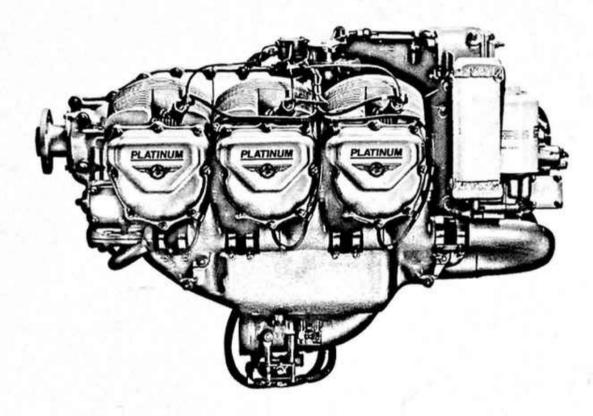


PLATINUM ENGINE LOG BOOK





CONTINENTAL MOTORS

Form No. ELB-01P

PLATINUM ENGINE LOG BOOK



CONTINENTAL MOTORS

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



Teledyne Continental Motors, Inc. manufactured on ____ A Teledyne Technologies Company

accordance with approved Printed: 04/18/2007 the applicable requirements of

Part 21 of the Federal Aviation Regulations. The approved design data for

This engine model 10550N46 , Serial No. 689544 was manufactured on 04/18/2007

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



Tota	i i ime			Engine Service and Maintenance Record		
Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Spe	ecial Inspections	
6	.4		140	Wouldnesday and Service Buildins		
				THE FOLLOWING SUPPLEMENTAL TYPE CERT	TIFICATE	
-			-	NUMBER HAS BEEN INSTALLED ON THIS ENG	INE	
			10.064	T 2E102892CV		
			ALM P	CDC (55) on MAY 1/7 2007		
				PC# 338CE		
-						
			-	AA MACREADY DRIVE MERCED CA 95340		
				MEDCED MUNICIPAL AIRPORT		
100				(209) 122-1700 FAX (203) 122-0402		
				N 522SR TACH 25.9	DATE 5/25/07	
				CONTRIBUTED OF HIS MAINTENANCE INSPECTION PER TORNADO AI	LLY, INC.	
_			-	MAINTENANCE PRACTICES 215-10		
				AND REPLACED O	OIL FILTER, FILT	
				INCRECTED SERVICED WITH AERO SHELL 100, DEGREAGED ENG	SINE, RUN UP LE	
				CHECK COMPLETED, REINSTALLED COWLING.		
				Ch. v. Plan		
-			-	CHRIS W. PALAGE		
1		-		AP3117036 ·		
→ NS	22SR			Diamond Autorica	6/4/2007	
10	-550-N			620 Airport Dr., Ste.1	Hobbs: 48.6	
s/n	689544	N.		San Carlos, CA	TTE: 40.1	
En	gine Logb	ook Entry	o			
- Ae	roshell 10	o inspection o oil. Inspe	cted exhau	oil & filter. Filter cut and inspected ok. Serviced engine with CH4810 st. system, no defects found. Washed, ran, leak & opps checked ok. Ret	8-1 filter and urned to service.	
				/h. HID		
_				Scott Franges 204323229IA	6/4/2007	
99975332				Diamond Aviation	7/19/2007	
				San Carlos, CA	Hobbs: 97.5 TTE: 105.9	
En	eine Loghe	ook Entry				
100	HR Dem	o inspectio	n. Changed	oil & filter . Filter cut and inspected ok. Serviced engine with CH481	08-1 filter and	
AC	tosuch To	on. mspe	cied exhaus	St System, no dejects found. Serviced Spark place. Dengined worm hast	coat Washad son	
		1		14.16.2		
-	PROPERTY			Scott Franges 2045232291A	7/19/2007	
Maria.		1				
				Diamond Aviation	9/17/2007	
				620 Airport Dr., Ste.1 San Carlos. CA	Hobbs: 149.3 TTE: 141.1	
- Fre	oine Look	ok Ent-			141.1	
- 150	HR Dem	o inspectio	n. Drained	oil; removed, cut and inspected filter. Serviced engine with new CH48	108-1 filter and	
ACI	osuch 19	wyou oil. In	spected ext	laust system, no defects found. Replaced R/H turbo inlet adapter caske	t. Washed, ran,	
	- alsha c	UK.	**************************************	o serviceendend		
	NS IO S/n English English English Ae NS IO- S/n English Ae NS IO- S/n English Ae Institute Ae	N522SR IO-550-N s/n 689544 Engine Logbo Aeroshell 10 N522SR IO-550-N s/n 689544 Engine Logbo Aeroshell 10(leak & opps c	N522SR IO-550-N s/n 689544 Engine Logbook Entry 50 HR Demo inspection Aeroshell 100 oil. Inspeleak & opps checked ok. N522SR IO-550-N s/n 689544 Engine Logbook Entry 100 HR Demo inspection Aeroshell 100 oil. Inspeleak & opps checked ok.	N522SR IO-550-N s/n 689544 Engine Logbook Entry 100 HR Demo inspection. Changed Aeroshell 100 oil. Inspected exhausteak & opps checked ok. Returned to the NS22SR N522SR	Last Overhaul Hrs. Min. Hrs. Min. G - 4 THE FOLLOWING SUPPLEMENTAL TYPE CERT NUMBER HAS BEEN INSTALLED ON THIS ENG SE 10589SC CDC SED ON MAY 1/ 7 2007 Cirrus Design Corporation Duluth, MN USA PC# 338CE TDI. AERO ENTERPRISES 44 MAGREADY DRIVE. MERCED CA 95340 MERCED MUNICIPAL ARPORT (206) 772-7700 FAX (209) 722-3402 N S22SR COMPLETED 25 HR MAINTENANCE INSPECTION PER TORNADO A MAINTENANCE PRACTICES 215-10 REMOVED COMULING, DRAINED OIL. REMOVED COMULING, DRAINED OI	

Last Overhaul Hrs. Min. Hrs. Min. Min. Min. Min. Modifications and Service Bulletins TDL AERO ENTERPRISES 44 MACREADY DRIVE, MERCED CA 95340 MERCED MUNICIPAL AIRPORT (209) 722-7700 FAX (209) 722-3402 N 522SR TACH 200.6 DATE 10/23/07	ections
TDL AERO ENTERPRISES 44 MACREADY DRIVE, MERCED CA 95340 MERCED MUNICIPAL AIRPORT (209) 722-7700 FAX (209) 722-3402	
44 MACREADY DRIVE, MERCED CA 95340 MERCED MUNICIPAL AIRPORT (209) 722-7700 FAX (209) 722-3402	E AL
44 MACREADY DRIVE, MERCED CA 95340 MERCED MUNICIPAL AIRPORT (209) 722-7700 FAX (209) 722-3402	
(209) 722-7700 FAX (209) 722-3402	
N 522SR TACH 200.6 DATE 10/23/07	
and may such the control of the cont	
IN ACCORDANCE WITH A 200 HOUR DEMO CARE SERVICE. PERFORMED AN ENGINE OPERATIONAL INSPECTION IN ACCORDANCE WITH TCM MAINTENANCE MANUAL, SECTION 5-3, DRAINED OIL, AOA SAMPLE TAKEN, REPLACED OIL FILTER. INSPECTED OIL FILTER FOR METAL CONTAMINATES, SERVICED WITH AEROSHELL OIL. SPARK PLUG CABLE LEADS INSPECTED FOR CORROSION AND DEPOSITS. INSPECTED AIR INTAKE DUCTS FOR WEAR, GASCOLATER FUEL FILTER AND BOWL DRAINED AND CLEANED, BREATHER TUBES INSPECTED, EXHAUST SYSTEM INSPECTED FOR CRACKS, DENTS AND CONDITION, CHECKED ALTERNATE AIR DOOR. SPARK PLUGS INSPECTED, CLEANED, GAPPED AND ROTATE IN ACCORDANCE WITH TCM MAINTENANCE MANUAL, SECTION 12.INDUCTION AIR FILTER CLEANED, PERFORMED FUEL INJECTION SYSTEM CHECK IAW, TCM-SID 97-3.	
FOEL INJECTION SYSTEM CHECK IAW, TCM-SID 97-3.	
CIRRUS HRISW. PARAGE AP3177058	7
MAKE: Come	
MAKE Cirrus Cirrus Design Factory Service Center DATE 12/3/2007 A/C TSN 250.6 Repair Station No. YD5R855Y Cirrus Design Factory Service Center DATE 12/3/2007 A/C TSN 250.6 HOBBS 250.6	
EG NO 522SR 4515 Taylor Circle WORK ORDER Duluth, MN 55811 Phone 218-788-3101	
emoved PFD P/N 15222-007 S/N 20094107 and installed PFD p/n 15222-008, s/n 20043197 IAW SP22 AMM 31-60 and SB2X-34-24 service bulletin structions. Priot/Static leak checked sabsfactory (22) Replaced induction air filter PN 33-2022 IAW CDC AMM CH 5-20 and standard maintenance ractices. (23) Installed new R/H slave wastegate P/N 477555-0000 IAW ETI MM instructions (26) Installed LH exhaust heat shield IAW ETI MM structions (27) Replaced myet IAW CDC AMM CH20-70 and standard maintenance practices. (28) Installed Strobe power supply P/N 14286-002. W CDC MM 33-40-02. Functional check satisfactory (29) Installed both Mig lower attach bracket clamps IAW CDC AMM 32-10 (30) Removed and	
eplaced MLG times P/N 14075-006 and Tubes P/N 14076-002. Cleaned inspected and repacked all wheel bearings IAW CDC AMM 32-10 (30) Removed and narritenance practices (31) Removed and replaced R/H and L/H brake linings, PN 066-06200 and brake lining shims P/N 068-01100 IAW CDC SR22 (32) Replaced LH and RH brake catiper O-ring P/N 101-34500. IAW CDC AMM 32-42. Fuctional check satisfactory (33) 12-10 integration of the print of the pri	
epiaced MLG tires P/N 14075-006 and Tubes P/N 14076-002. Cleaned inspected and repacked all wheel bearings IAW CDC AMM 32-10. (30) Removed and epiaced MLG tires P/N 14075-006 and Tubes P/N 14076-002. Cleaned inspected and repacked all wheel bearings IAW AMM 32-41 and standard narritenance practices. (31) Removed and replaced R/H and L/H brake trings, P/N 066-06200 and brake tiring shims P/N 068-01100 IAW CDC SR22 NAM Chapter 32-42. (32) Replaced LH and RH brake catiper 0-ring P/N 101-34500. IAW CDC AMM 32-42. Fuctional check satisfactory. (33) 12-10 Interpret oil and filter p/n 50857-001, serviced engine with 8 quarts df Aeroshell 15W50 engine oil. Performed particulate inspection on old filter, to discrepancies noted. Retained oil sample to be sent out for analysis. Performed operational and leak checks with satisfactory results. All work was incomplished I.A.W. CDC. A.M.M. 12-10. (40) Peinted and replaced left alieron gap seal with new P/N (14390-002). IAW CDC AMM 51-20, 20-30 and there reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified repair are on file at this Certified Repair Station CRS YDSR855Y.	
eplaced MLG tires P/N 14075-006 and Tubes P/N 14076-002. Cleaned inspected and repacked all wheel bearings IAW AMM 32-10. [30] Removed and nariferance practices. [31] Removed and replaced R/H and L/H brake tirings, PN 066-06200 and brake lining stims P/N 068-01100 IAW CDC SR22 MM AMM Chapter 32-42. [32] Replaced LH and RH brake catigor-0-ring P/N 101-34500. IAW CDC AMM 32-42. Fuctional check satisfactory. [33] 12-10 Changed engine oil and filter p/n 50857-001, serviced engine with 8 quarts of Aeroshell 15W\$0 engine oil. Performed particulate inspection on old filter, to discrepancies noted. Retained oil sample to be sent out for analysis. Performed operational and leak checks with satisfactory results. All work was complished I.A.W. CDC. A.M.M. 12-10. [40] Perinted and replaced left alleron gap seal with new P/N (14390-002). IAW CDC AMM 51-20, 20-30 and have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft airframe, aircraft engine, propeller, or appliance identified retails of repair are on file at this Certified Repair Station CRS YD5R855Y.	
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laced MLG bres PN 14075-006 and Tubes PN 14076-002 Cleaned inspected and repacked all wheel bearings IAW CDC AMM 32-41 and standard inferiance practices. (31) Removed and replaced RH and LH brake tinings, PN 086-06200 and brake tining shims PN 086-01100 IAW CDC SR22 MC Chapter of the properties of t	
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laced MLG bres PN 14075-006 and Tubes PN 14076-002. Cleaned inspected and repacked all wheel bearings IAW CDC AMM 32-41. and standard internance practices. (31) Removed and replaced RH and LH brake inings, PN 066-06200 and brake lining shims PN 068-01100 IAW CDC SR22 migged engine oil and filter ph 50657-001, serviced engine with 8 quarts off Aeroshell 15W50 engine oil. Performed particulate inspection on old filter, or only only or only particulate inspection on old filter, or only only or only officer particulate inspection on old filter, or only officer particulate inspection of old filter, or only officer particulate inspectio	2005
laced MLG tres P/N 14075-008 and Tubes P/N 14076-002 Cleaned inspected and repacted all wheel bearings IAW CDC AMM 32-10 (30) Removed and replaced RVH and LVH brake Infines, PN 066-05200 and brake lining shims P/N 068-01100 IAW CDC SR22 (31) Removed and replaced RVH and LVH brake Infines, PN 066-05200 and brake lining shims P/N 068-01100 IAW CDC SR22 (33) 12-10 anged engine oil and filter p/n 50857-001, serviced engine with 8 quarts off Aeroshell 15W\$0 engine oil Performed particulate inspection on old filter p/n 50857-001, serviced engine with 8 quarts off Aeroshell 15W\$0 engine oil Performed particulate inspection on old filter p/n 50857-001, serviced engine with 8 quarts off Aeroshell 15W\$0 engine oil Performed particulate inspection on old filter, discrepancies noted. Retained oil sample to be sert out for analysis. Performed operational and leak checks with sabsfectory results. All work was omptished I A W CDC A M M 12-10. (40) Perited and replaced left alleron gap seal with new P/N (14390-002). IAW CDC AMM 51-20, 20-30 and service week the file on this aircraft and the accompanying discrepancy forms. The aircraft engine, propeller, or appliance identified repaired/inspected in accordance with current requirements of the Federal Awation Administration and is approved for return to service. Pertinent alist of repair are on file at this Certified Repair Station No. YD5R855Y. Work Order: 10288-11-2007 Jessie Thompson Certified Repair Station No. YD5R855Y. Work Order: 10288-11-2007 Printed by EBis 3 (datcomedia.com)). 10p5
ATE: 12/3/2007 Jesse Thompson Certified Repair Station No. YD5R855y Work Order: 10288-11-2007 Jesse Thompson Certified Repair Station No. YD5R855y Work Order: 10288-11-2007 Jesse Thompson Certified Repair Station No. YD5R855y Complicated bearings and work of the w	1. 1. 5 2. 5 3.63
staced MLG tires PN 14075-006 and Tubes PN 14076-002 Cleaned inspected and replaced all wheel bearings IAW ADM 32-10 (30) Removed and replaced RN and Link trake Intings, PN 066-05200 and trake laring shirms PN 068-01100 IAW CDC SR22 M Chapter 32-24. (32) Replaced LH and RH trake catepro Cnng PN 1017-34500 IAW GDC AMM 32-42. Fuctional check satisfactory. (33) 12-10 discrepances noted. Retained oil sample to be sert out for analysis. Performed operational and leak checks with satisfactory results. All work was complished IAW CDC AMM 12-10. (40) Painted and replaced let alleron gap seal with new P/N (14390-002). IAW CDC AMM 51-20, 20-30 and so replaced in accordance with current requirements of the Federal Awation Administration and is approved for return to service. Performed also of repair are on file at this Certified Repair Station No YDSR855Y. Work Order: 10288-11-2007 Jessie Thompson	7. 2008 2. 363
Discoed MLG tires PN 14075-006 and Tubes PN 14076-002 Cleaned inspected and repolaced all wheel bearings IAW DC AMM 32-10 (30) Removed and replaced PN 14076-002 Cleaned inspected and repolaced all wheel bearings IAW AMM 32-41 and standard inflerance practices (31) Removed and replaced RN and L/H trake intrins, PN 1666-05200 and trake laring stims PN 068-01100 IAW CDC SR22 MC Chapter 32-42 (32) Replaced LH and RH trake catepy on one pN 1017-34500 IAW GDC AMM 32-42. Fuctional check satisfactory. (33) 12-10 larged engine oil and filter ph 50657-001, senced-engine with 8 quarts of Aeroshel 15V/50 engine oil. Performed pratriation and leak checks with satisfactory results. All work was complished IAW CDC AMM 12-10 (40) Partied and replaced left alleron gap seal with new P/N (14390-002). IAW CDC AMM 51-20, 20-30 and save reviewed the file on this aircraft and the accompanying discrepancy farms. The aircraft engine, propeter, or appliance identified is repaired/inspected in accordance with current requirements of the Federal Awation Administration and is approved for return to service. Pertinent alls of repair are on file at this Certified Repair Station CRS YDSR655Y. Work Order: 10288-11-2007 Jessie Thompson Certified Repair Station No. YDSR855Y. Work Order: 10288-11-2007 Jessie Thompson Certified Repair Station No. YDSR855Y. Completed 250 hr. Parties and Station CRS YDSR656Y. Completed 250 hr. Parties and Station CRS YDSR656Y. Work Order: 10288-11-2007 Jessie Thompson Certified Repair Station No. YDSR855Y. Completed 250 hr. Parties and Station CRS YDSR656Y. Completed 250 hr.	7. 2005 2. 363

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			SShor	18417	BOLT CONTROLLER BRACKET	NT-CAV
-		1.	[LILLI]	10481	NUT CONTROLLER BRACKET	S-SPOIZEM
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Date	Total	Time		Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
ht Forward		→			
108	40505	364.	9		PERFORMED OIL CHANGE BOTO 15705
100	TALA	299	Treat		+ U) CH48108-1 FILTER INSTALLED
	1,712	211			CUT APART OLD FILTER. NO DISCA
	_	15		-	ANCES DOTED PERFORMED LEAK
_	-	-			~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~ ~
	-				OP's CHECKS. GA Lowing While-
_		-			
1	1,	1.11	_	. ,	P 11 1 211 1 1 1 1 1 1 1 1
12008	Tach	1 Hobk	5 301	./Hrs.	
			_		heat duct with new clamp. Corrected
	-				Find alternation ground strap to Turbo
	-				reliet value for clearance issues. App
					anti-chate materials to intake duct a
					Grankcase. Replaced Manifold pressure
					controller on firewall with new fact
					replacement part no. 470688.5 serie
					no. 14292 Ground ran - Flight tested
					Normal manifold parameters, -end
					1000
				—	198 (Jun AH 39366575)
	+				Noble Aviation LLC Eagle River WI.
		-			330 Aviation Way
	-	-		-	Pricore Frederick, MD 21701 301-662-8156
	-				CRS LC1R291K
					Date: 2/06/2008; Aircraft: N522SR; Type: CIRRUS DESIGN SR22; S/N: 2475; Hobbs: 345.00; Total Time: 343.70; Feel Design SR22; S/N:
					2475; Hobbs: 345.00; Total Time: 343.70; Engine - Type: , S/N:, Time: 343.8hop Order #: FDK-08-08467
			-		Oil and filter changed, serviced with 8 qts Aeroshell 15W50 and installed no
	1				filter. Old filter cut open and inspected, no contaminates noted. Took sample of that this engine has been inspected from the property of the
	+				that this engine has been inspected in accordance with a Cirrus 350 hour demo-care inspection and has been approved for return to service.
					and has been approved for return to service.
					1861
					C. John Colaluca for Encore Maintenance CRS LC1R291K
	ODEL 10-550	N CI-	ue Dest		
ENGINE S/	N 689544 522SR	Repair	r Station No Y	D5R855Y	Service Center DATE 3/14/2008
WORK ORI 10902-03-2		4515 Duluth	Taylor Circle MN 55811	The state of	A/C TSN 4015 ENG TT 4015
		Phone	218- 788-31	01	HOBBS, 401 5
- (4) Ft T Tie	Entries	anned en-	De cel 22-4 62	- 61	
engine oil was accom Manual	Performed pa plashed I A W	rticulate ins Cirrus SR2	pection on old 12 A.M.M. 12-	r, Champion (filter, none no 10 (7) Repl	CH48108-1,(CDC: P/N 50857-001): Serviced engine with 8 quarts of Aeroshell 15W-50 led. Performed operational and leak check's. Op's and leak check's good. All work accel LH Turbe Latteral Suport Bracket, PN ETI-G2-600-120, IAW TAT Installation
- I have read	money than the	14.			100000000000000000000000000000000000000
details of re	pair are on til	accordance at this Cer	e with current titled Repair S	requirements tation CRS YE	orepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified of the Faderal Aviation Administration and is approved for return to service. Pertinent
DATE: 3/	14/2008		SIGNED:	4	The second second

