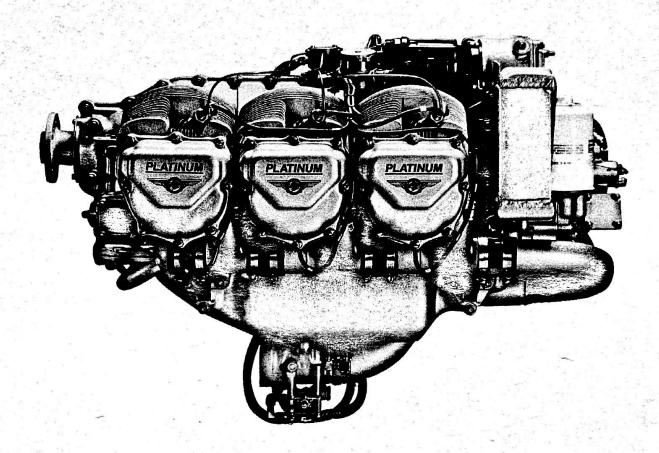
PLATINUM ENGINE LOG BOOK





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: 04/30/2007

athle leters Aviot - Regardent The approved the patient

This engine model 10550N46 , Serial No. 690894 was manufactured on 04/29/2007

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

TELEDYNE CONTINENTAL MOTORS

A TELEDYNE TECHNOLOGIES COMPANY PRODUCTION CERTIFICATE NO. 508

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 2039 Broad Street Mobile, AL 36615

Date	Tota	al Time	I Time Time Since Last Overhaul		Engine Service and Maintenance Record				
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins				
6/6/07	5	.6			Manifering and ociaice palicans				
			9						
					THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE				
					NUMBER HAS BEEN INSTALLED ON THIS ENGINE SE10589SC				
					_ CDCon				
					Cirrus Design Corporation Duluth, MN USA PC# 338CE				
		ENGINE M	ODEL						
		10550N46 ENGINE S/		W. S.	Cirrus Design Factory Service Center Repair Station No YD5R855Y DATE 6/23/2007 A/C TSN 7 4 ENG TT 7 4				
		REG NO (51lw		4515 Taylor Circle HOBBS 7 4				
		9247-06-20	107		Phone. 218- 788-3101				
		Engine (3) Installed		ngino hostor. I	FAA-PMA No. PQ2585CE, in accordance with installation instructions. Updated aircraft's weight & balance and				
		equipment I	ist in the P.O.	H. to reflect this	s installation. Performed functional check of engine preheater, fuction check was satisfactory				
87		I have revie was repaire	wed the file on	this aircraft ai	nd the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent				
		details of re	pair are on file	at this Certifie	ad Repair Station CRS yD5R855Y				
		DATE: 6/2	23/2007	5	SIGNED: Seeglyll - Work Order: 9247-06-2007				
				Jo	oseph Sullivan ertified Repair Station No YD5R855Y Printed by EBis 3 (datcomedia.com				
-26-2007	7.	4			Transfer all Cities maite				
					Transfer all future maintenance entries and Times to Canadian Log Books				
					Times to Canadian Log Books				
					Pertinent details are on file at this				
					Agency under W.O.#: 7247-06-2007				
					Date: 6-26-07 Signature: Canal A				
					Cirrus Design Factory Service Center				
$\overline{}$					YD5R855Y, Duluth MN				
	—								
		7							
			-	$\overline{}$					
				\rightarrow					
	- 1								

Date	Total	Time	and the second	Since verhaul	Engine Service and I	- 1000 Annual Company
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthine Modifications and Service Bulletins	ess Directives, Special Inspections,
Brought Forward		→				
12-23-2008	230.	2			Flight Meter 182.1 - Tra.	nsfer all future maintenance anadian Log Books
			080 0		entries and times from Co	anadian Laa Books
					back to U.S.A. Log Books	-)
)	
					Pertinent details are on file	at this
					Agency under W.O.#: 1241	W.ka
					Cirrie Dosign Factory Servi	ee Center
					YDSR853Y, Pulleth MIN	
		MODEL: 10-5	550-N	Cir	rus Design Factory Service Center	DATE 12/23/2008
	REG NO:		100	Rep	air Station No YD5R855Y 5 Taylor Circle	A/C TSN 230 2 ENG TT 230 2 HOBBS 230 2
	12428-12-		CIR	Rus Dul	th, MN 55811 ne: 218- 788-3438	
		Entries				4. Malla Assessance Proper Syntams SII
	A-131 by	cleaning an	d installing RT	V 106 to the d	os through bi-weekly issue 2008-26. Complied with SA 08-1 ata tag IAW SIL instructions. At the time of compliance the PN 466304-0003 turbocharger, S/N (KGN00133),mounted of	nis airrorant was equipped with a Tornado
	P/N 46630 engine oil	04-0003 turb and filter Cl	ocharger, S/N hampion CH48	(KGN00137) 3108-1 P/N 5	, mounted on the R/H or (co-pilot) of the engine. All ADs are 0857-001. Serviced engine with 8 quarts of Aeroshell 15W-5	e incompliance at this time (13) Changed 50 engine oil. Performed particulate
	inspection	on old filter, 22 A.M.M. 12	checked satis	sfactory. Perf	ormed operational and leak checks. Op's and leak checks	good. All work was accomplished I.A.W.
	I have revie	ewed the file	on this aircra	ft and the acc	ompanying discrepancy forms. The aircraft, airframe, aircr t requirements of the Federal Awation Administration and is	aft enigine, propeller, or appliance identified approved for return to service. Pertinent
	details of re	epair are on	file at this Cei	tified Repair (Station CRS YD5R855Y	
	DATE: 12	2/23/2008		SIGNED:		Work Order: 12428-12-2008
	4			Karl Hagglu Certified Re	nd pair Station No. YD5R855Y	Printed by EBis 3 (datcomedia.com)
	-		message to later 1			
		MODEL 10-9	550-N	Ci	rrus Design Factory Service Center	DATE 12/31/2008 A/C TSN 232 6
	REG NO WORK OF	141EC	2	451	pair Station No. YD5R855Y 4 Taylor Circle	ENG TT 232 6 HOBBS, 232.6
	12450-12-	2008	CIA		uth, MN 55811 one: 218- 788-3438	10003 2020
	a tanaan a a a a a a a a a a a a a a a a	Entries				
	SIN LUNUU.	SUS INSTAIR	ed MAP Contr	oller, PN 470	Tornado Alley Turbo Report # 215-10 and TCM SID97-3 688-5 SN LKN00054 Adjusted new MAP controller as it	equired Replaced original style waste gate
	performed	with no disc	repancies not	gn, PN 22-61 ed	50017 All work accomplished IAW Tornado Alley Turbo	Report # 215-10 Leak and operational check
-	was repair	earinspected	in accordan	e with currer	companying discrepancy forms. The aircraft, airframe, a at requirements of the Federal Aviation Administration and	rcraft engine, propeller, or appliance identified is approved for return to service. Pertinent
	details of te	ehan are on	ille at this Cei	Tified Repair	Station CRS YD5R855Y.	
, -	DATE: 12	2/31/2008		SIGNED: James Chri		Work Order: 12450-12-2008
	T			Certified Re	epair Station No. YD5R855Y	Printed by EBis 3 (datcomedia.com)
					•	

