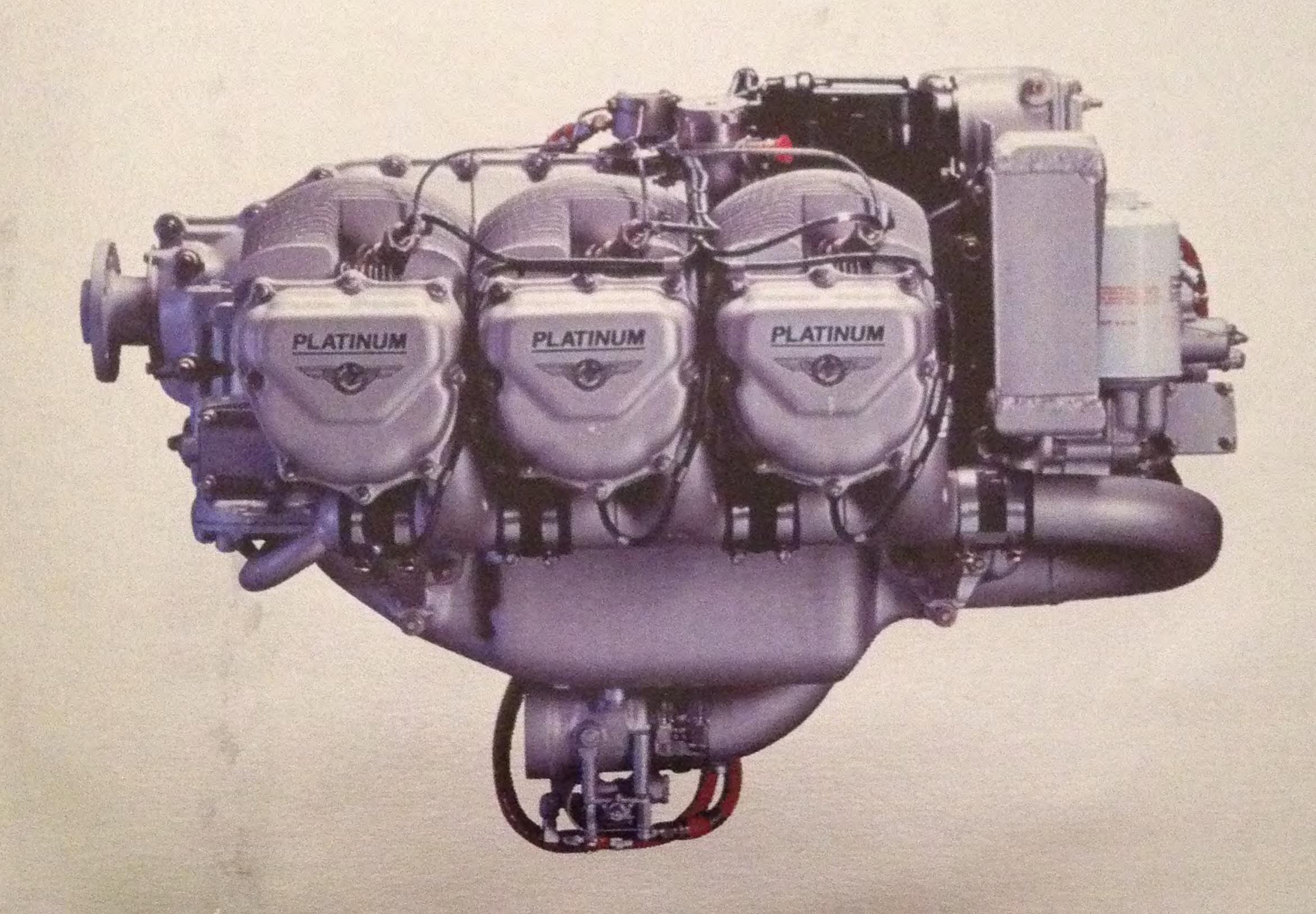
# N330SR

# PLATINUM ENGINE LOG BOOK





CONTINENTAL MOTORS

Form No. ELB-01P

Date Total Time Time Since Last Overhaul Installation Hrs. Min. Hrs. Min. Modification

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



Aviech Aircraft Maintenance Fleming-Mason Airport (FGX) 7079 Airport Rd

N330SR SR22 Serial no. 2077 TCM IO550N42 Engine Serial no. 689851 Date: 8/23/06 Flight Hobbs: 23.7

Performed the following maintenance/ repairs: Performed Cirrus Demonstrator Care 25 hour check. Changed engine oil/ filter, dissect filter no abnormalities noted, installed AA48108 filter, serviced with 8 qt's Phillips 20W50 XC 15W50. Ground run-up and performed operational inspection, all checks satisfactory.

(8)

## Avtech

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 avtech@alltel.net

N330SR Engine Entry: Date: 9/12/06 TCM 10550N42 S/N 689851 Hobbs: 57 TTE: 57

Performed the following maintenance/ repairs: Completed Cirrus 50 Hour Demo Service. Perform an Engine Operational Inspection in accordance with Teledyne Continentals Motors Maintenance Manual, Section 5. Engine oil drain and change, serviced with 8 qt's Aeroshell 15W50. Oil Sump Plug/ Drain Visual Inspection for condition. Oil Filter Perform Inspection/Check - oil filter particles, none noted. Installed AA48108 Filter. Spark Plug Cable Leads Visual Inspection for chafing, corrosion, and deposits. Air Intake Ducts Visual Inspection for general condition. Replaced broken alternate air support with new 15196-002. Alternate Air Door Check operation of alternate air flapper valve. Gascolator Fuel Filter and Bowl, Drain and clean Exhaust System Perform Inspection/Check - Exhaust System. Breather Tube Visual Inspection for obstructions and security. Clean propeller de-ice boots and protect with Shinemaster. Perform an airplane run-up in accordance with Operational/Functional Check in SR22 AMM Section 5-30. After completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities, none noted.

1

A&P 400087835



N330SR

### Avtech

Fleming-Mason Airport (FGX) 7079 Airport Rd. Maysville, KY 41056 606-742-2084 <u>avtech@alltel.net</u> Engine Entry: Date: 10/2/06 TCM 10550N42 S/N 689851 Hobbs: 95.8 TTE: 95.8

Performed the following maintenance/repairs: Completed Cirrus 100 Hour Demo Service. Perform an Engine Operational Inspection in accordance with Teledyne Continentals Motors Maintenance Manual, Section 5. Engine oil drain and change, serviced with 8 qt's Aeroshell 15W50. Oil Sump Plug/ Drain Visual Inspection for condition. Oil Filter Perform Inspection/Check - oil filter particles, none noted. Installed AA48108 Filter. Fuel Injection System Functional Inspection of Fuel Injection System in accordance with Teledyne Continentals Motors Service Information Directive 97-3. Spark Plug Cable Leads Visual Inspection for chafing, corrosion, and deposits. Air Intake Ducts Visual Inspection for general condition. Alternate Air Door Check operation of alternate air flapper valve. Gascolator Fuel Filter and Bowl. Drain and clean. Exhaust System Perform Inspection/Check - Exhaust System. Breather Tube Visual Inspection for obstructions and security. Clean propeller de-ice boots and protect with Shinemaster. Perform an airplane run-up in accordance with Operational/Functional Check in SR22 AMM Section 5-30. After completing the Operational Check, perform a walk around to detect fluid leaks or other abnormalities, none noted.

