PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

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



Platinum engine mo Teledyne Continental Motors, Inc.

A Teledyne Technologies Company

Printed: 12/02/2007

Serial No. 691499 was manufactured on 12/01/2007 This engine model I0550N50, 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

	Total Time		me Time Since Last Overhaul		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,	
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins	
5AN 08	5	.5				
				same 1	TYPE CERTIFICATE	
			Annual char		THE FOLLOWING SUPPLEMENTAL TYPE CERTIFICATE NUMBER HAS BEEN INSTALLED ON THIS ENGINE	
					SE10589SC	
				Lucian Co	CDC 55 on 01 /29 /08.	
					CDCon_01/24/03. Cirrus Design Corporation Duluth, MN USA	
					PC# 338CE	
April 1	16 2008				The state of the s	
N770					Erie Municipal Airport	
Flight	Hobbs Tin	ne: 34.1			VECTORAL 395 Airport Drive Aircraft Inspection & Repair Erie, CO 80516	
					oil filter. No contamination found. Serviced with 8qts Aeroshell 15W50 oil and	
2. Per	formed 25	hour ins	ection in	accordance	satisfactory. ce with Cirrus SR22 AMM Chapter 05.	
3. Per	formed cyl	linder com	pression	test #1 74	/80 #2 73/80 #3 76/80 #4 77/80 #5 74/80 #6 75/80.	
					Tester	
					Terrill Shafer IA2860279	
					<u></u>	
			in the same			
	1			A	RAPAHOE AERO	
1/			TROL T	OWER R Contine	OAD ENGLEWOOD, COLORADO 80112 (303) 799-8386	
14		OCT		Contine	Hobbs: 0102.7 Flight Hobbs: 0080.4	
	07 Inn	e 2008		1	110003. 0102.7	
50 Ho	07 Jun	tion con	pleted t	his date u	sing the Cirrus 50 Hour Inspection Items as a guide. Serviced	
50 Hou	07 Junur Inspective With 7 qu	tion con arts She	ll 15W5 ted. Inst	0. Installed	using the Cirrus 50 Hour Inspection Items as a guide. Serviced ed new oil filter. Old filter inspected. No ferrous contaminates haust, ignition leads and breather. No defects noted. Installed new	
50 Hou	07 Junur Inspective With 7 que Oil sample F, probe.	tion com larts She le submit Ground	ll 15W5 ted. Inst	0. Installe sected exi ational an	using the Cirrus 50 Hour Inspection Items as a guide. Serviced ed new oil filter. Old filter inspected. No ferrous contaminates haust, ignition leads and breather. No defects noted. Installed new and leak check satisfactory. END.	
50 Hou	07 Junur Inspective With 7 qu	tion com larts She le submit Ground	ll 15W5 ted. Inst	0. Installe sected exi ational an	using the Cirrus 50 Hour Inspection Items as a guide. Serviced ed new oil filter. Old filter inspected. No ferrous contaminates haust, ignition leads and breather. No defects noted. Installed new	
50 Hou	07 Junur Inspective With 7 que Oil sample F, probe.	tion com larts She le submit Ground	ll 15W5 ted. Inst	0. Installed bected explanted explan	using the Cirrus 50 Hour Inspection Items as a guide. Serviced ed new oil filter. Old filter inspected. No ferrous contaminates haust, ignition leads and breather. No defects noted. Installed new and leak check satisfactory. END. hn Wells A&P3221132 w/o 26572 / 26573	
50 Hou engine noted.	07 Jun Ir Inspect with 7 qu Oil sampl Γ probe.	etion com narts She le submit Ground i	II 15W5 ted. Insp run opera	0. Installed bected explanational and L. Jol	using the Cirrus 50 Hour Inspection Items as a guide. Serviced ed new oil filter. Old filter inspected. No ferrous contaminates haust, ignition leads and breather. No defects noted. Installed new and leak check satisfactory. END. In Wells A&P3221132 W/o 26572 / 26573 I PAHOE AERO AD ENGLEWOOD, COLORADO 80112 (303) 799-8386	
50 Hou engine noted. #2 EGT	07 Junur Inspectivity 7 que Oil sample probe.	etion comparts She le submit Ground 1 CONTRO	II 15W5 ted. Insprun opera	0. Installed extended	sing the Cirrus 50 Hour Inspection Items as a guide. Serviced ed new oil filter. Old filter inspected. No ferrous contaminates haust, ignition leads and breather. No defects noted. Installed new ad leak check satisfactory. END. http://doi.org/10.1007/php.2007/php.	
50 Hou engine noted. #2 EG7	o7 Junir Inspectivity 7 quickly 10 probe.	etion comparts She le submit Ground 1	old TOW	0. Installed pected extended and artificial and L. Jol ARA VER ROASR2	sing the Cirrus 50 Hour Inspection Items as a guide. Serviced ed new oil filter. Old filter inspected. No ferrous contaminates haust, ignition leads and breather. No defects noted. Installed new and leak check satisfactory. END. In Wells A&P3221132 W/o 26572 / 26573 I PAHOE AERO AD ENGLEWOOD, COLORADO 80112 (303) 799-8386 22 S/N: 2927 Aircraft Total Time: 131.1 Hobbs: 165.8	
50 Hou engine noted. #2 EG. 1276 N770 8 Septer 100 Hou	o7 Jun Ir Inspect with 7 qu Oil sampl I probe. O EAST O OCT mber 200 Ir Inspect	ction comparts She le submit Ground 1 CONTRO Cirr 8 ion comp	DL TOW us Flight H	O. Installed pected extended and L. John L. John ARA VER ROASR2 Tobbs: 13	sing the Cirrus 50 Hour Inspection Items as a guide. Serviced ed new oil filter. Old filter inspected. No ferrous contaminates haust, ignition leads and breather. No defects noted. Installed new ad leak check satisfactory. END. In Wells A&P3221132 W/o 26572 / 26573 APAHOE AERO AD ENGLEWOOD, COLORADO 80112 (303) 799-8386 22 S/N: 2927 Aircraft Total Time: 131.1 31.1 Hobbs: 165.8 ing the Cirrus inspection program form as a guide. Completed goat apint on the right wing leading edge as required. Installed a	
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1276 N770 8 Septer 100 Hou 100 hou new pi9 Adjusted	o7 Juniar Inspective Color Inspective Co	ction comparts She le submit Ground in CONTRO Cirr 88 ion compitems. In im placar its door le	OL TOW us Flight Holeted the stalled n d. Tight	O. Installed bected extended and L. John ARA VER ROA SR2 Tobbs: 13 Tob Ara de la company se	sing the Cirrus 50 Hour Inspection Items as a guide. Serviced ed new oil filter. Old filter inspected. No ferrous contaminates thaust, ignition leads and breather. No defects noted. Installed new ad leak check satisfactory. END. In Wells A&P3221132 INPAHOE AERO AD ENGLEWOOD, COLORADO 80112 (303) 799-8386 22 S/N: 2927 Aircraft Total Time: 131.1 31.1 Hobbs: 165.8 ing the Cirrus inspection program form as a guide. Completed coat apint on the right wing leading edge as required. Installed a dware for the pilot sun visor. Serviced the oxygen system. Installed an exchange stromscope processor P/N: 12745-050S, and new tape on the left wing lower fairing at the fuselage as the lower cowling as required.	
1276 N770 8 Septer 100 Hou 100 hou new pi9 Adjusted	o7 Juniar Inspective Color Inspective Co	ction comparts She le submit Ground in CONTRO Cirr 88 ion compitems. In im placar its door le	OL TOW us Flight Holeted the stalled n d. Tight	O. Installed bected extended and L. John ARA VER ROA SR2 Tobbs: 13 Tob Ara de la company se	sing the Cirrus 50 Hour Inspection Items as a guide. Serviced ed new oil filter. Old filter inspected. No ferrous contaminates haust, ignition leads and breather. No defects noted. Installed new oil leak check satisfactory. END. In Wells A&P3221132 APAHOE AERO AD ENGLEWOOD, COLORADO 80112 (303) 799-8386 22 S/N: 2927 Aircraft Total Time: 131.1 31.1 Hobbs: 165.8 ing the Cirrus inspection program form as a guide. Completed coat apint on the right wing leading edge as required. Installed a diware for the pilot sun visor. Serviced the oxygen system. Installed an exchange stromscope processor P/N: 12745-050S,	
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1276 N770 8 Septer 100 Hou 100 hou new pi9 Adjusted	o7 Juniar Inspective Market 1900 CT Inspection of the Inspection o	ction comparts She le submit Ground in CONTRO Cirr 88 ion compitems. In im placar its door le	OL TOW us Flight Holeted the stalled n d. Tight	O. Installed bected extended and L. John ARA VER ROA SR2 Tobbs: 13 Tob Ara de la company se	sing the Cirrus 50 Hour Inspection Items as a guide. Serviced ed new oil filter. Old filter inspected. No ferrous contaminates thaust, ignition leads and breather. No defects noted. Installed new ad leak check satisfactory. END. IN Wells A&P3221132 INPAHOE AERO AD ENGLEWOOD, COLORADO 80112 (303) 799-8386 22 S/N: 2927 Aircraft Total Time: 131.1 31.1 Hobbs: 165.8 ing the Cirrus inspection program form as a guide. Completed coat apint on the right wing leading edge as required. Installed a dware for the pilot sun visor. Serviced the oxygen system. Installed an exchange stromscope processor P/N: 12745-050S, and new tape on the left wing lower fairing at the fuselage as the lower cowling as required.	