Date		Time	The same of the sa	Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,		
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins		
ought Forward		-			TVIO GITTO G		
277.2 277.2	TOT	AL TIME	E		N 141EC		
2/23/2009	DAT						
1) Compression :	1 75/ - 2 :	70/ - 3 74	4/ - 4 74/	- 5 76/ - 6	76/80.		
 Drain oil and ir Installed and s 	rspect filt	er for cor	ntaminents	- Note No	oted		
4) Refilled with (8	3) quarts	Aeroshell	15W50 oi				
 Cleaned, gappe Checked magn 			ark plugs				
7) Visually inspec	ted exhau	ıst.					
8) Lubed turbo ch9) Ground run up				S	R Tista		
		0.000			Bradley J. Stattlemyer AP 3171042		
					POPLAR GROVE AIRMOTIVE, INC.		
	1	7					
		5-20-0	09				
		N1411	EC				
			hobbs	and filte	er, inspect old filter, refill with Shell 15-50		
		343.5 Chang	hobbs	and filte	er, inspect old filter, refill with Shell 15-50 A&P344386227		
		343.5 Chang	hobbs	and filte	Davel Mul		
		343.5 Chang	hobbs	and filte	Davel Mul		
		343.5 Chang Grour	hobbs ged oil and ran	and filte	Danel Mul		
		Chang Groun	hobbs ged oil and ran		Dave Dwe A&P344386227		
	Date	Chang Groun 8-12-0 Hobb	hobbs ged oil a nd ran		A&P344386227 N141EC		
	Date 1 Drain	Chang Groun 8-12-0 Hobba	hobbs ged oil and ran 19 s 394.5 and ins	pected	A&P344386227 N141EC filter for contaminants—none noted.		
-	Date 1.Drain	Chang Groun 8-12-0 Hobbi	hobbs ged oil and ran 9 s 394.5 and insert saftie	pected d new f	A&P344386227 N141EC filter for contaminants—none noted. filter.		
	Date 1.Drain 2.Instal	Chang Groun 8-12-0 Hobbi led oil led and	hobbs ged oil and ran 9 s 394.5 and inside saftie of the Aero	pected d new f	A&P344386227 N141EC filter for contaminants—none noted. filter. 5W50 oil.		
	Date 1.Drain 2.Instal 3.Re-fil	S-12-0 Hobbited oil led and led wined par	hobbs ged oil and ran 99 s 394.5 and inside saftie the Aeroneed and and and and and and and and and an	pected d new foshell 1	A&P344386227 N141EC filter for contaminants—none noted. filter. 5W50 oil. ed spark plugs.		
	Date 1.Drain 2.Instal 3.Re-fil	S-12-0 Hobbited oil led and led wined par	hobbs ged oil and ran 9 s 394.5 and inside saftie of the Aero	pected d new foshell 1	A&P344386227 N141EC filter for contaminants—none noted. filter. 5W50 oil. ed spark plugs.		
	Date 1.Drain 2.Instal 3.Re-fil	S-12-0 Hobbited oil led and led wined par	hobbs ged oil and ran 99 s 394.5 and inside saftie the Aeroneed and and and and and and and and and an	pected d new foshell 1	A&P344386227 N141EC filter for contaminants—none noted. filter. 5W50 oil. ed spark plugs.		
	Date 1.Drain 2.Instal 3.Re-fil	S-12-0 Hobbited oil led and led wined par	hobbs ged oil and ran 99 s 394.5 and inside saftie the Aeroneed and and and and and and and and and an	pected d new foshell 1	N141EC filter for contaminants—none noted. filter. 5W50 oil. ed spark plugs. ked. Ratherian		
	Date 1.Drain 2.Instal 3.Re-fil	S-12-0 Hobbited oil led and led wined par	hobbs ged oil and ran 99 s 394.5 and inside saftie the Aeroneed and and and and and and and and and an	pected d new foshell 1	A&P344386227 N141EC filter for contaminants—none noted. filter. 5W50 oil. ed spark plugs. ked. Bradley J Stottlemyer		
	Date 1.Drain 2.Instal 3.Re-fil	S-12-0 Hobbited oil led and led wined par	hobbs ged oil and ran 99 s 394.5 and inside saftie the Aeroneed and and and and and and and and and an	pected d new foshell 1	A&P344386227 N141EC filter for contaminants—none noted. filter. 5W50 oil. ed spark plugs. ked. Bradley J Stottlemyer AP 3171042		
	Date 1.Drain 2.Instal 3.Re-fil	S-12-0 Hobbited oil led and led wined par	hobbs ged oil and ran 99 s 394.5 and inside saftie the Aeroneed and and and and and and and and and an	pected d new foshell 1	A&P344386227 N141EC filter for contaminants—none noted. filter. 5W50 oil. ed spark plugs. ked. Bradley J Stottlemyer		
	Date 1.Drain 2.Instal 3.Re-fil	S-12-0 Hobbited oil led and led wined par	hobbs ged oil and ran 99 s 394.5 and inside saftie the Aeroneed and and and and and and and and and an	pected d new foshell 1	A&P344386227 N141EC filter for contaminants—none noted. filter. 5W50 oil. ed spark plugs. ked. Bradley J Stottlemyer AP 3171042		

