N4904

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

Form No. ELB-01P

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

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



Teledyne Continental Motors, Inc.

A Teledyne Technologies Company

Printed: 12/02/2007

This engine model I0550N50, Serial No. 691495 was manufactured on 11/30/2007 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



Da	ate	Total	Time		Since verhaul	Engine Service au		
		Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulk	orthiness Directives, Special Inspetions	ections
_		5	.7					
						THE POLLOWING SLIPP	LEMENTAL TYPE CERTIFIC	ATE
						NUMBER HAS BEEN IN	STALLED ON THIS ENGINE	AIL
						SE10589SC	JAN 2 8 2008	
					1	CDC on	1 1	
		a simple				Cirrus Design Corporation PC# 338CE	Duluth, MN USA	
			parent (Legal)					
		E MODEL		18		esign Factory Service Center	DATE 2/11/2008 A/C TSN 5.7 ENG TT 5.7	
	REG WORK	NO 924CT CORDER		8	Repair State 4515 Taylor Duluth, MN		TACH 57	
		-02-2008	-	CIRRUS	Phone 218			
	(2) In	ine Entr	Corp Engil	ne Preheat Sy	stem , FAA-PI	IA No PQ2585CE, in accordance with Manufacture	r's Installation Instructions Updated the	
	aircra	ft's weight a	ind balance	in the Pilots O	perating Hand	OUR The exercise airframe aircra	at engine propellar or appliance identified	
						ing discrepancy forms. The aircrait, aircraite, aircrai	approved for return to service. Pertinent	estron .
	DAT	E: 2/11/20	008	SIG	NED:	7- 161050	Work Order: 10741-02-2008	ratio Service
				Darri	el Zimmer fied Repair St	Pand Zinna. tion No YD5R655Y	Printed by EBis 3 (datcomedia.com)	
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		INE MODE	L 10550N	192	Cirrus	Design Factory Service Center	DATE 2/22/2008 A/C TSN 8.1 ENG TT	-
	REG	INE S/N NO 924C RK ORDER		125	Repair Sta 4515 Tayle Duluth, Mr		HOBBS 81	
	1079	95-02-2008		CIARUS	Phone 21	33617 3- 788-3101		
	En	gine En	tries	n fuel pump (P	N ETI-SR22-	.12) (S/N GP5135) and Replaced with new engine d 0001 and TCM IO550 MM 13-21 and 13-22. Leak a	inven fuel pump (P/N ETI- SR22-2-12) (S/N and ops check sabstactory at this time	
	— GPS	169) IAW E	- 11 Installatio	AL HISBUCKOLIS	Roport 22 o			
	I ha was deta	ve reviewed repaired/in ils of repair	the file on the spected in a are on file a	ccordance with this Certified	h current requi Repair Station	ying discrepancy forms. The aircraft, airframe, aircrements of the Federal Aviation Administration and is CRS YD5R855	approved for return to service Pertinent	
		TE: 2/22/2			GNED:	Made Amellin	Work Order: 10795-02-2008	1
				Mite	ch Knase tified Repair S	ation No YD5R855Y	Printed by EBis 3 (datcomedia.com)	
	March 10	2008					Erie Municipal Airport	-
	N924CT S/N 2921					Vector Air	395 Airport Drive Erie, CO 80516	
	Hobbs Tin					Aircraft Inspection & Repair		
	1. Drained new ch	1 engine 48108 oi	oil, remo	ved and ex un up leak	check sat	filter. No contamination found. Service sfactory.		
						END	111	_
							Territi Shafer IA2860279	1
			1				MZSOUZIS	
							Laborated the formation of the second	
		Service of the last of the las		ARREST MANAGEMENT				

March 26 2008 **N924CT** ;ord S/N 2921 Hobbs Time: 51.6 Erie Municipal Airport ections. Brough 395 Airport Drive 1. Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Aeroshell 15W50 oil and 2. Performed 50 hour inspection in accordance with Cirrus SR22 AMM Chapter 05. END-Terrill Shafer IA2860279 May 21, 2008 N4904 S/N 2924 Flight time: 100.7 Erie Municipal Airport 395 Airport Drive 1. C/W Cirrus 100 hour scheduled maintenance checks and inspection in accordance Cirrus SR22 AMM Chapter 05. Inspected aircraft exhaust, fuel and oil systems, landing gear, structure, wings, control systems and overall aircraft condition. 3. Replaced Brake caliper O-rings 101-034500. 4. Clean and serviced air filter. END. Jonathan Carlisle AP3063926 July 21 2008 **N924CT** S/N 2921 Hobbs Time: 153.1 Erie Municipal Airport 395 Airport Drive 1. Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Aeroshell 15W50 oil and 2. Performed 50 hour inspection in accordance with Cirrus SR22 AMM Chapter 05, and Tornado alley 50 hour inspection. 3. Installed all new spark plugs, URHB32E. Retimed Magnetos to engine. Terrill Shafer IA2860279 September 17 2008 N4904 S/N 2924 Flight time: 203.5 Erie Municipal Airport 395 Airport Drive 1. C/W Cirrus 100 + 200 hour scheduled maintenance checks and inspection in accordance Cirrus SR22 AMM Chapter 05-20 schedule maintenance checks and inspection, and Tornado Alley Inc 100/200 hour items. C/W applicable TCM SB's. 2. Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Aeroshell 15W50 oil and new CH46106 on linter.

3. Compression test: #1 72/80 #2 75/80 #3 77/80 #4 76/80 #5 75/80 #6 77/80. Borescoped cylinders for defects, none noted. Visual inspection of overall engine installation, engine controls, mounts, fuel and oil lines was o.k. Wash down engine. Runup/leak check o.k. A list of AD's may be found in aircraft records. I certify this engine has been inspected in accordance with Terrill Shafer IA2860279

October 23 2008 N4904 Erie Municipal Airport S/N 2924 395 Airport Drive Flight time: 249.9 Erie. CO 80516 Brought 1. CW Cirrus 50 hour scheduled maintenance checks and inspection in accordance Cirrus SR22 AMM Chapter 05-20 schedule maintenance checks and inspection, and Tornado Alley Inc 50 hour items. C/W applicable TCM SB's 2. Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Aeroshell 15W50 oil and new CH48108 oil filter. Visual inspection of overall engine installation, engine controls, mounts, fuel and oil lines was o.k. Wash down engine. Runup/leak check o.k. A list of AD's may be found in aircraft records. I certify this engine has been inspected in accordance with a Cirrus 50 Hour Inspection and is approved for return to service. Terrill Shafer IA2860279 **January 20 2009** N4904 Erie Municipal Airport S/N 2924 395 Airport Drive Flight time: 305.0 Erie. CO 80516 1. Removed engine IO-550-N, S/N 691495 from N4904 Cirrus SR22 S/N 2924 for alternator face gear damage. Engine sent to Western Skyways Inc. for repair. **Terrill Shafer** IA2860279 WESTERN Skyways Engine Model: IO-550-N Serial Number: 691495 **GOLD SEAL AIRCRAFT ENGINES** Time: 305.0 Hrs TSN 21 Creative Place Montrose, CO 81401 CRS # WS9R575J Work Order: 24295 Date: 02/27/2009 This engine was disassembled for metal contamination. All parts were cleaned and inspected. Crankcase M/N: R07JA225 was cleaned and visually inspected, found okay. Crankshaft S/N: N07HA864 was cleaned, visually and ultrasonic inspected per MSB96-10A and AD97-26-17. Engine was reassembled using new rod and main bearings, new rod bolts and nuts, counterweight pins, plates and snap rings, new gaskets and seals as necessary. Replaced alternator face gear P/N: 632018 with used serviceable component and new bolts P/N: 649205. Replaced the oil cooler with a Positech overhauled S/N: H07-5672-520. Replaced oil pump housing P/N: 632977 with used serviceable component. Honed and re-ringed cylinders ring set P/N: 654716. Accessories were cleaned and visually inspected. Installed new alternator hub assembly P/N: 646655A1. Prop governor S/N: 040539 was repaired and inspected by Maxwell Aircraft Services WO# 113402. Engine was run in a test cell for leak and operations check. All work was done IAW Continental Overhaul Manual X30568A and applicable Service Bulletins.

The engine and/or component identified above was repaired and inspected IAW current FAA Regulations and found Airworthy for

return to service. Pertinent details of this repair are on file at this repair station under above work order.

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March 20 2009 N4904 S/N 2924 Flight time: 305.0



Erie Municipal Airport 395 Airport Drive Erie, CO 80516

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1. Re-installed engine IO-550-N, S/N 691495 on N4904 Cirrus SR22 S/N 2924 for following repairs by Western Skyways Inc. See log book entry dated 02/27/09.

2. Performed a 100hr inspection of engine for annual of N4904 in accordance with FAR 43 appdx D and Cirrus SR22 AMM Chapter 05-20 schedule maintenance checks and Tornado alley 50 hour inspection items. C/W applicable TCM SB's.

3. Serviced with 8qts Aeroshell 100 Straight Mineral oil and new CH48108 oil filter.

4. Installed new starter drive adapter P/N 642085-1A1.

Visual inspection of overall engine installation, engine controls, mounts, fuel and oil lines was o.k. Wash down engine. Runup/leak check o.k. Flushed all oil hoses and lines. A list of AD's may be found in aircraft records. I certify this engine has been inspected in accordance with a 100hr inspection and determined to be in airworthy condition.

Terrill Shafei IA2860279

May 4 2009 N4904 S/N 2924

Flight time: 327.9 Hobbs: 392.1



Erie Municipal Airport 395 Airport Drive Erie, CO 80516

1. CAW Cirrus 25 hour scheduled maintenance checks and inspection in accordance Cirrus SR22 AMM Chapter 05-20 by completing 100 hours inspection of engine, and Tornado Alley Inc. 50 hour items following first 25 hours after engine install.

2. Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Aeroshell 15W50 oil and new CH48108 oil filter.

3. Compression test: #1 75/80 #2 78/80 #3 78/80 #4 76/80 #5 76/80 #6 77/80. Borescoped cylinders for defects, none noted. Visual inspection of overall engine installation, engine controls, mounts, fuel and oil lines was o.k. Wash down engine. Runup/leak check o.k. A list of AD's may be found in aircraft records. I certify this engine has been inspected in accordance with

a 100hr inspection and determined to be in airworthy condition.

Terrill Shafer IA2860279

May 18 2009 N4904 S/N 2924

Flight time: 348.1 Hobbs: 415.1



Erie Municipal Airport 395 Airport Drive Erie, CO 80516

1. C/W Cirrus 50 hour scheduled maintenance checks and inspection in accordance Cirrus SR22 AMM Chapter 05-20 schedule maintenance checks and inspection, and Tornado Alley Inc 50 hour items. CAV applicable TCM SB's.

2. Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Aeroshell 15W50 oil and new CH48108 oil filter.

Visual inspection of overall engine installation, engine controls, mounts, fuel and oil lines was o.k. Wash down engine. Runup/leak check o.k. A list of AD's may be found in aircraft records. I certify this engine has been inspected in accordance with a Cirrus 50 Hour Inspection and is approved for return to service.

Ionathan Carlisle AP3063926

August 21 2009 N4904 S/N 2924

TCM 10550N50 S/N: 691495 Flight meter: 396.5 Hobbs: 472.3



Erie Municipal Airport Erie, CO 80516

Brought

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- 1. Performed a 100hr inspection of engine for N4904 in accordance with FAR 43 appdx D and Cirrus SR22 AMM Chapter 05-20 schedule maintenance checks and Tornado alley 100 hour inspection items. C/W applicable TCM SB's SB96-12,
- 2. Performed cylinder compression test #1 75/80 #2 74/80 #3 74/80 #4 73/80 #5 72/80 #6 75/80.
- 3. Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Aeroshell 15W50 oil and new CH48108 oil filter.
- I. Replace all spark plugs, URHB32E.

Visual inspection of overall engine installation, engine controls, mounts, fuel and oil lines was o.k. Wash down engine. Runup/leak check o.k. Flushed all oil hoses and lines. A list of AD's may be found in aircraft records. I certify this engine has been inspected in accordance with a Cirrus Maintenance 100hr inspection and determined to be in airworthy condition.

> Terrill Shafer 142860279

January 19 2010 N4904 S/N 2924 TCM 10550N50 S/N 691495 Flight time: 450.1 Hobbs: 535.1



Erie Municipal Airport 395 Airport Drive Erie, Colorado 80516

1. C/W Cirrus 50 hour scheduled maintenance checks and inspection in accordance Cirrus SR22 AMM Chapter 05-20 schedule maintenance checks and inspection, and Tornado Alley Inc 50 hour items. C/W applicable TCM SB's.

2. Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Aeroshell 15W50 oil and new CH48108 oil filter.

