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ENGINE MAINTENANCE RECORDS

Aircraft Registration
Engine Position
Engine Serial No.

Right 234805.R



ENGINE MAINTENANCE RECORDS

Log No. __1

Aircraft Registration No.
Engine Manufacturer
Model GTSIO-520-H
Serial No234 805. R
Date installed on aircraft
Time Between Overhauls (TBO) 1600 Hours
If used on multi-engine aircraft:
☐ Right □ Left



DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORLD
	Total	Total	Tach or Recording	

Overhaul

0.0

Service

2578.3

6-30-10

Time

RAM Aircraft, Limited Partnership • Waco Regional Airport

TCM GTSIO-520-H Right Engine S/N 234805.R

Above referenced engine overhauled to new parts limits per FAR 43.2(a)(1)(2) to conform w/TCM SM X-30045A. Applicable AD's and Service Bulletins C/W at this time. All gears cleaned, polished when required, inspected, Applicable 1818, Rev. K dated 2-08-2010. Above referenced engine modified per STC SE8338SW-D. Installed new TCM camshaft p/n 653056, s/n 44346. Installed lifters p/n R-628488 (int.) p/n R-653877 (exh). AD 10-11-04 n/a to lifter p/n installed. Installed overhauled VAR crankshaft P/N 652832, S/N D937. Ultrasonic inspection C/W per MSB96-10A and due at next overhaul or when removed. TCM GTSIO-520 series engine crankshaft counterweights, P/N 652833-OH are repaired in accordance with FAA approved procedures per RAM Drawing 2618, Rev. B, dated 10-21-05. Instructions for Continued Airworthiness: Remove P/N 652833-OH counterweights at next engine overhaul and replace with new per TCM SB00-3A, or later FAA approved revision, except if repaired by RAM Aircraft, Limited Partnership per latest FAA approved revision of RAM Drawing 2618. Contact RAM Aircraft, L.P. at 7505 Karl May Drive, Waco TX 76708, or (254)752-8381 for replacement parts or service difficulties. AD 99-19-01 N/A per crankshaft date of manufacture I/A/W TCM MSB99-6A. Engine assembled with overhauled TCM heavy style crankcase P/N 656935-14, S/N R05JA173. Installed new nickel ECI cylinders. Cylinder hold-down nuts replaced and torqued per Overhaul Manual Supplement. TCM Service Bulletin SB06-1A per date on manufacture. Installed new RAM/FAA/PMA oil cooler P/N 2601-1, S/N 1751757. AD 86-13-04 R3 and AD 93-10-02 (MSB93-12) N/A per cylinders installed. Engine accessories exchanged for overhauled or new units with exception of tach generator, vacuum pump, prop governor and hydraulic pump which were not installed per this work order. MSB94-8D on magneto timing procedure C/W per timing to data plate TC degree requirements with TDC locator and protractor with pointer. Installed rocker arms P/N 1654-1 and -2 (STC SE8338SW-D). Starter adapter shaftgear and crankshaft gear inspection, AD 2007-05-15 c/w per TCM Service Bulletin MSB94-4G per installation of Service Kit EQ6642 with bushing P/N 654472. Category 1 thru 3 TCM Service Bulletin Compliance Listing in RAM Manual. Relocated turbo oil supply line per RAM Dwg. No. 1224, Rev H, dated 11-18-03 per STC SE8338SW-D. Above referenced engine eligible for 1600 hr. TBO per TCM SIL98-9 Rev. A. Note 1. CSB02-8 N/A per capacitor with red insulator installed. C/W TCM CSB 04-5A per Capacitor replacement at overhaul. AD 82-13-01 is N/A per Kelly Aerospace overhauled magnetos installed. Aluminum alloy engine parts were coated per RAM Specification No. 1142. Installed RAM/FAA/PMA spring loaded induction clamps P/N 1170-1. Installed RAM-FAA-PMA rocker box cover gaskets P/N 1366-1. Engine ground run on test stand per RAM specifications for 4 hours. Engine run-in with Phillips 20W-50 Type M mineral oil. See RAM Recommended Oil Grade Maintenance Tip MT-1 for recommended oils. Engine approved for return to service for the work performed. Engine preserved per Service Bulletin SIL99-1 temp. storage up to 90 days. Pertinent details on file under Project No. 5272.

Sople Walt RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco, Texas 76708 CRS VA1R551K

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SUB-TOTALS this page							



7929 Karl May Dr. Waco, Texas 76708

CRS No. AK6R541N

AGTT 6008.5

Engine TT: 2578.3
Engine SMOH: 00.0
Prop SMOH: 1160.2
Hour Meter: 1802.4
Date: 09/01/2010

TCM GTSIO-520-H S/N R-234805-R

Installed above referenced engine, on right position of 421B-0315 N101DF with "O" hours since major overhaul. (See Airframe log entries for details.) Installed new oil filter and filled engine with Mineral oil. Checked magneto timing. Inspected plug harness and all engine electrical. Checked all engine controls for movement and attach points. Inspected intake and exhaust system, condition and integrity of all engine accessories. Inspected engine mounts, all baffles and cowling. Inspected prop, spinner and bulkhead. Inspected all fuel, oil and hydraulic lines and fittings. Ran compression check and readings were: 1) 79/80, 2) 79/80, 3) 79/80, 4) 79/80, 5) 78/80, and 6) 77/80. Installed new prop de-ice brushes. Installed prop S/N 814887 after repair by Byam Propeller Service with existing time of 1160.2. (See 8130-3.) All engine accessories were replaced with new or overhauled, except: tach generator, prop governor, wastegate, and vacuum pump, which were re-installed with their existing times. Fuel and oil hoses were cleaned and re-used. A.D. 2007-05-15 backlash inspection due in 100 hours. Installed new multi segmented exhaust clamp. (Next due at 2302.4 Whichever is later.) C/W A.D. 84-26-02 per installation of new induction air filter. (Next due in 300 hours per RAM.) A.D.'s researched through bi-weekly 2010-16. For complete compliance history of current and future compliance times, see A.D. listing in Checklist. Engine ground run-up leak checked good and approved for return to service. Pertinent details are on file under work order

Air Impressions, Inc.
CRS# AK6R341N

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	AIR IMPRESSION 7929 Karl Waco, Tex CRS No. A	May Dr. kas 76708	I certify this

SUB-TOTALS this page

TOTALS—Carry forward to next page

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Achievement Aviation LLC

Facility Address: Van Wert County Airport 1400 Leeson Ave Van Wert, OH 45891 Mailing Address: P.O. Box 1036 Van Wert, OH 45891 Phone# (260) 525-2975

July 18, 2012 Cessna 421-B N101DF Continental GTSIO-520-H SN# 234805R Hobbs Time: 1939.0 Engine is in RIGHT position

Drained engine oil, cut oil filter to inspect for metal particles. None found.

Reinstalled new CH48111-1 oil filter and filled aircraft with 11 quarts Aeroshell W100.

Performed post maintenance run-up of aircraft. No leaks noted.

This entry is a return to service limited to the work performed.

Note: Did not comply with AD 2000-16-10 at this time. Paragraph (b) due at Hobbs 1973.1

Joshua L Johnson

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N101DF (Right Engine Logs)

Changed oil and filter (Aeroshell 80W) Swapped turbo controller from left to right engine for troubleshooting.

DATE 10/29/2012

HOBBS 2010.2

Stephen Fortner AP2797703IA

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N101DF (Right Engine Logs)
CMI GTSIO520-H S/N 234805R

Inspected engine as required by FAR91.409 (a) (1) per inspection checklist meeting requirements of FAR 43.15 (2)(c) and FAR 43 App. D. Performed post inspection operational checks per FAR43.15 (c)

Compression #1 72/80 #2 78/80 #3 78/80 #4 79/80 #5 78/80 #6 75/80

Current Compression Meets Requirements of TCM SB03-3 Differential Pressure Test 3/28/03. (Master Orifice reading Minimum 46 PSI) Changed oil and filter. Replaced right rear shock mount with new J9613-54. Replaced A/C drive belt. Repaired various broken and loose baffles. Cleaned and resealed fuel injector nozzles. Replaced various spark plug lead ends.

CW AD2007-05-15 eff. 4/16/2007(Supersedes 2005-20-04) (GTSIO520 only) (TCM MSB94-4F)Starter adapter reoccurring inspection

(h) 100 hr/ or annual Starter drive backlash inspection per MSB94-4F part 2 (max .04") .04/ .04/ .04 AD2012-03-06 eff 2/24/2012 (supersedes ad 2011-15-10) Avstar Fuel Systems . NA affected part not installed.

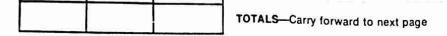
AD2012-10-13 eff 6/8/2012 (supersedes 2011-25-51) CMI starter adapter failures. NA Per CMI service Bulletin MSB11-4B. AD2008-08-17 eff. May 6, 2008 Kelly Aerospace Power Systems Turbo insp. NA per Kelley Service Bulletin 031, and 030 Rev. A. AD 2010-07-08 eff. 4/19/2010 Kelly Aerospace Energy systems (turbocharger) found NA to installed turbo per Kelly SB #39A)

AD2011-13-03 eff. 7/13/2011 Hartzell Engine Technologies (Lycoming/TCM) Certain Turbo CHRA Contamination. NA Per HET. SB 040A.

DATE 3/5/2013 HOBBS 2056.0 Aircraft TT 6262.1 ENGINE TT: 2831.9ENGINE TSMOVH 253.6
"I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND
WAS DETERMINED TO BE IN AIRWORTH'S CONDITION."