ENGINE MODEL 10-550-N ENGINE S/N: 689851 REG NO: 330SR WORK ORDER 7690-10-2006



Cirrus Design Factory Service Center

Repair Station No YD5R855Y 4515 Taylor Circle Duluth, MN 55811 Phone 218-788-3101 DATE 10/20/2006 A/C TSN: 186 5 ENG TT HOBBS: 186 5

A&P 400087835

### **Engine Entries**

(1) Changed engine oil and filter. Serviced engine with 8 quarts of Aeroshell 15W50 engine oil and installed new Champion CH48108-1 oil filter (CDC P/N 50857-001). Performed particulate inspection on old filter, no discrepancies noted. Retained oil sample to be sent out for analysis. Performed operational and leak checks with satisfactory results. All work was accomplished I.A.W. CDC. A.M.M. 12-10. Aircraft hobbs time at servicing 186.5, flight

I have reviewed the file on this aircraft and the accompanying discrepancy forms. The aircraft, airframe, aircraft engine, propeller, or appliance identified was repaired/inspected in accordance with current requirements of the Federal Aviation Administration and is approved for return to service. Pertinent details of repair are on file at this Certified Repair Station CRS YD5R855Y

DATE: 10/20/2006

SIGNED: Some

Robert Powell
Certified Repair Station No. YD5R855Y

Work Order: 7690-10-2006
Printed by EBis 3 (datcomedia.com)

Date	Total Time			e Since Overhaul	Engine Service an Installations, Inspections, Airwork	d Maintenance Ross
	Hrs.	Min.	Hrs.	Min.	Installations, Inspections, Airwork Modifications and Service Bullet	rthiness Directives, Special Inspection
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R	NGINE S/N EG NO 330	DSR	TO THE REAL PROPERTY OF THE PARTY OF THE PAR	Repair	us Design Factory Service Center Station No. YD5R855Y	DATE 11/2/2000
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				Phone	218- 788-3101	HOBBS 186.5
14	ngine Er					flight
olo	filter- none	found. Per	e oil and filter rformed opera	p/n 50857-00 tronal and leaf	11, serviced engine with 8 quarts of Aeroshell 15W50 ek checks. Op's and leak checks good. All work was a	engine oil Performed particular
	-20 Flight un	ne reads 17	0.2		1, serviced engine with 8 quarts of Aeroshell 15W50 ek checks. Op's and leak checks good. All work was a	adcomplished I.A.W. Cirrus SR22 A.M.M.
was	ave reviewed repaired/in	the file on the spected in a	this aircraft ar	nd the accomp	canying discrepancy forms. The aircraft, airframe, air quirements of the Federal Aviation Administration and on CRS YD5R855Y	roraft engine
deta	ails of repair	are on file a	at this Certifie	d Repair Statio	panying discrepancy forms. The aircraft, airframe, air quirements of the Federal Aviation Administration and on CRS YD5R855Y.	is approved for return to service. Pertinent
	TE: 11/2/2			IGNED:	1	
			Sc	ott Schelde	Sen Th	Work Order: 7813-11-2006
			Ce	rtified Repair	Station No. YD5R855Y	Printed by EBis 3 (datcomedia.com)
	INE MODEL			Cirrus	Design Factory Service Center	
REG	NO 330SR			Repair Sta	ation No. YD5R855Y	DATE 11/27/2006 A/C TSN 266.3
	RK ORDER: -11-2006		CIRRUS	Duluth, MI	N 55811	ENG TT: HOBBS 219
	ino Ent	ion		Phone 21	18- 788-3101	
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filter, was a	no discrepai	ncies noted	Retained o	il sample to be	ed engine with 8 quarts of Aeroshell 15W50 engine oil e sent out for analysis Performed operational and le	Performed particulate inspection on old
			ans contined t	Repair Station	CRS YD5R855Y	raft engine, propeller, or appliance identified approved for return to service. Pertinent
DATE	E: 11/27/20		Steve	NED:	rements of the Federal Aviation Administration and is CRS YD5R855Y  tation No. YD5R855Y	Work Order: 7929-11-2006 Printed by EBis 3 (datcomedia.com)
ENGINE	MODEL IC	006 0-550-N	Steve	NED: A	tation No. YD5R855Y	Work Order: 7929-11-2006
ENGINE ENGINE REG NO	MODEL 10 S/N 68985 0 330SR	006 0-550-N	Steve	NED: A	CRS YD5R855Y  tation No. YD5R855Y  Design Factory Service Center	Work Order: 7929-11-2006 Printed by EBis 3 (datcomedia.com)  DATE 12/18/2006
ENGINE	MODEL 10 S/N 68985 0 330SR ORDER	006 0-550-N	Steve	NED: A Wilhelmi fied Repair Station 4515 Taylor	CRS YD5R855Y  tation No. YD5R855Y  Oesign Factory Service Center on No. YD5R855Y  Circle	Work Order: 7929-11-2006 Printed by EBis 3 (datcomedia.com)  DATE 12/18/2006 A/C TSN 266.3 ENG TT
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ENGINE ENGINE REG NO WORK 0 8069-12	MODEL 10 S/N 68985 0 330SR ORDER -2006	006 0-550-N 51	Steve	NED: Wilhelmi fied Repair Static 4515 Taylor Duluth, MN 5 Phone 218-	CRS YD5R855Y  Attorn No. YD5R855Y  Design Factory Service Center on No. YD5R855Y  Circle 55811 788-3101	Work Order: 7929-11-2006 Printed by EBis 3 (datcomedia.com)  DATE 12/18/2006 A/C TSN 266.3 ENG TT HOBBS 219
ENGINE ENGINE REG NO WORK (8069-12	MODEL 10 S/N 68985 0 330SR ORDER -2006	006 0-550-N 51	Steve	NED: Wilhelmi fied Repair Static 4515 Taylor Duluth, MN 5 Phone 218-	CRS YD5R855Y  Attorn No. YD5R855Y  Design Factory Service Center on No. YD5R855Y  Circle 55811	Work Order: 7929-11-2006 Printed by EBis 3 (datcomedia.com)  DATE 12/18/2006 A/C TSN 266.3 ENG TT HOBBS 219
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		Times	Tinco	Engine Service ar	nd Mainten	ance Record
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	Powerplant	t Logb	ook I	nsert		ah: 202 40:
W	ork Done At - Ai	irframe T	ime: 29	Type: CIRRUS DESIGN; Ho S., S/N:, Time: 292.40; Prop- 92.40,, Engine Time: 292.40,		
Dil.	Performed inst	pection o	n on mu	3-1 filter. Serviced engine with er, no defects noted. Perform	ned ground run u	p and leak
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- Co	Schuler P 3847779	actory res				
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_ ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) ( ) (	Schuler P 3847779  ENGINE MODEL 10- ENGINE S/N 689851 PEG NO 330SR	550-N	CR	Cirrus Design Factory Service Conceptive Station No. 4D5R855Y	enter	DATE 1/16/2007 A/C TSN 393 1 ENG TT 393 1
- Co	ENGINE MODEL 10- ENGINE SAN 689851 REG NO 330SR WORK ORDER 8199-01-2007	550-N	C R 4 D		enter	A/C TSN 393 1 ·
- Co	ENGINE MODEL 10- ENGINE S/N 689851 RES NO 330SR WORK ORDER 8199-01-2007  Engine Entries (5) Performed engine A.M.M. 5-20 and 5-3 (11) Drained engine CH48108-1 and servic (12) Performed engine #1 70/80, #2 71/80 T.C.M. S.B. 03-3 (magneto to engine time induction air filter with T.C.M. MM section 5 with a 100 HR inspectory	1001 FR inspection of the cylinder company of the cylinder cyli	tion IAW CL TER HOUR sample, rem a 8QTS of A pression and 4 70/80, #5 cleaned, ins to discrepance of the fuel president to	Repair Station No. YD5R855Y 515 Taylor Circle Duluth, MN 55811 Phone. 218-788-3101  CRS 326.2 (8) Researched ADs through bi-week moved oil filter and performed particulate inspects Aeroshell 15W-50 oil. Leak and operational check and boroscope inspections, no discrepancies note 5 70/80, #6 75/80, master onfice reading of 4 spected, gapped, tested, rotated, and reinstalled pancies noted on inspection, work performed IAV rus mm chapter 71-60 (16) Removed, cleaned resource setups IAW T.C.M. SID 97-3C. (49) I ce to be in airworthy condition.	dy issue 2006-26, all ADs aton, no discrepancies noted on good, work performed IA ed on borpscope inspection 17/80 psi, work performed IA spark plugs IAW T.C.M. M.W.T.C.M. M.W.T.C.M. M.M. section 12 d, inspected, and reinstalled ertify that this engine has be	A/C TSN 393 1 ENG TT 393 1 HOBBS 393 1 HOBBS 393 1  Installed new oil filter P/N W cirrus mm chapter 12-10 Compressions are as follows AW T C M MM section 19, and M section 12 (14) Performed (15) Removed and replaced I fuel injection nozzles IAW een inspected in accordance
_ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \	ENGINE MODEL 10- ENGINE S/N 689851 REG NO 330SR WORK ORDER 8199-01-2007  Engine Entries (5) Performed engine A M M 5-20 and 5-3 (11) Drained engine A M M 5-20 and 5-3 (12) Drained engine A M M 5-20 and 5-3 (13) Dr	100 IR inspection of the end was designed and was designed and the end of the	tion IAW CL TER HOUR sample, rem a 80TS of A pression and 70/80, #5 cleaned, ins to discrepa 24 IAW cirr ned fuel president and the ar-	Repair Station No. YD5R855Y 515 Taylor Circle Suluth, MN 55811 Phone. 218- 788-3101  CRS 326.2 (8) Researched ADs through bi-week moved oil filter and performed particulate inspects Aeroshell 15W-50 oil. Leak and operational check and boroscope inspections, no discrepancies note 5 70/80, #6 75/80, master orifice reading of 4 spected, gapped, tested, rotated, and reinstalled cancies noted on inspection, work performed IAV rus mm chapter 71-60 (16) Removed, cleaned essure setups IAW T.C.M. SID 97-30 (49) Local	dy issue 2006-26, all ADs aton, no discrepancies noted on boroscope inspection 17/80 psi, work performed 1/2 spark plugs IAW T C M M W T C M MM section 12 d, inspected, and reinstalled ertify that this engine has be	A/C TSN 393 1 ENG TT 393 1 HOBBS 393 1 HOBBS 393 1  Installed new oil filter P/N W cirrus mm chapter 12-10 I, compressions are as follows AW T C M MM section 19, and M section 12 (14) Performed (15) Removed and replaced If fuel injection nozzles IAW een inspected in accordance