Date	Total Ti	me		Since verhaul	Engine Service and Maintenance Recor Installations, Inspections, Airworthiness Directives, Special Inspection			
Web see	Hrs. Min.		1in. Hrs. N		Modifications and Service Bulletins			
Brought Forward		▶						
				ARA	PAHOE AERO			
12760	EAST CO	NTRO	OL TOW	ER ROA	D ENGLEWOOD, COLORADO 80112 (303) 799-8386			
N770	CT	Cont	inental	IO-	550-N S/N: 691499 Engine Total Time: 183.4			
8 Novemb	ber 2008	I come	light Ho	bbs: 183	3.4 Hobbs: 229.0 ing the Cirrus 50 hour inspection form as a guide. Changed			
engine oil	and filter	(Shell	15W50	. Cut oil	filter open and inspected, no contaminates noted. Inspected			
engine ex	haust, ignit	ion le	ads and	preather,	no defects noted. Adjusted the idle mixture ½ turn lean. Engine			
	d leak chec			-	WO 27263 Scott L. Utz A&P523021803			
	and the second of	14.30 - 14.10 N	State of the state of the	programma above of the				
1000				A	RAPAHOE AERO			
127	60 FAST (CONT	TROI TO	WFR RO	OAD ENGLEWOOD, COLORADO 80112 (303) 799-8386			
12/	N770		ROD TO	Contine	ntal IO-550-N(52) S/N: 691499			
	14 N	March	1 2009		Flight Hobbs: 248.7 Hobbs: 298.1			
100 Hot	ır Inspecti	on fo	r Annua	complet	ted this date using the Cirrus SR22 Maintenance Manual			
Inspection	on Form an	id the	Tornado	Alley Tu	rbo, Inc, Scheduled Maintenance Check List as a guide. 3) 65/80, #4) 74/80, #5) 70/80, #6) 75/80. Changed engine oil			
and filte	r (Aeroshe	#1) /	W-50). (12/80, #3	er open and inspected, no ferrous contaminates noted. Cleaned,			
gapped,	tested, and	rotate	ed spark	plugs. Ch	ecked timing of magnetos to engine. Adjusted left magneto to			
engine t	iming. Insta	alled 1	new left l	and inter	rcooler baffle P/N: M15475-002. Stop-drilled crack in lower left			
					rnator brushes P/N: ALE3045BS. Inspected engine breather and			
					eft tailpipe. Cleaned affected area and affixed one sump heat pad operational check satisfactory. Installed new left forward heat			
					neat shield, no further contact with engine mount weldment			
					apply line hose, no further contact with engine mount weldment			
					stegate and installed and adjusted new wastegate P/N: 22- : 652457.Installed and adjusted new wastegate linkage cable			
					ted adjustment of cable system per Tornado Alley Installation			
					ued left and right exhaust tailpipe clamps. Inspected and			
					gine down using solvent. Complied with Challenger induction			
air filter	Continued	Check	orthiness	inspection	on, by cleaning and servicing filter element per Document #4003 engine and propeller controls. Performed fuel system set-up as			
outlined	in TCM SI	D97-	3E. Adju	sted engir	ne idle speed. Post inspection engine ground run-up, operational			
check ar	nd leak chec	ck sati	isfactory.	AD's ch	ecked through Biweekly 2009-05. I CERTIFY THAT THIS			
					ACCORDANCE WITH A 100 HOUR INSPECTION AND			
	Och d		///	IAN All	RWORTHY CONDITION. L. John Wells A&P 3221132 w/o 27623, 27624			
	Jun L		1		W/O Z/OZ3, Z/OZ4			
			** **					
197	760 EVST (רוארר	ית זחמי	A WED DO	RAPAHOE AERO			
127	N7700	CT	NOL 10	Contine:	DAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 ntal IO-550-N(52) S/N: 691499			
The second secon	25 N	March	1 2009	Philosophical and the philosophical	Flight Hobbs: 268.0 Hobbs: 317.5			
Installed	new altern	ator b	rushes P	N: ALE	3045BS. Adjusted mid-range RPM setting as needed and			
installed	10.	. Gro	uno run c	perationa	al check of systems satisfactory. L. John Wells A&P 3221132 w/o 27737			
	1	~~			L. John Wells A&P 3221132 w/o 27737			
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			78					
Marian Table	A Country Day							
- American				10				
Section States and American Conference of the Section			- pr (3)					

Date	Tota	l Time		Since Overhaul	Engine Service and Maintenance Reco	ord
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins	ions,
ught Forward		-	Residence in the	Manager agents	and ocivice bulletins	2.1 2.42
	and the second second	Partie and	A STATE OF THE STA		DADAHOE AEDO	
12	760 EA	ST CON	TROL T	OWER I	ARAPAHOE AERO ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386	
	11//	OCI		Contin	ental IO-550-N(50) S/N: 691499	
50 Hou	04 Ju	ne 2009			Hobbs: 0307.7	-
Secretary of the second	201 1100	d Chigh	WILLI /	ullaris Sn	using the Cirrus Maintenance Interval 50 Hour Inspection Form as ell 15W50. Installed new oil filter. Old filter inspected. No	3
THE STATE OF STREET	ontaini	mates mo	icu. Oli s	samble su	Ibmiffed Inspected exhaust ignition leads and broother No.	
The Spirit Health and with the first	noted. C	i ounu i	un operat	uonai and	leak check satisfactory.	alla-
Service Servic	a c	cul		L. Jo	hn Wells A&P3221132 w/o 27980	1
a Section 1			A southern the second			90
127	60 E A C	TCON	TDOI T	A	RAPAHOE AERO	
12/	N770	CT	I ROL 10	Contine	OAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 ental IO-550-N(50) S/N: 691499	4
	28 Apr	il 2009		TO SEE WAS ASSESSED OF MANAGED AND ADDRESS OF THE PARTY O	Hobbs: 0350.7 Flight Hobbs: 0301.2	
50 Hour	Inspect	tion con	pleted th	nis date u	sing the Cirrus Maintenance Interval 50 Hour Inspection Form as	
a guide.	Sel Alcec	i engine	with / q	uarts She	ell 15W50. Installed new oil filter. Old filter inspected. No omitted. Inspected exhaust, ignition leads and breather. No	3
defects III	oteu. Ap	opnea K	I V to to	rward left	t side of induction air crossover duct to prevent chafing on	
_ cowning.	installe	d new So	ceet tubii	ng on righ	nt heat exchanger. Stop-drilled cracks in left side haffle	
rabilicate	a aoubi	er and ir	istalled o	ver one c	crack in spinner baffle. Installed new cabin air inlet insulation leak check satisfactory.	9. 0. Table
100	ille	<i>M</i>	пореган	L. Joh	n Wells A&P3221132 w/o 27848	
					W10 27040	
					The state of the s	1
12	760 FA	ST CO	ATROI '	TOWER	ARAPAHOE AERO ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386	-
	N770	CT	(IROL	Continen	tal IO-550-N(52) S/N: 691499	-
100 77		uly 2009			Hobbs: 448.9 Flight Hobbs: 399.4	-
Tornad	our Insp o Alley	Dection (complete Inc. Sche	d this dat	te using the Cirrus Maintenance Interval Inspection Form and the aintenance Check List as a guide. Compression test: #1) 64/80, #2)	
70/80, #	#3) 68/8	30, #4) 7	0/80, #5	66/80, #	6) 68/80. Installed new #5 cylinder exhaust rocker cover gasket	
P/N: 65	5705. C	Changed	engine o	oil and filt	ter (Aeroshell 15W-50). Cut oil filter open and inspected, no	
to engir	contam	inates no	oted. Cle	aned, gap	oped, tested, and rotated spark plugs. Checked timing of magnetos ction nozzles. Cleaned affected area, applied new Reiff epoxy and	
					agine oil pan, operational check satisfactory. Visually inspected	
engine r	nount v	veldmen	t and che	ecked vib	ration isolator mounts and firewall mounting bolt torque. Torqued	Anni Taran
					aust heat shield. Complied with Challenger induction air filter	
					cleaning and servicing filter element per Document #4003 dated ottle, mixture and propeller controls. Complied with Continental	P = 1
					adjusting low end fuel pressure, idle mixture and idle speed, and	-
					in (SID). Post inspection engine ground run-up, operational	
					checked through Biweekly 2009-15. I CERTIFY THAT THIS ACCORDANCE WITH A 100 HOUR INSPECTION AND	5.7
					IRWORTHY CONDITION.	
	Juli	cul	//		L. John Wells A&P 3221132 w/o 28040	2.5
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and the same and the same		and the second				