ANTHONY R. SAXTON

AP32537461A (Mh



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14	400 Leeson A	ve	Phone# (260)	525-2975	- 1
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			ntinental GTSIO-520-H SN# 234805R Hobi	os Time: 21/5.6	1
May 23, 2013	Cessna 421-E	N101DF C	ntinental G1010 020	\ <u>-</u>	\rightarrow
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u - J = 0.00	CH48111-1 oil	filter and fille	aircraft with 12 quarts Aeroshell W100.	1.3	-
Reinstalled new	CI 140 I I I - I OII	inter and inte	all Clark Will 1 - 4	Ţ.	- 1
- 1 d nost t	maintenance n	In-up of aircr	t. No leaks noted.	1.	
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This ontry is a re	turn to service	limited to the	work performed.	1	-
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Complied with Al	D 2000-16-10(b) at this time	Paragraph (b) next due at Hobbs 2225.6	- 007F 6	
Complied with Al	D 2007-15-05(h) - backlash	ess than .06 - Paragraph (h) next due at Hobb	S 22/5.0	
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	<u>МО</u>		ATION CO. CRS#AJVR135C ***** Make Cessna Ser.No.	421B0315	
Right Engin		Tach			
	7/17/2013			above was renaired	
	and Filter Servi		Aeroshell The aircraft/component identified	ant Degulations of the	
	er CH48111-1		inspected in accordance with curr	ent Regulations of the	
 Ground check 	ck leak test ok		Federal Aviation Administration a	nd found airworthy, and	
			is approved for return to service f	ог work репогтеа	
→ .			Pertinent details of the repair are	on file at the agency —	
			Work Order Kumber 4000780	Date <u>7/17/2013</u>	
	791	×	Signed Alah field	Inspector for	
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TAS VIATION, I	P. NC.		N101DF (Aircraft Logs) Cessna 421B s/n 421B0315		
TAS VIATION, I	ine MAP and lub	ed both wasteg	N101DF (Aircraft Logs) Cessna 421B s/n 421B0315 es. Removed and cleaned left engine fuel injectors, r	esealed and reinstalled. Performed	d
induction test a	nd replaced one i	induction tube	N101DF (Aircraft Logs) Cessna 421B s/n 421B0315 es. Removed and cleaned left engine fuel injectors, ramp.		đ
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	Page No	0,			
	DAT	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
0	9/1	5.7			TOTALS brought forward from previous page
		N10 Changi	Engine DA	ATE <u>Ta</u> 17/2013 225 er Serviced with 111-1	Make Cessna Ser.No. 421B0315 Model 421B Reg.Marl N101DF The aircraft/component identified above was repaired inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed Pertinent details of the repair are on file at the agency Work Order Humber A000780 Date 7/17/2013 Signed Inspector for MUNCIE AVIATION CO. CRS#AJVR1350 MUNCIE, IN 47308 765-289-7141
t		 T	ž n		
-	91 - 13 E -			-	Achievement Aviation LLC
-			Facility Ad n Wert Cou 1400 Lees	idress: inty Airport son Ave	Mailing Address: P.O. Box 1031 Van Wert, OH 45891 Phone# (260) 525-2975
F		June 1, 2013 is in RIGHT p			F Continental GTSIO-520-H SN# 234805R Hobbs Time: 2202.1 Engine
of E		inspection by	following Tel be in satisfact -4G. Reinst	ledyne Conti ctory conditional called starter	embly for inspection as required by AD 2007-15-05(j)(2) - 400 hour visual nental MSB 94-4G Revised 10-31-2005. Found crankshaft gear and starter on. Note: Starter drive gear exhibited moderate wear on 3 teeth as per figure drive assembly with new PN# 653981 gasket - see Cessna form 8130-3 in illity.
		under magnify	ving glass as AD 2007-05 5 in all positi	per MSB 94 5-15(h) dated	ted 4/16/2007 by removal of starter drive and visual inspection of gears 4-4G. Paragraph (j) next due at Hobbs 2602.1 d 4/16/2007 by measurement of backlash as per MSB 94-4G. Backlash raph (H) next due at Hobbs 2302.1
	一片			A	chievement Aviation LLC
		Van 1 Va	Facility Add Wert Coun 400 Leeso n Wert, OH 3 Cessna	lress: ty Airport n Ave I 45891	Mailing Address: P.O. Box 1031 Van Wert, OH 45891 Phone# (260) 525-2975 1DF Continental GTSIO-520-H SN# 234805R Hobbs Time: 2304.7
		Drained engine Reinstalled new Performed post Replaced all spa limits. See FAA	aHT position oil, cut oil fil Tempest A maintenanc ark plugs wit Form 8130	ter to inspect A48111-1 oil te run-up of th new Char -3 from Ces	ct for metal particles. None found. filter and filled aircraft with 12 quarts Aeroshell W100. aircraft. No leaks noted. mpion RHB32E spark plugs due to old plugs being worn beyond service sna Aircraft Company in aircraft records for traceability.
C	-	backlash -backlash -backlash -backlash -backlash	ash .0587h a	all positions	4/16/2007 - by visual inspection of viscous damper and measurement of Paragraph (h) next due at Hobbs 2404.7 2861559AP

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	TOTAL CONTRACTOR OF THE CONTRA
	*Achievement Aviation LLC
	Facility Address: Mailing Address:
ائننا	Van Wert County Airport P.O. Box 1031
	1400 Leeson Ave Van Wert, OH 45891
_	Van Wert, OH 45891 Phone# (260) 525-2975
	10001
-	September 30, 2013 Cessna 421-B N101DF Continental GTSIO-520-H SN# 234805R Hobbs Time 0.0 Engine is in RIGHT position
_	
	Drained engine oil, cut oil filter to inspect for metal particles. None found.
_	Reinstalled new Champion 48111 oil filter and filled aircraft with 12 quarts Aeroshell W80.
	Performed post maintenance run-up of arroaft. No leaks noted.
_ 1	- Island and of all chair. No leaks holds.
	() () ()
	Joshua L Johnson 2861559AP
-	2861559AF
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	Achievement Aviation LLC Mailing Address:
-1	
- 1	Facility Address.
_1	van Wert County Aliport
- 1	Van Wert, OH 45891 Phone# (260) 525-2975
-1	
	April 17, 2014 N101DF Continental GTSIO-520-H SN 234805-R Hobbs Time: 44.7 Total Time: 3187.8
-1	CONTRACTOR OF THE PROPERTY OF
- 1	SMOH:609.5 (1) Performed annual inspection of engine in accordance with 14CFR43 Appendix D (2) Compression as follows: 1-78/80, 2-78/80, 3-78/80, 4-78/80, 5-40/80, 6-76/80. Borescope
_	
- 1	examination revealed buttled valves of the serviceable Continental cylinder assembly ECC72.0CN, Cylinder PN# CFCN72.0CA, SN#42405-5 returned to service of Service PN# CFCN72.0CA, SN#42405-5 returned to service SAM DWG 1517 CRS AG2R689K on W.O. 117569.1 - see yellow tags in "Left Engine" section of "Maintenance Releases" binder in airframe records. Technical references RAM DWG 1517 CRS AG2R689K on W.O. 117569.1 - see yellow tags in "Left Engine" section of "Maintenance Releases" binder in airframe records. Technical references RAM DWG 1517 CRS AG2R689K on W.O. 117569.1 - see yellow tags in "Left Engine" section of "Maintenance Releases" binder in airframe records. Technical references RAM DWG 1517 CRS AG2R689K on W.O. 117569.1 - see yellow tags in "Left Engine" section of "Maintenance Releases" binder in airframe records. Technical references RAM DWG 1517 CRS AG2R689K on W.O. 117569.1 - see yellow tags in "Left Engine" section of "Maintenance Releases" binder in airframe records. Technical references RAM DWG 1517 CRS AG2R689K on W.O. 117569.1 - see yellow tags in "Left Engine" section of "Maintenance Releases" binder in airframe records. Technical references RAM DWG 1517 CRS AG2R689K on W.O. 117569.1 - see yellow tags in "Left Engine" section of "Maintenance Releases" binder in airframe records. Technical references RAM DWG 1517 CRS AG2R689K on W.O. 117569.1 - see yellow tags in "Left Engine" section of "Maintenance Releases" binder in airframe records.
-1	(3) Removed cylinides (3), 19-lace (3), 19-lace (4), 19-l
- 1	0 - 444 OU 1100 A E 01 01
	(4) Verified magneto timing to engine as per MSB 94-8D. (5) Drained engine oil. Cut filter and inspected as per AC43-13-1A Chapter 8 Para 6 - no significant metal particles found. Pulled sample for analysis by Blackstone (5) Drained engine oil. Cut filter and INA Tempera AA8111 oil filter, torqued to 15 ft lbs and safetied. Refilled engine with 12 qts Aeroshell 100.
- 1	 (5) Drained engine oil. Cut filter and inspected as per AC43-13-14 Chapter 8 Para 5 - no significant filter particles bothor. I have described by the support of the support
_1	(6) Complied with AD 2007-05-15 Eft 04/16/2007 - Statistin Adaptor Next due at Hobbs 144.7. Para (J) will be due at hobbs 234.9
	Next due at notices 144.7. Faut (c)
	SEE SEPARATE LISTING THIS DATE FOR DETAILED STATUS OF AIRWORTHINESS DIRECTIVES
-	I certify that this ENGINE has been inspected in accordance with an annual inspection and was found to be in airworthy condition
1	I Certify that this ENGINE has been appeared in additional this English that the second in additional things are the second in additional
_	AP 2861559 IA
	Joshua L Johnson AP 200 1559 1A
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	SUB-TOTALS this page
	707410
	TOTALS—Carry forward to next page

