Engine 609-11693500

THE THE STATE OF T

3385 Martin Farm Road, Suwanee, GA - 30024 Bureau Veritas Oil Condition Monitoring -800-241-6315

Sample Information



Sample Analysis Report

Other Sample Information

PO No.:

Fluid Information

Fluid Manufanturer PHLLIPS 86 Fluid Brand/Produc

Reference No.: 8782540 Filter Age: 0 Make Up Oil Amount; 0 Work Order No.:

Sample Tracking #: \$20200310004710 Lab No.: 202008060198 Received Date: Aug 06, 2020 Completed Date: Aug 10, 2020 Component Information Sample Date Jul 27, 2020 Cont Description ENGINE Cprit Type

207 DANLEY DRIVE, PAGE FIELD

FORT MYERS, FL, 33907

Unit R. NELLYN 91799.

Unit Mfg. Cirrus Unit Model. SR22 Jnit Serial # mit Worksite

THE AND DESCRIPTION

Company Name: Switlik Aviation Maintenance Inc.

Account Information

Lab Customer ID#: 255242

Company Worksite: Fort Myers, FL

WALTES PLOCATES COMPONENT & LUBRICANT CONDITIONS ARE ACCEPTABLE. RESAMPLE at the next scheduled interval nes Recommendations for Lab No.: 202008060198 Evaluated By Charles Gay - Data Analyst

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	2020 H	L15.
	2095 H	rs 2
	2130 H	rs 7
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muinetiT	7	ANTS
Silver	<0.1	ONTAMIN
	₩.	TIES/CC
Copper	ľ	Water <0.1
pe ₉ 7	7317	FLUID
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Nicke,	15	UOM FILTER LUBE CHG. SERVICE HR Yes C
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PLE	7/20	SAMPLE INFORMATION LAB SAMPLE UNIT FLUID NO. DRAWN TIME TIME 0198 07/27/20 1776 53
SAMI	07/23	RMATION LE UNI /N TIN
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KEY: UoM - Unit of Measure Y - Yes N - No C - Changed S - Sampled > - Greater Than < - Less Than N/R - Not Reported (M) - Modified Method

© Copyright 2016, Bureau Veritas Testing pertornes by an ISOJEC 17035 2017 accredited laboratory by ANAB. Certificate and scope of accredited methods can be found at https://ol-bising.com/like.in/025-quality.com/like.in/this case > "Values indicate that the trigger test and the register of the register or the register in the register of the register

Form 0637

0520 707 ENGINE MODEL.

SERIAL NUMBER

PRESERVATION DATE_

PRESERVATION EXPIRES

AFTER EXPIRATION REPRESTATION OF THE PROPERTY O



DATE Po #: 37329 RR #: 211089 QTY: 1 Date: 10/06/03

10/06/03

Aircraft Engine Test Verification

This document verifies that the engine model listed below has satisfactorily completed all testing listed below in accordance with TCM standard engine testing specifications as approved by the FAA.

10550NV18

Engine Serial Number

Engine Model

917003

Testing Completed

Standard Acceptance Test:

Date of Completion 9.2703 Test Operator

5766



Teledyne Continental Motors, Inc.

Teledyne Technologies Company

Form No 983



Cirrus Design Corporation 4515 Taylor Circle Duluth, MN 55811

Phone: 218-727-2737
Fax: 218-727-2148
www.cirrusaircraft.com

PACKING SLIP

PACK SLIP NO. 165010*1	04/12/16
SALES ORDER NO. 165010	DATE ORDERED 04/12/16
CUSTOMER PURCHASE ORDER NO. PIA-16-4	074
SHIP VIA FedEx Ground	INCOTERMS FCTRY-PPD

Sold	01*16531 Byerly Aviation 6100 EM Dirksen Parkway	Ship	16531 Byerly Aviation	
	Peoria IL 61607 United States	То	6100 EM Dirksen Parkway Peoria , IL. 61607 United States	

	em	Product and Description	UOM	QTY Ordered	QTY Shipped	QTY B.O.	Serial Numbers
0		14554-001 EGT SENSOR, MODIFIED	EA	2	2	15	netallos
0	0002	16579-002 SENSOR, EGT, LARGE CLAMP	EA	2	2	3	nstalled -2-16
0		12983-001 SHOCK CORD, INTERCONNECT RUDDER	EA	2	2		•

Tracking Number: 9612019038742970316394

A pre-approved RMA number must accompany all returned and core items. Contact partretums@cirrusaircraft.com with any questions or inquiries.

Items that are not defective or damaged in any way may be returned to Cirrus Aircraft for credit within 60 days of date of invoice. Items may be subject to a restocking fee of 15% or \$50 per item, whichever is greater, with a maximum of \$500.

Orders received damaged, with quantity discrepancies or any other order inconsistency, must be reported to Cirrus Aircraft within 24 hours of receipt of shipment. Damaged shipments require picture submission and description of damage to package and contents to parts@cirrusaircraft.com. Cirrus Aircraft reserves the right to deny return requests if any of the above conditions are not met.

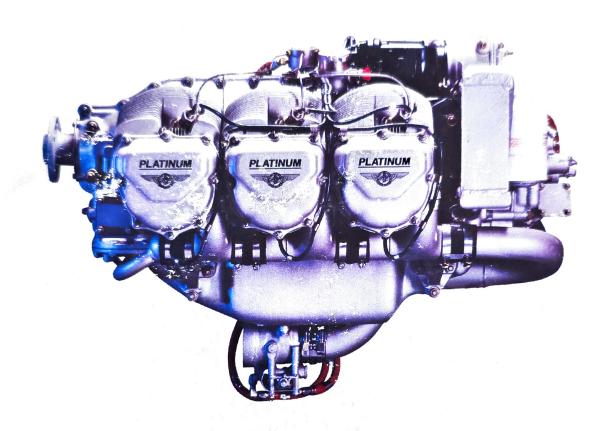
Cirrus Aircraft certifies that the items shipped on this order are in compliance with all engineering drawings and specifications and meet all quality control specifications.

All items listed above are considered airworthy, meet the requirements of U.S. Type Certificate A00009CH and were manufactured under U.S. Production Certificate PC338CE. Cirrus Aircraft holds U.S. Federal Explosives License 3-MN-137-21-7L-00527.

Items are eligible for installation on Cirrus model SR20, SR22 and SR22T.

EFFECTIVITY TO BE DETERMINED BY INSTALLER

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: 09/28/2003

This engine model 10550N27

, Serial No. 917003 was manufactured on 09/27/2003

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

Date		Total Time Time Since Last Overhaul				Engine Service and Maintenance Record						
	Н	rs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins						
		ENGIN	IE MODEL IE S/N			Cirrus Design Factory Service Center DATE 5/8/2004						
		REG N	10 643 IM	l 1172-04-2004		4515 Taylor Circle TTA Ciuluth, MN 55811 HOBBS 100 7						
		Engir	ne Entri	es	cii	πus : Repair Station No. YD5R855Y						
		Remove	d off amo	alternata	t TCM P/N6 it conditi	16843, \$/N0031A095 and replaced with 100 amp alternator TCM P/N 649304, \$/N aming installation, IAW Kieth Products DWG # 220 0700 & TCM service						
	- V	have re vas repa letails of	viewed the red/insper repair are	e file on this ai cted in accord on file at this	Certified Rep	accompanying discrepancy forms. The aircraft, airfraine, aircraft engine, propeller, or appliance identified entirequirements of the Federal Aviation Administration and is approved for return to service. Fertinent air Station CRS YDSR855Y.						
		DATE: 5	5/8/2004		SIGNED: Steve Goe Certified R	Ssling WORK ORDER: 1172-04-2004 Erinted by EBis (http://www.datcomedia.com)						
		1	1			epan Station No. 1 D5R8554						
				,	NZ 42 13 4	MAKE CIRRIS MORE OF THE STATE O						
	_					MAKE: CIRRUS, MODEL: SR22, S/N: 0756, HM: 25.3, WO .4009						
	— С Р	HAN HILL	GED E	ENGINE C 20W/50	OIL, INS	PWCTED OIL FILTER CARTRIDGE. SERVICED ENGINE WITH						
	TT RI	OF AIRCH	AFT. AIRFE	RAME, AIRCRAI E FEDERAL AV	FT ENGINE. PRO	. DPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT ISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS						
	01	THE RE	PAIR ARE O	ON FILE AT THIS	S REPAIR STAT	ON AND AND AND AND AND AND AND AND AND AN						
	SI	GNED T	HISTATE A	AERO INC. C	R.S. AHTRIDEC	6101 FLIGHTLINE DRIVE EVANSVILLE, IN						
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6/04						Previous Fnoine log entries and						
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	N : 64	3 IM		Make	: TCM	Model: IO550N27B S/N: 917003						
	RM : 17				: 170.4	Eng TT: 0.0 ENG SOH: N/A						
						COMPRESSION CHECK #1 72/80, #2 72/80, #3 72/80, #4 71/80, #5						
						L AND OIL FILTER, INSPECTED OIL FILTER CARTRIDGE, OOK ENGINE OIL SAMPLE, AND SENT FOR ANALYSIS.						
		-				R OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT						
	REGULATION	NS OF TH	HE FEDERA		DMINISTRATI	ON AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE PERTINENT DETAILS OF						
		10		2.								
	W/O: _	-	OL	Sign	4/	Date: 12/16/09						
	111-5	iate	Aero,	inc.	CRSXA	HTR102C 6101 Flightline Dr. Evansville, IN 47725						
		1		-								
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F