Approving National Aviation 2. Authority / Country:	AUTHORIZED RELEASE FAA FORM 8130-3, AIRWORTHINE	CERTIFICATE 235	dig Number: 3 1 1 6 0	ctives, Special Inspection
FAA/UNITED STATES	Company	-	907715	Clives, opening
Organization Name Cessna Ai	ircraft Company tribution Dept. 7 Wichita, KS 672	02	V	2
Cessna Parts Dis		10 Quantity: 11 Serial/Batch Number		The second secon
tem 7 Description: 8 Part No	umber:	12 N/A	New	(03) 799-8386
CASKET 6524	58 N/A	and the second s		(03) /99-8500
3. Remarks	DARTE TUIS FO	RM IS NOT AN EXPORT	APPROVAL.	691499
AIRWORTHINESS APPROV	AL - PARIS. INIS 10	RM IS NOT AN EXPORT		bs: 0427.9 35. Unit installed
			at the state of th	led factory new
		PO# INV-26189	and to block 13	satisfactory.
14. Certifies the items identified above were manu	factured in conformity to 19. 14 C	FR 43.9 Return to Service Other reg	ilation specified in block 13	/o 28222
Approved design data and are in a condit	con for safe operation. Cert Bloc Title	FR 43.9 Return to Service Universely the translation of translation	d in respect to that work,	4:/0 28222
Non-approved design data specified in Bir	16. Approval/Authorization No.	20. Authorized Signature:	21. Approval/Certificate No.:	d.
15. Authorized Signature:				
Kende Wyerelik.	100129CE	22. Name (Typed or Printed):	23. Date (m/d/y):	A street of the
17. Name (Typed or Printed):	18, Date (m/d/y):	CONTRACTOR IN CONTRACTOR AND ADDRESS OF THE PARTY OF THE		3) 799-8386
	SR., ODARF MAR/06/200		at (assembly	ne: 454.9
It is important to understand that the existence	to the date not sutomatical	by constitute authority to tristall the party	ess authority of the country	He. 434.2
				ection Form and
	titute installation certification. In all cases, aircra the user/installer before the aircraft may be flow		NSN: 0052-00-012-9005	± : #1) 70/80, #2)
FAA Form 8130-3 (6-01) Instal	ller must cross-check eligibility with applicable to	echnical data.	NSN: 0032-00-012 3000	1 15W-50). Cut
the same of the sa	The state of the s	And the second of the second second	Account to the second	otated spark
				P/N: 1396-2.
		1 - TY 1 1 754 0	Installed and sec	ured new aft right
ext replacement due	September 2012 or	Flight Hobbs: 754.9 cent to oil sump. Clea	ned and resealed o	il cooler reducer
igine fuel drain line,	P/N: 13913-002 auja		and torqued hose	assemblies, no further
grays 4 cold (polytop), gard § 85.	d and reinstalled	Itting and remain	STREET, STREET	1:ilability of
ishing fitting, reseale	-atch rongir to cahin	heat box on forward:	side of firewall per	nding availability of
ishing fitting, reseale akage noted. Applied	patch repair to caom	nout bon on Instrum	tion No TAT SIO	8-01 by inspecting and
ishing fitting, reseale akage noted. Applied w part. Complied w	ith Tornado Alley T	urbo Service Instruc	tion No. TAT SIO	8-01 by inspecting and vice Instruction. Next
ashing fitting, reseate akage noted. Applied ew part. Complied w eaning of crankcase	ith Tornado Alley T breather discharge tu	urbo Service Instruction be for coking deposits	tion No. TAT SIO as outlined in Ser	8-01 by inspecting and vice Instruction. Next
ashing fitting, reseale akage noted. Applied we part. Complied we eaning of crankcase aspection due at Flig	ith Tornado Alley T breather discharge tu th Hobbs: 505.9 or 1	urbo Service Instructor for coking deposits next oil change. Com	tion No. TAT SIO as outlined in Ser plied with Tornad	8-01 by inspecting and vice Instruction. Next lo Alley Turbo lond turbo mounting.
ushing fitting, reseale akage noted. Applied we part. Complied we eaning of crankcase aspection due at Fligervice Bulletin No. 7	ith Tornado Alley T breather discharge tu tht Hobbs: 505.9 or 1 FAT SB09-01 by insp	urbo Service Instruction be for coking deposits next oil change. Compecting exhaust manife	tion No. TAT SIO as outlined in Ser plied with Tornad olds for cracks arou	8-01 by inspecting and vice Instruction. Next lo Alley Turbo and turbo mounting.
ushing fitting, reseate akage noted. Applied we part. Complied we eaning of crankcase aspection due at Fligervice Bulletin No. Tanges, no defects not	ith Tornado Alley T breather discharge tu tht Hobbs: 505.9 or 1 FAT SB09-01 by inspection	urbo Service Instruction of the for coking deposits next oil change. Compecting exhaust manifedue at Flight Hobbs:	tion No. TAT SIO as outlined in Ser plied with Tornad olds for cracks arou 504.9 or next oil	8-01 by inspecting and vice Instruction. Next lo Alley Turbo and turbo mounting. change. Torqued #2) system. Washed engine
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Turned max RPM screw on propeller governor out 1.5 turns and resafetied, operations check good. Turned rod-end out 1 turn and resafetied, operations check good. Adjusted high end fuel flow as needed, operations

22 October 2009

N770CT

Continental

L. John Wells A&P 3221132

S/N: 691499

Scott L. Utz A&P523021803

ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

Hobbs: 525.2

IO-550-N(50)

w/o 28557

Engine Log Entry

w/o 28460

Flight Hobbs: 453.1

Engine Service and Maintenance Record **Time Since Total Time** Installations, Inspections, Airworthiness Directives, Special Inspections, Last Overhaul Modifications and Service Bulletins Min. Hrs. Min. Hrs. ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 S/N: 691499 Continental N770CT Hobbs: 0477.9 Flight Hobbs: 0427.9 13 August 2009 Removed starter adapter, P/N: 642085-1A1. Installed factory new assembly, S/N: 2252235. Unit installed using new Starter, P/N: 657896, S/N: 4C3-260912. Ground run operational and leak checks satisfactory. L. John Wells A&P3221132 w/o 28222

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 Total Time: 454.9 N770CT IO-550-N(50) S/N: 691499 Continental

Flight Hobbs: 454.9

17 September 2009 Hobbs Meter: 570.2 100 Hour Inspection completed this date using the Cirrus SR22 Maintenance Interval Inspection Form and the Tornado Alley Turbo Scheduled Maintenance Check List as a guide. Compression test: #1) 70/80, #2) 72/80, #3) 75/80, #4) 74/80, #5) 70/80, #6) 75/80. Changed engine oil and filter (Aeroshell 15W-50). Cut oil filter open and inspected, no ferrous contaminates noted. Cleaned, gapped, tested, and rotated spark plugs. Checked timing of magnetos to engine. Installed new magneto pressurization filter P/N: 1396-2. Next replacement due September 2012 or Flight Hobbs: 754.9. Installed and secured new aft right engine fuel drain line, P/N: 13913-002 adjacent to oil sump. Cleaned and resealed oil cooler reducer bushing fitting, resealed and reinstalled "T" fitting and reinstalled and torqued hose assemblies, no further leakage noted. Applied patch repair to cabin heat box on forward side of firewall pending availability of new part. Complied with Tornado Alley Turbo Service Instruction No. TAT SI08-01 by inspecting and cleaning of crankcase breather discharge tube for coking deposits as outlined in Service Instruction. Next inspection due at Flight Hobbs: 505.9 or next oil change. Complied with Tornado Alley Turbo Service Bulletin No. TAT SB09-01 by inspecting exhaust manifolds for cracks around turbo mounting. flanges, no defects noted. Next inspection due at Flight Hobbs: 504.9 or next oil change. Torqued #2) and #4) cylinder exhaust heat shield clamps. Inspected and pressure tested exhaust system. Washed engine down using solvent. Fabricated and installed surface doubler to forward right baffle below aft section of induction air filter cover. Complied with Challenger induction air filter Continued Airworthiness inspection, by cleaning and servicing filter element per Document #4003 dated 03-09-2004. Checked and lubricated throttle and propeller controls. Post inspection engine ground run-up, operational check and leak check good. AD's checked through Biweekly 2009-19. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 AND 200 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

Greg Sickafoose A&P 521652584

w/o 28387

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 Continental

IO-550-N 29 September 2009 Flight Hobbs: 454.9

S/N: 961499 Total Time: 454.9

Hobbs: 510.9

Removed the left turbocharger P/N: 466304-0003, S/N: KIL01420 and reinstalled after repair by Main Turbo System CRS MAMR190K, w/o 40314. Installed new left and right turbocharger to tail pipe clamps do to life limit (450 hours). Pre-oiled turbocharger, ground run up, leak check and operational check good. Scott L. Utz A&P523021803 w/o 28460

