610 eastcoastaviation@att.net

3/14/11

N509CM

IO-550N (61) SN#1002070 H.M.189.6

FLH.M.143.2

Oil drained and oil sample taken, removed oil filter and cut open no discrepancies noted, replaced oil filter with Champion CH48108-1 and serviced engine with 8 qts of Aeroshell W-100 plus, engine cleaned and operational check preformed, torque all rocker cover screws.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with the 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 9ESR403B.

Date: 3/14/11

Signed Z

W/O#06811A

Richard Epler

Certified Repair Station No. 9ESR403B

ENGINE MODEL: 10550N61B ENGINE S/N: 1002070 REG. NO. N509CM WORK ORDER: 0561



# **Platinum Aviation Service**

1635 NW 51st Place - Hangar 31 Fort Lauderdale, FL 33309 Phone: (954) 771-1288 DATE 19 May, 2011 A/C TSN 175 5 ENG TT 175 5 TACH 175 5

## **Engine Entries**

Completed annual engine inspection this date IAW Cirrus SR22 MM & MM checklist. C/W TCM cylinder inspection SB03-3,compressions: #1= 72/80 #3=72/80 #5=72/80 #2=70/80 #4=72/80 #6=70/80. Replaced oil filter PN#CH48108-1, serviced with #8 qt Aeroshell 15W50 & induction air filter (BA-24). AD's current through issue 2011-10. I certify this engine has been inspected I.A.W. Cirrus m.m. (5-20) and is airworthy at this time. Adjusted fuel system IAW TCM SID97-3E.

I certify that this engine has been inspected IAW an Annual inspection and is found airworthy at this time.

DATE: 19 May, 2011

SIGNED:

Glenn Juber, IA: 3438378

Work Order: 0561

		Hrs.	Min	Last O	Since verhaul	Engine Service and Maintenance Rec	cord
ought For	rward -		Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections and Service Bulletins	ections,
	Cur.		-			and octatice bulleuris	
	ENGINE MO IO550N61B						
	ENGINE		PL	ATIM	MSen	Platin	
1	REG NO NE	509CM		IATO	w sen	VICE Platinum Aviation Service DATE 1,6,12	
	Fnai	CH 0878			100	A/C TSN 222.8	
	Engine E	ntries					
	rom stumbi	and serv	iced with A	07-01			
	- · · · sidilible	le.	7	eroshell 15	5W50 and C	Champion PN#48108-1 oil filter Adversaria	
						Champion PN#48108-1 oil filter. Adjusted idle mixture & speed to correct low	
	DATE				1		
	DATE			SIGNED	//	Po Vol	
_			1	SIGNED	1	Com ree	
					- (	Work Order: 0878	
		-	-	-		Printed by EBis 3 (datcomedia.com)	
		Dec us	-				
	ENGINE MO IO550N61B						
	ENGINE SM	1002070	PL	ATINU	<b>M</b> Serv	Platinum Aviation Service DATE 02 May, 2012	
	REG NO NE	SOCIAL	AV	TATIO	N	1635 NW 51st Place Hangar 34 A/C TSN 254 2	
						Fort Lauderdale, FL 33309 ENG TT 254 2 Phone (954) 202-5995 TACH: 254 2	14
	Engine E	ntries					
	in accordar	nce with	an annual is	o quaeros	nell 15W50.	rrus SR22 MM & MM checklist. C/W TCM cylinder inspection SB03-3, 60/80. Replaced induction air filter, PN#BA-24. Replaced oil filter AD's current through issue 2012-09. I certify this engine has been inspected to be in an aircrafthy condition.	
	in accordar Adjusted or	nce with a	an annual ir re IAW curre	o quaeros	nell 15W50.	rrus SR22 MM & MM checklist. C/W TCM cylinder inspection SB03-3, e60/80. Replaced induction air filter, PN#BA-24. Replaced oil filter. AD's current through issue 2012-09. I certify this engine has been inspected in an airworthy condition.	
	in accordar	nce with a	an annual ir re IAW curre	o quaeros	nell 15W50.	AD's current through issue 2012-09. I certify this engine has been inspected and to be in an airworthy condition.	
	in accordar Adjusted or	nce with a	an annual ir re IAW curre	spection a ent TCM IO	nell 15W50.	AD's current through issue 2012-09. I certify this engine has been inspected in the in an airworthy condition.  Mork Order: 1053	
	in accordar Adjusted or	nce with a	an annual ir re IAW curre	spection a ent TCM IO	neil 15W50. nd was foun -550-N Mair	AD's current through issue 2012-09. I certify this engine has been inspected and to be in an airworthy condition.  Mark Order 1052	
	DATE: 021	May, 201	an annual ire IAW cum	SIGNED: James Chr	IO-550-N	AD's current through issue 2012-09. I certify this engine has been inspected in the do be in an airworthy condition.  Work Order: 1053  BERVICE. CRS#9ESR403B  INC. 2580 SE Aviation Way Ste 102  Stuart, FL 34996 PH (772) 781-0610  rick@eastcoastaviationservice.com  [61] SN#1002070 H.M.475.0 FLH.M.353.7	
	DATE: 02 1 Oil draine Ch48108	May, 201	N509CM poil sample	SIGNED.  James Chr.  TM taken, reengine with	IO-550-N emoved filth th 7 qts of	AD's current through issue 2012-09. I certify this engine has been inspected and to be in an airworthy condition.  Work Order: 1053  Printed by EBis 3 (datcomedia.com)  CIrrus Factory Authorized Service Center  CRS#9ESR403B  2580 SE Aviation Way Ste 102  Stuart, FL 34996 PH (772) 781-0610  rick@eastcoastaviationservice.com	
	DATE: 02 1  Oil draine Ch48108 preforme I have revie	May, 201:  5/13 ed and dal. No dewed the spected if epair are	N509CM poil sample serviced eliscrepance file on this an accordance on file at this Sign	SIGNED James Chr.  I TM taken, reengine with ites noted ircraft and the with the control of the	IO-550-N emoved filth the accomparument require tepair Station	AD's current through issue 2012-09. I certify this engine has been inspected and to be in an airworthy condition.  Work Order: 1053  Printed by EBis 3 (datcomedia.com)  Cirrus Factory Authorized Service Center  CRS#9ESR403B  2580 SE Aviation Way Ste 102  Stuart, FL 34996 PH (772) 781-0610  rick@eastcoastaviationservice.com  (61) SN#1002070 H.M.475.0 FLH.M.353.7  For and cut open no contamination noted, replaced oil filter with Champion	
	DATE: 02 I  Oil draine Ch48108 preforme I have revirepaired/indetails of n	May, 201:  5/13 ed and dal. No dewed the spected if epair are	N509CM oil sample serviced e iscrepance on file on this an accordance on file at this Sign Rich	SIGNED.  James Chr  TM taken, reengine with the circuraft and the mard Eple	IO-550-N emoved filth the accomparurrent require tepair Station	AD's current through issue 2012-09. I certify this engine has been inspected and to be in an airworthy condition.  Work Order: 1053  Printed by EBis 3 (datcomedia.com)  Cirrus Factory Authorized Service Center  CRS#9ESR403B  1NC. 2580 SE Aviation Way Ste 102  Stuart, FL 34996 PH (772) 781-0610  rick@eastcoastaviationservice.com  (61) SN#1002070 H.M.475.0 FLH.M.353.7  ter and cut open no contamination noted, replaced oil filter with Champion Phillips X/C and 1 pint cam guard, engine cleaned and operational check  nying discrepancy forms. The airframe, aircraft engine, propeller, or appliance identified was ements of the Federal Aviation administration and is approved for return to service. Pertinent of CRS 9ESR403B, under W/O#08413A	



Cirrus Factory Authorized Service Center CRS#9ESR403B
2580 SE Aviation Way Ste 102
Stuart, FL 34996 PH (772) 781-0610
rick@eastcoastaviationservice.com