Visual inspection of overall engine installation, engine controls, mounts, fuel and oil lines was o.k. Wash down engine. Runup/leak check o.k. A list of AD's may be found in aircraft records. I certify this engine has been inspected in accordance with a Cirrus 50 Hour Inspection and is approved for return to service.

Terrill Shafer AP2860279IA

April 20 2010 N4904 S/N 2924 TCM 10550N50 S/N 691495 Flight time: 502.30 Hobbs: 597.4



395 Airport Drive Erie, Colorado 80616

- 1. Performed a 100hr inspection of engine for annual of N4904 in accordance with FAR 43 appdx D and Cirrus SR22 AMM Chapter 05-20 schedule maintenance checks and Tornado alley 50/100 hour inspection items. C/W applicable TCM SB's SB96-12, SB95-2, SID05-7, SID97-3E.
- 2. Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Aeroshell 15W50 oil and new CH48108 oil filter.

3. Replaced camshaft cover gasket P/N 653415.

Visual inspection of overall engine installation, engine controls, mounts, fuel and oil lines was o.k. Wash down engine. Runup/leak check o.k. Flushed all oil hoses and lines. A list of AD's may be found in aircraft records. I certify this engine has been inspected in accordance with a 100hr inspection and determined to be in airworthy condition.

Terrill Shafer IA2860279

August 17 2010 N4904 S/N 2924 TCM 10550N50 S/N 691495 Flight time: 555.3 Hobbs: 650.6



Erie Municipal Airport 395 Airport Drive Erie, Colorado 80516

1. C/W Cirrus 50 hour scheduled maintenance checks and inspection in accordance Cirrus SR22 AMM Chapter 05-20 schedule maintenance checks and inspection, and Tornado Alley Inc 50 hour items. C/W applicable TCM SB's.

2. Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Aeroshell 15W50 oil and new CH48108 oil filter.

Visual inspection of overall engine installation, engine controls, mounts, fuel and oil lines was o.k. Wash down engine Run-up/leak check o.k. A list of AD's may be found in aircraft records. I certify this engine has been inspected in accordance with up/leak check o.k. A list of AD's may be found in aircraft records. I certify this engine has been inspected in a Cirrus 50 Hour Inspection and is approved for return to service.

> Jonathan Carlisle AP3063926IA

November 30, 2010 N4904 S/N 2924 TCM 10550N50 S/N 691495 Flight time: 605.7



Erie Municipal Airport 395 Airport Drive Erie, Colorado 80516

Brought

Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Aeroshell 15W50 oil and new CH48108 oil filter. Run up leak check. -----END----

Charles J Beninati AP2885079

Mountain Aircraft Maintenance. Inc

P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387

Hobbs 727.4 Flight Time & Engine Total Time 632.1 April 14, 2011 **TCM 10 550-N** S/N 691495

100 Hour inspection accomplished per Cirrus airplane maintenance manual chapter 05. Compressions; #1 65/80 #2 66/80 #3 62/80 #4 68/80 #5 65/80 #6 68/80 master orifice reading 37/80. Changed oil and filter, installed new CH48108-1 filter and serviced engine with Aeroshell 15W50 oil. No abnormal debris noted in old filter. Cleaned, gapped, tested and rotated spark plugs, reinstalled using annealed gaskets. Retorqued left exhaust shield clamps. Checked torque on forward engine thru bolts, oil sump and accessory pads. Installed all new rocker box cover gaskets with new. Replaced safety wire on oil drain valve. Complied with TAT SB10-02, revision A by replacement of left and right exhaust tail pipe hangers. I certify that this engine has been inspected in accordance with a 100 Hour / ANNUAL inspection and was determined to be in airworthy condition.

John C Duffy A&P 3491366

July 20 2011

N4904 Cirrus SR22 S/N 2924 Engine IO550N50 S/N 691495

Flt meter: 694.4 Hobbs: 789.7

Drained engine oil removed and examined oil filter. No contamination found. Serviced with 8qts Aeroshell 15X50 oil and new

CH48108-1 oil filter. ----END-

Charles J Benihat AP2885079

September 20, 2011

N4904 Cirrus SR22 S/N 2924 Engine IO550N50 S/N 691495

Flt meter: 749.9

Flt meter: 805.5

Erie Municipal Airport 395 Airport Drive Erie. CO 80516

Erie Municipal Airport

395 Airport Drive Erie, CO 80516

Drained engine oil removed and examined oil filter. No contamination found. Serviced with 8qts Aeroshell 15W50 oil and new CH48108-1 oil filter. --

> Charles J Beninati AP2885079

January 3 2012 N4904 Cirrus SR22 S/N 2924 Engine IO550N50 S/N 691495



Erie Municipal Airport 395 Airport Drive Erie, CO 80516

1. Drained engine oil removed and examined oil filter. No contamination found. Serviced with 8qts Aeroshell 15W50 oil and

2. Replaced all 12 spark plugs with new P/N URHB32E, and reset magneto to engine timing -END--

> William A Lange AP2712036

Date May 4 2012 N4904 S/N 2924 Engine IO550N50 S/N 691495 **/ector**Air Erie Municipal Airport Flight time: 848.4 Hobbs: 943.7 395 Airport Drive Erie, Colorado 80516 Brought For 1. Performed a 100hr inspection of engine for annual of N4904 in accordance with FAR 43 appendix D and Cirrus SR22 AMM Chapter 05-20 schedule maintenance checks as a guide, and Tornado alley 50/100 hour inspection items. C/W applicable TCM SB's SB96-12, SB95-2, SID05-7, SID97-3E. 2. Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Aeroshell 15W50 oil and new CH48108 oil filter. 3. Performed cylinder compression test #1 59/80 #2 55/80 #3 43/80 #4 48/80 #5 63/80 #6 77/80. 4. Removed magnetos P/N's 10-500556-101, S/N's D07KA085, D07KA115, sent to Aircraft Magneto Service for 500hour inspection. See Maintenance release tags, and Aircraft Magneto Service work order #'s 4490, 4491. 5. Complied with alternator # 1 500 hour inspection and brush replacement, P/N ALE1013AS. 6. Complied with TCM 500hour cleaning and inspection of fuel injection nozzles. 7. Replaced starter drive adapter with overhauled exchange unit P/N 642085A2. 8. Replaced forward camshaft cover plate gasket P/N 653415. 9. Replaced broken right wastegate arm spring, P/N LEM/20D03S. 10. Replaced all rocker cover gaskets P/N 655705. 11. Replaced right wastegate support bolt MS21250-05020, and upper bracket bushing P/N 22-6200021. 12. Removed left and right turbochargers P/N's 466304-9003, S/N's KIL01419, IAL00260, Sent to Approved Turbo Components for overhaul. See FAA form 8130-3's in aircraft records. Reinstalled following overhaul. Visual inspection of overall engine installation, engine controls, mounts, fuel and oil lines was o.k. Wash down engine. Runup/leak check o.k. Flushed all oil hoses and lines. A list of AD's may be found in aircraft records. I certify the been inspected in accordance with a 100hr inspection and determined to be in airworth -FND AVIATION BUSINESS SYSTEMS 715 North Memorial Parlowsy 715 North Memorial Parlowsy 150 North Parlows 15 REORDER FROM: The aircraft, airframe, aircraft engine, propeller or September 20, 2012 appliance identified below was repaired and inspected in accordance with current regulations N4904 S/N 2924 Engine IO550N50 S/N 691495 of the Federal Aviation Administration and is Flight time: 904.0 approved for return to service. Drained engine oil, removed and examined oil filter. No contamination foul Pertinent details of the repairs under CH48108 oil filter. ---END are herein attached Work Order # <u>5174</u> Dated 5 DECEMBER Inspected by November 27, 2012 N4904 S/N 2924 Engine IO550N50 S/N 691495 Ve Flight time: 937.8 Unit MAGNETO Drained engine oil, removed and examined oil filter. No contamination found. Part # 10-500556-101 Ser. # 1 CH48108 oil filter. Performed cylinder compression test #1 62/80 #2 62/80 Disposition Return To Reason For Removal REPOIR TEST Removed By T. Shares Date UNE AD or Service See Paucesc Side
Bulletins of TAG TOP LISTING Work REPLACED DISTRIBUTOR
Performed GEAP WITH NEW
FAA Certificate No. 10-357586
TESTED TANK TON FORM # December 7 2012 N4904 S/N 2924 Engine IO550N50 S/N 691495 Veg Flight time: 938.7 Removed left magneto P/N 10-500556-101, S/N D07KA085, sent to Aircraft Ma AIRCRAFT MAGNETO SERVICE repair. See Aircraft Magneto Service maintenance release tag and work order check satisfactory. ----END---11697 KIRK AVE. NE BAINBRIDGE ISLAND, WA 98110 (206) 768 - 3099 X42002-2

Date	Tota	l Time		Since everhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections.
2013	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
Brought Forward		-			
06-13-2013	1096	4			Continental IO-550-N, S/N 691495, Compression # 1 69/80 # 2 71/80 # 3 66/80 # 4 62/80 # 5 69/80, # 6 69/80. Changed engine oil + filter utilizing 8 Rts of Aeroshell 15W-50 + AA48108- Filter. Cut open old filter; NO contamin Pound. Complied with SA09-08, SA09-0 Replaced 5 ft. of 11/4" scat tubing.
					I certify that this PAGIMP has been inspected in accordance with IDAM: IDAMUAL inspection and was determined to be in an almorthy condition. Lawson Aero, LLC - Alton, WY / James W. Lawson, Jr. A&P, IA 3034108 ARP ID AGRICUATION
1. Remo 16 20 4/ AC new C 2. Repla 1C13, 3. Repla 4. Remo Turbo	ved and 13 and w 06BA274 H48108- ced wast MS2039 ced right ved left to Componi	replaced ork order , 5/ ACO6 1 oil filter egate cor 2-1C25 a exhaust i urbochargents work	all six cylii # C5653- 6AB919, 6, r. Perform ntrol cable and safety manifold fo ger, sent to	/ AC07IB3 led run up pulley bra pin AA554 orward hea o Approved	VectorAir Aircraft Inspection & Repair Wing overhaul by Aircraft Engine Specialist, See FAA form 8130 dated October Vinder S/N's cylinder 1/ AC07IB110, 2/ AC07IA227, 3/ AC07HC745, 24. Drained engine oil, serviced with 8 Qts Aeroshell 80 straight mineral oil and and leak check. Icket P/N 22-5600004, control cable P/N 22-5650009, wastegate pins MS20392-188-2. If Turbo Components Inc. for overhaul. See FAA form 8130-3 and Approved dated 10-16-13. Reinstalled turbo with new gasket P/N 636456. Charles J Beninati AP2885079
N4904 Engine Flight tir	ne: 1053.	6 S/N 69	Aller CIO	8-05 indu	VectorAir Aircraft Inspection & Repair Cition filter cleaning, SI08-04 heat exchanger inspection, SB08-01 breather inspection, SB09-01 Half stamp exhaust manifold inspection, SB12-02 engine

Date		Total	Time		Since Verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives
		Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins
ught Fon	Wi (Air	frame)				Modifications and Service Bulletins Modifications and Service Bulletins
	magn	omer: plied with twed the i	Scot SR22 h the follo	INC. A.F. INC. A.F. INC. A.F. INC. A.F. INC. INC. INC. INC. INC. INC. INC. INC	Ain 2924 ntenance if alled PN: 1	Cirrus Reg. No. N4904 AFTT: 1206.1 Cycles: NA Date: April 29, 2014 0-382584 contact, PN: 10-349276 condenser, PN: 10-400613 gasket. Installed
						-END- All maintenance performed on this sircraft was performed in accordance with current regulations of the Federal Avistion Administration and is approved for return to service with respect to the work performed. For details see W.O. No
Septe	ember 1,	2014				
Engir	4 S/N: ne IO550	0N50 S/	N 691495			
1. Per	time: 11	145.7 F	lobbs: 12	241.2	ne for anni	VectorAjr Alroraft Inspection & Repeir Jal of N4904 in accordance with FAR 43 appendix D and Cirrus SR22 ks as a guide, and Tornado alley 50/100 hour inspection items as a guide.
tube pun alig	mplied we cleaning inspendent	08 oil fill cylinder vith inspend, SB08 ection,	ter. compress ections in 3-02 PRV SI11-01,	sion test # reference duct insp inspection	1 78/80 #2 e to Torna pection, SE n of exhau	- No contamination found. Serviced with 8qts Phillips XC20W50 oil and 72/80 #3 74/80 #4 62/80 #5 76/80 #6 72/80. do Alley, S108-04 heat exchanger inspection, SB08-01 breather discharge ist system slip joints. SB11-04 turbs jection, SB12-02 engine driven fuel
tube pun alig Visual up/lea	mplied we cleaning inspections in the check which is the check with the check in th	08 oil fill cylinder with inspen ng, SB08 ection, SB10-01 ion of over	ter. compress ections in 3-02 PRV SI11-01, alternate rerall eng	sion test # reference duct inspinspection air door I ine install	to Tayle to Torna pection, SE n of exhau hinge inspe- lation, engi	272/80 #3 74/80 #4 62/80 #5 76/80 #6 72/80. do Alley, S108-04 heat exchanger inspection, SB08-01 breather discharge last system slip joints, SB11-04 turbo inlet screen, SB11-03 Support rod ecotion. ne controls, mounts, fuel and oil lines was o.k. Wash down engine. Rundon and determined to be in airworthy condition. Terrill Shafer
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tube pun alig Visual up/lea	mplied we cleaning inspections in the check which is the check with the check in th	08 oil fill cylinder with inspen ng, SB08 ection, SB10-01 ion of over	ter. compress ections in 3-02 PRV SI11-01, alternate rerall eng	sion test # reference duct inspection air door I ine install oil hoses with a 100I	#1 78/80 #2 e to Torna pection, SE n of exhau hinge inspeation, engi and lines. hr inspection MichelsAvi 1280 Airpor	2. 72/80 #3 74/80 #4 62/80 #5 76/80 #6 72/80. do Alley, \$108-04 heat exchanger inspection, \$B08-01 breather discharge last system slip joints, \$B11-04 turbo inlet screen, \$B11-03 Support rod ection. Terrill Shafer A2860279 attion Blvd
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THE NIL HE III