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386

N770CT 22 October 2009

N770CT

S/N: 691499

Hobbs: 525.2

Engine Log Entry

Turned max RPM screw on propeller governor out 1.5 turns and resafetied, operations check good. Turned rod-end out 1 turn and resafetied, operations check good. Adjusted high end fuel flow as needed, operations

L. John Wells A&P 3221132

w/o 28557

Date **Total Time** Engine Service and Maintenance Record Time Since Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections, Hrs Min. Hrs. Min. Modifications and Service Bulletins **Brought Forward** 12760 EAST CONTROL N770CT Š 1. Approving National Aviation Contine **AUTHORIZED RELEASE CERTIFICATE** 5 April 2010 FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG 2669891 Flight Ho **FAA/UNITED STATES** 100 Hour Inspection for An Inspection Form and the Torn Cessna Aircraft Company (PC4)
Cessna Parts Distribution Dept. 702 쭜 996633 Compression test: #1) 76/80, 5800 E Pawnee, Wichita, KS 67218 and filter (Aeroshell 15W-50 8 Installed (12) new Champion N/A New 12 15 PLUG SPARK RHB32E resealed fuel injection nozzles AIRWORTHINESS APPROVAL - PARTS. THIS FORM IS NOT AN EXPORT APPROVAL. alternator brushes P/N: ALEI K TAT SI08-04 (Cabin Heat A exchangers as outlined in Service PO# INV-27757 Complied with Tornado Alle 9. 14 CFR 43.9 Return to Service Other regul Discharge Tube) by inspecting Service Instruction. Next ins Tornado Alley Turbo Servid 15. Authorized Signature: exhaust manifolds for cracks a Kende Wyerchi de. ODA-100129-CE Hobbs: 539.0 or next oil char 23. Date (m 17. Name (Typed or Printed): 18. Date (m/d/y): turbocharger support brace. C KENNETH E. WYSOCKI SR. MAR/02/2010 (Supplemental Tailpipe Han User / Installer Responsibilities It is important to understand that the existence of this document alone de It is important to understand that the existence of this document alone does not automatically com-Where the user/installer performs work in accordance with the national regulations of an airworth specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness author authority of the country specified in Block 1 Statements in Blocks 14 and 19 do not constitute installation certification. In all cases, aircraft ma accordance with the national regulations by the user/installer before the aircraft may be flown. outlined in Service Bulletin. I solvent. Fabricated and install Alley Turbo Service Bulletin * Installer must cross-check eligibility with applicable technical data FAA Form 8130-3 (6-01) inspecting hinge pin ends on a hinge pin as outlined in Service Service Instruction 18627. Ch engine idle speed. Installed new left and right lower cowling aft seals P/N: 50640-045U. Adjusted engine manifold pressure. Superior Air Parts AD 2009-16-03 (Cylinder Head Separation) effective 09-09-2009, does not apply by engine model number. Continental AD 2009-19-07 C2 (Cylinder Head Cracks) effective 10-07-2009, N/A by engine model. Continental AD 2009-24-52 E (Hydraulic Lifter Rapid Wear) effective 11-18-2009, supersedes AD 2009-24-51, N/A by maintenance history. AD's checked through Biweekly 2010-07. Post inspection engine ground run-up, operational check and leak check good. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DEPERMINED TO BE IN AN AIRWORTHY CONDITION. Scott S. Fisher A&P 3290363 w/o 29055