ate ·	Total	Time		Since verhaul	Engine Service and Maintenance R Installations, Inspections, Airworthiness Directives, Special In	(ecord spections,
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins	
Forward	N14 Hob	•	44.0			
dethir	11 14 g	2) Re- 3) Ins	filled w	vith (6) and safet	aspected filter for contaminants – none noted quarts Aeroshell 15W50 tied new filter (CH48108-1) and rotated spark plugs	
				ž ×	Clyde Mullins AP 2021298	
	Engin	e lo	g book			
	Date:	11/19/20	09; Aircrat SH-09-05		C; Hobbs: 445.90; Tach:; Total Time:	
*	FUEL Correc INSPE NOTE PERC	ctive Action ECTED ED AT THE ENTAGE	RANSMIT on:2 NGINE FU IS TIME.	JEL FLOV OPERATI	ADS 0.0 AFFECTING ALL FUEL POWER CALCULATIONS. W SENDING UNIT AND WIRING IN ENGINE COWLING, NO DEFECTIONAL CHECK OF FUEL FLOW, MANIFOLD PRESSURE, AND GER FUNCTIONING NORMALLY AT THIS TIME.	TS
	ROUG CHT W		TH LOW.		NG ENGINE GROUND RUN, SUSPECT CYLINDER NUMBER 2 EG	T, AND
	FOUNI SHAPE SPRIN	D THE C E AND N G. INST	ONTACT	IG POSIT EW CONT	OF NUMBER TWO CYLINDER, TOP IGNITION LEAD WAS BENT (TIVE CONTACT WITH SPARK PLUG. REMOVED OLD CONTACT TACT SPRING PART NUMBER 10-32326 ONTO NUMBER TWO	OUT OF
	accorda	ance with	the curre	nt regulat	ne, propeller or appliance identified above was repaired and inspecte tions of the Federal Aviation Administration and was found airworthy inent details of the repair are on file at this repair station.	d in and is
0	Signed: Tri-Stat		nc. ARSA	HTR1020	Dated: 11/19/09 C 6101 Flightline Drive Evansville, Indiana 47725 812-426-	1221
T	I	H^{-1}				and the second second
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						_
	Fit Hobbs: 412.1 H	Turbo STC, S/N: 690894	: CIRRUS SR22; S/N: 2 04, Time: 412.1; Prop -	:556; Hobbs: 412.1; Tota Гуре: PHC-J3YF-1N, S/N	l Time: 412.1; Engine - կ: FP5802B, Time: 412.1	
•	***Engine Work*** Completed a	n annual inspection in a	eccordance with EAR 45	s, Appendix D and Torna	do Alley Turbo	
ward	AD 09-16-03	ual. (9/9/09) Not applicable	hy Superior Air Parts "	nvestment" cast cylinde	rs not installed. AD	
	Hydraulic valve lift) TCM EQ3 cylinder hea	ad assemblies, not appl	icable by engine model. ure and lifters not replac	AD 09-24-52 (11/18/09) ed after 6/19/09.	_
	Completed T	CM SID 97-3F fuel inject	ction system check and	adjust fuel flows, next d	ue 512.1 ACT For	
	included proper to	ted TCM SID05-7- 300 h rque and seal replacem	hr fuel injector nozzles,	ultrasonically cleaning, i	einstalled fuel nozzles to	
	Changed oil a	and filter (CH48108-1), t	took sample, cut filter,	no metal noted, serviced	engine with 8 qts. 15W50	
	Aeroshell. Compre cleaned inspected	ession test as follows: #	#1)75/80 #2) 70/80 #3)	72/80 #4)72/80 #5) 71/ (12) M-674 spark plug (80 #6)74/80. Removed , gaskets. Reinstalled left	
	magneto p/n 10-50	00556-101 (S6RSC-25P	P), s/n D07DA116 and i	ight magnet p/n 10-5005	556-101 (S6RSC-25P), s/n	
	DU/DA118 after re	pair (500 hr inspection)) by Aircraft systems, Ir	ic., CRS# KC2R947K, W Checked engine control	/o# 43741, dated timed travels and lubricated.	
	Ground run for ops	and leak ck good. All	work performed in acc	ordance with approved/c	urrent technical data.	192
	I certify that this in airworthy conditi	engine has been inspe	ected in accordance wit	h an Annual inspection a	ind was determined to be	_
	Don Hover	man war	Ham.			
1	AP 127540217 IA Wisconsin A	Aviation - Madison		☐ Wisconsin	Aviation - Watertown	
	3606 Corbe			1741 River		
	Madison, V			Watertown,	WI 53094	
_	608-268-50	03		920-261-45	67	-
		1.77, 19				
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					. (
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				determination of the second		_
		4-6-10				
		N141EC				
		460.8 tack				
		400.0 tack				
		Changed oil an	d filter, inspect o	old filter, refill w/s	Shell 15-50	
-+	A single		w spark plugs RI			
		Ground ran	w spanic prago ra			
		Givana ran		Davel	o we	
				A&P344386227		
_			The second of th	1000227		-
- 10	Leavenger y x - V			Aller Control		
	Date: 6/09/2010; A	ircraft: N141EC; Type:	CIRRUS SR22; S/N: 2	2556; Hobbs: 503.7; To	al Time: 503.7	
\neg	Fit Hobbs: 503.7 Ho					
	Engine Work	ailed visual of engine.	Compression test as	follows: #1) 74/80, #2)	60/80, #3) 75/80, #4)	,
	72/80, #5) 78/80, #6	6) 74/80 (Master Oriface	e: 53psi.). Visually ins	spected exhaust system	for cracks, no defects	
	noted Ground run	for ops and leak ck god	od.		(a)	
	All work perior	med in accordance with	n approved/current tet	annoar uata.		
	A&P2659994IA	affen Sol			****	
	3	viation - Madison		☐ Wisconsin	Aviation - Watertown	n
:	3606 Corbei	n Court		1741 Rive		•
	Madison, W	1 53704			n, WI 53094	
	608-268-500			920-261-4		
\dashv	T T	1 1	4 - 1			
\bot						
_		- 				

Engine Service and Maintenance Record Time Since **Total Time** Date Installations, Inspections, Airworthiness Directives, Special Inspections, Last Overhaul Min. **Modifications and Service Bulletins** Min. Bro 7-19-10 **N141EC** 576.5 hobbs Changed oil and filter, inspect old filter, refill with Shell 15-50 Ground ran A&P3497722 Danel Por 623.5 GHT 568.9 11/11/201 oil and inspected filter for contaminents (none found) ed new oil filter siced with 6 quarts of Aeroshell 15W-50 bund ran and leak checked Nick Cotter AP3073624 Poplar Grove Airmotive Date 11-26-2010 **N141EC** Hobbs 629.9 Flight Hobbs 575.3 1. Removed engine cylinders number 2,4,and 6. 2. Installed new TCM cylinder assemblies with new rings, seals and 3. Drained oil and inspected filter for contaminants, none noted. 4. Installed and saftied new filter. 5. Serviced with Phillips 20W50M oil. 6. Ground run up and leak checked. Poplar Grove Airmotive, Inc