Date Total Time Time Since Last Overhaul Hrs. Min. Hrs. Min. Hrs. Min. Min. Hrs. Min. Hrs. Min. N: 643JM Make: TCM RM: 253.7 ACTT: 253.7 Eng TT: 253.7 Eng TT: 253.7 Eng TT: 253.7 Eng SOH: 0.0 RM: 253.7 ACTT: 253.7 Eng TT: 253.7 Eng SOH: 0.0 RM: 253.7 Eng TT: 25
N: 643JM Make: TCM MIDDRESSION CHECK #1 69/80, #2 70/80, #3 70/80, COMPLETED ANNUAL INSPECTION, CIRRUS SR22.*COMPRESSION CHECK #1 69/80, #2 70/80, #3 70/80, COMPLETED ANNUAL INSPECTION, CIRRUS SR22.*COMPRESSION CHECK #1 69/80, #2 70/80, #3 70/80, #4 70/80, #5 71/80, #6 70/80.* CHANGED ENGINE OIL AND OIL FILTER, INSPECTED OIL FILTER CARTRIDGE, SERVICED WITH PHILLIPS XC20W50 OIL.* TOOK ENGINE OIL SAMPLE, AND SENT FOR ANALYSIS ADJUSTED IGNITION TIMING, RIGHT MAGNETO.* REPLACED ENGINE OIL DIPSTICK.* THE AIRCRAFT AIRFRAME AIRCRAFT ENGINE PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT THE ERDRIF AND ON THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SELVICE PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION W/O: 5/30/5/37 Signed:
RM: 253.7 ACTT: 253.7 Eng TT: 263.7 ENG SON: 0.0 COMPLETED ANNUAL INSPECTION, CIRRUS SR22.*COMPRESSION CHECK #1 69/80, #2 70/80, #3 70/80, COMPLETED ANNUAL INSPECTION, CIRRUS SR22.*COMPRESSION CHECK #1 69/80, #2 70/80, #3 70/80, #4 70/80, #5 71/80, #6 70/80.* CHANGED ENGINE OIL AND OIL FILTER, INSPECTED OIL FILTER #4 70/80, #5 71/80, #6 70/80.* CHANGED ENGINE OIL AND OIL FILTER, INSPECTED OIL FILTER #4 70/80, #5 71/80, #6 70/80.* CHANGED ENGINE OIL AND OIL FILTER, INSPECTED OIL FILTER #4 70/80, #5 71/80, #6 70/80.* CHANGED ENGINE OIL AND SENT FOR CARTARIDGE, SERVICED WITH PHILLIPS XC20W50 OIL.* TOOK ENGINE OIL DIPSTICK.* THE AIRCRAFT AIRFRAME, AIRCRAFT ENGINE PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT THE REPAIR ARE ON FILE AT THIS REPAIR STATION W/O: 30/3/Signed: 4 ANTON ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SELVICE PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION W/O: 30/3/Signed: 4 ANTON ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SELVICE PERTINENT DETAILS OF EVANSVIIIle, IN 47725 TRI-State Aero, Inc. CRS AHTR102C 6101 Flightline Dr. Evansviille, IN 47725 N: 643JM Make: TCM Model: IO550N27B S/N: 917003 ENG SOH: 0.0 #ANGED ENGINE OIL AND OIL FILE TO THE ACCORDANCE WITH CURRENT DETAILS OF ENG SOH: 0.0 ENG SOH: 0.0 #ANGED ENGINE OIL AND OIL FILE TO THE ACCORDANCE WITH CURRENT DETAILS OF THE ACCORDAN
COMPLETED ANNUAL INSPECTION, CIRRUS SR22.*COMPRESSION CHECK #1 69/80, #2 70/80, #3 70/80, #4 70/80, #5 71/80, #6 70/80.* CHANGED ENGINE OIL AND OIL FILTER, INSPECTED OIL FILTER #4 70/80, #5 71/80, #6 70/80.* CHANGED ENGINE OIL AND OIL FILTER, INSPECTED OIL FILTER CARTRIDGE, SERVICED WITH PHILLIPS XC20W50 OIL.* TOOK ENGINE OIL SAMPLE, AND SENT FOR ANALYSIS ADJUSTED IGNITION TIMING, RIGHT MAGNETO.* REPLACED ENGINE OIL DIPSTICK.* THE AIRCRAFT AIRFRAME AIRCRAFT ENGINE. PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT THE REPAIR ARE ON FILE AT THIS REPAIR STATION W/O: 563/563/Signed: W/O: 563/563/Signed: Tri-State Aero, Inc. CRS AHTRIO2C 6101 Flightline Dr. Evansville, IN 47725 N: 643JM Make: TCM Model: IO550N27B S/N: 917003 Eng TT: 300.2 ENG SOH: 0.0
#4 70/80, #5 71/80, #6 70/80.* CHANGED ENGINE OIL AND OIL FILETA, INSTITUTE,
ANALYSIS ADJUSTED IGNITION TIMING, RIGHT MAGNETO. REPLACED ENGINE OIL DIFFINAL THE AIRCRAFT, AIRFRAME, AI
THE AIRCRAFT, AIRFRAME. AIRCRAFT ENGINE. PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SELVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION W/O: 5/3/6/5/3/Signed:
N: 643JM Make: TCM Model: IO550N27B S/N: 917003 M: 300.2 ACTT: 300.2 Eng TT: 300.2 REGULATIONS OF THE FEBERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SELECTION
N: 643JM Make: TCM Model: IO550N27B S/N: 917003 HANGED ENGINE OIL AND OIL SHIPTON
M: 300.2 ACTT: 300.2 Eng TT: 300.2 ENG SOH: 0.0
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M: 300.2 ACTT: 300.2 Eng TT: 300.2 ENG SOH: 0.0
HANGED ENGINE OIL AND OIL SUFER TO 300.2 ENG SOH: 0.0
WILLIAM STATE OIL AND OIL FILTER, INSPECTED ON EILTER CARTEDON
TILLIPS X/C OII * TOOK ENGINE ON
AIRCRAFT AIR
AIRCRAFT AIRFRAME, AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REPAIR ARE ON FILE AT THIS REPAIR STATION.
JULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF
10:06-050=
Tri-State Aero, Inc. CRS AHT 21020 Date: 7/26/06
-1.5 /1111\1UZU. 6404 FP 1.44
N. 643JM
RM: 342 9 Model: 10
301) DISC: ANNUAL ACTT: 342.9
301) DISC: ANNUAL INSPECTION CIRRUS DESIGN SR 22. SOURCE COMPRESSION CHECK. SOURCE CHECK CHECK. SOURCE CHECK
SOMPRESSION CHECK. CORRECTIVE ACTION: #1 68/80, #2 68/80, #3 68/80, #4 70/80, #5 72/80, #6 72/80. CORRECTIVE ACTION: CHANGE DUE. CARTRIDGE, SERVICED: CHANGED ENGINE OIL AND CONTROL OF THE CHANGE DUE.
303) DISC: ENGINE OIL AND #1 68/80, #2 68/80 #3 69/99
303) DISC: ENGINE OIL AND OIL FILTER CHANGE DUE. CARTRIDGE SED: (1550-N27B ENGINE)
CARTRIDGE SERVICED WITH AND ON AND ON
CORRECTIVE ACTION: CHANGED ENGINE OIL AND OIL FILTER. INSPECTED OIL FILTER 304) DISC: TAKE ENGINE OIL SAMPHILLIPS X/C OIL. CORRECTIVE ACTION: TOOK FEE
CORRECTIVE ACTION: TOOK ENGINE OIL SAMPLE AND SENT FOR ANALYSIS. THE AIRCRAFT AIRFRAME AIRCRAFT ENGINE, PROPELLER OR APPLIANCE INTO THE REPAIR ARE ON THE FEDERAL AVIATION ADMINISTRATE.
JOOK ENGINE OIL SAMPLE
REGULATIONS OF THE FEBRUAR ENGINE PROSE
THE REPAIR ARE ON FILE AT THIS REPAIR OF ADMINISTRATION AND VICE IDENTIFIED A P. A. T.
WAS FOUND AIRWORTHY AND IS APPROVED TO IN ACCOUNT
THE AIRCRAFT AIRFRAME AIRCRAFT ENGINE, PROPELLER OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT THE REPAIR ARE ON FILE AT THIS REPAIR STATION AND WAS FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE, PERTINENT DETAILS OF TRI-State Aero, Inc.
TH-State Apro
TO AHTDAGE V
Old Flightline D. Sale: 11/22/06
Evansville, IN 47725