Date		Tota	l Time		Since Overhaul	Installations	. Inspections, Air	and Maintenance R worthiness Directives, Special In	spections,
		Hrs.	Min.	Hrs.	Min.	Modification	s and Service Bu	ulletins	
115	-		L			Aircraft Reg	522SR	3/6/2008	1
ight F		\Box		_		Manufacturer:	тсм	Work Package: P970	
		\vdash			Y	Model:	IO-550-N	TSMOH:	
-	$\overline{\Lambda}$		-	_	~	Serial Number:	A STATE OF THE STA	Tach Time	
	н	na	no	W		Hour Meter:	389.8	Eng. TT:	
1	FILTER	RANDS	RAINED SAFETIED ACTORY	D, SERVI	PECTED F	ILTER, FILTER 8 QUARTS AS	APPEARED NOR! 15W50. RAN ENG	MAL, INSTALLED NEW CH48108- GINE, OPERATIONAL AND LEAK	
		A1000000		-	1			**	
				-	-			20 pt 321	
	400		-		-	100			
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Th	ne airci	raft, airfr	rame, end	ine. prope	eller or app	lance identified a	bove was repaired	and inspected in accordance	
W	th curr	ent regu	lations of	the Feder	al Aviation	Administration a	nd is approved for r	return to service. Pertinent	
de	tails of	the cep	air are on	file at thi	s repair sta	tion under work p	oackage no. pg70		
		Xh.	1 + 7	~ X					
		DAM	BROKE CONTRACTOR	صور	milh		_ STUART D. SM	All Districts and a second sec	
for	r: Epps	Air Ser	vice, Inc.,	FAA Re	pair Station	ESMR688D, 1	Aviation Way, Atlan	nta, GA 30341 Pg. 1 o 1	-
								5 ATT 3/24/2009	
727	500		to econt		Circus D	esian Factory	Service Center	DATE: 3/24/2008 A/C TSN 4015	
	ENGIN	E MODEL E S/N 689	10+550N 544	13	Donar State	on No YD5R855Y		ENG TT 401.5 HOBBS 401.5	
	REG !	NO 522SR ORDER		XX.	4515 Taylor	Circle		H0883 401.3	
		03-2008		CIBRUS	Phone 218-	788-3101			
_	-	no Ent	ioe		1		The second second	Newtone Automobil solution property a specific	
	Eng	ine Entr	01 8 Channe	ed engine oil	and filter, Chan	npion CH48108-1 (CDC	P/N 50857-001) Service Congrational and leak che	ed engine with 8 quarts of Aeroshell 15W-50 ck's Op's and leak check's good. All work	
	engine	on Perio	med particu	us SR22 A.M	M. 12-10.				
						eno discrenancia forme	The aircraft, airframe, air	rotatt engine, propeller, or appliance identified is approved for return to service. Pertinent	7
	I have	reviewed the	he tile on this sected in acc	aircraft and ordance with	me accompany current require	ements of the Federal A	Awation Administration and	is approved for return to service. Pertinent	21
	details	of repair a	re on file at t	tus Certified	Repair Station (CRS YD5R855Y	//		
	1 2 2 2		000	CI/	SNED: /	1	-/.	Work Order: 10936-03-2008	
	DATI	E: 3/24/20	JUB	Curt	vent	in	ul	Printed by EBis 3 (datcomedia.com)	
			1	Cert	fied Repair Sta	ation No. YDSR855Y			
	i	-12-	1	1		7			
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			No. 2 - 10 - 10	phill tip	-		or reference to		
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	Total Time	Total Time Since Last Overhau		Engine Service and Maintenance Recor Installations, Inspections, Airworthiness Directives, Special Inspection				
	Hrs. Min.		fin.	Installations, Insp Modifications and				
rought Forward	Tonne Same		NO. STORY	Wouldading and	Selvice Dui	leuris		
ought i ormana	ENGINE MODEL IC		s Desig	n Factory Service	Center	DATE 4/5/2008		
	REG NO 522SR	Repair St	Station No.	YD5R855Y		A/C TSN 4015 ENG TT 4015		
	WORK ORDER 11000-03-2008		ylor Circle MN 55811			HOBBS 401 5		
	11000-00-2000		218- 788-3	.101				
	Engine Entrie	s						
	(5) Performed engin	e 100HR inspection	IAW cirru	us mm chapter 5-20 and 5-3	0 (8) Researche	d ADs through bi-weekly issue 2008-07, all ADs are in		
	installed new oil filter	r P/N CH48108-1 an	nd serviced	d engine with 8QTS of Aero	shell 15W-50 oil, L	ormed particulate inspection, no discrepancies noted, eak and operational check good, work-performed IAW		
	cirrus mm chapter 1	12-10 (12) Perform	med engine	e cylinder compression and	boroscope inspecti	ons, no discrepancies noted on boroscope inspection, or onfice reading of 45, work performed JAW T.C.M. MM		
	section 19, and T.C.	M SB 03-3 (13	3) Removed	d, cleaned, inspected, gappi	ed, tested, rotated,	and reinstalled spark plugs IAW T C M MM section 12		
	(14) Performed mag	gneto to engine timin	ng inspectio	on, no discrepancies notedi	on inspection, work	performed IAW T C M MM section 12 (15) Removed MM chapter 71-60 (16) Removed, cleaned, inspected.		
	and reinstalled fuel in	injection nozzles IAV	WICH	MM section 5 (33) Replace	ed R/H cylinder fuel	drain line tube P/N 13913-002. Done IAW CDC AMM		
	brackets and bolt IA	W TATI Installation	Manual	(36) Replaced L/H aff cylin	der baffle spring IA	500-103-2) and lower (PN ETI-G2-600-103-1) support VV AMM 71-00 (37) Replaced LH turbo charger, (PN		
						Check (48) Safeted RH turbo support bracket bots at d fitting IAW standard maintenance practices (58)		
	Performed schedule	ed maintenance chec	cks on Turi	to system IAW Tornado Alli	by Inc. Report 215-	10 (66) I certify that this engine has been inspected in		
	accordance with a 1	100 HR / Annual Insp	pection at	a hobbs time of 403.7 hobbs	s and fit meter @ 3	98.0 hrs and was determined to be in airworthy condition		
	I have reviewed the	file on this aircraft a	nd the acc	companying discrepancy for	ms. The aircraft, a	inframe, aircraft engine, propeller, or appliance identified		
				nt requirements of the Feder Station CRS YD5R855Y	al Aviation Administ	tration and is approved for return to service. Pertinent		
				- 0 1				
	DATE: 4/5/2008		SIGNED:	god gr	M-	Work Order: 11000-03-2008		
			Joseph Sull			Printed by EBis 3 (datcomedia.com)		
			emileu ne	epair Station No YD5R855Y	-	the state of the state of		
		-						
				1	of 1	The second second		
			-					
					50	DATE: 5/15/2008		
	ENGINE MODEL 10 ENGINE S/N: 68954			mmander Aero, Inc	С.	A/C TSN: 443 ENG TT: 443		
	REG NO N522SR	0	1057	air Station No. GA5R-876M 70 Springboro Pike		HOBBS: 443		
	WORK ORDER: 27507-05-2008		Mian	misburg, Ohio 45342 USA ne: 888-881-5580				
			(1000)	MANUAL AND		Frank of Dulbert		
	Engine Entrie	S O Sendr	- 60 hou	- inspection Changed o	and filter. Serv	iced with 8 qts Aeroshell 15W50 (5) Washed		
	(2) Complied with down engine and	n Carrus In-Service I ran for leak chec	ck.	r Inspection. Orango	M WING IMPI	2-1-1-1 - 1-1-1-1-1-1-1-1-1-1-1-1-1-1-1-		
						ALTERNATION AND AND		
		.0						
	Maintenance Releas		*****		econdance with cur	rent FARs rules of the Federal Awation Regulations and		
	NY 1924 WAR Western and I was a series of the series		22SR was Pertine	repaired and inspected in a nt details of the repair are or	accordance with cur n file at this repair s	rrent FARs rules of the Federal Aviation Regulations and tation under Work Order No. 27507-05-2008, Dated		
	NY 1924 WAR Western and I was a series of the series		522SR was e. Pertine	repaired and inspected in a nt details of the repair are or	accordance with cur n file at this repair s	rrent FARs rules of the Federal Avration Regulations and tation under Work Order No. 27507-05-2008, Dated		
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	The aircraft and/or of was found Airworthy 5/20/2008.	component(s) on N5 y for return to service	SIGNED:	Sough	Keon	Work Order: 27507-05-2008		
	The aircraft and/or of was found Airworthy 5/20/2008.	component(s) on N5 y for return to service	SIGNED:	: Jary	Keon	Work Order: 27507-05-2008		
	The aircraft and/or of was found Airworthy 5/20/2008.	component(s) on N5 y for return to service 18	SIGNED: Kromer, Ga Certified Re	: Jary l ery epair Station No. GASR-876N	Keon	Work Order: 27507-05-2008 Printed by EBis 3 (datcomedia.com)		
	The aircraft and/or of was found Airworthy 5/20/2008. DATE: 5/15/2008 ENGINE MODEL: 10556 ENGINE SW. 689544	component(s) on N5 y for return to service 18	SIGNED: Kromer, Ga Certified Re	ery epair Station No. GASR-8764	Keon	Work Order: 27507-05-2008 Printed by EBis 3 (datcomedia.com) DATE: 9/12/2008 A/C TSN 491.7		
	The aircraft and/or of was found Airworthy 5/20/2008. DATE: 5/15/2008 ENGINE MODEL: 10556 ENGINE S/N: 689544 REG. NO. N522SR WORK ORDER:	component(s) on N5 y for return to service 18	SIGNED: Kromer, Ge Certified Re Com Repair: 10570 S	ery epair Station No. GASR-876M	Keon	Work Order: 27507-05-2008 Printed by EBis 3 (datcomedia.com) DATE: 9/12/2008 A/C TSN: 491.7 ENG TT: 491.7		
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	Total	Time	2000	Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
Brought Forward		-			
					THE OHIO STATE UNIVERSITY AIRPORT
					2160 West Case Road Hgr. 3
			_	99	Columbus, Ohio 43235-2526 CRS# IKBRO28F
					Date: 01/21/09 Work Order #: AM03395 N#: N5225K
					Aircraft Make/Model: Cirrus SR22 Serial #: 2475
					Hour Meter: 545.8 Aircraft total time: 545.8
		-			Engine Log:
					1 Loist a Circus 50hr Interval Inspection. Serviced
					with 8qts. Aeroshell 15W50 oil. Leak checked normal.
					A STATE OF THE STA
					"Maintenance Release" The aircraft and/or component identified above was repaired and inspected The aircraft and/or component identified above was repaired and was found
				-	The aircraft and/or component identified above was found in accordance with current Federal Aviation Regulations and was found in accordance with current Federal Aviation details of the repair are on file at
					airworthy for return to service. Pertinent details of the repair
					this agency.
					Signature: for CRS# IKBR028F
The second second					
حرك	7	GIREUX AUREORT			
THE OHIO STATE U 2160 West Case Road Columbus, Ohio 4323; CRS# IKBRO28F ate: 05/20/2009 Work Order ircraft Make/Model: Cirrus/SR	Hgr. 3 5-2526 r#: AM03531		SR		
2160 West Case Road Columbus, Ohio 4323; CRS# IKBRO28F ate: 05/20/2009 Work Order ircraft Make/Model: Cirrus/SR	11gr. 3 5-2526 r#: AM03531	N#: 522 Serial#: 2475 Serial#: 6895	4		
2160 West Case Road Columbus, Ohio S CRSW IKBRO2857 ate: 05/20/2009 Work Order ircraft Make/Model: Cirrus/SR ngine Ma ontinental/10550N46	11gr. 3 5-2526 r#: AM03531	N#: 522: Serial#: 2475 Serial#: 6895- Er	14 ngine T:		
2160 West Case Road Columbus, Ohio 200387 CRS# IKBRO2837 ate: 05/20/2009 Work Order ircraft Make/Model: Cirrus/SR ngine Ma ontinental/10550N46	1 Hgr. 3 5-2526 r#: AM03531 122 ake/Model:	N#: 522: Serial#: 2475 Serial#: 6895- Er	14 ngine		
2160 West Case Road Columbus, Ohio 4323: CRS# IKBRO28F ate: 05/20/2009 Work Order ireraft Make/Model: Cirrus/SR agine Ma ontinental/10550N46 light Meter: 581.9 Engin Cngine Log Complied with 100 Hour insp	Hgr. 3 5-2526 r#: AM03531 122 ake/Model:	N#: 522 Serial#: 2475 Serial#: 6895 E ew T	14 ngine T:		
2160 West Case Road Columbus, Ohio 4323* CRS# IKBRO28* ate: 05/20/2009 Work Order ireraft Make/Model: Cirrus/SR agine Ma ontinental/10550N46 light Meter: 581.9 Engin Complied with 100 Hour insp inspection guide Changed oil and filter, service Changed oil and filter, service	Hgr. 3 5-2526 r#: AM03531 122 ake/Model: paction I A W. Cod with 8 quarts	N#: 522: Serial#: 2475 Serial#: 6895- iew T S8 Cirrus SR22	14 ngine T: 17.6		
2160 West Case Road Columbus, Ohio 20028F ate: 05/20/2009 Work Order ircraft Make/Model: Cirrus/SR agine Ma ontinental/10550N46 light Meter: 581.9 Engin Ingine Log Complied with 100 Hour insp inspection made	Hgr. 3 5-2526 r#: AM03531 122 ake/Model: me TSMOH: No exection I A W. C od with 8 quarts n CH48108-10 ne mount tore me mount tore	N#: 522: Serial#: 2475 Serial#: 6895- Sew T T St Cirrus SR22 s Acroshell 15' at filter que check 1.7	ngine T: 17.6		
2160 West Case Road Columbus, Ohio 4323; CRS# IKBRO28F ste: 05/20/2009 Work Order reraft Make/Model: Cirrus/SR sgine Ma ontinental/10550N46 light Meter: 581.9 Engin rgine Log Complied with 100 Hour insp inspection guide Changed oil and filter, service and installed a new Champion Compiled 500 hour Engin	Hgr. 3 5-2526 r#: AM03531 122 ake/Model: the TSMOH: Notes that a quartate of the thick of th	N#: 522 Serial#: 2475 Serial#: 6895- ew T S8 Cirrus SR22 s Acroshell 151 il filter que check L/ time, next	MY50		
2160 West Case Road Columbus, Ohio 4323; CRS# IKBRO28F ste: 05/20/2009 Work Order ireraft Make/Model: Cirrus/SR spine Ma notinental/10550N46 light Meter: 581.9 Engin Complied with 100 Hour insp inspection guide Changed oil and filter, service and installed a new Champion Complied 500 hour Engin annual inspection No de 1081.9 Complied with SID 97-3 Engin normal Replaced right waste gate	Hgr. 3 5-2526 r#: AM03531 122 ake/Model: ne TSMOH: No section I A W. Cod with 8 quarts n CH48108-1 one mount torcefects at this sinc fuel flow ter e with new p	N#: 522: Serial#: 2475 Serial#: 6895: Ex. T. T. S8 Cirrus SR22 s Aeroshell 15' il filter que check 1./ time, next st. All reading.	t4 T: 17.6 W50 A.W.		
2160 West Case Road Columbus, Ohio 43237 te: 05/20/2009 Work Order craft Make/Model: Cirrus/SR gine Ma minental/10550N46 ght Meter: 581.9 Engin ngine Log Complied with 100 Hour insp inspection guide Changed oil and filter, service and installed a new Champion Complied 500 hour Engin annual inspection. No de 1081.9 Complied with SID 97-3 Engin oormal Replaced right waste gate and two gaskets FG01208:	Hgr. 3 S-2526 r#: AM03531 122 ake/Model: ne TSMOH: No coction I A W. 6 od with 8 quarts n CH48108-1 one mount tore effects at this interfuel flow ter e with new p 30	N#: 522: Serial#: 2475 Serial#: 6895- Serial#: 6895- Serial#: 58 Cirrus SR22 s Acroshell 151 al filter que check 1.4 time, next st. All reading.	14 T: 17.6 W50 A.W. due:		THE OHIO STATE UNIVERSITY AIRPORT
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2160 West Case Road Columbus, Ohio 4323* CRS# IKBRO28* ate: 05/20/2009 Work Order ireraft Make/Model: Cirruu/SR agine Ma entinental/10550N46 light Meter: 581.9 Engin Complied with 100 Hour insp inspection guide Changed oil and filter, service and installed a new Champion Complied 500 hour Engin annual inspection. No de 1081.9 Complied with SID 97-3 Engi normal Replaced right turbo oil in leak check - normal Installed waste gate Lin replacement REV H. I.A.V Part # 22-5650008 Replaced gasket on access new # 63487, leak check Ground run for operational an certify that this Engine has been sur inspection and was determin applicable A D. is checked this.	Hgr. 3 S-2526 r#: AM03531 122 ake/Model: ne TSMOH: No section I A W. C od with 8 quarts n CH48108-1 one mount torg effects at this sine fuel flow ter e with new p 30 llet gasket # C okage Cable W Tornado sory gear bon normal, d leak check sa inspected in ac nord to be in ai 2009-10 cc Release* lentified above cut Federal Av	N#: 522: Serial#: 2475 Serial#: 6895: Ex. T. T. S8 Cirrus SR22 s Acroshell 15's of filter que check 1./ time, next st. All readings part# 22-6150 652100. Fund Assembly, Alley Turbo x face plate stisfactory. coordance with inworthy condi- was repaired viation Regulation details of	wiso X W. due: S. 0026 Stion field lnc. with 100 tions of the		2160 West Case Road Hgr. 3 Columbus, Ohio 43235-2526 CRS# IKBRO28F Date: 08/21/09 Work Order #: AM03668 N#: N522SR Aircraft Make/Model: Cirrus SR22 Serial #: 2475 Hour Meter: 624.8 Aircraft total time: 624.8 Engine Log: 1. Changed oil and filter. Serviced with 8qts. Aeroshell 15W50 oil. Leak checked normal. "Maintenance Release" The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulationy and was found airworthy for return to servere. Pertinent details of the spair are on file at this agency.