A&P262535793IA Wisconsip Av 3606 Corben Madison, WI 608-268-5003 Date: 1/28/2011; Airc Turbo STC, S/N: 6906 Fit Hobbs: 595.2 Hob	Court 53704	son		☐ Wisconsin Aviation -		
Turbo STC, S/N: 6906 Fit Hobbs: 595.2 Hob		4	V	1741 River Drive Watertown, WI 5309 920-261-4567		
Completed an A Removed waste gate, emanufacture by Tor Replaced manifold preturn line p/n AE668, and complied with fue to filter, no metal not (4/80 #3) 63/80 #4); spark plugs. Checker Cleaned fuel injectors with approved/current	Annual inspection p/n 470842-00 mado Alley Turbressure controlle 32E0200-180 with el system setupoted, serviced en 172/80 #5) 70/80 ed engine control s and flow divide at technical data. Is engine has been tion.	in accordance with the property of the propert	th FAR 43, and installed with drawin AE10140 ve waste glica. Chair W50 Aeros r orifice on ated. Retiliops and le	Appendix D. Appendix D. Appendix D. Awaste gate, p/n 470842-4, s/n J. By MDL ETI-G2-1 Rev. G, dated at a connect cable. Performed TC and and filter p/n CH48108-1, shell. Compression test as follows the day: 44/80. Cleaned, gapped med left and right magnetos to 22 ak ck good. All work performed in the analysis of the connect cable. Wisconsin Aviation 1741 River Drive Watertown, WI 530 920-261-4567	IN01100, after 05/16/2008. ste gate oil M SID97-3E took sample, 3: #1) 55/80 #2) and tested degrees BTC. accordance determined to	
		O HODDS	Τ _	N141EC		
	— 2 <i>-12</i> — 1. Clean	9 HOBBS 2011 ed and checked ed magneto ti				
		_	1-	CA-		
			Terry Aa A & P 34			
12.2			-	Es ²		20 8
	7 N C R S	-1-11 14.7 hobbs [141EC changed oil ar emoved Iskra ky-tec C24S] Fround ran	a 65618		ll w/ 6 qt. Sh 5 and install &P3497722	ed a

Da -		FAA - PMA	
ught F F/co	y Sky-Tec under the a o. 6 per CFF AA-Approved Fabricat pnforms to the relevan	ky-Tec Model No. C24ST5 was manufacturred new on 15 Mar 2011 nuthority of FAA PMA No. PQ0852SW Supplement R14 Part 21 in accordance with Sky-Tec's tion Inspection System (CFR14 Part 21 §21.303) and R14 FAA-approved drawings. This part has been rithy. y see www.skytecair.com/eligibility.htm by (Aircraft). (Mechanic)	Bulletins Bulletins
X	rm CC1108-1	revesion necessar	
Foi	1 1		
ENGIN REG. N	NO: N141EC ORDER:	Lone Mountain Aviation, Inc. Repair Station No. L90R473Y 2830 N. Rancho Dr. Suite A Las Vegas, NV 89130 Phone: (702) 309-2200	DATE: 3/1/2011 A/C TSN: 677.9 ENG TT: 623.3 FLIGHTTIME: 623.3
Replac	ne Entries ed TIT probe per Torna	ado Alley Continued Airworthiness Inspection Adjus	sted MAP controller per Tornado Alley Continued
The airci	raft, component identified	Shove was renaired and inspected in accordance with	
47		and all the above W.O. F	number.
DATE:	3/1/2011	SIGNED:	Work Order: 6030-02-2011 Printed by EBis 3 (datcomedia.com)
		A Company	
	5-26-11		
	N141E(
	740.7 h	DOOS	
	Remove	d starter drive from engine and re	einstalled atter overhauf under
		ed starter drive from engine and re Grove Airmotive w/o 4104	einstalled after overhaul under —
		ed starter drive from engine and re Grove Airmotive w/o 4104.	
			A&P3497722
700.0	Poplar (A&P3497722 Dave D Nove.
766.3 n/a	Poplar (Grove Airmotive w/o 4104.	
n/a n/a	Poplar (Grove Airmotive w/o 4104.	A&P3497722 Dave D Nove.
n/a	Poplar (Grove Airmotive w/o 4104.	A&P3497722 Dave D Nove.
n/a n/a 7/7/201 Orained oil	TACH TOTAL T SMOH DATE and inspected filte	Grove Airmotive w/o 4104.	A&P3497722 Dave D Nove.
n/a n/a 7/7/201 Orained oil nstalled ne	TACH TOTAL T SMOH DATE and inspected filterew filter and saftied	Grove Airmotive w/o 4104.	A&P3497722 Dave D Nove.
n/a n/a 7/7/201 Prained oil estalled ne	TACH TOTAL T SMOH DATE and inspected filterew filter and saftied h 6 qts 15W-50 Ae	Grove Airmotive w/o 4104. TIME er, found ok deproshell oil	A&P3497722 Oave O Nove.
n/a n/a 7/7/201 Orained oil nstalled ne Refilled with	TACH TOTAL T SMOH DATE and inspected filterew filter and saftied	Grove Airmotive w/o 4104. TIME er, found ok deroshell oil lugs	A&P3497722 Oave O Roye. N_141EC
n/a n/a 7/7/201 Prained oil estalled ne defilled with	TACH TOTAL T SMOH DATE and inspected filter ew filter and saftied the filter and saftied the filter and gapped spark place.	Grove Airmotive w/o 4104. TIME er, found ok deroshell oil lugs	A&P3497722 Oave O Re. N_141EC
n/a n/a 7/7/201 rained oil estalled ne efilled with	TACH TOTAL T SMOH DATE and inspected filter ew filter and saftied the filter and saftied the filter and gapped spark place.	Grove Airmotive w/o 4104. TIME er, found ok deroshell oil lugs	A&P3497722 Oave O Re. N_141EC
n/a n/a 7/7/201 rained oil estalled ne efilled with	TACH TOTAL T SMOH DATE and inspected filter ew filter and saftied the filter and saftied the filter and gapped spark place.	Grove Airmotive w/o 4104. TIME er, found ok deroshell oil lugs	A&P3497722 Owe O Nove.