## Engine Service and Maintenance Record Time Saxe Total Time Installations, Inspections, Airworthiness Directives, Special Inspections Last Cherhauf Date Akxilikoations and Service Bulletins MEA. Hrs. Min. HIS. Brought Forward FORMACK BRIDE COMMONWEAL THE AND THE RESIDENCE AND OBS WILLIAM AND BUTTON 4/5/2007 Clark. NAME OF STREET MOTOROS. WAL 449.9 Hobbs NUMBER 440.0 EMPHRICAL PROPERTY AND INC. The abound ending comparison described about most repained and impacted to percentages with current Protects Series on Regulations and was found expending the reduced in secretary. Previously decided of the impact seek on the st from against a cannot be filled and improving statistics. He manufact contents to the Desirable A have not these first Cheele Side I would necessary the sengths with 8 sports. of Associated Millertit set. Next adaptive to appropriate temperature, CP's and least for continued sever-freness testructure. SHEW MILES THE TA CICROSCOURSE, Dr. Bodos Prijay Spiritorica, PAC 6101 Burton Station Rul. LANDMARK Norfolk, VA 23502 AVIATION (787) 887-3413 Reference W/OH Made ARRESTM # NEXTORR. TEAS 福田生生 COUNTY. Eng. Make: TCM Providence.

 Drained oil, removed filter and inspected for contaminants, none noted. Installed new filter PIN CH48108-1, refilled with 8 qts. Aeroshell 15W50. Washed engine, runup and leak check normal.

The maintenance operations described above were performed and inspected in accordance with the applicable rules of 14CFR part 43, and with respect to the work performed; this aircraft is approved for redum to service.

some dele-

Eng. Model:

ENG SN

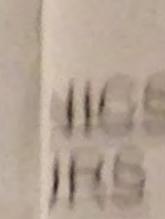
IO-550-N

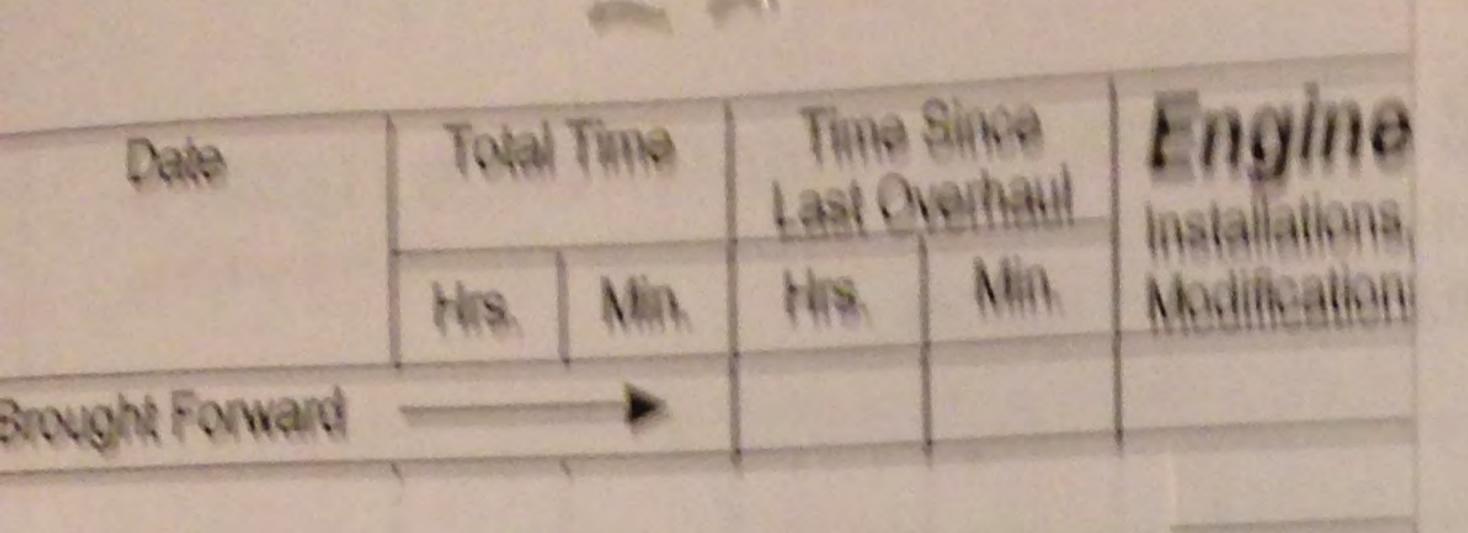
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Ramon Ayala Date: 4/26/2007

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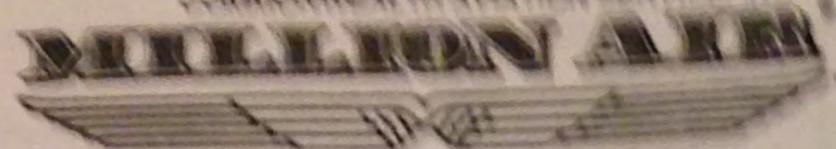
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CHAMING - BILLIAN LINE BAND

MANUFACTURER TOM

#30300 **CANE** 10-550 N(42) Modeli FERRY GLA W.B. SIN 000001 551.4 tiphes N330SR FROM HOUSE 452.0 452.9

### ENGINE FORBOOK WRENT

The aircraft ancilor component identified above was repaired and inspected in accordance with current Federal Aviation Requisions and was felled airworthy for return to socyica. Pertinant details of the repair are on file at this agancy.

Ran angine to operating temperature. Drained oil and removed oil filler. Pull open oil filter and inspected element. No matalik contemination nated Installed a new oil filter PIN CHI43103-1 and serviced the engine with 8 quarte of Aeroshell 1514'50 oil. Ran engine to operating temperature. OP's and leak checks good.

APERGINISTA Print: Certificate #

COMMONWEALTH AVIATION SERVICE, INC.

LAMBER BILLS

SERVICE AND AND SERVICE STREET

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自自自自直移 HI 4/8444 10 100 11 (16) MATHREA Model BRI BHH 999 APTE

# ENGINE LOGBOOK INSERT

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Fraubleshet engine kiek beek problem in bein meanelies. Hight meanele imphres coupling sticks and left magnete imphres coupling is weak. Hemoved test and right magnetos for repair. Installed serviceable repaired original magnatos P/N office: 19-accides 1 Blaht Magnate 6/N office: Bracketts Last magnata SAN officer: Personalis DAAN CITUS SESS MM 74:10 Performed engine operation and varified operation of magnetics: Maunetoe sperales within specified limits

APERGAN TRUBEA

COMMONWEALTH AVIATION SERVICE, IN

Approving National Aviation Authority/Country:

FAA/United States

4. Organization Name and Arkivasa

AUTHORIZED RELEASE CERTIFICATE

FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

Quality Aircraft Accessories Inc. (QVIR334V). Phone: 1-877-833-6048

Tulsa, OK 74115

Pax: BIR 835-3804

Pax: BIR 835-38

CSB641 Condensor (AD94-D1-03R2)

MSB644 COIL+ 1070 (AD94-D1-03R2)

The most fine first 12 and described in Block 13 accept as otherwise specified was partial put in accordance with EASA 145 and See Attached Work Order Summary for details. ( ) pages

Per Certifies the items kientified above were manufactured in conformity to:

C) Apprecad design data and are in a condition for sale operation Non-approved design data specified in Block 13

15. Authorized Signature: To Approval/Authorization No.: Name Dypod or Printed): 18. Data (myly):

FAA Form 8130-3 (1-07)