5/28/13 N589CM IO-550-(61) SN#1002070

H.M.496.2 FLH.M. 370.1 T.T.370.1 T.S.N.370.1

### 100HR/Annual Inspection Completed

Inspected this engine in accordance with FAR 43 Appendix D, oil drained and oil sample taken, removed oil filter and cut open no contamination noted, replaced oil filter with Champion CH48108-1, serviced engine with 8 qts of Phillips X/C 20W-50, compression check as follows (1) 68 (2) 70 (3) 70 (4) 70 (5) 68 (6) 70 /80 master office reading 43, replaced all spark plugs with Tempest URHM32E, C/W TCM SID 97-3E fuel system setup no discrepancies noted, engine cleaned and operational check preformed, C/W AD 2012-10-13 starter adapter failure N/A by non-turbo, check and found all AD's to have been C/W thru this date, I certify this engine to have been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with the 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 9ESR403B, under W/O#13713A

Date: 5/28/13

Signed

Richard Epler

Certified Repair Station No. 9ESR403B

W/O# 13713A

LEADING EDGE ~

AVIATION SERVICES, INC.

Tampa, FL

CIRRUS

Date: 11/22/2013; Aircraft: N509CM; Type: CIRRUS; S/N: 3509; Hobbs: 551.0; Total Time: 414.2; Engine - Type: , S/N:, Time: 414.2

- Prained oil and serviced with 7 quarts of Phillips X/C 20W50. Removed and replaced oil filter, cut open oil filter for inspection. Collected oil sample for analysis. Installed cowling and performed run up.

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

Steve Miller

A&P 2700197

6582 Eureka Springs Rd. Tampa, F1 33610 Tampa Executive Airport (KVDF) 813 626 1515

Date. 2/18/2014; Aircraft: N509CM; Type: CIRRUS SR22; S/N: 3509; Hobbs:; Tach: 436.80; Total Time:; Engine - Type: TCM IO-550-N (61), S/N: 1002070, Time: 436.80; Prop - Type: Hartzeli 3 Blade, S/N:, Time: 436.80

Removed the airframe battery to gain access to the failed starter. Removed the starter P/N 657596, S/N 4C3-061120 and installed a replacement starter, P/N 657596, S/N, 4C3-441340. Torqued the power attach cable in accordance with the Sky-Tec tag attached to the power post on the starter. Installed the aircraft battery and test ran the engine. The starter and starter drive functioned properly. This installed in accordance with Teledyne Continental Overhaul Manual M-16 which covers IO-550 A.B.C.G.N.& R.

The aircraft and/or component identified above was repaired and inspected in accordance with current FAA regulations and found Airworthy for return to service Pertine V details of this repair are on file at this agency under work order number 14-8388.

2/18/2014 Roger E. Smith

3442201 I.A.

2/18/2014 Roger E. Smith CARTER AIRCRAFT, INC. Sebring Florida.

Date	Total	Time	The second second	Since verhaul
	Hrs.	Min.	Hrs.	Min.

# Engine Service and Maintenance Record

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

Brough



Cirrus Factory Authorized Service Center CRS#9ESR403B
2580 SE Aviation Way Ste 102
Stuart, FL 34996 PH (772) 781-0610
rick@eastcoastaviationservice.com

5/28/14 N509CM IO-550-(61) SN#1002070

H.M.610.6 FLH.M. 460.7 T.T.460.7 T.S.N.460.7

100HR/Annual Inspection Completed

Inspected this engine in accordance with FAR 43 Appendix D, oil drained and oil sample taken, removed oil filter and cut open no contamination noted, replaced oil filter with Tempest AA48108-2, serviced engine with 8 qts of Phillips X/C 20W-50, and one cam guard, compression check as follows (1) 70 (2) 70 (3) 72 (4) 65 (5) 74 (6) 70 /80 master office reading 43, C/W TCM SID 97-3E fuel system setup no discrepancies noted, engine cleaned and operational check preformed, C/W AD 2014-05-29 Cylinders N/A by not installed, check and found all AD's to have been C/W thru this date, I certify this engine to have been inspected in accordance with a 100HR inspection and was determined to be in an airworthy condition.

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The airframe, aircraft engine, propeller, or appliance identified was details of repair are on file at this Certified Repair Station CRS 9ESR403B, under W/O#14314A

Date: 5/28/14

Signed

Richard Epler

Certified Repair Station No. 9ESR403B

W/O# 14314A

ENGINE MODEL: 10550N61B ENGINE S/N: 1002070 REG NO: 509CM WORK ORDER: 0150-11-2014

East Coast Aviation Service, Inc.