March 19, 2015 N4904 S/N 2924

Engine IO550N50 S/N 691495

Date

Brought For



Erie Municipal Airport 395 Airport Drive Erie, Colorado 80516

1. Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Phillips XC20W50 oil and 2. Replaced right wastegate linkage spring P/N LEM120D03S, arm pins MS20392-1C15, MS20392-2C13 and safety pin

----END-

Jonathan Carlisle AP3063926IA

Hobbs

DATE 11-18-15 N4904, TCM 10-550-N, S/N 691495, TACH /385, 3

Removed engine from aircraft for overhaul. Cylinders were overhauled by Performance Aircraft Powerplants, Inc all records on file at Performance Aircraft Powerplants under W/O # 3404. All steel parts were inspected by Rick Romans, Inc. and SB M76-4 and MSB96-10B were complied with, all records on file at Rick Romans, Inc under W/O # 49873. Crankcase Services, Inc. inspected and repaired crankcase per CSI-2001 process CSI-24422, C/N 655434/655435, S/N R07JA225. Complete turbo system was overhauled, Pressure relief valve, controller, both wastegates and both turbos records are on file at Main Turbo Systems, Inc under W/O # 39955. Fuel Pump was overhauled by Tornado Alley Turbo and TAT SB 12-02 was complied with all records on file at Tornado Alley Turbo, Inc under W/O # 15-518. Great Planes Fuel Metering overhauled fuel system components and all records are on file at Great Planes Fuel Metering, Inc. under W/O # 15-517. Reassembled engine per TCM overhaul manual and utilizing the following parts 1ea. Sa646592-A1M10, 1ea. EQ7191, 1ea. 641250, 24ea. AEC501868, 1ea. SA630899, 6ea. SA536379, 4ea. SA649205, 2ea. SA641909, 12ea. SA642398-M10, 12ea. 655958, 12ea. 654490, 4ea. SA631088-.44, 36ea. SA531001, 12ea. SA652541, 4ea. SA638172, 1ea. 629680M010, 4ea. 535847, 1ea. 653359, 1ea. 630691, 1ea. 634150, 24ea. 653188, 30ea. MS20500-428, 24ea. 501868, 60ea. 649353-.62, 8ea. SA641931-10.75, 1ea. 652887-5.31, 1ea. 630943-6.19, 4 ea. 654587-.44, 2 ea. 539023, 2ea. BL-500556-101, 1ea. 10-423674-25Y, 12ea. URHB32E, 6ea. SA628488, 6ea. 646277, 1ea. 646385, 1ea. CH38-20L, 1ea. CH38-20R. MSB13-6A was complied with during reassemble of engine by installing large crankshaft gear P/N 656991 REVISION C. Compression #1.79 #2.79 #3.79 #4.79 #579 #6.79. 8ats of Phillips XC 20W-50 and filter AA48108-2 were installed. I Certify that this engine has been inspected IAW an annual inspection and was found to be in an airworthy condition and is approved for return to service for the work performed. Lawson Aero, LLC Afton, WY . A&P/IA 3034108 Mechanic

March 10, 2016 N4904 S/N 2924 Engine IO550N50 S/N 691495 Flight time: 1320.0



1. Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Phillips XC20W50 oil and new CH48108-1 oil filter. Performed run up leak check .---

> Jonathan Carlisle AP3063926IA

Time Since Engine Service and Maintenance Record **Total Time** Date Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections, Min. Hrs. Min. Hrs. **Modifications and Service Bulletins** ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N4904 Continental IO-550-N(50) S/N: 691495 Total Time: 1325.6 24 May 2016 Flight Hobbs: 1325.6 Hobbs Meter: 1420.9 Performed compression test: #1) 79/80, #2) 78/80, #3) 79/80, #4) 78/80, #5) 79/80, #6) 79/80. Removed and inspected oil filter. No ferrous contaminates noted. Blackstone oil sample taken and submitted. Installed new oil filter. Performed inspection of exhaust system. Small hole found in right exhaust manifold at the upper aft corner of the transition. No corrective action taken at this time at request of owner. A list of airworthy items provided to owner in letter form. Ground run leak check satisfactory. Delaell L. John Wells A&P3221132 w/o 36727 June 16, 2016 N4904 S/N 2924 Engine IO550N50 S/N 691495 Erie Municipal Airport 395 Airport Drive Flight time: 1326.5 **/ector**Air Aircraft Inspection & Repair Erie, Colorado 80516 1. Replaced both tail pipe V-band clamps with new P/N 11-1100023. 2. Installed replacement missing turbocharger lateral support spacers, P/N's ETI-G2-600-129. 3. Installed new exhaust right manifold P/N 22-3850003. ——END-Terrill Shafer AP2860279IA August 4 2016 N4904 S/N 2924 Engine IO550N50 S/N 691495 Erle Municipal Airport 395 Airport Drive **/ector**Air Flight time: 1350.9 Erle, Colorado 80516 1. Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Phillips XC20W50 oil and new CH48108-1 oil filter. Performed run up leak check. -----END-Jonathan Carlisle AP3063926IA December 22, 2016 N4904 S/N 2924 Engine IO550N50 S/N 691495 Erie Municipal Airport Flight time: 1402.6 Eng TSMOH: 112.8 1. Performed a 100hr inspection of engine for annual of N4904 in accordance with FAR 43 appendix D and Cirrus SR22 AMM Chapter 05-20 schedule maintenance checks as a guide, and Tornado alley 50/100 hour inspection items as a guide. C/W applicable TCM SB's. 2. Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Phillips XC20W50 oil and new CH48108 oil filter. 3. Performed cylinder compression test #1 76/80 #2 78/80 #3 79/80 #4 78/80 #5 75/80 #6 79/80. 4. Complied with inspections in reference to Tornado Alley, SI08-04 heat exchanger inspection, SB08-01 breather discharge tube cleaning, SB08-02 PRV duct inspection and installed new chaff pad., SB09-01 Half stamp exhaust manifold inspection, SB12-02 engine driven fuel pump inspection, SI11-01, inspection of exhaust system slip joints, SB11-04 turbo inlet screen, SB11-03 Support rod alignment, SB10-01 alternate air door hinge inspection. Retimed magnetos to engine 21.2 degrees. 6. Re-torqued loose intake hose clamp on cylinder #2. Visual inspection of overall engine installation, engine controls, mounts, fuel and oil lines was o.k. Wash down engine. Runup/leak check o.k. A list of AD's may be found in aircraft records. I certify this engine has been inspected in accordance with a 100hr inspection and determined to be in airworthy condition. ---Joel Burkholder AP3277608IA

d C S, April 20, 2017 Erie Municipal Airport 395 Airport Drive Erie, Colorado 80516 N4904 S/N 2924 ectorAir Engine IO550N50 S/N 691495 Flight time: 1455.1 Eng TSMOH: 165.3 Drained engine oil, removed and examined oil filter. No contamination found. Serviced with 8qts Phillips XC20W50 pil and new Brought CH48108 oil filter. . -----END-Jonathan Carlisle AP3063926IA DATE: 7/14/2017 Crosswind Aviation (dba CAMS) A/C TSN: 1488.6 **ENGINE MODEL:** ENG TT: 1488.6 IO-550N50 7548 Fuller St Casper, WY 82604 Phone: 307-472-4359 TSMOH: 198.8 ENGINE S/N: 691495 REG. NO: N4904 FLIGHTTIME: 1488.6 WORK ORDER: 1599-06-2017 **Engine Entries** PERFORMED ENGINE COMPRESSION CHECK, #1) 76/80; #2) 74/80; #3) 74/80; #4) 74/80; #5) 76/80; #6) 75/80. Master Office Reading: 44
Drained oil, removed oil filter, cut open and inspected oil filter for contamination. No contamination noted at this time. Installed new oil filter and serviced
engine with 8 qts of Phillips 20W50 engine oil. Performed engine run and completed engine leak check. No defects noted at this time.

Took Oil Sample Took Oil Sample Technicians Who Worked On The Items Listed Above: GALEN E. PHILLIPS-BOYLE I CERTIFY THIS AIRCRAFT, ENGINE, PROP, HAS BEEN INSPECTED, ALL OPERATIONAL AND LEAK CHECKS HAVE BEEN COMPLETED, AND THE ABOVE LISTED WORK HAS BEEN DETERMINED TO BE IN AN AIRWORTHY CONDITION AND NO FURTHER ACTION IS REQUIRED AT THIS Work Order: 1599-06-2017 DATE: 7/14/2017 SIGNED: Printed by EBis 3 (datcomedia.com) DATE: 9/5/2017 American Aircraft Maintenance, Inc. **ENGINE MODEL: 10-550-N** AC TSN: ENGINE S/N: 691495 FNG TT Repair Station No. Z5SR421Y REG. NO: N4904 FLIGHTTIME: 1527.6 19711-B Campus Drive Santa Ana, CA 92707 WORK ORDER: 17-1319 Phone: (949) 852-8420 **Engine Entries** Drained engine oil. Removed filter and cut open for inspection. No defects found. Serviced engine with Phillips X/C 20W50 oil. Installed new AA48108-2 filter, torqued and safetied. Washed engine. Ran engine to check for leaks. No leaks observed.... Oil sample taken and sent for analysis CURRENT THE WORK DATE: 10/17/2017 American Aircraft Maintenance, Inc. ENGINE MODEL: IO-550-N ENGINE S/N: 691495 REG. NG: N4904 WORK ORDER: 17-1406 AC TSN Repair Station No. Z5SR421Y ENG TT k Order: 17-1319 FLIGHTTIME: 1562.3 19711-B Campus Drive Santa Ana, CA 92707 Phone: (949) 852-8420 datcomedia.com) 4733 Broad Street **Engine Entries** ed engine oil. Removed filter and cut open for inspection. No defects found. Serviced engine with Phillips X/C 20W50 oil. Installed new AA48108-2 filter, torqued and safetied. Washed engine. Ran engine to check for leaks. No leaks observed.... Oil sample taken and sent for analysis. iis Obispo, CA 93401 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 WITH RESPECT TO THE WORK Fax: (805)547-2347 PERFORMED. No. Date SIGNED: Mus Work Order: 17-1406 DATE: 10/17/2017 Printed by EBis 3 (datcomedia.com) Michael Rogers Certified Repair Station No. Z5SR421Y 6 10/3/17 Maintenance Performed: Removed # 5 cylinder CHT probe and installed new CHT probe PN 16578-001. Op0erational test indicated proper operation. Work done IAW Cirrus SR-22 Maintenance Manual, 77-20. I certify the aircraft/engine(s) referenced in the above stated work order was performed in accordance with the current regulations of the Federal Aviation Administration and, with respect to the work performed, the aircraft identified above is presently aircraft are turned to service.