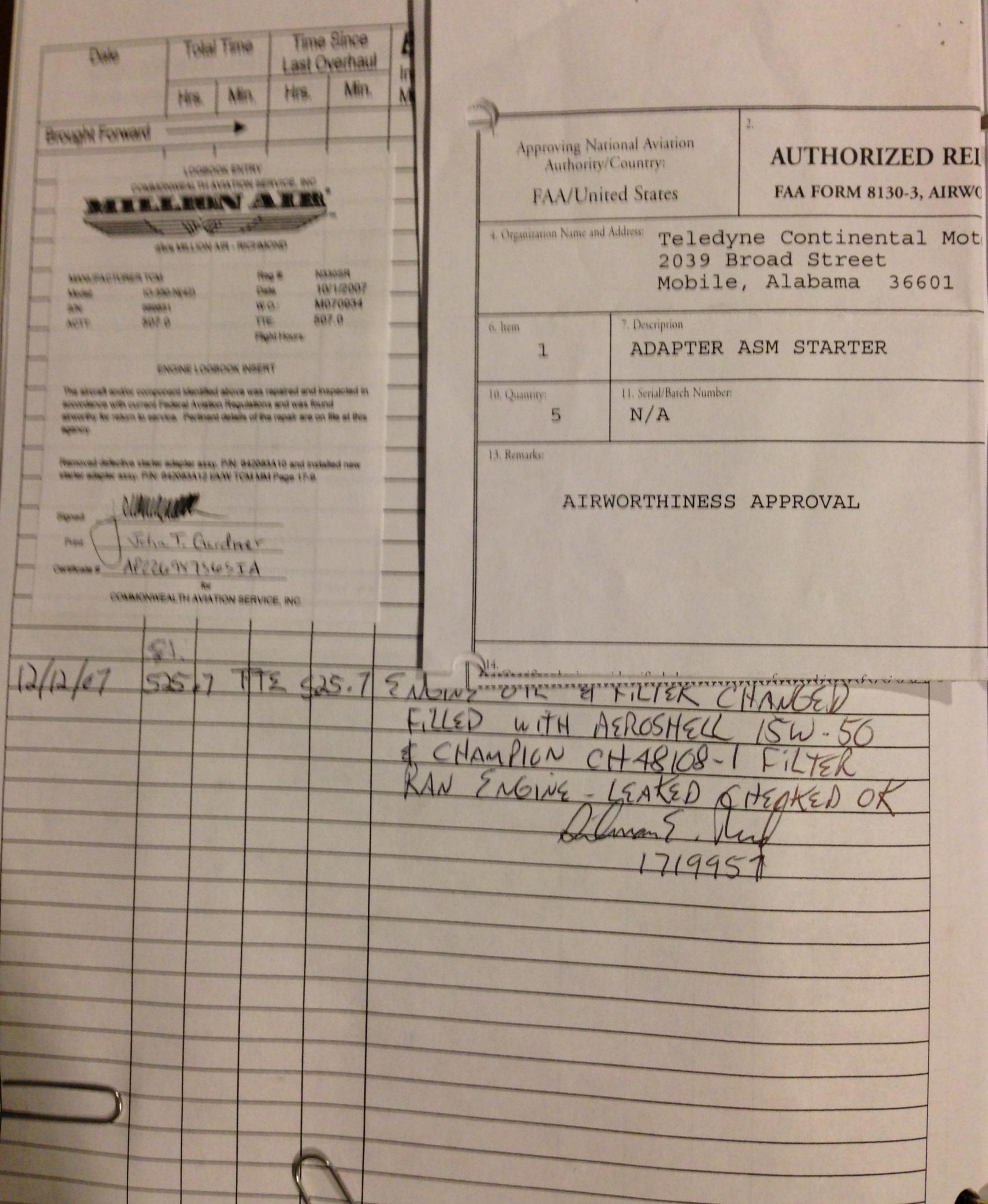
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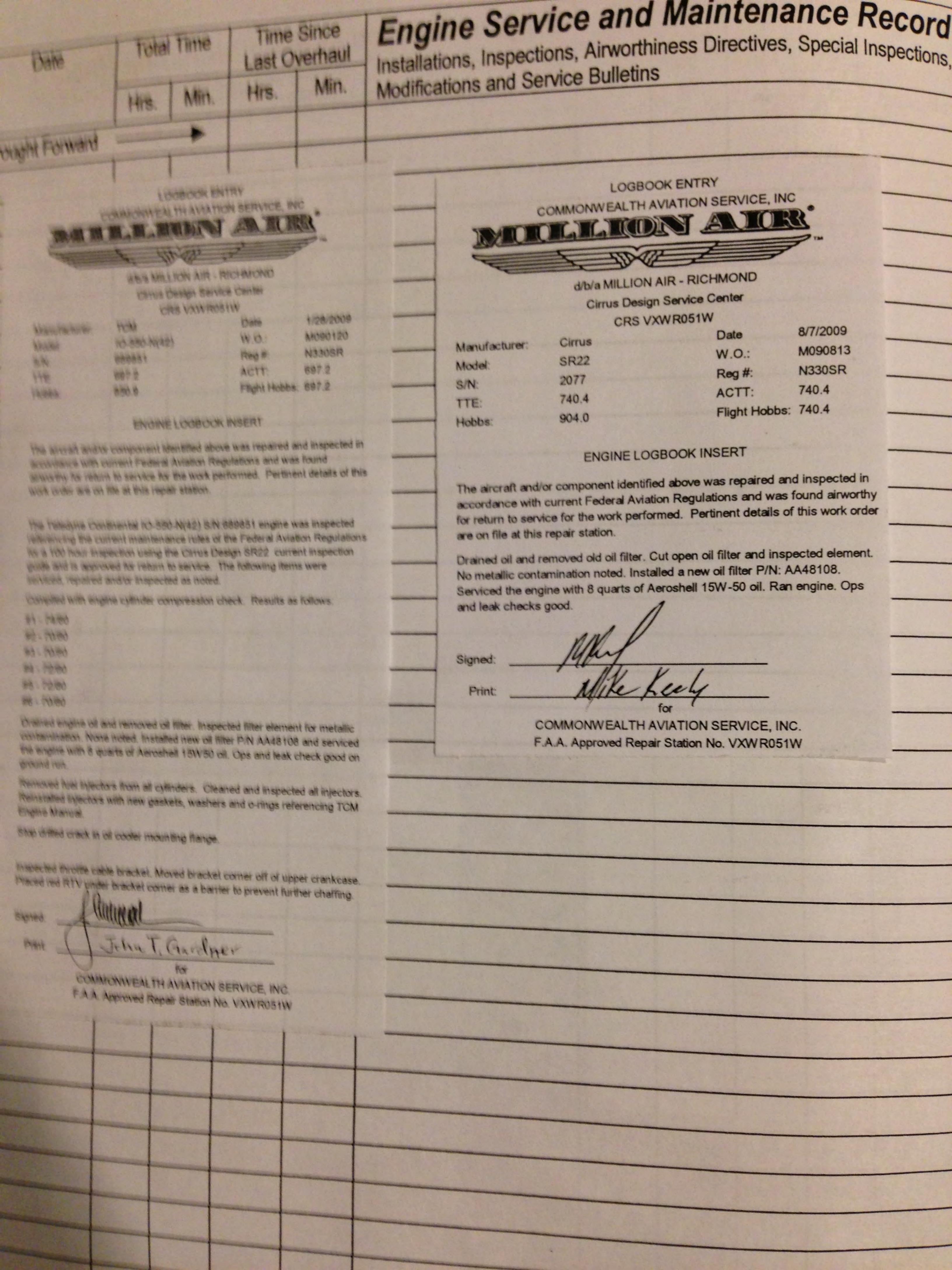
Corumas that unless otherwise specified in Block 18, the work identified in Block 10 and described in Block 10 was accomplished in accordance with Hite 1st, Conta of Perforal Plansiations, part std and in respect to that work. the hern(a) is (and) approved for return to service