Repair Station No. FAA CRS 9ESR403B 2580 SE Aviation Way Ste 102 Stuart, FL 34996 Phone: 772 781 0610

DATE: 12/9/2014

AC TSN: 505.9 ENG TT: 505.9 TSMOH: 505.9 HOBBS: 665.9

(2) Oil drained and oil sample taken, removed oil filter and cut open no contamination noted, replaced oil filter with Tempest AA48108-2 and serviced engine with 7 qts of Phillips X/C 20W-50 and 1 pt Cam guard, engine cleaned and operational check preformed.... (3) C/W CM SID 97-3 Fuel system set-up adjusted fuel pressures as needed, adjusted idle mixture.

The aircraft and/or component(s) on 509CM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair station under Work Order No. 0150-11-2014, Dated Work Order: 0150-11-2014 12/9/2014.

DATE: 12/9/2014

SIGNED:

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Richard John Epler Certified Repair Station No. FAA CRS 9ESR403B

ENGINE MODEL: 10550N61B ENGINE S/N: 1002070 REG. NO: 509CM WORK ORDER: 0299-05-2015

East Coast Aviation Service, Inc.

Repair Station No. FAA CRS 9ESR403B 2580 SE Aviation Way Ste 102 Stuart, FL 34996 Phone: 772 781 0610

DATE: 6/4/2015 A/C TSN: 532.9 ENG TT: 532.9 TSMOH: 532.9 HOBBS: 699.9

## **Engine Entries**

(2) Inspected this engine in accordance with FAR 43 Appendix D, Oil drained and oil sample taken, removed oil filter and cut open no contamination noted, replaced oil filter with Tempest AA48108-2 and serviced engine with 8 qts of Phillips X/C and 1pt cam guard compression checked as follows 1:70 2:74 3:70 4:74 5:75 6:60/80 master orifice 43... (5) Replaced #5 inject line support clip P/N 652436-1... (9) Installed magnetos after 500HR Inspection repaired by Quality Aircraft Accessories R/H magneto P/N 10-500556-1 S/N D09GA078 under work order 005045 L/H magneto P/N 10-500556-1 S/N D09GA090 under work order 005046 dated 02/JUN/2015, engine cleaned and operational check preformed, checked and found all AD's to have been C/W thru this date, i certify this aircraft to have been inspected in accordance with a annual inspection and was determined to be in a airworthy condition.

The aircraft and/or component(s) on 509CM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. "Pertinent details of the repair are on file at this repair station under Work Order No. 0299-05-2015

DATE: 6/4/2015

SIGNED:

Work Order: 0299-05-2015

Richard John Epler Certified Repair Station No. FAA CRS 9ESR403B

ENGINE MODEL: 10550N61B

ENGINE S/N: 1002070

0469-12-2015

REG NO: 509CM WORK ORDER:

East Coast Aviation Service, Inc.

2580 SE Aviation Way Ste 102

Stuart, FL 34996 Phone: 772 781 0610 DATE: 12/16/2015

AC TSN: 580 9 ENG TT: 532.9 TSMOH: 532.9 HOBBS: 758 9

## **Engine Entries**

(1) Oil Drained and oil sample taken, removed oil filter and cut open no contamination noted, replaced oil filter with Tempest AA48108-2 and serviced engine with 8 gts of Phillips X/C 20W-50, engine cleaned and operational check preformed

The aircraft and/or component(s) on 509CM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. "Pertinent details of the repair are on file at this repair station under Work Order No. 0469-12-2015

DATE: 12/16/2015

SIGNED:

Work Order: 0469-12-2015

Richard John Epler, A&P: 3104910

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ENGINE MODEL: 10550N61B

ENGINE S/N: 1002070 **REG. NO: 509CM** WORK ORDER: 0634-06-2016

East Coast Aviation Service, Inc.