Andrew Towns of the second of				Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins
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		مزل		Sales .	
. 1	THE OHI	O STATE	UNIVERS	ITY AIRI	PORT
	Č	olumbus.	Ohio 4323	5-2526	
Date: 01/08/	2010 1		IKBRO28		
Aircraft Ma			er#: AM0		N#: 522SR
Engine Mak					ial#: 2475 ial#: 689544
Flight Meter			ine TT: 67		1818: 082544
Engine 1					
	-				
 1. Replace serial# 	d starter N/A. Nev	adapter as v unit obta	sembly wi	th new un	nit part# 642083-1A2, I FAA form 8130 is on
- file at ti	nis repair s	tation.			
- New ur	ed starter n	notor with ed from TC	new unit pa	irt# 657596 VA form 8	96, serial# 4C3-370927. 8130 is on file at this
repair s	tation				
5. Ground	run for op	erational a "Maint	and leak che	ck was sat lease"	tisfactory.
The aircraft a	and/or con	ponent ide	entified abo	ve was ren	paired and inspected in
accordance	with curr				Partie and and provide in
airworthy for	return to	ent Federa service. Pe	atinent deta	 Regulation Regulation 	tions and was found
agency.	return to	service. Pe	ertinent deta	Regulati	tions and was found repair are on file at this
agency.	return to	service. Pe	AVIATION extinent deta	n Regulati	tions and was found
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agency.	return to	service. Pe	END-	nils of the r	tions and was found repair are on file at this
agency.	return to	service. Pe	A Maio	nils of the r	tions and was found repair are on file at this
Signature:	Red Control to Service Control t	service. Pe	END-	nils of the r	RS# IKBR028F
Signature:	Red Control to Service Control t	ECT	END-	nils of the r	tions and was found repair are on file at this
Signature:	Red Control to Service Control t	service. Pe	END-	nils of the r	Jet Select LLC
Signature:	Red Control to Service Control t	service. Pe	END-	nils of the r	Jet Select LLC 4130 E 5 th Avenue
Signature:	SEL	ECT	END-	for CR	Jet Select LLC 4130 E 5 th Avenue
Signature:	SEL	ECT Cirri	us SR-22	for CR	Jet Select LLC 4130 E 5 th Avenue Columbus, OH 43219 V 2475 Hobbs: 679.3
Signature:	SEL	ECT Cirri	us SR-22	for CR. S/N Was Peroved Oil	Jet Select LLC 4130 E 5 th Avenue Columbus, OH 43219 N 2475 Hobbs: 679.3 erformed: Dil Filter And Installed New CH48108-1
Signature: JET N522 The F Drain	SEL SR collowing and English	ECT Cirring Maint ine Oil A	us SR-22	for CR: Was Peroved Oil	Jet Select LLC 4130 E 5 th Avenue Columbus, OH 43219 N 2475 Hobbs: 679.3 erformed: oil Filter And Installed New CH48108-1 ainments. No Discrepancies Noted.
Signature: JET N522 The F Drain	SEL SR collowing and English	ECT Cirring Maint ine Oil A	us SR-22	for CR: Was Peroved Oil	Jet Select LLC 4130 E 5 th Avenue Columbus, OH 43219 N 2475 Hobbs: 679.3 erformed: oil Filter And Installed New CH48108-1 ainments. No Discrepancies Noted.
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Date			Time Last O		Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
ought Forward		-			
- Ict	CELE	СТ			Jet Select LLC
_ JETS	DELL	CI			4130 E 5 th Avenue
_		3			Columbus, OH 43219
1.					
N522SF	1	Cirriu	s SR-22	S/N 2	475 Hobbs: 702.6
The Fol	lowing	Mainte	nance V	Vas Perf	ormed:
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— Filter.	Inspect	ed Oil F	Filter For	Contair	mments, No Discrepancies Noted.
			8qts Phi	ilips 20	v-50 Oil. Performed Ground Engine
- Kun an	d Leak	neck.		/	
	-//	/	- /		
_ /	11	-	7-1		AP 2804359 3/15/2010
David I	Fragale	/	b to E		
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- =	G.	7	8		
- ~	ىر ك	,	***************************************		
2160 W	HIO STATE est Case Road bus, Ohio 432	d Hgr. 3	YAIRPORT		V Company of the Comp
	KBRO28F		N#: NS	2SR	
Acft Make/Model	Cirrus SR 2	1	Serial#: 2475 Serial#: 6895		
Eng Make/Model: Hour Meter: 730.		I-N pine TT: 730.4			
Engine Log					
Complied of	with 100hr in	nspection () Bqts. Aerosh	A.W. Cirrus SI nell 15W50 oil	R22 inspection Function ar	n dileak
checked n	ormal.	ozzles Ne	vt due 1030 4		
I certify that this I was determined to	be in airworth	on inspected in condition / "Maintenance	All applicable A k) 's checked the	2010-07.
The aircraft and/o	r component is ral Aviation R	dentified above egulations and	e was repaired as I was found airw	nd inspected in a	occordance to service
Pertinent details o	the reparate	on file at this	agency	,	
Supratry		111	Mar	ewar -	
- 70	\sim	11	1		
1		+	_	-	
	-	-		-	
	-	-			
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100					
					77

Date	Total	Time		Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
Brought Forward		-			
	5/1	9/10 I	It Hobb	s 738.5	N522SR ENGINE
				02000	oved the #3 & #4 cylinders due to low compression. The #4 &
	#6	cvlinde	rs were i		Ling The three cylinders were sent to Poplar Grove
	Air	motive	for repa	ir. Reins	alled the repaired symmetry Trail Pine Hangar Penlacement by
	wit	h Torna	do Alle	ine hang	ars with new hangars provided by Tornado Alley. Replaced the
	im	pulse co	oupling (on the lef	t magneto. The engine was serviced with 8 qt. of 100 Aeroshell and checked for operation and leaks. Checked ok.
	mi	neral. T	he engir	e was ra	n and checked for optiminating
			_		The circuit and/or component identified
					capardance with current Federal Aviation
					Regulations and is approved for return to nearlies.
					Fertinent details of the repair are on file at the agency under work order:
					10 M10-H413 H414 5/19110
					Signed Marel B Mily char
					G-Force Aviation, Inc. Auton/Canton Regional Airport
				1	E. alding #17
	-				A Ropair Sta. G25R235Y
			-	-	
				-	
	F				1,3
	Eps 1				2
		N522S	R	Cirrus S	R22 S/N: 2475 HOBBS: 0748.7
	-	EN	GINE:		
100	-	Draine	d oil, no	sample	taken, removed filter and inspected - nothing
	-3	with 70	its Aero-	Shell 15W	d new filter p/n CH48108-1 and serviced engine /50 oil. Ground leak check OK – no leaks noted.
		Adjuste	ed Rt was	te gate ca	able/re-adjusted spring support bracket.
			6		e, airframe, propeller or appliance identified above
		was re	paired an	d/or inspe	ected in accordance with current regulations of the
		Federa is app	Aviation roved for	Administ return	tration and with respect to only the work performed to service. Pertinent details of the work and/or
		inspect	tion perfo	rmed are	on file at this repair station under work order
		numbe	r_97955	1) as Bens
	1	Date (06/01/201	0 By	anell Stulk AP2162349 for
			S. Carlo	The state of	NORTH COAST AIR, LLP
			13000		
					Hangar 1, 4645 W 12th St
					Hangar 1, 4645 W 12th St Erie, PA 16505

=

Date

Total Time

Time Since Last Overhaul Engine Service and Maintenance Record

POWERMASTER AIRCRAFT ENGINES

9027 S. Airport Way Jones/Riverside Airport **Tulsa OK 74132** 918-299-0269 FAA CRS # P46R287Y

Engine Rep	air l	Reco	rd
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Engine Make: Continental

Model: IO-550N

Serial Number: 689544 PAE Work Order: 3336

Date of Overhaul: 8-16-2010

Tach Time: 758.9

Disassembled engine, cleaned, inspected. Crankcase inspected and overhauled by Divco on WO# 102684, replaced all cylinder deck studs. Crankshaft ultrasonic inspected. Assembled engine using new main bearing set, all gaskets and seals replaced. Overhauled cylinders, replaced exhaust guides, intake and exhaust valves, intake guide seals, honed barrels for ring finish, fit P05 oversize ring sets to barrels. Completed engine assembly in accordance with TCM Overhaul Manual. Tested ran engine and leak checked. Removed and cut filter and examined for contaminates, none found, installed new CH48108 filter. Drained oil and prepared for shipping.

Signature

FAA CRS #P46R287Y

	N522SR	Cirrus SR22	S/N: 2475	HOBBS: 0774.3		
	- ÉNGINE:				MIDERAL	010
	abnormal note	d. Installed new	filter p/n CH4810	nd inspected - nothing 8-1 and serviced engine	CHANCED	AFTER
	with 7qts Aero no leaks noted	-Shell W100 oil &	& 1pt cam guard	Ground leak check OK -	CHANCED CYLINDGR	REWORK
*	was repaired a Federal Aviatio is approved fi inspection per	and/or inspected in on Administration a for return to serv formed are on file	a accordance with and with respect to ice. Pertinent det le at this repair s	ppliance identified above current regulations of the only the work performed ails of the work and/or tation under work order AP2162349 for		
1		Hangar Er	1 COAST AIR, LLP 1, 4645 W 12th St ie, PA 16505 114)836-9220			

	Date	Total	Time	The second secon	Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,					
		Hrs.	Min.	Hrs.	Min.	Installations, Inspection Modifications and Servi			es, Special Insp	pection	ns,
Brou	ght Forward		→								
	engine tim RHB29E s adjusted lo MP up 13	CIRRUS al IO 55 HC-J3Y cowling, ing from park plug w and hi degrees. le. Adjust	S SR 22 50 N 46 F-1N adjusted Left @ gs. Adju igh fuel Sealed sted nos	S/N (S/N FI d wasgate +2.75° a sted heat pressure airleaks i e wheel t	589544 P5723B Inkage and Right shields of per SID 9 in silicondension, c	Flight 791.4 Hrs Flight 791.4 Hrs for proper clocking. Rer @ -1.85° to both at05° on exhaust, replaced fuel 07-3E. Realigned #5 CH e, applied anti –chaffe Te hecked prop balance and	noved s from n nozzle T probe	nominal of 21.5°. on #2 "C" and #4 e to clear heat shie oi-wrap to battery	ed mag to Installed new I "C" eld. Adjusted cable and		
_	THE AIRC	CRAFT,	ENGIN	E, PROP	ELLER A	AND OR APPLIANCE I DANCE WITH CURRE				-	+
	AND IS A						NI KE	GOLATIONS OF	THE FAA	_	-
	/) /	//								
	11	1	Υl								
-	m/ K	NON	P D 2556	.0.0		AND A PROPERTY OF THE COLUMN	OFC				
-	JIMABAR Hangar (7	KER A&		0009		AVIATION RESOUR				-	
_		15) 491				Cumberland, W					
	aviationvi					www.aviationvi					
	TI				7-7						
-				oni. 2	475	HOBBS: 0835.5			2020ena A	-	
7	N522SR	Cirrus	SR22	S/N: 2	4/5	1100001	5	omal 7qts ir as	f the med nd/or		
İ	ENGINE: Drained oil, s noted. Insta Aero-Shell W noted.	sample tal lied new 100 oil +	ken, remo filter p/n 1pt cam	oved filter CH48108 guard. G	and inspect -1 and se sround lea	cted – nothing abnormal rviced engine with 8qts k check OK – no leaks	HOBBS: 0810.1	ed – nothing abnormal iced engine with 7qts vressure controller as s noted.	iance identified above rent regulations of the ly the work performed of the work and/or on under work order	AP2162349 for	•
	was repaired	and/or in tion Admir for retur erformed	nistration n to ser are on	and with vice. Per file at this	respect to tinent deta s repair s	ppliance identified above current regulations of the only the work performed ails of the work and/or— tation under work order	S/N: 2475	ENGINE: Drained oil, sample taken, removed filter and inspected – nothing noted. Installed new filter p/n CH48108-1 and serviced engine Aero-Shell W100 oil. Adjusted/increased manifold pressure conneeded. Ground/functional check satisfactory. No leaks noted.	The aircraft, aircraft engine, airframe, propeller or appliance was repaired and/or inspected in accordance with current re Federal Aviation Administration and with respect to only the is approved for return to service. Pertinent details of thinspection performed are on file at this repair station un number 979745.	Busple Itulo	NORTH COAST AIR, LLP
	Date: 12/09/	2010 By_	Putre	il sh	hlersh	AP48507269 for		dy C o	in a in a range range	3	Ę,
			Hanns	rH COAST ar 1, 4645 Erie, PA 1 (814)836-	W 12th S		Cirrus SR22	s taken, ren ew filter p/r oil. Adjuste ictional che	engine, air r inspected ministration turn to ser turn to ser		NORT
				,,,,,,			Ü	sampl lled n /100 ind/fur	and/o ion Ac for re orform	010 B	
								NE: oif, tansta	ired iviatived viatived ed 979	2772	
							N522SR	ENGINE: Drained oil, noted. Insta Aero-Shell v	The aircraft, aircrawas repaired and Federal Aviation / Is approved for inspection perfornmere 979745	Date 10/27/2010 By	
		-									

Date	Total	Total Time		Since verhaul	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections,			
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins			
Brought Forward	=	→						
					N522SR Cirrus SR22 S/N: 2475 HOBBS: 0864.6 Engine Sn: 689544 Cont Motor IO-550-N			
					Drained oil, sample taken, removed filter and inspected – nothing			
			-		abnormal noted. Installed new filter Pn: CH48108-1 and serviced engine with 7 qts Aero-Shell W100 oil + 1pt cam guard. Ground leak			
					- check OK - no leaks noted.			
	-				The aircraft, aircraft engine, airframe, propeller or appliance identified above was repaired and/or inspected in accordance with			
		-			current regulations of the Federal Aviation Administration and with			
					respect to only the work performed is approved for return to service. Pertinent details of the work and/or inspection performed			
					are on file at this repair station under work order number 979965.			
					Date: 03/23/2011 By Putrick Syllushap 048507269 for			
					NORTH COAST AIR, LLP			
					Hangar 1, 4645 W 12th St Erie, PA 16505			
					(814)836-9220			
•	-			-	9 LAST ENTEY AS OF 4/20/1)			
		7		5.	7 MAST ENTEY AS OF 4/20/11			
7	127	12	IBBUS					
THE OIIIO STATE U		Y AIRPOR	Т					
Columbus, Ohio 4323 CRS# IKBRO28F								
	Order#: A	M04426	N#: 5225	-				
Aircraft Make/Model: Circ Engine Make/Model: Cont		50N46	Serial#: 2 Serial#: 6					
Flight Meter: 0878.7	Engine TS	MOH: New	Engine T	T: 0878.7				
Engine Log				F	4			
 Complied with Annual finspection guide. 								
2. Compressions were #1 #6 77/80.				5 /5/80,				
 Oil and filter have 14. AD 05-12-06 "Bendix (R/H). 				0991.7tt				
Replaced L/H exhaust 618000! (C of C) *Re								
instructions Performed dye penetra								
cracks detected. C/W Tornado Alley IC	A Next due	06/2012.						
Replaced V-band clam Next due 1378.7tt.		emation of	11-1100023, C	of C				
Fuel injector cleaning of Ground run satisfactor	y		150 276					
certify that this Engine hispection and was determine	ned to be in							
	Maintenance		andres de la constant					
he aircraft and/or compone coordance with current li inworthy for return to service	Federal Avia	ation Regul	ations and v	vas found -				
irworthy for return to service gency.	- remnent	details of the	e repair are on	me at this				
1 1	101	END						
Signature Ale	11	for C	CRS# IKBR02	8F				
0								
		12.00	T					
	-							
			1					

Date	Total	Time		Since Overhaul	Engine Service and I	Maintenance k
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthin Modifications and Service Bulletins	ness Directives, Special Ins.
Brought Forward		→				
				4645 W	12th C+	Ed. Dr
North Coast Air	r, LLP		Cirrus SI		SN: 2475	Erie PA 16505 HOBBS: 0929.3
N522SR						
ENGINE: Engine	e Sn: 68	39544,	Cont N	lotor IO-	550-N	
Drained oil, sar filter Pn: CH48: no leaks noted	108-1 a	ken, re nd serv	moved f	ilter and	inspected – nothing abnormal no 8 qts Aero-Shell W100 oil. Groun Putrich Adlusta	- IOUN CITCCH ON -
- North Coa	st Air. L	LP		464	5 W 12 th St	Erie PA 16505
N522SR			Cirro	us SR22	SN: 2475	HOBBS: 0975.3
Drained oil filter Pn: C leak check	l, samp H48108	le taker 3-1 and	n, remov serviced	ed filter	and inspected – nothing abnorma with 8 qts Aero-Shell W100 oil + 1 Patrick Aflersh	I noted. Installed new pt cam guard. Ground A&P 3570236
North Coas	st Air, L	LP	720		5 W 12 th St	Erie PA 16505
N522SR				is SR22	SN: 2475	HOBBS: 0982.0
_ Engine: Sr	n: 68954	14, Co	nt Moto	r 10-550	N	
R&R starte	r adapt 3470/N	er w/ro //S9021	ebuilt ur -038/MS	nit (R642 59134-01	083-A12, SN: N/A) as needed. Ald). Ground run for operational/leak	ong with new seals & check ok.
– gaskets (65 –						- 0 - 10 - 0 - 0
– gaskets (65 – –					F. Can	A&P 2162349

in			Total	I Time		Since Overhaul	Engine Service and Maintenance Record
		1	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
77						-	Modifications and Service Bulletins
							North East Aero
					7 W	DD	
				,	/ Hang	gar KD	Montgomery NY, 12549 (845) 457-1184
01	Anril	2012	,			John Ti	Design SR22 N522SR S/N 2475 me: 1002.6 Air Hobbs: 996.8
		-5501				S/N: 6895	
				Annual	Inspection	on IAW C	Cirrus Design 100hr/Annual Inspection checklist and Teledyne Continental
		141010	19 901 4	ice man	uai.		
	2.	Ran e	ngine	and reco	orded cy	linder cor	mpressions: 1) 70/80 2) 71/80 3) 72/80 4) 70/80 5) 73/80 6) 68/80
	J	Diani	cu on	and Icia	illed san	ipie for a	nalysis, removed oil filter cut and inspected with no contamination and a
		*******	TOU HO	W THICH	LI/IN. L.F	148 IUX. I	1 Safety Wired and added Sate Associate Wildow 1 11 2 2
				ppvu aii	u i otatet	i alii shark	niliae ae reguired
	6.	Inspe	cted al	l oil line	es and fi	tings	h no contamination noted.
	7. 1	Remo	ved R	H and I	H maon	etos and	sent to Maxwell's magnetos for 500hr inspection. Received, re-installed
					g BTDC	C. (P/N: 10	0-357520, 649954) Details of work completed can be found on Maxwell's
1	8.]	Remo	ved ar	nd repla	ced mag	neto press	sure filter with new. (P/N: 1396-2)
	, ,	recuie	Aca al	iu repia	cea turb	OIL SCAV	enge nump housing goalest with (DAI (50 top)
		CICUM.	cu and	auiusit	zu mauci	ion duct	nocitioning or required
	12 1	Re-ro	oved ar	nd repla	ced #1 a	nd #3 EG	T probes with new. (P/N: 16579-002)
	13. 1	Remo	ved L	H interc	cooler of	eaned ail	wiring harness as required. from interior and re-installed.
	14. 1	Remo	ved di	uct tane	from RI	H heater s	cat hose and applied RTV to prevent chafing as required.
		COLLIC	red al	iu icpia	ccu Ln	cviinder d	ITAIN line with new ac required (DAL 642504)
	10. /	rauju:	sted Lr	ri tali pi	pe as rec	uired to r	prevent hinding of wastegate albour
	1/. 1	nstai	ied exi	naust he	at shield	s properly	v and re-secured
	18. I	Remo	ved, c	leaned a	and servi	ced induc	ction air filter as required
2.	19. (comp	oleted A	AD sear	ch and c	omplied	with all outstanding AD's as required. Reference AD list dated 04/12.
						cerujy u	us Engine was inspected in accordance
				,,,,	. 4 1001	ii/Annuu	I inspection, and found to in Airworthy condition. James T. Markey 3166872IA
							James 1. Markey 31668721A Jan 1 Marky
	_	+	-	-			
Mo	un	tai	nA	ircn	aft M	lainte	enance, Inc
							970) 870-8986 Fax (970) 870-0387
			, Otour	nout op	inigo, oc	200411 (570) 070-0300 Fax (970) 670-0387
				A	oril 17,	2012	Hobbs 1015.4 Flt Hobbs 1009.6
					N5	22SR	TCM IO 550-N S/N 689544
A -J1				242 442			
Aaju	sted	MA	P Cor	ntroller	and fu	el flow	per Tornado Alley Turbo, Inc. maintenance manual. MAP set
20.0	, luc	-1110	W 33.	o Grn	at 190	aearees	Oll temp. Lested all ignition leads for right magnets and the
·uuic	HILL	SHELL	silve,	replace	491366	magnet	o capacitor. Ground ran engine, all operations normal, no leaks
		1	Lin	D	11.		
	(700	MA	My	49		
		+	-		,		
						4	
						-	
				- 1			
		+	+	-		-	A LEAST AND THE THE PARTY OF TH
							A LE LA TORA DA LA SERVICIO DE LA TROPIA
							A LEAD TO A LANGE OF THE STATE



