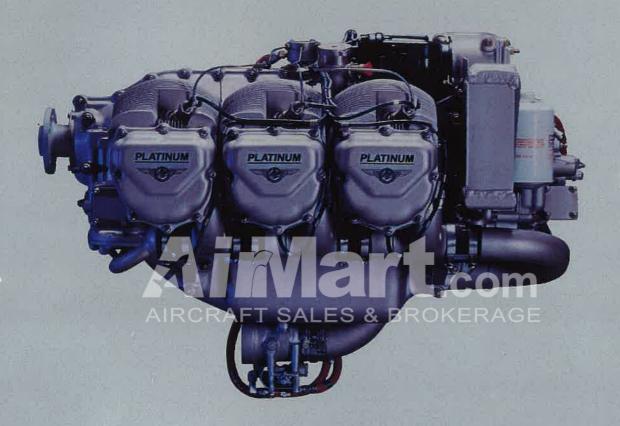
# PLATINUM ENGINE LOG BOOK





CONTINENTAL MOTORS

# PLATINUM ENGINE LOG BOOK



## **CONTINENTAL MOTORS**

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



Teledyne Continental Motors, Inc.

A Teledyne Technologies Company

Printed: 07/20/2005

This engine model 19550N27

, Serial No. 917812 was manufactured on 07/20/2005

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

TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY PRODUCTION CERTIFICATE NO. 508

### Service Information

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

#### **Engine Returns**

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

> Teledyne Continental Motors Abbeville Industrial Park Suite 159 Abbeville, AL 36310

Date	Tota	l Time	1	Since Verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,			
Ĩ.A.	Hrs.	Arworthiness Directives, Special Inspections Bulletins						
ENGINE REG. NO WORK ( 4519-08	PRDER 2005	12	Re 45 Du Ph	pair Station No 15 Taylor Circl luth, MN 5581 one 218- 788-	le 1 3-3101	DATE: 8/28/2005 A/C TSN: ENG TT HOBBS: 23:3  Dut apart old filter, inspected old filter and ak checks good. All work was accomplished		
I have re-	viewed the file	on this aircra	aft and the acc		screpancy forms. The aircraft, airframe, air	rcraft engine, propeller, or appliance identified is approved for return to service. Pertinent		
	3/28/2005	SIG	SNED: 8	caes S	s full-	Work Order: 4519-08-2005 Printed by EBis 3 (datcomedia.com)		
BR		Octobe Change service fuel str	er 14, 20 ed oil & ed with	Trus SR 2005 H Aeroshe All leak	M AIRCRAFT INC. ROME, GA 30165  -22 s/n 1568 obbs 50.0  Inspected filter for meta ell W100 Plus oil. Clean checks good.	al. Engine ned and inspected		

