PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

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



Teledyne Constinental Matars, inc. A leledyne lechnologies Company

Production Certificate 508Printed:06/04/2009Test Date:06/03/2009

This engine model I0550N60B, serial number 1000450 was manufactured by Teledyne Continental Motors in accordance with approved design data and the applicable requirements of Part 21 of the Federal Aviation Regulation. The approved design data for this engine incorporates all changes required by applicable Airworthiness Directives and Teledyne Continental Motors Service Bulletins.

	Date	Tota	l Time	Time Last C	Since Verhaul	Engine Service and Maintenance Record
		Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
U	1/14/10	5	.4			
					,	THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE NUMBER HAS BEEN INSTALLED ON THIS ENGINE SE10589SC CDCOnJAN 1/4 2010 Cirrus Design Corporation Duluth, MN USA
						Cirrus Design Corporation Duluth, MN USA PC# 338CE
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	Total Time	Time Since	Engine Service and Maintenance Record
		Last Overhaul	Installations, Inspections, Airworthiness Directives, Special Inspections,
ENGINE MODEL:	Trout	dale Aircraft Services	
U ENGINE S/N: REG. NO: 244CK	Repair S	tation No. T9ZR725Y / Perimeter Way	s, Inc. DATE: 2/11/2010 A/C TSN: 22.7 ENG TT:
WORK ORDER: 444	Troutdale	e, OR 97060 USA 03-666-3838	HOBBS: 22.7
Engine Entries			
2 100 hour	- Engine - I certify tha	t this Engine has been inspe	ected for a 100hr inspection in accordance with the maintenance manual and FAR 43 appendix D
and was	found all working for rec	um to service. Oil was char	and are as follows using 80lbs as standard: 1) 70 2) 73 3) 72 4) 74 5) 68 6) 75
		8C Magneto to engine timing	
4 TCM 100	Hour - C/W SB 03-3	Differential Pressure test and ce between valve and guide.	d bore scope inspection procedures for cylinders. Note: #5 exhaust valve has slight leakage and
		-	d clamp installation, to include the intercooler hose connections. Due AT EVERY induction hose
	11.		
			Is after washing engine. Recurring each 100 / Annual inspection or after washing engine.
			ructions for TCM Cylinders. Visually inspect cylinders and cylinder heads for cracks and stains.
I certify that this Air under the above wo	craft and or components ork order number. Chief	s identified above were repaire Inspector Scott K. Kenney	ad in accordance with current Federal Aviation Regulations. Pertinent details are on file at this repair station
- DATE: 2/11/2010		SIGNED:	not il ll
_		Scott Kenney	Work Order: 4443 Printed by EBis 3 (datcomedia.com)
-		Certified Repair Station No. T9	92R/25Y
· · · · · · · · · · · · · · · · · · ·	I		
MODEL:	SR22		DATE: 4-09-2010
S/N:	3469	CTN	
REG. №:	N244CK	コレンドハ	276 Doug Warpoole Road TAT: 57.2
		CORPORATE FLIGHT MAN	Smyrna, IN 3/16/
		(Engine
	iou oo and litte	1 AA40100-2. Run l	oil and removed oil filter, cut open filter, no metal particles found. Serviced up performed, no leaks noted at this time.
The engine iden is approved for	tified above was	M 12-00. Drained o r AA48108-2. Run נ s inspected and rep	performed, no leaks noted at this time.
The engine iden is approved for on file at this rep Signed:	tified above was return to service pair station und	IM 12-00. Drained of r AA48108-2. Run u s inspected and rep e with only with resp er Work Order № 18	performed, no leaks noted at this time.
The engine iden is approved for on file at this rep Signed:	tified above was	IM 12-00. Drained of r AA48108-2. Run u s inspected and rep e with only with resp er Work Order № 18	performed, no leaks noted at this time.
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IOS5 ENG WO 1369 (3) A Insp Hour Effer Servi and I hav was	SINE MODEL: SON60B SINE S/N: 1000450 SINE S/N: 1000450 I I ENGINE S/N: 1000450 RES: NO: NSPV WORK ORDEL: 10-550-N ENGINE S/N: 1000450 RES: NO: NSPV WORK ORDER: 11281 Engine Entries The oil and filter was filter. An oil sampie w 08-01Complied with support bracketsThe 74/80 #4, 73/80 #5, 30 #5, 3 overhaul performed b	Repair Station No 4514 Taylor Circl Duluth, MN 55811 Phone: 218-788- Tornado Alley Turbo Service Ins Bracket Inspection, SB10-02 Alle ve 2010-11-04 TCM Hydraulic Li CM MSB09-08A (6) (FLT TIME of Aeroshell 15W-50 engine oil. k checks good. All work was acc aircraft and the accompanying di ordance with current requirement is Certified Repair Station CRS Y SIGNED: 2000 Peterson, Daniel J Certified Repair Station N SIGNED: 1 Certified Repair Station N Peterson, Daniel J Certified Repair Station N Certified Repair Station N Certif	e 3438 tructions and Service Bulletins: SI09-08 Crankca smate-Air Door Inspection. 50-Hr Recurring Inspe fters (Supersedes AD 2009-24-52), is Not Applica Er 123.5 Hrs.) Changed engine oil and filter, Cha Performed particulate inspection on old filter, chec omplished I.A.W. Cirrus SR22 A.M.M. 12-10. screpancy forms. The aircraft, airframe, aircraft e s of the Federal Aviation Administration and is app DSR55Y.	Averthiness Directives, Sp lletins DATE: 7/8 Avertsin: ENG TT: FLIGHTTIME: see Breather, SB09-01 Manifold actions will be due again at 173.5 FLIG ble to this Engine S/N 1000450 per ampion CH48108-1, P/N 50857-001, sked satisfactory. Performed operation ampion, propeller, or appliance identifie roved for return to service. Pertinent Work Order: 13699-07-7 Printed by EBis 3 (datcomedia. (DATE: 10/7/2010 A/C TSN: 168.9 ENG TT: 168.9 FLIGHTTIME: 188.9 FLIGHTTIME: 188.9 FLIGHTTIME: 188.9 FLIGHTTIME: 188.9 R/H tailpipe //80 #2, 74/80 #3, ACO9BA230 after	BY2010
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	WORK ORDER. 112861 Engine Entries The oil and filter was filter. An oil sampie w 08-01Complied with support bracketsThe 74/80 #4, 73/80 #5, 3 overhaul performed b rocker cover screws. support bracket.	4765 Frank Luke Dr Addison, Traxas 75001 Phone: 972-267-2376 changed and serviced with vas collected for analysis by a TAT SB 09-01Complied v cylinder compression was 30/80 #6, 72/80 psi. Master by Powermasters Aircraft Er Installed new oil cooler P/N	Blackstone LaboratoriesComplied with with TAT SB 10-02, installed new L/H and checked with the following results: #1, 73 orifice 46/80Reinstalled #5 cylinder S/N	FLIGHTTIME: 168.9	
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	verhaul performed b rocker cover screws. support bracket.	30/80 #6, 72/80 psi. Master by Powermasters Aircraft Er Installed new oil cooler P/N	orifice 46/80Reinstalled #5 cylinder S/N	ACO9BA230 after	
	rocker cover screws. support bracket.	Jy Powermasters Aircraft Er Installed new oil cooler P/N	Inines see work order 3245 dated 10/04/0	010 Terrinal all	
			1654585 S/N A10-8564-30. Installed new	R/H waste date	
	Pertinent details of repai			5	
		ir are on file at this Certified Rer	pair Station 5CSR009B		
	DATE ASCISS	, x			
	DATE: 10/7/2010	SIGNED: Wes	hlb/	Work Order: 112861	
·		Daw, Isaiah Certified Repair Statior	No. 5CSR009B	3is 3 (datcomedia.com)	
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	. I				
	ENGINE MODEL:	Clear Star Aviation		· · · · · · · · · · · · · · · · · · ·	
	IO-550-N ENGINE S/N: 1000450 REG NO. N5PV	Repair Station No. 5CSR009B		DATE: 10/29/2010	
	WORK ORDER: 112937	Addison, Texas 75001		A/C TSN: 184,2 ENG TT: 184,2 FLIGHTTIME: 184,2	
	Engine Entries	Phone: 972-267-2376		- =i⇔ini /IIVI⊑: 184.2	
	The oil and filtor was	Changed and and			
	An oil sample was co	ollected for analysis by Avia	8 quarts of AeroShell 15W50 and a new tion Oil Analysis of Phoenix, AZ.	CH48108-1 filter.	
		ir are on file at this Certified Rep			
·			Jair Station 5CSR009B.		
	DATE. 10/29/2010	SIGNED:	L Da	Work Order: 112937	
		Daw, Isaiah Certified Repair Statior	Printed by FF	Bis 3 (datcomedia.com)	
			ING. 305R009B	- raciomadia.com)	
				· · · · · · · · · · · · · · · · · · ·	
E	ENGINE MODEL: 10-5 ENGINE S/N: 1000450	50-N K Clear Star	Clear Star Aviation		DATE: 12/16/2
F	REG. NO: N5PV		Repair Station No. 5CSR009B		A/C TSN: 19
Y	WORK ORDER: 11303	15	4765 Frank Luke Dr Addison, Texas 75001		ENG TT: 19 FLIGHTTIME: 19
			Addison, Texas /5001 Phone: 972-267-2376		
F	Engine Entries		×		
and a second sec		drive adapter assembly.			
83	INNA DIGIT	wive auditer assembly.	•	¥	
— F	^o ertinent details of repa	air are on file at this Certified	Repair Station SCSP0008		
			11 11		
	DATE: 12/16/2010	SIGNED: C	1th the		Work Order: 1130