Art 2734221

Date:_

Signature: Andrew Schrage

			IO-550-N ENGINE S/N: 691495	Gryphon Aircraft Services, LLC.	0
	Total	Tir	REG. NO: N4904 WORK ORDER:	Repair Station No. CRS 2SDR271B 37680 Sky Canyon Drive	DATE: 12/1/2017 ACTSN: 1584.3
Date	Total	LIII	Murrieta8160-08-2017	Murrieta, CA 92563	ENG TT: 1584 3 TSMOH: 179 1 TACH: 1884 9
	Um	A She	Engine Entries	Phone: 951-698-4260	St Distribute the state of
	Hrs.	N	Completed 100 HOUR	The State of the S	
Brought Forward		-	Serviced engine with 8	INSPECTION per Gryphon Aircraft Services Inspection for d qts Phillips 20w-50xc. Compression check #1 72#2 79 #3 See AD note update sheet and master list for complete AD in th TAT 22-646004 Rev C ICA Cleaned	m. Changed oil and filter CH48108-1
Brought Forward					
			Replaced 4 spark plug	s with new URHB32E Replaced all rocker have analyst	T, Operational o.k. during tree
			Donissed all I I I a mir	The state of the s	Overlieu Manual Cia-
			RH wastegate support	exhaust pipe support spring per TAT 22-6150024 RevG,22- switch wires Replaced LH wastegate support hardware p bracket valve cover hardware Adjusted engine MAP, FF	er TAT 22-6150045 Reattached alternate air
				MAP, FF	and RPM to Maguel Replaced LH &
			Condition All work part	NE has been inspected IAW an 100 hour inspection and we ormed IAW applicable service manuals or other approved of facility under Work Order No. Marrieta 60-08-2017.	as determined to be to the
			DATE: 12/1/2017	SIGNED:	CRS #2SDR271B.
		alperine reason			Work Order: Murrieta8160-08-2017
		-		Glen Kratz Certified Repair Station No. CRS 2SDR271B	Printed by EBis 3 (datcomedia.com)
			ENGINE MODEL: IO-550-N	Gryphon Aircraft Services, LLC.	DATE: 1/31/2018
			ENGINE S/N: 691495 REG. NO: N4904	Repair Station No. CRS 2SDR271B	A/C TSN: 1592.4 ENG TT: 1592.4
			WORK ORDER: Murrieta8459-12-2017	37680 Sky Canyon Drive #802	TSMOH: 207.2 TACH: 1592.4
				Murrieta, CA 92563 Phone: 951-698-4260	
			Engine Entries		
		V	Adjusted engine MA	P, FF and idle RPM to TCM SID 97-3 Rev G and Tornado Al	lley Turbo maintenance manual Replaced
			#5 & 6 EGT probes.		Tarbo manneriance manual Replaced
			I Certify that with res	spect to only the work perfromed on the above identified Aircr	raft Engine Propeller or Appliance was
			under Work Order N	ice manuals or other approved documentation. Pertinent deta lo. Murrieta8459-12-2017. FAA CRS #2SDR271B.	ails of the repair are on file at this repair facility
		-	DATE: 1/31/2018	July /	
			DATE: 1/31/2016	SIGNED:	Work Order: Murrieta8459-12-2017
				Glen Kratz Certified Repair Station No. CRS 2SDR271B	Printed by EBis 3 (datcomedia.com)
			ENGINE MODEL: IO-550-N	Gryphon Aircraft Services, LLC.	DATE: 3/30/2018
			ENGINE S/N: 691495	Repair Station No. CRS 2SDR271B	A/C TSN: 1611.1 ENG TT: 1611.1
			REG. NO: N4904 WORK ORDER:	37680 Sky Canyon Drive	TSMOH: 225.9 TACH: 1611.1
			Murrieta8704-03-201	Murrieta, CA 92563 Phone: 951-698-4260	
			Engine Entries		
				ilter, Inspected filter element o.k Serviced 7 qts Phillips 20w-	50. Run for leaks o.k.
			I Cortify that with a	constitution and a second set of the second set of the second sec	
			repaired and inspe	espect to only the work perfromed on the above identified Airo ected in accordance with current FAA regulations and is APPF	ROVED for return to service All work performed
			IAW anniicahla ea	rvice manuals or other approved documentation. Pertinent del No. Murrieta8704-03-2018. FAA CRS #2SDR271B.	tails of the repair are on file at this repair facility
	-		DATE: 3/30/2018	SIGNED:	Work Order: Murrieta8704-03-2018
				Glen Kratz	Printed by EBis 3 (datcomedia.com)
				Certified Repair Station No. CRS 2SDR271B	
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His. Min. His. Min. Min. Min. Min. Modifications and Service Bulletins Modifications and Service Bulletins Modifications and Service Bulletins Finding to the service of	Date	Total	Time		Since everhaul	Installations Inspectio	ice and Maintenance ons, Airworthiness Directives, Specials Bulletins	ial Inspections,		
Experience to review process of the		Hrs.	Min.	Hrs.	Min.	Modifications and Sen	vice Bulletins	A Training		
DOUBLE WORK. Completed to the views are provided and state of the view of the	ought Forward		→							
PROBLEM CONTROL CONTRO		1		0	nhan Aircr	off Services, LLC.	A/C TSN: 1675.3			
The control of the co		10-550	D-N	5 Panair	Station No. CR	S 2SDR271B	TSMOH: 290.1			
Engine Entries Replace of 5 CHT probe — Channel and inspected for oil leak, no leads at this time. Replace of 5 CHT probe — Channel and inspected for oil leak, no leads at this time. I Centity that with respect to only the work performed for the above identification and an APPOCIDE for return to service All work performed repeated and inspected in second continued for the above identification and an APPOCIDE for return to service All work performed repeated and inspected in the repeat and on file at the repeat second second repeated and inspected in the repeat and on file at the repeat second continued who for Order to Murnels6957-07-2016 AUG SERVICE — Printed by EBs 3 (datcomedia com) Centre of the second continued to the repeated and on the repeated second continued to the repeated and on the repeated second continued to the repeated second continued second continued to the repeated second continued to the		REG. I	NO: N4904	37680	Sky Canyon Driv	V				
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repaired and inspected in accordance with approved documentation. Pertinent details of the repair are on file at this repair facility LAW applicable service manuals or other approved documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta9488-04-2019. FAA CRS #2SDR271B. DATE: 5/6/2019 SIGNED: Work Order: Murrieta9488-04-2019 Glen Kratz Certified Repair Station No. CRS 2SDR271B Printed by EBis 3 (datcomedia com)		engine fuel d	Irain IAW C	irrus Criapiei	, , , , , , , , , , , , , , , , , , , ,					
DATE: 5/6/2019 SIGNED: Work Order: Murrieta9488-04-2019 Glen Kratz Certified Repair Station Nr. CRS 2SDR271B Work Order: Murrieta9488-04-2019 Printed by EBis 3 (datcomedia com)		I Certify that	with respection	t to only the v	work perfrome with current	FAA regulations and is APPROVED	of for return to service All work performed			
DATE: 5/6/2019 SIGNED: Work Order: Murrieta9488-04-2019 Glen Kratz Certified Repair Station Nr CRS 2SDR271B Printed by EBis 3 (datcomedia.com)		IAW applicat	ole service r Order No. N	nanuals or ot Iurrieta9488-	04-2019. FAA	CR6 #2SDR271B.	and topal tooling			
Glen Kratz Certified Repair Station Nr. CRS 2SDR271B Printed by EBis 3 (datcomedia com)		2 11/2								
Certified Repair Station Nov. CRS 2SDR271B		DATE: 5/6/20	019	Class	Ventz					
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ought Forward		→				Asia feet a la l	
		ENGINE MODE		Gryphon A	ircraft Services, LLC.	DATE: 7/16/2019	
		ENGINE S/N: 6 REG. NO: N490	04	Repair Station No 37680 Sky Canyo	o. CRS 2SDR271B on Drive	A/C TSN: 1796.4 ENG TT: 1796.4 TSMOH: 413.2	
		WORK ORDER Murrieta9617-0	7-2019	#602 Mumieta, CA 9256	83	TACH: 1798.4	
		Facina En		Phone: 951-698-4	1260		
		leaks o.k II	and filter wit	gine compartin	serviced with Phillips 20w-50xc 7qts., Inspect nent for general condition and defects, check leaks at this time.	t filter element o k., take oil sample, run for ked brake fluid reservoir Cleaned/	
		repaired and IAW applicat	l inspected in ole service n	n accordance v nanuals or other	ork perfromed on the above identified Aircraft, with current FAA regulations and is APPROV or approved documentation. Pertinent details 7-2019. FAA CRS #2SDR271B.	ED for return to service All work performed	
		DATE: 7/16/	2019	SIGNE	ED: /w ld. 4/~	Work Order: Murrieta9617-07-2019	
					y Wildman ed Repair Station No. CRS 2SDR271B	Printed by EBis 3 (datcomedia.com)	
		MAKE: Cim MODEL: SI S/N: 2924			Aircraft Services, LLC.	DATE: 7/31/2019 A/C TSN: 1798.4 TACH: 1798.4	
		REG. NO:		Repair Station 37680 Sky Ca #602	n No. CRS 2SDR271B anyon Drive	IAUT. 1/30.4	
		Murrieta96	52-07-2019	Murrieta, CA 9 Phone: 951-6			
		Airfram	e Entries				
				ed engine with	7qts of Philips X/C 20w-50. Installed AA4810	08-2 oil filter, inspected old filter and found no	
		repaired :	and inspecte	ed in accordance manuals or o	work perfromed on the above identified Aircra se with current FAA regulations and is APPRO other approved documentation. Pertinent deta 2-07-2019. FAA CRS #350R271B.	OVED for return to service.All work performed	
		DATE: 7/	31/2019	SIG	INED:	Work Order: Murrieta9652-07-2019	
					n Kratz tified Repair Station No. CRS 2SDR271B	Printed by EBis 3 (datcomedia.com)	
					N. T. C.		
		ENGINE MOI	DEL:	Gryphon A	Aircraft Services, LLC.	DATE: 9/9/2019	
						A/C TSN: 1845.2 ENG TT: 1845.2	
		REG. NO: NA	1904	Repair Station N 37680 Sky Cany	lo. CRS 2SDR271B	A/C TSN: 1845.2 ENG TT: 1845.2 TSMOH: 480 TACH: 1845.2	
			1904 ER:	Repair Station N 37680 Sky Cany #602 Murrieta, CA 925	lo. CRS 2SDR271B ron Drive	ENG TT: 1845.2 TSMOH: 460	
		REG. NO: N4 WORK ORDI Murrieta9713	1904 ER: -09-2019	Repair Station N 37680 Sky Cany #602	lo. CRS 2SDR271B ron Drive	ENG TT: 1845.2 TSMOH: 460	
		REG. NO: NA WORK ORDE Murrieta9713 Engine E Perform 50	1904 ER: -09-2019 Intries O hour inspermags and tii	Repair Station N 37680 Sky Cany #602 Murrieta, CA 929 Phone: 951-698-	lo. CRS 2SDR271B ron Drive	ENG TT: 1845.2 TSMOH: 460 TACH: 1845.2	
		REG. NO: NA WORK ORD Murriets/9713 Engine E Perform 50 gap, install 22-646000 I Certify that repaired an	ntries O hour inspermags and til 4 Rev. C. at with respected this service	Repair Station N 37680 Sky Cany #802 Phone: 951-698- ction on LH an- me to engine, V	lo. CRS 2SDR271B on Drive 563 -4260 d RH magnetos, install new distributor blocks	ENG TT: 1845.2 TSMOH: 480 TACH: 1845.2 and gear kits on LH and RH mags, set E er fuel flow IAW Tornado Alley Turbo ICA Engine, Propeller or Appliance was ED for return to service All work performed	
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ENOR ORDER 17-2397 ENOR MODEL 10-550 N ENOR MODEL						DA	ATE: 10/11/2019
Existing Exercises Work Crocker			- (Gryphon A	ircraft Ser	vices, LLC.	ENG TT: 1845.2
Work Code: With State Services	t	ENGINE S/N: 69				18	
RPM surbo Visignot Authority. Adjustment made at LIM studo sube nubber slavere filting to give designate back of engine may from control cable. Together many from control cable. I Carrify that with respect to only the surbor performed on the above identified Ancraft. Engine, Propeller or Appliance was control cable. I Carrify that with respect to only the surbor performed on the above identified Ancraft. Engine, Propeller or Appliance was control cable. I Carrify that with respect to only the surbor performed on the above identified Ancraft. Engine, Propeller or Appliance was control cable. I Carrify that with respect to only the surbor performed on the above identified Ancraft. Engine, Propeller or Appliance was control to the control of th	, ,	WORK ORDER:	-2019	#602 Murrieta, CA 925	63		
RPM Lurb V Seard damp. Adjustment make at LIPH turb outer baber sleever fitting to give clearance for its unit of the control cable away from control	and the second second	Engine Entr	ries			structure to ke take oil sample, results pending ru	in for leaks
Tighted multiple timing around oil cooler area, cleared area. Puture observation required. In Certify that with respect to only the work performed on the above identified Aircraft Engine, Propeller or Appliance was regarded and impected in accordance with current of your addingent and AirCraft Engine, Propeller or Appliance was regarded and impected in accordance with current of your addingent and AirCraft Engine, Propeller or Appliance was required and impected in accordance with current of your internet details of the repair are on file at this repair facility under Work Order No. Murmels9788-10-2019. DATE 1011/2019 SIGNED Work Order Murmels9788-10-2019 ENGINE MODEL: 10-550-N ENGINE MODEL: 10-550-N ENGINE SN. 661963 SELEPT FROM THE Campus Drive Sanda Ana. CA92707 Proce (149) 1802-4010 Engine Entries Renoved Left Magnetio Model SERSC-259 SN D151A049R, Renoved Right Magnetio model SERC-259 SN D151A138R for outside repair at Aero Accessors was the Notes points available on left magnetio. Installate both magnetic buy Continental Engines overhaul manual timed (AW Tormado Alley Accessors was Notes) DATE 12/2/2019 SIGNED ENGINE MODEL: 10-56-9 Work Order: 17-2397 William Anderson Certified Repair Station No. 258R421Y ENGINE MODEL: 10-56-9 Work Order: 17-2397 William Anderson Certified Repair Station No. 258R421Y Printed by EBis 3 (datcomedia.com) Certified Repair Station No. 258R421Y ENGINE MODEL: 10-56-9 Work Order: 17-2397 Printed by EBis 3 (datcomedia.com) Printed by EBis 3 (datcomedia.com) Certified Repair Station No. 258R421Y ENGINE MODEL: 10-56-9 Work Order: 17-2397 Printed by EBis 3 (datcomedia.com) Certified Repair Station No. 258R421Y ENGINE MODEL: 10-56-9 Work Order: 17-2397 Printed by EBis 3 (datcomedia.com) Certified Repair Station No. 258R421Y ENGINE MODEL: 10-56-9 Work Order: 17-2397 Printed by EBis 3 (datcomedia.com) Certified Repair Station No. 258R421Y ENGINE MODEL: 10-56-9 Work Order: 17-2397 Printed by EBis 3 (datcomedia.com) Certified Repair Station No. 2							