D	ate	Total	Time	1	Since verhaul	Engine Service and Maintenance Record		
		Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins		
Brought	Forward					L&M AIRCRAFT INC.		0
						ROME, GA 30165		
			_		NT#11TT	7. Cim. of SD 22. / 1560		
			-			Z Cirrus SR-22 s/n 1568 er 23, 2005 Hobbs 100.6		
				3				-
						d oil & filter. Inspected filter for metal. Engine with Aeroshell W100 oil. Installed E-Z 540 oil sump	1	1
			<u> </u>			Cleaned fuel nozzles. Installed new intake gasket on	3	
			====	7	44 cylin	der. Differential compression check at 80 lbs: #1-74,	,	
				7	72-74, # strainer.	3-74, #4-72, #5-76, #6-73. Cleaned and inspected fuel All run checks and leak checks good.		
						0111000		
						T. Bone 5653270		
				1	101 23	2003210		
								-
	•							-
-	,	1.	OGBOOK E	ENTRY	50			
=	CO	MMONWEA		TION SERVIC	E, INC			Y
		7 7						
		d/b/a MI	LLION AIR	- RICHMONE	)			2 2
	ANUFACTURER lodel:	TCM 10-550-N2	7	Date	2/9/20			
	/N: eg #:	917812 N411HZ		W.O.: ACTT:	M060 123.8			
				TTE:	123.8			
		ENGIN	NE LOGBO	OK INSERT				_
	he aircraft and/or						Λ	
fo	r return to servic	e. Pertinen	t details of t	the repair are	on file at this	gency.		
_ In	stalled Airwolf A ev B, dated 06-0	ir Oil Separa 01-05 and Fa	ator Kit I/A/\ AA Form 8°	W installation 110-3 dated 1	drawing AFC- 2-10-2004.	N347		
	(.1	lift (tínas	AD77	e9878@5	TA .	<del></del>		
Si	Print:	John	T. Gard		=^	i <del>s the same of th</del>		
			for	TION SERVIC	E, INC.			
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	Date Total Time Time Since Last Overhaul Installations Ins		Engine Service and Maintenance Record		
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward		-			L&M AIRCRAFT INC. ROME, GA 30165
				N411	HZ Cirrus SR-22 s/n 1568
		1		Decen	mber 23, 2005 Hobbs 148.3
			¥	comic	Changed oil & filter. Inspected filter for metal. Engine
				Mitch	ed with Aeroshell W100 oil. Run and leak checks good. ell T. Bone A&P 255653270
				14111011	
					Illhere
					t Aero Services, Inc. 800-692-2091 RUS SR22 SN# 1568 N411HZ
DATESEPT 2  TCM IO-550N			PO	WER PI	<b>LANT</b> Total Time: 244.2 917812
1. Completed	l an Anr	nual Insp	ection in		nce with Cirrus SR22 Maintenance Manual Chapters 5-10, 5-20 & 5-
30 and ma	nufactu	rer's inst	ructions.		
<ul><li>2. Performed</li><li>3. Drained er</li></ul>	compre	ession ch I. Remov	reck:.(1) red and in	/2 ( nspected	2) 71 (3) 73 (4) 70 (5)72 (6) 71 oil filter with no defects found. Installed new oil filter CH48109 and
saftyed. Se	erviced of	engine to	capacity	with.8 (	QTS AEROSHELL W-100 PLUS
<ul><li>4. Customer</li><li>5. Repaired r</li></ul>				and sen	t off
		III DAILIE			
6. R7R alt air	r bracke	t with ne	w		
- 7. R&R engin	ne exhau	ust spring	gs with n		sted per service manual
7. R&R enging 8. Repaired #	ne exhau 4 collec	ust spring ctor pipe	gs with n and rein	stalled	
7. R&R engined # 9. Complete	ne exhau 4 collect d fuel sy	ust spring ctor pipe ystem set	gs with n and rein tup proce	stalled dures in	accordance TCM SID 97-3C.
7. R&R engined # 8. Repaired # 9Completed 10. See AD co	ne exhau 4 collect d fuel sy empliance	ust spring ctor pipe ystem set ce list for	gs with n and rein tup proce r addition	stalled dures in al details	accordance TCM SID 97-3C.
7. R&R engines 4 8. Repaired # 9. Complete 10. See AD co 11. Engine wa	ne exhau 4 collect d fuel sy empliance shed an	ust spring ctor pipe ystem set ce list for d ground	gs with n and rein tup proce r addition I run. Op	stalled dures in nal details erational	accordance TCM SID 97-3C. s. checks completed with no defects noted.
7. R&R engines 8. Repaired # 9. Complete 10. See AD co 11. Engine was I ha	ne exhau 4 collect d fuel sy empliance shed and	ust spring ctor pipe ystem set ce list for d ground	gs with n and rein tup proce r addition I run. Op	stalled dures in nal details erational	accordance TCM SID 97-3C. s. checks completed with no defects noted. aft and the accompanying discrepancy forms. The aircraft,
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Date	Date Total Time			Since verhaul	Engine Service and Maintenance Record			
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins			
rought Forward		→						
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				Sout	heast Aero Services, Inc. 800-692-2091			
					CIRRUS SR22 SN# 1568 N411HZ			
- DATE	. 05 000							
DATE sep  Hartzell	t 25 200	16			PROP Total Time: 244.2			
1. Comp.	leted an	Annual	Inspection instruction	on in acco	ordance with Cirrus SR22 Maintenance Manual Chapters 5-10, 5-20 & 5-		16	
2. Lubric	cated pro	peller h	ub per H		aintenance instructions.			
		s as requ		ime See	AD compliance list for additional details.			
	I have	reviewe	d the file	on this a	ircraft and the accompanying discrepancy forms. The aircraft,			
airframe, c	aircraft	engine,	propelle.	r, or appl	liance identified was repaired/inspected in accordance with the airworthy, and is approved for return to service this date and time.			
Pertinent a	tetails o	f repairs	s on file	n, jounu with Sout	th East Aero w/o #13553			
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			41.1117		L&M AIRCRAFT INC. ROME, GA 30165			
					SR-22 S/N 1568 December 8, 2006 Hobbs 310.1			
		C	hanged (	oil & filt	SR-22 S/N 1568 December 8, 2006 Hobbs 310.1 per. Inspected filter for metal. Engine serviced with Aeroshell W100			
		- C	hanged o	oil & filt	SR-22 S/N 1568 December 8, 2006 Hobbs 310.1 per. Inspected filter for metal. Engine serviced with Aeroshell W100 d and cleaned fuel nozzles. Run and leak checks good.			
		- C	hanged o	oil & filt	SR-22 S/N 1568 December 8, 2006 Hobbs 310.1 per. Inspected filter for metal. Engine serviced with Aeroshell W100			
		- C	hanged o	oil & filt	SR-22 S/N 1568 December 8, 2006 Hobbs 310.1 per. Inspected filter for metal. Engine serviced with Aeroshell W100 d and cleaned fuel nozzles. Run and leak checks good.			
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		C PI M	hanged (lus oil. ] litchell ]	oil & filt inspected. T. Bone	SR-22 S/N 1568 December 8, 2006 Hobbs 310.1  ter. Inspected filter for metal. Engine serviced with Aeroshell W100 d and cleaned fuel nozzles. Run and leak checks good.  A&P 255653270  LOGBOOK ENTRY			
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	NONWEALT	C P) — M — M — M — M — M — M — M — M — M — M	hanged dus oil. I	oil & filt inspected. T. Bone	SR-22 S/N 1568 December 8, 2006 Hobbs 310.1  ter. Inspected filter for metal. Engine serviced with Aeroshell W100 d and cleaned fuel nozzles. Run and leak checks good.  A&P 255653270  LOGBOOK ENTRY			
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MANUFACTURER TO Model: 10	d/b/a MILLIC	C P! M	hanged dus oil. I	oil & filt inspected. T. Bone	SR-22 S/N 1568 December 8, 2006 Hobbs 310.1  eer. Inspected filter for metal. Engine serviced with Aeroshell W100  d and cleaned fuel nozzles. Run and leak checks good.  A&P 255653270  LOGBOOK ENTRY  COMMONWEALTH AVIATION SERVICE, INC  ###################################			
MANUFACTURER TO Model: IO S/N: 917	d/b/a MILLIC	C P! M	hanged dus oil. I litchell T	oil & filt inspected. Bone	SR-22 S/N 1568 December 8, 2006 Hobbs 310.1  ter. Inspected filter for metal. Engine serviced with Aeroshell W100 d and cleaned fuel nozzles. Run and leak checks good.  A&P 255653270  LOGBOOK ENTRY COMMONWEALTH AVIATION SERVICE, INC  ### ### ### ### ### ### ### ### ### #			
MANUFACTURER TO Model: 10 S/N: 917	d/b/a MILLICO CM 550N 27 7812	C P! M	hanged dus oil. ] [itchell ]  Y SERVICE, INC	oil & filt inspected. Bone	SR-22 S/N 1568 December 8, 2006 Hobbs 310.1  ter. Inspected filter for metal. Engine serviced with Aeroshell W100 d and cleaned fuel nozzles. Run and leak checks good.  A&P 255653270  LOGBOOK ENTRY  COMMONWEALTH AVIATION SERVICE, INC  MANUFACTURER CITIUS  Model: SR22 Date 7/17/2007  S/N: 1568 W.O.: M070723			
MANUFACTURER TO Model: 10 S/N: 911 Reg #: N4	donwealth d/b/a Millico cM 550N 27 7812 11HZ	BOOK ENTRA AVIATION NAIR - RICH	hanged dus oil. I litchell The service, INC.  Pate W.O.: ACTT: Landings:	2/8/2007 M070215 350.7	SR-22 S/N 1568 December 8, 2006 Hobbs 310.1  ter. Inspected filter for metal. Engine serviced with Aeroshell W100 d and cleaned fuel nozzles. Run and leak checks good.  A&P 255653270  LOGBOOK ENTRY  COMMONWEALTH AVIATION SERVICE, INC  MANUFACTURER CITIUS  Model: SR22 Date 7/17/2007  S/N: 1568 W.O.: M070723			
MANUFACTURER TO Model: IO S/N: 917 Reg #: N4	d/b/a MILLIC d/b/a MILLIC CM 550N 27 7812 11HZ ENGINE Lu	C P! M SOOK ENTRY AVIATION N AIR - RICH	hanged dus oil. I litchell The service, INC.  ACTT: Landings: SERT  as repaired and was forms and was forms.	2/8/2007 M070215 350.7	SR-22 S/N 1568 December 8, 2006 Hobbs 310.1  ter. Inspected filter for metal. Engine serviced with Aeroshell W100 dand cleaned fuel nozzles. Run and leak checks good.  A&P 255653270  LOGBOOK ENTRY COMMONWEALTH AVIATION SERVICE, INC  MANUFACTURER Cirrus Model: SR22 Date 7/17/2007 S/N: 1568 W.O.: M070723 Reg #: N411HZ TTE: 458.2 Hobbs  ENGINE LOGBOOK INSERT  The aircraft and/or component identified above was repaired and inspected in			
MANUFACTURER TO Model: IO S/N: 917. Reg #: N4	d/b/a MILLIC d/b/a MILLIC M 5550N 27 7812 11HZ ENGINE Language identification in Federal Aviertinent detail	BOOK ENTRA AVIATION  NAIR - RICI  DGBOOK IN.  fied above watton Regulation Regulation of the repair	Hanged of lus oil. It chell The service, INC.  HMOND  Date W.O.: ACTT: Landings: SERT  as repaired and was fir are on file at it.	2/8/2007 M070215 350.7	SR-22 S/N 1568 December 8, 2006 Hobbs 310.1  ter. Inspected filter for metal. Engine serviced with Aeroshell W100 dand cleaned fuel nozzles. Run and leak checks good.  A&P 255653270  LOGBOOK ENTRY COMMONWEALTH AVIATION SERVICE, INC  MANUFACTURER CITIUS Model: SR22 Date 7/17/2007 S/N: 1568 W.O.: M070723 Reg#: N411HZ TTE: 458.2 Hobbs  ENGINE LOGBOOK INSERT			
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MANUFACTURER TO Model: IO S/N: 917. Reg #: N4  The aircraft and/or com accordance with curren for return to service. Polyagand captured a SOAP a oil filter. Cut open oil filter. Cut open oil filter.	d/b/a MILLIC cM 550N 27 7812 11HZ ENGINE Le ponent ident of Foderal Aviertinent detail g temperature sample with c	C P M  BOOK ENTR H AVIATION  DGBOOK IN:  fied above w. atton Regulation Regulation of the repair  Removed a ustomer supported element	hanged dus oil. ]  Y SERVICE, INC.  HMOND  Date W.O.: ACTT: Landings: SERT  as repaired and ions and was for are on file at incoming the policy of the polic	2/8/2007 M070215 350.7  Inspected in bund airworthy this agency.  Drained oil Removed old aterial noted,	SR-22 S/N 1568 December 8, 2006 Hobbs 310.1  ter. Inspected filter for metal. Engine serviced with Aeroshell W100 and cleaned fuel nozzles. Run and leak checks good.  A&P 255653270  LOGBOOK ENTRY COMMONWEALTH AVIATION SERVICE, INC  MANUFACTURER CITUS Model: SR22 Date 7/17/2007 S/N: 1568 W.O.: M070723 Reg #: N411HZ TTE: 458.2 Hobbs  ENGINE LOGBOOK INSERT  The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.  Ran engine to operating temperature. Removed engine cowling. Drained oil			
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MANUFACTURER TO Model: IO S/N: 917. Reg #: N4  The aircraft and/or com accordance with current for return to service. Provide and captured a SOAP oil filler. Cut open oil fill Installed a oil quick drain the service of the service of the service oil filler.	d/b/a MILLIC d/b/a MILLIC d/	C PI M M M M M M M M M M M M M M M M M M	hanged of lus oil. I litchell The litchell The lus oil. I litchell The lus of lus oil litchell The lus oil lus	2/8/2007 M070215 350.7  Inspected in bund airworthy his agency.  Drained oil Removed old aterial noted. 18108-1. rmed engine	SR-22 S/N 1568 December 8, 2006 Hobbs 310.1  ter. Inspected filter for metal. Engine serviced with Aeroshell W100 d and cleaned fuel nozzles. Run and leak checks good.  A&P 255653270  LOGBOOK ENTRY  COMMONWEALTH AVIATION SERVICE, INC  WANUFACTURER Cirrus  Model: SR22 Date 7/17/2007  S/N: 1568 W.O.: M070723  Reg #: N411HZ TTE: 458.2 Hobbs  ENGINE LOGBOOK INSERT  The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.  Ran engine to operating temperature. Removed engine cowling. Drained oil and captured a SOAP sample. Removed oil filter and cut open. Inspected filter element - No metallic particles noted. Installed new oil filter P/N C148108-1 and serviced the engine with 8 quarts of Aspelled 15W500 oil. Ran engine.			
MANUFACTURER TO Model: IO S/N: 917 Reg #: N4  The aircraft and/or comaccordance with current for return to service. Provided the control of t	d/b/a MILLIC d/b/a MILLIC d/	C PI M M M M M M M M M M M M M M M M M M	hanged of lus oil. I litchell The litchell The lus oil. I litchell The lus of lus oil litchell The lus oil lus	2/8/2007 M070215 350.7  Inspected in bund airworthy his agency.  Drained oil Removed old aterial noted. 18108-1. rmed engine	SR-22 S/N 1568 December 8, 2006 Hobbs 310.1  ter. Inspected filter for metal. Engine serviced with Aeroshell W100 and cleaned fuel nozzles. Run and leak checks good.  A&P 255653270  LOGBOOK ENTRY COMMONWEALTH AVIATION SERVICE, INC  MANUFACTURER CITRUS Model: SR22 Date 7/17/2007 S/N: 1568 W.O: M070723 Reg #: N411HZ TTE: 458.2 Hobbs  ENGINE LOGBOOK INSERT  The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.  Ran engine to operating temperature. Removed oil filter and cut open. Inspected filter element - No metallic particles noted. Installed new oil filter Priv CH40108-1			
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MANUFACTURERTO Model: IO S/N: 91: Reg #: N4  The aircraft and/or com accordance with curren for return to service. Pr  Ran engine to operating and captured a SOAP a oil filter. Cut open oil filter. Serviced the engine with operation to inspect for cowling. All work perfor	d/b/a MILLIC d/b/a MILLIC d/	BOOK ENTR AVIATION  BOOK ENTR AVIATION  NAIR - RICI  Removed a ustomer sup- cited element and a new or Aeroshell 15 and leak chee  Cirrus SR22	hanged of lus oil. I litchell The litchell The lus oil. I litchell The lus of lus oil litchell The lus oil lus	2/8/2007 M070215 350.7  Inspected in bund airworthy his agency.  Drained oil Removed old aterial noted. 18108-1. rmed engine	SR-22 S/N 1568 December 8, 2006 Hobbs 310.1  ter. Inspected filter for metal. Engine serviced with Aeroshell W100 d and cleaned fuel nozzles. Run and leak checks good.  A&P 255653270  LOGBOOK ENTRY COMMONWEALTH AVIATION SERVICE, INC  WANUFACTURER CITRUS Model: SR22 Date 7/17/2007 S/N: 1568 W.O.: M070723 Reg #: N411HZ TTE: 458.2 Hobbs  ENGINE LOGBOOK INSERT  The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.  Ran engine to operating temperature. Removed engine cowling. Drained oil and captured a SOAP sample, Removed oil filter and cut open. Inspected filter element - No metallic particles noted. Installed new oil filter PN CH48108-1 and serviced the engine with 8 quarts of Aeroshell 15W50 oil. Ran engine.  OP's and leak checks good. Recovered engine.			
MANUFACTURER TO Model: IO S/N: 917 Reg #: N4  The aircraft and/or comaccordance with current for return to service. Politically and captured a SOAP soil filter. Cut open oil fill Installed a oil quick drait Serviced the engine with operation to inspect for cowling. All work performance of the service of t	d/b/a MILLIC  M 550N 27 7812 11HZ  ENGINE Li  poponent ident at Federal Avi ertinent detai g temperature sample with c lor and inspec	BOOK ENTR AVIATION  BOOK ENTR AVIATION  NAIR - RICI  Removed a ustomer sup- cited element and a new or Aeroshell 15 and leak chee  Cirrus SR22	hanged of lus oil. I litchell The litchell The lus oil. I litchell The lus of lus oil litchell The lus oil lus	2/8/2007 M070215 350.7  Inspected in bund airworthy his agency.  Drained oil Removed old aterial noted. 18108-1. rmed engine	SR-22 S/N 1568 December 8, 2006 Hobbs 310.1  ter. Inspected filter for metal. Engine serviced with Aeroshell W100 and cleaned fuel nozzles. Run and leak checks good.  A&P 255653270  LOGBOOK ENTRY COMMONWEALTH AVIATION SERVICE, INC  WANUFACTURER CITRUS Model: SR22 Date 7/17/2007 S/N: 1568 W.O.: M070723 Reg #: N411HZ TTE: 458.2 Hobbs  ENGINE LOGBOOK INSERT  The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service. Pertinent details of the repair are on file at this agency.  Ran engine to operating temperature. Removed engine cowling. Drained oil and captured a SOAP sample. Removed oil filter and cut open. Inspected filter element. No metalic particles noted. Installed new oil filter PN CH48108-11 and serviced the engine with 8 quarts of Aeroshell 15W50 oil. Ran engine.  OP's and leak checks good. Recovered engine.			