Date	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
FLIGHTCR	FLIGHTCRAFT			1	FAA CRS CPR831D

7777 NE Airport Way Portland, OR 97218

ENGINE LOG ENTRY

DATE: 03/09/2011. HM: 210.4. N5PV. Cirrus SR-22. S/N: 3469. ENGINE: TCM IO-550-N60B. S/N:1000450.

Complied with the following inspections:

a PAPÉ GROUP compan

- (1.0)Annual inspection IAW FAR 43 appendix D and Cirrus SR20 Inspection Guide
- Performed boroscope inspection of cylinders. No defects noted.
- Performed differential compression check: 1) 80/68, 2) 80/72, 3) 80/72, 4) 80/68, 5) 80/78, 6)80/72 Master 80/43

Complied with the following Airworthiness Directives and Service Bulletins:

- Researched Airworthiness Directives through BIWEEKLY 2011-05.None applicable at this time.
- (10.0)C/W TAT SI08-01. Inspection of crankcase breather. Next due at 264.4 hours T.T.
- (11.0)C/W TAT SB09-01. Inspection of exhaust manifold and turbo mount flange for cracks. No Defects noted.
- (12.0)C/W TAT SB10-01, Alternate air door hinge pin inspection. No defects noted. Next due 03/03/2012.
- (37.0) C/W TAT SB 10-02. Tail Pipe Bracket. New style brackets found installed. No cracks or defects noted. Next Due 260.4 Hours T.T.

Following repairs accomplished:

- (17) Drained oil and serviced with 8 quarts of Aeroshell W-100. Removed and inspected oil filter. No abnormal debris found. Installed new oil filter P/N CH48108 I/A/W SR22 AMM.
- (1.0) Removed spark plugs, inspected, serviced, tested, rotated and reinstalled I/A/W SR22MM Ch 5-20.
- (19.0) Adjusted Magneto timing to 21.5 degrees left and right. I/A/W TAT MM 22-6460004
- (21.0) Rivet missing on R/H Center Baffle new rivet installed. I/A/W AC43.131B.Section 4.
- (22.0) Tightened loose clamps on L/H and R/H exhaust heat shields I/A/W TAT G2/G3 Instructions.
- (23.0) turbo heat shield to stop chafing on oil return check valve I/A/W TAT G2/G3 Instructions.
 Engine runs carried out no leaks noted. I/A/W FAR 43 Appendix D and Cirrus SR22 Inspection Guide.

Pertinent details of the work described above are on file at this agency under W.O.#13833C. I certify that this engine has been inspected in accordance with an annual inspection, as per part 43 appendix D and was determined to be in an airworthy condition. This engine was repaired and inspected in accordance with current federal aviation regulations and is determined to be Airworthy with respect to the work performed. Aircraft approved for return to service this date. END. Flightcraft Portland CRS# FCPR831D

	Mike Searle	
N5PV July 28,	2011 Flight Hobbs 253.1	
1.	Changed the oil and filter (CH48108-1). Visual inspection of the used oil filter element revealed no unusual contamination. Safetied the new oil filter. Serviced the engine with 6 quarts of Aeroshell W100 oil and 9.6 ounces "Camguard". Washed and dried the engine and installation. No leaks were noted during the post maintenance runup.	
2.	Complied with TAT S.B. #09-01 (Exhaust manifold cracking). No discrepancies were noted. Next due Flight Hobbs 303.1.	
3.	Complied with TAT S.I. #08-01 (crankcase breather). Cleared the breather opening of normal oil buildup. Next due Flight Hobbs 303.1. $(\epsilon \beta \epsilon $	
4.	Complied with TAT S.I. #11-01 (exhaust slip joint). No discrepancies were noted. Next due Flight Hobbs 303.1.	
5.	Complied with TAT S.I. #11-02 (fuel pump oring). No discrepancies were noted. Next due Flight Hobbs 303.1.	
All worl #8292.	was performed by Auburn Flight Service, an Authorized Cirrus Aircraft Service Center under Work Order	
	Gregory F. Woodruff A&P 553697406	

Date	Tota	Total Time		Since verhaul	Engine Service and Maintenance Record				
	Hrs.	Min.	Hrs. Min.		Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins				
Brought Forwa	ard	>							
7777 NE Airport V Portland, Oregon 9 FAA CRS#: FCPR	7218		ę		Page 1 of 1 FLIGH	TCRAFT a PAPE company			
Log Entry Type	Engine			Reg#:	N5PV Model: TCM IO- 550-N S/N:	1000450			
Hobbs/HM:	327.3	256.8			:				
Following repair	s accomplisi	hed:							
Sqk Work Per	formed								
Inspected	#5 and #6 sp	oark plug park plu	s, found gs in #6	both #6 p cylinder	plugs cracked. Performed borescope inspection of #6 cyli with new P/N RHB32S and new gaskets. Run up normal	nder, no defects			
Flightcraft Portlar	ct to the wor	K perfor	med. EN	iD. My My Jay Smit	Date: 08-01-2011 h 5114	ved for return to			
<u>/</u>									
DATE: 8/3 1 • Cle	aned and lub	h/HM: .	e gates. F	7777 NF Portland 7.2 N51 Removed	RS FCPR831D E Airport Way I, OR 97218 PV S/N 3469 Manifold Pressure Sensor P/N 12635-001, S/N F0809 ar -001, S/N F0911. Ran Engine. Operational check OK.	nd installed a			
This certifies accordance	with the man ved for retur	ufacture n to serv	r's specif ice with	fications a respect to	mer under W.O.#: <u>14351C</u> was accomplished and inspec and current Federal Aviation Administration regulations, the work performed. END.	eted in is airworthy,			
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This certifies accordance and is appro	with the man ved for retur	ufacture n to serv	r's specif ice with	fications a respect to	mer under W.O.#: <u>14351C</u> was accomplished and inspec and current Federal Aviation Administration regulations, the work performed. END.	eted in is airworthy,			