I Certify that with respect to only the work performed on the above identified Arrent. Engine. Procedier or Appliance was repeared and inspected in accordance with current FA negulation parts a Perpovice (per result in serious All work performed parts and inspected in accordance with current FA negulation parts and repovice (per result) and report and a perpovice of the repair are on file at this repair facility under Work Order No. Murrelet?978-10-2015 EAA CRS #2SDR218 DATE 1011/2019 SIGNED: Work Order Murreleta?788-10-2019 Printed by EBis 3 (datacomedia com) Certified Repair Station No. CRS 2SDR218 Work Order Murreleta?788-10-2019 Printed by EBis 3 (datacomedia com) Certified Repair Station No. CRS 2SDR219 Work Order Murreleta?788-10-2019 Printed by EBis 3 (datacomedia com) Certified Repair Station No. 2SSR4217 STATE 1011/2019 Printed by EBis 3 (datacomedia com) Certified Repair Station No. 2SSR4217		Tightend multi	iple fitting a	Adjustment around oil cool	made at L/H er area, clear	turbo tube rubber sleeve fitting to gred sleam Moved Gang drain based area. Future observation required Moved Gang drain based area.	ack of engine
DATE 10/11/2019 SIGNED Work Order No. Murnelato? Per Developed documentation of partnersh details of the repair and on the au time deputed by London Work Order. Murnelato? Per Developed SIGNED Work Order. 17-2397 ENGINE MODEL: 10-550-N American Aircraft Maintenance, Inc. Per Developed Signed Signe		•		and the second		the above identified Aircraft Engine, Propeller or Appliance	ce was
DATE : 1011/2019 SIGNED Work Order Murretat9788-10-2019 FAX CRS #2SDR2718 ENGINE MODEL: 10-559-N Gen Natz Certified Repair Station No CRS 2SDR2718 ENGINE MODEL: 10-559-N American Aircraft Maintenance, Inc. American Aircraft Maintenance, Inc. Arron 9NIddlHS Sdn 809 ENGINE SN 691495 Engine Entries Removed Left Magneto Model SSR5C-25P SN D151AD49R Removed Right Magneto model SSRC-25P SN D151A138R for outside repair at Aero Removed Left Magneto Model SSR5C-25P SN D151AD49R Removed Right Magneto model SSRC-25P SN D151A138R for outside repair at Aero Accessories van Nutyn New points installad in left magneto. Installad by the magnetos sNW Continental Engines overhaul manual timed IAWT formado Alley Accessories van Nutyn New points installad in left magneto. Installad by the magnetos sNW Continental Engines overhaul manual timed IAWT formado Alley Accessories van Nutyn New points installad in left magnetos IAW Continental Engines overhaul manual timed IAWT formado Alley Accessories van Nutyn New points installad in left magnetos IAW Continental Engines overhaul manual timed IAWT formado Alley Accessories van Nutyn New points installad in left magnetos IAWC continental Engines overhaul manual timed IAWT formado Alley Accessories van Nutyn New points installad in left magnetos IAWC continental Engines overhaul manual timed IAWT formado Alley Accessories van Nutyn New points installad in left magnetos IAWC continental Engines overhaul manual timed IAWT formado Alley Accessories van Nutyn New points installad in left magnetos IAWC continental Engines overhaul manual timed IAWT formado Alley ENGINE ACCESSOR VAN ACCESS		I Certify that w repaired and	vith respect inspected i	t to only the wo	ork performed with current F	AA regulations and is APPROVED for return to service All wor AA regulations and is APPROVED for return to service All wor AA regulations and is APPROVED for return to service All wor	repair facility
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Glien Kratz Centified Repair Station No. CRS 2SDR2718 ENGINE MODEL IO-550-N ENGINE SN. 091495 RGC NO. M5004 RGC N						Work Order: Murrietas	
ENGINE MODEL 10-590-N ENGINE SIN 691495 REG. NO. 1M904 WORK ORDER 17-2397 Engine Entries Removed Left Magneto Model SFREC-25P SIN D15JA04PR. Removed Right Magneto model SGRC-25P SIN D15JA139R for outside repair at Aero Accessories with new base gashes. Post operational and leak check is now good (CA requirements with new base gashes. Post operational and leak check is now good Engine Entries Removed Left Magneto Model SFREC-25P SIN D15JA04PR. Removed Right Magneto model SGRC-25P SIN D15JA139R for outside repair at Aero Accessories with Nilvs. New points installed in left magneto installed both magnetos IAW Continental Engines overhaul manual timed IAW Tornado Alley Accessories with new base gashes. Post operational and leak check is now good DATE: 12/2/2019 SIGNED: Work Order: 17-2397 William Anderson Certified Repair Station No. ZSSR421Y Printed by EBis 3 (datcomedia.com) Engine Entries Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AA48108-2. Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AA48108-2. Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AA48108-2. Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AA48108-2. Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AA48108-2. Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AA48108-2. Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AA48108-2. Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AA48108-2. Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AA48108-2. Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AA48108-2. Completed 100		DATE: 10/11/	2013	Clon	Vrotz		comedia.com)
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Reg. No. 19494 WORK ORDER 17-2397 Regine Entries Removed Left Magneto Model SSRSC-25P SIN D15JA049R. Removed Right Magneto model SSRC-25P SIN D15JA049R. Removed Alley Accessories van Nuys. New poorts installed in left magneto Installed both magnetos IAWV Continental Engines overhaul manual timed IAWV Tornado Alley (CA requirements with new basis gaskets. Post operational and leak check is now good DATE: 12/2/2019 SIGNED: Work Order: 17-2397 William Anderson Certified Repair Station No ZSSR421Y Printed by EBis 3 (datcomedia.com) ACT TNA 2024 Chos-50-H ENGINE SN 681495 REG NO NM949 Murriad 1016-02-2202 Engine Entries Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AAB108-2 Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AAB108-2 Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AAB108-2 Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AAB108-2 Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AAB108-2 Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AAB108-2 Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AAB108-2 Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AAB108-2 Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AAB108-2 Completed 100 HOUR INSPECTION per Gryphon Aircraft Service		- 10 FF0 N	~~4.4.4.4	amen i		XIIIO SIIIGGIIII	
## 1971-18- Campus Drive Santa Ana. CA 82707 Phone: (949) 852-8420 ### 2014-18- Campus Drive Santa Ana. CA 82707 Phone: (949) 852-8420 ### 2014-18- Campus Drive Santa Ana. CA 82707 Phone: (949) 852-8420 ### 2014-18- Campus Drive Santa Ana. CA 82707 Phone: (949) 852-8420 ### 2014-18- Campus Drive Santa Ana. CA 82707 Phone: (949) 852-8420 ### 2014-18- Campus Drive Santa Ana. CA 82707 Phone: (949) 852-8420 ### 2014-18- Campus Drive Santa Ana. CA 82707 Phone: (949) 852-8420 ### 2014-18- Campus Drive Santa Ana. CA 82707 Phone: (949) 852-8420 ### 2014-18- Campus Drive Santa Ana. CA 82707 Phone: (949) 852-8420 ### 2014-18- Campus Drive Santa Ana. CA 82707 Phone: (949) 852-8420 ### 2014-18- Campus Drive Santa Ana.			AAM MACLE BUIL	-			. ENG TT:
Santa Ana. CA 92707 Phone (949) 825-9420 Engine Entries Removed Left Magneto Model SGRSC-25P SIN D151A04SR Removed Right Magneto model SGRC-25P SIN D151A13GR for outside repair at Aero Accessories van Nuys, New points installad in left magneto installed both magnetos IAW Continental Engines overhaut manual timed IAW Tornado Alley Accessories van Nuys, New points installad in left magneto installed both magnetos IAW Continental Engines overhaut manual timed IAW Tornado Alley (CA requirements with new base gaskets. Post operational and leak check is now good ICA requirements with new base gaskets. Post operational and leak check is now good DATE: 12/2/2019 SIGNED: William Anderson Certified Repair Station No. ZSSR421Y Printed by EBis 3 (datcomedia.com) Printed by EBis 3 (datcomedia.com) ACT TSN 2024 ENGITE STANON 1605 BEST CONTINENT STANON	REG. NO: N490	04	MIRCRAP				FLIGHTTIME: 1905.7
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replacement at flight hobbs of 4300. Removed all cylinders for overhaul by Pacific Continental Engines, WO 1681. (see 8130's) tension to spec IAW Cirrus AMM Removed all cylinders using new hardware, gaskets and safety locks as Reinstalled cylinders IAW Continental Manual M-0. Installed cylinders using new hardware, gaskets and safety locks as needed. Cylinders are not affected by SB-1808B Removed LH & RH exhaust dump tubes, Clean and reinstall using anti needed. Cylinders are not affected by SB-1808B Removed alternator #2 cleaned and inspected. Cleaned and prepared surface Replaced garlock/oil seal with new. Reinstalled Alternator, Torqued attaching hardware to spec Replaced prepared surface Replaced garlock/oil seal with new. Reinstalled Alternator, Torqued attaching hardware to spec Replaced prepared seal exists a seal of the repair slave waste gate clevis pins with new CW TAT Service Bulletin 11-04 Turbo oil inlet check valve inspection and cleaning. I Centify that this ENGINE has been inspected IAW an 100 hour inspection and was determined to be in AIRWORTHY Condition. All work performed IAW applicable service many also or other approved documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta10016-02-2020. FAA CRS #2SDR271B DATE 4/13/2020. SIGNED: Work Order Murrieta10016-02-2020.	io-5 ENG REC WO Mun	ork ORDER: rieta10016-02-20 egine Entries mpleted 100 H	#602 Mun D20 Pho S HOUR INSP	e: 951-698-426	Gryphon Aircr	aft Services Inspection form. Changed oil and filter AA48108-2	2
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needed. Cylinders are not affected by SB-1600b. Removed alternator #2 cleaned and inspected. Cleaned and seize Replaced Left aft exhaust heat shield breeze clamp Removed alternator #2 cleaned and inspected. Cleaned and prepped surface. Replaced garlock/oil seal with new. Reinstalled Alternator, Torqued attaching hardware to spec Replaced slave waste gate clevis pins with new CW TAT Service Bulletin 11-04 Turbo oil inlet check valve inspection and cleaning. I Certify that this ENGINE has been inspected IAW an 100 hour inspection and was determined to be in AIRWORTHY Condition. All work performed IAW applicable service may vals or other approved documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta10016-02-2020. FAA CRS #2SDR271B DATE 4/13/2020. SIGNED: Work Order Murrieta10016-02-2020.	io-5 ENC REC WO Mur En Cor Ser hist	rict on the control of the control o	#602 Munipho S HOUR INSP with 7qts. a late and cui	PECTION per (Vs Phillips 20V rrent revision of 450.0 CV	Gryphon Aircr V50XC Minera Replaced L V 12 month K	H & RH turbo exhaust V band clamps with new, due again for N filter service due Installed new A/C turnbuckle and adjust	2 . O note
prepped surface. Replaced garlockoli sear with new CW TAT Service Bulletin 11-04 Turbo oil inlet check valve inspection and cleaning. I Certify that this ENGINE has been inspected IAW an 100 hour inspection and was determined to be in AIRWORTHY Condition. All work performed IAW applicable service many also or other approved documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Muy feta10016-02-2020. FAA CRS #2SDR271B DATE 4/13/2020 SIGNED: Work Order Murrieta10016-02-2020.	io-se envisor	RK ORDER: rrieta10016-02-20 gine Entriet mpleted 100 H rviced engine v ttory thru this d blacement at fli sision to spec IA	#602 Murr Pho S HOUR INSP with 7qts. a late and cui ight hobbs of AW Cirrus A	PECTION per (//s Phillips 20V rrent revision of 450.0 CV	Gryphon Aircr V50XC Minera Replaced L V 12 month Ki	H & RH turbo exhaust V band clamps with new, due again for N filter service due Installed new A/C turnbuckle and adjust rs for overhaul by Pacific Continental Engines, WO 1681, (see alled evilleders using new hardware, naskets and safety lock	2 D note ted
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	IO-5-ENG REC WO Murr REC IN	part of the thick	Mount Municipal	PECTION per (1/s Phillips 20V rent revision. of 450 0 CV MMM. Remo- ontinental Maiffected by SB- khaust heat sh garlock/oil ses with new C	Gryphon Aircr V50XC Minera Replaced L V12 month Ki V12 month Ki V12 month Ki V13 month Ki V14 month Ki V15 month Ki V1	H & RH turbo exhaust V band clamps with new, due again for N fitter service due Installed new A/C turnbuckle and adjust rs for overhaul by Pacific Continental Engines, WO 1681, (see alied cylinders using new hardware, gaskets and safety locks anoved LH & RH exhaust dump tubes, Clean and reinstall using amp Removed alternator #2 cleaned and inspected. Cleane installed Alternator, Torqued attaching hardware to spec Rece Bulletin 11-04 Turbo oil inlet check valve inspection and cle	2. 2 note ted a 8130's) as g anti id and eplaced paning. Y he repair