Date	Tota	I Time	Time Last C	Since Overhaul	Engine Service and Maintenance R Installations, Inspections, Airworthiness Directives, Special Installations and Service Bulletins
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
Brought Forward		-		to the second	
	No.				TOTAL AND O
N77 5 April 20 100 Hour Inspection Compression and filter (A Installed (1 resealed fue alternator b TAT S108- exchangers Complied v Discharge Service Inst Tornado A exhaust ma Hobbs: 539 turbocharge (Suppleme outlined in solvent. Fa Alley Turb inspecting h hinge pin as Service Inst engine idle manifold pri 2009, does r effective 10 Wear) effect through Biw I CERTIFY	OCT 10 Inspect Form are on test: Aerosho 2) new el inject rushes l 04 (Cal as outlined the control of the control Iley Tu nifolds in the control Service bricated to Service to the control speed I the contro	Con Flight ion for Ind the T #1) 76/ ell 15W- Champi ion noz: P/N: AL bin Hea ined in S rnado A by inspect Next i rbo Ser for crack ext oil c ort brace. ilpipe H Bulletin I and insi ce Bulle I and inser Ce Bulle I and inser I ser I se	tinental Hobbs: Annual c ornado A 80, #2) 71 -50). Cut on RHB3 cles. Leak E1013AS t Augmen dervice Ins lley Turb cting cranl nspection vice Bullet as around in hange. To Complie angers) b Inspecte alled indu tin No. To alternate vice Bullet Checked a new left a r Air Parti ine model by engine in supersedd Post inspe	VER ROA 10-5 489.0 ompleted lley Turbo 1/80, #3) 7 oil filter of 2E spark poor checked 2. Complianter/Tailpostruction, poor services 2. Complianter/Tailpostruction, poor services 3. Complianter/Tailpostruction 3. Complianter/Tailpostr	APAHOE AERO AD ENGLEWOOD, COLORADO 80112 (303) 799-8386 (550-N(50)) S/N: 691499 Total Time: 489.0 Flight Hobbs: 567.0 this date using the Cirrus SR22 Maintenance Manual of Inc., Inc., Scheduled Maintenance Check List as a guide. (3/80, #4) 73/80, #5) 72/80, #6) 72/80. Changed engine oil open and inspected, no ferrous contaminates noted. Open and inspected, no ferrous contaminates noted. Open and inspected iming of magnetos to engine. Cleaned and fuel system. Cleaned away residual oil and installed new ed with Tornado Alley Turbo Service Instruction No. Tornado Alley Turbo Service Instruction No. Tornado Heat inspection due Flight Hobbs: 589.0. Instruction No. TAT SI08-01 (Crankcase Breather ather discharge tube for coking deposits as outlined in light Hobbs: 539.0 or next oil change. Complied with AT SB09-01 (Exhaust Manifold Cracks) by inspecting int flanges, no defects noted. Next inspection due at Flight exhaust heat shield clamps. Realigned and secured left rnado Alley Turbo Service Bulletin No. TAT SB10-02 g new one-piece left and right tailpipe retention brackets as source tested exhaust system. Washed engine down using floor cracks and loose rivets and securing hinge pin by staking tion air filter inspected and cleaned per K&N Air Filter ted throttle, mixture and propeller controls. Adjusted engine 9-16-03 (Cylinder Head Separation) effective 09-09-Continental AD 2009-19-07 C2 (Cylinder Head Cracks) intinental AD 2009-24-52 E (Hydraulic Lifter Rapid 19-24-51, N/A by maintenance history. AD's checked ne ground run-up, operational check and leak check good. NINSPECTED IN ACCORDANCE WITH A 100 NED TO BE IN AN AIRWORTHY CONDITION. Scott S. Fisher A&P 3290363 w/o 29055
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Date	- Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections
	Hrs. Min.	Hrs. Min. M	Installations, Inspections, Airwordiniess Directives, Openia May Installations and Service Bulletins
Brought	Section 1		The state of the s
brought	THE THE GOVE	AR	APAHOE AERO AD ENGLEWOOD, COLORADO 80112 (303) 799-8386 S78. N/50. S/N: 691499 Total Time: 494.1
12	N770CT CONT	ntinental IO-	-550-N(50) S/N: 691499 Total Time: 494.1
8 Apri	Carlo	Hobbs: 404 1	Hobbs Meter: 576.6
100.11	UTUODIZED REI FASE	CERTIFICATE 3. Form 1	the Cirrus SR22 Maintenance Manual ed Maintenance Check List as a guide.
Authorit Country: FA	A FORM 8130-3, AIRWORTHINE	SS APPHOVAL TAG 3	029451
M/UNITED STATES	ft Company (order/Contract/Invoice Number: :ted, no ferrous contaminates noted.
C- n-utc IIICI	rcraft Company (02	nagnetos for 500 hour inspection. Cleaned and 586, breaker points P/N: 10-382584, distributor
5800 F Pawnee	and the second	10. Quantity: 11. Serial/Batch No.	bon brushes, and rotor seals. Cleaned,
8 SFAL 154-0	0300 N/A	15 N/A	New and magnetos, set internal timing and tightened
marke.	A - PARTS. THIS FO	ORM IS NOT AN EXPO	se Coupling) by visual and dimensional nain spring P/N: 10-51324 as outlined in
KWORTHINESS APPROVE			N· 10-400613 and set magneto to engine
		PO# INV-29	bs: 994.1. Checked and lubricated throttle,
ertifies the items identified above were manufact	tured in contornary to:	tion that unless otherwise specified in I	. Washed engine down using solvent. ! Washed engine down using solvent. Lubricated turbocharger waste gates using
Approved design data and are in a condition Non-approved design data specified in Block	13. Blo Title the	ck 12 and described in Block 13 was accessed 14, Code of Federal Regulations, part terms are approved for return to service	at and in respect to that work, eather Discharge Tube) by cleaning coking
Authorized Signature:	16. Approval/Authorization No.	20. Authorized Signature:	in Service Instruction. Next inspection due at
Kende Wyereli de. Iame (Typed or Printed):	ODA-100129-C	E 22. Name (Typed or Printed	ATI SI08-05 (Induction Air Filter) by uction. Next induction air filter serving due
			SB09-01 (Exhaust Manifold Cracks) by
NNETH E. WYSOCKI S	User / Installer Response	onsibilities	flanges, no defects noted. Next inspection due
re the user/installer performs work in according to the user.	finstaller ensures that his/her airworthiness	authority accepts parts/components/assem	holies from the airworthiness -07-00 (Turbline Whiteer Lands)
ements in Blocks 14 and 19 do not constitu- ordance with the national regulations by the	user/installer before the all craft may be no	WT.	t apply by engine serial number and no lifters
Form 8130-3 (6-01) Installer	must cross-check eligibility with applicable been repraced and	19 June 2009, no 1	number action required. AD's checked through Biweekly 2011-
ТЦ	T THIS ENGINE	HAS BEEN INSP	operational check and leak check satisfactory. I CERTIFY PECTED IN ACCORDANCE WITH A 100 HOUR
INS	PECTION AND V	VAS DETERMINI	ED TO BE IN AN AIRWORTHY CONDITION.
	Allee	01/2	L. John Wells A&P 3221132 w/o 30352
			- Landerskie
		The last day to see you take a law a large	DYNAMICALLY BALANCED
		POLAR PLOT - 1.0 IN/S	and an Part 이 그리고 있다. 그런 그렇게 되는 아니 아니는 아니라 보는 아니라 보는 아니라 이 아니라 사람들이 되었다. 그는 아니라
			Performed a dynamic propeller balance
		X-1	IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Helmuth document AW 9511-2 dated 12 June
		X - ± - ×	IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Helmuth document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of ,243 @
			IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Helmuth document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of .243 @ 2558 rpm reduced to .025 IPS @ 2557 rpm by installing AN hardware balance weight on spinner rear bulkhead. Jim Barker A&P 2755069 Aviation
			IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Helmuth document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of .243 @ 2558 rpm reduced to .025 IPS @ 2557 rpm by installing AN hardware balance weight on spinner rear bulkhead. Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829