Date	Total	Time	Time :	New Company of the Co	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,
	Hrs.	.Min.	Hrs.	Min.	Installations, Inspections, Airwortniness Directives, Openial Inspections, Modifications and Service Rulletins
			•		
n/a 816.4		TACH			N 141EC
816.4		TOTAL HOBBS			
3/9/201		DATE			
 Compression 	on 1-58/8	0, 2-72/8	0, 3-58/80	, 4-78/80,	, 5-62/80, 6-75/80
master orfic	ce reading	44/80			
2. Drained oil				<	
 Refilled with Installed an 					The second secon
5. Removed c					
6. Installed ov	erhauled	cylinder,	PGA w/o	4595 with	new seals and gaskets
Checked all	engine c	ontrols fo	or travel ar	nd security	
8. Cleaned, ga	apped and	d checke	d spark plu	ugs	
 Checked m Cleaned fue 	agneto tir	ning			
11.Checked fu	el sumns	and sere	anc		
12.Ground run					6
					T- Liter
certify that this					Terry L Aavang IA 3496617
nnual inspecti	on and w	as found	to be in an	airworthy	condition. POPLAR GROVE AIRMOTIVE, INC.
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Date	Tota	l Time	Last O	Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspection				
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			Date	Regist		Serial	FLT	ENGINE	7
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	1000MB	À		ING TIME I					
	ACCOMPI	C/W AN	NUAL INSPE AS A GUII	ECTION PER	R FAR 43 A	PPENDIX D USIN	NG CIRRUS SR22 N	MM, CMI 10-550-N	M/M & TAT
	2.	COMPRI	ESSIONS C EREADING	HECKS AS I	FOLLOWS	#1 60/80 #2 70/80	0 #3 60/80 #4 72/80	#5 65/80 #6 73/80	MASTER
	3.	DRAINE	DOIL. REM	OVED, INSP	ECTED &	REPLACED OIL F	FILTER WITH NEW	P/N CH48108. NO	METAL
	4.	AD 2012	-10-13 N/A	BY TIME ON		K & OPS CHECK RADAPTER	GOOD		
		INSTALL		PROTECTIO			LEADS BELOW BA		
	2.	CHAP 74	-20				SS P/N UHRB32E L		22 M/M
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	Date	Total	Time Min.	and the second s	Since verhaul Min.	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,
	Brought Forward		→		14	Modifications and Service Bulletins
	Т	R/E-				Lawrenceville - Gwinnet Co Airport (KLZU) 5) 437-8464 or (864) 985-8839
	Cirrus SR22 N1 Hobbs time: 96				4 Date	: 12/3/2013
	Drained oil, rem Filter. Took Oil leaks found.	oved fi Sample	iter, cue, refille	it filter o	pen, no 7 qts Ae	metal found. Replaced filter with Tempest 48108 roshell 100W and 1 qt Camguard. Ran engine, not
	Cleaned and ga	pped s	park p	lugs.		
	Sin Wa	ster	_	Tim	Masters	s - Certificate # 2802663 A&P IA - Date 12/3/2013
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+	×					Engine oil changed IAW AMM.
-						Removed filter and cut open for
-					i.	inspection. No metal found. Installed
						Tempest AA48108 Oil Filter, Filled with
						7 Qts Phillips 20-50 X-country oil. Ran engine, no leaks.
-				 	-	Hobbs: 1002.3 Date 3/11/2014
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Hrs. Min. Hrs. Min. Modifications and Service Bulletins Complied with Annual Inspection. Engine oil changed IAW AMM. Removed filter and cut open for inspection. No metal found. Installed Tempest AA48108 Oil Filter, Filled with 7 Qts Phillips 20-50 X-country oil. Ran engine, no leaks. Removed Magnetos for 500 hr overhaul. Replaced Magnetos overhauled by Aircraft Magneto Service Compressions 1-66, 2-72,3-68, 4-72, 5-70, 6-74 Hobbs: 1061.1 Date 5/25/2014 Reg. N141EC I certify that this Engine is approved for return to service Tim Masters Certificate # 2802663 IA AUDITOR OF THE CONTROL OF THE PRINCE OF T	Date	Total Time		Last O	Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,	
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I certify that this Engine is approved for return to service Tim Masters Inv Masters Certificate # 2802663 IA 4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200 N141EC S/N 2556 Date: 9/2/2014 Engine S/N 690894 Hobbs: 1090.5 Flight: 1027.6 Changed engine oil. Serviced oil with 8 qts. of 15w-50wt Aeroshell. Installed new oil filter pn# AA48108-2. Cut open old filter and inspected for metal debris. None found. Routine oil sample taken for analysis. Run-up checks good. No leaks noted.						Hobbs: 1061.1 Date 5/25/2014	
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Certificate # 2802663 IA 4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200 N141EC S/N 2556 Date: 9/2/2014 Engine S/N 690894 Hobbs: 1090.5 Flight: 1027.6 Changed engine oil. Serviced oil with 8 qts. of 15w-50wt Aeroshell. Installed new oil filter pn# AA48108-2. Cut open old filter and inspected for metal debris. None found. Routine oil sample taken for analysis. Run-up checks good. No leaks noted.				3 1 3		<u> </u>	
Cincinnati OH 45226 (513) 321-1200 N141EC S/N 2556 Date: 9/2/2014 Engine S/N 690894 Hobbs: 1090.5 Flight: 1027.6 Changed engine oil. Serviced oil with 8 qts. of 15w-50wt Aeroshell. Installed new oil filter pn# AA48108-2. Cut open old filter and inspected for metal debris. None found. Routine oil sample taken for analysis. Run-up checks good. No leaks noted.							
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Cincinnati OH 45226 (513) 321-1200 N141EC S/N 2556 Date: 9/2/2014 Engine S/N 690894 Hobbs: 1090.5 Flight: 1027.6 Changed engine oil. Serviced oil with 8 qts. of 15w-50wt Aeroshell. Installed new oil filter pn# AA48108-2. Cut open old filter and inspected for metal debris. None found. Routine oil sample taken for analysis. Run-up checks good. No leaks noted.							
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N141EC S/N 2556 Date: 12/26/2014 Engine S/N 690894 Hobbs: 1161.2 Flight: 1078.4

Changed engine oil. Serviced oil with 8 qts. of 15w-50yrt Aeroshell. Installed new oil filter pn# AA48108-2. Cut open old filter and inspected for metal debris. None found. Routine oil sample taken for analysis. Run-up checks good. No leaks noted.

Greg Herrmann 406901563IA

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4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



N141EC ENG. S/N: 690894 Date: 5/29/2015 Engine Flight: 1130.4 TSN: 1130.4

Inspected engine I/A/W an Annual inspection per Cirrus SR22 AMM rev. B4 Chapter 5-20.

The following work was accomplished at this time:
Compressions: 1)52/80 2)62/80 3)52/80 4)68/80 5)50/80 6)62/80 master orifice 42psi

Changed engine oil. Oil sample taken for analysis. Serviced oil with 8 qts of Aeroshell 15W-50. Installed new oil filter p/n AA8108-2.

Routine oil sample taken for analysis

Air filter recharged per Tornado Alley Turbo Service Instruction TAT SI08-05 rev. A. Inspected fuel inlet filter.

Installed wear sleeve on both turbo charger support rods p/n 22-6200048
Fuel nozzles cleaned and inspected. Installed with new O-rings p/n 630979-9.
Installed new PRV chafe protection p/n 22-6100025.
Inspected magneto filter TATI p/n 04-6700015. Next due at flight: 1166.0
Installed new v-band clamps TATI p/n 11-1100023. Next due at flight: 1580.4 10. 11. 12.

Installed new slave wastegate p/n ETI-G3-20-28 and gaskets p/n FG0120830.

Accomplished 100 hour inspection per TAT ICA manual 22-6460004 rev. A.

Performed TAT Turbo ICA manual functional inspection of fuel injection system.

Performed post maintenance engine run-up and leak check. No leaks noted. Operational checks good.