Date	Total	l Time		Since verhaul	Engine Service and Maintenance	Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Modifications and Service Bulletins	Inspections
Mounta	in Ac	ircras	4 Ma	inten	ance, Inc	
P.O. Box 7721	4, Steamh	boat Sprin	gs, CO 80	477 (970	0) 870-8986 Fax (970) 870-0387	-
		Apr	il 23, 2	012 F	Hobbs 1026.9 Flt Hobbs 1021.1	
					TCM IO 550-N S/N 689544	
Changed oil No abnorma engine, no l John Duffy	eaks not	ted, all o	I OIG THE	er. Adius	08-1 oil filter and serviced engine with 7 Qts Aeroshell sted propeller governor for red line and cruise rpm. Groal.	100 oil und ran
	*					
ENGINE MODEL: IO ENGINE SM: REG. NO: NS22SR WORK ORDER: 000 Engine Entries Adjusted fuel m	Repair S 00818 44 MAC Merced, Phone: 2	Aero Ente Station No. 7TU READY DRIVE CA 95340 209-722-7300 Uel pressure	R0128	ado Alley T	DATE: 5/4/2012 AC TSN: 1028 2 ENG TT: TACH: Turbos AMM and TCM SID 97-3,	
Maintenance Rele		-			Tom did 97-5,	
The aircraft and/o Aviation Regulation	component(s	s) on N522SR ound Airworth	was repaire	d and inspect	ed in accordance with current FARs rules of the Federal	
DATE: 5/4/2012		SIGNED:	W.	De		-
S Tops						
				1 of 1		
	1	' '		-		
ENGINE MODEL: ENGINE SAN: 8895 REG. NO: N522SR WORK ORDER: 00	Repair 0000842 44 MA Merce	Aero Ent r Station No. 7T CREADY DRIV Id, CA 95340 2 209-722-7300	LR0128 E		DATE: 5/29/2012 A/C TSN: 1046.2 ENG TT: TACH:	2
shell 100W, p	50 hour serv ter and cut o erformed rur	pen, no del	bris found.	nstalled A n	cowlings, drained engine oil, took A oil sample, new oil filter, serviced engine 8 quarts of aero einstalled cowlings.	
Maintenance Re	2011/00	A MANUA DESCRIPTION				
Aviation Recute	oons and was	(s) on N522S found Airwor	R was repair thy for return	ed and inspect to service.	cted in accordance with current FARs rules of the Federal	
Amazon Rayus	2	SIGNED:	MA	16-	Work Order: 00000842	
DATE: 5/29/201		0	/			
Anaudi Raguia		Chris Pales Certified R		No. 7TLR012	Printed by EBis 3 (datcomedia.com)	

Date	Total	Time	ne Time Since Last Overhaul		Engine Service and Maintenance Recor			
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections Modifications and Service Bulletins			
ought Forward	-							
Moun	tain	Aircr	aft M	ainte	nance, Inc	۰		
P.O. Box 77	72114, Stea	mboat S	prings, CO	80477 (9	70) 870-8986 Fax (970) 870-0387	H		
			gust 17		Hobbs 1093.1 Fit Hobbs 1087.4 TCM IO 550-N S/N 689544			
oil. No ab	onormal o	lebris n 349136	stalled ne	0114	3108-1 oil filter and serviced engine with 7 Qts Aeroshell 15W50 Ground ran engine, no leaks noted, all operations normal.			
	- X		/					
			Mari	intain	Aircraft Maintenance Inc.			
		P.O.			mboat Springs, CO 80477 PH: 970-870-8986			
Aeroshell	n engine 15W50 oi service f	to warr il. Wash or the w	m oil. Ch ed engine ork perfo	anged o e as required. W.	550-N S/N:689544 HOBBS:1129.7 DATE:01/04/13 il & filter. Checked old filter for contamination. Serviced engine with uired and ground ran for leak check. Satisfactory at this time. Engine O. 0105 - END -			
A&P 3014		Da	11.	Ly.				
	-					ř		
					nance, Inc 170) 870-8986 Fax (970) 870-0387			
P.O. Box 77	2114, Stea	Jan	nuary 22 N52	80477 (9 2, 2013 22SR	Hobbs 1147.6 Flt Hobbs 1141.8 TCM IO 550-N S/N 689544 S. Complied with 50 hour inspection items provided by owner.			
P.O. Box 773	2114, Stea	Jan naust ban of en	nuary 22 N52 ank heargine, en	80477 (9 2, 2013 22SR t shields gine cor	Hobbs 1147.6 Flt Hobbs 1141.8 TCM IO 550-N S/N 689544 S. Complied with 50 hour inspection items provided by owner. Imponents and compartment. Ground ran engine, all operations			
P.O. Box 773	2114, Stea	Jan naust ban of en	nuary 22 N52 ank heargine, en	80477 (9 2, 2013 22SR t shields gine cor	Hobbs 1147.6 Flt Hobbs 1141.8 TCM IO 550-N S/N 689544 S. Complied with 50 hour inspection items provided by owner. Imponents and compartment. Ground ran engine, all operations			
P.O. Box 773	2114, Stea	Jan naust ban of en	nuary 22 N52 ank heargine, en	80477 (9 2, 2013 22SR t shields gine cor	Hobbs 1147.6 Flt Hobbs 1141.8 TCM IO 550-N S/N 689544 S. Complied with 50 hour inspection items provided by owner. Imponents and compartment. Ground ran engine, all operations			
P.O. Box 773	2114, Stea	Jan naust ban of en	nuary 22 N52 ank heargine, en	80477 (9 2, 2013 22SR t shields gine cor	Hobbs 1147.6 Fit Hobbs 1141.8 TCM IO 550-N S/N 689544 S. Complied with 50 hour inspection items provided by owner. mponents and compartment. Ground ran engine, all operations			
P.O. Box 77	2114, Stea	Jan naust ban of en	nuary 22 N52 ank heargine, en	80477 (9 2, 2013 22SR t shields gine cor	Hobbs 1147.6 Flt Hobbs 1141.8 TCM IO 550-N S/N 689544 S. Complied with 50 hour inspection items provided by owner. Imponents and compartment. Ground ran engine, all operations			
P.O. Box 773	2114, Stea	Jan naust ban of en	nuary 22 N52 ank heargine, en	80477 (9 2, 2013 22SR t shields gine cor	Hobbs 1147.6 Flt Hobbs 1141.8 TCM IO 550-N S/N 689544 S. Complied with 50 hour inspection items provided by owner. Imponents and compartment. Ground ran engine, all operations			
P.O. Box 77	2114, Stea	Jan naust ban of en	nuary 22 N52 ank heargine, en	80477 (9 2, 2013 22SR t shields gine cor	Hobbs 1147.6 Flt Hobbs 1141.8 TCM IO 550-N S/N 689544 S. Complied with 50 hour inspection items provided by owner. Imponents and compartment. Ground ran engine, all operations			
P.O. Box 77	2114, Stea	Jan naust ban of en	nuary 22 N52 ank heargine, en	80477 (9 2, 2013 22SR t shields gine cor	Hobbs 1147.6 Flt Hobbs 1141.8 TCM IO 550-N S/N 689544 S. Complied with 50 hour inspection items provided by owner. Imponents and compartment. Ground ran engine, all operations			
P.O. Box 773	2114, Stea	Jan naust ban of en	nuary 22 N52 ank heargine, en	80477 (9 2, 2013 22SR t shields gine cor	Hobbs 1147.6 Flt Hobbs 1141.8 TCM IO 550-N S/N 689544 S. Complied with 50 hour inspection items provided by owner. Imponents and compartment. Ground ran engine, all operations			
P.O. Box 773	2114, Stea	Jan naust ban of en	nuary 22 N52 ank heargine, en	80477 (9 2, 2013 22SR t shields gine cor	Hobbs 1147.6 Flt Hobbs 1141.8 TCM IO 550-N S/N 689544 S. Complied with 50 hour inspection items provided by owner. Imponents and compartment. Ground ran engine, all operations			
P.O. Box 773	2114, Stea	Jan naust ban of en	nuary 22 N52 ank heargine, en	80477 (9 2, 2013 22SR t shields gine cor	Hobbs 1147.6 Flt Hobbs 1141.8 TCM IO 550-N S/N 689544 S. Complied with 50 hour inspection items provided by owner. Imponents and compartment. Ground ran engine, all operations			
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ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 IO-550-N(46) Continental **N522SR** S/N: 689544 Total Time: 1157.6

Flight Hobbs: 1157.6 Hobbs Meter: 1163.4 21 May 2013

Date

Brought For

100 Hour Inspection for Annual completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Tornado Alley Turbo, Inc. (ICA) Scheduled Maintenance Check List as a guide. Changed engine oil and filter using (Aeroshell 15W-50). Cut oil filter open and inspected, no ferrous contaminates noted. Oil sample taken and submitted. Compression test: #1) 76/80, #2) 75/80, #3) 78/80, #4) 75/80, #5) 75/80, #6) 64/80. Lapped #6) cylinder exhaust valve. Reinstalled valve rocker assembly using new locking washers P/N: 501868 and reinstalled valve rocker cover using new gasket P/N: 655705. Installed (12) new Champion RHB29E spark plugs. Checked timing of magnetos to engine. Cleaned, inspected and resealed fuel injection nozzles. Next fuel injection nozzle servicing due Flight Hobbs: 1657.6. Installed one new left hand upper deck seal P/N: 633958-5. Inspected fuel injection system components for condition and security. Leak check fuel system. Removed #1 alternator S/N: 1082535 and installed new unit P/N: ES-10024, S/N: H-M111970 using new gasket and existing installation hardware. Removed mechanical rivets and installed new alternator air duct seal retainer machine screws and selflocking nuts as needed. Inspected engine cooling baffles and seals for component condition and security. Fabricated and installed cooling baffle riveted surface doubler repair aft of #1 alternator. Removed right baffle support sheared mechanical rivet and installed new AN machine screw and self-locking nut. Fabricated and installed new aft case mounted baffle support bracket and torque case through bolt. Repositioned and secured left exhaust forward heat shield. Installed and secured new TIT probe P/N: 86245. Complied with Tornado Alley tail pipe clamp replacement by installing new right exhaust tail pipe V-band clamp P/N: 11-1100023. Next replacement due Flight Hobbs: 1607.6. Torqued left tail pipe Vband clamp. Inspected and pressure tested exhaust system. Inspected and lubricated turbocharger wastegates using Mouse Milk. Repositioned and secured right turbocharger oil line to prevent further chafing on wastegate bolt. Torqued throttle control rod-end bolt and installed new safety. Adjusted propeller governor control to achieve mid-range RPM of 2500. Torqued and safetied hardware. Adjusted mixture control for full stop-to-stop travel and proper cushion and installed new rod-end safety. Repaired right SCAT air duct hose mounted between intercooler and heat exchanger. Installed new cabin fresh air SCEET hose insulation sleeve P/N: 70194-001. Inspected engine mount weldments for condition and security and torqued mount lower weldment bolts. Complied with TAT SI08-01 (Tailpipe Crankcase Breather Discharge Tube) by cleaning away crankcase breather discharge tube coking deposits as outlined in Service Instruction. Next inspection due Flight Hobbs: 1207.6 or next oil change. Complied with TAT S108-04 (Cabin Heat Augmenter/Tailpipe Cracking) by pressure test of left and right heat exchangers as outlined in Service Instruction, no defects noted. Next inspection due Flight Hobbs: 1257.6. Complied with TAT SI08-05 (Induction Air Filter) by inspecting and servicing induction air filter per Service Instruction. Next air filter inspection and servicing due Flight Hobbs: 1257.6. Complied with TAT SB09-01 (Exhaust Manifold Cracks) by inspecting exhaust manifolds for cracks around turbocharger mounting flanges, no defects noted. Next inspection due Flight Hobbs: 1207.6 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 May 2014. Complied with TAT SI11-01 (Exhaust Slip Joint Inspection) by inspecting exhaust system slip joints per instruction for indications of binding, distortion or damage from excessive temperatures. . Cleaned, applied anti-seize compound, reinstalled elbow slip joints on wastegates. No further defects noted. Next inspection due May 2014 or V-band clamp replacement. Complied with TAT SI11-03 (Turbocharger Support Inspection) by inspecting turbocharger and waste gate support assembly rods. Repositioned left waste gate support blocks as needed, no further defects noted. Next inspection due May 2014 or V-band clamp replacement. Complied with TAT SB11-04 Turbocharger Oil Supply Inlet Screen) by cleaning left and right turbocharger oil inlet screen of foreign material as per Service Bulletin. Next inspection due May 2014. Complied with TAT SB12-02 (Fuel Pump O-ring Seals) by inspecting the fuel pump mixture control shaft for fuel leakage per Service Instruction with auxiliary fuel pump on "high", no defects noted. Next inspection due Flight Hobbs: 1207.6 or next oil change. Continental CSB08-3B (Throttle and Mixture Control Levers) does not apply, installed throttle and mixture control levers are manufactured from stainless steel material, no further action. Continental CSB 12 -1 (Lock Plate Inspection) does not apply by engine serial number, no further action required. Continental AD 2012-10-13 (Starter Adapter Gear Shaft Failure) effective 06-08-2012, supersedes AD 2011-25-51, does not apply by installed starter adapter part number, no further action required. Superior Air Parts AD 2012-03-06 (AFS) Fuel Servo Diaphragm) effective 02-24-2012, supersedes AD 2011-15-10, does not apply, (TCM) fuel injection system is installed, no further action required. required. AD's checked through Biweekly 2013-10. Post inspection engine ground run-up, operational check and leak check satisfactory. 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 33081

	Total	Time	1 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	Since verhaul	Engine Service and Maintenance Record
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
JV Turvid			Mou	ntain	Aircraft Maintenance Inc.
		P.O. B	- 10 mg	Total (Const.)	mboat Springs, CO 80477 PH: 970-870-8986
Aeroshell 15	engine to 5W50 oil. service for	o warm Washed the wor	oil. Cha d engine k perform	nged oil as requi ned. W.C	S/N:689544 Hobbs:1202.6 Flt. Hobbs: DATE:09/03/13 & filter. Checked old filter for contamination. Serviced engine with ired and ground ran for leak check. Satisfactory at this time. Engine
Daniel L. Ing A&P 301410		and	-4	_	
					ince, Inc
					870-8986 Fax (970) 870-0387
P.O. DOX 112111					
	3	eptem		2013 2SR	
-00D022VI.	under wo	ork orde pection	er 08261 per SR	13-3449 22 AMI	0253449 and inspected by B&C Specialty Products Inc (CRS Operational check ok, reinstalled alternator and performed M 24-30, all operations of no1 and no2 alternator systems
Widilit intinee.				1	anc Duffy
			LMa	inton	ance, Inc
Mountai	NAU	rcray	7 MM	477 (970) 870-8986 Fax (970) 870-0387
P.O. Box 772114					
	S	eptem	ber 13	, 2013 22SR	Hobbs 1202.7 Fit Hobbs 1190.5 Cirrus SR22 S/N 2475
Dealesad rig	ht etrobe	light P		050705-	00 with new. Ground operational check ok.
Replaced rig John Duffy	ht strobe	light P		050705-	00 with new. Ground operational check ok.
Replaced rig John Duffy	ht strobe A&P 349	light P		050705	00 with new. Ground operational check ok.
Replaced rig John Duffy	ht strobe A&P 349	e light P		050705- Juff	00 with new. Ground operational check ok.
Replaced rig John Duffy	ht strobe	e light P	/N 36-00	SUFF	
Replaced rig John Duffy	ht strobe	1366	N 36-00	Suff	Aircraft Maintenance Inc.
Replaced rig John Duffy	ht strobe	1366	N 36-00	Suff	
John Duffy / N:: Ground ran Aeroshell 15 returned to s	SZZSR Mengine to	P.O. Bo	Move ox 77211	ntain 14, Steam 19, Steam	Aircraft Maintenance Inc.
John Duffy A Size Service Area Service Area Shell 15 returned to service Area Shell L. Ing	SZZSR Mengine to W50 oil. Vervice for ram	P.O. Bo MAKE: TO Warm Washed the wor	Moud Moud ox 77211 CM 10-55 oil. Chai lengine k perform	ntain 14, Steam 19, Steam	Aircraft Maintenance Inc. mboat Springs, CO 80477 PH: 970-870-8986 V: 689544 Hobbs: 1230.8 Ftt. Hobbs: 1213.7 DATE: 01/02/14 & filter. Checked old filter for contamination. Serviced engine with red and ground ran for leak check. Satisfactory at this time. Engine
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John Duffy N:: Ground ran Aeroshell 15 returned to s Daniel L. Ing	SZZSR Mengine to W50 oil. Vervice for ram	P.O. Be P.O. Be Date: I Installed in accor	Mount ox 77211 CM 10-55 oil. Chair engine k perform 12-31 dance with	nfain 14, Steam 19,	Aircraft Maintenance Inc. mboat Springs, CO 80477 PH: 970-870-8986 V: 689544 Hobbs: 1230.8 Fit. Hobbs: 1213.7 DATE: 01/02/14 & filter. Checked old filter for contamination. Serviced engine with red and ground ran for leak check. Satisfactory at this time. Engine 0. 1202 - END - Engine Log Book Entry Engine Time: 1230.8 2-71/-71-0-1/5 preheat system S/N: structions TNO 1038 Rev. D
John Duffy / N:: Ground ran Aeroshell 15 returned to s Daniel L. Ing	SZZSR Mengine to W50 oil. Vervice for ram	P.O. Be P.O. Be Date: I Installed in accor	Move ox 77211 CM 10-55 oil. Chail engine k perform L S 1 P/N TAG dance with Name:	nfain 14, Steam 19,	Aircraft Maintenance Inc. mboat Springs, CO 80477 PH: 970-870-8986 V: 689544 Hobbs: 1230.8 Ftt. Hobbs: 1213.7 DATE: 01/02/14 & filter. Checked old filter for contamination. Serviced engine with red and ground ran for leak check. Satisfactory at this time. Engine 0. 1202 - END - Engine Log Book Entry Engine Time: 1230.8 2-771-71-07-1/3 preheat system S/N: structions TNO 1038 Rev. D