	\(\frac{\frac{1}{1}}{1+\frac{1}{1}}\)		IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Helmuth document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of .243 @ 2558 rpm reduced to .025 IPS @ 2557 rpm by Installing AN hardware balance weight on spinner rear bulkhead. Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7
			IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Helmuth document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of .243 @ 2558 rpm reduced to .025 IPS @ 2557 rpm by installing AN hardware balance weight on spinner rear bulkhead. Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829 Hangar: 715 822 5787 Cell: 715 491 1303 Email: jim@aviationvibes.com
			IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Helmuth document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of .243 @ 2558 rpm reduced to .025 IPS @ 2557 rpm by installing AN hardware balance weight on spinner rear bulkhead. Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829 Hangar: 715 822 5787 Cell: 715 491 1303 Email: jim@aviationvibes.com
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		T Cirrus SR22 G3 TN art 691499	IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Helmuth document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of 243 @ 2558 rpm reduced to .025 IPS @ 2557 rpm by Installing AN hardware balance weight on spinner rear bulkhead. Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829 Hangar: 715 822 5787 Cell: 715 491 1303 Email: jim@aviationvibes.com www.aviationvibes.com
	Cont/H Front MicroV	art 691499 ib II SN:1177 Cal:10	IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Helmuth document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of. 243 @ 2558 rpm reduced to .025 IPS @ 2557 rpm by Installing AN hardware balance weight on spinner rear bulkhead. Jlm Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829 Hangar: 715 822 5787 Cell: 715 491 1303 Email: jim@aviationvibes.com www.aviationvibes.com
	Cont/H Front MicroV Initial:	art 691499 ib II SN:1177 Cal:10	IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Helmuth document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of. 243 @ 2558 rpm reduced to .025 IPS @ 2557 rpm by Installing AN hardware balance weight on spinner rear bulkhead. Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829 Hangar: 715 822 5787 Cell: 715 491 1303 Email: jim@aviationvibes.com www.aviationvibes.com
	Cont/H Front MicroV Initial:	art 691499 (ib II SN:1177 Cal:10 0.243 IN/S @ 2558.1	IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Helmuth document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of. 243 @ 2558 rpm reduced to .025 IPS @ 2557 rpm by installing AN hardware balance weight on spinner rear bulkhead. Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829 Hangar: 715 822 5787 Cell: 715 491 1303 Email: jim@aviationvibes.com www.aviationvibes.com
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	Cont/H Front MicroV Initial:	art 691499 (ib II SN:1177 Cal:10 0.243 IN/S @ 2558.1	IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Helmuth document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of. 243 @ 2558 rpm reduced to .025 IPS @ 2557 rpm by installing AN hardware balance weight on spinner rear bulkhead. Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829 Hangar: 715 822 5787 Cell: 715 491 1303 Email: jim@aviationvibes.com www.aviationvibes.com

Date	Tota	l Time	Time Last Ov		Engine Service and Maintenance Reco	rd
ant I	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspection Modifications and Service Bulletins	ons,
ight I	William Street out of the	Contract of the Contract of th			ADADAMOE AFRO	4
127	760 EAS	ST CON	TROL TO	OWFR	ARAPAHOE AERO ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 IO-550-N(50) S/N: 601400 T-4 LTI: 7060	
10 May	1770CT					-
10 May	2012	Fligh	LA TT TT		10tul 11111c. 520.0	
Inspection	on Form	ection fo	or Annua	l compl	A STATE OF THE PARTY OF THE PAR	_
Compres	Ssion tes	i and the	Tornado	Alley T	eted this date using the Cirrus SR22 Maintenance Manual Furbo, Inc, Scheduled Maintenance Check List as a guide.	
and filter	r (Aeros	shell 15	W FOL		76/80, #4) 76/80, #3) 77/80, #6) 76/80. Changed engine oil	-
Blacksto	ne Labs	oil sam	nle telcon	and sub	open and inspected, no ferrous contaminates noted.	
Tornado	Alley	Turbo (SR) No. 7	FAT 11	Of (Chambian BURGOS S.	
Champio	n RHB	32E spai	rk plugs a	re instal	lled, no further action required. Checked timing of magnetos to	
engine.	Inspecte	ed fuel in	njection sy	ystem fo	or component condition and security, no defects noted. Leak	******
						-
March of the Control		u secuie	u wii iii y i	IMPRE	Complied with (SI) No. TAT SI08-01 (Crankcase Breather osits form crankcase breather discharge tube as outlined in	
— Service I	nstruction	on. Nex	t inspecti	ing depo	at Flight Hobbs: 576.0 or next oil change. Complied with (SI)	
	2100-0	4 (Cabi	n Heat A	ugmeni	[er/[allnine (racking) by pressure test of left and right heat	
- Atomange	is as ou	iumea m	1 Service 1	Instructi	Ion, no detects noted. Next inspection due Flight Hobbs: 626.0	
Complice	1 WILLI	3D) NO.	IAI SB	JY-U1 (1	Exhaust Manifold Cracks) by inspecting exhaust manifolds for	
Clacks al	ound tur	roo mou	nt Hanges	, no def	ects noted. Next inspection due at Flight Hobbs: 576 0 or next	
on chang	e. Com	ipnea w	ith (SI) N	0. IAI	SIII-01 (Exhaust Slip Joint Inspection) by inspecting right	
temperati	res no	defects	per instr	uction f	or indications of binding, distortion or damage from excessive	
Inspected	and pre	essure te	sted evha	ext msp	ection due May 2013 or V-band clamp replacement. em. Complied with (SI) TAT No. SI11-03 (Turbocharger	
Support	Inspect	ion) by i	inspecting	turboc	harger and waste gate support assembly rods. Installed and	
aligned no	ew right	t wastega	ate suppoi	rt brack	et P/N: ETI-G2-600-103-1 using new bolt P/N: MS21250-05020	
Next insp	ection (due May	y 2013 or	V-ban	d clamp replacement. Inspected and lubricated turbocharger	1000
_ waste gate	es using	Mouse	Milk. Co	mplied	with (SB) No. TAT SB11-04 (Turbocharger Oil Supply Inlet	
Screen) b	y cleani	ing left a	ind right t	urbocha	arger oil inlet screen of foreign material as per Service Bulletin.	
Next insp	ection o	uue May	y 2013. C	hecked	and lubricated throttle, mixture and propeller controls. Inspected	
Filter) by	inspect	ing and o	ujustea m. servicina	inductio	itch. Complied with (SI) No. TAT SI08-05 (Induction Air on air filter per Service Instruction. Next induction air filter	
serving di	ue Fligh	it Hobb	s: 626.0.	Inspect	ed engine pre-heater installation for component condition and	
security, o	peration	nal check	k good. C	Contine	ntal AD 2011-25-51 (Starter Adapter Gear Shaft Failure)	
effective 1	2-28-20)11, supe	ersedes Er	mergeno	cy AD 2011-25-51, does not apply by installed starter adapter	-
date of ins	tallation	and no	replacem	nent (TC	CM) new or rebuilt starter adapter has been installed between 01-	
01-2011 ar	nd 11-20	0-2011, 1	no further	action	required. Superior Air Parts AD 2012-03-06 (AFS) Fuel	- Company
Servo Dia	phragm	i) effecti	ive 02-24	-2012, s	supersedes AD 2011-15-10, does not apply, (TCM) fuel	
injection sy	stem is	installe	a, no turti	ner actio	on required. AD's checked through Biweekly 2012-09. nspection engine ground run-up, operational check and leak	
					GINE HAS BEEN INSPECTED IN ACCORDANCE	-
					WAS DETERMINED TO BE IN AN AIRWORTHY	700-1
CONDITION		1	7/		The second secon	
	1	7	(M)		Greg Sickafoose A&P 3443687 w/o 31811	
		3-NA8	700			
						Total Services
				4		-
				77.00		
	The same of the same of		The state of the state of	The second second		district to