ENGINE MODEL: 10-550-N Gryphon Aircraft Services, LLC. DATE: 7/6/2020 A/C TSN: 2049 2 ENG TT: 2016 TSMOH: 630.8 HOBBS: 25.2 Date e Record IO-550-N ENGINE S/N: 691495 REG. NO: N4904 WORK ORDER: Murrieta10206-06-2020 37680 Sky Canyon Drive #802 Murrieta, CA 92563 Phone: 951-698-4260 ecial Inspections, **Engine Entries Brought Fon** Installed engine driven fuel pump after repairs were completed by Great planes fuel metering Inc. 8130 tracking # GPFM 20-340 CRS # GPR022B dated 09/29/2020, Torqued attaching hardware to spec, Performed A run up leak check with no leaks I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service All work performed Table 3 and 1 and Work Order: Murrieta10206-06-2020 Printed by EBis 3 (datcomedia.com) DATE: 7/6/2020 ENGINE MODEL: IO-550-N Gryphon Aircraft Services, LLC. ENGINE S/N: 691495 REG. NO: N4904 WORK ORDER: 37680 Sky Canyon Drive TSMOH: 630.8 #602 Murrieta, CA 92563 Phone: 951-698-4260 HOBBS: 25 2 Murrieta10142-05-2020 **Engine Entries** Changed oil and filter, Inspect filter element o.k., Serviced with 7 quarts Phillips 20W50XC and installed new AA48108-2 filter take Black stone oil sample, run for leaks o.k... Inspected engine compartment for general condition and defects, checked brake fluid reservoir ok at this time... Removed EGT #1 and #3 cleaned connection and installed new EGT #1 and #3 probe... Adjusted throttle and prop governor cables so aircraft indicated closer to POH spec of 100% and 2700 RPM. I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APROVED for return to service All work performed IAW applicable service manuals or other approved documentation. Partiment details of the repair are on file at this repair facility under Work Order No. Murrieta10142-05-2020. FAA CRS #2SDF2 / B. Work Order: Murrieta10142-05-2020 SIGNED DATE: 7/6/2020 Printed by EBis 3 (datcomedia.com) ENGINE MODEL: Gryphon Aircraft Services, LLC. IO-550-N ENGINE S/N: 691495 REG. NO: N4904 A/C TSN: 2098.9 ENG TT: 2065.7 37680 Sky Canyon Drive 602 WORK ORDER: Murrieta10528-12-2020 Murrieta, CA 92563 Phone: 951-698-4260 Changed oil and filter, Inspect filter element o.k., took Black stone oil sample, Serviced with AA48108-2 oil filter & 7qts. Phillips 20w-50xc, run for leaks o.k... Inspected engine compartment for general condition and defects, checked brake fluid reservoir... Cleaned CHT #5 with Stabilant 22. I Certify that with respect to only the work performed on the above identified Aircraft, Engine, Propeller or Appliance was repaired and inspected in accordance with current FAA regulations and is APPROVED for return to service All work performed IAW applicable service manuals or other approved documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murrieta10528-12-2020 AA CRS #2SDR271B. DATE: 1/15/2021 SIGNED: Work Order: Murrieta10528-12-2020 Printed by EBis 3 (datcomedia.com) ENGINE MODEL: 10-550-N ENGINE S/N: 691495 REG NO: 04904 DATE: 5/14/2021 A/C TSN: 2127.5 ENG TT: 2094.3 TSMOH: 709.1 HOBBS: 103.5 Gryphon Aircraft Services, LLC. 37680 Sky Canyon Drive #602 Murrieta, CA 92563 Phone: 951-698-4260 WORK ORDER Murrieta10796-04-2021 **Engine Entries** Completed 100 HOUR INSPECTION per Gryphon Aircraft Services Inspection form. Changed oil and filter AA48108-2 Serviced engine with 7 qts. Phillips 20W50XC. Compression check #1 75 #2 70 #3 70 #4 71 #5 47 #6 70. Cleaned, gapped and tested all spark plugs See AD note update sheet and master list for complete AD note history thru this date and current revision... Removed, cleaned, and reinstalled all 6 fuel injectors with new o-rings and washers IAW Continental MM... Trimmed heat shields for cylinders #1 and #3... Replaced #4 upper and lower spark plugs with new... Removed LH and RH exhaust turbo down pipes, cleaned, applied copper anti-seize, and reinstalled IAW TAT... Strop drilled crack on RH engine baffle.... Installed new scat tube from intake box to alt air tube IAW Cirrus AMM.... Replaced with new fresh air intake scat tube and heat sleeve IAW Cirrus AMM.... CW Tornado Alley Instriptions for Continued airworthiness IAW 22-6460001 I Certify that this ENGINE has been inspected IAW an 100 hour inspection and was determined to be in AIRWORTHY Condition All work performed IAW applicable service manuals or other appeared documentation. Pertinent details of the repair are on file at this repair facility under Work Order No. Murreta 107:5-04-2021. FAA CRS #2SDR271B. DATE: 5/14/2021 SIGNED: . Work Order Murrieta10796-04-2021

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Date	Total	Time	Time Last O	Since verhaul	Engine Installation	e Services	e and M Airworthines	laintenand s Directives, Spe	cial Inspections,
	Hrs.	Min.	Hrs.	Min.	Modificatio	ns and Service	Bulletins		
Brought Forward		-			Modification		-		
	REG. NO WORK O	S/N: 691495 D: N4904	GRYPH	37680 S ON #602 Murrieta	hon Aircraft Soky Canyon Drive	ervices, LLC.	2,000	DATE: 10/7/2021 A/C TSN: 2141.6 ENG TT: 2108.4 TSMOH: 723.2 HOBBS: 117.6s	
	Replace Perform Remove Perform	e Entries ed cranksha ned a engine ed oil filter, F ned a run up	ft seal, Reinsta run up, Remo Replaced filter leak check wi	alled propelle oved cowling with new AA th no leaks n	s, Drained engine of	nd mounting nuts IAW il and recovered A oil ed. Serviced engine w owlings Inspected e	sample, Sent samp oith 7 quarts Phillips	20W50XC	
	IAW app	and inspect plicable sen	ted in accorda rice manuals o	ance with cur or other appro	rent FAA regulation	identified Aircraft, Ens and is APPROVED not be to be	tor return to service	All Work periorified	
	DATE: 1	10/7/2021	S	IGNED:	WK.WL	<u></u>	The second secon	rieta11145-10-2021	
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	Engine N4904	Ма	inter	nand	ce	TCM IO-		07 Fel Tach: 0	
						TSMO: 075	4.7	Hobbs: 2	
Mainten	ance Entr	ies:							
-Compli	ed with Co	ast Pre-l	buy Inspec	tion list a	nd provided cli	ent with list of re	commended di	screpancies.	
						: 72/80, #5: 60/8 g. No defects no			s. masso : ne v s
								emoved and inspec	cted - no metal -
found. R	Replaced w	vith Oil Fi	Iter (CH48	108-1).				*	
					isor Interface U nt. No further o	Jnit 16579-002. (lefects noted	Ops check ok.		1-
			21.5 degre			icicola noteu.			- I
					(ETI-G2-204-1	02).			
			Filter (33-20 h Magneto		-6700015) Ne	xt due at 449.1			
							ops - no leaks.	Next due at 449.1	_
•Alt 1 ins	pected in	accordan	ice with ma	anufacture	ers ICA and co	mplied with 500	Hr inspection. \	Nork performed in a	accordance with
CSB19-0			eak check						
	I certify the Feder	the airframe al Aviation F	, engine, and/ Regulations, a	or componer nd was deter	nt identified was rep mined to be in an A	aired and inspected in irworthy Condition at	n accordance with t this date and time	he current Repair Manual	and
	and/or main	ntenance pe	rformed, and i	s approved f	or return to service	as per those requiren	nents. Pertinent det	ails of the repair are on fil	e under
v	Vork Order: #	WO11226				1	/_		
						12	Puban San	days I CDC # O	247222
		SAN	DIEGO C	4 – CO	AST AVIA	TION SERV	ICES (05)	doval CRS # Co	DAR038E
		JAN.	DILGO, C				1000 - (85)	3) 800-3878	-
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	TACH					170	OZ CAME	MARD	
	165	6				Tem	PEST -4	A 48108-2	OIL FILTER
					CUT OIL	FILTER -	NO PART	ICLE OBSEL	2060
		_		- 1				ent off for	