Date	Total Time Time Since Engine Service and Maintenance Record	
	Hrs. Min. Hrs. Min. Min. Min. Modifications and Service Bulletins	6
Brought Forward	ENGINE MODEL: IO-550-N(60B) ENGINE S/N: 100450 REG. NO: SPV WORK CRDER: 14480-09-2011 CTR N US CTR	
	Engine Entries (7) 12-10 Changed engine oil and filter, Champion CH48108-1, P/N 50857-001. Serviced engine with 8 quarts of Aeroshell 15W-50 engine oil. Performed particulate inspection on old filter, checked satisfactory. Performed operational and leak checks. Op's and leak checks good. All work was accomplished I.A.W. Cirrus SR22 A.M.M. 12-10. (18) Performed 50 Hour Inspection items IAW TATI ICA 22-6460004 Rev. A. (22) Adjusted mixture to acheive a rise of 50 RPM IAW TCM SID 97-3E. (24) Inspected waste gate system, replaced clevis pin on slave waste gate. No other defects found. Operational check good. (37) C/W TAT S108-01, Rev A by inspecting and cleaning the Crankcase Breather Discharge Tube IAW Service Instructions.	
· · · · · · · · · · · · · · · · · · ·	I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.	— · .
	DATE: 10/3/2011 SIGNED: Res Work Order: 14480-09-2011	\neg
	Tim O'Reilly Certified Repair Station No. YD5R855Y	
	ENGINE MODEL: IO-550-N(60B) ENGINE SAN: 100450 REG. NO: 5PV WORK ORDER: 14538-11-2011 EIRBUS	
	Engine Entries (2) (FLT METER: 361.2 Hrs.) Changed engine oil and filter, Champion CH48108-1, P/N 50857-001. Serviced engine with 8 quarts of Aeroshell 15W-50 engine oil. Performed particulate inspection on old filter, checked satisfactory. Performed operational and leak checks. Op's and leak checks good. All work was accomplished I.A.W. Cirrus SR22 A.M.M. 12-10.	
	I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y.	- ' V
·	DATE: 11/16/2011 SIGNED: Work Order: 14538-11-2011 Peterson, Daniel J Peterson, Daniel J Peterson, Daniel J	
	Certified Repair Station No. YD5R855Y	
·····	ENGINE MODEL: IO-550-N(60B) ENGINE S/N: 1000450 REG. NO: SPV WORK CRDER: 14554-11-2011 CIRRUS CIRUS CIRUS CIRRUS CIRUS CIRRUS CIRRUS CIRRUS CIRUS CIRRU	
	Engine Entries (18) (Flight Meter 367.0) Complied with TATI 50 hour interval Maintenance and Inspection Checks Refer to TATI ICA 22-6460004 Rev. A (22) Removed and replaced the left and right turbo charger oil inlet adaptor gaskets P/N 652100 IAW TATI Instructions for	
	(23) Complied with TAT SIO8-01, cleaned oil breather discharge tube at L/H exhaust IAW TAT service information instructions, inspection due again at 417 hrs. flight meter or next oil change. (24) Complied with Tornado Alley TAT SB09-01 inspect for cracks around turbo mount flanges, no defects found at this time, next inspection due at next oil change or 417 flight hrs. (25) Removed and Revised Spark Pluva with power (25) Removed and Revised Spark Pluva Pl	
	I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine,	
······	YD5R855Y.	
	DATE: 11/23/2011 SIGNED: Work Order: 14554-11-2011 Peterson, Daniel J Certified Repair Station No. YD5R855Y Printed by EBis 3 (datcomedia.com)	
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				e Since Overhaul	Engine Service	and Maintenance Recor					
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Ai Modifications and Service Bi	worthiness Directives, Special Inspection					
ought Forward											
		NE MODEL	IC-550 N								
	(60B)			b.S.	Cirrus Design Factory Servic Repair Station No YD5R855Y	e Center DATE: 11/29/2 AVC TSN: 3					
	REG.	NO: 5PV K ORDER:		\sum	4514 Taylor Circle Duluth, MN 55811	ENG TT: 3 HOBBS: 46					
	14557	7-11-2011		CIRROS S	Phone 218-788-3438						
		ine Ent emoved and		Manifold-Press	ure Sensor with New P/N 12635-001 IAW CDC						
·	have	reviewed th	ne file on this	s aircraft and t	the accompanying disaranany fame. The						
	was re details	epaired/insp s of repair a	pected in acc ire on file at f	cordance with this Certified R	current requirements of the Federal Aviation Ad Repair Station CRS YD5R855Y	art, airframe, aircraft engine, propeller, or appliance identified ministration and is approved for return to service. Pertinent					
		E: 11/29/2	2011		INED: Joseph Yhll	Work Order: 14557-11-20					
	+				ph Sullivan fied Repair Station No. YD5R855Y	Printed by EBis 3 (datcomedia.co					
	↓ · ·				A REAL PROPERTY AND A REAL	· · · · · · · · · · · · · · · · · · ·					
	7 (60B)	MODEL: IC			Cirrus Design Factory Service	Center DATE: 4/3/201:					
	REG. NC		150	MAL I	Repair Station No. YD5R855Y 4514 Taylor Circle	A/C TSN, 42 ENG TT, 42					
·	WORK 0 14695-03			CIRRYS	Duluth, MN 55811 Phone: 218- 788-3438	HOBBS: 525					
		e Entrie									
	 (4) Perfo mandator 	ormed engin Ty service b	ie Annual/10 ulletins are ii	0 hr. Inspectio n compliance a	on IAW AMM ch. 5-20. Researched airworthines	s directives through bi-weekly issue 2012-06 all AD's and					
	CIU) Cha	inded endin	a oil and filta	Champion (
	(11) Lubr	innus SR22 ; icated as re	A.M.M. 12-1 quired in ac	0. Ioordonae with		 Op's and leak checks good. All work was accomplished 					
						ed on boroscope inspection, compressions are as follows:					
	D US-S					TO MORE POLICING MAY LU MEMAVISACTION 10 and T.C.M.					
	(17) Removed and cleaned fuel injection nozzles in accordance with the manufacturer's approved Instructions For Continued Airworthiness, and TOM										
	(47) Compiled with Functional inspection of Fuel Injection System in accordance with TCM Service Information Directive 97-3E (64) Addivided wishenate bits (100/ Service) addivided and a system in accordance with TCM Service Information Directive 97-3E										
	 (66) Removed LH and RH magnetos p/n 10-500556-101, s/n's off LH D09DA035, RH D09DA141, Installed serviceable magnetos, s/n's on LH D10GA063, RH D10GA141 for 500 hr. Inspection, work done IAW TCM IO-0550 Maintenance Manual X30634A and Tornado Alley Cirrus 22-6460004 Continued Ainworthiness Rev. A 										
	Continued Anworthiness Rev. A (67) Revlaced Turtho V hand clamps L0V/ Circus 20 Clappane - V in the second Manuarization Manual Associated and Fornado Alley Circus 22-6460004										
	(CO) D	(68) Removed and replaced magneto pressurization filter p/n 1396-2 IAW Tornado Alley Cirrus 22-6460004 Continued Airworthiness Rev. A Overhaul And Replacement Schedule.									
	(68) Remo And Repla	oved and re acement Sch	placed magr hedule.	neto pressuriza	ation filter p/n 1396-2 IAW Tornado Alley Cirrus	22-6460004 Continued Airworthiness Rev. A Overhaul					
	And Repla	icement Sci	hedule.	·	, And Printson 2 May Tomado Alley Clime	22-0460004 Continued Airworthiness Rev. A Overhaul					
	And Repla	eved the file	hedule.	raft and the ac	companying discrepancy forms. The aircraft, a	22-0460004 Continued Airworthiness Rev. A Overhaul					
	And Repla	evenent Sci wed the file ed/inspected pair are on	hedule.	raft and the ac nce with curre ertified Repair	companying discrepancy forms. The aircraft, a nt requirements of the Federal Aviation Adminis Station CRS YD5R855Y.	22-0400004 Continued Airworthiness Rev. A Overhaul inframe, aircraft engine, propeller, or appliance identified ration and is approved for return to service. Pertinent					