Thursday 1 Typed or Printed) David Dutton

\*Installar trust orona of such administra



Date	Total	Time		verriau	Engine Service and Maintenance Record Installations, Inspections, Airworthiness Directives, Special Inspections
	Hrs.	Min.	Hrs.	Min.	Modifications and Service Bulletins
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MANUFACTURER TOM		Reg t Date	4.004	30SR 5/2008	TTE: 597.6 TSN ACTT: 597.6 Flight Hobbs: 597.6
Model 10-550- 584 589551		W.O.		80118	
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					I was repaired and inspected in
EN	IGINE LOGBO	OK INSERT			The second Continued Continued Description of the second S
					for return to service for the work performed. Pertinent details of
te arcraft and/or compone	ent identified at	bove was rep	aired and inspi	ected in	are on file at this repair station
coordance with current Fer or return to service. Pertina	deral Aviation P	Regulations a	nd was found	airworthy	Ran engine to operating temperature. Removed engine cowling. Drained
					engine oil and also captured oil sample with kit P/N: 1151 for analysis.  Removed old oil filter and inspected for metal contamination. None noted.
re Teledyne Continental III ferending the current main	O-550-N (42) S	of the Endors	ngine was ins	pected	Installed a new oil filter P/N: AA48108. Serviced the engine with 8 quarts of
a 100 hour inspection us	sing the Cirrus I	Design SR22	current inspe	ection	Aeroshell 15W50 oil. Ran engine. Installed engine cowling. OP's and leak ——checks good.
ide and is approved for re- paired and/or inspected as	sturn to service.	The follows	ng items were	serviced,	00
					La L
implied with engine cylind	ler compression	n check, Res	ults as follows	-	Signed Turkey
- 72/80 - 70/80					Print Jucha 1. Cardner
- 70/80				-	COMMONWEALTH AVIATION SERVICE, INC.
- 66/80					F.A.A. Approved Repair Station No. VXWR051W
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Date	lota	I I Ime		verhaul	Eng	gine 3	ervi	ce an	d IVIC	Directiv	ves, Special Ins	pection
	Hrs.	Min.	Hrs.	Min.	Modifi	cations a	ind Serv	ice Bullet	ins			
Brought Forwar	d	-										
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	d/b/a MILLIC	N AIR - RIC	HMOND			NOW!	MOMO	MC'MC'	Man	MAN	ANDOR	B.
	Cirrus Des	ign Service	Center						THE RESERVE AND ADDRESS OF THE PERSON NAMED IN			INI .
Manufacturer:	TCM	VXWR051V	V Date	1/20/2010					力的人	2		
Model:	IO-550-N(42)		W.O.:	M100114				d/b/a l	VILLION	IAIR - RI	ICHMOND	
S/N: TTE:	689851 793.6		Reg #: Flight Hobbs	N330SR : 793.6				Cirr			e Center	
			Hobbs:	967.2					CRS V	XWR051		EIE IOO II
	FNGINE I	OGBOOK IN	SERT			Manufact	turer:	TCM			Date	5/5/2010
The aircraft and/o				and inspected		Model:		10-550-N	1(42)		W,O.:	M10050
in accordance wit	th current Federal	Aviation Re	gulations and	was found		S/N:		689851			Reg#:	N3308F
this work order ar			nmed. Perun	ent details of	-	TTE:		832.5			Hobbs:	1015.3
The Teledyne Co					1	ACTT:		832.5			Flight Hobbs:	832.5
Regulations for a current inspection items were service	100 hour inspec guide and is app	tion using the	ne Cirrus Desi um to service	gn SR22	, -			ENG	INELO	GBOOK	INSERT	
Complied with eng				s follows:	4	The aircra	aft and/or	componer	nt identifi	ed above	was repaired an	d inspect
#1 - 75/80						accordan	ce with cu	urrent Fede	eral Aviat	tion Regu	lations and was i	found airv
#2 - 72/80						for return	to service	e for the wo	ork perfo	rmed. P	ertinent details of	this work
#4 - 70/80								epair station				
#5 - 72/80 #6 - 70/80					4	Drained o	il and col	lected sam	ple for a	nalysis. F	Removed old oil fi	Iter. Cut
Drained oil and col	llected sample for	r analysis R	emoved old o	il filter Cut		oil filter ar	nd inspec	ted elemen	it. No me	etallic cor	ntamination noted	. Installed
open oil filter and i Installed a new oil	inspected elemen	t. No metalli	c contamination	on noted.		15W-50 c	oil. Ran er	naine. Ops	and leak	k checks	gine with 8 quarts good referencing	of Aeros
of Aeroshell 15W-5 TCM IO-550 MM a	50 oil. Ran engine nd Cirrus SR22 A	MM 12-10.	ak checks go	od referencing	•	MM and C	Cirrus SR	22 AMM 1	2-10.		acca referencing	I CIVI IO
AD 2009-16-03 N/												
AD 2009-24-52 E N					-	Signed:	700	ned	R.y	Jung		
washers referencin	g TCM MM 13-17	7.	Stalled Willi IR	ew o-rings and			-		V	U		
						Print:	100	NALD	IK.	Youn	JG	
001	<b>"</b> .]				7		001	MANACANALE	A1 T11 A	for		
Signed:	www.				-		FA	A Approve	ALIHA	VIATION	N SERVICE, INC	
	John T. (	Barden						n. Approve	a repai	ir Station	No. VXWR051V	V
- TIME		for										
COM	MONWEALTH AN Approved Repair	VIATION SE	RVICE, INC.									
	rippiored itepail	Station No.	VAVVRUSTW									
				1								

						· 0	and Ma	aintenance Re	CONT
	To	tal Time	Tim	e Since	Eng	gine Servi	ce allu mi	Directives Special Inc.	cord
Date			Last (	Overnaul	Inctall	ations, Inspection cations and Servi	is, Airworumes	Directives, Special Insp	ections,
	Hrs.	Min.	Hrs.	IVIII I.	Modifi	ications and octivi			
Brought Forwa	ard —	-					LOGBOOK COMMONWEALTH AVI	ATION SERVICE, INC	
Diougin		1					THE MEDI	JANORR°	
	-	OOK ENTRY	RVICE, INC				TO AND WE		
CON	MMONWEALTH	MA	TOR	3			d/b/a MILLION AIF		
=							CRS VXW	R051W	
	d/b/a MILLION	AIR - RICHM	OND			Manufacturer:	TCM 10-550 N (42)	Date 1/3/2011 W.O.: M101219	
	Cirrus Desig	n Service Cent XWR051W				Model: S/N:	689851	Flight Hobbs: 925.3	
Wallnianmin	TCM	Da W.		M100826	1000	Reg #:	N330SR	Hobbs: 1124.6	
MOURI	10-550-N(42) 889851		g#: 1	N330SR		TTE:	925.3		
OUT.	382.2		ht Hobbs: 8	1073.3		The aircraft and/	or component identified	above was repaired and inspected	
						in accordance wi	th current Federal Aviation	on Regulations and was found	
		GBOOK INSER					re on file at this repair sta	performed. Pertinent details of ation.	
The aircraft and/or co	urrent Federal A	viation Regula	tions and w	as ivuite					
airworthy for return to	o service for the	work performe	ed. Pertinen	it details of				N: 689851 engine was inspected of the Federal Aviation	
this work order are of Drained oil and remo			ilter and insi	pected		Regulations for a	100 hour inspection usin	ng the Cirrus Design SR22 current and is approved for return to service.	
element No metallic	contamination r	noted. Installed	a new oil fi	iter P/N:		The following item	is were serviced, repaire	ed and/or inspected as noted.	
AA48108-2. Serviced engine. Ops and leak	checks good re	eferencing TCM	4 10-550 MI	M and Cirrus		Ran engine to ope	erating temperature. Dra	ined oil, captured oil analysis	
SR22 AMM 12-10.						contamination not	ed. Installed new filter (A	Iter element, no metallic A48108-2) and serviced engine	
Don	.1					with 8 quarts of Acchecks good on e	eroshell 15W50 oil. REF	: AMM 12-10. OP's and leak	
Signed:						AD 2010-11-04 do	es not apply to this engi	ine. Engine manufactured on	
Print:	John T.	Gerdner				06/25/2006 and the after June, 19, 200	ere is no record of any h	ydraulic lifters being replaced	
		or	UCE INC			Removed cracked	oil cooler and replaced	with serviceable overhauled oil	
	pproved Repair					cooler. Ops check	good REF: ICM FMM	6-12, 11-40 and O/H manual 5) S/N off: D06-4772-303. S/N on:	
	1								
						Complied with 500	hour and 4 year overha	ul of both magnetos by removing	
						Accessories Inc. (C	YIR334Y) OAA #'s 690	maul by Quality Aircraft	
						Left Mag P/N off/or	: 10-500556-1 S/N off/o	nanual 18-35. Ops checked good.	
							ON ONOIL DUOCAU48		
						injectors. Cleaned a	our/annual cleaning of fi	uel injectors by removing fuel Reinstalled injectors using new o-	
						rings, seals and gas	skets. Ref. TCM 10-550	N EMM 13-19	
						Removed defective	# 1 alternator In-t II .		
						applying fusion tane	OP's charles to au	acent alternate air flexible duct by	
							on on on ough	9 daskets with new (655705). REF:	
						1 CM 10-550-N EMN	19-6.	S-5/1013 With new (655705). REF:	
						Signed:			
						Print:	John T. Gir	dreer	
						COM	MONWEALTH AVIATIO		
						F.A.A.	Approved Repair Statio	ON SERVICE, INC. On No. VXWR051W	