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This lag certifies that Sky-Tec Model No. C24STS Serial No. 4C6-471377	ate	Total Time	Time Since Last Overhaul	Engine Service and Maintenance Record
This tag certifies that Sky-Tec Model No	edia Iba	Hrs. Min.	Hrs. Min.	Installations, Inspections, Airworthiness Directives, Special Inspections, Modifications and Service Bulletins
This tag certifies that Sky-Tec Model No. C24STS Serial No. 405-471371 Was manufactured new on OLD Rec 2011 by Sky-Tec under the authority of FAA-PhAN AD PQQ8S2SW Supplement No. In accordance with Sky-Tec's FAA-Approved Quality System (14CFR Part 21, Subpart K). This article has been determined to be almosthy. For installation eligibility see, yow skylecair cyprolegipility htm Starter Installed on N Starter (Alcraft) Well on the seed of th	Forward -			Comment March
Serial No. 4CS-471371 was manufactured new on d1 Dec 2013 by Sky-Tec under the authority of FAA-PMA No PO08528 Supplement No. 6 in accordance with Sky-Tecs FAA-Approved Quality System (14CFR Part 21, Subpart K). This article has been determined to be alwayority. For installation eligibility sep_ vww, skylecair.cqrv/sig/bility.htm Starter installed on N				
by Sky-Tec under the authority of FAA-PMA No. POQ852SW Supplement No. 6 in accordance with Sky-Tec's FAA-Approved Quality System (14C/FR Part 21, Subpart K). This article has been determined to be airworthy. For installation eligibility seg. www.sky-tycearic.org/velgibility.htm Starter Installed on N Starter Installed				
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Corporate Air Center Corporate Air Center NS22SR september NS22		For installati	tion eligibility see	www.skytecair.cgm/eligibility.htm
BNORE WOOEL 10550N BY TOL Aero Enterprises BNORE SAM 68544 WORK ORDER K001231 AACT TO 1515 BY SAM CREATO CRITE SAM CREATO SA		Starter Insta		
DATE: 1728/2014 Corporate Air Center N522SR sugi recained and inspected in accordance with current FARs rules of the Federal Avadetion Regulations and was found and received and insp. Filter. Replaced oil filter with new PAP CH48108-1. Serviced engine with Sign of Architecture and replaced with new. Seriff ACS-471371, performed run up functional checks, ok at this time, no other maintenance performed, reinstalled cowlings. Maintenance Release The aircraft and/or component(s) on N522SR sugi recained and inspected in accordance with current FARs rules of the Federal Avadetion Regulations and was found Anivority of recigif to service. DATE: 1728/2014 SIGNED. Cris Palago Confided Repeir Station No. 7TLR012B Corporate Air Center N522SR SR-22 S/N 2475 FLIGHT TIME:1252.3 Work Order: 00001251 DATE: 1728/2014 SIGNED. Cris Palago Confided Repeir Station No. 7TLR012B Corporate Air Center N522SR SR-22 S/N 2475 FLIGHT TIME:1252.3 Cris Sol Recommendation No. 7TLR012B Corporate Air Center N522SR SR-22 S/N 2475 FLIGHT TIME:1252.3 Cris Sol Recommendation No. 7TLR012B Application No. 7TLR012B Cris Sol Recommendation No. 7TLR012B Cris Sol Recommendation No. 7TLR012B Application No. 7TLR012B Cris Sol Recommendation No. 7TLR012B Cris Sol Recommendation No. 7TLR012B Application No. 7TLR012B Cris Sol Recommendation No. 7TLR012B Cris			(Al	(INECTIALIC)
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### ALCREDATE OF THE PRINCE 2001/25/300 Engine Entries Removed covilings, Removed starter and replaced with new, Ser#4C5-471371, performed run up functional checks, or at this time, no other maintenance performed, reinstalled covilings. Maintenance Release The aircraft andric component(s) on NS2SR was repaired and inspected in accordance with current FARs rules of the Federal Aviston Regulations and was found Airworthy by return to service. DATE: 1/28/2014 SIGNED: ### Corporate Air Center ### NS2SR SR-22 S/N 2475 FLIGHT TIME: 1252.3 Chris Palage Certified Repair Station No. 7TLR012B Printed by EBis 3 (dateomedia com) Cris Palage Certified Repair Station No. 7TLR012B **COW 50 HR. Inspection as per Cirrus maintenance manual. Drained oil and removed and insp. Filter. Replaced oil filter with new P/N CH48108-1. Serviced engine with \$ 4 st. Acrosshell 15W/50 oil. Washed eng and ran aircraft. All systems check good and no leaks. ### Paul Shinn A.R. P#15.1745. **APR Aviation, Inc.** **MODIE: 1822 **GRI. 2375 **REG NO. 182568** **	ENGINE S/N: REG. NO: N53	S/N: 689544 : N5225R Repair Station I	No. 7TLR012B	ENG TT:
Engine Entries Removed cowlings, Removed starter and replaced with new, Ser#4C5-471371, performed run up functional checks, or at this time, no other maintenance performed, reinstalled cowlings. Maintenance Release The sircraft and/or component(s) on NS22SR wall repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Annothly to rehigh to service. DATE: 178/2014 SIGNED: Work Order: 00001251 Chris Palage Certified Repair Station No. 7TLR0128 Printed by EBIs 3 (datcomedia com) Certified Repair Station No. 7TLR0128 COW 50 HR. Inspection as per Cirrus maintenance manual. Drained oil and removed and insp. Filter. Replaced oil filter with new P/N CH48108-1. Serviced engine with \$ qs. of Acroshell 15W/50 oil. Washed eng and ran aircraft. All systems check good and no leaks. Paul Shinn A. P. PH3 S 174-5. APR Aviation, Inc. MAIL CIRRUS MORE CIRRUS MORE CIRRUS MORE CIRRUS MORE CIRRUS MORE CIRRUS APR Aviation, Inc. Repair Station No. 7PM311. Repair Station No. PDM311. ACT TAR. WORK ORDE	Merced, CA 95	5340	- INVI	
Removed cowlings, Removed starter and replaced with new, SerfACS-471317, performed run up functional checks, ok at this time, no other maintenance performed, reinstalled cowlings. Maintenance Release The eincraft and/or component(s) on N522SR was repaired and inspected in eccordance with current FARs rules of the Federal Aviation Regulations and was found Avivority of result to evide a variety of results of res		DAAPH SERVICE	22-7300	
Corporate Air Center The aircraft and/or component(s) on N522SR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Rapidalitons and was found Airventhy to return to service. DATE: 1/28/2014 SIGNED: Chris Palage Certified Repair Station No. 7TLR012B Printed by EBis 3 (detconnedia com) Corporate Air Center N522SR SR-22 S/N 2475 FLIGHT TIME:1252.3 C/W 50 HR. Inspection as per Cirrus maintenance manual. Drained oil and removed and inspected with 8 gs. of Acroshell 15W/S0 oil. Washed eng and ran aircraft. All systems check good and no leaks. Phone (360) 757-1557 Fax (360) 757-1557 APR Aviation, Inc. MAKE CIRRUS MODE: 58/22 REG NO NS22SR REG NS2SR	Demoved	ed cowlings Removed st	starter and replaced v	with new, Ser#4C5-471371, performed run up functional
The sircraft and/or component(s) on NS22SR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy in retary fo service. DATE: 1/28/2014 Signary	- checks, of	, ok at this time, no other	r maintenance perfor	ormed, reinstalled cowlings.
DATE: 1/28/2014 SIGNED: Chris Palage Certified Repair Station No. 7TLR012B Tof 1 Corporate Air Center N522SR SR-22 S/N 2475 FLIGHT TIME:1252.3 C/W 50 HR. Inspection as per Cirrus maintenance manual. Drained oil and removed and insp. Filter. Replaced oil filter with new P/N CH48108-1. Serviced engine with 8 qts. of Aeroshell I SW/50 oil. Washed eng and ran aircraft. All systems check good and no leaks. Paul Shinn A.R. P#3 \$17455 APR Aviation, Inc. MAKE_CIRRUS MODIL_SR22 SR2 287 SR2 SR2 SR2 287 SR2				
DATE: 1/28/2014 SIGNED: Chris Palage Certified Repair Station No. 7TLR012B Tof 1 Corporate Air Center N522SR SR-22 S/N 2475 FLIGHT TIME:1252.3 C/W 50 HR. Inspection as per Cirrus maintenance manual. Drained oil and removed and insp. Filter. Replaced oil filter with new P/N CH48108-1. Serviced engine with 8 qts. of Aeroshell I SW/50 oil. Washed eng and ran aircraft. All systems check good and no leaks. Paul Shinn A.R. P#3 \$17455 APR Aviation, Inc. MAKE CIRRUS MODEL SR22 SR2 287 SR2 SR2 SR2 287 SR2	The aircraft	raft and/or component(s) on	N522SR was repaired	d and inspected in accordance with current FARs rules of the Federal
Corporate Air Center 1 of 1	Aviation Re	Regulations and was found a		
Corporate Air Center Solution Proceedings Process Process	DATE: 1/28	1/28/2014 SIG	SNED:	
Corporate Air Center N522SR SR-22 S/N 2475 FLIGHT TIME:1252.3 C/W 50 HR. Inspection as per Cirrus maintenance manual. Drained oil and removed and insp. Filter. Replaced oil filter with new P/N CH48108-1. Serviced engine with 8 qts. of Aeroshell 15W/50 oil. Washed eng and ran aircraft. All systems check good and no leaks. Paul Shinn A.R. P#3517455 APR Aviation, Inc. Repair Station No. CP3R431L Square Station No. C				
C/W 50 HR. Inspection as per Cirrus maintenance manual. Drained oil and removed and insp. Filter. Replaced oil filter with new P/N CH48108-1. Serviced engine with 8 qts. of Aeroshell 15W/50 oil. Washed eng and ran aircraft. All systems check good and no leaks. Paul Shinn ARP#3517455 APR Aviation, Inc. Repair Station No. CP3R431L Sol1 E Andersen Ave Fresno, Caldroma 93727 USA Phone: 800-982-8466 Airframe Entries (1) Removed XM data receiver p/n XMD076A-01 s/n 816001633. Replaced with p/n XMD076A-01, s/n 816001882. The new units Receiver ID#: 63, FCC ID#: TGVXMSC63, Audio ID #: RQUAT08P, Weather ID#: 5GQTROR6. Synced remote with new receiver. Ops check good. The aircraft inferience was repaired and inspection accordance with current regulations of the Federal Aviation Agency and is approved for return to service in respects to the work completed. Unless otherwise stated the repairs and modifications				1 of 1
C/W 50 HR. Inspection as per Cirrus maintenance manual. Drained oil and removed and insp. Filter. Replaced oil filter with new P/N CH48108-1. Serviced engine with 8 qts. of Aeroshell 15W/50 oil. Washed eng and ran aircraft. All systems check good and no leaks. Paul Shinn ARP#3517455 APR Aviation, Inc. Repair Station No. CP3R431L Sol1 E Andersen Ave Fresno, California 93727 USA Prione: 800-982-8466 Airframe Entries (1) Removed XM data receiver p/n XMD076A-01 s/n 816001633. Replaced with p/n XMD076A-01, s/n 816001882. The new units Receiver ID#: 63, FCC ID#: TGVXMSC63, Audio ID #: RQUAT08P, Weather ID#: 5GQTR0R6. Synced remote with new receiver. Ops check good. The aircraft inferitified above was repaired and inspection as ordance with current regulations of the Federal Aviation Agency and is approved for return to service in respects to the work completed. Unless otherwise stated the repairs and modifications	Corp	rporate Air Cen	nter <i>N5225</i>	SR SR-22 S/N 2475 FLIGHT TIME:1252.3
removed and insp. Filter. Replaced oil filter with new P/N CH48108-1. Serviced engine with 8 qts. of Aeroshell 15W/50 oil. Washed eng and ran aircraft. All systems check good and no leaks. Phone (360) 757-7757 Fax (360) 757-1557 2-4-14 Paul Shinn A.R.P#3517455 APR Aviation, Inc. MAKE CIRRUS MODEL SR22 SIN 2475 REG. NO. NS22SR WORK ORDER: 25260 WORK ORDER: 25260 Airframe Entries (1) Removed XM data receiver p/n XMD076A-01 s/n 816001633. Replaced with p/n XMD076A-01, s/n 816001882. The new units Receiver ID#: 63, FCC ID#: TGVXMSC63, Audio ID #: RQUAT08P, Weather ID#: 5GQTR0R6. Synced remote with new receiver. Ops check good. The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service in respects to the work completed. Unless otherwise stated the repairs and modifications		# V	40-1	
removed and insp. Filter. Replaced oil filter with new P/N CH48108-1. Serviced engine with 8 qts. of Aeroshell 15W/50 oil. Washed eng and ran aircraft. All systems check good and no leaks. Phone (360) 757-7757 Fax (360) 757-1557 2-4-14 Paul Shinn A.R.P#3517455 APR Aviation, Inc. MAKE CIRRUS MODEL 5R22 SIN 2475 REG. NO. NS225R WORK ORDER: 25260 WORK ORDER: 25260 Airframe Entries (1) Removed XM data receiver p/n XMD076A-01 s/n 816001633. Replaced with p/n XMD076A-01, s/n 816001882. The new units Receiver ID#: 63, FCC ID#: TGVXMSC63, Audio ID #: RQUAT08P, Weather ID#: 5GQTR0R6. Synced remote with new receiver. Ops check good. The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service in respects to the work completed. Unless otherwise stated the repairs and modifications			C/W 50 H	HR. Inspection as per Cirrus maintenance manual. Drained oil and
Burlington, WA 98233 Phone (360) 757-7757 Fax (360) 757-1557 APR Aviation, Inc. MAKE CIRRUS MODEL: SR22 SIN: 2475 REG. NO. N522SR WORK ORDER: 25260 AIfframe Entries (1) Removed XM data receiver p/n XMD076A-01 s/n 816001633. Replaced with p/n XMD076A-01, s/n 816001882. The new units Receiver ID#: 63, FCC ID#: TGVXMSC63, Audio ID #: RQUAT08P, Weather ID#: 5GQTR0R6. Synced remote with new receiver. Ops check good. The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service in respects to Jay work completed. Unless otherwise stated the repairs and modifications	- 1000	62 Aimort Drive	removed :	and insp. Filter. Replaced oil filter with new P/N CH48108-1. Serviced
Phone (360) 757-7757 Fax (360) 757-1557 2-4-14 Paul Shinn A & P#3517455 MAKE CIRRUS MODEL: SR22 SIN: 2475 REG. NO. NS22SR WORK ORDER: 25260 AIFrame Entries (1) Removed XM data receiver p/n XMD076A-01 s/n 816001633. Replaced with p/n XMD076A-01, s/n 816001882. The new units Receiver ID#: 63, FCC ID#: TGVXMSC63, Audio ID #: RQUAT08P, Weather ID#: 5GQTROR6. Synced remote with new receiver. Ops check good. The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service in respects to the work completed. Unless otherwise stated the repairs and modifications			engine wi	check good and no leaks.
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MODEL SR22 Sin: 2475 Repair Station No. CPR431L Sol1 E. Andersen Ave Fresno. California 93727 USA Phone: 800-982-8468 Airframe Entries (1) Removed XM data receiver p/n XMD076A-01 s/n 816001633. Replaced with p/n XMD076A-01, s/n 816001882. The new units Receiver ID#: 63, FCC ID#: TGVXMSC63, Audio ID #: RQUAT08P, Weather ID#: 5GQTR0R6. Synced remote with new receiver. Ops check good. The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service in respects to Jay work completed. Unless otherwise stated the repairs and modifications	-			Paul Shi
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(1) Removed XM data receiver p/n XMD076A-01 s/n 816001633. Replaced with p/n XMD076A-01, s/n 816001882. The new units Receiver ID#: 63, FCC ID#: TGVXMSC63, Audio ID #: RQUAT08P, Weather ID#: 5GQTR0R6. Synced remote with new receiver. Ops check good. The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service in respects to the work completed. Unless otherwise stated the repairs and modifications		WORK ORDER: 25260	Fresno, California 93727 U	USA
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A series of this course of this course is no Life at Min course.			ove was repaired and in	ts to the work completed. Unless otherwise stated the repairs and mountainous
are minor in nature. A copy of this repair is on hie alarma agency		and is approved for return	m to service in respects	(G at the angular
DATE: 2/19/2014 SIGNED: Work Order: 25260 Polyard I surrence Printed by EBis 3 (datcomedia.com)		and is approved for return	opy of this repair is on	ne arm agency

Data

Mountain Aircraft Maintenance Inc.

P.O. Box 772114, Steamboat Springs, CO 80477 PH: 970-870-8986

Brough

N:522SR MAKE: TCM IO-550-N S/N:689544 Hobbs: 1322.5 Flt. Hobbs: 1285.3 DATE:04/09/14

Ground ran engine to warm oil. Changed oil & filter. Took oil sample & provided to owner. Checked old filter for contamination. No abnormal debris noted. Serviced engine with Aeroshell 15W50 oil. Washed engine as required and ground ran for leak check. Satisfactory at this time. Engine returned to service for the work performed. W.O. 0406

Daniel L. Ingram A&P3014106

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ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N522SR Continental IO-550-N(46) S/N: 689544 Total Time: 1337.1
13 June 2014 Flight Hobbs: 1337.1 Hobbs Meter: 1383.0

100 Hour Inspection for Annual completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Tornado Alley Turbo, Inc. (ICA) Scheduled Maintenance Check List as a guide. Changed engine oil and filter using (Aeroshell 15W-50). Cut oil filter open and inspected, no ferrous contaminates noted. Oil sample taken and submitted. Compression test: #1) 76/80, #2) 73/80, #3) 74/80, #4).75/80, #5) 75/80, #6) 79/80. Cleaned, inspected, gapped, tested, and rotated spark plugs. Checked timing of magnetos to engine. Inspected new pressurization filter P/N: 1396-2 for magnetos. Next filter replacement due June 2017 or Flight Hobbs: 1637.1. Inspected fuel injection system components for condition and security. Leak check fuel system. Inspected cooling baffles and seals for component condition and security. Repaired forward spinner cooling baffle left mounting flange. Removed sheared #1) alternator air duct seal retainer rivet and installed new AN machine screw, washer and self-locking nut. Stop-drilled crack and fabricated and installed forward cooling baffle riveted surface doubler repair. Stop-drilled minor cooling baffle cracks as needed. Inspected #1 alternator slip ring, brush block and brushes, no discrepancies noted. Next alternator brush inspection due June 2015. Inspected engine preheat system for component condition and security. Engine preheat system operational check satisfactory. Adjusted alternate air door annunciator switch, operational check satisfactory. Repositioned and torqued left exhaust manifold heat shields. Complied with Tornado Alley (ICA) and installed, torqued and safetied new left V-band clamp P/N: 11-1100023. Torqued and safetied right V-band clamp. Next left and right V-band clamp replacement due Flight Hobbs: 1787.1 and Flight Hobbs: 1607.6 respectively. Inspected and pressure tested exhaust system. Inspected turbochargers and wastegates for component condition and security and lubricated wastegates using Mouse Milk. Inspected and lubricated throttle, mixture and propeller controls, operational check satisfactory. Adjusted mid-range RPM as needed. Complied with TAT SI08-01 (Tailpipe Crankcase Breather Discharge Tube) by cleaning away crankcase breather discharge tube coking deposits as outlined in Service Instruction. Next inspection due Flight Hobbs: 1387.1 or next oil change. Complied with TAT SI08-04 (Cabin Heat Augmenter/ Tailpipe Cracking) by pressure test of left and right heat exchangers as outlined in Service Instruction, no defects noted. Next inspection due Flight Hobbs: 1437.1. Complied with TAT SI08-05 (Induction Air Filter) by inspecting and servicing induction air filter per Service Instruction. Next air filter inspection and servicing due Flight Hobbs: 1437.1. Complied with TAT SB09-01 (Exhaust Manifold Cracks) by inspecting exhaust manifolds for cracks around turbocharger mounting flanges, no defects noted. Next inspection due Flight Hobbs: 1387.1 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 June 2015. Complied with TAT SI11-01 (Exhaust Slip Joint Inspection) by inspecting exhaust system slip joints per instruction for indications of binding, distortion or damage from excessive temperatures. Next inspection due June 2015 or V-band clamp replacement. Complied with TAT SI11-03 (Turbocharger and Wastegate Support Inspection) by inspecting turbocharger and waste gate support rods and brackets. Installed new left turbocharger upper support bracket P/N: 22-6250006, no further defects noted. Next inspection due June 2015 or V-band clamp replacement. Complied with TAT SB11-04 Turbocharger Oil Supply Inlet Screen) by cleaning left and right turbocharger oil inlet screen of foreign material as per Service Bulletin. Next inspection due June 2015. Complied with TAT SB12-02 (Fuel Pump O-ring Seals) by inspecting the fuel pump mixture control shaft for fuel leakage per Service Instruction with auxiliary fuel pump on "high", no defects noted. Next inspection due Flight Hobbs: 1387.1 or next oil change. Continental AD 2014-05-29 (Superior Air Parts Cylinder Head Separation) effective 04-25-2014, does not apply by cylinder manufacturer, only TCM factory cylinders are installed, no further action required. AD's checked through Biweekly 2014-11. Post inspection engine ground run-up, operational check and leak check satisfactory. 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 34384

Time Since Total Time Engine Service and Maintenance Record Date ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 ections. IO-550-N(46) S/N: 689544 Bro 29 August 2014 Engine Total Time: 1356.7 Flight Hobbs: 1356.7 Changed engine oil and filter (Shell 15W50). Oil sample taken and submitted. Cut oil filter open and Hobbs Meter: 1407.2 inspected for foreign material none found. Engine run up and leak check good.