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	DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
					TOTALS brought forward from previous page
				۸۵۱	nievement Aviation LLC
-		F	acility Addre	ess:	Mailing Address:
		Van V	Vert County	Airport	PO Box 1031
		14	100 Leeson	Ave	Van Wert, OH 45891
		Van	Wert, OH 4	45891	Phone# (260) 525-2975
	June 2	3, 2014 N :660.6	101DF Co	ntinental GT	SIO-520-H SN 234805-R Hobbs Time: 95.8 Total Time: 3238.9
	<i>4</i> 2 5		naion toet in new	ordance with Cor	ntinental SB03-3. Compression as follows: 1-79/80, 2-79/80, 3-77/80, 4-75/80, 5-80/80,
	(2) Dra	ined engine oil. Blackstone Labo	Cut filter and in ratories. Install	led new FAA PM	C43-13-1A Chapter 8 Para 6 - no significant metal particles found. Pulled sample for analysis A Tempest AA48111 oil filter, torqued to 15 ft lbs and safetied. Refilled engine with 12 qts
	Aen	oshell 100.		4D 00 01 16 Ef	102/15/00
	(2)	Note: Paragrap	ph C, removal of the Faux 4/30/2	f tailpipe will be o	due on left side at Hobbs 437.5, right side at Hobbs 500.0, paragraph D will be due at Hobbs G-removal of system for overhaul will be due June 30, 2019, Aircraft total time 7734.4, Hobbs
	*1	time 1161.0	77	11	
	Joshua I	Johnson	LL V	JX-	AP 2861559 IA
			#	1/	end'
			V	V	
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				L	
				Ach	ievement Aviation LLC
-				Acii	ievement Aviation LLO
		Fac	ility Addres	ss:	Mailing Address:
-			ert County A		P.O. Box 1031
			1000		Van Wert, OH 45891
_) Leeson A		The state of the s
-			D Leeson A Vert, OH 45		Phone# (260) 525-2975
-	Contami	Van W	/ert, OH 45	891	Phone# (260) 525-2975
		Van W	/ert, OH 45 4 Cessna	891	The state of the s
		Van W	/ert, OH 45 4 Cessna	891	Phone# (260) 525-2975
-	Engine i	Van W ber 13, 2014 s in RIGHT	lert, OH 45 4 Cessna position	891 421-B N10	Phone# (260) 525-2975
-	Engine i	Van W ber 13, 2014 s in RIGHT	Vert, OH 45 Cessna position ght engine for	891 421-B N10	Phone# (260) 525-2975 1DF Continental GTSIO-520-H SN# 234805R Hobbs Time: 143.7
-	Engine i (1) Trou Defe	Van W ber 13, 2014 s in RIGHT ubleshoot ric ective left m	Vert, OH 45 Cessna position ght engine for agneto	891 421-B N10 ⁻ or failure to s	Phone# (260) 525-2975 1DF Continental GTSIO-520-H SN# 234805R Hobbs Time: 143.7
-	(1) Trou Defe (2) Ren H06	Van W ber 13, 2014 s in RIGHT ubleshoot rig ective left m noved starte 2080. See	Vert, OH 45 Cessna position ght engine for agneto FOR 64627 Form 8130-	891 421-B N10 or failure to s 5 SN 03002 3 from Aerot	Phone# (260) 525-2975 1DF Continental GTSIO-520-H SN# 234805R Hobbs Time: 143.7 start. Determined cause to be: (1) low cranking RPM from starter (2) 04. Replaced with overhauled Prestolite MHJ 4003 starter, SN# tech of Louisville, CRS PU4R453M referencing W.O. 111945 which ha
-	(1) Trou Defe (2) Ren H06 beel	Van War 13, 2014 s in RIGHT ubleshoot rigective left moved starte 2080. See n given to ai	Vert, OH 45 Cessna position ght engine for agneto Pr PN 64627 Form 8130- ircraft owner	891 421-B N10 or failure to s 5 SN 03002 3 from Aerot r for inclusion	Phone# (260) 525-2975 IDF Continental GTSIO-520-H SN# 234805R Hobbs Time: 143.7 start. Determined cause to be: (1) low cranking RPM from starter (2) 04. Replaced with overhauled Prestolite MHJ 4003 starter, SN# sech of Louisville, CRS PU4R453M referencing W.O. 111945 which has in permanent aircraft records.
-	(1) Trou Defe (2) Ren H06 beer (3) Ren	Van War 13, 2014 s in RIGHT ubleshoot rigective left moved starte 2080. See n given to ai noved left ha	Vert, OH 45 Cessna position ght engine for agneto er PN 64627 Form 8130- ircraft owner and magneto	s891 421-B N10 or failure to s 5 SN 03002 3 from Aerot r for inclusio o PN#10-349	Phone# (260) 525-2975 IDF Continental GTSIO-520-H SN# 234805R Hobbs Time: 143.7 start. Determined cause to be: (1) low cranking RPM from starter (2) 04. Replaced with overhauled Prestolite MHJ 4003 starter, SN# sech of Louisville, CRS PU4R453M referencing W.O. 111945 which had in in permanent aircraft records. 9220-4R SN# K032151. Replaced with overhauled PN#
-	(1) Trou Defe (2) Ren H06 beel (3) Ren 10-3	Van War 13, 2014 s in RIGHT ubleshoot rigective left moved starte 2080. See in given to ai 100ved left hat 149220-4R S	Vert, OH 45 Cessna position ght engine for agneto er PN 64627 Form 8130- ircraft owner and magneto SN B-01100.	s891 421-B N10 or failure to s 5 SN 03002 3 from Aerot r for inclusion o PN#10-34s See Form	Phone# (260) 525-2975 IDF Continental GTSIO-520-H SN# 234805R Hobbs Time: 143.7 start. Determined cause to be: (1) low cranking RPM from starter (2) 04. Replaced with overhauled Prestolite MHJ 4003 starter, SN# sech of Louisville, CRS PU4R453M referencing W.O. 111945 which had in in permanent aircraft records. 9220-4R SN# K032151. Replaced with overhauled PN# 8130-3 from Kelly Aerospace Power Systems Inc, CRS 9KPR369B
-	(1) Trou Defe (2) Ren H06 beel (3) Ren 10-3	Van War 13, 2014 s in RIGHT ubleshoot rigective left moved starte 2080. See in given to ai 100ved left hat 149220-4R S	Vert, OH 45 Cessna position ght engine for agneto er PN 64627 Form 8130- ircraft owner and magneto SN B-01100.	s891 421-B N10 or failure to s 5 SN 03002 3 from Aerot r for inclusion o PN#10-34s See Form	Phone# (260) 525-2975 IDF Continental GTSIO-520-H SN# 234805R Hobbs Time: 143.7 start. Determined cause to be: (1) low cranking RPM from starter (2) 04. Replaced with overhauled Prestolite MHJ 4003 starter, SN# sech of Louisville, CRS PU4R453M referencing W.O. 111945 which had in in permanent aircraft records. 9220-4R SN# K032151. Replaced with overhauled PN# 8130-3 from Kelly Aerospace Power Systems Inc, CRS 9KPR369B
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-	(1) Trou Defe (2) Ren H06 beei (3) Ren 10-3 refei	Van War 13, 2014 s in RIGHT ubleshoot rigective left moved starte 2080. See in given to ai 100ved left hat 149220-4R S	Vert, OH 45 Cessna position ght engine for agneto er PN 64627 Form 8130- ircraft owner and magneto SN B-01100.	s891 421-B N10 or failure to s 5 SN 03002 3 from Aerot r for inclusion o PN#10-34s See Form	Phone# (260) 525-2975 IDF Continental GTSIO-520-H SN# 234805R Hobbs Time: 143.7 start. Determined cause to be: (1) low cranking RPM from starter (2) 04. Replaced with overhauled Prestolite MHJ 4003 starter, SN# sech of Louisville, CRS PU4R453M referencing W.O. 111945 which had in in permanent aircraft records. 9220-4R SN# K032151. Replaced with overhauled PN# 8130-3 from Kelly Aerospace Power Systems Inc, CRS 9KPR369B
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-	(1) Trou Defe (2) Ren H06 beei (3) Ren 10-3 refei	Van War 13, 2014 s in RIGHT ubleshoot rigective left moved starte 2080. See a given to ai 100ved left hat 149220-4R Strencing Wor	Vert, OH 45 Cessna position ght engine for agneto er PN 64627 Form 8130- ircraft owner and magneto SN B-01100.	s891 421-B N10 or failure to s 5 SN 03002 3 from Aerot r for inclusion o PN#10-34s See Form	Phone# (260) 525-2975 IDF Continental GTSIO-520-H SN# 234805R Hobbs Time: 143.7 start. Determined cause to be: (1) low cranking RPM from starter (2) 04. Replaced with overhauled Prestolite MHJ 4003 starter, SN# tech of Louisville, CRS PU4R453M referencing W.O. 111945 which had in in permanent aircraft records. 9220-4R SN# K032151. Replaced with overhauled PN# 8130-3 from Kelly Aerospace Power Systems Inc, CRS 9KPR369B Installed magneto and timed to engine as per Continental MSB 94-81
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-	(1) Trou Defe (2) Ren H06 beei (3) Ren 10-3 refei	Van War 13, 2014 s in RIGHT ubleshoot rigective left moved starte 2080. See a given to ai 100ved left hat 149220-4R Strencing Wor	Vert, OH 45 Cessna position ght engine for agneto er PN 64627 Form 8130- ircraft owner and magneto SN B-01100.	s891 421-B N10 or failure to s 5 SN 03002 3 from Aerot r for inclusion o PN#10-34s See Form	Phone# (260) 525-2975 IDF Continental GTSIO-520-H SN# 234805R Hobbs Time: 143.7 start. Determined cause to be: (1) low cranking RPM from starter (2) 04. Replaced with overhauled Prestolite MHJ 4003 starter, SN# tech of Louisville, CRS PU4R453M referencing W.O. 111945 which had in in permanent aircraft records. 9220-4R SN# K032151. Replaced with overhauled PN# 8130-3 from Kelly Aerospace Power Systems Inc, CRS 9KPR369B Installed magneto and timed to engine as per Continental MSB 94-81
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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
	1.1			
_ 33 _ (1) _ (2)	reptember 23. 290.8 SMC Performed oc. 6-76/80. Drained engi by Blackston Phillips XC 2: Complied wit (1) paragrar (2) Note: P. 544.7. time 116 Complied with	1400 Lee Van Wert, (, 2014 N10 DH:712.5 In a cil. Cut filter: e Laboratories. Ow50. h the following p. oh (b) by followin aragraph C, remaragraph E due 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0 1.0	ounty Airport Son Ave OH 45891 OIDF Continuation accordance with and inspected as Installed new FA arts of AD 00-01- g instructions in A oval of tailpipe will 4/30/2015 paragra	Phone# (260) 525-2975 Inental GTSIO-520-H SN 234805-R Hobbs Time: 147.7 Total Time: th Continental SB03-3. Compression as follows: 1-78/80, 2-78/80, 3-78/80, 4-78/80, 5-79/80, per AC43-13-1A Chapter 8 Para 6 - no significant metal particles found. Pulled sample for analysis A PMA Tempest AA48111 oil filter, torqued to 15 ft lbs and safetied. Refilled engine with 12 qts
_ -		/	<i>V</i>	AP 2861559 IA end
		Facility Ac	ddress:	Achievement Aviation LLC
	Va	Facility Ac	iaress: inty Airport	Achievement Aviation LLC Mailing Address: PO Box 1031
- - -			iaress: inty Airport son Ave	Mailing Address: PO Box 1031 Van Wert, OH 45891
	Ŋ	an Wert Cou 1400 Lees Van Wert, O	odress: Inty Airport Son Ave PH 45891	Mailing Address: PO Box 1031
_ SN _ (1)	ay 5, 2015 MOH:791.8 Performed 6 4-78/80, 5-7	an Wert Cou 1400 Lees Van Wert, O N101DF Compression to 8/80, 6-74/80.	inty Airport on Ave H 45891 Continental G	Mailing Address:
— SA — (1) — (2)	ay 5, 2015 MOH:791.8 Performed 6 4-78/80, 5-7	an Wert Cou 1400 Lees Van Wert, O N101DF C compression to 8/80, 6-74/80. arter drive for in	inty Airport on Ave H 45891 Continental G	Mailing Address:
— SA — (1) — (2)	Performed of 4-78/80, 5-7. Removed sta	an Wert Cou 1400 Lees Van Wert, O N101DF C compression to 8/80, 6-74/80. arter drive for in	inty Airport on Ave H 45891 Continental G	Mailing Address:
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N101DF	CESSNA			S/N 0315		
DATE: 2/1/2016	Hobb	s Time: 227.0			6,779.8	16-3016
L ENG: GTSIO-520-H	5/N: 1012436		TSO:	0.0		1600
R ENG: GTSIO-520-H	S/N: 234805-R	<u> </u>	TSO:	771.3		829
L Prop: PHC-C3YD-2UF	S/N: MJ55B S/N: MJ53B		TSO:	517.7		1882 —
R Prop: PHC-C3YD-2UF L Gov DCFS29D9-A/76	S/N: 801454		TSO:	517.7		1882
R FOV DCFS29D9-A/76	S/N: 810067		TSO:	0.0		1800 -
uplied with reoccurring AD 2000 visual inspection of both exhaus	-01-16 on this engine c	xhaust systems.	Inspect	ion itame	completed we	the 50-
Nhaust system pressure test as de Continental Motors Mandatory Stion compressor belt. Installed 101454. Complied with engine tricraft engine was inspected acceptant the continent of the contine	CESSNA Hobbs S/N: 1012436 S/N: MJ55B S/N: MJ55B S/N: 781908 S/N: 810067	4-4G. Changed oners on both engines an ecded. All curl/100-hour inspectional forms of the secondition. 421B S/ 5 Time: 277.6 TSO: 50 TSO: 82 TSO: 56 TSO: 57 TSO: 58	(N 03: AFT 0.6 11.9 58.3 58.3 1.4	AD 2007-0 oil and filted engine S D's compliss per 14 CI Ala 15 T: 6.830.4	5-15 by comper. Replaced I/N 810067 rised with. I confirm the replaced approximately a	plying air- ght engine rify that pendix D. 337543694 1549 778 1832 1759 1749 eted
on both engines starter drives	omplying with Contine	ental Motors Ma	ndator s.	y Scrvice	lied with Bulletin MSI	B94-
occurring AD 2007-05-15 by condition both engines starter drives gnature:	omplying with Continue. Changed both enging	ental Motors Ma nes oil and filters	ndator s. A	y Service	olied with Bulletin MSI e IA 33754	B94-
occurring AD 2007-05-15 by conditions on both engines starter drives gnature: N101D	omplying with Contine Changed both engine	ental Motors Ma nes oil and filters	ndator	y Service	olied with Bulletin MSI e IA 33754	B94-
occurring AD 2007-05-15 by co G on both engines starter drives gnature:	omplying with Contine Changed both engine	ental Motors Ma nes oil and filters	ndator	y Service	olied with Bulletin MSI e IA 33754	3694 16-3239
DATE: 12/15/20 L ENG: GTSIO-520	omplying with Continue. Changed both engine of the continue o	cental Motors Ma nes oil and filters cessNA 421B Hobbs Time: 3	ndator	y Service lan Lanc S/N 031:	olied with Bulletin MSI e IA 33754	3694
DATE: 12/15/20 L ENG: GTSIO-520 R ENG: GTSIO-520	omplying with Continue. Changed both engine. OF OF OF OF OF OF OF OF OF O	CESSNA 421B Hobbs Time: 3 012436 34805-R	ndator s. A B18.3	y Service lan Lanc S/N 031:	olied with Bulletin MSI e IA 33754	3694 16-3239
DATE: 12/15/20 L ENG: GTSIO-520 R ENG: PHC-C3YD-	omplying with Continue. Changed both engine. OF Continue. OF Continue	CESSNA 421B Hobbs Time: 3 012436 34805-R	A B18.3 TSO: TSO: TSO:	S/N 031! AFTT: 0.0 862.6 609.0	olied with Bulletin MSI e IA 33754	3694 3694 16-3239
DATE: 12/15/20 L ENG: GTSIO-520 R ENG: GTSIO-520 R Prop: PHC-C3YD-	omplying with Continue. Changed both engine. F 16 -H S/N: 1 -H S/N: 2 2UF S/N: N	CESSNA 421B Hobbs Time: 3 012436 34805-R	A B18.3 TSO: TSO: TSO:	S/N 031! AFTT:	olied with Bulletin MSI e IA 33754	16-3239 1600 73