Date	Tota	l Time	Jan.	Since Overhaul	Engine Service and Maintenance Reco			
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspection Modifications and Service Bulletins			
rought Forward		<b>→</b>			Sand Solvice Bulletins			
		,	Τ ρ.	MAIDO	TO A PUR DAG TO A STATE OF THE			
N4	I IHZ (	Cirrus S	R-22 S	M AIRC 5/N 1568	ERAFT INC. ROME, GA 30165			
Cor	ntinenta	l IO-550	)-N-27	S/N 917	812 September 6 2007 II II 5014			
1 01	COLLING	200 111	viagnei	Olnsnec	tion Replaced contact 11 1 1 1			
	and the T	Gab III	T 24 23 13 13 13 1	NUMPING	A ICO nontonno a d COO II I			
	5 7110	39 A2-	.041 A	.3039	X4041". Engine run and leak checks good.			
Mit	chell To	odd Bon	e A&P	255653	270			
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СОММ		OOK ENTRY AVIATION SEI	BVICE INC	R n	LOGBOOK ENTRY			
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MANUFACTURER TCM Model: 10-5	I 50-N (27)	D-		400007	MANUFACTUREFTCM Reg #: N411HZ			
S/N: 9178	12	Dar W.		/19/2007 1070427	Model: IO-550-N(27) Date 9/24/2007 S/N: 917812 W.O.: M070928			
Reg #: N41	IHZ			03.9 03.9	ACTT: 506.5 TTE: 506.5			
	Thomas			00.0				
	ENGINE LOG	BOOK INSER	RT .		ENGINE LOGBOOK INSERT			
The aircraft and/or comp accordance with current	"ederal Aviatio	on Regulations	and was face	All Carlotting	The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy			
for return to service. Per	inent details o	of the repair are	on file at this	agency.	for return to service. Pertinent details of the repair are on file at this agency.			
Ran engine to operating t and removed oil filter. Ins	emperature. F	Removed engir	ne cowling. D	rained oil	The Teledyne Continental (O-550-N (27) S/N:917812 engine was inspected			
contamination noted. Ins engine with 8 quarts of A	alled new oil f	Her P/N CH48	108 1 and an	and the least later	hour inspection using the Cirrus Design SR22 current inspection guide and in			
checks good. Installed er	gine cowling.	o oii. Harleng	me Ursan	d leak	approved for return to service. The following items were serviced, repaired and/or inspected as noted.			
Captured a SOAP sample	using Analys	is Kit P/N: 115	at <sub>⊕</sub>		Complied with engine cylinder compression check, Results as follows:			
2.0mm	iunundi	nan			#1 72/80 #2 - 70/80			
1					# 3 - 72/80			
		dar	-		# 4 - 70/80 # 5 - 76/80			
Certificate #APZ	2698756°				# 6 - 76/80			
COMMON	VEALTH AVI	ATION SERVI	ICE, INC.		Ran engine to operating temperature. Removed engine cowling. Drained oil			
			-		and removed old oil filter. Cut open oil filter and inspected element. No metallic contamination noted. Installed a new oil filter P/N CH48408.1			
					Serviced the engine with 8 quarts of Aeroshell 15W50 oil. Ran engine. Installed engine cowling. OP's and leak checks good.			
					Removed fuel injectors from all cylinders. Cleaned and inspected all injectors.  Reinstalled injectors with new gaskets, washers and o-rings I/A/W TCM			
					Engine Manual.			
					Signed:			
		11 (1)			Print John T. Garden			
					Certificate # AP276987865 TA			
					for			
					Certificate #			
					for			