Engine Service and Maintenance Record Time Since Installations, Inspections, Airworthiness Directives, Special Inspections, Total Time Last Overhaul Date Modifications and Service Bulletins Min. Hrs. Min. Hrs. Brought Forward LOGBOOK ENTRY COMMONWEALTH AVIATION SERVICE, INC d/b/a MILLION AIR - RICHMOND Cirrus Design Service Center CRS VXWR051W S/N: 4/15/2011 Date TCM TTE: Manufacturer: M110431 W.O .: 10-550 N-42 Model: N330SR Reg #: 689851 S/N: 958.1 TAT: 958.1 TTE Flight Hobbs: 958.1 N/A Hobbs: ENGINE LOGBOOK INSERT he aircraft and/or component identified above was repaired and inspected in ccordance with current Federal Aviation Regulations and was found airworthy or return to service for the work performed. Pertinent details of this work order re on file at this repair station. an engine to normal operating temperature. Drained oil. Removed and spected oil filter for metallic contamination. None found. Installed new oil filter (A48108-2) and serviced engine with 8 quarts of Aeroshell 15W 50 Oil. OP's id leak checks good. REF: AMM 79-20. emoved and tested spark plugs. Found 2 plugs that would not test. Installed 6 rviceable and 2 new spark plugs (RHB32S). Checked ignition leads and agneto drive teeth for damage. None found. REF: AMM 74-20. Signed: ned: Print: COMMONWEALTH AVIATION SERVICE, INC. F.A.A. Approved Repair Station No. VXWR051W

LOGBOOK ENTRY COMMONWEALTH AVIATION SERVICE, INC d/b/a MILLION AIR - RICHMOND

Cirrus Design Service Center CRS VXWR051W

6/1/2011

Date TCM M110528 Manufacturer: W.O .: 10-550-N(42) Model: N330SR Reg #: 689851 960.4 Flight Hobbs: 960.4 1170.0 Hobbs:

## ENGINE LOGBOOK INSERT

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service for the work performed. Pertinent details of this work order are on file at this repair station.

Removed # 3 cylinder assy. for repair. Cylinder assy. repaired by Mattituck Services, Inc., CRS# T10R834B WO# 63104 on 5/25/2011. Checked ring gaps referencing TCM OH manual 15-19. Installed repaired # 3 cylinder assembly referencing TCM OH Manual ch 18. Cylinder P/N off/on: 655932A3 S/N: 96236.

Drained oil and removed oil filter. Installed new oil filter (AA48108-2) and serviced with 8 quarts of Phillips 20W50 X/C oil. OP's and leak checked good. REF: AMM 12-10.

Complied with engine cylinder compression check. Results as follows:

#1 - 72/80

#2 - 72/80

68/80 (before repair)

70/80

#5 - 62/80

#6 - 68/80

Print:

John Gardner

COMMONWEALTH AVIATION SERVICE, INC. F.A.A. Approved Repair Station No. VXWR051W

LOGBOOK ENTRY COMMONWEALTH AVIATION SERVICE, INC.

d/b/a MILLION AIR - RICHMOND Cirrus Design Service Center CRS VXWR051W

Manufacturer: Cirrus Date 6/30/2011 Model: SR22 W.O.: M110626 S/N: 2077 Reg #: N330SR TTE: 961.8 Flight Hobbs: 961.8 Hobbs: 1172.3

### **ENGINE LOGBOOK INSERT**

The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service for the work performed. Pertinent details of this work order are on file at this repair station.

Removed cylinder #'s 1, 2, 4, 5 and 6. Reinstalled serviceable repaired cylinders in their original positions after repair by Mattituck Services, Inc. (T10R834B) Work Order 63136. OP's and leak checks good. REF: EMM Section 15-1.

Signed:

Print:

for COMMONWEALTH AVIATION SERVICE, INC. F.A.A. Approved Repair Station No. VXWR051W

Engine Service and Maintenance Record Time Since Total Time Installations, Inspections, Airworthiness Directives, Special Inspections. Date Last Cverhauf Modifications and Service Bulletins Min. Min. HIS. 810 Air 88 Inc. dba CROWNAIR FAA Approved Repair Station #CWNR273K 3783 John J. Montgomery Dr. San Diego, CA 92123 S/N: 689851 10-550-N(42) S/N: 2077 PHYSHE IN 18 Cinus SR22 Flight Hour Meter: 1006.8 Hrs NEWS K Hobbs: 1226.4 Hrs 11-55-11 Mammenance performed. Administ prop governor four pitch stop one turn. Replaced #3 extinder exhaust manifold with new P/N 15070-003. Also replaced exhaust gaskets on #1, #3 & #5 cylinder Performed extinuer compression check as follows: #1, 64/80 #2, 60/80 #3, 70/80 #4, 66/80 #5, 60/80 #6, 61/80, ACCOUNTS. I come that with respect to the work performed this engine was repaired and inspected in accordance with current FAA resultations. Only those items specified in the work order have been inspected and found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-11-05544. Air 88 Inc. dba CROWNAIR FAA Approved Repair Station #CWNR273K 3753 John J. Montgomery Dr. San Diego, CA 92123 10-550-N(42) S/N: 689851 NEEDSR Cirrus SR22 S/N: 2077 1-25-12 Hobbs: 1229.5 Hrs Flight Hour Meter: 1008.3 Hrs TSN: 1008.3 Hrs Maintenance performed: Completed Annual Inspection I/A/W Crownair 100 Hour/Annual Inspection Checklist, Form CA 105. Changed oil and filter. Serviced with 8 Qts of Phillips 20W-50 X/C oil and installed new oil filter, P/N AA48108-2. Our open and inspected oil filter for metal contamination with no defects found. Took oil sample for analysis. Compressions are as follows: #1, 72/80 #2, 72/80 #3, 75/80 #4, 60/80 #5, 64/80 #6, 67/80. Replaced induction air filter element with new P/N BA-24. AD 2011-25-51 (CMI MSB11-4) is N/A by date of engine manufacture. Also, no record of starter adapter replacement between January 1, 2011 & November 20, 2011. Complied with SB 2X-74-01 by replacing all fine wire spark plugs with new massive electrode plugs, P/N RHB32E. Removed and replaced #2 field control module. Run up to 1700 rpm, alternator light extinguishes and amperage is showing up on MFD. Restarted power alternator light comes on and amperage decreases to zero. Ops checked good. Work done VA/W Cirrus SR22 AMM 24-30. Removed #1 fuel injector line, sent out for weld repair and reinstalled. Repositioned line to prevent further chafing. I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order #PA-12-05609. Authorized Representative