N101D DATE: 12/15/20 L ENG: GTSIO-520 R ENG: GTSIO-520 L Prop: PHC-C3YD-	omplying with Continue. Changed both engine. F 16 -H S/N: 1 -H S/N: 2 2UF S/N: N	CESSNA 421B Hobbs Time: 3 012436 34805-R	A B18.3 TSO: TSO: TSO:	S/N 0315 AFTT: 0.0 862.6 609.0	olied with Bulletin MSI e IA 33754	16-3239 1600 733
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N101D DATE: 12/15/20 L ENG: GTSIO-520 R ENG: GTSIO-520 L Prop: PHC-C3YD- R Prop: PHC-C3YD- L Gov DCFS29D9- R gov DCFS29D9-	omplying with Continue. Changed both engine. Changed both engine	CESSNA 421B Hobbs Time: 3 012436 34805-R 0155B 01454 10067	B18.3 TSO: TSO: TSO: TSO: TSO: TSO: TSO:	S/N 0315 AFTT: 0.0 862.6 609.0 609.0 82.1 91.3	e IA 33754	16-3239 1600 73: 179: 179 171
N101D DATE: 12/15/20 LENG: GTSIO-520 RENG: GTSIO-520 L Prop: PHC-C3YD- R Prop: PHC-C3YD- L Gov DCFS29D9- R gov DCFS29D9- Complied with reoccurring	OF CHANGED BOTH CONTINUES. Changed both Engire Changed both Engire Changed both Engire Changed Both Changed B	CESSNA 421B Hobbs Time: 3 012436 34805-R MJ55B MJ53B 01454 10067 both engine exh	B18.3 TSO: TSO: TSO: TSO: TSO: TSO: aust s	S/N 031: AFTT: 0.0 862.6 609.0 609.0 82.1 91.3 ystems. Ir	e IA 33754 6 6,871.1	16-3235 1600 73: 179 179 171 170 ems complete
N101D DATE: 12/15/20 LENG: GTSIO-520 L Prop: PHC-C3YD- R Prop: PHC-C3YD- L Gov DCFS29D9- R gov DCFS29D9- Complied with reoccurring were the 50-hour visual ins	omplying with Continue. Changed both engine. Changed both engine	EESSNA 421B Hobbs Time: 3 012436 34805-R MJ55B MJ53B 01454 10067 both engine exhust systems, the	B18.3 TSO: TSO: TSO: TSO: TSO: aust sy	S/N 0315 AFTT: 0.0 862.6 609.0 609.0 82.1 91.3 ystems. Ir ipe inspec	e IA 33754 6,871.1 aspection ite	16-3239 1600 73: 179: 179: 170: ms completed lkhead/beam
N101D DATE: 12/15/20 LENG: GTSIO-520 RENG: GTSIO-520 L Prop: PHC-C3YD- L Gov DCFS29D9- R gov DCFS29D9- Complied with reoccurring were the 50-hour visual insinspection, and completed	omplying with Continues. Changed both enging of the continues	CESSNA 421B Hobbs Time: 3 012436 34805-R 0155B 01454 10067 both engine exhaust systems, the ressure test as desired and filters	B18.3 TSO: TSO: TSO: TSO: aust syletailed	S/N 031! AFTT: 0.0 862.6 609.0 609.0 82.1 91.3 ystems. Iripe inspect	e IA 33754 E IA 33754 6,871.1 Inspection ite stion, the bull D. Complie	16-3239 1600 73: 179: 171 170 ms completed lkhead/beam d with
N101D DATE: 12/15/20 LENG: GTSIO-520 RENG: GTSIO-520 R Prop: PHC-C3YD- L Gov DCFS29D9- R gov DCFS29D9- R gov DCFS29D9- Complied with reoccurring were the 50-hour visual insinspection, and completed reoccurring AD 2007-05-1	omplying with Continues. Changed both enging in the continues. Changed both enging in the continues. Changed both enging in the continues of t	CESSNA 421B Hobbs Time: 3 012436 34805-R 0155B 01454 10067 both engine exhust systems, the ressure test as d Continental Mo	B18.3 TSO: TSO: TSO: TSO: aust syletailedotors N	S/N 0319 AFTT: 0.0 862.6 609.0 609.0 82.1 91.3 ystems. Ir ipe inspect d in the A	e IA 33754 E IA 33754 6 6,871.1 Inspection ite stion, the bull D. Complie Service Bull	16-3239 1600 73: 179: 179 171 170 ems completed khead/beam d with
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N101D DATE: 12/15/20 LENG: GTSIO-520 RENG: GTSIO-520 L Prop: PHC-C3YD- R Prop: PHC-C3YD- L Gov DCFS29D9- R gov DCFS29D9- Complied with reoccurring were the 50-hour visual insinspection, and completed reoccurring AD 2007-05-1 4G on both engines. Changasket seal P/N 2274-30. R	omplying with Continue. Changed both engine. Changed both engine	EESSNA 421B Hobbs Time: 3 012436 34805-R MJ55B MJ53B 01454 10067 both engine exhaust systems, the ressure test as defended and filters. Repturbo exhaust i	B18.3 TSO: TSO: TSO: TSO: aust sie tail pletailectors Nolaced nlet pi	S/N 031! AFTT: 0.0 862.6 609.0 609.0 82.1 91.3 ystems. Ir ipe inspect in the A Mandatory right engine P/N 99	e IA 33754 E IA 33754 6,871.1 D. Complie Service Bullet exhaust to 10379-30.	16-3239 1600 733 179 171 170 ems completed khead/beam d with lletin MSB94 turbo inlet Replaced all
N101D DATE: 12/15/20 LENG: GTSIO-520 RENG: GTSIO-520 LProp: PHC-C3YD- L Gov DCFS29D9- R gov DCFS29D9- R gov DCFS29D9- Complied with reoccurring were the 50-hour visual insinspection, and completed reoccurring AD 2007-05-1 4G on both engines. Changasket seal P/N 2274-30. R four forward engine mount	omplying with Continue. Changed both engine. Changed both engine	CESSNA 421B Hobbs Time: 3 012436 34805-R 0155B 01454 10067 both engine exhaust systems, the ressure test as d Continental Moand filters. Repturbo exhaust i 13-54. Installed	B18.3 TSO: TSO: TSO: TSO: aust sy etail p letailed otors Molaced nlet pinew f	S/N 031! AFTT: 0.0 862.6 609.0 609.0 82.1 91.3 ystems. Ir ipe inspect d in the A Mandatory right engi	e IA 33754 E IA 33754 6,871.1 Inspection ite extion, the bull D. Complie exhaust to 210379-30. Ingine mount	16-3233 1600 73: 179: 179 171 170 ms completed lkhead/beam d with lletin MSB94 turbo inlet Replaced all bolts and
N101D DATE: 12/15/20 LENG: GTSIO-520 RENG: GTSIO-520 L Prop: PHC-C3YD- R Prop: PHC-C3YD- L Gov DCFS29D9- R gov DCFS29D9- Complied with reoccurring were the 50-hour visual insinspection, and completed reoccurring AD 2007-05-1 4G on both engines. Changasket seal P/N 2274-30. R	omplying with Continue. Changed both engine. Changed both engine	CESSNA 421B Hobbs Time: 3 012436 34805-R 0155B 01454 10067 both engine exhaust systems, the ressure test as d Continental Moand filters. Repturbo exhaust i 13-54. Installed	B18.3 TSO: TSO: TSO: TSO: aust sy etail p letailed otors Molaced nlet pinew f	S/N 031! AFTT: 0.0 862.6 609.0 609.0 82.1 91.3 ystems. Ir ipe inspect d in the A Mandatory right engi	e IA 33754 E IA 33754 6,871.1 Inspection ite extion, the bull D. Complie exhaust to 210379-30. Ingine mount	16-3233 1600 73: 179: 179 171 170 ms completed lkhead/beam d with lletin MSB94 turbo inlet Replaced all bolts and
N101D DATE: 12/15/20 LENG: GTSIO-520 RENG: GTSIO-520 RENG: GTSIO-520 RProp: PHC-C3YD- L Gov DCFS29D9- R gov DCFS29D9- Complied with reoccurring were the 50-hour visual insinspection, and completed reoccurring AD 2007-05-1 4G on both engines. Changasket seal P/N 2274-30. R four forward engine mount shims as required. Forward	omplying with Continues. Changed both engines. Changed both engines. Changed both engines. Changed both engines oil deplaced right engines with new P/N J-96 d mounts were shimm	CESSNA 421B Hobbs Time: 3 012436 34805-R MJ55B MJ53B 01454 10067 both engine exhaust systems, the ressure test as d Continental Moand filters. Repturbo exhaust i 13-54. Installed ned to achieve in the rest of t	B18.3 TSO: TSO: TSO: TSO: aust special pletailed otors Nolaced nlet pinnew f	S/N 0319 AFTT: 0.0 862.6 609.0 609.0 82.1 91.3 ystems. In ipe inspect d in the A Mandatory right engine P/N 99 forward erenance ser	e IA 33754 E IA 337754 E IA	16-3239 1600 73: 179 171 170 ems completed khead/beam d with lletin MSB94 turbo inlet Replaced all bolts and minimum
N101D DATE: 12/15/20 LENG: GTSIO-520 RENG: GTSIO-520 RENG: GTSIO-520 L Prop: PHC-C3YD- L Gov DCFS29D9- R gov DCFS29D9- Complied with reoccurring were the 50-hour visual insinspection, and completed reoccurring AD 2007-05-1 4G on both engines. Chan gasket seal P/N 2274-30. R four forward engine mount shims as required. Forward clearances, all four forward clearances, all four forward engine mount shims as required.	omplying with Continues. Changed both engines. Changed both engines. Changed both engines. Changed both engines oil deplaced right engines with new P/N J-96 d mounts were shimmal engine mounts were	CESSNA 421B Hobbs Time: 3 012436 34805-R MJ55B MJ53B 01454 10067 both engine exhaust systems, the ressure test as d Continental Moand filters. Repturbo exhaust i 13-54. Installed ned to achieve reshimmed and reshimmed reshimmed and reshimmed and reshimmed and reshimmed and reshimmed and reshimmed reshimmed and reshimmed reshim	B18.3 TSO: TSO: TSO: TSO: aust sylvetailed otors Molaced nlet pinew formainte have be to the sylvetailed otors of the syl	S/N 031! AFTT: 0.0 862.6 609.0 609.0 82.1 91.3 ystems. Ir ipe inspect d in the A Mandatory right engine in the P/N 99 forward eremance sere polts lengt	spection ite stion, the bul D. Complie Service Bul ine exhaust to 10379-30. Ingine mount vice manual hs to match	16-3235 1600 73: 179 171 170 Ims completed likhead/beam d with lletin MSB94 turbo inlet Replaced all bolts and minimum . All current
N101D DATE: 12/15/20 LENG: GTSIO-520 RENG: GTSIO-520 L Prop: PHC-C3YD- L Gov DCFS29D9- R gov DCFS29D9- R gov DCFS29D9- Complied with reoccurring were the 50-hour visual insinspection, and completed reoccurring AD 2007-05-1 4G on both engines. Changasket seal P/N 2274-30. R four forward engine mount shims as required. Forward clearances, all four forward AD's complied with. I cert	omplying with Continues. Changed both engines. Changed both engines. Changed both engines of the changed both engines of the exhaust system post of both exhaust system post of both engines of the exhaust system post of both engines of the exhaust system post of both engines of the exhaust system post of the exhaust s	CESSNA 421B Hobbs Time: 3 012436 34805-R MJ53B 01454 10067 both engine exhaust systems, the ressure test as d Continental Mo and filters. Repturbo exhaust i 13-54. Installed med to achieve reshimmed and engine was inspe	B18.3 TSO: TSO: TSO: TSO: aust sylvatric tail pletailed otors Molaced nlet pinew femainte have beeted	S/N 031! AFTT: 0.0 862.6 609.0 609.0 82.1 91.3 ystems. Ir ipe inspect d in the A Mandatory right enging in the P/N 99 forward error enance servolts lengt accordance	e IA 33754 E IA 33754 6,871.1 Inspection iteration, the bull D. Complier Service Bull and exhaust to 210379-30. Ingine mount vice manual his to match the with an arrewith arrewith arrewith an arrewith an arrewith an arrewith an arrewith arrewith arrewith arrewith an arrewith arrewi	16-3233 1600 733 179 171 170 ms completed lkhead/beam d with lletin MSB94 turbo inlet Replaced all bolts and minimum . All current mual/100-ho
N101D DATE: 12/15/20 LENG: GTSIO-520 RENG: GTSIO-520 RENG: GTSIO-520 LProp: PHC-C3YD- L Gov DCFS29D9- R gov DCFS29D9- R gov DCFS29D9- Complied with reoccurring were the 50-hour visual insinspection, and completed reoccurring AD 2007-05-1 4G on both engines. Chan gasket seal P/N 2274-30. R four forward engine mount shims as required. Forward clearances, all four forward AD's complied with. I cert inspection as per 14 CFR P	omplying with Continues. Changed both engines. Changed both engines. Changed both engines of the changed both engines of the exhaust system post of both exhaust system post of both engines of the exhaust system post of both engines of the exhaust system post of both engines of the exhaust system post of the exhaust s	CESSNA 421B Hobbs Time: 3 012436 34805-R MJ53B 01454 10067 both engine exhaust systems, the ressure test as d Continental Mo and filters. Repturbo exhaust i 13-54. Installed med to achieve reshimmed and engine was inspe	B18.3 TSO: TSO: TSO: TSO: aust sylvatric tail pletailed otors Molaced nlet pinew femainte have beeted	S/N 031! AFTT: 0.0 862.6 609.0 609.0 82.1 91.3 ystems. Ir ipe inspect d in the A Mandatory right enging in the P/N 99 forward error enance servolts lengt accordance	e IA 33754 E IA 33754 6,871.1 Inspection iteration, the bull D. Complier Service Bull and exhaust to 210379-30. Ingine mount vice manual his to match the with an arrewith arrewith arrewith an arrewith an arrewith an arrewith an arrewith arrewith arrewith arrewith an arrewith arrewi	16-3233 1600 733 179 171 170 ms completed lkhead/beam d with lletin MSB94 turbo inlet Replaced all bolts and minimum . All current mual/100-ho
N101D DATE: 12/15/20 LENG: GTSIO-520 RENG: GTSIO-520 RENG: GTSIO-520 LProp: PHC-C3YD- LGov DCFS29D9- Rgov DCFS29D9- Rgov DCFS29D9- Complied with reoccurring were the 50-hour visual insinspection, and completed reoccurring AD 2007-05-1 4G on both engines. Chan gasket seal P/N 2274-30. R four forward engine mount shims as required. Forward clearances, all four forward AD's complied with. I cert inspection as per 14 CFR P Signature:	omplying with Continues. Changed both engines. Changed both engines. Changed both engines of the changed both engines of the exhaust system post of both exhaust system post of both engines of the exhaust system post of both engines of the exhaust system post of both engines of the exhaust system post of the exhaust s	CESSNA 421B Hobbs Time: 3 012436 34805-R MJ53B 01454 10067 both engine exhaust systems, the ressure test as d Continental Mo and filters. Repturbo exhaust i 13-54. Installed med to achieve reshimmed and engine was inspe	B18.3 TSO: TSO: TSO: TSO: aust sylvatric tail pletailed otors Molaced nlet pinew femainte have beeted	S/N 031: AFTT: 0.0 862.6 609.0 609.0 82.1 91.3 ystems. Ir ipe inspect d in the A Mandatory right engine P/N 99 forward er enance ser bolts lengt accordance determine	e IA 33754 E IA 33754 6 6,871.1 Inspection ite ation, the bul D. Complie are exhaust to 210379-30. The area of the complete	16-3233 1600 733 179 171 170 ms completed lkhead/beam d with lletin MSB94 turbo inlet Replaced all bolts and minimum . All current mual/100-ho