	TOOK ENGINE OIL SAMPLE AND SENT FOR ANALYSIS.													
Date	Discrepancy:304 ENGINE OIL COOLER MOUNT FLANGE CRACKED ON LOWER LEFT SIDE.	_												
Duto	Corrective Action:304 REMOVED ENGINE OIL COOLER PART NUMBER 654585 (10281A), SERIAL NUMBER IO3-2147-489, AND REMOVED ENGINE OIL COOLER PART SENT TO R&E OIL COOLER SERVICES TO BE WELDED. RE-INSTALLED ENGINE OIL COOLER PART	d s,												
Brought Forward	NUMBER 654585 (10281A), SENIAL NOMBER 3975, DATED NOV. 6, 2008. NO LEAKS NOTED COOLER SERVICES ON THEIR WORK ORDER NUMBER 3975, DATED NOV. 6, 2008. NO LEAKS NOTED DURRING ENGINE GROUND RUN.													
	Discrepancy:305 BOTH LEFT AND RIGHT MAGNETOS DUE 500 HOUR SERVICE. RIGHT MAGNETO LEAKING OIL FROM CASE HALVES.													
	Corrective Action:305 REMOVED LEFT MAGNETO PART NUMBER 10-50056-1, SERIAL NUMBER DO31A192, FOR 500 HOUR REMOVED LEFT MAGNETO PART NUMBER 10-50056-1, SERIAL NUMBER DO31A193, FOR SERVICE. REMOVED RIGHT MAGNETO PART NUMBER 10-50056-1, SERIAL NUMBER 500 HOUR SERVICE. RE-INSTALLED LEFT MAGNETO PART NUMBER 10-50056-1, SERIAL NUMBER DO31A193, DO31A192, AND RIGHT MAGNETO PART NUMBER 10-50056-1, SERIAL NUMBER DO31A193, DO31A192, AND RIGHT MAGNETO PART NUMBER 10-50056-1, SERIAL NUMBER DO31A193, DO31A192, AND RIGHT MAGNETO PART NUMBER 10-50056-1, SERIAL NUMBER DO31A193, DO31A192, AND RIGHT WORK ORDER FOLLOWING 500 HOUR SERVICE AT QUALITY AIRCRAFT ACCESSORIES ON THEIR WORK ORDER NUMBER 71334, DATED 11/07/08. THEY ALSO COMPLIED WITH AD 2005-12-06 THE 500 HOUR IMPULSE COUPLING INSPECTION ON BOTH LEFT AND RIGHT MAGS, AND AD 94-01-03R2 COIL AND ROTOR ON BOTH LEFT AND RIGHT MAGS. OPERATIONAL CHECK GOOD, AND NO OIL LEAKS NOTED FOLLOWING													
	ENGINE RUN UP. The aircraft, airframe, aircraft engine, propeller or appliance identified above was repaired and inspected in accordance with the current regulations of the Federal Aviation Administration and was found airworthy and is	_												
	approved for return to service. Pertinent details of the repair are on file at this repair station.	_												
	Signed: Dated:	_												
·														
	ecember 1, 2009 N643JM S/N 0756 Engine/TT and Hobbs Time 468.2 ******													
A	nnual inspection completed this date. Changed oil and filter, cut filter open and													

Annual inspection completed this date. Changed oil and filter, cut filter open and found no metal. Serviced engine with 8qts. Phillips 20W-50 X/C. Washed engine and lubed controls. Cleaned, gapped and rotated spark plugs. Cleaned fuel screen. Installed new o-ring. Compression checks- #1 75/80 #2 72/80 #3 74/80 #4 73/80 #5 77/80 #6 74/80. Run-up and leak check good. AD's good thru 2009-20.---END----

The maintenance operation(s) described above were inspected in accordance with current regulations and with respect to work performed, the aircraft and/or component was found airworthy and is approved for return to service. Details are on file under work order **5437**.

Paul W. Enlow

Repair Station MYNR748K



	ember	17, 201	LO N64	3JM S/	N 0756 Hobbs and ENG/TT Time 504.9	
lube Inst cylii 72/	nd no med control alled nader. Co	retal. S rois. Cla ew pus ompres n-up op	erviced (eaned fu th rod se sion che erationa	engine el scre als in # cks #	s date. Changed oil and filter, cut filter open and with 8qts. Phillips 20W-50 X/C. Washed engine and en. Cleaned, gapped and rotated spark plugs. #2 cylinder. Installed new spark plug in #3 lower #172/80 #2 70/80 #3 66/80 #4 71/80 #5 70/80 #6 c and leak check good. AD's good thru 2010-23.	
regu airw Paul	lations a	and with d is app	respect to	to work	bed above were inspected in accordance with current performed, the aircraft and/or component was found to service. Details are on file under work order 5983 . MONTGOMERY AVIATION, INC. 11329 East State Road 32 Zionsville, IN 48077	
					2:onsyrile; IN 45077 317-769-4487 Certified Repair Station No. MYNR748K	
		+	1	1	<u> </u>	
				-		
		1, 201	N643JN	/IS/NO	0756 Hobbs Time 532.5 TTE Engine Entry	
Cl ne Th wit co De	hanged w spring e maint th curre mponer	oil and gs on henance nt regulat was fee on file	filter, op i tension e operation lations al	ened fil leads a on(s) de nd with worthy a	Engine Entry liter, OK, serviced with Phillips X/C 20W50. Installed at plugs escribed above were inspected in accordance respect to work performed, the aircraft and/or and is approved for return to service. der 6420	-
Cl ne Th with co	hanged w spring e maint th curre mponer etails are	oil and gs on henance nt regulat was fee on file	filter, op i tension e operation lations ai ound ain	ened fil leads a on(s) de nd with worthy a	Engine Entry ilter, OK, serviced with Phillips X/C 20W50. Installed at plugs escribed above were inspected in accordance respect to work performed, the aircraft and/or and is approved for return to service.	
Cl ne Th wit co De	hanged w spring e maint th curre mponer etails are	oil and gs on henance nt regulat was fee on file	filter, op i tension e operation lations ai ound ain	ened fil leads a on(s) de nd with worthy a	Engine Entry liter, OK, serviced with Phillips X/C 20W50. Installed at plugs escribed above were inspected in accordance respect to work performed, the aircraft and/or and is approved for return to service. der 6420 MONTGOMERY AVIATION, INC. 11329 East State Road 32 Zionsville, IN 46077 317-769-4487	
Cl ne Th wit co De	hanged w spring e maint th curre mponer etails are	oil and gs on henance nt regulat was fee on file	filter, op i tension e operation lations ai ound ain	ened fil leads a on(s) de nd with worthy a	Engine Entry liter, OK, serviced with Phillips X/C 20W50. Installed at plugs escribed above were inspected in accordance respect to work performed, the aircraft and/or and is approved for return to service. der 6420 MONTGOMERY AVIATION, INC. 11329 East State Road 32 Zionsville, IN 46077 317-769-4487	
Cl ne Th wit co De	hanged w spring e maint th curre mponer etails are	oil and gs on henance nt regulat was fee on file	filter, op i tension e operation lations ai ound ain	ened fil leads a on(s) de nd with worthy a	Engine Entry liter, OK, serviced with Phillips X/C 20W50. Installed at plugs escribed above were inspected in accordance respect to work performed, the aircraft and/or and is approved for return to service. der 6420 MONTGOMERY AVIATION, INC. 11329 East State Road 32 Zionsville, IN 46077 317-769-4487	-

Date	Tota	l Time		Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspection
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
Brought Forward		→			
Brought Forward					
	10 Re da tes AD Se The with corn Der	Ohr/Anteport A7 ted 3/1 st 1) 70/ os checle e AD list e mainte h curren	nual Insp (A 05-20 (4. Install (80 2)70 (ked thrust for full enance int regulation file (a) on file	bection () 5/31/1/ lled new /80 3)71 BW 20/ details. operations around airy	SJM S/N 917003 Hobbs Time 588.5 TTE Completed This Date. Inspected IAW Cirrus Inspection I ELT Inspected IAW 14CFR 91.207d, OK, ELT battery Air filter element. No oil change at this time. Compression (80 4)68/80 5)64/80 6)70/80, master orifice 46/80. 11-22, no ADs due at this time. In(s) described above were inspected in accordance and with respect to work performed, the aircraft and/or worthy and is approved for return to service. Ork order 6514 MONTGOMERY AVIATION, INC. 11329 East State Road 32 Zionsville, IN 46077
					Zionsville, IN 46077 317-769-4487 ———————————————————————————————————
	1:	1			Co. Since Proposit Scaudi No. WITNAP/48K
ENGINE Reg: N643JM	1				
Model: IO-550- S/N: 917003 W/O: MS-12-(N (27) 01907	o Charl		Midwest	Date: 16 January 2013 Hobbs: 722.6 ACTT: 722.6 ETT: 722.6
Inspection Report Performed a differe Drained the oil. Re engine with 7 qts of laintenance Actions Adjusted the idle on	and Chap and Chap ntial com moved an Aeroshe	etion in ref ster 05-30 " pression te ad replaced 11 15W-50	the oil filte	er with new	s Airplane Maintenance Manual for the SR22, P/N 13773-001, Chapter 05-20 "Scheduled Report".) 66/80, 2) 62/80, 3) 62/80, 4) 64/80, 5) 70/80, 6) 66/80. Master orifice: 40/80. (p/n CH48108-1). Inspected the removed oil filter, no contaminants noted. Serviced the
he aircreft and	y timed the e ground Tozas Isla	e left mag fun per FA leaks of d	neto to the c IR 43.15(c) efects noted	engine. Rei (2) in refere	eft magneto with new drive coupling bushings (p/n 655269) and a new gasket (p/n nstalled the #4 intake with a new gasket (p/n 649950). Indee to Cirrus Model SR22 AMM 05-30, Operational Inspection Report. Operational
viation Administration a	gal supp	reved for a	pliance ider eturn to ser	ntified abov vice. Pertin	e was repaired and inspected in accordance with current Regulations of the Federal
	111				
	land on the same		and the state of t	**************************************	CRS #M9TR576V
	and the same		The state of the s		
			7 Annual State of Sta		CRS #M9TR576V