Date	Tota	Total Time		Since verhaul	Engine Service and Maintenance	
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Speci Modifications and Service Bulletins	al Inspections,
	Sign Control of the C	oil & filts oil. R R. Kosse	SR-22 S ter. Inspo un and l	S/N 1568 ected filt	CRAFT INC. ROME, GA 30165  B March 6, 2008 Hobbs 541.5  ter for metal. Engine serviced with 7 qts Aeroshell eks good.	
DLK	LOG ID: N411HZ HOBBS	# 10674 ! S/N 1	15-July-2	esaw, GA 2008 WO	30144 770-427-4954 D# 8384 SR22	Pg 1 / 1
MAINTENANCE THIS AIRCRA IN ACCORDA IN ACCORDA IN TO S THE REPAIR	E RELEASE. AFT, AIRFR NCE WITH C SERVICE FO ARE ON FI  ARE ON FI  ARE ON FI  CONTROL ARE ON FI  ARE	RAME, AJURRENT DER WORK CLE AT JUR DLK AT JUR DLK AT JUR DLK AT JUR DER SIN 15 686.1	ERCRAFT MAINTEN PERFORM PHIS REP AVIATION E Kennes	ENGINE, ANCE RUI ED UNDEF AIR STAT , INC.	30144 770-427 4954	DDOVED FOR
LUGS. SERVERKS NOTED. HECKED AT 2 8/80. SET F AS BEEN INS ONDITION. AINTENANCE HIS AIRCRAF	LOG FOR ED AND REP /ICED WITH INSPECTE 2 DEGREES 2 UEL PRESS PECTED IN RELEASE. T, AIRFRAI E WITH CUI RVICE FOR RE ON FILI	AD'S CO LACED OF AEROSH D EXHAU . PERFO URES IN ACCORD ME, AIR RRENT M. WORK P. E AT TH.	IELL 50/: IST SYSTI RMED CON ACCORDA ANCE WIT CRAFT EN	100W OIL EM. CLEA MPRESSIO ANCE WIT FH A/AN NGINE, O ICE RULE D UNDER T R STATIO	RING THIS ANNUAL. REPLACED ENGINE INLET FILTER. DEMETAL NOTED. OIL SAMPLE TAKEN. CLEANED AND GAPPED. WASHED ENGINE, RAN ENGINE - ALL CHECKS NORMAL. NED FUEL INJECTORS. CHECKED TIMING OF MAGNETOS - N CHECK: #1 70/80 #2 70/80 #3 70/80 #4 72/80 #5 6 H SID 97-3D. I CERTIFY THAT THIS AIRCRAFT AND/OR ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORT R APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INS S OF THE FEDERAL AVIATION REGULATIONS AND IS APPR WO#8447 AT REPAIR STATION DK7R795J. PERTINENT DETON.	D SPARK

	Date	Total			verhaul	Engine Service and Maintenance Record
		Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
3	Brought Forward		<b>→</b>			and delivery building

#### L&M AIRCRAFT INC. ROME, GA 30165

N411HZ Continental IO-550-N27B s/n 917812 September 4, 2009 Hobbs 628.2 Total Time 628.8 Differential compression check #1-69, #2-60, #3-70, #4-64, #5-66, #6-68. Changed oil and filter. Inspected filter. Serviced with Aeroshell W100 Plus oil. Installed new BA24 induction air filter element. Installed new TCM EQ7478 Tuned fuel injection nozzle kit. Checked per TCM SID 93-3D. Run checks and leak checks good. I certify that this engine has been inspected IAW an annual inspection and was determined to be in an airworthy condition.

Larry A. Owen A&P 2050165 IA

#### L&M AIRCRAFT INC. ROME, GA 30165

N411HZ Continental IO-550-N27B s/n 917812 October 15, 2010 Hobbs 685.7 Total Time 685.7 Differential compression check #1-69, #2-71, #3-62, #4-68, #5-71, #6-70. Changed oil and filter. Inspected filter. Serviced with Aeroshell W100 Plus oil. Installed new BA24 induction air filter element. Checked per TCM SID 93-3D. Run checks and leak checks good. I certify that this engine has been inspected IAW an annual inspection and was determined to be in an airworthy condition.

Larry A. Owen A&P 2050165 IA

Janes a. Owen

#### L&M AIRCRAFT INC. ROME, GA 30165

N411HZ Continental IO-550-N27B s/n 917812 November 8, 2011 Hobbs 713.1 Total Time 713.1 Differential compression check #1-66, #2-66, #3-68, #4-64, #5-64, #6-64. Changed oil and filter. Inspected filter. Serviced with Aeroshell W100 Plus oil. Installed new BA24 induction air filter element. Installed three new spark plugs. Run checks and leak checks good. This engine has been inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Alton P. Owen A&P 2922063 IA

### L&M AIRCRAFT INC. ROME, GA 30165

N411HZ Continental IO-550-N27B s/n 917812 December 1, 2017 Hobbs 713.1 Total Time 713.1 Differential compression check #1-64, #2-61, #3-66, #4-64, #5-60, #6-62. Engine boroscope inspected. Changed oil and filter. Inspected filter. Serviced with Aeroshell W100 Plus oil. Installed new BA24 induction air filter element. Run checks and leak checks good. This engine has been inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service.

Larry A. Owen

A&P 2050165 IA

Laney a. Owen

DLK
AVIATION, INC

2601 Cessna Lane NW Kennesaw, GA 30144 770-427-4954 LOG ID# 19694 05-April-2018 WO# 18121 N411HZ S/N 1568 CIRRUS SR22 **HOBBS 713.4** 

Pg 1/

4.7			

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

INSPECTED, CLEANED, AND RECONNECTED MANIFOLD PRESSURE HARNESS. OPS CHECK OK.

MAINTENANCE KELEASE.
THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#18121 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed DK7R795J FOR DLK AVIATION, INC.

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

LOG ID# 20143 24-September-2018 WO# 18437

CIRRUS SR22 N411HZ S/N 1568

Pg 1 / 1

**HOBBS 724.3 TTENG 724.3** 

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

SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. NO AD'S DUE THIS ANNUAL. ADJUSTED ENGINE RPM TO 2670 RPM. INSTALLED NEW RHB32E SPARK PLUG IN #1 CYLINDER. REPAIRED HOLE IN ENGINE BAFFLE @ #5 CYLINDER. DRAINED OIL. CHECKED AND REPLACED OIL FILTER-NO METAL NOTED. CLEANED AND GAPPED SPARK PLUGS. SERVICED WITH AEROSHELL 50/100W/PLUS OIL. WASHED ENGINE, RAN ENGINE-ALL CHECKS NORMAL. NO OIL LEAKS NOTED. INSPECTED EXHAUST SYSTEM. CHECKED TIMING OF MAGNETOS. RETORQUED R/H MAGNETO. REPLACED ENGINE INLET FILTER. PERFORMED COMPRESSION CHECK: #1 72/80 #2 69/80 #3 72/80 #468/80#5 62/80 #6 72/80. MASTER ORIFICE-42. I CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION

MAINTENANCE RELEASE. THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#18437 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.

Signed DK7R795J FOR DLK AVIATION, INC.