All AD's complied with to this date

Service Rulleting

1. Accomplished Tornado Alley Turbo service bulletin TAT SB09-01. Inspected exhaust manifolds for cracks. None found. Next due at flight: 1180.4

2. Accomplished Tornado Alley Turbo service bulletin TAT SB10-01 Inspected alternate air door hinge and hinge pin. Next due: 5/2016

Accomplished Tornado Alley Turbo service bulletin TAT SB08-02. Anti-chafe patch on PRV/Y tube.

4. Accomplished Tornado Alley Turbo service instruction TAT SI08-01rev. A. Cleaned and inspected crankcase breather discharge tube. Next due at flight: 1180.4

Accomplished Tornado Alley Turbo service bulletin TAT SI11-01. Exhaust system cleaning, inspection and lubrication.
 Accomplished Tornado Alley Turbo service bulletin TAT SI11-03. Anti chafe tubes on support rods.

I certify that this engine has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA

AIRCRAFT REG. N141EC

MFG: TCM

MODEL: 10-550-N

WORK PACKAGE: P5505

TACH TIME: 1157.7 (FT)

DATE: 7/5/15

SERIAL: 690894

TOTAL TIME:

HOUR METER: 1267.6

TSMOH-

Installed NEW Sky-Tec Starter p/n C24ST5 S/N 4C271506 Ops Checked Good ,(removed Sky-Tec starter Model C24ST5, sn: 4C5-101124)

The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Nederal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work package no. P5505

Signed:

Eddie S. Taylor

for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341

Page 1 of 1

	FAA - PMA		
Date Brought Forw	This tag certifies that Sky-Tec Model No. <u>C2</u> Serial No. <u>4C5-271506</u> was manufact by Sky-Tec under the authority of FAA-PMA No. <u>6</u> in accordance with FAA-Approved Quality System (14CFR Part 21 This article has been determined to be airworth For installation eligibility see www.skytecair.com/stalled on N	o, PQ0852SW Sky-Tec's , Subpart K). ly.	nd Maintenance Record orthiness Directives, Special Inspections etins
	Form CC1108-1		
7	AIRCRAF	TREG N141EC	DATE: 7/5/15
		MFG: TCM	WORK PACKAGE P5505
		IODEL: 10-550-N	TACH TIME: 1157.7(FT)
		ERIAL: 690894 METER: 1267.6	TSMOH:
	24ST5, sn: 4C5-101124)		
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CUIT	e aircraft, airframe, engine, propeller or applia rent regulations of the Federal Aviation Admi repair are on file at this repair station under	nistration and is approved for	aired and inspected in accordance with return to service. Pertinent details of
		_ Eddie S. Taylor	
for	Epps Air Service, Inc., ESMR688D, 1 Avia	tion Way, Atlanta, GA 30341	Page 1 of 1
	4510 Airport Ro	d. 45226	80



(513) 321-1200



N141EC S/N 2556 Date: 9/10/2015 Engine S/N 690894 Hobbs: 1286.7 Flight: 1172.6

Installed new #6 egt sensor p/n 16579-002. Set magneto timing. Run-up checks good.

Greg Herrmann 406901563IA





4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



N141EC S/N 2556 Date: 10/8/2015 Engine S/N 690894 Hobbs: 1302.6 Flight: 1184.7

Changed engine oil. Serviced oil with 8 qts. of 15w-50wt Aeroshell. Installed new oil filter pn# AA48108-2. Cut open old filter and inspected for metal debris. None found. Routine oil sample taken for analysis. Run-up checks good. No leaks noted.

Greg Herrmann 406901563IA







Engine Flight: 1212.7 TSN: 1212.7 N141EC ENG. S/N:690894 **Date**: 11/20/2015

Removed magnetos for 500 hour inspection.

Reinstalled magnetos after 500 hour inspection by Professional Aircraft Accessories CRS No. P05R554Y under W.O 58556 (see 8130-3). 2.

Left magneto serial number D2011213 and right serial number D3021513. Performed post maintenance engine run-up and leak check. No leaks noted. Operational checks good.

Greg Herrmann 406901563IA



4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



N141EC S/N 2556 Date: 12/15/2015 Engine S/N 690894 Hobbs: 1354.3 Flight: 1232.8

Changed engine oil. Serviced oil with 8 qts. of 15w-50wt Aeroshell. Installed new oil filter pn# AA48108-2. Cut open old filter and inspected for metal debris. None found. Routine oil sample taken for analysis. Run-up checks good. No leaks noted.

Greg Herrmann 406901563IA



4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



S/N 2556 Date: 3/10/2016 Engine S/N 690894 Hobbs: 1397.1 Flight: 1275.1

Changed engine oil. Serviced oil with 8 qts. of 15w-50wt Aeroshell. Installed new oil filter pn# AA48108-2. Cut open old filter and inspected for metal debris. None found. Routine oil sample taken for analysis. Run-up checks good. No leaks noted.

Greg Herrmann 406901563IA





4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



Engine Flight: 1277.0 TSN: 1277.0 N141EC ENG. S/N:690894 **Date:** 3/22/2016

Installed right magneto after repair by Professional Aircraft Accessories CRS No. P05R554Y under W.O 59151 (see 8130-3).

Installed new #2,#4 and #6 exhaust gaskets p/n 652458.

Performed post maintenance engine run-up and leak check. No leaks noted. Operational checks good.

Greg Herrmann 406901563IA

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N141EC ENG. S/N: 690894 Date: 5/31/2016 Engine Flight: 1293.2 TSN: 1293.2 Inspected engine I/A/W an Annual inspection per Cirrus SR22 AMM rev. B4 Chapter 5-20.

The following work was accomplished at this time:

Installed 6 overhauled cylinder assemblies p/n 655932.

Installed 6 overhaulted cylinder absultation of the State of Aeroshell Oil 100. Changed engine oil. Oil sample taken for analysis. Serviced oil with 8 qts of Aeroshell Oil 100.

Installed new oil filter p/n AA8108-2. Routine oil sample taken for analysis.

Broug

Air filter recharged per Tornado Alley Turbo Service Instruction TAT SI08-05 rev. A. Inspected fuel inlet filter. Installed wear sleeve on both turbo charger support rods p/n 22-6200048

Fuel nozzles cleaned and inspected. Installed with new O-rings p/n 630979-9.

Installed new #2 fuel nozzle p/n TITG-550-19B-E

Installed new left turbo heat shields p/n ETI-G3-20-25 and ETI-20-31.

Installed new left turbo neat snields p/n E11-U3-2U-23 and E11-2U-31.

Installed new right turbo large heat shield p/n ETI-G3-20-28.

Accomplished 100 hour inspection per TAT ICA manual 22-6460004 rev. A.

Performed TAT Turbo ICA manual functional inspection of fuel injection system.

Performed post maintenance engine run-up and leak check. No leaks noted. Operational checks good. 13.