900		Time	I show I Addited I a send the making		Installations, Inspections, Ai	rworthiness Directives, Special Inspections,
	Hrs.	Min.	Hrs.	Min.	Modifications and Service B	ulletins
	1	-				
					Air 88 Inc. dba CROWNAIR pproved Repair Station #CWN	R273K
				FAAA	3753 John J. Montgomery Dr.	
					San Diego, CA 92123	
						S/N: 689851
	No.				10-550-N(42) Circus SR22	S/N: 2077
TCM Eng N330SR	and a second				Hobbs: 1281.2 Hrs	Flight Hour Meter: 1051.7 Hrs
5-30-12						CHASIOS-Loil filter.
Maintens	nce per	and filter	Services	I with 8 Q	us of Phillips X/C 20W-50 oil an	d installed new CH48108-1 oil filter.
Took Adju Rem CAS 4C3-	toil same sted proposed and 2858. State with the same state with	pre ror at p dome at p replace see FAA See FAA respect	nd govern d starter Form 813 A Form 8	or to gain adapter w 30-3 for de 130-3 for de ork perfor	RPM. Ground run static RPM a with Quality Aircraft Accessorie etails. Replaced ISKRA starter verteils. Ground run and Ops che	is, Inc. overhauled unit, P/N 642083-A12, S/N is, Inc. overhauled unit, P/N 642083-A12, S/N with a rebuilt Sky-Tec starter, P/N C24ST3, S/N eck of starting system all checks good.  and inspected in accordance with current FAA and found to be airworthy for return to service.
				1		
				FAA Ap	Air 88 Inc. dba CROWNAIR oproved Repair Station #CWN 3753 John J. Montgomery Dr.	
				FAA Ap	oproved Repair Station #CWN 3753 John J. Montgomery Dr. San Diego, CA 92123	
The same of the sa				FAA Ap	oproved Repair Station #CWN 3753 John J. Montgomery Dr. San Diego, CA 92123 10-550-N(42)	S/N: 689851
30SR				FAA Ap	oproved Repair Station #CWN 3753 John J. Montgomery Dr. San Diego, CA 92123 IO-550-N(42) Cirrus SR22	S/N: 689851 S/N: 2077
30SR 2-13				FAA Ap	oproved Repair Station #CWN 3753 John J. Montgomery Dr. San Diego, CA 92123 10-550-N(42)	S/N: 689851
Change Cut ope Took oi Compre Replace AD 201	e performed and in and in sample ssions and induct 2-03-06	inal Inspired in a spected in a shall in a s	Serviced value oil filter for the lysis. lows: #1. litter element affected for the laffected for the laffetted for the l	sing Crow with 8 Qts or metal continuel servo	proved Repair Station #CWN 3753 John J. Montgomery Dr. San Diego, CA 92123 10-550-N(42) Cirrus SR22 Hobbs: 1332.4 Hrs	S/N: 689851 S/N: 2077 Flight Hour Meter: 1088.9 Hrs TSN: 1088.9 Hrs  or Inspection Checklist, Form CA 105. d installed new oil filter, P/N CH48108-1. bund.
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Engine Service and Maintenance Record Time Since Installations, Inspections, Airworthiness Directives, Special Inspections, Total Time Last Overhaul Date Modifications and Service Bulletins Min. Hrs. Min. Hrs. Brc Air 88 Inc. dba CROWNAIR FAA Approved Repair Station #CWNR273K 3753 John J. Montgomery Dr. San Diego, CA 92123 S/N: 689851 IO-550-N(42) TCM Engine S/N: 2077 Cirrus SR22 Flight Hour Meter: 1134.0 Hrs N330SR Hobbs: 1392.2 Hrs 9-23-13 Maintenance performed: Changed oil and filter. Serviced with 8 Qts of Phillips X/C 20W-50 oil and installed new CH48108-1 oil filter. Took oil sample and sent out for analysis. I certify that with respect to the work performed this engine was repaired and inspected in accordance with current FAA regulations. Only those items specified in the work order have been inspected and found to be airworthy for return to service. Details of the repair are on file at this agency under Work Order No. PA-13-06290. Authorized Representative Air 88 Inc. dba CROWNAIR FAA Approved Repair Station #CWNR273K 3753 John J. Montgomery Dr. San Diego, CA 92123 TCM Engine IO-550-N(42) S/N: 689851 N330SR Cirrus SR22 S/N: 2077 1-20-14 Hobbs: 1402.9 Hrs Flight Hour Meter: 1141.5 Hrs TSN: 1141.5 Hrs Maintenance performed: Completed Annual Inspection using Crownair Aviation Annual/100 Hour Inspection Checklist, Form CA 105. Changed oil and filter. Serviced with 8 Qts of Aeroshell 100 mineral oil and installed new oil filter, P/N CH48108-1. Cut open and inspected oil filter for metal contamination with no defects found. Took oil sample and sent in for analysis. Compressions are as follows: #1. 68/80 #2. 32/80 #3. 74/80 #4. 56/80 #5. 62/80 #6. 60/80. Replaced induction air filter element with new P/N BA-24. Repaired worn and elongated induction air filter end cover plate by installing 2 new washers P/N AN970-3 using 2 part Epoxy. TCM CSB08-3C Inspection/replacement of throttle and mixture control levers is N/A, has stainless steel control levers Replaced induction air filter element with new P/N BA-24. Removed #2 cylinder assy due to low compression. Installed overhauled exchange cylinder assy P/N 655932, S/N C5687 from Aircraft Engine Specialists using new seals and gaskets supplied with the cylinder. Ground run and leak checked good I/A/W supplied break-in procedures. Work done I/A/W TCM Overhaul Maintenance Manual M-16. Retimed right mag to 22 degrees, ground run mag checks are good. I certify that this engine has been inspected in accordance with an Annual Inspection and was determined to be in airworthy I certify that only the work requested by the owner/operator and listed above was repaired and inspected in accordance with current Federal Aviation Regulations and was found to be airworthy for return to service. Details of the repair are on file at Authorized Representative