	And Repla I have revie was repaire details of re	evenent Sci wed the file ed/inspected pair are on	hedule.	raft and the ac nce with curre ertified Repair SIGNED Dave Ruus	companying discrepancy forms. The aircraft, a int requirements of the Federal Aviation Adminis Station CRS YD5R855Y.	22-0400004 Continued Airworthiness Rev. A Overhaul inframe, aircraft engine, propeller, or appliance identified ration and is approved for return to service. Partinent Work Order: 14695-03-2012					
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E	And Repla I have revie was repaire details of re DATE: 4/ NGINE MODEL 0-550-N(60B) NGINE S/N: 10	acement Sci awed the file ed/inspected apair are on 3/2012	nedule. e on this airc d in accorda file at this C Cirrus	raft and the ac nee with curre ertified Repair SIGNED Dave Ruus Certified Ro S Design I	Companying discrepancy forms. The aircraft, a nt requirements of the Federal Aviation Adminis Station CRS YD5R855Y. Company Station No. YD5R855Y Factory Service Center	22-0400004 Continued Airworthiness Rev. A Overhaul inframe, aircraft engine, propeller, or appliance identified ration and is approved for return to service. Partinent Work Order: 14695-03-2012 Printed by EBis 3 (datcomedia.com) DATE: 5/24/2012					
R	And Repla I have revie was repaire details of re DATE: 4/3 NGINE MODEL >-550-N(60B)	acement Sci ewed the file ed/inspected apair are on 3/2012	nedule. e on this airc d in accorda file at this C Cirrus Repair S 4514 Tay	raft and the ac nce with curre ertified Repair Dave Ruus Certified R 5 Design I tation No YD5	Companying discrepancy forms. The aircraft, a nt requirements of the Federal Aviation Adminis Station CRS YD5R855Y. Company Station No. YD5R855Y Factory Service Center	22-0400004 Continued Airworthiness Rev. A Overhaul inframe, aircraft engine, propeller, or appliance identified ration and is approved for return to service. Pertinent Work Order: 14695-03-2012 Printed by EBis 3 (datcomedia.com) DATE: 5/24/2012 AVC TSN: 476.5 ENG TT. 476.5					
14 R M M 14	And Repla I have revie was repaire details of re DATE: 4/2 NGINE MODIEL 0-550-W(60B) NGINE S/N: 10 SGINE S/N: 10 SGINE S/N: 10 SGINE S/N: 10 SGINE S/N: 10 SFV /ORK ORDER: 1759-05-2012	wed the file advinspected spair are on 3/2012	e on this airc d in accorda file at this C Cirrus Repair S 4514 Tay Duluth, M	raft and the ac nce with curre ertified Repair Dave Ruus Certified R 5 Design I tation No YD5	Companying discrepancy forms. The aircraft, a nt requirements of the Federal Aviation Adminis Station CRS YD5R855Y. Company Station No. YD5R855Y Factory Service Center	22-0400004 Continued Airworthiness Rev. A Overhaul inframe, aircraft engine, propeller, or appliance identified ration and is approved for return to service. Pertinent Work Order: 14695-03-2012 Printed by EBis 3 (datcomedia.com) DATE: 5/24/2012 AC TSN: 478.5					
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	ant War			
7777 NE Airpo Portland, Oreg FAA CRS#: F	on 97218		FLIGHTCRAFT	
Log Entry Ty	pe: Engine	Reg#: N5PV	Model: TCM IO550-N60B S/N: 1000450	
Flight/H1	M: 502.2/624.6	TTSN: 50)2.2	
Following rep	airs accomplished:			
new fi	lter P/N CH48108-1.	oved filter. Opened filter Serviced engine with 8 ius SR22 AMM, 12-10, 1	r and inspected for any abnormal debris, none found. Installed quarts of Aeroshell W100 oil. Ran up engine, no leaks noted. Rev, B3	
This certifies t accordance wit is approved for	hat only work request h the manufacturer's return to service wit	ted by the customer under specifications and currer h respect to the work per	er W.O.#: <u>PDX-12-424</u> was accomplished and inspected in nt Federal Aviation Administration regulations, is airworthy, and	
Flightcraft Por	tland CRS# FCPR83		Date: 09/13/2012	
		Daniel R. Rice for (CRS# FCPR831D	
7777 NE Airport V Portland, Oregon 9 FAA CRS#: FCPR	7218		FLIGHTCRAFT	
Log Entry Type:	Engine	Reg#: N5PV	Model: TCM IO550-N60B S/N: 1000450	
Flight/HM: _	537.5/667.4	TTSN: 537.5		
Following repairs ac	complished:			
4.1 Removed th Timed both Work perfor	e spark plugs, cleaned, R/H and L/H magnetos rmed I/A/W Cirrus SR2	inspected and re-gapped as r to 2.5 degrees BTDC. Perfo 2 M.M. 74-10, Rev. B3.	R22 M.M. 24-30, Rev. B3. Performed ground run. Ops check good. needed. Reinstalled the spark plugs. Checked the magneto timing. ormed ground run. Ops check good. Now defects or leaks noted	
with respect to the wo	orations and current Fea ork performed. END.	deral Aviation Administration	on regulations, is airworthy, and is approved for return to service	
Flighteraft Portland C	RS# FCPR831D:	John /	Date. 11/02/2012	
	· · · · · · · · · · · · · · · · · · ·	Daniel R. Rice for CRS#	# FCPR831D	
N5PV Flight Hobbs: 55 Drained oil and remo filter. Performed ope Reissue B, dated 6/2	Engine M 0.5 TTSN: 550 oved filter for inspection erational and leak che 2010, Chapter 12-10.	on, no defects noted. Ser cks, no leaks noted. Wor	Bend, Oregon 97701 (541) 388-0019 S/N: 1000450 Date: 12/27/2012 W/O: 12-44288 Disconstruction 12/27/2012 rviced engine with 8 qts. Aeroshell 15W50 oil and new CH48109-1 13773-001, 13773-001,	
Pertinent details of v	vork performed are or	i file at this location.		
F	Han	Fo	or FAA CRS# H6MR663L	
T		i i ·		
			Band Andrew ATTAL (Edd) 000 0040	
5PV ch: 584.8 rformed an Annual In and inspected filter fo 148109-1 filter. Check 12-02 by reinstalling mplied with Tornado A ey SI11-03 by visual in noval. Cleaned and n ated spark plugs. Cha engine components fo u bi-weekly update 20	Engine Mode TTSN: 584.8 spection on this eng r contaminants no de red compression: #1) fuel pump, P/N ETI-S lley SI11-01 by visua nspection of turbo sup e-oiled air filter eleme ecked magneto to eng or security and conditi 13-09.	fects noted. Serviced with 72/80 #2) 74/80 #3) 60/80 R22-2-12, S/N GP5508, a l inspection of exhaust slip oport rods for wear, no def nt. Removed, cleaned, in gine timing. Checked engi ion. Performed operationa	S/N: 1000450 W/O: 13-44459 Date: 5/21/2013 W/O: 13-44459 Date: 5/21/2013 Date:]
5PV ch: 584.8 rformed an Annual In and inspected filter fo 148109-1 filter. Check 12-02 by reinstalling mplied with Tornado A ey SI11-03 by visual in noval. Cleaned and n ated spark plugs. Cha engine components fo u bi-weekly update 20	Engine Mode TTSN: 584.8 spection on this eng r contaminants no de ed compression: #1) fuel pump, P/N ETI-S lley SI11-01 by visua spection of turbo sup e-oiled air filter eleme ecked magneto to eng or security and conditi 13-09. been inspected in acc	I: IO550-N60B ine in accordance with Cir fects noted. Serviced with 72/80 #2) 74/80 #3) 60/80 R22-2-12, S/N GP5508, a l inspection of exhaust slip port rods for wear, no def nt. Removed, cleaned, in gine timing. Checked engi ion. Performed operational ordance with an Annual I	S/N: 1000450 W/O: 13-44459 Date: 5/21/2013 W/O: 13-44459 Date: 5/21/2013 Date:	9