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N	N239SE	CESSNA 421	B S/N 0315 69.3 AFTT: 6,9	17-3362
-	DATE: 7/21/2017	Hobbs 3	05.5	1437
1	L ENG: GTSIO-520-H	S/N: 1012436	TSO: 162.8	666
_	R ENG: GTSIO-520-H	S/N: 234805-R	TSO: 934.1	1720
1	L Prop: PHC-C3YD-2UF	S/N: MJ55B	TSO: 680.5	1720
1	R Prop: PHC-C3YD-2UF	S/N: MJ53B	TSO: 680.5	1646
_	L Gov DCFS29D9-A/76	S/N: 801454	TSO: 153.6	1637
	R gov DCFS29D9-A/76	S/N: 810067	TSO: 162.8	
Re	egistration Number changed from N1	01DF to N239SE. Compl	ied with reoccurring AD 20	haust systems, the tail pipe
ex	haust systems. Inspection items comspection, the bulkhead/beam inspection	pleted were the 50-hour v	isual inspection of both ext	s detailed in the AD.
Co	omplied with reoccurring AD 2007-0	on, and completed the exit	ontinental Motors Mandato	ory Service Bulletin MSB94-
4G	on both engines. Changed both engi	ines oil and/filters.		1
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Sig	nature: (LC	a Vo		Alan Lance IA 337543694 _
	N239SE	CESSNA 421	B S/N 0315	91.9 17-3526
	DATE: 12/15/2017	Hobbs 41		1388
	L ENG: GTSIO-520-H	S/N: 1012436	TSO: 212.1	720-20
	R ENG: GTSIO-520-H	S/N: 234805-R	TSO: 983.4	617
	L Prop: PHC-C3YD-2UF	S/N: MJ55B	TSO: 729.8	1670
	R Prop: PHC-C3YD-2UF	S/N: MJ53B	TSO: 729.8	1670
	L Gov DCFS29D9-A/76	S/N: 801454	TSO: 202.9	1597
	R gov DCFS29D9-A/76	S/N: 810067	TSO: 212.1	1588
_	0.16 0.00 0.00 0.000		la Ingresti	n items completed were
Con	iplied with reoccurring AD 2000-	-01-16 on both engine ex	knaust systems. Hispectic	on items completed were
he s	nplied with reoccurring AD 2000- 50-hour visual inspection of both	exhaust systems, the tail	pipe inspection, the bull	chead/beam inspection,
he s	50-hour visual inspection of both completed the exhaust system pre	exhaust systems, the tail	pipe inspection, the bulk the AD. Complied with	chead/beam inspection, reoccurring AD 2007-05-
the sand	50-hour visual inspection of both completed the exhaust system pre by complying with Continental Mo	exhaust systems, the tail essure test as detailed in otors Mandatory Service	pipe inspection, the bull the AD. Complied with Bulletin MSB94-4G on	chead/beam inspection, reoccurring AD 2007-05- both engines. Changed
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Corthe	N239SE DATE: 4/25/2018 L ENG: GTSIO-520-H R Prop: PHC-C3YD-2UF R Prop: PHC-C3YD-2UF R Gov DCFS29D9-A/76 R gov DCFS29D9-A/76 mplied with reoccurring AD 2000	exhaust systems, the tail essure test as detailed in otors Mandatory Service and AD's complied with. inspection as per 14 CFI ondition. CESSNA 42 Hobbs 4 S/N: 1012436 S/N: 234805-R S/N: MJ55B S/N: MJ55B S/N: 801454 S/N: 810067	pipe inspection, the bull the AD. Complied with Bulletin MSB94-4G on I certify that this aircraft R Part 43 appendix D. The ABOVE ASSETT SO: 261.2 TSO: 261.2 TSO: 778.9 TSO: 778.9 g 252.0 TSO: 261.2 exhaust systems. Inspec	chead/beam inspection, reoccurring AD 2007-05- both engines. Changed rengine was inspected his aircraft engine has Clan Lance IA 337543694 18-3648 568 1621 1621 1548 1539
Corthe	N239SE DATE: 4/25/2018 L ENG: GTSIO-520-H R Prop: PHC-C3YD-2UF R Prop: PHC-C3YD-2UF R Gov DCFS29D9-A/76 R gov DCFS29D9-A/76 mplied with reoccurring AD 2000 50-hour visual inspection of both	exhaust systems, the tail essure test as detailed in otors Mandatory Service and AD's complied with. inspection as per 14 CFI ondition. CESSNA 42 Hobbs 4 S/N: 1012436 S/N: 234805-R S/N: MJ55B S/N: MJ55B S/N: MJ55B S/N: 801454 S/N: 810067	pipe inspection, the bull the AD. Complied with Bulletin MSB94-4G on I certify that this aircraft Part 43 appendix D. The AB S/N 0315 67.7 AFTT: 7, TSO: 261.2 TSO: 778.9 TSO: 778.9 g 252.0 TSO: 261.2 exhaust systems. Inspectial pipe inspection, the bull the AD. Complied with the AB S/N 0315	chead/beam inspection, reoccurring AD 2007-05- both engines. Changed rengine was inspected his aircraft engine has clan Lance IA 337543694 18-3648 568 1621 1621 1548 1539 tion items completed were
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Corthe and 15 I	N239SE DATE: 4/25/2018 L ENG: GTSIO-520-H L Prop: PHC-C3YD-2UF R Prop: PHC-C3YD-2UF C Gov DCFS29D9-A/76 R gov DCFS29D9-A/76	cexhaust systems, the tailessure test as detailed in otors Mandatory Service and AD's complied with. inspection as per 14 CFI ondition. CESSNA 42 Hobbs 4 S/N: 1012436 S/N: 234805-R S/N: MJ53B S/N: MJ53B S/N: 801454 S/N: 810067 0-01-16 on both engine of exhaust systems, the tailessure test as detailed in lotors Mandatory Service and the service of the systems and the service of the systems and the systems are serviced as the systems are systems are serviced as the systems are system	pipe inspection, the bull the AD. Complied with Bulletin MSB94-4G on I certify that this aircraft Part 43 appendix D. The AB S/N 0315 67.7 AFTT: 7, TSO: 261.2 TSO: 778.9 TSO: 778.9 g 252.0 TSO: 261.2 exhaust systems. Inspectial pipe inspection, the bull the AD. Complied with the AB S/N 0315	chead/beam inspection, reoccurring AD 2007-05- both engines. Changed rengine was inspected his aircraft engine has clan Lance IA 337543694 18-3648 568 1621 1621 1548 1539 tion items completed were
Corthe and 15 I	N239SE DATE: 4/25/2018 L ENG: GTSIO-520-H R Prop: PHC-C3YD-2UF R Prop: PHC-C3YD-2UF R Gov DCFS29D9-A/76 R gov DCFS29D9-A/76 mplied with reoccurring AD 2000 50-hour visual inspection of both	exhaust systems, the tail essure test as detailed in otors Mandatory Service and AD's complied with. inspection as per 14 CFI ondition. CESSNA 42 Hobbs 4 S/N: 1012436 S/N: 234805-R S/N: MJ55B S/N: MJ55B S/N: MJ55B S/N: 801454 S/N: 810067	pipe inspection, the bull the AD. Complied with Bulletin MSB94-4G on I certify that this aircraft Part 43 appendix D. The AB S/N 0315 67.7 AFTT: 7, TSO: 261.2 TSO: 778.9 TSO: 778.9 g 252.0 TSO: 261.2 exhaust systems. Inspectial pipe inspection, the bull the AD. Complied with the AB S/N 0315	chead/beam inspection, reoccurring AD 2007-05- both engines. Changed rengine was inspected his aircraft engine has clan Lance IA 337543694 18-3648 568 1621 1621 1548 1539 tion items completed were
Corthe and 15 I	N239SE DATE: 4/25/2018 L ENG: GTSIO-520-H L Prop: PHC-C3YD-2UF R Prop: PHC-C3YD-2UF C Gov DCFS29D9-A/76 R gov DCFS29D9-A/76	cexhaust systems, the tailessure test as detailed in otors Mandatory Service and AD's complied with. inspection as per 14 CFI ondition. CESSNA 42 Hobbs 4 S/N: 1012436 S/N: 234805-R S/N: MJ53B S/N: MJ53B S/N: 801454 S/N: 810067 0-01-16 on both engine of exhaust systems, the tailessure test as detailed in lotors Mandatory Service and the service of the systems and the service of the systems and the systems are serviced as the systems are systems are serviced as the systems are system	pipe inspection, the bull the AD. Complied with Bulletin MSB94-4G on I certify that this aircraft R Part 43 appendix D. The ASS STATE PART SO: 261.2 TSO: 261.2 TSO: 778.9 TSO: 778.9 TSO: 261.2 exhaust systems. Inspection, the bulletin MSB94-4G in the AD. Complied with the Bulletin MSB94-4G in the Bulletin MSB94-4G in the Bulletin MSB94-4G in the AD.	chead/beam inspection, reoccurring AD 2007-05- both engines. Changed engine was inspected his aircraft engine has Clan Lance IA 337543694 18-3648 568 1621 1621 1548 1539 tion items completed were alkhead/beam inspection, th reoccurring AD 2007-05- nspection on both engines.
Corthe and 15 I	N239SE DATE: 4/25/2018 L ENG: GTSIO-520-H L Prop: PHC-C3YD-2UF R Prop: PHC-C3YD-2UF C Gov DCFS29D9-A/76 R gov DCFS29D9-A/76	cexhaust systems, the tailessure test as detailed in otors Mandatory Service and AD's complied with. inspection as per 14 CFI ondition. CESSNA 42 Hobbs 4 S/N: 1012436 S/N: 234805-R S/N: MJ53B S/N: MJ53B S/N: 801454 S/N: 810067 0-01-16 on both engine of exhaust systems, the tailessure test as detailed in lotors Mandatory Service and the service of the systems and the service of the systems and the systems are serviced as the systems are systems are serviced as the systems are system	a pipe inspection, the bull the AD. Complied with Bulletin MSB94-4G on I certify that this aircraft R Part 43 appendix D. The AB S/N 0315 67.7 AFTT: 7, TSO: 261.2 TSO: 778.9 TSO: 778.9 g 252.0 TSO: 261.2 exhaust systems. Inspectial pipe inspection, the bull the AD. Complied with	chead/beam inspection, reoccurring AD 2007-05- both engines. Changed rengine was inspected his aircraft engine has clan Lance IA 337543694 18-3648 568 1621 1621 1548 1539 tion items completed were