Date: 1/25/2019; Aircraft: N411HZ, Type: SR22, S/N: 1568, TACH: 808.1, HOBBS: 379.5

OIL CHANGE: PERFORMED ENGINE RUN-UP. CHANGED ENGINE OIL AND FILTER. INSTALLED NEW FILTER P/N CH48108-1 AND SERVICED ENGINE WITH 7 QUARTS PHILLIPS X/C 20W50. CUT OPEN AND INSPECTED OLD FILTER. NO DISCREPANCIES NOTED. PERFORMED ENGINE RUN-UP AND LEAK CHECK. CHECK SATISFACTORY.

I CERTIFY THAT AS FAR AS THE WORK PERFORMED THIS AIRCRAFT IS APPROVED FOR RETURN TO SERVICE AND FOUND TO BE IN AIRWORTHY CONDITION.

DETAILS ARE ON FILE AT THIS LOCATION WO# SVC19-05614

FOR CRS# PZ4R458M

AARON J. ANDREWS

CLARK REGIONAL AIRPORT (KJVY) SELLERSBURG, INDIANA 800-356-3723

ENGINE MODEL ENGINE S/N: REG. NO: N411HZ 0266-12-2018

Rex Air Maintenance Center

304 Citation Point Naples, FI 34104 Phone: 239 649 8822 DATE: 12/12/2018 ENG TT: 779.5 HOBBS: 779.5

Engine Entries

DATE: 12/12/2018

Inspected engine compressions, spark plugs and fuel injectors. Found #5 cylinder plug damaged. Also other plugs worn. Installed 8 new RHB32E spark plugs. Cleaned and tested remaining plugs and reinstalled.... Removed #5 exhaust header and Installed new #5 cylinder header P/N 15070-003.

-,Technicians Who Worked On The Items Listed Above: Franklin Alviarez, Mike Faulkenbury

Work Order: 0266-12-2018

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Date	Total	Time		Since Overhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward	ought Forward —				
	10		ż		
	Se gap #5:	rviced with ped and and and and and and	th Phillips rotated sp #6=63/80 p	20W/50 oi park plugs. psi. Cleane	TTAF, Engine and Prop. Performed inspection per 2T 05-20 Check list as applicable. Charged oil and filter. I. No issues to report from filter inspection. Cleaned Compression checks: #1=65, #2=64, #3=66, #4=63, ed fuel screens. Adjusted magneto timing as needed.
	l ce	ertify that	this Powe	rolant and	Propeller has been inspected in accordance with a 400
	Ho	ur Inspec	tion and h	as been de	etermined to be in an Airworthy Condition.
		SIGNE		Xc	FOR CRS# PZ4R458M  ROB MASTERS
		CLARK	REGION	AL AIRPO	RT (KJVY) SELLERSBURG, INDIANA 800-356-3723
N /			n=		AS/
					AIRCRAFT SPECIALISTS
4/4/19	FIF	H066 :	87	1.10	Removed oil fifter & Drained Oil Sample
		tobbs	762	5	Taken. Cut Filter - Inspected - OK.
					Installed New AA48109-2 Fifter & Serviced
					W/8 Qts XC 20W 50 = 160 He Aubland.
	1				GOTHET H1 2/19528

Date:

Make:

Model:

S/N:

May 09 2019

**Continental IO550N27** 917812

Reg:

Tach 924.4

411HZ

Performed 100hr inspection in accordance with Cirrus AMM SR22 05-20 check and FAR 43 Appendix D. Removed spark plugs and cleaned, gapped, and rotated spark plugs. Drained engine oil and collected oil sample for analysis, Filled with 8qts of Phillips X/C 20w-50 oil and 1 pint of FAA approved Avblend. Removed oil filter and inspected for debris none found at this time installed new AA48109-2filter, ran engine for leak check. Performed compression check results as follows; cyl1 76/80, cyl2 75/80, cyl3 75/80, cyl4 76/80 cyl5 75 /80 cyl6 76 /80. Checked magneto to engine timing, inspected muffler, exhaust and intake systems for security and installation. Lubed propeller as needed.

I certify this engine and Propeller has been inspected in accordance with a 100hr inspection in accordance with FAR 43 appendix D and Cirrus AMM 05-20 checklist and found to be in airworthy condition.

		Total	Time		Since verhaul	Engine Service and Maintenance Record
	Ì	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forv	ward		-			Inodifications and Gervice Bulletins
-	metal and 1	e: lel: ngine t	Con 1O5 917 hen dra found of Avb	Installe	, remove	Logbook Entry  Tach: Hare 768.3  TTSOH: 768.3  Reg: N411HZ  ed oil filter, cut open and inspected for foreign debris, few (H48108-1 Oil Filter. Filled with 8qts of Phillips X/C 20w-50 (wed). Ran engine and performed leak check, no leaks found Danny D Keeton A&P 3053155
Append oil and	med 1 lix D. F collect proved d new	Conf 1055 9176 100hr in Remove ted oil d Avble AA481	nspections ed spar sample end. Rei 109-2fil	on in according to the second of the second	and clea lysis, Fill oil filter a engine f cyl3 75/8	Tach 1020.4  Reg: 411HZ  with Cirrus AMM SR22 05-20 check and FAR 43 ned, gapped, and rotated spark plugs. Drained engine ed with 8qts of Phillips X/C 20w-50 oil and 1 pint of and inspected for debris none found at this time for leak check. Performed compression check results 80, cyl4 76/80 cyl5 75 /80 cyl6 76 /80. Checked
as follo magnet installa	ws; cy to to e tion. F this e ance v	vil 76/8 engine f Repisce engine vith FA	timing, ed air fil and Pro R 43 ap	inspecte ter with opeller h	BA24 N as been	er, exhaust and intake systems for security and ext due on condition or 1220.4. inspected in accordance with a 100hr inspection in rrus AMM 05-20 checklist and found to be in
as follo magnet installa I certify	ws; cy to to e tion. F this e ance v	vil 76/8 engine f Repisce engine vith FA	timing, ed air fil and Pro R 43 ap	inspecte ter with opeller h	BA24 N as been	er, exhaust and intake systems for security and ext due on condition or 1220.4. inspected in accordance with a 100hr inspection in
as follo magnet installa I certify	ws; cy to to e tion. F this e ance v	vil 76/8 engine f Repisce engine vith FA	timing, ed air fil and Pro R 43 ap	inspecte ter with opeller h	BA24 N as been	er, exhaust and intake systems for security and ext due on condition or 1220.4. Inspected in accordance with a 100hr inspection in rrus AMM 05-20 checklist and found to be in
as follo magnet installa I certify	ws; cy to to e tion. F this e ance v	vil 76/8 engine f Repisce engine vith FA	timing, ed air fil and Pro R 43 ap	inspecte ter with opeller h	BA24 N as been	er, exhaust and intake systems for security and ext due on condition or 1220.4. Inspected in accordance with a 100hr inspection in rrus AMM 05-20 checklist and found to be in
as follo magnet installa l certify	ws; cy to to e tion. F this e ance v	vil 76/8 engine f Repisce engine vith FA	timing, ed air fil and Pro R 43 ap	inspecte ter with opeller h	BA24 N as been	er, exhaust and intake systems for security and ext due on condition or 1220.4. Inspected in accordance with a 100hr inspection in rrus AMM 05-20 checklist and found to be in
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as follo magnet installa l certify	ws; cy to to e tion. F this e ance v	vil 76/8 engine f Repisce engine vith FA	timing, ed air fil and Pro R 43 ap	inspecte ter with opeller h	BA24 N as been	er, exhaust and intake systems for security and ext due on condition or 1220.4. Inspected in accordance with a 100hr inspection in rrus AMM 05-20 checklist and found to be in
as follo magnet installa l certify	ws; cy to to e tion. F this e ance v	vil 76/8 engine f Repisce engine vith FA	timing, ed air fil and Pro R 43 ap	inspecte ter with opeller h	BA24 N as been	er, exhaust and intake systems for security and ext due on condition or 1220.4. Inspected in accordance with a 100hr inspection in rrus AMM 05-20 checklist and found to be in
as follo magnet installa l certify	ws; cy to to e tion. F this e ance v	vil 76/8 engine f Repisce engine vith FA	timing, ed air fil and Pro R 43 ap	inspecte ter with opeller h	BA24 N as been	er, exhaust and intake systems for security and ext due on condition or 1220.4. Inspected in accordance with a 100hr inspection in rrus AMM 05-20 checklist and found to be in