Repair Station No. FAA CRS 9ESR403B 2580 SE Aviation Way Ste 102

Stuart, FL 34996 Phone: 772 781 0610 DATE: 8/1/2016 A/C TSN: 622.3

ENG TT: 622.3 TSMOH: 622.3

HOBBS: 810.6

## **Engine Entries**

(2) Inspected this engine in accordance with FAR 43 Appendix D, oil drained and oil sample taken, removed oil filter and cut open no contamination noted, replaced filter with Tempest AA48108-2 and serviced engine with 7 qts of Phillips X/C 20W-50 and one Cam Guard, compression checked as follows 1:72 2:69 3:72 4:68 5:73 6:72... (5) Installed new spark plugs P/N URHB32E.... (6) Reinstalled starter adaptor P/N 642083A12 S/N 47356 O/H by Certified Engines Unlimited under work order 47356-000 dated JULY/07/2016 Replaced starter with new P/N C24ST5 S/N 4C5-271624... (21) Replaced #2 exhaust rocker cover with P/N 655705, engine cleaned and operational check preformed checked and found all Ad's to have been c/w thru this date, I certify this engine to have been inspected in accordance with a 100HR/annual inspection and was determined to be in a airworthy condition.

The aircraft and/or component(s) on 509CM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. "Pertinent details of the repair are on file at this repair station under Work Order No. 0634-06-2016

DATE: 8/1/2016

SIGNED:

Work Order: 0634-06-2016

Richard John Epler Certified Repair Station No. FAA CRS 9ESR403B

ENGINE MODEL: IO550N61B

ENGINE S/N: 1002070 REG. NO: 509CM

WORK ORDER: 0776-01-2017

East Coast Aviation Service, Inc.

2580 SE Aviation Way

Ste 102

Stuart, FL 34996

Phone: 772 781 0610

DATE: 1/13/2017 A/C TSN: 659.1

A/C TSN: 659.1 ENG TT: 659.1

TSMOH: 659.1 HOBBS: 855.4

# **Engine Entries**

(1) Oil Drained and oil sample taken, removed oil filter and cut open no contamination noted, replaced oil filter with Tempest AA48108-2 and serviced engine with 7 qts of Phillips X/C 20W-50 and 1 avblend, engine cleaned and operational check preformed

The aircraft and/or component(s) on 509CM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. "Pertinent details of the repair are on file at this repair station under Work Order No. 0776-01-2017

DATE: 1/13/2017

SIGNED:

Work Order: 0776-01-2017

Richard John Epler, A&P: 3104910

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ENGINE MODEL: IO550N61B ENGINE S/N: 1002070 REG. NO: 509CM WORK ORDER: 0918-07-2017 East Coast Aviation Service, Inc.

Repair Station No. FAA CRS 9ESR403B 2580 SE Aviation Way Ste 102

Stuart, FL 34996 Phone: 772 781 0610 DATE: 8/11/2017 A/C TSN: 704.3 ENG TT: 704.3 TSMOH: 0 HOBBS: 911.4

# **Engine Entries**

(2) Inspected this engine in accordance with FAR 43 Appendix D,Oil Drained and oil sample taken, removed oil filter and cut open no contamination noted, replaced oil filter with Tempest AA48108-2 and serviced engine with 8 qts of Phillips X/C 20W-50, and 1 PT Camguard, compression checked as follows, 1:70 2:70 3:68 4:68 5:66 6:70/80 master orifice 43... (12) Replaced #1,3,5,6 injector line support clips with P/N 652436-1 and #1,3,5 support brackets with P/N 641559, engine cleaned and operational check performed, checked and found all AD's to have been C/W thru this date, I certify this engine to have been inspected in accordance with a 100HR/Annual inspection and was determined to be in a airworthy condition.