Date		Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record							
		Hrs.	Min.	Hrs.	Min.	The same of the control of the contr							
Brou	ight Forward		-			Modifications and Service Bulletins							
						Tate's Flying Service Inc							
						N643JM 217-536-5312							
		-				Date: 10-26-13 Hobbs 802.1							
						Changed oil and filter. Refilled with 15/50 wt. Aeroshell							
						Spen filter to inspect for contaminates_OK							
						Ran engine-check for leaks-OK. Jerry Tate A&P 3468113							
						Jupline Tale Add 3408113							
		1	1	1	1 ,								
	Da	ate: 3/07	//2014; Ai	rcraft: N64	3JM: Type	e: CIRRUS SR22; S/N: 0756; Hobbs: 826.20; Total Time: 826.20;							
		ngine - Ty 26.20	ype: IO-5	50-N27, S/	N: 917003	8, Time: 826.20; Prop - Type: PHC-J3YF-1RF, S/N: FP2562B, Time:							
		*Engine \		A									
	Co	omplied v	with Cirrus	s SB 2X-74	4-01 (11/1:	accordance with FAR 43, Appendix D. 5/11) Fine Wire Spark Plugs Replacement, replaced all spark plugs p/n							
	ins	RHB32E stalled is	with new.	. TCM SB ted. Com _l	13-4A (8/2 plied with (26/13) Aneroid equipped fuel pumps is not applicable by fuel pump Cirrus SA 13-03 (4/29/13) Throttle and Mixture Control Levers with							
	re	gards to	Continent	tal Motors	CSB 08-3	B, no defects noted and no further action required1, took sample, cut filter, no metal noted, serviced engine with 8 qts.							
		nell 15W	50. Com	pression te	est perform	ned in accordance with TCM SB03-3, compressions as follows: #1) #5) 72/80, #6) 70/80. Master Orifice of the day 46/80. Performed							
	þo	rescope	inspectio	n per TCN	1 SB03-3,	no defects noted. Checked mag to engine timing. Checked engine							
		l certi	fy that thi	s engine h		un for operational and leak checks good. spected in accordance with an Annual inspection and was determined							
		be in air an Stamr	worthy co	ndition.		2 (n (we b ===							
	A8	&P 26368	878 IA <i>(</i>	Jan 7	4	7636PTA							
				ion - Ma	adison	Wisconsin Aviation - Watertown							
			rben Co , WI 53			1741 River Drive Watertown, WI 53094							
		8-268-				920-261-4567							
77.	T 2 4/		0:22										
41.	Tune 2014	Hobbs	= 811.0			Changed 0:1 & Filter with Acroshell 152-50 Leak Checked - no leaks Mallo High							
						Leak Checked - no leaks Pall Hage							
			# 1										
					C 724								
area.					,								
			-										
				¥.									



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

Engine Service and Maintenance Record

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

Make: Teledyne Continental

Model: IO550N27B Serial No.: 917003



Date: 2/11/2016 Hobbs Time: 1059.4

CONTINENTAL MOTORS SERVICES

Continental Motors Services, 8600 County Road 32, Fairhope, AL 36532 251-990-5080 FAA Repair Station No. 9CER853B

The work performed as described below has been inspected in accordance with current regulations of the Federal Aviation Administration and found to be in airworthy condition with respect to the work performed.

Work Performed: Removed all 6 cylinders, repaired, and reinstalled using new rings, gaskets, and seals. Details of the repairs made to these cylinders are on file under Work Order AC-6832. Installed new 658077 #2 exhaust valve lifter. Drained oil and installed new AA48108-2 filter. Serviced engine with 8 quarts of Aeroshell 100 mineral oil. Cleaned fuel injection nozzles. Cleaned spark plugs. Replaced cylinder fuel drain seals. Installed Factory Rebuilt R-655921-6A1 fuel pump SN B16AA154R. Adjusted fuel injection system using data from CMI IO550 Permold Series Engine Maintenance and Overhaul Manual M-16. Completed ground operational and leak check and initial cylinder break-in. ----END----

Authorized Signature for Repair Station 9CER853B: //m/-//www Details of the work performed are on file under Work Order No. AC-6832



7 Airport Rd Savoy, IL. 61874 (217)351-7700 (800)747-4777

Certificated Repair Station #BONR551C Page 1

N643J TCM 10-550-N S# 917003 4-25-2016 **TOTAL TIME: 1085.0**

•COMPLIED WITH ENGINE ANNUAL INSPECTION I/A/W FAR 43 APPENDIX D SCOPE AND DETAIL CHECK LIST, WITH REFERENCE TO CIRRUS SR22 INSPECTION REPORT. CHANGED OIL WITH 8QTS PHILLIPS 20W50.

INSTALLED NEW CH48108-1 OIL FILTER. INSPECTED OLD FILTER ELEMENT FOR METAL, FOUND OK. CLEANED FUEL SCREENS. CLEANED GAPPED AND TESTED SPARK PLUGS. AD 2014-05-29 N/A BY CYLINDERS INSTALLED. COMPRESSION TEST RESULTS AS FOLLOWS: #1 75/80, #2 75/80, #3 76/80, #4 75/80, #5 75/80, #6 74/80. WASHED DOWN ENGINE. GROUND RUN-UP AND LEAK CHECK GOOD.

•ADJUSTED ENGINE IDLE MIXTURE, CW .5 TURNS. GROUND RUN TEST GOOD.

•REMOVED AND REINSTALLED #6 CYLINDER EXHAUST STACK P/N 15074-001 AFTER REPAIR BY AEROSPACE WELDING CRS-UWDR792L WORK ORDER 169299.

•REMOVED AND REINSTALLED RIGHT MAGNETO S/N D03IA192 AND LEFT MAGNETO S/N D03IA193 AFTER 500HR INSPECTION BY AIRCRAFT SYSTEMS CRS-KC2R947K, W/O 51080. SET TIMING TO ENGINE TO 22 DEGREES BTDC #1 CYLINDER. GROUND RUN TEST GOOD.

THE ARTICLE IDENTIFIED ABOVE WAS REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION, HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION, AND IS APPROVED FOR RETURN TO SERVICE RELATIVE TO THE WORK PERFORMED. PERTINENT DETAILS OF THIS WORK SCOPE ARE ON FILE AT THIS REPAIR STATION UNDER THE WORK ORDER NUMBER GA-3307.

for THE FLIGHTSTAR CORPORATION, CRS# BONR551C

I certify that this work has been inspected and is determined to be in airworthy condition with respect to the work performed. End.

Date 2// ORepair Station PBY \$3106 Signature:

03	-24-2017·	<>N643	JM<>SI	N:0756<>	Eng	line L	-ogb	OOK-	·/LI	igo.	1.51	, 000		, n n 9	. 124	2.6			
Per	formed the	e followin	ng mainte	nance item	าร:														
	1.Replaced	d LH mu	ffler with	new, pn:A	1483	36-00	1, pe	r Cirri	us S	R22	AMM	1 78-2	0, ar	id pe	rforme	ed en	gine g	round i	(Un
Brou	3.Adjusted 3.Adjusted 4.Adjusted	mixture idle per (per Cirru Cirrus SF	is SR22 AN R22 AMM 7	им 7 3-20	73-20, 0, perf	, perf forme	ormed od gro	d gro und	ound run,	run, parar	param meter	eters s non	nom ninal.	ested linal.	Ok.			GI I
I cert servi SHO	ify that this ce with res 17-3317.	s work haspect to t	as been i he work i	nspected a performed.	and d Pert	detern tinent	nined t deta	l to be ils are	e in a e on	airwo file tl	rthy o	condit pair s	ion ai tatior	nd ap 1 und	prove er inv	d for oice r	return numbe	to r	
Signa	ature:	mi	1	4		Ry	⁄an G	renho	off										
				,				BA	2										
				eoria Airp		B	VIA	FIO	LY ~	Pe	eoria	, IL. 6	6160	7 Ce	rtifica	ate#	9BYR	281np	
05-08	-2017<>N	1643JM	<>\$N07	756<>Eng	ine	Log	bool	<<>E	ngS	N:9	1700)3<>E	ETT:	1273	6	Task	44-		
Perform	ned the fol	llowing n	naintenar	nce items:										,	.012	acn	1:1273	3.6	
1. Pe	erformed an	nual/100	hr inspec	ction nor Circ	rus M	ndels.	SPaa)/22T	^ B 4B 4										
2. D	aintenance rained eng	& OH Ma ine oil, a	nual M-16	change 2,	date	d July	2015		AIVIIVI	Sche	eduled	Inspe	ection	Repo	rt 5-20	, and	TCM		-
9t 3. C/ 4. C/	nillips XC 2 W annual W TCM S I	20W-50, engine ii	and new	o, change 2, ved oil filte oil filter pr air filter re	n:AA place	specti 48109 emen	ea oii 9. it, pn:	l filter BA24	for c	conta	amina	ition, i	no de	fects	noted	d. Inst	talled 8	8 qts.	-
5. C/	W TCM SI	D 97.30	100111/a	illual fuel	nozz	zies ci	leanir	າg, ins	spec	tion,	and t	flow c	heck	. No	defect	ts not	ed.		-
Ma	ster orifice	reading	cylinder (compression	on te	st/ins	pecti	on, 1)	70. 2	2)72.	cis no , 3)70	oted.), 4)72	2, 5)7	0. 6)	38. all	Over	90	:	-
8. R&	R 6 spark	plugs wi	ith now.	to engine	timin	າg, no	defe	cts n	oted.				,	, -,	o, un	0461	ou ps	I.	-
9. R&	R alternate	or wiring	aromm-	4	2E.			1.											
11.R&	R #5 fuel in	niector o	di Cable a	and Install	new	clam	p.												
13. All :	annual ICA	ound run \'S for ac	up, all p	n new pn:6 arameters lipment wh	nom	ninal,	no le	aks n	oted	l.									
14.AD S	checked th	ru 2017-0	9, see AD) list.	ele (check	(ea, n	o def	ects	note	ed.								
Pertinent of	it this engine etails are o	e has bee	en inspecte	ed in accord under invoi	lance	with a	an anı	nual in	enac	otion -									
Date: <u>5-8</u>	Sigr	nature:	no agency	ed in accord under invoi	ce nu /	umber:	: SHO	-17-3	360.	Suon 8	and de	etermi	ned to	be in	an air	worth	y condi	tion.	
				SIV			6	Byerly	Avia	tion, I	Inc. G	reater	Peori	a Airr	ort D	orio	IL. 616	07	
the work pe	this work h	as been i	inspected	and determi	ined t	to he i	in ain.	1744 A	vppro	ved F	Repair	reater Statio	n 9B	YR81	OB P	eona,	IL. 016	07	
- Date: <u>5</u> 8	Sign:	ature:	>	and determine		10 00 1	ııı alıw	ortny	cond	lition	and a	pprove	d for	returr	to se	rvice v	with res	pect to	
_	5	-1016	Den 1	THE			_ F	AA A	pprov	ved R	Renair	Statio	- 00						
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Date	lotal	Time		Since verhaul	Engine Service and Maintenance Reco	-d
mught Fam.	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspection Modifications and Service Bulletins	ns
rought Forward		-			and octate bulletins	_
						_
Date: Augus	st 16, 201	17 N64	ЗЈМ М	/N:SR22	S/N: 0756 Hobbs Time: 1 325 7	_
Inspected co	istomer r	equestos	litama D		1,323.7	_
Performed I	Engine co	mpressi	on check. F	Tormed v Results ar	risual inspection on engine and propeller. e as follows: 1)72/80 2) 71/80 3) 69/80 4) 74/80	_
required. Pe	75/80 and rformed	d master	orifice 44/	80. Re-se	e as follows: 1)72/80 2) 71/80 3) 69/80 4) 74/80 cured oil cooler bolt under LT magneto as D's are up to date.	
			- Court	en. An A	of state up to date.	
regulations	nance operand with	ration(s) described	above w	ere inspected in accordance with current FAA	
airworthy ar	nd is appr	oved for	r return to	mada.	me aircraft and/or component was found	
Details are o	on file at	this ager	ncy under w	vork orde	т 17-9137.	
Tugsu	9					
Randal J El 1MYR828C	ls Jr.					_
						_
						_
					MONTGOMERY	
					Aviation, LLC. 11329 East State Road 32	
					Zionsville, IN 46077 317-769-4487	
					Certified Repair Station No. 1MYR828C	
	1	4				
Tail N 643.	Im D	ate //	-17-17	' Hour	s <u>/391.7</u>	
0-1	-1	n 1	0 1	0 61	1	
Drained	OII.	Hnu	Replac	.00	ter Cam Gaurd	
Added 70	115 2	ون في	OXC	and	Cam Gaurd	
installe	lau	ick	Peai	na C	pround	_
run gooi	^	-	- 1		n 2862531 A&P	_
Switlik Aviati		,				
SWILL AVIAL	On Mais	iteriano	e me i on	Niyersii	233-330-3000	_
						_
Switlik Av	iatio	n Ma	ainten	ance	, Inc.	
age Field Airpor	t (FMY)					
207 Danley Drive Fort Myers, Florid		7				
39-936-3666			ation.com		ATIO	