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION SIGNATURE & CERTIFICA	OF WORK PERFORMED— TE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from p	revious page
N239S 6/11/2 517.2	2018 Hobbs	oil, Aeroshel	II 15w/50, a	nd filter, AA48111. Ground ran	
	ngine Log /2018	Entry		Sonrise Aviation 524.3 Hobbs	N239SE
mai Sea	nual and C	ontinental new ADs ai	Motors M nd researc	 O. Set fuel pressures per SII 	rmed per GTSIO-520 overhaul D97-3G Ground ran satisfactory. L5 by backlash test, checked ok,
be i	I certif in airworth	y this engi ny conditio	ne has bee	en inspected IAW an annual	inspection and has been found to
	Engine L				" "
10/1/20	018 Hobbs k check go	od. Comp	lied with	Sonrise Aviation O. Oil and filter changed us AD 2001-01-16 by inspection PSILBY 6223	N239SE ing Aeroshell 15w50. Run up n of exhaust system.

11/14/18	617.3 Hobb	os	
Changed oil, Aeroshell 1 satisfactory. Ground rai		. C/W AD 2007-05-15 by backlash ins	spection, found
		DAM	3255913 A&P
			is .
			•

SUB-TOTALS this page

TOTALS—Carry forward to next page

ge No	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
				TOTALS brought forward from previous page	-
1: 66 Replato cra overh AA48 adapt	/80, 2: /6, aced starte ack, 65859 aul manua 111. C/W 2 er remova	ed an ann /80, 3: 79/ r adapter s 1 cyl, 6465 al and Cont 2007-05-15 l, due agai	80, 4: 76/8 spring, 643 65A1 gask tinental M 5 by backla n 1043.7 h	Sonrise Aviation 643.7 Hobbs tion using a FAR 43 app. D conforming checklist. Cyl. comp; 30, 5: 75/80, 6: 78/80. Cleaned and gapped sparkplugs. 3110. Chafe protected oil line under alt. Replaced #2 cyl due set set, 654716 ring set. Work performed per GTSIO-520 sotors M-0. Changed oil, Aeroshell 15w/50, and filter, ash test, checked ok, due again at 743.7 hobbs and by hobbs. Ground ran satisfactory. inspected IAW an annual inspection and has been found to	
be in a	ill worthy v	condition.		DL 11 A&P 3255913 IA	
Right	t Engine	Log Entr	y !:	Sonrise Aviation N239SE	Υ
H-N01	11073). O	perational	check god	Sonrise Aviation N239SE	
H-N01 Right 4-1-20	Engine L 19 Hobbs ak check g	og Entry meter rea	ding 665.3	Sonrise Aviation N239SE 3. Oil and filter changed using Aeroshell 15w50. Run up	
Right 4-1-20 and lead ight En-1-201 valuationstalled	Engine L 19 Hobbs ak check g ngine Log 9 Hobbs on. Insta	neter reaction of the second o	check good ding 665.3 A 13	Sonrise Aviation N239SE 3. Oil and filter changed using Aeroshell 15w50. Run up	
Right 4-1-20 and lead light Endiged -1-201 valuationstalled	Engine L 19 Hobbs ak check g ngine Log 9 Hobbs on. Insta	neter reaction of the second o	check good ding 665.3 A 13	Sonrise Aviation Sonrise Aviation Sonrise Aviation Sonrise Aviation Sonrise Aviation N239SE 68.4. Sent all fuel components to D&G Supply for fuel pump (p/n 646211-1, s/n B01FA360RP). Ng valve (p/n 633573-9, s/n E048721AR). Id (p/n 634326-7A10, s/n I119411) Set up fuel	
Right 4-1-20 and lead ight En-1-201 valuationstalled	Engine L 19 Hobbs ak check g ngine Log 9 Hobbs on. Insta	neter reaction of the second o	check good ding 665.3 A 13	Sonrise Aviation Sonrise Aviation Sonrise Aviation Sonrise Aviation Sonrise Aviation N239SE 68.4. Sent all fuel components to D&G Supply for fuel pump (p/n 646211-1, s/n B01FA360RP). Ng valve (p/n 633573-9, s/n E048721AR). Id (p/n 634326-7A10, s/n I119411) Set up fuel	
Right 4-1-20 and lead ight Ending to the control of	Engine L 19 Hobbs ak check g ngine Log 9 Hobbs on. Insta	neter reaction of the second o	check good ding 665.3 A 13	Sonrise Aviation Sonrise Aviation Sonrise Aviation Sonrise Aviation Sonrise Aviation N239SE 68.4. Sent all fuel components to D&G Supply for fuel pump (p/n 646211-1, s/n B01FA360RP). Ng valve (p/n 633573-9, s/n E048721AR). Id (p/n 634326-7A10, s/n I119411) Set up fuel	

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
7-3-	19 HOBB	s meter ro	PEADING 710.	Sonrise Aviation N239SE 9. Oil and filter changed using Aeroshell 15w50. 4055099 15 732.0. REPLACED STARTER WITH OVERHAULD 889). FUNCTION CHECK GOOD Wolff Brune
		~.	LOG	BOOK ENTRY
N	239SE Cont GTS			HobbsTime:736.6 DATE 01-02-2020 S/N: 234805-R
	P/N: 8625 gaskets P/ which che	5. Remove N: 65570 cked good	ed worn valued worn valued to all six and inspected in Signature:	*** Page 1 of 1*** accordance with current federal aviation regulations, and were found airworthy for return to service.
		-		
	14	XII.	_	
				SUB-TOTALS this page