Date	Tota	al Time		Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
rought Forward		-			iviodifications and Service Builetins
-		Date:		01 0-4	hahar 2010
-		Make:		Contine	tober 2019 Tach 1065.3
		Model:		10-550	NA 27
		S/N:		917812	Reg: 411HZ
		Perform	ned ann	ual inspe	pection in accordance with Cirrus AMM SR22 05-20 check and FAR 43
		oil and of FAA apprinstalled compre 68/80, of inspected	or D. Ke collected or oved A d new A ssion ch cyl3 70/8 ed muffl	moved s d oil sam Avblend. A48109- eck w/ . eck w/ . er, exha	spark plugs and cleaned, gapped, and rotated spark plugs. Drained en mple for analysis, Filled with 8qts of Phillips X/C 20w-50 oil and 1 pint l. Removed oil filter and inspected for debris, none found at this time, 2-2 filter, ran engine for leak check. No leaks found. Performed .040 orfice in the compression guage, results as follows; cyl1 68/80, c 64/80 cyl5 72 /80 cyl6 72 /80. Checked magneto to engine timing, aust and intake systems for security and installation. Replaced air filter condition or 1265.3.
		I certify accorda airworth	nce witr	1 FAK 43	Propeller has been inspected in accordance with a 100hr inspection is appendix D and Cirrus AMM 05-20 checklist and found to be in Damy D Keeton A&P3053155 I
		Date:		4 Nov,	
		Make: Model:		Continu	iental Tach: 1101.2
		S/N:		10-550- 917812	
		20W-50 leaks fo	and 1 b und. All	ottle of mainten	ed oil, removed oil filter, cut open and inspected for foreign debris, e. Installed new AA48109-2 Oil Filter. Filled with 8qts of Phillips X/C f Avblend (FAA approved). Ran engine and performed leak check, no nance was conducted in accordance with the conducted in the conducte
- 1		10-550	mainten	ance ma	Danny D Keeton A/P 3053155
			$\rightarrow$		
		-		$\rightarrow$	
			-		

Date Brought Forward	Total	Time	Time Since Last Overhaul		Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
	<b>→</b>				
					Tach 1150.3

Date:

13 Jan 2020

Make: Model: Continental 10550N 27

411HZ Reg:

S/N:

917812

Performed 100hr inspection in accordance with Cirrus AMM SR22 05-20 check and FAR 43 Appendix D. Replaced spark plugs. Drained engine oil and collected oil sample for analysis, Filled with 7qts of Phillips X/C 20w-50 oil and 1 pint of FAA approved Avblend. Removed oil filter and inspected for debris none found at this time installed new AA48109-2filter, ran engine for leak check. Performed compression check (with .40 orfice in gauge) results as follows; cyl1 68/80, cyl2 70/80, cyl3 70/80, cyl4 66/80 cyl5 66 /80 cyl6 72 /80. Checked magneto to engine timing, inspected muffler, exhaust and intake systems for security and installation. Air filter BA24 Next due on condition or 1220.4. No new Engine ADs as of 13 Jan 2020.

I certify this engine and Propeller has been inspected in accordance with a 100hr inspection in accordance with FAR 43 appendix D and Cirrus AMM 05-20 checklist and found to be in

airworthy condition.

Danny D Keeton A&P3053155

Date: Make: 17 Feb 2020

**Continental** 

Model: S/N:

**IO550N27** 

917812

Tach 1196.4

411HZ Reg:

Drained engine oil and collected oil sample for analysis, Filled with 7qts of Phillips X/C 20w-50 oil and 1 pint of FAA approved Avblend. Removed oil filter and inspected for debris none found at this time installed new AA48109-2 filter, ran engine for leak check.

on A&P3053155

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

**Engine Service and Maintenance Record** Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins

Date:

Make:

23 April 2020

Continental

Model: S/N:

10550N27 917812

Reg: 411HZ

Tach 1254.3

Performed 100hr inspection in accordance with Cirrus AMM SR22 05-20 check and FAR 43 Appendix D. Replaced spark plugs. Drained engine oil and collected oil sample for analysis, Filled with 7qts of Phillips X/C 20w-50 oil and 1 pint of FAA approved Avblend. Removed oil filter and inspected for debris some metallic particles found at this time installed new AA48109-2filter, ran engine for leak check. Performed compression check (with .40 orfice in gauge) results as follows; cyl1 66/80, cyl2 62/80, cyl3 68/80, cyl4 62/80 cyl5 68 /80 cyl6 68/80. Checked magneto to engine timing, inspected muffler, exhaust and intake systems for security and installation. Air filter BA24 Next due on condition or 1454.3. No new Engine ADs as of 23 April 2020. I certify this engine and Propeller has been inspected in accordance with a 100hr inspection in accordance with FAR 43 appendix D and Cirrus AMM 05-20 checklist and found to be in

(303.4		Dec 16.1 - 100 1 1-10-
		no returning villed Engine w7 pt philles
		20W to, Replaced Frater & to 14 year word AA 48/107-2
		files to fee to the angent day no
		Color illa AER3053115.

Date: Make:

Model:

S/N:

24 July2020

Continental 10550N27

917812

Tach1346.1

Reg:411HZ

Performed 100hr inspection in accordance with Cirrus AMM SR22 05-20 check and FAR 43 Appendix D. Replaced spark plugs. Drained engine oil and collected oil sample for analysis, Filled with 7qts of Phillips X/C 20w-50 oil and 1 pint of FAA approved Avblend. Removed oil filter and inspected for debris some metallic particles found at this time installed new AA48109-2 filter, ran engine for leak check. Performed compression check (with .40 orfice in gauge) results as follows; cyl1 66/80, cyl2 62/80, cyl3 64/80, cyl4 70/80 cyl5 61/80 cyl6 70/80. Checked magneto to engine timing, inspected muffler, exhaust and intake systems for security and installation. Air filter BA24 Next due on condition or 1454.3. No new Engine ADs as of 24 July 2020.

I certify this engine and Propeller has been inspected in accordance with a 100hr inspection in accordance with FAR 43 appendix D and Cirrus AMM 05-20 checklist and

found to be in airworthy conditin.

Dannya Keeton A&P3053155

Date	Total	Total Time		Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Speçial Inspections, Modifications and Service Bulletins
Brought Forward		<b>→</b>			
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					Linkell E 8646275-1 Sterler. firelitted
					COPLERENT SOF 31.00
doctoro	1409	1			Drawal angine a'l remo use filter, reinstille
					clorqued filter reflexingur (17075
			7		Dershell 100 W Dei Cuterispellet fut les no
					Jumara debries notal, run-un un lecto
+:					hoter about AEP3682155

15 October 2020 Tach Time: 1426.8

Removed defective alternator PN 646845. Installed Aero Tech overhauled alternator PN 646845. Coupler was torqued to 300 in-lbs and cotter pin installed (cut below end of the shaft) per Continental SB 11-3. Both alternators function checked. Alternator one charged from idle to 2000 rpm+ and alternator two light on at 1500 rpm and off at 1700 rpm (normal operation).