(32)

ROGUE VALLEY INTERNATIONAL AN		Date: 9-16-2013	Engine TT: 635.7
MEDFORD, OREGON 97504 (541)770-5314 CRS: GCPH		Total Time: 635.7 Hobbs Time: 635.7	
Engine Log Entry	N5PV		
Compression Taken, Readings are:	#1 68/80, #2 74/80,	#3 62/80 #4 73/80 #5 78/80, #6 7	72/80. Note: minimum compression is 47/80 per
master orifice Oil analysis was taken and sent for			
Installed all new valve cover gasket	ts, (12 ea. 1366-1) ar	id secured	
Installed new spark plugs, (12 ea. U Engine ran and fuel flow setting fou	and with-in specifica	tions per SID97-3C: no adjustme	ent needed at this date
Changed oil and filter (lea CH4810 Installed new starter adapter assemb	9-1 Filter, 8 quarts S	Shell 100W Oil)	
Ran engine, systems ops and leaked	l checked with no pro	blems noted)[3)
e component(s) identified above was in urn to service. Pertinent details on file	nspected and repaire at this agency under	d in accordance with current FAI work order no. 27695 & 27701.	Rs and was found airworthy and is approved for
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chard T. Fontes Auchau	d V. Jo	m	
			· .
	<i>~</i> >		
Reg #: N5PV Model: Cirrus SR22			Hobbs: 856.7
Serial: 3469		Aviation Services	FHM: 681.2 Total Time: 681.2
Work Order #: 22847		Aviation Services	Date: 5/21/2014
		anna an an thur an thur an ann an thur ann an an ann an an an an an an an an a	
/N 1000450 ETT: 681.2			
			neduled inspection report as a guide.
nanged oll & filter. Took Black	kstone Lab oil sa		
			spected. No defects noted. Installed
ew filter P/N CH48108-1. Serv	viced w/ 7 qts Ae	roshell W100 & 1 pt Cam	guard. Checked compression: #1) 70/80
ew filter P/N CH48108-1. Serv 2) 75/80 #3) 44/80 #4) 73/80 #3	riced w/ 7 qts Ae 5) 74/80 #6) 70/2	roshell W100 & 1 pt Cam 80. Master orifice "42" per	guard. Checked compression: #1) 70/80 r SB03-3. Borescoped cylinders. No
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Date	Total	Time	Time Last Ov		Engine Service and Maintenance Reco	rd
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspectio Modifications and Service Bulletins	115,
Brought Forward						
Reg Mo Ser	ial: 3469	rus SR22	-	V	Hobbs: 937.6 FHM: 742.8 Total Time: 742.8 Date: 3/30/2015	
C/W open	filter &	7 50 hou inspecte	ed. No de	fects not	ce checklist. Changed oil & filter. Took Blackstone Labs oil sample. C ed. Installed new filter P/N CH48108-1. Serviced w/ 7 qts Aeroshell V sted, & rotated spark plugs. Washed engine. Ground run acft. Ops chec for further details see WO# 23044 on file this station.	
					For Acr Care, Inc. FAA Repair Station AC0R030C	
	1 .	i	 		<u> </u>	
- DLK	2601 Ce LOG ID; N5PV HOBBS	# 16763 S/N 340	06-May-2	2015 WO		² g 1 / 1
*** ENGINE LO		/ ***	······			
REPLACED STAR	TER ADA	PTER W	TH NEW	UNTT P/1	N 642085A17 & GASKET P/N 653470. REMOVED SKYTEC STARTER AND	-
MAINTENANCE R THIS AIRCRAFT	ELEASE. , AIRFR WITH C RVICE F ARE ON	AME, AJ URRENT OR WORK FILE A R DLK A	AINTEN MAINTEN PERFORI THIS	ENGINE, ANCE RUI MED UNDI REPAIR S	OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED LES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR ER WO#15182 AT REPAIR STATION DK7R795J. PERTINENT DETAILS STATION.	-
Reg #: N Model: C Serial: 34 Work Or	Cirrus SF 469				Aviation Services Hobbs: 956.2 FHM: 757.2 Total Time: 757.2 Date: 6/2/2015	
Changed o new filter I #2) 64/80 # defects not B by inspe SB12-02 b MS20392-	100 hou il & filte 2/N CH4 #3) 58/80 ed. C/W ction. No 2C13. W WO# 23	er. Took 48108-1. 0 #4) 55 7 TATI I o defects tion. No Vashed e 8080 on	tion using Blackston Serviced /80 #5) 50 CA's. C/ s noted. C defects r ngine. Gr file this s	ne Labs (w/ 7 qts 0/80 #6) W TATI W TATI W TAT noted. Re round run tation. I (SR22 maintenance manual scheduled inspection report as a guide. oil sample. Cut open filter & inspected. No defects noted. Installed & Aeroshell W100 & 1 pt Camguard. Checked compression: #1) 56/80 63/80. Master orifice "41" per SB03-3. Borescoped cylinders. No SB10-01 by inspection. No defects noted. C/W TATI SB10-02 Rev CI SB11-04 by inspection & cleaning. No defects noted. C/W TATI oplaced slave wastegate linkage pins w/ new P/N MS20392-1C15; n acft. Ops check normal & no leaks noted at this time. For further certify that this engine has been inspected I/A/W a 100 hour e.	
					For: Jun Jare, Inc. FAA Repair Station	
					ACOR030C	
10	-					-