Drained oil. Replaced oil filter. Serviced with Phillips 20W50 XC oil and Camguard additive. Run-up and leak checks were normal.

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the Federal Aviation Administration and the aircraft identified above is presently approved for return to service.



Date Initial State Last Overhaul Hrs. Min. Hrs. Min. Hrs. Min. Min.		Tota	al Time		e Since Overhaul	Engine Service and No.	Maintenance Recor
Sarasota Avionics Inc Tampa (TPA) 845 Severn Ave. Tampa, Fl 33606 Tail No.: N643JM Cont:I0550N27B Serial Number:917003 Date:6/18/18 Work Order: M573 Hobbs:1476 AFFT:1476 Engine TT:1476 C/W Cirrus annual inspection checklist. Compression:1=70 2=73 3=70 4=72 5=70 6=74. Drain oil. Took sample. Install new CH48108-1 oil filter. Cut and inspect old filter and found no contamination. Service engine with 8qts Phillips 20W50 and 1 camguard. Installed new induction filter. Checked magneto timing. Lube all rod ends. Clean, gap and check all plugs. Replace 3 bad plugs. Replaced adell clamp on de-ice line. Performed ground op/leak check noting no discrepancies. I certify all work done to the aircraft and/or component identified above was done in accordance with an annual inspection and current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.		Hrs.	Min.		T	Modifications and Service Bulletins	os birectives, Special Inspection
Hobbs: 1476 AFFT: 1476 Engine TT: 1476 C/W Cirrus annual inspection checklist. Compression: 1=70 2=73 3=70 4=72 5=70 6=74. Drain oil. Took sample. Install new CH48108-1 oil filter. Cut and inspect old filter and found no contamination. Service engine with 8qts Phillips 20W50 and 1 camguard. Installed new induction filter. Checked magneto timing. Lube all rod ends. Clean, gap and check all plugs. Replace 3 bad plugs. Replaced adell clamp on de-ice line. Performed ground op/leak check noting no discrepancies. I certify all work done to the aircraft and/or component identified above was done in accordance with an annual inspection and current regulations of the Federal Aviation Administration and was found approved for return to service with respect to the work performed.	ought Forward	845 Se	evern A o.: N643	ve. Tamj BJM - Coi	pa, Fl 336 nt:105501	506 N27B Serial Number:917003	SARASOTA AVIONICS
. Wayne E. Childers Jackson A&P3440160IA		C/W Ci Drain contam induction Replace Perform I certify accorda Adminis	:1476 irrus an bil. Took bination on filter 2 3 bad p ned grou all wor nce with	AFFT nual ins a sample be Service c Checke blugs Re und op/ k done to h an anr	pection of a line of the control of	Engine TT:1476 Checklist. Compression:1=70 2=73 3 new CH48108-1 oil filter. Cut and insport of the Charles of	pect old filter and found no guard. Installed new gap and check all plugs. Dove was done in Federal Aviation espect to the work
		6	s B		APG Aviation	- Maintenance & Repair	6-3666
Switlik Aviation Maintenance Inc Fort Myers FL 239-936-3666 APG Aviation - Maintenance & Repair 28000 Airport Rd. A 17 Punta Gorda, FL 33982 Tel 941-575-8605 · Fax: 941-575-8734 · ga@avionix.com		CHANG FILTER SATISE	GED OIL AA4810 ACTORY	AND FILT 9. CUT A	TER. SERV	22 SN 0756 HM 1571.2 /ICED WITH 8qts PHILLIPS XC 20W-50 A ECT FILTER. OPERATIONAL CHECK ERFORMED IAW CURRENT FAA REGULAT	ND

S.

	Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record
	Hrs. Min.	Hrs. Min.	" " Standard 13, 113pections, All Worthings I) rectives. Cassial large the
Brought Forward	-		Modifications and Service Bulletins
	AFG	API 280	G Aviation – Maintenance & Repair 000 Airport Rd. 4-17, Punta Gorda, FL 33982
	Manual Control	Tel	941-575-8605 · Fax: 941-575-8734 · ga@avionix.com
	02.45.20		
			JS SR22 SN 0756 HM 1599.3
	I ILLICK A	448109, CUT AND	. SERVICED WITH 8qts PHILLIPS XC20W-50 AND INSPECT FILTER. OPERATIONAL CHECK
	SATISFAC	JIORY, MAINTENA	NCE PERFORMED IAW CURRENT FAA REGULATIONS TURN TO SERVICE.
		/	la gwolf
	3401492	AP	
	1 1	1	
		Sarasota Av	vionics Inc Tampa (TPA) SARASSTA
	,	045 Sever	n Ave. Tampa Fl 33606
	1	ali 100.: 10643J	M/Cirrus/SR-22/Serial #: 0756 5/19 Work Order: M835
	Perfor	ned engine fuel	craft Tach 1623.6
Main	tenance and o	verhaul manua	system setup per SID 97-3G and TCM IO-550 I M-16. Run up, and all applicable leak and ops
			checks good.
			·
	4 /	<i>?</i>	
	50. M		Steven D. Reifeis A&P 3505535
Saraso	ta Avionics Inc	Tampa (TPA)	Engine
Tail No	vern Ave. Tam	pa, Fl 33606 nt:10550N27B	SBARSOTA -
Date:07	7/16/19 Wor	k Order: M886	Serial Number:917003
Hobbs:	1641.0 AF	FT:1641.0 Eng	gine TT:1641.0 & MAINTENANCE —
C/W Cir			
Drain of	il. Took sample	e. Install new Ci	ist. Compression:1=74 2=76 3=73 4=76 5=71 6=74. H48108-1 oil filter. Cut and inspect old filter and found no gts Phillips 20W50 Installed
contami	ination. Service	e engine with 0.	gta Phillips Governo
ice line	o timing. Lube Replace co-pil	e all rod ends. Cl	ean, gap and check all plugs. Replaced adell clamp on deger. Repaired left room by
	replace co-pil	ots neat exchan	ger. Repaired left rear baffling at crack.
Perform	ed ground op/	leak check noti	ng no disance and
Perform	G	rear eneck moti	ng no discrepancies.
Perform I certify t	this aircraft an	id for company	ng no discrepancies.
Perform I certify t	this aircraft an	id/or componer	nt identified above was done in accordance with an
Perform I certify team annual in found to	this aircraft an ispection and d	id/or componer	nt identified above was done in accordance with an ions of the Federal Aviation Administration and was
Perform I certify the control of th	this aircraft an ispection and d	id/or componer	ng no discrepancies.
Perform I certify the control of th	this aircraft an ispection and d	id/or componer	ant identified above was done in accordance with an ions of the Federal Aviation Administration and was and is approved for return to service with respect to the arough 06/18/13 have been reviewed and/or complied
Perform I certify team annual in found to	this aircraft an ispection and d	id/or componer	ant identified above was done in accordance with an ions of the Federal Aviation Administration and was and is approved for return to service with respect to the arough 06/18/13 have been reviewed and/or complied
Perform I certify team annual in found to	this aircraft an ispection and d	id/or componer	nt identified above was done in accordance with an ions of the Federal Aviation Administration and was
Perform I certify team annual in found to	this aircraft an ispection and d	id/or componer	ant identified above was done in accordance with an ions of the Federal Aviation Administration and was and is approved for return to service with respect to the arough 06/18/13 have been reviewed and/or complied