 Current Engine Compression For The Right Engine, #1 76/80, #3 76/80, #5 76/80, #2 74/80, #4 70/80, #6 73/80, Compressions Are With In Limits Removed And Replaced Engine Spark Plugs, Installed 12 New Champion RHB32E Spark Plugs, Satisfactory Upon Completion. Removed And Replaced Engine Air Filter, Installed New Engine Air Filter Donaldson P/N 08-06056 Satisfactory upon Completion. Drained Oil, Sampled Oil For Testing, Removed Filter, Cut Open Filter And Inspected, Found No Anomalies, Installed New Filter (P/N CH48111-1) Added 12 Qts. Of AeroShell 100W Plus, IAW Cessna C421B M.M. And Continental / Ram GTSIO-520 SER M.M. Performed Engine Runs And Leak Satisfactory At Completion. Complied With A.D. 07-05-15 And Continental Mandatory Service Bulletin MSB94-4H, Performed Inspection Detailed In Part 2 of MSB94-4H, The Following Results Were Found During Backlash Inspection (0°=.04") (90°=.04") (180°=.03") (270°=.03") Next Backlash Inspection Due At Hobbs M 849.2 And 1049.2, Results Are Within Limits For Continued Airworthiness. Preformed Inspection Of Exhaust As Prescribed By AD2000-01-16 Found No Discrepancies. Ground Check Good. Removed And Replaced Right Engine Tachometer Generator, Removed (P/N EM8000, S/N AT-13387), Replaced With (P/N EM8000 S/N AT1062 IAW Cessna 421C M.M. Chapter 7-80. Operational Check Satisfactory. 	2634 Airport Drive Ste. # 106 North Las Vegas, NV. 89032 Phone: 702.636.6555 May 18 Reg: N239SE S/N: 421B0315 Flight Hobbs: 0749.2 AFTT: 7322.5 WO: VGT-4789 Right Engine: GTSIO-520-H SN: 234805-R TSMOH: 1314.0 Complied with a 100hr Inspection In Accordance with Cessna 421B A/M/M, Expanded Inspection - Temporary Revision No. 13 and F. current for all effective Airworthiness Directives through Bi-Weekly 2020-10. 1.) Current Engine Compression For The Right Engine, #1 76/80, #3 76/80, #5 76/80, #2 74/80, #4 70/80, #6 73/80, Compres 2. Removed And Replaced Engine Spark Plugs, Installed 12 New Champion RHB32E Spark Plugs, Satisfactory Upon Completi 3. Removed And Replaced Engine Air Filter, Installed New Engine Air Filter Donaldson P/N 08-06056 Satisfactory upon Completi Oil, Sampled Oil For Testing, Removed Filter, Cut Open Filter And Inspected, Found No Anomalies, Installed New Added 12 Qts. Of AeroShell 100W Plus, IAW Cessna C421B M.M. And Continental / Ram GTSIO-520 SER M.M. Performed Satisfactory At Completion. 5.) Complied With A.D. 07-05-15 And Continental Mandatory Service Bulletin MSB94-4H, Performed Inspection Detailed In Prollowing Results Were Found During Backlash Inspection (0°=.04") (90°=.04") (180°=.03") (270°=.03") Next Backlash Inspection Inspection Of Exhaust As Prescribed By AD2000-01-16 Found No Discrepancies. Ground Check Good. 7.) Removed And Replaced Right Engine Tachometer Generator Removed (P/N EM8000 S/N AT-13387). Replaced With (P/N Em8000 S/N AT-13387).	AR 43, D Right Engine is sions Are With In Limits. on. oletion. Filter (P/N CH48111-1) Engine Runs And Leak Cheart 2 of MSB94-4H, The ection Due At Hobbs Mete
Reg: N239SE S/N: 421B0315 Fight Hobbs: 0749.2 AFTI: 7322.5 WO: VGT-4789 Reg: N239SE S/N: 421B0315 Fight Hobbs: 0749.2 AFTI: 7322.5 WO: VGT-4789 Right Engine: GTSIO-520-H SN: 234805-R TSMOH: 1314.0 Compiled with a 100hr Inspection in Accordance with Cessna 421B A/M/M, Expanded Inspection - Temporary Revision No. 13 and FAR 43, D Right Engine: a facilities of all effective Airworthiness Directives through Bit-Weekly 2020-10. 1.) Current Engine Compression For The Right Engine, #176/80,#376/80, #576/80, #274/80, #470/80, #673/80, Compressions Are With In Umits Removed And Replaced Engine Spark Plugs, Installed 12 New Champion RH1932E Spark Plugs, Satisfactory Upon Completion. 3.) Removed And Replaced Engine Spark Plugs, Installed 12 New Champion RH1932E Spark Plugs, Satisfactory upon Completion. 4.) Drained Oil, Sampled Oil For Testing, Removed Filter, Cut Open Filter And Inspected, Found No Anomalies, Installed New Filter (P/N CH48111-1) Added 12 Cds. Of AeroShell 100W Plus, IAW Cessna C421B M.M. And Continental / Ram GTSIO-520 SER M.M. Performed Engine Runs And Leak Satisfactory At Completion Of Testing, Removed Filter, Cut Open Filter And Inspected, Found No Anomalies, Installed New Filter (P/N CH48111-1) Added 12 Cds. Of AeroShell 100W Plus, IAW Cessna C421B M.M. And Continental / Ram GTSIO-520 SER M.M. Performed Inspection Developed Plus Service Bulletin MS594-4H, The Following Results Were Found During Backlash Inspection (0°-0.40") (90°-0.40") (180°-0.30") (270°-0.30") Next Backlash Inspection Due At Hobbs M 849.2 And 1049.2, Results Are Within Limits For Continued Airworthiness. 6.) Performed Inspection Of Exhaust As Prescribed by AD2000-01-16 Found No Discrepancies. Ground Check Good. 7.) Removed And Replaced Right Engine Tachometer Generators, Removed (P/N EM8000, S/N AT-13387), Replaced With (P/N EM8000 S/N AT1062 IAW Cessna 421C M.M. Chapter 7-80. Operational Check Satisfactory. Certify that the maintenance described above was accomplished in accordance with the Manufacturer's Maintenance Prog	2634 Airport Drive Ste. # 106 North Las Vegas, NV. 89032 Phone: 702.636.6555 May 18 Reg: N239SE S/N: 421B0315 Flight Hobbs: 0749.2 AFTT: 7322.5 WO: VGT-4789 Right Engine: GTSIO-520-H SN: 234805-R TSMOH: 1314.0 Complied with a 100hr Inspection In Accordance with Cessna 421B A/M/M, Expanded Inspection - Temporary Revision No. 13 and Factories of all effective Airworthiness Directives through Bi-Weekly 2020-10. 1.) Current Engine Compression For The Right Engine, #1 76/80, #3 76/80, #5 76/80, #2 74/80, #4 70/80, #6 73/80, Compres 2.) Removed And Replaced Engine Spark Plugs, Installed 12 New Champion RHB32E Spark Plugs, Satisfactory Upon Completi 3.) Removed And Replaced Engine Air Filter, Installed New Engine Air Filter Donaldson P/N 08-06056 Satisfactory upon Completi Oil, Sampled Oil For Testing, Removed Filter, Cut Open Filter And Inspected, Found No Anomalies, Installed New Added 12 Cts. Of AeroShell 100W Plus, IAW Cessna C421B M.M. And Continental / Ram GTSIO-520 SER M.M. Performed Satisfactory At Completion. 5.) Complied With A.D. 07-05-15 And Continental Mandatory Service Bulletin MSB94-4H, Performed Inspection Detailed In Following Results Were Found During Backlash Inspection (0°=.04") (90°=.04") (180°=.03") (270°=.03") Next Backlash Inspection Generator Removed (P/N EM8000 S/N AT-13387). Replaced With (P/N Embodo S/N AT-13387).	AR 43, D Right Engine is sions Are With In Limits. on. oletion. Filter (P/N CH48111-1) Engine Runs And Leak Cheart 2 of MSB94-4H, The ection Due At Hobbs Mete
Reg: N239SE S/N: 42180315 Flight Hobbs: 0749.2 AFTI: 7322.5 WO: VGT-4789 Right Engine: GTSIO-520+H SN: 234805-R TSMOH: 1314.0 Complied with a 100hr Inspection in Accordance with Cessna 4218 A/M/M, Expanded Inspection - Temporary Revision No. 13 and FAR 43, D Right Engine is current for all effective Airworthiness Directives through Bi-Weekly 2020-10. 1.) Current Engine Compression For The Right Engine, #1 76/80,#3 76/80, #5 76/80, #2 74/80, #4 70/80, #6 73/80, Compressions Are With In Limits University of the Right Engine Spark Plugs, Installed 12 New Champion RHB32E Spark Plugs, Satisfactory Upon Completion. 3.] Removed And Replaced Engine Fair Filter, Installed New Engine Air Filter Donaldson P/N 08-06055 Satisfactory Upon Completion. 3.] Removed And Replaced Engine Air Filter, Installed New Engine Air Filter Donaldson P/N 08-06055 Satisfactory Upon Completion. 4.] Drained Oil, Sampled Oil For Testing, Removed Filter, Cut Open Filter And Inspected, Found No Anomalies, Installed New Filter (P/N CH48111-1) Added 12 Cts. Of AeroShell 100W Plus, IAW Cessna C421B M.M. And Continental / Ram GTSIO-520 SER M.M. Performed Engine Runs And Leak Satisfactory At Completion. 5.] Complied With A.D. 07-05-15 And Continental Mandatory Service Bulletin MSB94-4H, Performed Inspection Detailed in Part 2 of MSB94-4H, The Following Results Were Found During Backlash Inspection (0°-0,04°) [00°-0,04°) [180°-0,03°) [270°-0,03°) Next Backlash Inspection Due At Hobbs M 493.2 And 1099.2, Results Are With Institute of Airworthines of Preformed Inspection Of Exhaust As Prescribed by AD2000-01-15 Found No Discrepancies. Ground Check Good. 7.] Removed And Replaced Right Engine Enchometer Generator, Removed (P/N EM8000, S/N AT-13387), Replaced With (P/N EM8000 S/N AT1062 IAW Cessna 421C M.M. Chapter 7-80. Operational Check Satisfactory. Val Sutherland 3641617 A&P JULI 11 JULI	Reg: N239SE S/N: 421B0315 Flight Hobbs: 0749.2 AFTT: 7322.5 WO: VGT-4789 Right Engine: GTSIO-520-H SN: 234805-R TSMOH: 1314.0 Complied with a 100hr Inspection In Accordance with Cessna 421B A/M/M, Expanded Inspection - Temporary Revision No. 13 and Fourrent for all effective Airworthiness Directives through Bi-Weekly 2020-10. 1.) Current Engine Compression For The Right Engine, #1 76/80,#3 76/80, #5 76/80, #2 74/80, #4 70/80, #6 73/80, Compres 2.) Removed And Replaced Engine Spark Plugs, Installed 12 New Champion RHB32E Spark Plugs, Satisfactory Upon Completi 3.) Removed And Replaced Engine Air Filter, Installed New Engine Air Filter Donaldson P/N 08-06056 Satisfactory upon Completi OI, Sampled Oil For Testing, Removed Filter, Cut Open Filter And Inspected, Found No Anomalies, Installed New Added 12 Qts. Of AeroShell 100W Plus, IAW Cessna C421B M.M. And Continental / Ram GTSIO-520 SER M.M. Performed Satisfactory At Completion. 5.) Complied With A.D. 07-05-15 And Continental Mandatory Service Bulletin MSB94-4H, Performed Inspection Detailed In Following Results Were Found During Backlash Inspection (0°=.04") (90°=.04") (180°=.03") (270°=.03") Next Backlash Inspection (190°=.04") (190°=.04") (190°=.03") (190°=.03") Next Backlash Inspection Of Exhaust As Prescribed By AD2000-01-16 Found No Discrepancies. Ground Check Good. 7.) Removed And Replaced Right Engine Tachometer Generator, Removed (19/N) EM8000, S/N AT-13387). Replaced With (19/1)	AR 43, D Right Engine is sions Are With In Limits. on. oletion. Filter (P/N CH48111-1) Engine Runs And Leak Cheart 2 of MSB94-4H, The ection Due At Hobbs Mete