		1	and the second	Oineo	Engine Service and Maintenance Record Engine Service and Maintenance Record Inspections Airworthiness Directives, Special Inspections		
Date	Total	Time	Time	Since verhaul			
Date		and the second second	CONTRACTOR AND AND AND AND	Min.	Installations, Inspections, Modifications and Service Bulletins		
	Hrs.	Min.	Hrs.	Marie Providence and Co.			
	And the second s	Annual	Para Tabanas Andrews		ARAPAHOE AERO ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 ROAD ENGLEWOOD, S/N: 691499 Total Time: 614.2 10-550-N(50) S/N: 726.8		
ought	control of annual color of the second	T CON	TPOL T	OWER I	ROAD ENGLEWOOD, CODA Total Time: 614.2		
	12760 EAS	ST CON	Continent	al	IO-550-N(50) S/N: 691499 IO-550-N(50) S/N: 691499 Hobbs Meter: 726.8 Property SP22 Maintenance Manual		
	N770CT		TT-L	hc. 614	Hobbs Meter: 726.8 eted this date using the Cirrus SR22 Maintenance Manual eted this date using the Maintenance Check List as a guide. Furbo, Inc, Scheduled Maintenance Check List as a guide.		
5 Au	gust Zuis Jour Inspe	ection fe	or Annua	al compl	eted this date using the Garage Check List as a guide.		
Inspe	ction Form	and the	e Tornade	Alley 1	eted this date using the Cirrus SR22 Maintenance Mandal eted this date using the Cirrus SR22 Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Maintenance Maintenan		
	11.	/ A OPOCI	1611 13744.	JU1. U	a di di connecti lestetti allu tutaletti shark		
Custo	Compression test: #1) 76/80, #2) Cut oil filter open and inspected, no leffous contaminates noted. and filter using (Aeroshell 15W-50). Cut oil filter open and inspected, no leffous contaminates noted. Customer supplied Blackstone oil sample taken and submitted. Cleaned, gapped, tested, and rotated sp Customer supplied Blackstone oil sample taken and submitted. Cleaned, gapped, tested, and rotated sp Customer supplied Blackstone oil sample taken and submitted. Cleaned, gapped, tested, and rotated sp Customer supplied Blackstone oil sample taken and submitted. Cleaned, gapped, tested, and rotated sp Customer supplied Blackstone oil sample taken and submitted. Cleaned, gapped, tested, and rotated sp Customer supplied Blackstone oil sample taken and submitted. Cleaned, gapped, tested, and rotated sp Customer supplied Blackstone oil sample taken and submitted. Cleaned, gapped, tested, and rotated sp Customer supplied Blackstone oil sample taken and submitted. Cleaned, gapped, tested, and rotated sp Customer supplied Blackstone oil sample taken and submitted. Cleaned, gapped, tested, and rotated sp Customer supplied Blackstone oil sample taken and submitted. Cleaned, gapped, tested, and rotated sp Customer supplied Blackstone oil sample taken and submitted. Cleaned, gapped, tested, and rotated sp Customer supplied Blackstone oil sample taken and submitted. Cleaned, gapped, tested, and rotated sp Customer supplied Blackstone oil sample taken and submitted. Cleaned, gapped, tested, and rotated sp Customer supplied Blackstone oil sample taken and submitted. Cleaned, gapped, tested, and rotated sp Customer supplied Blackstone oil sample taken and submitted. Cleaned, gapped, tested, and rotated sp Customer supplied Blackstone oil sample taken and submitted. Cleaned, gapped, tested, and rotated sp Customer supplied Blackstone oil sample taken and submitted. Cleaned, gapped, tested, and rotated sp Customer supplied Blackstone oil sample taken and submitted. Cleaned, gapped, tested, and rotated sp Custo						
plugs							
no de							
altern	ator slip ri	ngs and	brush as	semones	the december PAN 200-06200. Inspected turbochargers and		
Insta	led new le	ft forwa	rd heat si	niela stal	miless breeze clamp 177 using Mouse Milk. Tightened right		
waste	gates for	conditio	n and sec	necified	torque. Inspected and lubricated throttle, mixture and propeller		
1	Camplia	d with	TATILIC	1) No 1	'A' Sinx-iii (Crankcase Dieather Discharge Tube) of cleaning		
cokir	a denosite	form cr	ankcase l	preather	discharge tube as outlined in Service Instruction. Next inspection		
due a	t Flight H	lobbs: 6	64.2 or r	ext oil c	change. Complied with (TATI) (SI) No. 1A1 S108-04 (Cabin		
Heat	Augment	er/Tailp	oipe Crac	cking) by	y pressure test of left and right heat exchangers per Service ection due Flight Hobbs: 714.2. Complied with (TATI) (SI) No.		
					inspecting and servicing induction air filter per Service		
TAT	Instruction. Next induction air filter serving due Flight Hobbs: 714.2. Complied with (TATI) (SB) No. TAT SB09-01 (Exhaust Manifold Cracks) by inspecting exhaust manifolds for cracks around turbo						
mour	t flanges, r	no defec	ts noted.	Next in	spection due at Flight Hobbs: 664.2 or next oil change		
Com	olied with ((TATI)	(SB) No.	TATS	B10-01 (Alternate Air Door Hings Pin) by inspecting himse win		
enus	on alternate	e air do	or for cra	cks. loos	se rivets and/or missing pin retention mother de la		
	mspection	l uue A	uyusi zu	in. Com	inited with (TATI) (SI) No TAT CI11 of (B)		
					ystem slip joints per instruction for indications of binding, peratures, no defects noted. Next inspection due August 2016 or with (TATI) (SI) No. TAT SILL 02 (The state of the state of t		
V-ba	nd clamp	replace	ment. C	omplied	with (TATI) (SI) No. TAT SI11-03 (Turbocharger Support		
Inspe	ection) by i	inspection	ng turboc	harger a	nd waste gate support assembly rods per Service Instruction, no ust 2016 or V-band clamp roots		
defec	ts noted. N	Vext ins	pection o	due Aug	ust 2016 or V-band clamp replacement. Complied with (TATI) Oil Supply Inlet Screen) by cleaning 1-6		
contro	ol shaft for	fuel lea	kage ner	Service	Pump O-ring Seals) by inspecting the fuel nump mixture		
chang	e or Fligh	t Hobb	s: 664.2.	Contin	Instruction, no defects noted. Next inspection due next oil ental AD 2014-05-29 (Cylinder Head S		
25-20	14, does no	ot apply	, Superio	r Air Par	Instruction, no defects noted. Next inspection due next oil ental AD 2014-05-29 (Cylinder Head Separation) effective 04-		
group	ed, no furt	her action	on requir	ed. AD'	ental AD 2014-05-29 (Cylinder Head Separation) effective 04- rts cylinders are not installed, only original TCM cylinders are s checked through Biweekly 2015-15. Post inspection engine		
- INSP	CTED D	peration	nal check	and leal	k check good I CEPTIENT Post inspection engine		
ТОВ	EIN AN	N ACC	QRDAN	CE WIT	s checked through Biweekly 2015-15. Post inspection engine check good. I CERTIFY THAT THIS ENGINE HAS BEEN TION.		
	La Maria	3-1-	RTHY	CONDI	TION. — SOR INSPECTION AND WAS DETERMINED —		
	The second secon	The	to,	_	Randy Johnson A on		
			"	The second	Randy Johnson A&P 3123186 w/o 35829		
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	ARAPAHOE AERO	r
	12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386	ior
-	N770CT Continental IO-550-N(50) S/N: 691499 Total Time: 627.4	
ugh	16August 2016 Flight Hobbs: 627.4 Hobbs Meter: 743.8	1-20-
<u> </u>	100 110th Inspection for Annual completed this date using the Circus SR22 Maintenance Manual	
	Inspection Form and the Tornado Alley Turbo, Inc, Scheduled Maintenance Check List as a guide.	
	Compression test: #1) 67/80, #2) 70/80, #3) 65/80, #4) 67/80, #5) 70/80, #6) 70/80. Changed engine oil	-
	and filter using (Shell 15W-50). Cut oil filter open and inspected, no ferrous contaminates noted.	Ü.
	Customer supplied Blackstone oil sample taken and submitted. Cleaned, gapped, tested, and rotated spark	1
	plugs. Checked timing of magnetos to engine. Inspected fuel injection system for component condition and	1
	security, no defects noted. Installed tywraps around each support clamp for #2 and #5 fuel injector lines.	
	Leak checked fuel system with electric pump on high and operated mixture, no defects noted. Inspected	-
	engine cooling beffles and scale for an distance of acceptance of the cooling before and scale for an distance of acceptance of the cooling before and scale for an distance of acceptance of the cooling before and scale for an distance of acceptance of the cooling before and scale for a scale for a cooling before and acceptance of the cooling before and acceptance of the cooling before a cooling before and acceptance of the cooling before and acceptance of the cooling before and acceptance of the cooling before a cooling before and acceptance of the cooling before and acceptance of the cooling before and acceptance of the cooling before a cooling before a cooling before and acceptance of the cooling before a coo	1-00
	engine cooling baffles and seals for condition and security. Inspected #1) alternator slip rings and brush	****
	assemblies, no defects noted. Inspected and pressure tested exhaust system. Tightened TIT probe. Installed	-
	sleeve over left wastegate oil return hose to prevent further chafing. Tightened bolt on intercylinder baffle	
	between #1 and #3 cylinder. Inspected turbochargers and waste gates for condition and security and	- Company
	lubricated wastegates using Mouse Milk. Inspected and lubricated throttle, mixture and propeller governor	
	controls, operational check good. Inspected alternate air system for component condition and security.	-
	Inspected engine pre-heater installation for component condition and security, operational check good.	-
	Complied with TAT SI08-01 (Crankcase Breather Discharge Tube) by cleaning coking deposits form	
	crankcase breather discharge tube as outlined in Service Instruction. Next inspection due at Flight Hobbs:	-
	677.4 or next oil change. Complied with TAT SI08-04 (Cabin Heat Augmenter/Tailpipe Cracking) by	
		,
	pressure test of left and right heat exchangers per Service Instruction, no defects noted. Next inspection	
11	due Flight Hobbs: 727.4. Complied with TAT SI08-05 (Induction Air Filter) by inspecting and servicing	1
j	induction air filter per Service Instruction. Next induction air filter servicing due Flight Hobbs: 727.4.	_
1	Complied with TAT SB09-01 (Exhaust Manifold Cracks) by inspecting exhaust manifolds for cracks	
	around turbo mount flanges, no defects noted. Next inspection due at Flight Hobbs: 677.4 or next oil	-
	change. Complied with TAT SB10-01 (Alternate Air Door Hinge Pin) by inspecting hinge pin ends on	
	alternate air door for cracks, loose rivets and/or missing pin retention methods, no defects noted. Next	
	nspection due August 2017. Complied with TAT SI11-01 (Exhaust Slip Joint Inspection) by	-
	nspecting right exhaust system slip joints per instruction for indications of binding, distortion or damage	
	rom excessive temperatures, no defects noted. Next inspection due August 2017 or V-band clamp	
	eplacement. Complied with TAT SI11-03 (Turbocharger Support Inspection) by inspecting	
	urbocharger and waste gate support assembly rods per Service Instruction, no defects noted. Next	
in	spection due August 2017 or V-band clamp replacement. Complied with TAT SB11-04	
1 111		
	Surbocharger Oil Supply Inlet Screen) by cleaning left and right turbocharger oil inlet screen of foreign	
(T	Turbocharger Oil Supply Inlet Screen) by cleaning left and right turbocharger oil inlet screen of foreign aterial as per Service Bulletin, Next inspection due August 2017. Complied with TAT \$112-02 (Fuel	
(T	aterial as per Service Bulletin. Next inspection due August 2017. Complied with TAT SI12-02 (Fuel	
(T ma Pu	aterial as per Service Bulletin. Next inspection due August 2017. Complied with TAT SI12-02 (Fuel ump O-ring Seals) by inspecting the fuel pump mixture control shaft for fuel leakage per Service	
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12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 S/N: 691499 IO-550-N(50) Continental N770CT Hobbs Meter: 0758.8 Flight Hobbs: 0638.9 Date 100 Hour Inspection for Annual completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Tornado Alley Turbo, Inc, Scheduled Maintenance Check List as a guide. Compression test: #1) 78/80, #2) 72/80, #3) 73/80, #4) 70/80, #5) 73/80, #6) 75/80. Changed engine oil and filter using (Shell 15W-50). CamGuard added just prior to post-Annual ground run. Cut oil filter open **Brought Fo** and inspected, no ferrous contaminates noted. Blackstone oil sample taken and submitted. Cleaned. gapped, tested, and rotated spark plugs. Checked timing of magnetos to engine. Inspected fuel injection system for component condition and security, no defects noted. Leak checked fuel system. Inspected and pressure tested exhaust system. Inspected turbochargers and wastegates for condition and security and lubricated wastegates using Mouse Milk. Inspected and lubricated throttle, mixture and propeller governor controls, operational check good. Inspected alternate air system for component condition and security. Installed serviceable bearing retainer plate bolt on starter as needed. Removed power cable and torqued terminal hardware in starter as needed. Installed new #2 EGT probe P/N: 16579-002. Complied with TAT SI08-05 (Induction Air Filter) by inspecting and servicing induction air filter per Service Instruction. Next induction air filter servicing due Flight Hobbs: 0738.9. Complied with TAT SB09-01 (Exhaust Manifold Cracks) by inspecting exhaust manifolds for cracks around turbo mount flanges, no defects noted. Next inspection due at Flight Hobbs: 0688.9 or next oil change. Complied with TAT SB10-01 (Alternate Air Door Hinge Pin) by inspecting hinge pin ends on alternate air door for cracks, loose rivets and/or missing pin retention methods, no defects noted. Next inspection due October 2018. Complied with TAT SI11-01 (Exhaust Slip Joint Inspection) by inspecting right exhaust system slip joints per instruction for indications of binding, distortion or damage from excessive temperatures, no defects noted. Next inspection due October 2018 or V-band clamp replacement. Complied with TAT SI11-03 (Turbocharger Support Inspection) by inspecting turbocharger and waste gate support assembly rods per Service Instruction, no defects noted. Next inspection due October 2018 or V-band clamp replacement. Complied with TAT SI12-02 (Fuel Pump O-ring Seals) by inspecting the fuel pump mixture control shaft for fuel leakage per Service Instruction, no defects noted. Next inspection due next oil change or Flight Hobbs: 0688.9. AD's checked through Biweekly 2017-20. Post inspection engine ground run-up, operational check and leak check good. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. L. John Wells A&P 3221132 w/o 38356 ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 IO-550-N(50) N770CT Continental S/N: 691499 **Engine Log Entry** 21 March 2018 Flight Hobbs: 0642.4 Hobbs Meter: 0763.4 Complied with Tornado Alley Flexible Fluid Hose 10 Year Replacement by installing new hoses as provided by Aviall, reference order number 1003916905 dated 03/19/2018, torqued, sealed and secured hoses. Next flexible hose replacement due March 2028. Ground run operational and leak checks Nathaniel Alan Beuthel A&P 3659835 w/o 38583