Date	Tota	l Time	Time	e Since Overhaul	Engine Service and Maintenance Reco
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
Forward		-			
J	SARA AVIOI MAINTEN	SOTA DICS DANCE	T	845 Sev	a Avionics Inc Tampa (TPA) vern Ave. Tampa, FI 33606 43JM/Cirrus/SR22 S/N:0756 416/19 Work Order #:M974
					Hobbs: 1694.9
Performe filter f	d oil & or meta	filter ch	ange. (8 detecte	gts Philed at this	lips 20w-50 X/C oil, CH48109-1 filter.) Visually inspected time. Performed engine run, ops & leak check good
certify			++-	o aircran	in accordance with manufacture check list as identified in sinstructions for continued and to be in a condition for safe operation.
			3		Ryan Schwarzman A&P 3782584
1	7	1	1	1	
	Tail 1	V64	SJM.	Date <u>5</u>	/29/20 Hours 723 0
	C	HANG	= 0 (011	ND FILTER ADDED
	80				s x/c zew-50. Ground
	200	d /	319-12		
	410	70	MEK	(H)	OL LEAKS.
		187			Albert Augoluan 2857040 A&P
	Switli	k Aviat	ion Maii	ntenance	e Inc. Fort Myers FL 239-936-3666
				1.	· · · · · · · · · · · · · · · · · · ·

Page Field Airport (FMY)

207 Danley Drive

Fort Myers, Florida 33907

239-936-3666	www.switlikaviation.com

22 230 2300	WWW.SWILINA	Tation.Com				
Date	Reg. Number	Engine s/n	 	Hobbs	 Eng. TT	
08/12/2020	N643JM	917003	 	1776.8	 1776.8	
~			Av. 1365 . A		4,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	_

Changed oil & filter. Took oil sample for analysis. Results came back normal. Added 8 qts Phillips 20W50 Mineral oil. Replaced No.3 & No.5 cylinders due to cracks at the injector nozzle & spark plug holes. Cylinder Assemblies installed are repaired/serviceable cylinders with 8130-3 forms from certified Engines Unlimited ,Inc. Complied with 500 Hr inspection on magnetos installing new contacts in both. Checked mag timing & ignition harness. Replaced spark plugs Champion RHB32E. Inspected exhaust system. Compression on cylinders #1 72/80 #2 75/80 #3 76/80 #4 75/80 #5 75/80 #6 74/80. Cleaned injector nozzles. Checked AD compliance thru BW 2020-16. I certify that this Engine has been inspected in accordance with an Annual Inspection and was determined to be in an Airworthy

I certify that the above stated maintenance and/or inspection was performed in accordance with the current regulations of the Federal Aviation Administration and the aircraft identified above is presently approved for return to service.

Frank King

Frank Kurtz IA 3509467

Certified Engines Unlimited, Inc. North Perry Airport, Pembroke Pines, FL USA F.A.A. CRS # KG4R309M

Removed:	Ter -4 - 11 - 1
WO#	Installed:
Cyl #	W0# <u>54737</u>
Date:	Cyl # 72425 -/ Date: 7/36/20
Part #	Part: 658001
S/N#	S/N# ACO 94BO14
	5/11 // 7/30 /ADD
Model:	W/D or N/D, SR or LR
for INSPECTION & REPAIR as	
as per customer request ()	IKAN)
Reason for Removal:	
Receiving Report	
Cylinder Stud Assembly Cylinder Valve Assy	Piston Pin Plugs
Rocker Arm Primer Spark Plug CHT Primer	robe Rocker Axle
Injector Nozzle Exh Cap Int Cap Thr	ust Washers
Miscellaneous_	
Inspection Report	
Gas Check Results:	Nickel
Cyl Bore Size & Condition Nit Stee	
Taper/Choke Out of Round Int Guide II	
Piston Pin OD Piston Pin Plugs	
Exh Port Helicoil Cracked Build Up_	Reface OK
Exh Studs Replace OK	
Int Port Helicoil Cracked Build Up	
Rocker Cover AreaResurface Helico	
DPark I rug Dobb	Radius OK
Barrel FinsBentCracked	Corroded OK
Head FinsBent Cracked	
	ageOtherOK
Exh Rotocoil Int Valve	Int Rotocoil
Push Rod HsngsBentCorrodedLoose	OKGas Ck Results
Outer SpringsBrokenWearUnder I	ension Limits OK
Inner Springs Broken Wear Under	Tension LimitsOK
Rocker Arms Resurface Rebush OK Kock	ker AxlesScoredOK
Rocker BossAlignment Damage	Rebush OK
Cylinder Flange Damage Bent	OK
Remarks	_

5. Work Order/Contract/Invoice Number: REPAIRED/SERVICEABLE 3. Form Tracking Number: 54737-000 11. Status/Work: AUTHORIZED RELEASE CERTIFICATE 72424-1/AC15AA27 10. Serial Number: FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG 1630 SW 75th Ave Pembroke Pines, F1 USA 33023 9. Quantity: 658538 10-550 N 8. Part Number: CERTIFIED ENGINES UNLIMITED, INC CYLINDER ASSY 4. Organization Name and Address: FAA/United States Authority/Country: 7. Description: II Remarks: A. Fleire.

INSPECTED & REPAIRED AS NECESSARY W/STD STEEL BARREL---ALL MANDATORY SB'S & AD'S COMPLIED

Other regulation specified in Block 12	2, the work identified in Block 11 cordance with Title 14, Code of t work, the items are approved for	14c. Approval/Certificate No.:	KG4R309M	14e. Date (dd/mmm/yyyy):	30 JULY 2020
14a. Z 14 CFR 43.9 Return to Service	Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.	14b. Authorized Signature:	Bult	14d. Name (Typed or Printed):	BARRY RACKARD
ured in conformity to:	for safe operation. 12.	13c. Approval/Authorization No.: 14b. Authorized Signature:		13e. Date (dd/mmma/yyyy):	
13a. Certifies the items identified above were manufactured in conformity to:	Approved design data and are in a condition for safe operation. Non-approved design data specified in Block 12.	13b. Authorized Signature:		13d. Name (Typed or Printed):	

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 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 accordance with the NSN: 0052-00-012-9005 national regulations by the user/installer before the aircraft may be flown.

Last O	Since verhaul	Engine Service and Maintenance Recor
Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspection Modifications and Service Bulletins
		Bulletins And Service Bulletins
	PUN	ITA CORDA (DE LA CORDA)
	Char	ITA GORDA (PGD) lotte County Airport
	2/220	O Airport Rd, Bldg.211
	Pun	nta Gorda. Fl 33982 & MAINTENANCE
	Date: 12/0	04/2020 N643JM S/N0756 Ho5bs:1805.3
	1. Engine l	EGT and CHT indication erroric during an total or
	Stabilant 2 2. #6 EGT	22 to SIU. Indications are steady during multiple flights. Cleaned and applied and CHT indicating higher than normal during run up. Cleaned #6 fuel injector.
	#6 EGT te	mp improved and #6 CHT appears to be in normal ranges.
		er A*P3349462
,		
1		ORDA (PGD)
0	harlotte C	ounty Airport
0	h <mark>arlotte C</mark> 7220 Airpo	· · · · · · · · · · · · · · · · · · ·
27	harlotte C 7220 Airpo Punta Gor	ort Rd, Bldg.211 rda. FL 33982 September 1997 Sept
27	harlotte C 7220 Airpo Punta Gor	ort Rd, Bldg.211
Date:	harlotte C 7220 Airpo Punta Gor 12/16/2020	county Airport ort Rd, Bldg.211 rda. FL 33982 N643JM S/N0756 Hobbs: 1895.6 dicating red line after run up, possible erroneous readings. Replaced section of
Date:	harlotte C 7220 Airpo Punta Gor 12/16/2020	ort Rd, Bldg.211 rda. FL 33982 N643JM S/N0756 Hobbs: 1895.6
Date:	harlotte C 7220 Airpo Punta Gor 12/16/2020	county Airport ort Rd, Bldg.211 rda. FL 33982 N643JM S/N0756 Hobbs: 1895.6 dicating red line after run up, possible erroneous readings. Replaced section of a lager gauge wire. Run up satisfactory.
Date:	Punta Gor 12/16/2020 c gauges inc d leads with	county Airport ort Rd, Bldg.211 rda. FL 33982 N643JM S/N0756 Hobbs: 1895.6 dicating red line after run up, possible erroneous readings. Replaced section of a lager gauge wire. Run up satisfactory.
Date: Engine ground	Punta Gor 12/16/2020 c gauges inc d leads with Gober A+P3	county Airport ort Rd, Bldg.211 rda. FL 33982 N643JM S/N0756 Hobbs: 1895.6 dicating red line after run up, possible erroneous readings. Replaced section of a lager gauge wire. Run up satisfactory. 3349462
Date: Engine ground	Punta Gor 12/16/2020 c gauges inc d leads with Gober A+P3	county Airport ort Rd, Bldg.211 rda. FL 33982 N643JM S/N0756 Hobbs: 1895.6 dicating red line after run up, possible erroneous readings. Replaced section of a lager gauge wire. Run up satisfactory. 3349462
Date: Engine ground	Punta Gor 12/16/2020 c gauges inc d leads with Gober A+P3	county Airport ort Rd, Bldg.211 rda. FL 33982 N643JM S/N0756 Hobbs: 1895.6 dicating red line after run up, possible erroneous readings. Replaced section of a lager gauge wire. Run up satisfactory. 3349462
Date: Engine ground	Punta Gor 12/16/2020 c gauges inc d leads with Gober A+P3	county Airport ort Rd, Bldg.211 rda. FL 33982 N643JM S/N0756 Hobbs: 1895.6 dicating red line after run up, possible erroneous readings. Replaced section of a lager gauge wire. Run up satisfactory. 3349462
Date: Engine ground	Punta Gor 12/16/2020 c gauges inc d leads with Gober A+P3	county Airport ort Rd, Bldg.211 rda. FL 33982 N643JM S/N0756 Hobbs: 1895.6 dicating red line after run up, possible erroneous readings. Replaced section of a lager gauge wire. Run up satisfactory. 3349462
Date: Engine ground	Punta Gor 12/16/2020 c gauges inc d leads with Gober A+P3	county Airport ort Rd, Bldg.211 rda. FL 33982 N643JM S/N0756 Hobbs:1895.6 dicating red line after run up, possible erroneous readings. Replaced section of a lager gauge wire. Run up satisfactory. 3349462 Date OS/R/ROY Hours 18/8.3 MED ON A AIRPORT AVIOR W/ 8 OK ON TOW-50 X/C Test Am/ 4 / AVIOR W/ 8 OK
Date: Engine ground	Punta Gor 12/16/2020 c gauges inc d leads with Gober A+P3	County Airport Ort Rd, Bldg.211 rda. FL 33982 O N643JM S/N0756 Hobbs: 1895.6 dicating red line after run up, possible erroneous readings. Replaced section of a lager gauge wire. Run up satisfactory. 3349462 Date OS/R/ROY Hours 18/8.3 14ED ON A GAM SATISPACIONA PONAS.
Date: Engine ground	Harlotte Control (220 Airpo Punta Gor 12/16/2020) Control (22/16/2020) C	County Airport Ort Rd, Bldg. 211 rda. FL 33982 O N643JM S/N0756 Hobbs: 1805.6 dicating red line after run up, possible erroneous readings. Replaced section of a lager gauge wire. Run up satisfactory. 3349462 Date OS/12/201/ Hours 1818.3 14ED Oil & Alfan, Azvico y/8 6K 15 10W-50 X/C. Test fund fund Humberto Talavera 2777707 A&P
Date: Engine ground	Harlotte Control (220 Airpo Punta Gor 12/16/2020) Control (22/16/2020) C	County Airport Ort Rd, Bldg.211 rda. FL 33982 O N643JM S/N0756 Hobbs: 1895.6 dicating red line after run up, possible erroneous readings. Replaced section of a lager gauge wire. Run up satisfactory. 3349462 Date OS/R/ROY Hours 18/8.3 14ED ON A GAM SATISPACIONA PONAS.