Nathaniel Alan Bauthal A & B 24 Nathaniel Alan Beuthel A&P 3659835 ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 S/N: 22-2475 Airframe Total Time: 1356.7 29 August 2014 Flight Hobbs: 1356.7 Torqued TKS finger screen housing end fittings and safetied. Installed new seals and secured as needed. Bled air from system and performed operational check - no defects noted. Serviced TKS reservoir as Nathaniel Alan Bouthel A&P 3659835 w/o 34755 ANDMARIC VIATION ANDMARK 14700 North Airport Drive • Scottsdale, AZ 85260 • (480) 948-2400 VIATION N 522SR Date: October 2, 2014 14700 North Airport Drive • Scottscale, AZ 85260 • (423) 948-240 Model # Cirrus SR-22 S/N 2475 HOBBS: 1441.1 N 522SR Date: October 15, 2014 IO-550-N (46) S/N 689544 ETT: 1441.1 Model # Cirrus SR-22 S/N 2475 **ENGINE LOG ENTRY** AFTT: 1390.8 HOBBS: 1447.9 IO-550-N (46) S/N 689544 Drained engine oil, removed engine oil filter. Took SOAP **ENGINE LOG ENTRY** sample. Cut filter open, inspected, no problems noted. Installed new CH48108-1 oil filter. Serviced engine with 8 qts C/W 50hr inspection IAW SR22 MM 5-20 of AeroShell 15W50 oil. Ran engine, leak checked, no problems noted. Turbo Alley 50hr Inspection C/E IAW Turbo alley ICA I certify that the above stated maintenance was perfor ned in I certify that the above stated maintenance was perfor ned in accordance with the current FAR's and this aircraft is approved accordance with the current FAR's and this aircraft is approved for return to service. W.O. C29-14-01380 for return to service. W.O. C29-14-01380 LANDMARK AVIATION ANDMARK AVIATION FAA CRS# LN3R6j3L FAA CRS# LN3R6 i3L ARAPAHOE AERO AVIONICS 12780 E. Control Tower Road K6 Englewood, CO 80112 303-799-6289 N522SR Cirrus SR-22 sn: 2475 November 21, 2014 Hobbs: 1471.0 DFC-90 700-00170-000 Rev 00 sn: M103515783 RMA 9026081 MSR Failure. Received DFC-90 700-00170-00 sn: M131394405 (Mod 3) which had been repaired and returned to service by Avidyne on their WO # 9026038 dated October 27, 2014. See their 8130-3 issued this date. Replaced defective Flash Card in MFD 700-0000 sn: 20896055 per Avidyne Service Bulletin No. 601-00004-087. The aircraft and/or component identified above was inspected in accordance with current Federal Aviation Regulations and is approved for return to service. CRS ZL6R006Y Signed: AV-03273

Engine Service and Maintenance Record Time Since **Total Time** Date Last Overhaul Installations, Inspections, Airworthiness Directives, Special Inspections, Hrs. Min. Modifications and Service Bulletins Min. Hrs. Brou Mountain Aircraft Maintenance Inc. P.O. Box 772114, Steamboat Springs, CO 80477 PH: 970-870-8986 N:522SR MAKE:TCM 10-550-N S/N:689544 Hobbs:1483.8 Flt. Hobbs:1419.9 DATE:02/05/15 Ground ran engine to warm oil. Changed oil & filter. Took oil sample & provided to owner. Checked old filter for contamination. No abnormal debris noted. Serviced engine with Aeroshell 15W50 oil. Cleaned engine as required and ground ran for leak check. Satisfactory at this time. Engine returned to service for the work performed. W.O. 0201 - END -Daniel L. Ingram A&P3014106 Mountain Aircraft Maintenance, Inc P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387 FIt Hobbs 1454.8 Hobbs 1525.9 May 6, 2015 S/N 689544 **TCM 10 550-N** Changed oil and filter, installed new CH48108-1 oil filter and serviced engine with 7.5 Qts Aeroshell 15W50 oil. No abnormal debris noted in old filter. Ground ran engine, no leaks noted, all operations normal. John Duffy A&P 3491366 ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 Continental IO-550-N(46) S/N: 689544 Total Time: 1459.0 N522SR Hobbs Meter: 1531.3 25 June 2015 Flight Hobbs: 1459.0 100 Hour Inspection for Annual completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Tornado Alley Turbo, Inc. (ICA) Scheduled Maintenance Check List as a guide. No oil sample or oil and filter change this inspection. Compression test: #1) 77/80, #2) 78/80, #3) 78/80, #4) 78/80, #5) 78/80, #6) 78/80. Cleaned, inspected, gapped, tested, and rotated spark plugs. Removed left and right Bendix magnetos P/N: 10-500556-101, S/N: D07DA030 and S/N: D07DA088 for 500 hour inspection. Cleaned and inspected magnetos and installed new breaker points P/N: 10-382584, gear kits P/N: 10-357586, distributor block felt strips and washers, distributor gear snap rings, carbon brushes, and rotor seals. Cleaned, inspected and repacked magneto rotor bearings and assembled magnetos, set internal timing and tightened assembly hardware. Complied with TCM Mandatory Service Bulletin No. MSB645 (Impulse Coupling) by visual and dimensional inspection of impulse couplings and the replacement of the main spring P/N: 10-51324 as outlined in Service Bulletin. Reinstalled impulse couplings on magnetos and torqued and safetied attaching hardware. Reinstalled left and right magnetos using new gaskets P/N: 10-400613 and set magneto to engine timing. Next 500 hour magneto inspection due Flight Hobbs: 1959.0. Installed and secured new right ignition harness P/N: 10-423674-25 due to radio noise issue. Inspected fuel injection system components for condition and security. Leak check fuel system. Installed new #4) cylinder induction tube gasket P/N: 649950. Inspected cooling baffles and seals for component condition and security. Fabricated and installed left aft side cooling baffle riveted surface doubler repair and affixed anti-chafe material. Installed and secured new cooling baffle right side support bracket. Installed new aft cooling baffle throttle cable pass-through elastic grommet P/N: MS35489-1. Inspected #1 alternator slip ring, brush block and brushes, and installed new brush assembly P/N: ALE1013AS. Next alternator brush inspection due June 2016. Inspected intercoolers for component

(Page 1) (Continued)

condition and security, operational check satisfactory.

condition and security. Repositioned and secured right intercooler SCAT air duct hose to prevent further chafing on cabin heat control. Installed and secured new cabin fresh air inlet Skeet-10 inlet air hose. Inspected and pressure tested exhaust system. Inspected turbochargers and wastegates for component condition and security and lubricated wastegates using Mouse Milk. Inspected and lubricated throttle, mixture and propeller controls, operational check good. Inspected engine preheat system for component

ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 NS22SR Continental 10-550-N(46) S/N: 689544 Total Time: 1459.0 25 June 2015 Flight Hobbs: 1459.0 Hobbs Meter: 1531.3 (Continued) (Page 2) Complied with TAT SI08-01 (Tailpipe Crankcase Breather Discharge Tube) by cleaning away crankcase breather discharge tube coking deposits as outlined in Service Instruction. Next inspection due Flight Hobbs: 1590.0 or next oil change. Complied with TAT SI08-04 (Cabin Heat Augmenter/Tailpipe Cracking) by pressure test of left and right heat exchangers as outlined in Service Instruction, no defects noted. Next inspection due Flight Hobbs: 1599.0 Complied with TAT SI08-05 (Induction Air Filter) by inspecting and servicing induction air filter per Service Instruction. Next air filter inspection and servicing due Flight Hobbs: 1599.0 Complied with TAT SI08-01 (Exhaust Manifold Cracks) by inspecting exhaust manifolds for cracks around turbocharger mounting flanges, no defects noted. Next inspecting exhaust manifolds for cracks around turbocharger mounting flanges, no defects noted. Next inspecting exhaust manifolds for cracks around turbocharger mounting flanges, no defects noted. Next inspecting exhaust manifolds for cracks around turbocharger mounting flanges, no defects noted. Next inspection due Flight Hobbs: 1599.0 complied with TAT SI08-01 (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 June 2016. Complied with TAT SI11-01 (Exhaust Slip Joint Inspection) by inspecting turbocharger and vaste carbon build-up no left and right chaust dump tubes, reassembled using antiseize compound and torqued and safetied claps. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT SI10-10 (Turbocharger and Wastegate Support clearance, no further defects noted. Next inspection due June 2016 or V-band clamp perplacement. Complied with TAT SI10-20 (Full Pum		Total III	Time Since Last Overha		Engine Service and Maintenance Reco	on
ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N522SR Continental IO-550-N(46) S/N: 689544 Total Time: 1459.0 25 June 2015 Flight Hobbs: 1459.0 Hobbs Meter: 1531.3 (Continued) (Page 2) Complied with TAT S108-01 (Tailpipe Crankcase Breather Discharge Tube) by cleaning away crankcase breather discharge tube coking deposits as outlined in Service Instruction. Next inspection due Flight Hobbs: 1509.0 or next oil change. Complied with TAT S108-04 (Cabin Heat Augmenter/Tailpipe Cracking) by pressure test of left and right heat exchangers as outlined in Service Instruction, no defects noted. Next inspection due Flight Hobbs: 1559.0. Complied with TAT S108-05 (Induction Air Filter) by inspecting and servicing induction air filter per Service Instruction. Next air filter inspection and servicing due Flight Hobbs: 1559.0 Complied with TAT S08-0-10 (Induction Air Filter) by inspecting and servicing induction air filter per Service Instruction. Next air filter inspection and servicing due Flight Hobbs: 1559.0 complied with TAT S08-0-10 (Induction Air Filter) by inspecting and servicing induction air filter per Service Instruction. Next air filter per Service Instruction. Next air sold Cracks by by inspecting exhaust manifolds for cracks around turbocharger mounting flanges, no defects noted. Next inspection due Flight Hobbs: 1509.0 or next oil change. Complied with TAT S111-01 (Exhaust Slip Joint Inspection) by inspecting exhaust system slip joints per instruction for indications of binding, distortion or damage from excessive temperatures. Removed carbon build-up on left and right exhaust dump tubes, reassembled using antiscize compound and torqued and safeticd claps. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT S111-03 (Turbocharger and waste gate support relearance, no further defects noted. Next inspecting turbocharger and waste gate support relearance, no further defects noted. Next inspection due June 2016 or V-band clamp replacement. Complied		Hrs. N	lin. Hrs.	. Min.	Modifications and Service Bulletins	
ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 NS22SR Continental IO-550-N(46) S/N: 689544 Total Time: 1459.0 25 June 2015 Flight Hobbs: 1459.0 Hobbs Meter: 1531.3 (Continued) (Page 2) Complied with TAT S108-01 (Tailpipe Crankcase Breather Discharge Tube) by cleaning away crankcase breather discharge tube coking deposits as outlined in Service Instruction. Next inspection due Flight Hobbs: 1509.0 or next oil change. Complied with TAT S108-04 (Cabin Heat Augmenter/Tailpipe Cracking) by pressure test of left and right heat exchangers as outlined in Service Instruction, no defects noted. Next inspection due Flight Hobbs: 1559.0. Complied with TAT S108-05 (Induction Air Filter) by inspecting and servicing induction air filter per Service Instruction. Next air filter inspection and servicing due Flight Hobbs: 1559.0. Complied with TAT S08-0-10 (Induction Air Filter) by inspecting and servicing induction air filter per Service Instruction. Next air filter inspection and servicing due Flight Hobbs: 1559.0 complied with TAT S08-0-10 (Induction Air Filter) by inspecting and servicing induction air filter per Service Instruction. Next air S08-0-10 (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 June 2016. Complied with TAT S111-01 (Exhaust Slip Joint Inspection) by inspecting exhaust system slip joints per instruction for indications of binding, distortion or damage from excessive temperatures. Removed carbon build-up on left and right exhaust dump tubes, reassembled using antiseize compound and torqued and safeticd claps. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT S111-03 (Turbocharger and Wastegate Support Inspection) by inspecting turbocharger and waste gate support clearance, no further defects noted. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT S111-04 Turbocharger exhaust supp	ught Forward		>		Annual Control	
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 NS22SR Continental IO-550-N(46) S/N: 689544 Total Time: 1459.0 25 June 2015 Flight Hobbs: 1459.0 Hobbs Meter: 1531.3 (Continued) (Page 2) Complied with TAT Si08-01 (Tailpipe Crankcase Breather Discharge Tube) by cleaning away crankcase breather discharge tube coking deposits as outlined in Service Instruction. Next inspection due Flight Hobbs: 1509.0 or next oil change. Complied with TAT Si08-04 (Cabin Heat Augmenter/Tailpipe Cracking) by pressure test of feft and right heat exchangers as outlined in Service Instruction, no defects noted. Next inspection due Flight Hobbs: 1559.0. Complied with TAT Si08-05 (Induction Air Filter) by inspecting and servicing induction air filter per Service Instruction. Next air filter inspection and servicing due Flight Hobbs: 1559.0. Complied with TAT Si09-01 (Exhaust Manifold Cracks) by inspecting exhaust amanifolds for cracks around turbocharger mounting flanges, no defects noted. Next inspection due Flight Hobbs: 1509.0 or next oil change. Complied with TAT Si09-01 (Alternate Air Door Hinge Pin) by inspecting binge pin ends on alternate air door for cracks, loose rivets and/or missing pin retention methods, no defects noted. Next inspection due June 2016. Complied with TAT Si11-01 (Exhaust Silp Joint Inspection) by inspecting exhaust system silp joints per instruction for indications of binding, distortion or damage from excessive temperatures. Removed carbon build-up on left and right exhaust dump tubes, reassembled using antiseize compound and torqued and safetied claps. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT Si11-01 (Exhaust Gipt Joint Inspection) by inspecting turbocharger and waste gate support rods and brackets. Adjusted left and right turbocharger exhaust supports as needed. Adjusted right wastegate support clearance, no further defects noted. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT Si11-04 (Turbocharger Oil supply Inlet S					ADADAHOE AFDO	
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25 June 2015 Flight Hobbs: 1459.0 Hobbs Meter: 1531.3 Complied with TAT S108-01 (Tailpipe Crankcase Breather Discharge Tube) by cleaning away crankcase breather discharge tube coking deposits as outlined in Service Instruction. Next inspection due Flight Hobbs: 1509.0 or next oil change. Complied with TAT S108-04 (Cabin Heat Augmenter/Tailpipe Cracking) by pressure test of left and right heat exchangers as outlined in Service Instruction, no defects noted. Next inspection due Flight Hobbs: 1559.0. Complied with TAT S108-05 (Induction Air Filter) by inspecting and servicing induction air filter per Service Instruction. Next air filter inspection and servicing due Flight Hobbs: 1559.0. Complied with TAT S108-09-01 (Exhaust Manifold Cracks) by inspecting exhaust manifolds for cracks around turbocharger mounting flanges, no defects noted. Next inspection due Flight Hobbs: 1509.0 or next oil change. Complied with TAT S109-01 (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 June 2016. Complied with TAT S11-01 (Exhaust Slip Joint Inspection) by inspecting exhaust system slip joints per instruction for indications of binding, distortion or damage from excessive temperatures. Removed carbon build-up on left and right technast dump tubes, reassembled using antiseize compound and torqued and safetied claps. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT S11-03 (Turbocharger and Wastegate Support Inspection) by inspecting turbocharger and waste gate support rods and brackets. Adjusted left and right turbocharger oil supply linet Screen) by cleaning left and right turbocharger oil inlet screen of foreign material as per Service Bulletin. Next inspection due June 2016. Complied with TAT S811-04 Turbocharger oil Supply Inlet Screen) by cleaning left and right turbocharger oil inlet screen of foreign material as per Service Bulletin. Next inspection due June 2016.						-
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crankcase breather discharge tube coking deposits as outlined in Service Instruction. Next inspection due Flight Hobbs: 1509.0 or next oil change. Complied with TAT S108-04 (Cabin Heat Augmenter/Tailpipe Cracking) by pressure test of left and right heat exchangers as outlined in Service Instruction, no defects noted. Next inspection due Flight Hobbs: 1559.0. Complied with TAT S108-05 (Induction Air Filter) by inspecting and servicing induction air filter per Service Instruction. Next air filter inspection and servicing due Flight Hobbs: 1559.0. Complied with TAT S109-01 (Exhaust Manifold Cracks) by inspecting exhausts smanifolds for cracks around turbocharger mounting flanges, no defects noted. Next inspection due Flight Hobbs: 1509.0 or next oil change. Complied with TAT S10-01 (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 June 2016. Complied with TAT S111-01 (Exhaust Slip Joint Inspection) by inspecting exhaust system slip joints per instruction for indications of binding, distortion or damage from excessive temperatures. Removed carbon build-up on left and right exhaust dump tubes, reassembled using antiseize compound and torqued and safetied claps. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT S111-03 (Turbocharger and Wastegate Support Inspection) by inspecting turbocharger and waste gate support rods and brackets. Adjusted left and right turbocharger exhaust supports as needed. Adjusted right wastegate support clearance, no further defects noted. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT S11-04 Turbocharger oil Supply Inlet Screen) by cleaning left and right turbocharger oil inlet screen of foreign material as per Service Bulletin. Next inspection due June 2016. Complied with TAT S11-04 Turbocharger oil Supply Inlet Screen) by cleaning left and right turbocharger oil inlet screen foreign material as per Se	— Compl	ied with TA	T S108-01			۳
Flight Hobbs: 1509.0 or next oil change. Complied with TAT S108-04 (Cabin Heat Augmenter/Tailpipe Cracking) by pressure test of left and right heat exchangers as outlined in Service Instruction, no defects noted. Next inspection due Flight Hobbs: 1559.0. Complied with TAT S108-05 (Induction Air Filter) by inspecting and servicing induction air filter per Service Instruction. Next air filter inspection and servicing due Flight Hobbs: 1559.0. Complied with TAT S809-01 (Exhaust Manifold Cracks) by inspecting exhaust manifolds for cracks around turbocharger mounting flanges, no defects noted. Next inspection due Flight Hobbs: 1509.0 or next oil change. Complied with TAT S810-01 (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 June 2016. Complied with TAT S811-01 (Exhaust Slip Joint Inspection) by inspecting exhaust system slip joints per instruction for indications of binding, distortion or damage from excessive temperatures. Removed carbon build-up on left and right exhaust dump tubes, reassembled using antiseize compound and torqued and safetied claps. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT S811-03 (Turbocharger and Wastegate Support Inspection) by inspecting turbocharger and waste gate support rods and brackets. Adjusted left and right turbocharger exhaust supports as needed. Adjusted right wastegate support clearance, no further defects noted. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT S811-04 Turbocharger exhaust supports as needed. Adjusted right wastegate support clearance, no further defects noted. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT S811-04 Turbocharger Oil Supply Inlet Screen) by cleaning left and right turbocharger oil inlet screen of foreign material as per Service Bulletin. Next inspection due June 2016 or fuel leaventh of the June 2016 or V-band cleaning left						L
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(Induction Air Filter) by inspecting and servicing induction air filter per Service Instruction. Next air filter inspection and servicing due Flight Hobbs: 1559.0. Complied with TAT SB0-9.1 (Exhaust Manifold Cracks) by inspecting exhaust manifolds for cracks around turbocharger mounting flanges, no defects noted. Next inspection due Flight Hobbs: 1509.0 or next oil change. Complied with TAT SB10-01 (Alternate Air Door Hinge Pin) by inspecting hope pin ends on alternate air door for cracks, loose rivets and/or missing pin retention methods, no defects noted. Next inspection due June 2016. Complied with TAT SI11-01 (Exhaust Slip Joint Inspection) by inspecting exhaust system slip joints per instruction for indications of binding, distortion or damage from excessive temperatures. Removed carbon build-up on left and right exhaust dump tubes, reassembled using antiseize compound and torqued and safetied claps. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT SI11-03 (Turbocharger and Wastegate Support Inspection) by inspecting turbocharger and waste gate support clearance, no further defects noted. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT SB11-04 Turbocharger Oil Supply Inlet Screen) by cleaning left and right turbocharger oil inlet screen of foreign material as per Service Bulletin. Next inspection due June 2016. Complied with TAT SB12-02 (Fuel Pump O-ring Seals) by inspecting the fuel pump mixture control shaft for fuel leakage per Service Instruction with auxiliary fuel pump on "high", no defects noted. Next inspection due Flight Hobbs: 1509.0 or next oil change. AD's checked through Biweekly 2015-12. Post inspection engine ground run-up, operational check and leak check satisfactory. 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 35659 APR Aviation: Person in respects to the work completed. Urrideas offeners estated the repea	- Augme	nter/Tailpi	pe Crackin	g) by press	sure test of left and right heat exchangers as outlined in Service	
filter inspection and servicing due Flight Hobbs: 1559.0. Complied with TAT SB09-01 (Exhaust Manifold Cracks) by inspecting exhaust manifolds for cracks around turbocharger mounting flanges, no defects noted. Next inspection due Flight Hobbs: 1509.0 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 June 2016. Complied with TAT S111-01 (Exhaust Slip Joint Inspection) by inspecting exhaust system slip joints per instruction for indications of binding, distortion or damage from excessive temperatures. Removed carbon build-up on left and right exhaust dump tubes, reassembled using antiseize compound and torqued and safetied claps. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT S111-03 (Turbocharger and Wastegate Support Inspection) by inspecting turbocharger and waste gate support rods and brackets. Adjusted left and right turbocharger exhaust supports as needed. Adjusted right wastegate support clearance, no further defects noted. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT SB11-04 Turbocharger Oil Supply Inlet Screen by cleaning left and right turbocharger oil inlet screen of foreign material as per Service Bulletin. Next inspection due June 2016. Complied with TAT SB12-02 (Fuel Pump O-ring Seals) by inspecting the fuel pump mixture control shaft for fuel leakage per Service Instruction with auxiliary fuel pump on "high", no defects noted. Next inspection due Flight Hobbs: 1509.0 or next oil change. AD's checked through Biweekly 2015-12. Post inspection engine ground run-up, operational check and leak check satisfactory. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN ARWORTHY CONDITION. L. John Wells A&P 3221132 W/o 35659 APR Aviation, inc. Repair Basinon No. CPRARSIL MORNORCE 72283 APR Aviation, inc.						L
Manifold Cracks) by inspecting exhaust manifolds for cracks around turbocharger mounting flanges, no defects noted. Next inspection due Flight Hobbs: 1509.0 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 June 2016. Complied with TAT SI11-01 (Exhaust Slip Joint Inspection) by inspecting exhaust system slip joints per instruction for indications of binding, distortion or damage from excessive temperatures. Removed carbon build-up on left and right exhaust dump tubes, reassembled using antiseize compound and torqued and safetied claps. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT SI11-03 (Turbocharger and Wastegate Support Inspection) by inspecting turbocharger and waste gate support rods and brackets. Adjusted left and right turbocharger exhaust supports as needed. Adjusted right wastegate support clearance, no further defects noted. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT SB11-04 Turbocharger Oil Supply Intel Sereen) by cleaning left and right turbocharger oil inlet screen of foreign material as per Service Bulletin. Next inspection due June 2016. Complied with TAT SB12-02 (Fuel Pump O-ring Seals) by inspecting the fuel pump mixture control shaft for fuel leakage per Service Instruction with auxiliary fuel pump on "high", no defects noted. Next inspection due Flight Hobbs: 1509.0 or next oil change. AD's checked through Biweekly 2015-12. Post inspection engine ground run-up, operational check and leak check satisfactory. 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 35659 APR Aviation, inc. **Repair Baptor Bayes and The Secondaries with current regulations of the Federal Avaisous Agent are minor in nature. A copy of this repair is on file a						
defects noted. Next inspection due Flight Hobbs: 1509.0 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 June 2016. Complied with TAT SI11-01 (Exhaust Slip Joint Inspection) by inspecting exhaust system slip joints per instruction for indications of binding, distortion or damage from excessive temperatures. Removed carbon build-up on left and right exhaust dump tubes, reassembled using antiseize compound and torqued and safetied claps. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT SI11-03 (Turbocharger and Wastegate Support Inspection) by inspecting turbocharger and waste gate support rods and brackets. Adjusted left and right turbocharger exhaust supports as needed. Adjusted right wastegate support clearance, no further defects noted. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT SB11-04 Turbocharger Oil Supply Inlet Screen) by cleaning left and right turbocharger oil inlet screen of foreign material as per Service Bulletin. Next inspection due June 2016. Complied with TAT SB12-02 (Fuel Pump O-ring Seals) by inspecting the fuel pump mixture control shaft for fuel leakage per Service Instruction with auxiliary fuel pump on "high", no defects noted. Next inspection due Flight Hobbs: 1509.0 or next oil change. AD's checked through Biweekly 2015-12. Post inspection engine ground run-up, operational check and leak check satisfactory. 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 35659 APR Aviation, Inc. Repair Signon No. CPRRASIL Service Repaired and inspected and inspected and inspected in accordance with current regulations of the Federal Aviation April of the Inspect of the Work Conden Proper is on file at this agency. DATE 8/3/2015 Work Order 272						000
SBI0-01 (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 June 2016. Complied with TAT SI11-01 (Exhaust Slip Joint Inspection) by inspecting exhaust system slip joints per instruction for indications of binding, distortion or damage from excessive temperatures. Removed carbon build-up on left and right exhaust dump tubes, reassembled using antiseize compound and torqued and safetied claps. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT SI11-03 (Turbocharger and Wastegate Support Inspection) by inspecting turbocharger and waste gate support rods and brackets. Adjusted left and right turbocharger exhaust supports as needed. Adjusted right wastegate support clearance, no further defects noted. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT SB11-04 Turbocharger oil supply Inlet Screen) by cleaning left and right turbocharger oil inlet screen of foreign material as per Service Bulletin. Next inspection due June 2016. Complied with TAT SB12-02 (Fuel Pump O-ring Seals) by inspecting the fuel pump mixture control shaft for fuel leakage per Service Instruction with auxiliary fuel pump on "high", no defects noted. Next inspection due Flight Hobbs: 1509.0 or next oil change. AD's checked through Biweekly 2015-12. Post inspection engine ground run-up, operational check and leak check satisfactory. 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 35659 APR Aviation, Inc. Repair Bainon No CPBRASIL MORK ORDER 27283 APR Aviation, Inc. Repair Bainon No CPBRASIL MORK ORDER 27283 APR Aviation, Inc. Repair Bainon No CPBRASIL MORK ORDER 27283 APR Aviation, Inc. Repair Bainon No CPBRASIL MORK ORDER 27283 APR Aviation, Inc. Repair Bainon No CPBRASIL MORK ORDER 27283 APR Aviation, Inc. Repair Bainon No CPBRASI						V
loose rivets and/or missing pin retention methods, no defects noted. Next inspection due June 2016. Complied with TAT S111-01 (Exhaust Slip Joint Inspection) by inspecting exhaust system slip joints per instruction for indications of binding, distortion or damage from excessive temperatures. Removed carbon build-up on left and right exhaust dump tubes, reassembled using antiseize compound and torqued and safetied claps. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT S111-03 (Turbocharger and Wastegate Support Inspection) by inspecting turbocharger and waste gate support rods and brackets. Adjusted left and right turbocharger exhaust supports as needed. Adjusted right wastegate support clearance, no further defects noted. Next inspection due June 2016 or V-band clamp replacement. Complied with TAT SB11-04 Turbocharger Oil Supply Inlet Screen) by cleaning left and right turbocharger oil inlet screen of foreign material as per Service Bulletin. Next inspection due June 2016. Complied with TAT SB12-02 (Fuel Pump O-ring Seals) by inspecting the fuel pump mixture control shaft for fuel leakage per Service Instruction with auxiliary fuel pump on "high", no defects noted. Next inspection due Flight Hobbs: 1509.0 or next oil change. AD's checked through Biwekly 2015-12. Post inspection engine ground run-up, operational check and leak check satisfactory. 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 35659 APR Aviation APR Aviation, Inc. Repair Sianos No. CPRASSIL Freezo, Casterna 9327 USA Proce. 800-802-8668 (1) Changed oil and filter, inspected filter, no contaminants found. Refilled with Aeroshell 15w50 oil. Run and leak check good. The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviasius Pagency are micro in nature. A copy of this repair is on file at this agency. DATE: 9/3/2015 SIGNED APR Avi						
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The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service in respects to the work completed. Unless otherwise stated the repairs and modifications are minor in nature. A copy of this repair is on file at this agency. DATE: 9/3/2015 SIGNED: Work Order: 27263	cleanin inspect fuel pun no defe Biweek CERTI	g left and rigion due Jun mp mixture cts noted. N ly 2015-12. IFY THAT INSPECTI ENGINE MODE ENGINE SON REG. NO. N522: WORK ORDER:	Post inspection AND	omplied w ft for fuel le tion due F ection engin GINE HAS WAS DET	ith TAT SB12-02 (Fuel Pump O-ring Seals) by inspecting the eakage per Service Instruction with auxiliary fuel pump on "high", light Hobbs: 1509.0 or next oil change. AD's checked through the ground run-up, operational check and leak check satisfactory. I BEEN INSPECTED IN ACCORDANCE WITH A 100 TERMINED TO BE IN AN AIRWORTHY CONDITION. L. John Wells A&P 3221132 w/o 35659 APR Aviation, Inc. Repair Station No. CP3R431L OO1 E. Anderson Ave END TT. HOBBS: 1508 6	
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	cleanin inspect fuel pur no defe Biweek CERTI	g left and rigition due Junimp mixture octs noted. Note that it is a special property of the second	Post inspecting Post inspecting Post inspecting Post inspection Post inspectin Post inspection Post inspection Post inspection Post inspection	omplied w fit for fuel le tion due F ection engin GINE HAS WAS DET Inspected filter, as repaired and in trivice in respects this repair is on f	ith TAT SB12-02 (Fuel Pump O-ring Seals) by inspecting the eakage per Service Instruction with auxiliary fuel pump on "high", light Hobbs: 1509.0 or next oil change. AD's checked through he ground run-up, operational check and leak check satisfactory. I BEEN INSPECTED IN ACCORDANCE WITH A 100 PERMINED TO BE IN AN AIRWORTHY CONDITION. L. John Wells A&P 3221132 W/o 35659 APR Aviation, Inc. DATE: 8:3/2015 A/C TSN: ENG TT: HOBBS: 1508.6 Those: 800-802-8468 The contaminants found. Refilled with Aeroshell 15w50 oil. Run and inspected in accordance with current regulations of the Federal Aviation Agency to the work completed. Unless otherwise stated the repairs and modifications	

January 21, 2016 Hobbs 1616.6 Fit Hobbs 1529.0 N522SR Cirrus SR22 S/N 2475

Installed new turbine inlet temperature probe Alcor P/N 86245. John Duffy A&P 3491366

2

DATE: 2/19/2016 ENGINE MODEL: ENGINE SIN: REG. NO. N522SR WORK ORDER: 27812 APR Aviation, Inc. AC TSN 1534 1 ENG TT 1534 1 HOBBS 1534 1 Repair Station No. CP3R431L 5041 E. Andersen Ave Fresno, California 93727 USA Date nce Record **Engine Entries** Special Inspections. (2) Complied with 100hr inspection VAW APR Aviation Checklist. Changed oil and filter, inspected filter, no contaminants found. Refilled with aeroshell 15W50 oil. Run and leak check good. Compression check #1) Brought Forwar 75/80, #2) 68/80, #3) 70/80, #4) 70/80, #5) 70/80, #6) 69/80.---(9) C/W TAT SB12-02 Fuel pump inspection. Complied with inspection. No discrepancies found at this time.——(10) C/W TAT SB11-04 Turbo oil line inlet screen inspection. Complied with inspection and cleaned screens. No discrepancies found at this time. --(11) C/W TAT SI11-03 Turbo support inspection. Complied with inspection, and found to be within limits ---(13) C/W TAT SB10-1 Alternate air door hinge pin inspection. Complied with inspection. No discrepancies found at this time.---(14) C/W SI08-01 Crankcase breather discharge tube cleaning. Complied with inspection and cleaning. No discrepancies found at this time.---(15) C/W TAT SB09-01 Exhaust manifold inspection. Complied with inspection. No discrepancies found at this time.——(16) C/W TAT Sl08-05 Air filter inspection. Complied with inspection. No discrepancies found at this time. I certify that the engine identified above has been inspected in accordance with a 100 hour inspection and has been found anworthy as of this date. Work Order, 27812 DATE 2/19/2016 SIGNED: Printed by EBis 3 (datcomedia.com) Certified Repair Station No. CP3R431L 1 of 1 ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N522SR Continental IO-550-N(46) S/N: 689544 Total Time: 1557.8 29 July 2016 Flight Hobbs: 1557.8 Hobbs Meter: 1657.2 100 Hour Inspection for Annual completed this date using the Cirrus SR22 Maintenance Manual Inspection Form and the Tornado Alley Turbo, Inc. (ICA) Scheduled Maintenance Check List as a guide. Changed engine oil and filter using (Shell 15W-50). Cut oil filter open and inspected, no contaminates noted. Compression test: #1) 76/80, #2) 72/80, #3) 78/80, #4) 72/80, #5) 74/80, #6) 72/80. Installed a new set of Tempest URHB32E spark plugs. Adjusted timing of left and right magnetos to engine. Inspected fuel injection system components for condition and security. Leak check fuel system. Inspected cooling baffles and seals for component condition and security. Inspected #1 alternator brushes and slip rings. Found to be satisfactory for continued use. Next alternator brush inspection due July 2017. Inspected intercoolers for component condition and security. Inspected and pressure tested exhaust system. Inspected turbochargers and wastegates for component condition and security and lubricated wastegates using Mouse Milk. Inspected and lubricated throttle, mixture and propeller controls, operational check good. Inspected engine preheat system for component condition and security, operational check satisfactory. Removed starter adapter P/N: 642083A12, S/N: WSW052708 and reinstalled unit after overhaul. Overhauled by Western Skyways, Inc., CRS#WS9R575J, wo# W052708 dated 25 July 2016. Replaced left exhaust manifold heat shield clamp. Applied RTV between #6 CHT wiring and alternate air door to prevent chafing. Replaced right skeet tube from intercooler to exhaust heat exchanger. Installed new right V-band clamp P/N: 11-1100023, torqued and safetied. Next right V-band clamp replacement due Flight Hobbs: 2007.8. Complied with TAT SI08-01 (Tailpipe Crankcase Breather Discharge Tube) by cleaning away crankcase breather discharge tube coking deposits as outlined in Service Instruction. Next inspection due Flight Hobbs: 1607.8 or next oil change. Complied with TAT SI08-04 (Cabin Heat Augmenter /Tailpipe Cracking) by pressure test of left and right heat exchangers as outlined in Service Instruction, no defects noted. Next inspection due Flight Hobbs: 1657.8. Complied with TAT S108-05 (Induction Air Filter) by replacement of air filter with new P/N: 33-2022. Next air filter inspection and servicing due Flight Hobbs: 1657.8. Complied with TAT SB09-01 (Exhaust Manifold Cracks) by inspecting exhaust manifolds for cracks around turbocharger mounting flanges, no defects noted. Next inspection due Flight Hobbs: 1607.8 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 July 2017. Complied with TAT S111-01 (Exhaust Slip Joint Inspection) by inspecting exhaust system slip joints per instruction for indications of binding, distortion or damage from excessive temperatures. Removed carbon build-up on right exhaust dump tubes, reassembled using antiseize compound. Next inspection due July 2017 or V-band clamp replacement. Complied with TAT SI11-03 (Turbocharger and Wastegate Support Inspection) by inspecting turbocharger and waste gate support rods and brackets. Adjusted left and right turbocharger exhaust supports as needed, ,no further defects noted. Next inspection due July 2017 or V-band clamp replacement. Complied with TAT SB11-04 Turbocharger Oil Supply Inlet Screen) by cleaning left and right turbocharger oil inlet screen of foreign material as per Service Bulletin. Next inspection due

(Continued)

(Page 1)

July 2017.