Date	To	Total Time		Since verhaul	Engine Service and Maintenance Record		
	Hrs	. Min.	Hrs.		Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins		
Brought Forwa	rd ——						
	Serial: 3	Cirrus SR		-	Aviation Services Hobbs: 983.3 FHM: 983.3 Total Time: Date: 10/9/2015		
	nspected. Washed er	VY 50 ho No defect agine. Gro	ts noted. I ound run a	Installed acft. Adju	Changed oil & filter. Took Blackstone Labs oil sample. Cut open filter & new P/N CH48108-1. Serviced w/ 7 qts Aeroshell W100 & 1 pt Camguard usted MAP up 2 inches. Ops check normal & no leaks noted at this time. For this station.		
	<u> </u>		l	ı .	For: An Care, Inc. FAA Repair Station AC0R030C		
	- Model Serial:	N5PV : Cirrus S 3469 Order #: 2			Hobbs: 1040.4 FHM: 820.6 Total Time: 820.6 Date: 7/8/2016		
	Changed Installed 58/80 #2 No defect inspection NLT TT MS2039 details se	ed 100 hot oil & filt new P/N) 71/80 #2 ets noted. on & clean : 1270.6.] 2-1C15. V be WO# 22	er. Took 1 CH48108 3) 48/80 # C/W TAT ing. Repl Replaced Vashed er 3328 on f	ion using Blackston 3-1. Servi 44) 67/80 FI ICA's. aced exh slave wa ngine. Gr ile this st	g Cirrus SR22 maintenance manual scheduled inspection report as a guide. ne Labs SOAP sample. Cut open filter & inspected. No defects noted. iced w/ 7 qts Aeroshell W100 & 1 pt Camguard. Checked compression: #1 #5) 64/80 #6) 73/80. Master orifice "41" per SB03-3. Borescoped cylinde C/W TATI SI08-01, SB10-01, SB10-02 Rev B, SB12-02. C/W SB11-04 haust system V-band clamps w/ new P/N 11-1100023. Next replacement du stegate w/ new P/N 22-6150026 using new gaskets & linkage pin P/N ound run acft. Ops check normal & no leaks noted at this time. For further tation. I certify that this engine has been inspected I/A/W a 100 hour o service.		
	Serial:	Cirrus SF			ACOR030C Hobbs: 1075.6 FHM: 848.0 Total Time: 848.0 Date: 11/18/2016		
		oil & filte new P/N (lackston	e Labs SOAP sample. Cut open filter & inspected. No defects noted. eed w/ 7 qts Aeroshell W100 & 1 pt Camguard. Washed engine. Ground ru ted at this time. For further details see WO# 23412 on file this station. For: Aurorate, MC. FAA Repair Station		

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AC0R030C

	Total Time		Time Last O		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspection		
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Ain Modifications and Service Bu		ns,
Serial: 3	Cirrus SR				Aviation Services	Hobbs: 1111.7 FHM: 875.4 Total Time: 875.4 Date: 3/17/2017	
11 1	oil & filte	TT4010	Blackston	T/w	SOAP sample. Cut open filter & qts Aeroshell W100 & 1 pt Ca his time. For further details see For: Include the first of the first FAA Repair Station ACOR030C	& inspected. No defects noted. amguard. Washed engine. Ground run WO# 23488 on file this station.	
Serial: 3	Cirrus SR			A)/	Aviation Services	Hobbs: 1139.8 FHM: 898.2 Total Time: 898.2 Date: 7/12/2017	
S/N 10004 Performed	100 hou	TT: 898 r inspect	tion using	Cirrus S	R22 maintenance manual sche	duled inspection program as a guide	
Changed of Installed n 56/80 #2) noted. C/V No defects manifold n new P/N N	ew P/N (61/80 #3 W TATI I s noted. (repaired b MS20392 check poi	r. Took CH48108) 55/80 # CA's. C C/W TA OY CRS# -1C25. A rmal & r	Blackston 8-1. Servi #4) 70/80 /W TAT I SB11- NJ5R06 Adjusted	ne Labs S iced w/ 7 #5) 70/8 [SI08-01 04 by cle 9N WO# density c oted at th	qts Aeroshell W100 & 1 pt Ca qts Aeroshell W100 & 1 pt Ca 0 #6) 72/80. Master orifice "45 by cleaning. C/W TATI SB10 aning & inspection of oil scree 115983. Replaced LH wasteg ontroller to increase MAP by 1 his time. For further details see	duled inspection program as a guide. to inspected. No defects noted. imguard. Checked compression: #1) 5". Borescoped cylinders. No defects 10-01, SB10-02, SB12-02 by inspection. Ins. No defects noted. RH exhaust ate actuator cable attach clevis pin w/ inch. Washed engine. Ground run WO# 23554 on file this station. I approved for return to service.	
Changed c Installed n 56/80 #2) noted. C/V No defects manifold n new P/N N	ew P/N (61/80 #3 W TATI I s noted. (repaired b MS20392 check poi	r. Took CH48108) 55/80 # CA's. C C/W TA OY CRS# -1C25. A rmal & r	Blackston 8-1. Servi #4) 70/80 /W TAT I SB11- NJ5R06 Adjusted	ne Labs S iced w/ 7 #5) 70/8 [SI08-01 04 by cle 9N WO# density c oted at th	qts Aeroshell W100 & 1 pt Ca qts Aeroshell W100 & 1 pt Ca 0 #6) 72/80. Master orifice "45 by cleaning. C/W TATI SB10 aning & inspection of oil scree 115983. Replaced LH wasteg ontroller to increase MAP by 1 his time. For further details see	5". Borescoped cylinders. No defects 101, SB10-02, SB12-02 by inspection. 101, SB10-02, SB12-02 by inspection. 101, SB10-02, SB12-02 by inspection. 102, SB10-02, SB12-02 by inspection. 103, SB10-02, SB12-02 by inspection. 103, SB10-02, SB12-02 by inspection. 103, SB10-02, SB12-02 by inspection. 104, SB10-02, SB10-02 by inspection. 104, SB10-02 by inspection	
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Brought F Rog #: NSPV Model: Cirrus SR22 Aviation Services Hobbs: 1172.6 SN 1000450 ETT: 924.9 Aviation Services Total Time: 924.9 Charged off & filther: Took Blackstone Labs SOAP sample. Cut open & inspected filter. No defects noted. Installed new PN CH48108-1. Serviced w/ 7 gts Aeroshell W100 & 1 pt Camguard. Washed engine. Ground mn acti. Ops check normal & no leaks noted at this time. For further dealls see W0/23634 on file this station. Reg #: NSPV Model: Cirrus SR22 For: For: For: For: For: For: For: For:	Da	ite Total T	ime Time Since	Engine Service	and Maintenance Record
Changed oil & filter. Took Blackstone Labs SOAP sample. Cut open & inspected filter. No defects noted. Installed new P/N CH48108-1. Serviced w/ 7 qts Aeroshell W100 & 1 pt Canguard. Washed engine. Ground run acft. Ops check normal & no leaks noted at this time. For further details see W0# 23634 on file this station.	Brought F	Model: Cirrus S Serial: 3469		la, the manual section of the manual section of	FHM: 924.9 Total Time: 924.9
Reg #: NSPV Model: Cirrus SR22 Serial: 3469 Image: Construction of the second of t		• Changed oil & filt Installed new P/N	ter. Took Blackstone La CH48108-1. Serviced v	v/ 7 qts Aeroshell W100 & 1	pt Camguard. Washed engine. Ground run
Model: Cirrus SR22 Serial: 3469 Serial: 3469 FHM: 955.7 Work Order Aviation Services FHM: 955.7 S/N 1000450 FM FM C/W SAVVY PART NO. COOMPLISHED BY Inspected filte PROVED FOR RETURN NO. ACOMPLISHED BY Pile ATTINE PROVED FOR RETURN NO. ACOMPLISHED BY Inspected filte Signature of Atthon To SERVICE. Plug scoring o Gradue of Atthon To SERVICE. C(RS# PP4R4 No. Mashed engine FIAR #3) 70/80 #5) THAD #3) 70/80 #5) THE ATTION. This time. For 1 PART NO. C/REAL Part No. C/REAL Part No. C/REAL Signature of Atthon To SERVICE. Burlington, NC 27215 Date Date Date Date Date Date Circle Representative				FAA Repair Station	
inspected filte plug scoring o (CRS# PP4R4 noted. Reinsta Washed engin #3) 70/80 #5) this time. For 1		Model: Cirrus S Serial: 3469	R22		FHM: 955.7
		S/N 1000450 C/W SAVVY inspected filte plug scoring o (CRS# PP4R4 noted. Reinsta Washed engine #3) 70/80 #5)	Signature of TRIAD A 3439 Sour Burlingt ir Station No.1	SHED BY CRAFT ENGINE OR COMPO BOVE WAS REPAIRED AND BOVE WAS REPAIRED AND FEDERAL AVIATION AGEI FEDERAL AVIATION AGEI ED FOR RETURN TO SERVICE DETAILS OF THE REP HIS REPAIR STATION UND HIS REPAIR STATION UND Date	SERVICEABLE PAR
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C	Date	Total Time	Time Since	Engine Service ar	nd Maintenance Record
Brought	F Mode Seria	#: N5PV el: Cirrus SR22 l: 3469 c Order #: 23634		Aviation Services	Hobbs: 1172.6 FHM: 924.9 Total Time: 924.9 Date: 11/17/2017
	Installe	d oil & filter. Too d new P/N CH481	ok Blackstone L 108-1. Serviced	at this time. For further details se	spected filter. No defects noted. Camguard. Washed engine. Ground run e WO# 23634 on file this station.
	- Pag #	N5PV		FAA Repair Station AC0R030C	
	Model Serial:	: Cirrus SR22		Aviation Services	Hobbs: 1210.0 FHM: 955.7 Total Time: 955.7 Date: 4/23/2018
	inspecte	a filter. Non-ferro	us metal noted.	Lab results are high aluminum. B	e Labs SOAP sample. Cut open & orescoped cylinders. Found piston pin
	inspected plug sco (CRS# F noted. R Washed #3) 70/8	a filter. Non-ferro ring on #3 and #5 P4R448M WO# 2 einstalled governo engine. Ground ru 0 #5) 70/80. Two	us metal noted. cylinders. Rem 24035) P/N 655 or w/ new gaske in acft. Ops che hour break-in te	Lab results are high aluminum. B oved cylinders for repair. Replace 932. Removed & inspected prop g t P/N MS9144-01. Serviced engir ck normal & no leaks noted at thi	e Labs SOAP sample. Cut open & orescoped cylinders. Found piston pin ed w/ overhaul exchange cylinders gov gasket screen for metal. None ne w/ 8 qts Aeroshell 100 mineral oil. s time. Post-run compression check: st-flight inspection; no leaks noted at
	inspected plug sco (CRS# F noted. R Washed #3) 70/8	a filter. Non-ferro ring on #3 and #5 P4R448M WO# 2 einstalled governo engine. Ground ru 0 #5) 70/80. Two	us metal noted. cylinders. Rem 24035) P/N 655 or w/ new gaske in acft. Ops che hour break-in te	Lab results are high aluminum. B oved cylinders for repair. Replace 932. Removed & inspected prop g t P/N MS9144-01. Serviced engir ck normal & no leaks noted at thi est flight performed by owner. Pos 87 on file this station.	orescoped cylinders. Found piston pin ed w/ overhaul exchange cylinders gov gasket screen for metal. None ne w/ 8 qts Aeroshell 100 mineral oil.
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	inspected plug sco (CRS# F noted. R Washed #3) 70/8	a filter. Non-ferro ring on #3 and #5 P4R448M WO# 2 einstalled governo engine. Ground ru 0 #5) 70/80. Two . For further detai	us metal noted. cylinders. Rem 24035) P/N 655 or w/ new gaske in acft. Ops che hour break-in te	Lab results are high aluminum. B oved cylinders for repair. Replace 932. Removed & inspected prop g t P/N MS9144-01. Serviced engir ck normal & no leaks noted at thi est flight performed by owner. Pos 87 on file this station.	orescoped cylinders. Found piston pin ed w/ overhaul exchange cylinders gov gasket screen for metal. None ne w/ 8 qts Aeroshell 100 mineral oil.
	inspected plug sco (CRS# F noted. R Washed #3) 70/8	a filter. Non-ferro ring on #3 and #5 P4R448M WO# 2 einstalled governo engine. Ground ru 0 #5) 70/80. Two . For further detai	us metal noted. cylinders. Rem 24035) P/N 655 or w/ new gaske in acft. Ops che hour break-in te	Lab results are high aluminum. B oved cylinders for repair. Replace 932. Removed & inspected prop g t P/N MS9144-01. Serviced engir ck normal & no leaks noted at thi est flight performed by owner. Pos 87 on file this station.	orescoped cylinders. Found piston pin ed w/ overhaul exchange cylinders gov gasket screen for metal. None ne w/ 8 qts Aeroshell 100 mineral oil.