Danny D. Keeton A&P 3053155

Date: Make:

S/N:

02 Nov 2020 Continental

10550N27 Model: 917812

Tach 1440.9

411HZ

Performed Anual inspection in accordance with Cirrus AMM SR22 05-20 check and FAR 43 Appendix D. Removed spark plugs and cleaned, gapped, and rotated spark plugs. Drained engine oil and collected oil sample for analysis, Filled with 8qts of Aeroshell 100W oil and 1 pint of FAA approved Avblend. Removed oil filter and inspected for debris none found at this time installed new AA48109-2filter, ran engine for leak check. Performed compression check results as follows; cyl1 70/80, cyl2 50/80, cyl3 60/80, cyl4 64/80 cyl5 60/80 cyl6 50/80. Checked magneto to engine timing, inspected muffler, exhaust and intake systems for security and installation. Replaced air filter with BA24 Next due on condition or 1640.9

I certify this engine has been inspected in accordance with an Annual inspection in accordance with FAR 43 appendix and Cirrus AMM 05-20 checklist and found to be in airworthy condition

Deflucion

A&P3053155IA

17 Sept 2030	1455.2	Removed defect in starter Adopter installed
		over house & storger adopter PNG 42682 A12 Sonial
	- 1	QARGS938. function check ak About Acp 3 Up 310T
IAPR 2021	1495.7	Dramed Engine oil Removal Ficter cuts inspected
		FICKER 10 Seprinded Reinstalled TO Yourde Sefetial FILTOR
		Perilangua TOTS Aevisher Will (cen Aubland
		Leve clock us heat leaks noted. Offether Mil 2013 (NFA)

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

Date: Make:

917812

13 May2021 Continental IO550N27

Model: S/N:

Tach1563.3

Tach: 1664.3

Reg:411HZ

Performed 100hr inspection in accordance with Cirrus AMM SR22 05-20 check and FAR 43 Appendix D. Replaced spark plugs. Drained engine oil and collected oil sample for analysis, Filled with 7qts of Phillips X/C 20w-50 oil and 1 pint of FAA approved Avblend. Removed oil filter and inspected for debris some metallic particles found at this time installed new AA48109-2filter, ran engine for leak check. Performed compression check (with .40 orfice in gauge) results as follows; cyl1 66/80, cyl2 64/80, cyl3 65/80, cyl4 68/80 cyl5 61/80 cyl6 70/80. Checked magneto to engine timing, inspected muffler, exhaust and intake systems for security and installation. Air filter BA24 Next due on condition or 1454.3. No new Engine ADs as of 13 May 2021.

I certify this engine and Propeller has been inspected in accordance with a 100hr inspection in accordance with FAR 43 appendix D and Cirrus AMM 05-20 checklist and found to be in airworthy conditin.

Danny D Keeton A&P3053155

G50/21	1594.1		Drained Engine ail Romoval filter,
			Cut's ws pected pocked bougled non matallic
505			Particles noted some depris from Anternature
			Conglot roted ( Rad ) refilled Enquir in 7 pts
			Lorushee woo, installed AAGIUT FILTER torque
			Dent Sofetiel belieblack Of the An ARP 305711VIA
		200	

DATE:

10 Sept 2021 Continental Make:

Model:

S/N:

IO550N27 917812

Performed 100hr inspection in accordance with Cirrus AMM SR22 05-20 check list and FAR 43 Appendix D. Removed, cleaned, inspected and gapped sparkplugs as needed. Drained engine oil collected sample for analysis, refilled with 7 qts Aeroshell W100 and 1 can Avblend. Removed oil filter, cut and inspected less than 10 small pieced of metal noted (non-ferrous), also some carbon particles noted. Installed new AA48109 filter torqued to 17 ft Lbs and safetied. Performed compression check Cyl 1 70/80;cyl2 60/80; cyl3 60/80; cyl4 64/80; cyl5 61/80; cyl6 70/80. Replaced R magneto gasket, Timing checked both Mags. Inspected induction system and exhaust system. Air filter BA24 next replacement due 1764.3. No new AD's as of Bi weekly 2021-18.

I certify this engine and propeller has been inspected I/A/W FAR43-13 appendix D and cirrus AMM 05-20 Checklist and found to be in an airworthy condition.

Engine Service and Maintenance Record	Time Since Last Overhaul		Time	Total	Date	
rectives, Special Inspections,	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins	Min.	Hrs.	Min.	Hrs.	
				→		Brought Forward
Tuntucal Replaced	Removal Exective and Pressure Tuenducad			3	1664	10Sept 2001
& S4/25311TEN	with New 12635-confronthous. Offet 14125					
	82 89 97 11 11 11 11 11 11 11 11 11 11 11 11 11					

Date: November 22, 2021

**Engine Logbook Entry** 

N411HZ

Make: Continental

TACH 1720.2

Model: I0550N27

S/N: 917812

Comp: Cyl 1 64 /80; Cyl 2 62 /20; Cyl 3 64/80 Cyl 4 68 /80; Cyl 5 62/80; Cyl 6 68/80 Performed annual engine inspection in accordance with FAR 43-13 Appendix D and Continental engine manual. Removed spark plugs, cleaned, gapped and rotated. Drained engine oil and collected oil sample for analysis. Filled with 7 quarts of Aeroshell 15w-50 oil. Removed and cut oil filter AA48109. No metal or carbon noted. Installed new oil filter; torqued to 17 ft/lbs and safetied. Checked magneto to engine timing and adjusted as needed. Replaced air filter with new BA 24. Next replacement due at 1920.2 hours or on condition. Inspected muffler, exhaust and intake. No new ADs as of biweekly 2021-23. Operational check OK. I certify this Engine has been inspected IAW FAR 43-13 Appendix D annual inspection and Cirrus 05-20 checklist and determined to be in an airworthy condition.

Danny D Keeton A&P3053155IA

(7000)	1568.8		Replaced I Brocker for wheel week in
	1 AIRC	RAI	Luked frely checker for wheel week on

TRIAD AVIATION, Inc. certifies that this engine has been disassembled, inspected, and overhauled to manufacturer's overhaul manual new limits. Engine tested in accordance with recommended procedures and is approved for return to service. All applicable A.D. Notes are complied with at the time of overhaul. Pertinent details of this work are on file at this repair station under work order # 27053

DATE 04/13/2022

MAKE CONTINENTAL	MODEL_IO-550-N
S/N917812	ENGINE TOTAL TIME
TSMOH <u>0.0</u>	TBO 2000



Triad Aviation, Inc.
Burlington Municipal Airport
3439 South Aviation Drive
Burlington, NC 27215
336-227-1467

Authorized Signature

04/13/2022 Date

Test Ran Continental IO-550-N Engine Serial Number 917812 for 1 hour, RPM 2700, oil pressure 47 lbs., oil temperature 195 degrees, CHT 296. Magneto check at 2100 RPM, L 100 RPM, R 100 RPM. Compression test cylinder #1 78/80 #2 79/80 #3 79/80 #4 79/80 #5 78/80 #6 79/80. This engine and/or component is approved for return to service. All pertinent details on file this repair station: TRIAD AVIATION, INC. FAA REPAIR STATION #PP4R448M. WO# 27053
Signed: Date: 04/13/2022

#### Engine Logbook Date: 04/25/2022



Date. OT/LU/LULL		THISTORY I WILLIAM OF STATE		
Reg No: N411HZ	Aircraft Type: SR22	Aircraft S/N: 1568		
Flight: 1765.5	Hobbs: <b>1610.3</b>	Aircraft Total Time: 1765.5		

- 1. Removed engine and sent to triad aviation for overhaul. Work Order No. 27053
- 2. Installed newly overhauled engine in accordance with manufacturers publications.
- 3. Re-torqued cylinder base nuts IAW engine manufacturers publications.
- 4. Installed overhauled number 2 alternator By Aerotech of Louisville P/N: BC410-1 S/N: 08076394K W/O: 148539
- 5. Installed new engine mounts P/N: 96301-01
- 6. Installed new rod ends P/N: 11314-003.
- 7. Installed new fuel hoses.
- 8. Operational and leak check good.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 4/25/207

Signed:

athan Parton, A&P: 4368564

Date	Total	Time			Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward		7	11		9

TRIAD AVIATION, Inc. certifies that this engine has been disassembled, inspected, and overhauled to manufacturer's overhaul manual new limits. Engine tested in accordance with recommended procedures and is approved for return to service. All applicable A.D. Notes are complied with at the time of overhaul. Pertinent details of this work are on file at this repair station under work order # 27053

DATE 04/13/2022

MAKE CONTINENTAL

MODEL IO-550-N

S/N 917812

ENGINE TOTAL TIME

TSMOH 0.0

TBO 2000



Triad Aviation, Inc.
Burlington Municipal Airport
3439 South Aviation Drive
Burlington, NC 27215
336-227-1467

Authorized Signature

04/13/2022

Date

Test Ran Continental IO-550-N Engine Serial Number 917812 for 1 hour, RPM 2700, oil pressure 47 lbs., oil temperature 195 degrees, CHT 296. Magneto check at 2100 RPM, L 100 RPM, R 100 RPM. Compression test cylinder #1 78/80 #2 79/80 #3 79/80 #4 79/80 #5 78/80 #6 79/80. This engine and/or component is approved for return to service. All pertinent details on file this repair station: TRIAD AVIATION, INC. FAA REPAIR STATION #PP4R448M. WO# 27053
Signed: \*\*Definition\*\* Date: 04/13/2022