ARAPAHOE AERO ord 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 tions. N522SR Continental IO-550-N(46) S/N: 689544 Total Time: 1557.8 29 July 2016 Flight Hobbs: 1557.8 Hobbs Meter: 1657.2 Brough (Continued) (Page 2) Complied with TAT SB12-02 (Fuel Pump O-ring Seals) by inspecting the fuel pump mixture control shaft for fuel leakage per Service Instruction with auxiliary fuel pump on "high", no defects noted. Next inspection due Flight Hobbs: 1607.8 or next oil change. AD's checked through Biweekly 2016-15. Post inspection engine ground run-up, operational check and leak check satisfactory. 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 36965 Mountain Aircraft Maintenance Inc. P.O. Box 772114, Steamboat Springs, CO 80477 PH: 970-870-8986 N: 522SR MAKE: TCM IO-550-N S/N: 689544 HOBBS: 1701.8 DATE: 12/06/16 Ground ran engine to warm oil. Changed oil & filter. Checked old filter for contamination. Serviced engine with Aeroshell 15W50 oil. Washed engine as required and ground ran for leak check. Satisfactory at this time. Engine returned to service for the work performed. W.O. 1204 - END -Daniel L. Ingram A&P 3014106 Mountain Aircraft Maintenance, Inc P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387 Hobbs 1743.9 Fit Hobbs 1623.1 March 7, 2017 S/N 689544 TCM 10 550-N N522SR Changed oil and filter, installed new CH48108-1 oil filter and serviced engine with 7.5 Qts Aeroshell 15W50 oil. No abnormal debris noted in old filter. Ground ran engine, no leaks noted, all operations normal. John Duffy A&P 3491366 APR Aviation, Inc. DATE: 6/20/2017 A/C TSN: 1651.7 ENG TT: 1651.7 HOBBS: 1651.7 REG. NO. N522SR nair Station No. CP3R431L 5041 E. Andersen Ave Fresno, California 93727 USA Phone: 800-982-8466 WORK ORDER: 29254 **Engine Entries** (2) Complied with 100hr inspection I/A/W FAR 43 appendix D utilizing APR Aviation Checklist. Changed oil and filter, inspected filter, no contaminants found. Refilled with aeroshell 15W50 oil. Run and leak check good. Compression check #1) 75/80, #2) 68/80, #3) 70/80, #4) 70/80, #5) 70/80, #6) 69/80.---(5) C/W TAT SB12-02 Fuel pump inspection. Removed and reinstalled engine driven fuel pump after o-ring replacement/ repair by Great Plains Fuel Metering, Inc. Adjusted fuel flow as required. Ops check and leak check good. --(7) C/W TAT SB11-04 Turbo oil line inlet screen inspection. Complied with inspection and cleaned screens. No discrepancies found at this time.---(8) C/W TAT SI11-03 Turbo support inspection. Complied with inspection, and found worn support rod bushings and wear sleeves on both sides. Replaced worn bushings and wear sleeves and reinstalled supports---(9) C/W TAT SI11-01 Exhaust slip joint inspection. No discrepancies found at this time.---(10) C/W TAT SB10-1 Alternate air door hinge pin inspection. No discrepancies found at this time.---(11) C/W SI08-01 Crankcase breather discharge tube cleaning. No discrepancies found at this time.---(12) C/W TAT SB09-01 Exhaust manifold inspection. No discrepancies found at this time.---(13) C/W TAT Sl08-05 Air filter inspection and cleaning.---(14) C/W TAT Sl08-04 Cabin heat augmenter/tail pipe inspection. No discrepancies found at this time.—(18) Removed and replaced all turbo system hoses with hose kit p/n ETI-G3-7---(21) Replaced magneto pressurization filter.---(24) Removed and cleaned fuel injectors and reinstalled with new seals and o-rings,---(27) Replaced rocker cover gasket at #4 cylinder---(32) Replaced #6 cylinder with overhauled cylinder S/N U269 . Op checks -(37) Replaced broken top spark plug at #5 cylinder I certify that the engine identified above has been inspected in accordance with a 100 hour inspection and has been found worthy as of this date Work Order: 29254 DATE: 6/20/2017 SIGNED:

> Stephen Denney Certified Repair Station No. CP3R431L

Printed by EBis 3 (datcomedia.com)

Date 8/2/2018 W/O# 16975



Engine Logbook Entry AIRCRAFT: N 522SR

CRS AWKR298C

25170 Aviation Ave., Davis, CA 95616

COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D. ALL WORK 1765.4 COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS. Tach / Flight COMPLIED WITH DIFFERENTIALCOMPRESSION TEST RESULTS: #1- 73/80, #2- 74/80, #3- 77/80, #4-1765.4 73/80, #5- 61/80, #6- 77/80. MASTER ORIFICE: 46/80. DRAINED OIL AND REMOVED FILTER. OPENED Eng TSN FILTER AND INSPECTED FOR METAL AND DEBRIS; NO DISCREPANCIES NOTED. OIL SAMPLE Eng TSO N/A RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH 7 1765.4 QUARTS AEROSHELL 15W50 ENGINE OIL. PERFORMED POST ANNUAL ENGINE COMPARTMENT RINSE TTAF AND 100-HOUR/ANNUAL RECURRING LUBRICATION OF ENGINE CONTROLS. SEALED ENGINE BAFFLE GAPS WITH HIGH TEMP RED RTV. INSTALLED NEW OIL DIPSTICK CAP GASKET. CLEANED CRANKSHAFT AND APPLIED PROTECTIVE PAINT. SET LEFT MAGNETO TO ENGINE TIMING. INSTALLED NEW #3 CYLINDER OVERSIZE EXHAUST STUD. REMOVED LEFT EXHAUST MANIFOLD PIN ET1-SR22-103-3, S/N ILM50-0003. INSTALLED NEW MANIFOLD P/N 22-6850011. REMOVED RIGHT EXHAUST MANIFOLD P/N ETI-SR22-100-4, S/N INN77-0002. INSTALLED NEW MANIFOLD P/N 22-6850003. CLEANED AND RE-INSTALLED LEFT AND RIGHT EXHAUST DUMP ELBOW WITH ANTI-SEIZE. INSTALLED NEW LEFT TAT EXHAUST TAILPIPE V-BAND CLAMP. INSTALLED NEW LEFT AND RIGHT FORWARD EXHAUST RISER HEAT SHIELDS. TRIMMED REMAINING RISER HEAT SHIELDS FOR CLEARANCE. INSTALLED NEW LEFT AND RIGHT TURBO SUPPORT RODS. INSTALLED NEW RIGHT WASTEGATE. INSTALLED NEW ACTUATOR CABLE KNUCKLE, RETURN SPRING, CLEVIS PINS AND RETAINER. RIGGED WASTEGATE CABLE SYSTEM. INSTALLED NEW RIGHT WASTEGATE SUPPORT BRACKET BUSHING. The Aircraft and/or component identified above was repaired and inspected JAW FAA regulations and was found airworthy to return to service only for the work performed Pertinent details of the repair are on file at this agency: Signed: I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition. Signed Shawn Matthles AWKR298C Mountain Aircraft Maintenance, Inc P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387 May 6, 2019 Hobbs 2059.2 Flt Hobbs 1851.6 N522SR **TCM 10 550-N** S/N 689544 Changed oil and filter, installed new CH48108-1 oil filter and serviced engine with 7 Qts Aeroshell 15W50 oil. No abnormal debris noted in old filter. Ground ran engine, no leaks noted, all operations normal. John Duffy A&P 3491366 ENGINE MODEL C AND T Aviation INC ENGINE S/N DATE: 1/16/2019 REG NO N522SR WORK ORDER 4130 Aviation Drive A/C TSN: Madera, ca 93637 Phone: 559-675-0183 ENG TT 1919-01-2019 HOBBS: 2024 **Engine Entries** (1) Performed oil change. Removed and replaced oil filter with new. Serviced engine with 8qts AS15W/50. Engine washed and ground ran no defects noted. Maintenance Release The aircraft and/or component(s) on N522SR was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this repair facility under Work Order No. 1919-01-2019, Dated DATE: 1/16/2019 SIGNED: Work Order: 1919-01-2019 Chris Tharp, A&P: 2755348AP Printed by EBis 3 (datcomedia.com)

Date 8/14/2019



Engine Logbook Entry

CRS AWKR298C

AIRCRAFT: N 522SR

W/O#	17	20	•
Tach / Fli	ghi		

COMPLETED IN ACCORDANCE WITH APPLICABLE MANUALS.

25170 Aviation Ave., Davis, CA 95616 COMPLIED WITH AN ANNUAL INSPECTION THIS DATE PER FAR 43 APPENDIX D.

S/N 2475

ALL WORK

Eng TSN

Eng TSO

N/A MASTER ORIFICE: 43/80

1871.3 COMPLIED WITH DIFFERENTIAL COMPRESSION CHECK PER CMI STANDARD PRACTICES MAINTENANCE MANUAL, COMPRESSION TEST RESULTS: #1- 74/80, #2- 66/80, #3- 75/80, #4- 71/80, #5- 59/80, #6- 70/80.

TTAF

1871.3 DRAINED OIL AND REMOVED FILTER. OPENED FILTER AND INSPECTED FOR METAL AND DEBRIS; NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT OUT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 15W50 ENGINE OIL. REINSTALLED LEFT MAGNETO P/N 10-500556-1 S/N D07DA088 AND RIGHT MAGNETO P/N BL-500556-1 S/N D07DA030 AFTER 500 HR INSPECTION BY AIRCRAFT ELECTRICAL COMPONENTS INC. CRS # S7HR883J UNDER W/O PO19-00767 WITH NEW GASKETS. SET MAGNETO TO ENGINE TIMING. INSTALLED NEW OIL DIPSTICK GASKET. REINSTALLED #4 CYLINDER EXHAUST RISER AFTER REPAIR BY DAWLEY AVIATION FAA CRS #NJ5R069N UNDER W.O. 119172. NEW GASKETS INSTALLED FOR CYL 2,4,AND 6. INSTALLED NEW LEFT AND RIGHT TURBO SUPPORT ROD TEFLON SLEEVES. INSTALLED NEW LH WASTEGATE SUPPORT BRACKET BUSHING. INSTALLED 1 NEW TEMPEST SPARK PLUG.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed.

Pertinent details of the repair are on file at this agency: Signed:

I certify that this Aircraft/Engine/Propeller has been inspected IAW an Annual inspection and was determined to be in an airworthy condition. Signed

Shawn Matthles AWKR288C

ENGINE MODEL ENGINE SIN REG. NO. NSZZSK WORK ORDER: 29136



APR Aviation, Inc.

Repair Station No. CP3R431L 5041 E. Andersen Ave Fresno, California 93727 USA Phone: 800-982-8466 DATE 4/12/2017 10BBS: 1634.7

Engine Entries

(1) Removed and replaced defective starter PN:C24ST5, SN:4C5-471371, with overhauled starter PN:646275-1, SN:H-Q110358. Op check good.

The aircraft identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service in respects to the work completed. Unless otherwise stated the repairs and modifications are minor in natura. A copy of this repair is on file at this agency.

DATE: 4/12/2017

SIGNED.

Work Order: 29126

Stephen Denney Certified Repair Station No. CP3R431L

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Date 11/7/2019

W/O# 17871



Engine Logbook Entry

AIRCRAFT: N 522SR S/N 2475

CRS AWKR298C

Tach

1891.8 CHANGED OIL AND FILTER.

25170 Aviation Ave., Davis, CA 95616

INSPECTED OIL FILTER FOR METAL AND DEBRIS IN ELEMENT, NO DISCREPANCIES NOTED. OIL SAMPLE RECOVERED AND SENT FOR ANALYSIS. INSTALLED NEW FILTER AND SERVICED ENGINE WITH AEROSHELL 15W50 ENGINE OIL.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return to service only for the work performed. Fertinent details of the repair are on file at this agency: Signed:

Shawn Matthles AWKR298C

Mountain Aircraft Maintenance, Inc

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

April 14, 2020 Hobbs 2142.4 Flt Hobbs 1909.6 N522SR **TCM 10 550-N** S/N 689544

Changed oil and filter, installed new CH48108-1 oil filter and serviced engine with 7 Qts Aeroshell 15W50 oil. No abnormal debris noted in old filter. Ground ran engine, no leaks noted, all operations normal. Repaired chaffed section of Tanis engine heater wire by alternator and replaced Tanis heat power in fuse. Installed new adel wire bundle clamp at No.5 cylinder. Mark Trimble A&P 3771490

ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 Total Time: 1921.9 S/N: 689544 10-550-N(46) Continental N522SR Date Hobbs Meter: 2161.6 Flight Hobbs: 1921.9 18 September 2020 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) 76/80, #2) 68/80, #3) 71/80, #4) 65/80, #5) 65/80, #6) 71/80. Changed engine oil and filter using (Shell 15W-50). Cut oil filter open and inspected, no contaminates noted. Oil sample taken Brought Fo and submitted. Cleaned, gapped, tested, and rotated spark plugs. Checked and adjusted timing of left and right magnetos to engine. Installed new magneto pressurization filter P/N: 1396-2. Next pressurization filter due August 2023 or Flight Hobbs: 2221.9. Leak check fuel system. Performed 24 Month #1 Alternator Brush Inspection, replaced #1 alternator brushes, P/N: ALE1013AS. Next #1 alternator brush inspection due August 2022 or Flight Hobbs: 2421.9. Installed new #4-cylinder induction tube gasket. Tightened #4-cylinder drain. Adjusted fuel flow and mixture rise as needed. Adjusted high RPM and manifold pressure. Installed new master wastegate support bracket P/N: 22-6250006, washers, nut and securing spring / bolt. Tightened heat shields. Installed new left turbo suction hose P/N: AE3663161H0190, provided by Aero Performance, WO #40992, dated 14 September 2020. Inspected and pressure tested exhaust system. Inspected turbochargers and wastegates for component condition and security and lubricated wastegates. Inspected and lubricated throttle, mixture and propeller controls, operational check good. Inspected engine preheat system for component condition and security, operational check satisfactory. Complied with TAT SI08-01 (Crankcase Breather Discharge Tube) by installing new crankcase breather hose as outlined in Service Instruction. Next inspection due at Flight Hobbs: 1971.9 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 due Flight Hobbs: 2021.9. Complied with TAT SI08-05 (Induction Air Filter) by inspecting and servicing induction air filter per Service Instruction. Next induction air filter serving due Flight Hobbs: 2021.9. 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: 1971.9 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 September 2021. 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 September 2021 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. Next inspection due September 2021 or V-band clamp replacement. Complied with TAT SB11-04 (Turbocharger Oil Supply Inlet Screen) by cleaning left and right turbocharger oil inlet screen of foreign material as per Service Bulletin. Next inspection due September 2021. 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: 1971.9. AD's checked through Biweekly 2020-19. Post inspection engine ground run-up, operational check and leak check satisfactory. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Scott S. Fisher A&P 3290363 w/o 41525 Mountain Aircraft Maintenance, Inc P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387 May 5, 2021 Hobbs 2187.4 Flt Hobbs 1937.8 N522SR TCM 10 550-N S/N 689544 Changed oil and filter, installed new CH48108-1 oil filter and serviced engine with 7 Qts Aeroshell 15W50 oil. No abnormal debris noted in old filter. Ground ran engine, no leaks noted, all operations normal. John Duffy A&P 3491366

ARAPAHOE AERO 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 Continental IO-550-N(46) Dat€ N522SR S/N: 689544 Total Time: 1956.7 Flight Hobbs: 1956.7 Hobbs Meter: 2212.7 21 October 2021 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) 77/80, #2) 65/80, #3) 79/80, #4) 76/80, #5) 74/80, #6) 76/80. Changed engine oil and Brought Fo filter using (Shell 15W-50). Cut oil filter open and inspected, no contaminates noted. Oil sample taken and submitted. Cleaned, gapped, tested, and rotated spark plugs. Checked timing of left and right magnetos to engine. Inspected and pressure tested exhaust system. Inspected turbochargers and wastegates for component condition and security and lubricated wastegates. Inspected and lubricated throttle, mixture and propeller controls, operational check good. Inspected engine preheat system for component condition and security, operational check satisfactory. Repositioned fuel hose to prevent chafing on mixture control. Fabricated and installed doublers to repair left baffle cracks. Removed oil quick drain, resealed with new oring and reinstalled drain with new gasket. Installed new right V-band clamp, P/N: 11-1100023, torqued and safetied. Next right V-band clamp replacement due Flight Hobbs: 2406.7. Complied with TAT SI08-01 (Crankcase Breather Discharge Tube) by installing new crankcase breather hose as outlined in Service Instruction. Next inspection due at Flight Hobbs: 2006.7 or next oil change. Complied with TAT S108-04 (Cabin Heat Augmenter/Tailpipe Cracking) by pressure test of left and right heat exchangers per Service Instruction, no defects noted. Next inspection due Flight Hobbs: 2056.7. Complied with TAT SI08-05 (Induction Air Filter) by inspecting and servicing induction air filter per Service Instruction. Next induction air filter serving due Flight Hobbs: 2056.7. 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: 2006.7 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 2022. 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 2022 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. Next inspection due October 2022 or V-band clamp replacement. Complied with TAT SB11-04 (Turbocharger Oil Supply Inlet Screen) by cleaning left and right turbocharger oil inlet screen of foreign material as per Service Bulletin. Next inspection due October 2022. 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: 2006.7. AD's checked through Biweekly 2021-21. Post inspection engine ground run-up, operational check and leak check satisfactory. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED AN AIRWORTHY CONDITION. w/o 42676 Gilbert C. Schoales, Jr. A&P 3644953

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386 N522SR Continental IO-550-N(46) S/N: 689544 Total Time: 1996.1

Date

Brought Fo

Flight Hobbs: 1996.1 Hobbs Meter: 2269.2 16 November 2022 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) 77/80, #2) 68/80, #3) 76/80, #4) 72/80, #5) 70/80, #6) 74/80. Changed engine oil and filter using (Shell 15W-50). Cut oil filter open and inspected, no contaminates noted. Oil sample taken and submitted. Cleaned engine with solvent. Secured right turbo pressure hose to prevent chafing on wastegate control. Safetied sump screen cap. Safety wired de-ice feed tube to slinger. Installed new O-rings on left wastegate vent fittings. Removed and replaced right heat exchanger sceet hose. Cleaned, gapped, tested, and rotated spark plugs. Checked timing of left and right magnetos to engine. Inspected and pressure tested exhaust system. Inspected turbochargers and wastegates for component condition and security and lubricated wastegates. Inspected and lubricated throttle, mixture and propeller controls, operational check good. Performed 500 Hour / 2 Years #1 Alternator Brush Inspection, no defects noted. Next #1 alternator brush inspection due November 2024 or Flight Hobbs: 2496.1. Installed new #2 Alternator gasket. Leak check satisfactory. Complied with TAT SI08-01 (Crankcase Breather Discharge Tube) by installing new crankcase breather hose as outlined in Service Instruction. Next inspection due at Flight Hobbs: 2046.1 or next oil change. Complied with TAT S108-04 (Cabin Heat Augmenter/Tailpipe Cracking) by pressure test of left and right heat exchangers per Service Instruction, no defects noted. Next inspection due Flight Hobbs: 2096.1. Complied with TAT S108-05 (Induction Air Filter) by inspecting and servicing induction air filter per Service Instruction. Next induction air filter serving due Flight Hobbs: 2096.1. 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: 2046.1 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 November 2022. 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 November 2023 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. Next inspection due November 2023 or V-band clamp replacement. Complied with TAT SB11-04 (Turbocharger Oil Supply Inlet Screen) by cleaning left and right turbocharger oil inlet screen of foreign material as per Service Bulletin. Next inspection due November 2023. 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: 2046.1. AD's checked through Biweekly 2022-23. Post inspection engine ground run-up, operational check and leak check satisfactory. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. Gilbert C. Schoales, Jr. A&P 3644953 w/o 43803

MOUNTAIN AIRCRAFT

June 14, 2023 Hobbs 2281.1 Flt Hobbs 2001.5 N522SR TCM IO 550-N S/N 689544

Changed oil and filter, installed new CH48108-1 oil filter and serviced engine with 7 Qts Aeroshell 15W50 oil. No abnormal debris noted in old filter. Ground ran engine, no leaks noted, all operations normal. John Duffy A&P 3491366

MOUNTAIN AIRCRAFT

September 20, 2023 Hobbs 2307.6 Flt Hobbs 2023.9 N522SR TCM IO 550-N S/N 689544

Changed oil and filter, installed new Tempest AA48108-2 oil filter and serviced engine with 7 Qts Aeroshell 15W50 oil. No abnormal debris noted in old filter. Ground ran engine, no leaks noted, all operations normal. John Duffy A&P 3491366