Reg #: N5PV Model: Cirrus SR22 Serial: 3469 Work Order #: 23726



Hobbs: 1225.5 FHM: 967.9 Total Time: 967.9 Date: 7/27/2018

S/N 1000450 ETT: 967.9

Performed 100 hour inspection using Cirrus SR22 maintenance manual scheduled inspection report as a guide. Changed oil & filter. Took Blackstone Labs SOAP sample. Cut open filter & inspected. No defects noted. Installed new P/N CH48108-1. Serviced w/ 6 qts Aeroshell W100 & 1 pt Camguard. Checked compression: #1) 50/80 #2) 53/80 #3) 65/80 #4) 50/80 #5) 68/80 #6) 59/80. Master orifice "40". Borescoped cylinders. Found #1 exhaust valve not seating correctly. Staked valve to correct. C/W AD2016-16-12 by review of ECI SI99-8-1 Rev 9; affected cylinder is N/A this engine M/N. C/W TATI ICA's. C/W TATI SB12-02 by inspection. C/W TATI SB11-04 by cleaning & inspection of oil screens. C/W TATI SI11-03 by inspection. C/W TATI SI08-01RevA by cleaning. Replaced density controller w/ overhauled unit (CRS# U5AR184Y WO# 38010) P/N C165004-0501 S/N 02702. Replaced LH intercooler/MPC tube w/ new P/N ETI-G2-16-1. Replaced RH wastegate support bolt P/N MS21250-05020 & bushing P/N 22-6200023. Replaced RH turbo support rod bushing w/ new P/N 22-6200021. Replaced LH turbo support rod w/ new P/N ETI-G2-600-35 & bushing w/ new P/N 22-6200021. Replaced LH wastegate support bolt w/ new P/N MS21250-05020 & bushings w/ new P/N 22-6200023. RH tailpipe & wastegate elbow repaired by CRS# NJ5R069N WO# 117692. RH exhaust v-band clamp due replacement @ TT: 1170.6. Washed engine. Ground run acft. Adjusted density controller. Ops check normal & no leaks noted at this time. For further details see WO# 23726 on file this station. I certify that this engine has been inspected I/A/W a 100 hour inspection & is approved for return to service.