Airworthiness Directives

All AD's complied with to this date

Service Bulletins

1. Accomplished Tornado Alley Turbo service bulletin TAT SB09-01. Inspected exhaust manifolds for cracks. None found. Next due at flight: 1343.2

2. Accomplished Tornado Alley Turbo service bulletin TAT SB10-01 Inspected alternate air door hinge and hinge pin.

Next due: 5/2017

3. Accomplished Tornado Alley Turbo service instruction TAT SI08-01rev. A. Cleaned and inspected crankcase breather discharge tube. Next due at flight: 1343.2

5. Accomplished Tornado Alley Turbo service bulletin TAT SI11-01. Exhaust system cleaning, inspection and lubrication.

I certify that this engine has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA



4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



N141EC S/N 2556 Date: 7/22/2016 Engine S/N 690894 Hobbs: 1439.5 Flight: 1318.1

Changed engine oil. Serviced oil with 8 qts. of 15w-50wt Aeroshell.

12 ounces of Cam-Guard added. 2.

Installed new oil filter p/n AA48108-2. Cut open old filter and inspected for metal debris. None found.

Routine oil sample taken for analysis. 4.

Run-up checks good. No leaks noted.

Greg Herrmann 406901563IA





4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



N141EC S/N 2556 Date: 10/4/2016 Engine S/N 690894 Hobbs: 1469.1 Flight: 1347.7

1. Changed engine oil. Serviced oil with 8 qts. of 15w-50wt Aeroshell.

2. 12 ounces of Cam-Guard added.

3. Installed new oil filter p/n AA48108-2. Cut open old filter and inspected for metal debris. None found.

Routine oil sample taken for analysis.

Run-up checks good. No leaks noted.

Greg Herrmann 406901563IA

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





N141EC S/N 2556 Date: 3/3/2017 Engine S/N 690894 Hobbs: 1512.3 Flight: 1390.8

Changed engine oil.

Serviced oil with 8 qts. of 15w-50wt Aeroshell.

Installed new oil filter pn# AA48108-2. Cut open old filter and inspected for metal debris. None found.

Routine oil sample taken for analysis.

Run-up checks good. No leaks noted.

Greg Herrmann 406901563IA



4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



N141EC ENG. S/N: 690894 Date: 6/9/2017 Engine Flight: 1417.5 TSN: 1417.5 Inspected engine I/A/W an Annual inspection per Cirrus SR22 AMM rev. B4 Chapter 5-20.

The following work was accomplished at this time:
Compressions: 1)76/80 2)70/80 3)74/80 4)72/80 5)62/80 6)72/80 master orifice 42psi.

Changed engine oil. Oil sample taken for analysis. Serviced oil with 8 qts of Aeroshell 15W-50. Serviced oil with 12 ounces CamGuard.

Installed new oil filter p/n AA8108-2.

Routine oil sample taken for analysis.

Air filter recharged per Tornado Alley Turbo Service Instruction TAT SI08-05 rev. A.

Inspected fuel inlet filter.

Installed one new spark plug p/n URHB32E.

Fuel nozzles cleaned and inspected. Installed with new O-rings p/n 630979-9.

Installed new turbo lower support brackets p/n22-6250006. Spring p/n LCo85H03S, and bolt p/n MS20005-25. Installed new right turbo large heat shield p/n ETI-G3-20-28. 10.

12. Accomplished 100 hour inspection per TAT ICA manual 22-6460004 rev. A.

13.

Performed TAT Turbo ICA manual functional inspection of fuel injection system.

Performed post maintenance engine run-up and leak check. No leaks noted. Operational checks good.

Airworthiness Directives

All AD's complied with to this date

Service Bulletins

1. Accomplished Tornado Alley Turbo service bulletin TAT SB09-01. Inspected exhaust manifolds for cracks. None found. Next due at flight: 1467.5

2. Accomplished Tornado Alley Turbo service bulletin TAT SB10-01 Inspected alternate air door hinge and hinge pin.

Next due: 6/2018 3. Accomplished Tornado Alley Turbo service instruction TAT SI08-01rev. A. Cleaned and inspected crankcase breather discharge tube. Next due at flight: 1467.5

5. Accomplished Tornado Alley Turbo service bulletin TAT SI11-01. Exhaust system cleaning, inspection and lubrication.

I certify that this engine has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA





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N141EC S/N 2556 Date: 10/3/2017 Engine S/N 690894 Hobbs: 1556.2 Flight: 1434.8

Changed engine oil.

Serviced oil with 8 qts. of 15w-50wt Aeroshell.

Installed new oil filter pn# AA48108-2. Cut open old filter and inspected for metal debris. None found. Routine oil sample taken for analysis.

Run-up checks good. No leaks noted.

Greg Herrmann 406901563IA

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4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



Date: 11/10/2017 Engine Flight: 1585.9 TSN: 1585.9 N141EC ENG. S/N:690894

Adjust magneto timing to 21.5 degrees per tornado alley ICA.

Performed post maintenance engine run-up and leak check. No leaks noted. Operational checks good.

Greg Herrmann 406901563IA





4510 Airport Rd. Cincinnati OH 45226 Cincinnati OH 4 (513) 321-1200



N141EC S/N 2556 Date: 12/13/2017 Engine S/N 690894 Hobbs: 1593.6 Flight: 1472.1

Changed engine oil.

Serviced oil with 8 qts. of 15w-50wt Aeroshell.

3 Installed new oil filter pn# AA48108-2. Cut open old filter and inspected for metal debris. None found.

Routine oil sample taken for analysis.

Run-up checks good. No leaks noted.

Greg Herrmann 406901563IA





4510 Airport Rd. Cincinnati OH 45226 (513) 321-1200



N141EC ENG. S/N: 690894 Date: 6/1/2018 **Engine** Flight: 1500.4 TSN: 1500.4 Inspected engine I/A/W an Annual inspection per Cirrus SR22 AMM rev. B4 Chapter 5-20. and 100 hour inspection per TAT ICA manual 22-6460004 rev. A.

The following work was accomplished at this time:

Compressions: 1)76/80 2)74/80 3)71/80 4)76/80 5)68/80 6)72/80 master orifice 42psi. Changed engine oil. Oil sample taken for analysis. Serviced oil with 8 qts of Aeroshell 15W-50. Serviced oil with 12 ounces CamGuard.

Installed new oil filter p/n AA8108-2.

Routine oil sample taken for analysis.

Installed new exhaust v-band claps p/n 11-1100023. Next due at Flight: 1950.4 Installed new bottom spark plug heli-coils in cylinder #2, #3 and #6.

Installed new right inboard and left outboard exhaust tailpipe springs p/n 51381-001.

Installed new turbo support rods p/n ETI-G2-600-35 and 36.

10.

Installed both new turbo gaskets p/n 636465.
Installed both new waste gate support bracket bolts p/n MS21250-05020.
Installed new forward turbo support bushings p/n 22-6200023.
Installed new magneto air filter p/n 04-6700015. Next due: 6/2021

12. 13.