ARAPAHOE AERO

Brought F	N770C 04 January 2 100 Hour Ins Inspection Fo Compression and filter usin and submitted Inspected fue system. Inspe and security a controls, oper probe P/N: 86 alternator br inspecting an Flight Hobbs cleaning of tu with TAT SE leakage per S 696.5. AD's and leak check ACCORDAL	T Continuous Flight Hamberton for Ammand the Tontest: #1) 68/80 ag (Shell 15W-d. Cleaned, gapland injection systematicated and pressured and pressured and pressured and check gaptational	obs: 0646.5 nnual complete mado Alley Tur 0, #2) 75/80, #3 50). Cut oil filte pped, tested, and mem for componeure tested exhau wastegates. Inspected 12 month #1 n due January uction air filter plied with TAT inlet screens for ump O-ring Se ion, no defects in gh Biweekly 20 RTIFY THAT 100 HOUR IN	this date using the Cirrus SR22 Maintenance Manual bo, Inc, Scheduled Maintenance Check List as a guide. 70/80, #4) 71/80, #5) 69/80, #6) 70/80. Changed engine oil ber open and inspected, no contaminates noted. Oil sample taken d rotated spark plugs. Checked timing of magnetos to engine. bent condition and security, no defects noted. Leak checked fuel lest system. Inspected turbochargers and wastegates for condition bected and lubricated throttle, mixture and propeller governor inspected and reinstalled induction air filter. Installed new TIT Alternator Brush Inspection, no defects noted. Next #1 2020. Complied with TAT S108-05 (Induction Air Filter) by per Service Instruction. Next induction air filter servicing due SB11-04 (Turbocharger Oil Inlet Screen Cleaning) by r check valves. Next cleaning due January 2020. Complied beals) by inspecting the fuel pump mixture control shaft for fuel moted. Next inspection due next oil change or Flight Hobbs: 18-25. Post inspection engine ground run-up, operational check THIS ENGINE HAS BEEN INSPECTED IN INSPECTION AND WAS DETERMINED TO BE IN AN
	ARVOR	16	and the state of t	L. John Wells A&P 3221132 w/o 39607
FOI PLU ASS CO EN	UND. COMP C JGS. REMO SEMBLIES FRO PLIED WITHT	CHECKED 72/S EVED NUMB OM J&J AIR CAT SB 10-01 EEN INSPECT	80 70/80 68/80 ER 2 AND PARTS NO JE , SB 11-04 AN ED IN ACCO	5/50 OIL INSPECTED FILTER FOR METAL, NONE 72/80 60/80 63/80. CLEANED AND GAPPED SPARK 5 CYLINDERS. REPLACED WITH COMPLETE 62R921K USING ALL NEW GASKETS AND SEALS. WID SB 12-02 OPS CHECKS OK. I CERTIFY THIS RDANCE WITH AN 100 HOUR INSPECTION AND CONDITION
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NOTICE

Weight and balance or operating limitation changes shall be entered in the appropriate aircraft record. An alteration must be compatible with all previous alterations to assure continued conformity with the applicable airworthiness requirements.

N770CT	12/12/2018
Nationality and Registration Mark	Date
The state of the s	Date Date John STC Jes datalink Do-260B Class GOG/ED-14G, and is a 2 and AC 43.13-2E Crafts Avionics Transponder is wired the existing Pressure Receiver. John Stransport of this inspection/Jebook. Jest Manual Jest Manu

FAA Form 337 (10-06)

6
US Department
of Transportation

Federal Aviation

MAJOR REPAIR AND ALTERATION (Airframe, Powerplant, Propeller, or Appliance)

	Electronic Tracking Number 2018000776
Sarker 1	or FAA Use Only

Electronically Submitted 337

INSTRUCTIONS: Print or type all entries. See Title 14 CFR §43.9, Part 43 Appendix B, and AC 43.9-1 (or subsequent revision thereof) for instructions and disposition of this form. This report is required by law (49 U.S.C. §44701). Failure to report can result in a civil penalty for each such violation. (49 U.S.C. §46301(a)) Nationality and Registration Mark Serial No. N 770CT 2927 1. Aircraft Make Model Series CIRRUS DESIGN CORP **SR22** Name (As shown on registration certificate) Address (As shown on registration certificate) ASCENT MEDICAL P C Address 1725 CULEBRA PL 2. Owner COLORADO SPRINGS State CO 809077334 Country UNITED STATES 3. For FAA Use Only 4. Type 5. Unit Identification Repair Alteration Unit Make Model Serial No. (As described in Item 1 above) X **AIRFRAME** 100 **POWERPLANT** PROPELLER Type APPLIANCE Manufacturer 6. Conformity Statement A. Agency's Name and Address B. Kind of Agency U. S. Certificated Mechanic Manufacturer Arapahoe Aero Avionics Name Foreign Certificated Mechanic C. Certificate No. Address 12780 E COntrol Tower Road Certificated Repair Station City Englewood State CO ZL6R006Y Certificated Maintenance Organization Country UNITED STATES D. I certify that the repair and/or alteration made to the unit(s) identified in item 5 above and described on the reverse or attachments hereto have been made in accordance with the requirements of Part 43 of the U.S. Federal Aviation Regulations and that the information furnished herein is true and correct to the best of my knowledge. Signature/Date of Authorized Individual Extended range fuel per 14 CFR Part 43 Digitally signed by Debbie L Paschky Debbie L Paschky Date: 2018.12.12 14:25:52 -07'00' App. B 7. Approval for Return to Service Pursuant to the authority given persons specified below, the unit identified in item 5 was inspected in the manner prescribed by the

BY

Certificate or Designation No.

ZL6R006Y

Administrator of the Federal Aviation Administration and is

Manufacturer

Repair Station

Signature/Date of Authorized Individual

Debbie L Paschky

FAA Fit. Standards

Inspector

FAA Designee

Maintenance Organization

Inspection Authorization

Rejected

Other (Specify)

Persons Approved by Canadian

Department of Transport

Digitally signed by Debbie L Paschky

Date: 2018.12.12 14:27:07 -07'00'

AVIONICS UNLIMITED

10051 MILITARY DR. **CONROE, TX 77303**

FAA CRS #VUER010Y

P.O. BOX 2306 CONROE, TX 77305

PHONE: (936)788-7333 • TOLL FREE: (866) 703-6388

WORK Dale Berkbigler NAME: ORDER: 20121601 ADDRESS: 9318 County Road 14 Del Norte DATE: 12/16/20 CO, 71132 AIRCRAFT: Cirrus SR22 PHONE H: 719-650-0356 N770CT PHONE C:

	WORK ACCOMPLI	SHED					JO	OB DESCRIPT	ION		9.9	
DATE	JOB DESCRIPTION		TIME	TIME TECH IN		Perform te	Perform test and inspections required by FARS 91.411 and 91.413.					
1/7	Performed tests and inspections required by			MB	MAM							
	FARS 91.411 and 91.413. System comp	lies		1								
	with FAR43 Appendix E & F.		1			Transponder: Avidyne APX 340 S/N 01418						
			PDF: Avidyne IFD5000 #1 S/N M110330488, #2 S/N M110									
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ained and inspected in accordance with current may operate the					orize the above repair work to be done along with necessary materials. You and your employed he above aircraft and/or component for purposes of testing, inspection and delivery at my ris							
lations of the Federal Aviation Agency and is An express mechanic's lien is acknowledged on above aircraft and/or component to secure the amount of repairs							SUBLET					
oved fo	theft, accident or any other cause beyond your control. I agree that any litigation brought as a consequence of,							MISC.PARTS				
	0 200	oject to personal jurisdiction in that court with an agreement to be subject to the court's "personal" jurisdiction						FREIGHT				
ECTOR: SIGNE				INED:								
		SIONED.						TOTAL		\$450.00		



United States of America Department of Transportation Federal Aviation Administration

Supplemental Type Certificate

Number SA00352BO

This certificate issued to:

Avidyne Corporation 4 Middlesex Green, Suite 221 561 Virginia Road Concord, MA 01742

certifies that the change in the type design for the following product with the limitations and conditions therefore as specified hereon meets the airworthiness requirements of Part 23 of the Federal; Aviation Regulations.

Original Product - Type Certificate Number:

Make: Model: See attached FAA Approved Model List (AML), Document No. AVAXP-006, Revision 01, or later FAA approved revision, for the list of approved airplane models, applicable installation data

requirements, and specific limitations.

Description of Type Design Change:

Installation of an Avidyne Corporation Mode A/C/S Transponder with ADS-B Out capability, Model AXP340 loaded with Version 3.13 software (or later FAA approved version) or Model AXP322 with Version 2.7 software (or later FAA approved version), in accordance with Avidyne Corporation Master Document List (MDL), Document Number AVAXP-005, Revision 03, dated October 27, 2016, or later FAA approved revision.

(continued on Page 3 of 4)

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, and revoked or a termination date is otherwise established by the Administrator of the Federal Aviation Administration.

Date of Application: September 19, 2014

Date of Issuance: April 09, 2015

Date reissued:

Date amended: November 30, 2016

By direction of the Administrator

Acting Manager, Boston Aircraft Certification Office

Title

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both. This certificate may be transferred or made available to third persons by licensing agreements in accordance with 14 CFR 21.47. Possession of this Supplemental Type Certificate (STC) document by persons other than the STC holder does not constitute rights to the design data nor to alter an aircraft, aircraft engine, or propeller. The STC's supporting documentation (drawings, instructions, specifications, flight manual supplements, etc.) is the property of the STC holder. An STC holder who allows a person to use the STC to alter an aircraft, aircraft engine, or propeller must provide that person with written permission acceptable to the FAA. (Ref. 14 CFR 21.120).