FAA Repair Station

ACOR030C

	ority/Country	FAA Form 8130-3, AIRWOR			3. Form Tracking Number: 000391		
I. Organi:	zation Name and Address:				5. Work Order/C	Contract/Invoice	
	Approved Turbo Components 663 2nd Lane Vero Beach, FL 32962				Number: 38010		
6. Item:	7. Description:	8. Part Number:	9. Quantity	: 10. Serial Number:	11.	Status/Work:	
1	HET Turbocharger	C165004-0501	1	02702	C	Dverhauled	
		block 11/12 was carried out in accordance	ce with EASA par	t 145 and in respect to that w	ork, the product	article is	
	considered ready for release to ser			t 145 and in respect to that w	ork, the product	/articie is	
13a. Cer	considered ready for release to ser	vice under EASA part 145.5482 ins have been complied with as of the d		t 145 and in respect to that w	ork, the product	/article is	
13a. Cer	considered ready for release to ser All known AD's and pertinent bullet	vice under EASA part 145.5482 ins have been complied with as of the da actured in conformity to: andition for safe operation.	14a. Certifies tha and describ	43.9 Return to Service t unless otherwise specified ir ed in Block 12 was accomplisi julations, part 43 and in respe	Other regul n Block 12, the wheed in accordance	lation specified in E rork identified in Bloc ce with Title 14, Code	
	considered ready for release to ser All known AD's and pertinent bullet tifies the items identified above were manufa Approved design data and are in a co	vice under EASA part 145.5482 ins have been complied with as of the da actured in conformity to: andition for safe operation.	14a. Certifies tha and describ Federal Reg	43.9 Return to Service t unless otherwise specified ir ed in Block 12 was accomplisi ulations, part 43 and in respe vice.	Other regul a Block 12, the w hed in accordand ct to that work, th	lation specified in E rork identified in Bloc ce with Title 14, Code he items are approve	
13b. Aut	considered ready for release to ser All known AD's and pertinent bullet tifles the items identified above were manufa Approved design data and are in a co Non-approved design data specified i	vice under EASA part 145.5482 ins have been complied with as of the data actured in conformity to: andition for safe operation. in Block 12.	14a. 14a. Certifies tha and describ Federal Reg return to ser 14b. Authorized 14d. Name (Type	43.9 Return to Service t unless otherwise specified ir ed in Block 12 was accomplisi ulations, part 43 and in respe- vice.	Other regul n Block 12, the w hed in accordand ct to that work, the 14c.	lation specified in E rork identified in Bloc ce with Title 14, Code he items are approve Approval/Certificate N U5AR184Y	
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13b. Aut 13d. Nar It is ir When specs	considered ready for release to ser All known AD's and pertinent bullet tifles the items identified above were manufa Approved design data and are in a co Non-approved design data specified i horized Signature: me (typed or Printed): mortant to understand that the existence re the user/installer performs work in acc filed in block 1, it is essential that the use authority of the country specified in block	vice under EASA part 145.5482 ins have been complied with as of the di actured in conformity to: ondition for safe operation. in Block 12.	14a. 14a. 14 CFR Certifies tha and describ Federal Reg return to set 14b. Authorized 14d. Name (Type Jeffery Responsibilities atically constitute aniworthiness ess authority acconstitute inst	43.9 Return to Service t unless otherwise specified ir ed in Block 12 was accomplisi gulations, part 43 and in respe- vice. Signature: Ad or Printed): Newbold es authority to install the aircraft authority different than the aircraft authority constall the aircraft	Other regul n Block 12, the w hed in accordanc ct to that work, the later of the second second to the second second second the second s	lation specified in E rork identified in Bloc ce with Title 14, Code he items are approve Approval/Certificate N U5AR184Y Date (DD/MMM/YYYY) 17/Jul/2018	

SERVICEABLE Pertinent details of the exhaust system component repairs are on file at this repair station under: il. are Name .92 Work Order No._ // Date Inspected by_ al **Dawley** Aviation 140 Industrial Dr. Burlington, WI 53105 1-800-338-5420 FAA CRS No. NJ5R069N

	Total Time		Time Since Last Overhaul		Engine Service and Maintenance Record		
	Hrs. Min.		Hrs.	Min.	Installations, Inspections, Air Modifications and Service Bi	rworthiness Directives, Special Inspections	
Model: 0 Serial #:	g #: N5PV odel: Cirrus SR22 rial #: 3469 ork Order #: 23796		A		IR CARE INC. Aviation Services	Hobbs: 1264.2 FHM: 999.3 Total Time: 999.3 Date: 12/27/2018	
inspected f	VY 50-ho ilter. No . Washed	defects l engine.	ice items. noted. Ins Ground	stalled ne	w P/N CH48108-1. Serviced	e Labs SOAP sample. Cut open & w/ 6 qts Aeroshell W100 and 1 pt noted at this time. For further details	
Reg #: N Model: (Serial #: Work Or	Cirrus SF 3469		ļ	A)	ACOR030C	Hobbs: 1328.2 FHM: 1054.0 Total Time: 1054.0 Date: 8/7/2019	
 Changed of Installed ne 53/80 #3) 7 exhaust val Replaced th Set internal 	100 hour il & filter ew P/N C 73/80 #4) ve burne follow time. Re defects no	r. Took I CH48108) 57/80 # ed. Cylin /ing in be einstallee oted. C/	ion using Blackston -1. Servic 5) 72/80 der repain oth mags: d & times W TATI I. C/W TA	e Labs S ced w/ 8 d #6) 67/80 red by CF gear ass to engin SB11-04 ATI SI08-	OAP sample. Cut open & insp qts Aeroshell 100 mineral oil. D. Master orifice "45". Boresc RS# PP4R448M WO# 25006. y P/N 10-357586A, block P/N e. C/W TATI ICA's. C/W TA by cleaning & inspection. No -01 Rev A by cleaning tube. R	eduled inspection report as a guide. Dected filter. No defects noted. Checked compression: #1) 73/80 #2) oped cylinders. Found #1 cylinder C/W 500 hour mag inspection. 10-357426, points P/N 10-357426. TI SB12-02 by inspection & leak defects noted. C/W TATI SI11-03 by	
check. No c inspection. w/ new P/N run acft. Op performed 2	os check 2 hour br 6 on file	normal a reak-in to this stati	& no leak est flight. on. I cert	s noted a Post-flig	t this time. Post-run compress ht inspection; no leaks noted a	A55488-2. Washed engine. Ground ion check: #1) 73/80. Acft owner at this time. For further details see I/A/W a 100 hour inspection & is	
<pre> check. No c inspection. w/ new P/N run acft. Op performed 2 WO# 23850 approved for </pre>	os check 2 hour br 6 on file or return	normal a reak-in to this stati	& no leak est flight. on. I cert	s noted a Post-flig	t this time. Post-run compress ht inspection; no leaks noted a	A55488-2. Washed engine. Ground ion check: #1) 73/80. Acft owner at this time. For further details see I/A/W a 100 hour inspection & is	
Check. No c inspection. w/ new P/N run acft. Op performed 2 WO# 23850 approved fo 	N5PV Cirrus S	92-1C13 normal a reak-in to this stati to servic	& no leak est flight. on. I cert	s noted a Post-flig	t this time. Post-run compress ht inspection; no leaks noted a his engine has been inspected For: Julian Are, Inc. Timothy J Padgett	A55488-2. Washed engine. Ground — ion check: #1) 73/80. Acft owner	

FAA Repair Station ACOR030C Reg #: N5PV Model: Cirrus SR22 Serial #: 3469 Work Order #: 23988



Hobbs: 1414.6 Flight: 1125.7 Total Time: 1125.7 Date: 8/4/2020

Engine S/N 1000450 ETT: 1125.7

Performed 100 hour inspection using Cirrus Aircraft Maintenance Manual inspection report as a guide. Performed compression with the following results #1) 75/80 #2) 50/80 #3) 70/80 #4) 55/80 #5) 65/80 #6) 60/80 MO "40". Removed oil and filter, took Blackstone SOAP sample, cut open filter no metal noted. Installed new filter P/N CH48108-1 and serviced engine with 6qts of Aeroshell 100W oil and 1 pt of CamGuard. Borescoped all cylinders. No defects noted. C/W TATI ICA's. No defects noted. C/W TATI SB11-04 by inspection and cleaning. C/W TATI SI08-01 by inspection and cleaning. Removed and replaced RH wastegate actuator hardware with new pin P/N MS20392-2C13, pin P/N MS20392-1C13 and safety pin P/N AA55488-2. Removed and replaced LH exhaust manifold assy with new P/N 22-6580011 and gasket set P/N MGKC. Washed engine. Ground ran aircraft. Ops check normal no leaks or defects noted at this time. For Further details see WO#23988 on file this station. I certify this engine has been inspected IAW a 100 Hour inspection and is approved for return to service.

are. Inc. FAA Repair Station

AA Repair Static