Date	Total	Time	Last O		Engin	e Service	and Ma	intenanc	e Record
	Hrs.	Min.	Hrs.	Min.	Installation	ns, Inspections, A ons and Service B	irworthiness	Directives, Spe	cial Inspections,
- Manuary -		→							
ught Forward -									
			MAKE: Cir MODEL: S		\ m4	Gryphon Aircraft Se	ervices, LLC.		DATE 12/1/2017 A/C TSN: 1564 3
			S/N: 2924 REG. NO:	N4904	ERYPHON	37680 Sky Canyon Drive #602			TACH: 1564.3
			WORK OF Murrieta81	RDER: 60-08-2017		Murrieta, CA 92563 Phone: 951-698-4260			
				e Entries					
			Complet Complie	ed 10 year red with SB 2X	eplacement of rock -95-22 Aft rocket of	et motor and parachute IA grain excess lubricant. INS	STALLED PARACHL	TE ASSY S/N 03221R	1, INSTALLED
			ROCKE	MOTOR AS	SSY S/N 2170.	DEDI ACEMENT DATE R	V 10/04/27 Comp	leted ANNUAL INSPEC	TION per
						ervices Inspection forms - L ents, replace battery by 6/2			
			AD note	history thru t	this date and curre	nt revision Seat belt infli	per Cirrus Mainten	ance Manual Chapter 3	0 No leaks
			noted	Replaced ex	kisting wingtip nav	strobe lights with Whele	on lision, and landin	n lights operated norma	ally during ground
			check	Fit and insta	all new grommets	on vertical stabilizer VOR a	re cowl closeout s	eal Replaced deterio	rated right lower
			mainten	ance manual	chapter 32-20 par	d install new forward and a ra.2, safety, check for play,	d H brake system	service brake reservo	rRepaired
			RH brak fiberglas	e cylinder as s right inner	sy, install brake as wheel pant IAW A	C 43.13. Refinished with P	PC Delfleet single	tage system Replace	ed Pilot's lower
			mainten	ance manual	l, chapter 53-20	Cleaned INS strainer, rep	hantar 27-50 Rer	laced TKS no fuel place	ardReplaced
			30 Re	e-torqued LH lage CAPS p	lacard Replaced	External power placard BB2X-95-24R1 by installation	Reset Oxygen sys	em, Serviced oxygen sound wire kit 70572-00	ystem Complied 1. No further
			action re	equired Cl	eaned A/C.				
			I Certify	that this AIR	CRAFT has been	inspected IAW and ANNU/ licable service manuals or /ork Order No. Murrietal 15	AL inspection and w	as determined to be in	AIRWORTHY letails of the repair
			Condition are on f	on. All work p ile at this rep	erformed IAW app air facility under W	licable service manuals of lork Order No. Murrieta 1	60-08-2017. FAA CI	RS #2SDR271B.	
				12/1/2017	SIGNI	/ . /	//W		rrieta8160-08-2017
								Printed by EBis 3	(datcomedia.com)
El Paso Aero, In	ic.	. N#	: N4904			Cirrus			age 1 of 1
Avionics Associa		S/N				t: 72720 Time: 2207.5	THE WAY SHARE THE PARTY OF THE	07/08/22 2266.4	
7305 Boeing Drive El Paso, Texas 7993			ght Timer		Prope	ller: 2207.5		22.00	
FAA CRS#VL1R562F	K								
Routine maintenance p	performe	d in conjunc	ction with an	Annual Insp	ection on Teledy	ne Continental Engine Miness in accordance with	lodel IO-550-N S/I	l 691495; 6460004 and no prob	lems noted -
 Complied with 	Tomado	Alley Turbo	o, Inc. Instruc	tions for Co	intinued Airworui	mess in accordance with			ly 2022
 Complied with 	Tomado.	Alley Turbo	Inc. Service	e Instruction e Bulletin N	No. 08-01 by ins o. 08-02 by inspe	specting and cleaning oil a	problems noted -	next due July 2022.	
Complied with	Tornado	Alley Turbo	, Inc. Service	e Instruction	No. 08-04 by IIIs	specting caom near augm			- next due
Complied with	Tomado	Alley Turbo	, Inc. Service	e Instruction	s No. 08-05 by in	specting and cleaning Kd	&N induction air f	lter and reinstalled as	required -
next due at Airc	raft Tota Tomado	l Time 2307 Alley Turbo	.5 or July 20 o, Inc. Service	22. Bulletin N	o. 09-01 by inspe	cting left and right exhau	ist manifolds for ci	acks and no problems	noted - next
due at Aircraft	Total Tim	e 2307.5.		D 11 4 - N	- 10 01 by inche	oting alternate air hinge r	nin and no problem	s noted - next due Ju	ly 2022.
Complied with	Tornado.	Alley Turbo	, Inc. Service	Instruction	No. 11-01 by ins	pecting tell and right turk	ho support rods as	ok - next inspection	tue July 2022.
Complied with	Tornado.	Alley Turbo	, Inc. Service	Bulletin N	0. 11-04 by clean	ing and inspecting tures		Marie Marie Control of the Control o	
Complied with	Tomado .	Alley Turbo	, Inc. Service	Bulletin N	o. 12-02 by inspe	cting engine driven fuel p	pump as ok - next	due - next due at Aire	eraft Total
• Checked left &	July 202	2. meto timina	in accordan	ce with TCN	A Service Bulletin	No. MSB94-8D and no			
· Compliant	TCM Ser	vice Bulleti	n No. SB95-	7 by inspect	ion fuel manifold	and no problems noted.	B96-12 Part I - no	leaks noted and comp	ression
Checked engine	compres	0,2)72,3)72	,4)72, <u>5)36</u> &	6)74.			CM-SPM Mainten	ance and Overhaul M	anual. Cut
Checked engine	ows: #1)7				in serviceable lim	eassembled cylinder and	reinstalled with n	ew piston rings, keepe	ers, seals and
Complied with Checked engine checked as folkor Removed #5-cy intake and exha	ows: #1)7	caned, inspense and valve	seats, honed	cylinder bar	rei and painted.	The state of the s			
Complied with Checked engine checked as followed #5-cy intake and exha	ows: #1)7 linder, cl ust valve	s and valve	seats, honed	cylinder bar	s ok. Installed nev	v Champion CH48108-1	oil filter and servi	ced engine with Philli	ps
Complied with a Checked engine checked as follows the checked as fol	vilinder, cl ust valve	s and valve	seats, honed	inspected a	s ok. Installed nev	v Champion CH48108-1	oil filter and servi	ced engine with Philli	ps
Complied with ' Checked engine checked as folk Removed #5-cy intake and exha gaskets. Drained oil and 20W-50X/C oil Removed spark	l removed	s and valve loil filter. S caned, gapp	seats, honed plit filter and ped, inspected	inspected a	s ok. Installed nev	w Champion CH48108-1 s required.	oil filter and servi	ced engine with Philli necked ok.	ps
Complied with a Checked engine checked as followed #5-cy intake and exhaus exha	l removed l. plugs, cl injection i	s and valve loil filter. S eaned, gapp nozzles, cles naster and s	seats, honed plit filter and ped, inspected aned, inspected lave wastegat	inspected as l plugs as oked and no pro e hinge and	s ok. Installed new and reinstalled a oblems noted. Re clevis pins with r	w Champion CH48108-1 s required. installed nozzles with ne- new pins P/N AA55488-2	oil filter and servi	ced engine with Philli necked ok. MS20932-2C13 and	
Complied with a Checked engine checked as followed #5-cy intake and exhaus exha	removed l. plugs, cl njection i eplaced in	s and valve l oil filter. S leaned, gapp nozzles, cles naster and s ld ops checker	seats, honed plit filter and ped, inspected aned, inspected lave wastegated ok.	inspected at l plugs as ok ed and no pro- e hinge and	and reinstalled a oblems noted. Re clevis pins with 1	w Champion CH48108-1 s required. installed nozzles with ne- tew pins P/N AA55488-2 tify that this engine has b	oil filter and servi	ced engine with Philli necked ok. MS20932-2C13 and	

	Total	Time	TO THE RESIDENCE OF THE PARTY O	Since Overhaul	Engine Se	rvice and	Mail	ntena motives	Special	Inspectio
	Hrs.	Min.	Hrs.	Min.	Installations, Inspe Modifications and	ections, Airworth Service Bulleting	iness Di	lectives,	Орсона	Пороси
nt Forward		→			Wicamount					
			_	N4904	AIRFR	AME LOG BOO	K ENTI	RY	9/2	12/2022
/		_	-	Cirrus	SR22	S/N 2924	Flight	202.5	Hobbs	2290.9
_ AVIAT	NON RESO	URCES _	,	Continenta	al 10550N50	S/N 691495	Flight	202.5	Hobbs	2290.9
101 Air Cumb	port Ave	e, Hanga WI 5482	r7 9	Hartzell	PHC-J3Y1F-1N	S/N NJ1892B	Flight	202.5	Hobbs	2290.9
probe; inst connected; Installed pl -Removed down. Tigh flap torque flap actuate -Replaced t Lubed cont -Checked a -Accessed r -Removed SIM6C Rev ignition has ATI fuse wi See FAA 33 console. See	alled and secure acard for LH ailer on the tube be or link Pathrottle crois. Aileron to the tube whether the secure whether the	or TIT property of the control of th	ed probe Installed obe sele ed ailero to pulley P/N TFI- 4-004; o peller co up volt orrect be d ignition 005 – IA' er spark of MCU I	e. Installed selector octed. In roll trime, segment 2022-20; cotter pine ontrol end age; foundearing; reson harness W SE0437 plugs. Mathematical battery lug 22. POH seming Right	emoved TIT pins at a sed sockets in outside switch on pilot instruction; original trim travels and cotter pinned. Shortened spacers for ed and safety wired. It bearing and attach dat UP 3.4v, DOWN-tensioned, cotter piss. Installed SureFly PiscH and AML dated anifold Pressure referg. Fuse holder place supplement installed at (top) @ 20.5° and	firewall connectument panel left in the second seco	tor route t of PFD and 4.7° leron an Installed ded bolt ded ded bolt ded bolt ded bolt ded bolt ded bolt ded bolt ded bo	up, now a d safetied new rod and instantion meCH. Instanted tery #1 st	of TIT pro of mag at 6.2° u d. Repla l ends or alled cott odule, M alled new through	be and switch. p and ced all heft ter pins. lodel v 10-amp
-Removed is seatsCleaned Ticlear coatReplaced III-Installed bigPU portRemoved III-Removed III-Replaced to (Refer to Jo	cose rivattery n MCU cot. Reinsthrottle	ts. Adjusts. Adjusted with hinder hower. Retalled corod end 4.1 for definition of the second	sted ailo gupper i screws arness P torqued ever. P/N HF- etails.)	mating str and nuts V/N BM-Al #1 batter 3M; secur	e bracket to starter of tension to 35 lbs. So in the tension to 35 lbs. So	raped off old clear glouver. round at MCU te	erminal s	applied a tuds, uni	new lay t placed neat shie	er of above
-Removed is seatsCleaned Ticlear coatReplaced III-Installed bigPU portRemoved III-Removed III-Replaced to (Refer to Jo	cose rivattery n MCU cot. Reinsthrottle	ts. Adjusts. Adjusted with hinder hower. Retalled corod end 4.1 for definition of the second	sted ailo gupper i screws arness P torqued ever. P/N HF- etails.)	mating str and nuts V/N BM-Al #1 batter 3M; secur	rips with alcohol. Scroon left lower cowling K2A to power and grown and starter terminated and cotter pinne	raped off old clear glouver. round at MCU te	erminal s	applied a tuds, uni	new lay t placed neat shie	er of above
-Removed is seatsCleaned Ticlear coatReplaced I -Installed b GPU portRemoved I attachment -Replaced t (Refer to Jo THIS AIRCR WITH CURF JIM BARKE	(S pane cose riv attery n MCU co t. Reins throttle b #4904 AFT ENG RENT RE R A&P/I	ets with ninder h ver. Re- talled co rod end 4.1 for de GINE/PR	sted ailo gupper i screws arness P torqued ever. P/N HF- etails.)	mating str and nuts V/N BM-Al #1 batter 3M; secur	e tension to 35 lbs. So rips with alcohol. Sco on left lower cowling K2A to power and go ry and starter termin	raped off old clear g louver. round at MCU te tal. Installed riv d. LAND/OR V FOR RETURN TO 069 AVIAT	erminal s nuts in M VAS REP SERVIC	applied a studs, uninder the control of the control	new lay t placed neat shie	er of above
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-Removed is seatsCleaned Ticlear coatReplaced IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	CS pane cose rive attery n MCU cost. Reins chrottle cb #4904 AFT ENG RENT RE R A&P/I	ets with ninder h ver. Re- talled co rod end 4.1 for de GINE/PR GULATIO	sted aile gupper i screws arness P torqued over. P/N HF- etails.) COPELLE ONS OF	mating str and nuts V/N BM-Al #1 batter 3M; secur	rips with alcohol. Scroon left lower cowling K2A to power and grown and starter terminated and cotter pinne	raped off old clear glouver. round at MCU telear al. Installed riv d. CTED AND/OR V FOR RETURN TO 069 AVIAT Hanga	erminal s nuts in M VAS REP SERVIC TON RES	AIRED IN E. GOURCES 322-5787	new lay t placed neat shie	er of above
-Removed is seatsCleaned Ticlear coatReplaced IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	CS pane cose rive attery n MCU cost. Reins chrottle cb #4904 AFT ENG RENT RE R A&P/I	ets with ninder h ver. Re- talled co rod end 4.1 for de GINE/PR GULATIO	sted aile gupper i screws arness P torqued over. P/N HF- etails.) COPELLE ONS OF	mating str and nuts V/N BM-Al #1 batter 3M; secur	rips with alcohol. Scroon left lower cowling K2A to power and grown and starter terminated and cotter pinne	raped off old clear glouver. round at MCU telear al. Installed riv d. CTED AND/OR V FOR RETURN TO 069 AVIAT Hanga	erminal s nuts in M VAS REP SERVIC TON RES	AIRED IN E. GOURCES 322-5787	new lay t placed neat shie	er of above
-Removed is seatsCleaned Ticlear coatReplaced IIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIIII	CS pane cose rive attery n MCU cost. Reins chrottle cb #4904 AFT ENG RENT RE R A&P/I	ets with ninder h ver. Re- talled co rod end 4.1 for de GINE/PR GULATIO	sted aile gupper i screws arness P torqued over. P/N HF- etails.) COPELLE ONS OF	mating str and nuts V/N BM-Al #1 batter 3M; secur	rips with alcohol. Scroon left lower cowling K2A to power and grown and starter terminated and cotter pinne	raped off old clear glouver. round at MCU telear al. Installed riv d. CTED AND/OR V FOR RETURN TO 069 AVIAT Hanga	erminal s nuts in M VAS REP SERVIC TON RES	AIRED IN E. GOURCES 322-5787	new lay t placed neat shie	er of above