Engine Logbook

AINART SALES & BROKERAGE

 Date: 04/25/2022
 Aircraft Type: SR22
 Aircraft S/N: 1568

 Reg No: N411HZ
 Aircraft Type: SR22
 Aircraft Total Time: 1765.5

 Flight: 1765.5
 Hobbs: 1610.3
 Aircraft Total Time: 1765.5

- 1. Removed engine and sent to triad aviation for overhaul. Work Order No. 27053
- 2. Installed newly overhauled engine in accordance with manufacturers publications.
- 3. Re-torqued cylinder base nuts IAW engine manufacturers publications.
- Installed overhauled number 2 alternator By Aerotech of Louisville P/N: BC410-1 S/N: 08076394K W/O: 148539
- 5. Installed new engine mounts P/N: 96301-01
- 6. Installed new rod ends P/N: 11314-003.
- 7. Installed new fuel hoses.
- 8. Operational and leak check good.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 4/25/2072

Signed: \_\_/

Nathan Parton, A&P: 4368564

[	FAA CRS# R81R199Y								1	ĺ		
			-			<b>.</b> 1	Engine	** ** ** ** ** ** ** ** ** ** ** ** **	i,			
Brough		Date: 5/11/2022 AC: N411HZ Aircraft: SR22					WO: 223152 AC <sub>1</sub> SN: 1568	Hobbs: 1617.2 Eng.: IO-550-N Engine TT: 1617.2	-			
	Prop: Hartzell			:11	r	Eng. SN: 917812 Prop Model: PHC-J3YF-IRF	S/N: FP39482B					
	1.	Ran a	ircraft to	operating	g temperat 6: 70, MC	ures. Rem	oved top plugs for compressions. Co	mpressions as followed: #1: 65, #2: 66,	_			
	2. /3.	Remo	ved, Clea l all engir	aned, Gap	oped and F	nd Reinstalled Spark plugs with new gaskets (M674) Torqued and secured leads.						
1	4.	Post r	naintenan	ice run-u	p good, no			, , , , , , , , , , , , , , , , , , , ,				
	5.						V Cirrus SR 22 Annual Inspection Pr R Part 43 Appendix D and found to be					
							End					
=====							MAINTENANCE RELEASE			Ì		
		foun	d airwoi	rthy for	return to	service for	or the work performed, "Pertinent	th current FAA regulations and was details of the repair are on file at For CRS:				
		th	us agenc	ey under	Work Or	der: 223	152 Date: 5/11/2022 Signed: 15/18/1994	For CRS:				
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Continental Model Make IO-550-N27 Serial Number Registration N411HZ Flight Hobbs 917812 1865.5 Engine TIS: 06-01-2024 Aircraft TT: Date 1865.5 1865.5 Date
Inspected Engine per FAR 43 Appendix D, Scope and detail with guidance from Cirrus SR22 Annual Inspection guide. Engine TSO

Compressions: (1)71/80 (2)75/80 (3)75/80 (4)66/80 (5)74/80 (6)72/80. Changed Oil and serviced engine oil with Phillips X/C 20w50, 8qts. Replaced Oil Filter with CH48108-1. Cleaned, gapped and checked spark plugs. Washed engine. Ground operational check, no leaks noted. I certify this Engine has been inspected in accordance with a 100hr Inspection and was determined to be airworthy.

3116360 AP

Thoroughbred Aviation Maintenance, Inc. FAA CRS# R81R199Y

Date: 5/11/2022 AC: N411HZ

Brough

Engine WO: 223152 AC SN: 1568 Eng. SN: 917812 Prop Model: PHC-J3YF-IRF

Hobbs: 1617.2 Eng.: 10-550-N Engine TT: 1617.2 S/N: FP39482B

Ran aircraft to operating temperatures. Removed top plugs for compressions. Compressions as followed: #1: 65, #2: 66, #3; 70, #4; 68, #5; 70, #6; 70, MO/30000.

Removed, Cleaned, Gapped and Reinstalled Spark plugs with new gaskets (M674) Torqued and secured leads,

Post maintenance run-up good, no reass noted.

Lectrity this Engine has been inspected LAW Cirrus SR 22 Annual Inspection Program, Continental MM, as well to

Teerity this Engine has occur inspected. A Part 43 Appendix D and found to be Airworthy, include the scope and detail of 14 CFR FAR Part 43 Appendix D.

MAINTENANCE RELEASE

The aircraft and/or component identified was repaired in accordance with current FAA regulations and was 

917812 Serial Number Model 10-550-N27 1645.0 1779 Continental **Engine TIS:** 34.7 N411HZ **Engine TSO** Registration 1179.7 1845.0

Changed Oil and serviced engine oil with Phillips X/C 20w50, 8qts. Replaced Oil Filter with CH48108.

Ground operational check, no leaks noted

3116360 AP

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ha	ngersixllc@gma	III. O O III.	10-550-N27	Serial Number	917812
Make	Continental	Model	1812.1	Engine TIS:	1812.1 🛎
Registration	N411HZ	Flight Hobbs	1010.1	Engine TSO	46.6
Date	4-14-2023	Aircraft TT:	d detail with guidanc	ce from Cirrus SR22 Annua	I Inspection guide.

Inspected Engine per FAR 43 Appendix D, Scope and detail w Compressions: (1)75/80 (2)76/80 (3)75/80 (4)70/80 (5)76/80 (6)72/80. Changed Oil and serviced engine oil with Phillips X/C 20w50, 8qts. Replaced Oil Filter with CH48108-1. Cleaned, gapped and checked spark plugs. Cleaned and inspected fuel injectors and replaced injector O-rings. Checked magneto to engine timing. Washed engine. Ground operational check, no leaks noted. I certify this Engine has been imprected in accordance

with a 100hr Inspection and was determined to be airworthy.

3116360 AP

Make	Continental	Model	IO-550-N27	Serial Number	917812
Registration	A N411HZ	Flight Hobbs	1831.0	Engine TIS:	1831.0
Date	84-14-2023	Aircraft TT:	1831.0	Engine TSO  Replaced Oil Filter wig	65.5

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Make	Continental	Model	IQ-550-N27	Serial Number	917812
Registration	N411HZ	Flight Hobbs	1865.5	Engine TIS:	1865.5
Date	06-01-2024	Aircraft TT:	1865.5	Engine TSO	100.0

Inspected Engine per FAR 43 Appendix D, Scope and detail with guidance from Cirrus SR22 Annual Inspection guide. Compressions: (1)71/80 (2)75/80 (3)75/80 (4)66/80 (5)74/80 (6)72/80. Changed Oil and serviced engine oil with Phillips X/C 20w50, 8qts. Replaced Oil Filter with CH48108-1. Cleaned, gapped and checked spark plugs. Cleaned and inspected fuel injectors and replaced injector O-rings. Checked magneto to engine timing. Washed engine. Ground operational check, no leaks noted. I certify this Engine has been inspected in accordance with a 100hr Inspection and was determined to be airworthy.

Make	Continental	Model	IO-550-N27	Serial Number	917812
Registration	N411HZ	Flight Hobbs	1871.7	Engine TIS:	1871.7
Date	09-05-2025	Aircraft TT:	1871.7	Engine TSO	106.2

Inspected Engine per FAR 43 Appendix D, Scope and detail with guidance from Cirrus SR22 Annual Inspection guide. Compressions: (1)73/80 (2)75/80 (3)74/80 (4)70/80 (5)72/80 (6)70/80. Oil and filter change not due. Cleaned, gapped and checked spark plugs. Cleaned and inspected fuel injectors and replaced injector O-rings. Checked magneto to engine timing. Washed engine. Ground operational check, no leaks noted. I certify this Engine has been inspected in accordance with a 100hr Inspection and was determined to be airworthy.

Legends Air Center, LLC 2440 SW Aviation St. Bentonville, AR 72712
Engine Log 10/15/2025 N411HZ Cirrus SR22 TTIS 1759.1 WO1582

 Removed and replaced leaking crankshaft seal with new P/N: SA641250 & P/N: C-3317-228. Performed engine runup IAW Cirrus POH, Leak ck good, N/D/N

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Reechcraft

Fred Passin A&P 5083142 Date: 10/15/25 Signature:

LEGENDS AIR CENTER.

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