14. Installed new left turbo lateral support bracket p/n 22-6280001.

Inspected fuel inlet filter.

16. Installed all new Tornado Alley flexible line.

Performed TAT Turbo ICA manual functional inspection of fuel injection system. 17.

Performed post maintenance engine run-up and leak check. No leaks noted. Operational checks good.

Airworthiness Directives

All AD's complied with to this date

Service Bulletins

Accomplished Tornado Alley Turbo service bulletin TAT SB09-01. Inspected exhaust manifolds for cracks. Next due at flight: 1600.4 Accomplished Tornado Alley Turbo service bulletin TAT SB09-01. Inspected exhaust manifolds for cracks. Next due at flight: 1600.4 Accomplished Tornado Alley Turbo service bulletin TAT SB10-01 Inspected alternate air door hinge and hinge pin. Next due: 6/2019 Accomplished Tornado Alley Turbo service bulletin TAT SB11-04 Turbo oil supply inlet screen inspection. Next due: 6/2019 Accomplished Tornado Alley Turbo service bulletin TAT SB12-02 Check fuel pump for leaks. Next due: 6/2019 Accomplished Tornado Alley Turbo service instruction TAT SI08-01 Irev. A. Cleaned and inspected crankcase breather discharge Next due: 6/2018 Accomplished Tornado Alley Turbo service bulletin TAT SI08-04. Pressure test cabin heater augmentors. Next due: 6/2019 Accomplished Tornado Alley Turbo service bulletin TAT SI08-05 rev. A. Air filter recharge Next Due: 6/2019 Accomplished Tornado Alley Turbo service bulletin TAT SI11-01. Exhaust system cleaning, inspection and lubrication. Next Due: 6/2019 Accomplished Tornado Alley Turbo service bulletin TAT SI11-03. Inspect turbo support rods. Next due: 6/2019 Accomplished Tornado Alley Turbo service bulletin TAT SI11-03. Flexible line replacement. Next due: 6/2028

I certify that this engine has been inspected and repaired in accordance with current regulations of the FAA and is approved for return to service.

Greg Herrmann 406901563IA



wo: wo_284



N141EC Hobbs: 1687.3

Flight: 1565.9

May 22, 2019

Engine · page 1 of 1

1. Inspected this engine I/A/W a 100hour/Annual inspection per 14 CFR 43 Appendix D and Cirrus SR20 AMM rev. B5 Chapter 5-20 Installed (12) P1003 - Washer.

Installed (12).

2. Engine compressions taken. Master orifice: 43, Cylinder #1: 78, #2: 73, #3: 72, #4: 76, #5: 70, #6:71.

2. Engine completed. Drained engine oil. Serviced with (8) 15W50 - Aeroshell. Installed (8) Aeroshell 15w50 - Engine oil.

Oil change sold filter and inspected for metal debris. None found.
 Cut open old filter and inspected for metal debris. None found.

- 4. Cut open oid inches (1) AA48108-2 Oil Filter. Installed (1) aa48108-2 Oil Filter.

 5. Installed (1) AA48108-2 Oil Filter. 5. Installed (1) 1151 - Kit: oil analysis, AOA Installed (1) 1151 - Kit: oil analysis, AOA.

 6. Oil sample taken (1) 1151 - Kit: oil analysis, AOA.
- 6. Oil sample tallow (7) 1751 Kit: oil analys 7. Added 12.8 ounces 08-07097-1 camguard. Installed (1) 08-07097-1 camguard.

8. Post maintenance run up and leak checks good.

- 9. Secured RH turbo oil supply line above waste gate away from waste gate.
- 10. Secured #3 EGT probe away from turbo support bolt.
- 11. Rerouted alt 1 ground cable away from positive terminal.
- 11. Removed, cleaned, inspected, and reinstalled fuel injectors IAW AMM 73-00 Installed (2) 633958-3 Seal, Installed (6) 640612 Washer, Installed (12) SA630979-9 O-ring.
- 13. Re-secured left bank high tension harnesses away from hose clamp.
- 14. Removed damage portion of scat tubing to inlet side of alternate air tube and reattached.
- 15. Saftied LH turbo mount bolts at crankcase.
- 16. Secured oil line from scavenge pump away from oil cooler.
- 17. Installed 10 new spark plugs. Installed (10) URHB32E Spark Plug.
- 18. Installed new waist gate retaining clip Installed (1) AA55488-2 pin.

With respect to the work performed, this engine is approved for return to service. Details of work performed are on file with Flightlogix under work order: wo_284.

Greg Herrmann A&P IA 406901563

wo: WO_674



Engine - page 1 of 2

Flightlogix · 4510 Airport Road · Cincinnati, OH 45226 · 513-321-1200

N141EC Hobbs: 1741.2

Continental, IO-55N46, S/N: 690894 Flight: 1619.8

May 28, 2020

- 1. Inspected this engine I/A/W a 100hour/Annual inspection per 14 CFR 43 Appendix D and Cirrus SR20 AMM rev. B5 Chapter 5-20 Installed (12) P1003 - Spark Plug Washer.
- 2. Engine compressions taken. Master orifice:43 , Cylinder #1:72 , #2:70 , #3:61 , #4:68 ,#5:60 , #6:62.
- 3. Oil change completed. Drained engine oil. Serviced with (8) 15W50 Aeroshell.
- 4. Cut open old filter and inspected for metal debris. None found.
- 5. Installed (1) AA48108-2 Oil Filter. Installed (1) AA48108-2 Oil Filter.
- 6. Oil sample taken (1) 1151 Kit: oil analysis, AOA.
- 7. Added 12.8 ounces 08-07097-1 camguard. Installed (1) 08-07096 Camguard.
- 8. Post maintenance run up and leak checks good.
- 9. Removed both magneto PN 10-500556-101 SN D17FA055 and PN 10-500556-101 SN D3021513. Installed magneto PN 10-500556-101 SN D17FA055 in LH position per Cirrus AMM 74-10. Installed new Surefly electric ignition magneto in RH position per Surefly Installation Instruction Documents SF1003 Revision B & SF2001 Revision IR. Removed ignition switch PN 50314-001 and installed new electroair horizontal mount ignition switch per electroair installation manual EA-13000. Installed serviceable RH ignition harness PN 10-423674-25 per Cirrus AMM 74-20.
- 10. Performed TAT SI 08-04 heat augmenter leak check.
- 11. Performed TAT SI 08-05 air filter servicing.
- 12. Performed TAT SI 11-01 exhaust system inspection.
- 13. Performed TAT SI 11-03 support bolt and bushing inspection.
- 14. Performed TAT SI 15-02; turbo shaft in acceptable condition.
- 15. Performed TAT SB 9-01 exhaust manifold inspection.
- 16. Performed TAT SB 10-1 alt air inspection.

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