Date	Tota	l Time		Since verhaul	Engine Service and Mainte	enance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Direct Modifications and Service Bulletins	ives, Special Inspections.
ught Forward		-			Meanications and Scribe Bulletins	
	EVA	13	AF.	G Aviation - N	Maintenance & Rojair 5 A.17 Punta Gorda Et. 33982	
		CIRRUS	Te	941-575-860	05 - Fax 941-575-8734 - ga@avionix.com	
		SERVICE CENT	40			
	0-04-202	1 N643JN	M CIRRUS	SR22 ASI	N 0756 HM 1827.0 TTAF 1827.0	
	CW THE 10	Ohr INSF	PECTION I	IAW CIRR	US SR22 INSPECTION CHECKLIST CH	
(15-20, CON	MPRESSI	ONS OVER	R 80: 1)66	6 2)76 3)76 4)66 5)78 6)73. M.O 45/80. WITH 8qts PHILLIPS XC 20W-50 AND	
	ILLER AA	48109. C	UT AND II	NSPECT F	ILTER, BLACKSTONE SAMPLE TAKEN	
1	MIECTOR	TIME CLI	PS 652431	6-1, CLEA	SERVICE FUEL INJECTORS. REPLACE FUEL N, GAP, AND ROTATE SPARK PLUGS.	
5	SERVICE G	ASCOLAT	N AIR FIL FOR, REPL	TER BA24 ACE GAS	A AND FILTER HOUSING END CAP 111-7. COLATOR DRAIN 39497-001. SET MAGNETO.	
	OENGINE	TIMING	TO MEG S	SPECS, CO	DRRECT ROUTING AND REPLACE IGNITION ON DUCT ASSY 15710-002 AND BUSHINGS	
5	0200-101	. REPLAC	E ALTERN	JATE AIR	SCAT HOSE, REPAIR RIGHT SIDE BAFFLE	
S	ABRICATE	ND TKS	SUPPORT. STALL AFT	. REPAIR I LBAFFLE	LEFT REAR BAFFLE USING DOUBLER. TO ENGINE CASE ATTACH REACKET	•
K	EMOVE AP	ND INSTA	ALL ELECT	RIC BOOS	ST PUMP 5217-0017 SN 1196 AFTER D 32469. SEE FAA FORM 8130-3 DATED	
	9-1/-2021	L. REPLAC	CE LEFT S	LIP JOINT	SPRING AND HADDWADE DEDLACE DICHT	
					UP IAW M-O AND SID97-3G.	
	D2020-16 PERATION	S-11 CRO	SS-FLOW	CYLINDE	R ASSY INSPECTION NA BY INSTALLATION.	
	TKKOS SK	ZZ AMM	CH 05-20	AND WA	AW AN ANNUAL INSPECTION AS PER S FOUND TO BE IN AN AIRWORTHY	
I:	S APPROVI	ED FOR F	RETURN T	O SERVIC	ED IAW CURRENT FAA REGULATIONS AND	
P	ERFORME	D. ADs TI	HROUGH	BI-WEEKL	Y 2021-18.	
	ANCE MILE 988662 IA		mas - 1	m Oa	TTE 1827.0 HM	
	900002 IA	\mathcal{I}	,	Mode	•	
		XIII			Maintenance & Repair	
	CEE)	CIRRUS			d. A-17 Punta Gorda, FL 33982 5 · Fax: 941-575-8734 · ga@avionix.com	
	- Comment	SERVICE CENTE	B			
	00.22:202	2 116421	M CIDDIIC	CD22 AC		
					SN 0756 HM 1882.5 TTAF 1882.5	
	CW THE 10 05-20, CW	00hr INS / BORES(PECTION COPE INSI	IAW CIRR PECTION.	RUS SR22 INSPECTION CHECKLIST CH COMPRESSIONS OVER 80: 1)63 2)68 3)66	
	4)68 5)59	6)55. M.	.0 44/80.	REMOVE	AND INSTALL #5 CYLINDER AFTER REPAIR R WO 222187. INSTALLED CYLINDER USING	
	NEW SEAL	S AND G	ASKETS I	AW CAT N	M-O AND CAT M-16. CHANGED OIL AND	
	FILTER. SE AND INSPE	ERVICED ECT FILT	WITH 8qt ER. INSTA	ts PHILLIP ALL AND S	PS XC 20W-50 AND FILTER CH48109. CUT SAFETY NEW FILTER. BLACKSTONE SAMPLE	
	TAKEN. SE	RVICE F	UEL INJEC	CTORS, SE	ERVICE GASCOLATOR. CLEAN, GAP, AND NETO TO ENGINE TIMING. REPLACE AIR	
	FILTER BA	24 AND	FILTER HO	DUSING S	UPPORT BRACKET 15672-001. REPAIR LEFT	
	DE-ICE LII	NE CLAM	PS RIGHT	SIDE BAI	L SEAL 53722-063U AS NEEDED. REPLACE FFLE. SECURE PROPELLER GOVERNOR ROD	
	END HARD	WARE, F	REPAIR RI	GHT FROM	NT BAFFLE. REPLACED #1, #3, #5 EGT SHT SLIP JOINT BOLT NAS6704D52.	,
	PERFORME	ED CYLIN	DER RUN	IN PROCE	EDURES IAW CAT M-O CH 7-2.3. FOUND ALT	· ·
	#1 INOP. NA BY ENG	REPLACE GINE MOI	DEL. OPER	1136-100 RATIONAL	IN MCU. AD2022-04-04 STC STRATUS OFA AND LEAK CHECK SATISFACTORY.	
					CTED IAW AN ANNUAL INSPECTION AS PER	
	CIR	RUS SRZ	22 AMM CI	H 05-20 A	IND HAS BEEN FOUND TO BE IN AN AIRWORTHY	
	MA	D IS APP	ROVED FO	OR RETUR	ARRIED OUT IAW CURRENT FAA REGULATIONS N TO SERVICE WITH RESPECT TO THE WORK	
	PER	REORMED	. ADS THE	ROUGH BI	I-WEEKLY 2022-18.	
		NCE MILK	; /	. // 3.4	$(\cdot)(\cdot)$	

Total	Time			Engine Service and Maintenance Record
Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	→			changed Oils Filter. Added Egts phillips
1898.	4			20w50 X/c and AAUS109 Filter, Engine Run
				Up Sntisfactory
				ful Chrosen A1P 3587699
1898	6			Checked Cylindar Compressions With, 040
7.				checked Cylindar Compsessions with ,040 complession 6 a ge, #1 = #0 #2 #6 #3 76 Hol 30 #5 70 #6 70. Engue Aun Up Satisfactory. Jul Coffmann. AIP 3587699
				Satisfactory All Chluson AIP 3587699
				3. /
	Hrs.	Total Time Hrs. Min. 1898. 4	Last O Hrs. Min. Hrs. 1898. 4	Hrs. Min. Hrs. Min. 1898. 4

Switlik Aviation Maintenance, Inc.