Date	Total	Time		e Since Overhaul	EI	ngine Ser	vice an	d Ma	inten	ance	Recor		
	Hrs.	Min.	Hrs.	Min.		allations, Inspedifications and	vuolis. Ali Woi	HILLINGS	Directives	s, Specia	al Inspection		
		,		N4904		ENGIN	IE LOG BOO	K ENTR	Υ	9/1	2/2022		
			-	Cirrus		SR22	S/N 2924	Flight	202.5	Hobbs	2290.9		
/ AVIAT	ION RESOU	IRCES _	,	Continental		IO550N50	S/N691495	Flight	202.5				
101 Ai	rport Ave.	, Hangar	7	Hartzell		PHC-J3Y1F-1N	S/N NJ1892B			Hobbs	2290.9		
	erland, V						E-100 - 100	Flight	202.5	Hobbs	2290.9		
Accessed	firewall c	onnecto	r above	MCU. Re	move	ed TIT pins at fir	ewall plug. D	rilled ho	ole in left	exhaust	for TIT		
orobe; inst	alled and	torque	a probe	s. Installed	SOCK	ets in outside f	rewall conne	ctor rou	ted wire	to TIT pr	obe and		
nstalled p	, secured lacard for	r TIT pro	be sele	cted.	WILCII	on pilot instru	nent panel le	IT OT PFL	and rigr	it of mag	g switch.		
					alled SureFly Pa	rtners Ltd. Ele	ectronic	Ignition r	nodule.	Model			
		neto and ignition harness. Installed SureFly Partners Ltd. Electronic Ignition module, Model C-2722005 – IAW SE04378CH and AML dated 10/31/18; STC SA04378CH. Installed new											
		s to all lower spark plugs. Manifold Pressure reference is NOT installed. Powered through 10- ired to hot side of MCU battery lug. Fuse holder placed on inboard side of battery #1 support											
						upplement insta ht (top) @ 20.5			-	a installe	ea on		
A STATE OF THE PARTY OF THE PAR						wastegate cabl				gs.			
Removed	cowling.	Adjuste	ed MP a	nd RPM; re	einsta	lled cowling.					- 1		
Cleaned o	il off of t	he cowli	ing. Re	moved inn	er cyl	inder baffling to	check throug	gh-bolt t	orque. D	ropped	exhaust		
o torque	check. Di	isasseml	oled lef	t side of en	gine.	Torque checke	ed all through	-bolts; fo	ound satis	fuel no	zzlos		
nspected 1	turbos; n	o defect	s noted	I. Reassem	lled r	left side of engi ight exhaust, #1	ne. Ke-torqu and #3 cylind	ea #z, # Ier intak	e tubes.	fuel rail	and TKS		
uhe Ren	i wastega Iaced righ	nt suppo	rt rod v	vear sleeve	and	installed rod.	nstalled left si	de turb	o ducting	and exh	aust		
neat shield	ls. Install	led right	interco	oler after	repai	r. Washed dow	n engine.						
Relocated	engine g	round s	trap fro	m mixture	brac	ket to starter di	rive.						
Removed	old heat	shield o	n right	side; instal	led n	ew heat shield i	P/N ETI-G2-20	-21. Re	placed ho	se clam	ps with		
new.		<i>6</i>	- la ul + -	d daublar	incto	lled							
Removed	turbo wa	e tray; ta	nullev	ed doubler; bracket an	d cab	le; installed nev	v bracket P/N	22-560	0003 and	cable P/	/N 22-		
SECONO													
Removed	MCU cov	er re-to	rqued #	1 battery	and st	tarter jam nuts.	Installed riv	nuts in f	MCU for h	eat shie	ela		
***	4!4-	Had ans	~~										
Removed	#3 fuel in	ijector "	E"; clea	ned and in	stalle	ed; leak check go M, and idle mix	cture. Replace	ed #1-#3	inner cy	linder ba	affle		
/N 65576	Adjusted	nigh ar	ia iow i	uei now, ic	ile Kr	IVI, and late iiii							
Replaced 1	o. throttle r	od end I	P/N HF-	3M: secure	ed an	d cotter pinned							
Refer to Jo	b #4904.	.1 for de	tails.)			ERAL	44 ND 100	MAC DE	DAIRED	N			
HIS AIRCP	RAFT ENG	INE/PR	OPELLE	R COMBIN	ATIO	N WAS INSPEC	C ADDROVED	FOR RE	TURN TO	SERVICE	.		
CCORDA	NCE WITH	1 CURRE	NT REG	ULATION	OF	2700		TION R	ESOURCE	S, LLC			
M BARKE	R A&P/IA	A 27550	69	1%	K	- 2	Hang	ar (715)	822-578	7			
ell (715) 4	191-1303			W		WISTRI	TIO WWW	.aviatio	nvibes.co	om			
mail jim@	yaviation	ivibes.c	out										
		- Koliker of											
				+									
											7		

Date **Total Time** Engine Service and Maintenance Record **Time Since Last Overhaul** Installations, Inspections, Airworthiness Directives, Special Inspections, Hrs. Min. Hrs. Min. Modifications and Service Bulletins Brought I N4904 **ENGINE LOG BOOK ENTRY** 9/12/2022 Cirrus SR22 S/N 2924 **Flight** 203.1 Hobbs 2293.9 AVIATION RESOURCES _ Continental IO550N50 Flight 203.1 Hobbs 2293.9 S/N691495 101 Airport Ave, Hangar7 Cumberland, WI 54829 Hartzell PHC-J3Y1F-1N S/N NJ1892B Flight 203.1 Hobbs 2293.9 Removed cowling. Adjusted high RPM stop screw IN ½ turn. Shortened prop control rod end IN 3 turns; secured. Checked oil pressure; unable to adjust. Removed #6 cylinder "C" fuel injector and installed "A" fuel injector; removed #3 cylinder "E" fuel injector and installed "C" fuel injector. Adjusted aneroid high flow OUT ½ turn. Leak check found satisfactory. Installed cowling. (Refer to Job #4904.1 for details.) THIS AIRCRAFT ENGINE/PROPELLER COMBINATION WAS INSPECTED AND/OR WAS REPAIRED IN ACCORDANCE WITH CURRENT REGULATIONS OF THE FALL AND STAPPEROVED FOR RETURN TO SERVICE. **JIM BARKER A&P/IA 2755069** (2755069) (AVIATION RESOURCES, LLC Cell (715) 491-1303 Hangar (715) 822-5787 Email jim@aviationvibes.com www.aviationvibes.com ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N4904 Continental IO-55-N S/N: 691495 **Engine Log Entry** 11 August 2022 Flight Hobbs: 190.2 Hobbs: 2277.2 Changed engine oil and filter (Phillis X/C). Cut oil filter open and inspected, no contaminates noted. Sealed gaps in baffles as needed. Ground run up and leak check good. Chris Anderson A&P4153239 w/o 43555 TORES Cuatt OIL CHANGE - 7BTS PHULPS XC ZOW-50 2316.3 223.17 4 or CAM GUARA TEMPEST ANY 48/08-2 OIL FILTER CUT OIL FLEER - NO METAL OBECRUES SAMPLE SENT TO BLACK STONE

12.50				The Control of the Co	
			A	RAPAHOE AERO	1
1276	0 EAST C	ONTROL'	TOWER RO	OAD ENGLEWOOD, COLORADO 80112 (303) 799-8386	
N	4904	Continent	al IO	-550-N(46) S/N: 691495 Total Time: 0904.4	
28 July 2			bs: 0265.6	Hobbs Meter: 2366.7	ord
100 Hour	Inspection	n for Anni	ial complet	ed this date using the Cirrus SR22 Maintenance Manual	tions,
Inspection	Form and	the Tornac	lo Alley Tu	rbo, Inc, Scheduled Maintenance Check List as a guide	101,0,
Compress	ion test: #	1) 77/80, #	2) 78/80, #3	3) 74/80, #4) 77/80, #5) 78/80, #6) 78/80. Changed engine oil	
and filter	using (Phil	llips X/C 2	0W50) . Cut	t oil filter open and inspected, no contaminates noted	
Blackston	e oil sampl	le taken and	d submitted	. Cleaned, inspected, gapped, tested, and rotated spark plugs.	
Checked t	iming of le	ft and righ	magnetos	to engine. Inspected ignition harness and leads for condition	
and securi	tv. Leak ch	neck fuel sy	stem. Inspe	ected and lubricated throttle, mixture and propeller governor	
controls. I	Orilled out	one rivet in	aft baffle	seal retainer plate and replaced with screw and nut. Fabricated	
new aft ba	ffle suppor	rt bracket, i	nstalled at	right crankcase and replaced right washer on aft through bolt.	
Removed.	cleaned le	ft wastegat	e dump tub	e, applied anti-seize and reinstalled. Installed left and right	ı
wastegate	support bo	lts. Wrapp	ed inflision	tape on #2 alternator field wire to prevent chafing by air	
conditioni	ng hoses (Complied v	rith TATI	SI 08-01 (Tailpipe Crankcase Breather Discharge Tube) by	
olooning o	rankcase h	reather dis	charge tube	coking deposits as outlined in Service Instruction. Next	
nearing C	due Fliat	t Hobbs	215 6 an ma	coking deposits as outlined in Service Instruction. Next	
Inspection	due riigi	it Hobbs:	315.0 or ne	ext oil change. Complied with TATI SI 08-04 (Exhaust Heat	
Exchange	r) by press	sure test of	lett and rigi	ht heat exchangers as outlined in Service Instruction, no defects	
noted. Ne	kt inspecti	on due Fli	ght Hobbs:	365.6. Complied with TATI SI 08-05 (Induction Air Filter)	
by inspect	ing and sei	rvicing ind	uction air fi	lter per Service Instruction. Next air filter inspection and	
servicing	due Flight	t Hobbs: 3	65.6. Comp	olied with TATI SB 09-01 (Exhaust Manifold Cracks) by	
nspecting	exhaust m	anifolds fo	r cracks arc	ound turbocharger mounting flanges, no defects noted. Next	
nspection	ı due Fligl	nt Hobbs:	315.6 or ne	ext oil change. Complied with TATI SB 10-01 (Alternate Air	
Door Hin	ge Pin) by	inspecting	hinge pin e	ends on alternate air door for cracks, loose rivets and/or missing	
in retenti	on method	s, no defec	ts noted. No	ext inspection due July 2024. Complied with TATI SI 11-01	
Exhaust	Slip Joint	Inspection) by inspec	eting exhaust system slip joints per instruction for indications of	
oinding, d	istortion of	r damage fi	om excessi	ve temperatures. Removed left exhaust dump tube. cleaned and	-
reassembl	ed. Next in	spection o	lue July 20	24 or V-band clamp replacement. Complied with TATI SI 11-	
03 (Turbe	ocharger S	Support In	spection) by	y inspecting turbocharger and waste gate support assembly rods,	
no defects	noted. Ne	xt inspecti	on due July	y 2024 or V-band clamp replacement. Complied with TATI	
SB 11-04	(Turboch:	arger Oil S	Supply Inle	t Screen) by cleaning left and right turbocharger oil inlet screen	
of foreign	material a	s per Servi	ce Bulletin.	Next inspection due July 2024. Complied with TAT SI 12-02	
				he fuel pump mixture control shaft for fuel leakage per Service	
				ion due next oil change or Flight Hobbs: 315.6. CAT AD	
				N/A by maintenance history. No SAP cylinders of valves	
installed o	luring effec	ctive dates.	CAT AD 2	2023-04-08 (Crankshaft Counterweight Security) N/A by	
				ory. CAT AD 2023-09-09 (V-Band Clamps) due by Flight	
				ne. AD's checked through Biweekly 2023-15. Post inspection	
				nd leak check good. I CERTIFY THAT THIS ENGINE HAS	
				E WITH A 100 HOUR INSPECTION AND WAS	
				RTHY CONDITION.	
1	2. 11			L. John Wells A&P 3221132 w/o 44403	
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AD's checked through Biweekly 2023-15. Post inspection ap, operational check and leak check good. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. L. John Wells A&P 3221132 w/o 44403 Engine page 1 of 1 wo: WO 489 Steel Aviation · 53 North Street Ext · Phillipsburg, Ohio 45354 · 937 332 7587 May 01, 2024 Continental, IO-550-N, S/N: 691495 TACH: 283.7 N4904 TSO: 1003.0 HOBBS: 2388.2 IO-550-N, ENGINE PN: IO-550-N, SN: 691495, 1. Drained oil and took oil sample. 2. Removed oil filter and cut open. No defects noted at this time. 3. Installed new oil filter and serviced. Installed P/N AA48108-2 - Oil Filter, Installed (8) P/N Phillips X/C 20W50 With respect to the work performed, this Engine is approved for return to service. Details of work performed are or file with Steel Aviation under work order: WO_489. Jeff Pleiman A/P I/A 3304319