The aircraft and/or component(s) on 509CM was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. "Pertinent details of the repair are on file at this repair station under Work Order No. 0918-07-2017

DATE: 8/11/2017

SIGNED:

Work Order: 0918-07-2017

Richard John Epler Certified Repair Station No. FAA CRS 9ESR403B

		Last	verhaul	Engine Service and Maintenance Record
	Hrs. Mi	in. Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins
rought For				
11003	ENGINE MODEL	Foot		ation Sandas Inc
	10550N61B	East	oast Avi	ation Service, Inc.  DATE: 2/28/2018 A/C TSN: 730.9
	ENGINE S/N: 10020 REG. NO: 509CM		tation No. FA	A CRS 9ESR403B ENG TT: 730.9
	WORK ORDER	2580 SE Ste 102	Aviation Way	TSMOH: 0 HOBBS: 944
	1084-02-2018	Stuart, F	L 34996 72 781 0610	
	<b>Engine Entries</b>	The state of the s		
			mbline land of	and balanced set P/N 658595A2BP S/N #1 AC17EA032 #2 AC17EA003 #3 AC17EA066 #4
	AC17EA038 #5 AC1	7EA034 #6 AC17E	A021 Replace	ed all lifters with 6 intake P/N 658595A2BP S/N #1 AC17EA032 #2 AC17EA033 #3 AC17EA036 #4 ed all lifters with 6 intake P/N 658088 and 6 exhaust P/N 658077, removed oil filter and cut open no AA48108-2 and serviced engine with 8 qts of Phillips X/C 20W-50, engine cleaned and operational
	The aircraft and/or cowas found Airworthy	omponent(s) on 50 for return to service	9CM was repa e. "Pertinent d	aired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and details of the repair are on file at this repair station under Work Order No. 1084-02-2018
	DATE: 2/28/2018	5	SIGNED:	Work Order: 1084-02-2018
			Richard John E Certified Repai	Printed by EBis 3 (datcomedia.com) ir Station No. FAA CRS 9ESR403B
-	ENGINE MODEL:	East	Coast Av	viation Service, Inc. DATE: 8/16/2018
	IO-550-N(61)B			A/C TSN: 758.8
	ENGINE S/N: 1002 REG. NO: 509CM		E Aviation Wa	
	WORK ORDER:	Ste 10:	2	HOBBS: 979.5
	1215-07-2018		FL 34996 772 781 0610	0
	Engine Entrie	es		
	(2) Inspected this e	engine in accordan	ce with FAR 43	3 Appendix D, Oil Drained and oil sample taken, removed oil filter and cut open no contamination
	noted, replaced oil	filter with Tempest	AA48108-2 ar	nd serviced engine with 8 qts of Phillips A/C 2044-50, compression diecked as follows 1.76 2.76 5.76
	4:78 5:78 6:78/80 f	naster orifice 43, e	cted in accord	dance with a 100HR/Annual inspection and was determined to be in a airworthy condition.
	The aircraft and/or was found Airworth	component(s) on 5 y for return to servi	09CM was rep ce. "Pertinent	paired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and details of the repair are on file at this repair station under Work Order No. 1215-07-2018
			SIGNED:	Work Order: 1215-07-2018
	DATE: 8/16/2018	8	SIGNED.	Epler Printed by EBis 3 (datcomedia.com)

ABILE	NE AERO	INC	<b>.</b>
DATE:	10/29/18	N#	509cm
H.M.		W.C	). 14958

ALL WORK ACCOMPLISHED IAW MANUFACTURERS APPROVED DATA.

DRAINED OIL CHANGED AND INSPECTED FILTER SERVICED 8 QUARTS PHILLIPS 20W50 X/C OIL GROUND RUN OPS AND LEAK CHECK OK

THE ABOVE REPAIR APPROVED FOR RETURN TO SERVICE. AP 3398125

DRAINED OIL CHANGED AND INSPECTED FILTER SERVICED _ 3 _ QUARTS PHILLIPS 20W50 X/C OF GROUND RUN OPS AND LEAK CHECK OK  THE ABOVE REPAIR APPROVED FOR RETURN TO SERVICE AP 334 81 25
SERVICED _ 3 _ QUARTS PHILLIPS 20W50 X/C OI GROUND RUN OPS AND LEAK CHECK OK  Made lead THE ABOVE REPAIR APPROVED FOR
GROUND RUN OPS AND LEAK CHECK OK  MULL  THE ABOVE REPAIR APPROVED FOR
THE ABOVE REPAIR APPROVED FOR
THE ABOVE REPAIR APPROVED FOR RETURN TO SERVICE AP 334 81 25
RETURN TO SERVICE HP3348125