Page Field Airport (FMY) 207 Danley Drive

Fort Myers, Florida 33907

239-936-3666 www.switlikaviation.com

Date Reg. --- Hobbs Tach --- T.T

06/05/2023 N643JM --- 1898.4

Checked all Compressions with 0.060 Compression Gage. Borescoped Cylinders, all checked Good.

The above work was completed IAW current regulations of the Federal Aviation Administration and is approved for return to service for the work accomplished.

July Joel C Johnson A&P 3587699

DLK Aviation, 2601 Cirrus Way NW, Kennesaw GA 30144

Date: 10-24-2023 Logbook: Engine 1 Tail Number: N643JM

Hobbs: 1935.5 Time Since New: 1935.5 Model: IO-550 SERIES Serial: 917003

- COMPLIED WITH PRELIMINARY INSPECTION IN ACCORDANCE WITH 14 CFR 145.211 (C)(II). ALL FINDINGS WERE RECORDED ON THIS WORK ORDER.
- COMPLETED INCOMING OPERATIONAL/FUNCTIONAL CHECK IAW CIRRUS SR22 MM 05-30.
- PERFORMED ANNUAL INSPECTION OF THIS ENGINE IN ACCORDANCE WITH CIRRUS AIRCRAFT SR22 AMM 5-20 INSPECTION CHECKLIST. SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. DRAINED OIL. COLLECTED ENGINE OIL SAMPLE. REMOVED OIL FILTER, CUT OPEN, AND INSPECTED FOR CONTAMINANTS. NONE NOTED. INSTALLED NEW OIL FILTER P/N AA48108. SERVICED ENGINE WITH 7 QTS OF PHILLIPS 20W50XC OIL. PERFORMED CYLINDER DIFFERENTIAL COMPRESSION TEST I/A/W TCM MANUAL M-18. COMPRESSION RESULTS AS FOLLOWS: 1) 50/80, 2) 72/80, 3) 72/80, 4) 70/80, 5) 80/80, 6) 58/80. M/O= 42/80. TIMED MAGNETOS. INSPECTED ENGINE AND EXHAUST.
- INSTALLED NEW PUSH ROD TUBE SEALS, GASKET, AND O-RINGS FOR #3 CYLINDER IAW CONTINENTAL IO-550-N SM CHAPTER 2-2.
- PERFORMED FINAL CHECKS AND INSPECTIONS.
- PERFORMED AN AIRPLANE RUN-UP IN ACCORDANCE WITH OPERATIONAL/FUNCTIONAL CHECK IN CIRRUS SR22 MM 5-30.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED TO RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION UNDER WO# 23506, DATED 10-24-2023.

Certificate: DK7R795J | Authorized RTS Technician: Kevin Southworth

Sign: Les Sallin

| Date: 10-24-2023

	е	Total	Time	Time Last O	verhaul	Engine Service and Maintenance Rec	ord
		Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspec	ctions,
		PS24083	14/1111.	1110.		Engine page 1 of 1	\neg
rought F	wo.	P324003				Airualt Maintenance, Sinc.	-
		Plane S	Safe Airc	raft Mainte	nance, In	nc. · 503 West Bluemound Rd · Waukesha, WI 53188 · 262-547-1800	
	N64		Sale 7 iii e			March 26, 2024	
	Hob	bs: 1983			-4-1 00	B 07-1A. No debris found in mesh screen basket. Collected oil	
		sample	and ser d filter a	of out for	anaiysis ted, no	metal found. Serviced engine with 7 qts. Aeroshell 100. Performed	
	2.	Inspecte to come cleaned other de	ed left s from ai and ins fects for	ide of eng r/oil sepai pected. C und.	gine for rator wit Cleaned	black streaking coming from exhaust area. Determined streaking the its close proximity to the exhaust area. Opened air/oil separator, oil return lines. Replaced section of 5/8" upper breather hose. No	
	With re are on	espect to file with	the wo Plane S	rk perforn Safe Aircr	ned, this aft Main	sengine is approved for return to service. Details of work performed tenance, Inc. under work order: PS24083.	-
	Adam	Kaul Air	frame &	Powerpla	ant A&P	3879286	-
				1			
	WIS	A	ΛIΑ	DNSII TIOI	V	Madison, WI 608-268-5003 Dane County Regional Airport (MSN) Watertown, WI 920-261-4567 Watertown Municipal Airport (RYV) Juneau, WI 920-386-2402 Dodge County Airport (UNU)	
	Date: Engine 2052.0	e - Type:	24; Aircra 10-550-N	aft: N643JN N27, S/N: 9	/I; Type: 17003, T	CIRRUS SR22; S/N: 0756; Hobbs: 2052.00; Total Time: 2052.00; Fime: 2052.00; Prop - Type: PHC-J3YF-1RF, S/N: FP2562B, Time:	
						•	
	Comp accord 68/80, inspec p/n A/ Perfor approv	dance with #3) 66/8 ction per 7 A48109-1, med grou ved/curre	h TCM S 0, #4) 68 ΓCM Sta , took sa ind run, α nt techni	tandard Pr 5/80, #5) 74 ndard Prac mple, cut fi operational cal data. I ermined to	actice M 4/80, #6) tice Mair Iter, no r , and lea certify that be in air	ance with FAR 43, Appendix D (BP). Compression test performed in aintenance Manual M-0, compressions as follows: #1) 68/80, #2) 64/80. Master Orifice of the day 46/80. Performed borescope Intenance Manual M-0, no defects noted (BP). Changed oil and filter metal noted. Serviced engine with 8 qts 20W50 PHILLIPS X/C oil. In the checks - no defects noted. All work performed in accordance with at this engine has been inspected in accordance with an Annual worthy condition.	
	Comp accord 68/80, inspec p/n AA Perfor approv inspec	leted an a dance with #3) 66/8 ction per 1 A48109-1, med grou ved/curre	h TCM S 0, #4) 68 rCM Sta , took sa and run, o nt techni was dete	tandard Pr 5/80, #5) 74 ndard Prac mple, cut fi operational cal data. I ermined to	actice M 4/80, #6) tice Mair Iter, no r , and lea certify that be in air	aintenance Manual M-0, compressions as follows: #1) 68/80, #2) 64/80. Master Orifice of the day 46/80. Performed borescope ntenance Manual M-0, no defects noted (BP). Changed oil and filter metal noted. Serviced engine with 8 qts 20W50 PHILLIPS X/C oil. lk checks - no defects noted. All work performed in accordance with at this engine has been inspected in accordance with an Annual	
	Comp accord 68/80, inspec p/n AA Perfor approv inspec	leted an addance with #3) 66/8 stion per 7 A48109-1, med grouwed/currection and min J. Pit	h TCM S 0, #4) 68 rCM Sta , took sa and run, o nt techni was dete	tandard Pr 5/80, #5) 74 ndard Prac mple, cut fi operational cal data. I ermined to	actice M 4/80, #6) tice Mair Iter, no r , and lea certify that be in air	aintenance Manual M-0, compressions as follows: #1) 68/80, #2) 64/80. Master Orifice of the day 46/80. Performed borescope ntenance Manual M-0, no defects noted (BP). Changed oil and filter metal noted. Serviced engine with 8 qts 20W50 PHILLIPS X/C oil. Is checks - no defects noted. All work performed in accordance with at this engine has been inspected in accordance with an Annual worthy condition.	
	Comp accord 68/80, inspec p/n AA Perfor approv inspec Benjan A&P3:	leted an adance with #3) 66/8 stion per 148109-1, med grouved/currection and min J. Pit 90747277	h TCM S 0, #4) 68 FCM Sta, took sa ind run, ont techni was dete	tandard Pr 5/80, #5) 74 ndard Prac mple, cut fi operational cal data. I ermined to	actice M 4/80, #6) tice Mair Iter, no r , and lea certify that be in air	aintenance Manual M-0, compressions as follows: #1) 68/80, #2) 64/80. Master Orifice of the day 46/80. Performed borescope intenance Manual M-0, no defects noted (BP). Changed oil and filter metal noted. Serviced engine with 8 qts 20W50 PHILLIPS X/C oil. sk checks - no defects noted. All work performed in accordance with at this engine has been inspected in accordance with an Annual worthy condition.	
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Plane Safe Aircraft Maintenance, Inc. - 503 West Bluemound Rd - Waukesha, WI 53188 -262-547-1800

ctions.

Brought

Continental, IO-550-N, S/N: 917003 N643JM TTSN: 2187.2

October 15, 2025

Hobbs: 2187.2

- 1. Completed Annual Inspection IAW FAR 43.13 Appendix D, using the Cirrus SR22 inspection checklist as a guide.
- Checked compressions: #1: 67/80, #2: 64/80, #3: 61/80, #4: 65/80, #5: 75/80, #6: 72/80 (PSI). Master Orifice: 43psi.
- 3. No oil change at this time.
- Checked magneto to engine timing.
- Cleaned, inspected, and lubricated all engine controls.
- 6. Replaced all spark plugs with new, P/N: UHRB32E.
- Adjusted left magneto from 27 degrees and right magneto from 28 degrees BTDC to 22 degrees BTDC.
- 8. Cleaned engine of all dirt and debris.
- 8. C/W AD 2023-09-09 N/A by spot welded v-band clamps not installed. No further action is required.
- 10. AD's current through 2025-21.

certify that this Engine has been inspected IAW an Annual Inspection, is found to be in an airworthy condition and is approved for return to service. Details of work performed are on file with Plane Safe Aircraft Maintenance, Inc. under work order: PS25272.

William Polachek Airframe & Powerplant A&P2848502 1A william Wolselsk