Compiled with a 100hr Inspection In Accordance with Cessna 421B A/M/M, Expanded Inspection - Temporary Revision No. 13 and FAR 43, D Right Engine is urrent for all effective Airworthiness Directives through Bit-Weekly 2020-10. 1. Current Engine Compression For The Right Engine, 81, 17580,81 376/80, #5 76/80, #5 76/80, #6 73/80, Compressions Are With In Limits 2. Removed And Replaced Engine Spark Plugs, Installed 12 New Champion RHB32E Spark Plugs, Satisfactory Upon Completion. 3. Removed And Replaced Engine Air Filter, Installed New Engine Air Filter Donaldson P/N 08-06056 Satisfactory upon Completion. 4. Drained Oil, Sampled Oil For Testing, Removed Filter, Cut Open Filter And Inspected, Found No Anomalies, Installed New Filter (P/N CH48111-1) Added 12 Qts. Of AeroShell 100W Plus , IAW Cessna C421B M.M. And Continental / Ram GTSIO-520 SER M.M. Performed Engine Runs And Leak Satisfactory At Completion. 5. Complied With A.D. 07-05-15 And Continental Mandatory Service Bulletin MS894-4H, Performed Inspection Detailed In Part 2 of MS894-4H, The Following Results Were Found During Backlash Inspection (0°=0.4") (80°=0.4") (80°=0.4") (80°=0.3") (70°=0.3") Next Backlash Inspection Due At Hobbs M 849.2 And 1049.2, Results Are Within Limits For Continued Airworthiness. 6. Preformed Inspection Of Exhaust As Prescribed By AD2000-11.6 Found No Discrepancies. Ground Check Good. 7. Removed And Replaced Right Engine Tachometer Generator, Removed (P/N EM8000, S/N AT-13387), Replaced With (P/N EM8000 S/N AT1062 IAW Cessna 421C M.M. Chapter 7-80, Operational Check Satisfactory. Certify that the maintenance described above was accomplished in accordance with the Manufacturer's Maintenance Program, requirements of 14 CFR 42 with respect to the work performed is airworthy and approved for return to service. Val Sutherland 3641617 A&P J.J. 31 69 69 77/80ps 1. OTL DRAINED, FILTER REMOVED AND CUT OFEN. MOY SULL COMPACTION LUBRICATION PERFORMED ON ENGINE MERCEN CHACKED, CLEANED AND SAFETTED. ON 17 SULL CONTAINTATES NOTED. ENGIN	 Complied with a 100hr Inspection In Accordance with Cessna 421B A/M/M, Expanded Inspection - Temporary Revision No. 13 and Fourrent for all effective Airworthiness Directives through Bi-Weekly 2020-10. Current Engine Compression For The Right Engine, #1 76/80, #3 76/80, #5 76/80, #2 74/80, #4 70/80, #6 73/80, Compres 2.) Removed And Replaced Engine Spark Plugs, Installed 12 New Champion RHB32E Spark Plugs, Satisfactory Upon Completi 3.) Removed And Replaced Engine Air Filter, Installed New Engine Air Filter Donaldson P/N 08-06056 Satisfactory upon Completi Drained Oil, Sampled Oil For Testing, Removed Filter, Cut Open Filter And Inspected, Found No Anomalies, Installed New Added 12 Qts. Of AeroShell 100W Plus, IAW Cessna C421B M.M. And Continental / Ram GTSIO-520 SER M.M. Performed Satisfactory At Completion. Complied With A.D. 07-05-15 And Continental Mandatory Service Bulletin MSB94-4H, Performed Inspection Detailed In Following Results Were Found During Backlash Inspection (0°=.04") (90°=.04") (180°=.03") (270°=.03") Next Backlash Inspection Generator Removed (10/N EM8000 S/N AT-13387). Replaced With (P/N EM8000 S/N AT-13387). 	cions Are With In Limits. on. eletion. Filter (P/N CH48111-1) Engine Runs And Leak Che art 2 of MSB94-4H, The ection Due At Hobbs Mete
1.) Current Engine Compression For The Right Engine, #1 76/80, #3 76/80, #5 76/80, #2 74/80, #4 70/80, #6 73/80, Compressions Are With In Limits Removed And Replaced Engine Spark Plugs, Installed 12 New Champion RHB32E Spark Plugs, Satisfactory Upon Completion. 3.) Removed And Replaced Engine Agine Life Installed New Engine Air Filter Donaldson P/N 08-06055 Satisfactory upon Completion. 4.) Drained Oil, Sampled Oil For Testing, Removed Filter, Cut Open Filter And Inspected, Found No Anomalies, Installed New Filter (P/N CH48111-1) Added 12 Oss. of Aeroschell 100W Plus, IAW Cessna C4218 M.M. And Continental / Ram GTSIO-520 SER M.M. Performed Runs And Leak Satisfactory At Completion. 5.) Complied With A.D. 0.70-5-15 And Continental Mandatory Service Bulletin MSB94-4H, Performed Inspection Detailed In Part 2 of MSB94-4H, The Following Results Were Found During Backlash Inspection (0°=0.04°) (180°=0.3°) (27	 Current Engine Compression For The Right Engine, #1 76/80,#3 76/80, #5 76/80, #2 74/80, #4 70/80, #6 73/80, Compres Removed And Replaced Engine Spark Plugs, Installed 12 New Champion RHB32E Spark Plugs, Satisfactory Upon Completi Removed And Replaced Engine Air Filter, Installed New Engine Air Filter Donaldson P/N 08-06056 Satisfactory upon Completion. Drained Oil, Sampled Oil For Testing, Removed Filter, Cut Open Filter And Inspected, Found No Anomalies, Installed New Added 12 Qts. Of AeroShell 100W Plus, IAW Cessna C421B M.M. And Continental / Ram GTSIO-520 SER M.M. Performed Satisfactory At Completion. Complied With A.D. 07-05-15 And Continental Mandatory Service Bulletin MSB94-4H, Performed Inspection Detailed In Following Results Were Found During Backlash Inspection (0°=.04") (90°=.04") (180°=.03") (270°=.03") Next Backlash Inspection and 1049.2, Results Are Within Limits For Continued Airworthiness. Preformed Inspection Of Exhaust As Prescribed By AD2000-01-16 Found No Discrepancies. Ground Check Good. Removed And Replaced Right Engine Tachometer Generator Removed (PAN EM8000, SAN AT-13387). Replaced With (PAN EM8000, SAN AT-13387). Replaced With (PAN EM8000, SAN AT-13387). 	on. eletion. Filter (P/N CH48111-1) Engine Runs And Leak Che art 2 of MSB94-4H, The ection Due At Hobbs Mete
Following Results Were Hound During Backlash Inspection (0°=,04") (90°=,04") (180°=,03") (270°=,03") Next Backlash Inspection Due At Hobbs M 349,2 And 1049,2, Results Are Within Limits For Continued Airworthiness. 6.) Preformed Inspection Of Exhaust As Prescribed By AD2000-01-16 Found No Discrepancies. Ground Check Good. 7.) Removed And Replaced Right Engine Tachometer Generator, Removed (P/N EM8000, S/N AT-13387), Replaced With (P/N EM8000 S/N AT1062 IAW Cessna 421C M.M. Chapter 7-80. Operational Check Satisfactory. certify that the maintenance described above was accomplished in accordance with the Manufacturer's Maintenance Program, requirements of 14 CFR 43 with respect to the work performed is airworthy and approved for return to service. Val Sutherland 3641617 A&P J J J J J J J J J J J J J J J J J J J	Following Results Were Found During Backlash Inspection (0°=.04") (90°=.04") (180°=.03") (270°=.03") Next Backlash Inspection (180°=.03") (270°=.03") Next Backlash Inspection (190°=.04") (190°=.04") (190°=.03") Next Backlash Inspection (190°=.04") (190°=	ection Due At Hobbs Mete
7.) Removed And Replaced Right Engine Tachometer Generator, Removed (P/N EM8000, S/N AT-13387), Replaced With (P/N EM8000 S/N AT1062 IAW Cessna 421C M.M. Chapter 7-80, Operational Check Satisfactory. certify that the maintenance described above was accomplished in accordance with the Manufacturer's Maintenance Program, requirements of 14 CFR 43 with respect to the work performed is airworthy and approved for return to service. Val Sutherland 3641617 A&P Val Stable 3641617 A&P	7.) Removed and Replaced Right Engine Tachometer Generator, Removed (P/N, FM8000, S/N, AT-13387), Replaced With (P/N)	
ORLANDO AIRCRAFT SERVICES 601 HUMPHRIES AVE. ORLANDO EXECUTIVE AIRPORT ORLANDO, FL LOG ID# 11758 28-July-2021 WO# 120479-0 AC TT 7355.5 HOBBS 772.2 R/H ENGINE: GTSIO-520-H S/N: 234805-R SMOH: 1337.0 ANNUAL INSPECTION/LUBRICATION PERFORMED ON ENGINE IAW SECTION 2-1 OF CESSNA 421B SERVICE MANUAL. COMPRESSIONS: 1) 70 2) 70 3 77 4) 73 5) 69 6) 72/80psi. OIL DRAINEO, FILTER REMOVED AND CUT OPEN. FILTER. SPARK PLUGS CLEANED, EMSINE SERVICED WITH 12QTS AEROSHELL W100 PLUS AND NEW CH48111-1 OIL COMPLIED WITH AU 2020-16-11 PART g(2) INSPECTION. AD'S RESEARCHED THROUGH CURRENT ATP PUBLICATIONS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION AND DETERMINED TO BE IN AN AP 3479939 IA KADLEY E. DANIELS Date		N EM8000 S/N AT10624),
N239SE S/N 421B0315 CESSNA 421B R/H ENGINE: GTSIO-520-H S/N: 234805-R SMOH: 1337.0 ANNUAL INSPECTION/LUBRICATION PERFORMED ON ENGINE IAW SECTION 2-1 OF CESSNA 421B SERVICE MANUAL. COMPRESSIONS: 1) 70 2) 70 3) 72 4) 73 5) 69 6) 72/80psi. OIL DRAINED, FILTER REMOVED AND CUT OPEN. NO VISUAL CONTAMINATES NOTED. ENGINE SERVICED WITH 12QTS AEROSHELL W100 PLUS AND NEW CH48111-1 OIL COMPLIED WITH AD 2020-16-11 PART g(2) INSPECTION. AD'S RESEARCHED THROUGH CURRENT ATP PUBLICATIONS. ENGINE RUN-UP AND LEAK TESTS GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS TIME. AP 3479939 IA SKADLEY E. DANIELS Date	ith respect to the work performed is airworthy and approved for return to service.	uirements of 14 CFR 43, a
N239SE S/N 421B0315 CESSNA 421B R/H ENGINE: GTSIO-520-H S/N: 234805-R SMOH: 1337.0 ANNUAL INSPECTION/LUBRICATION PERFORMED ON ENGINE IAW SECTION 2-1 OF CESSNA 421B SERVICE MANUAL. COMPRESSIONS: 1) 70 2) 70 3) 72 4) 73 5) 69 6) 72/80psi. OIL DRAINED, FILTER REMOVED AND CUT OPEN. NO VISUAL CONTAMINATES NOTED. ENGINE SERVICED WITH 12QTS AEROSHELL W100 PLUS AND NEW CH48111-1 OIL COMPLIED WITH AD 2020-16-11 PART g(2) INSPECTION. AD'S RESEARCHED THROUGH CURRENT ATP PUBLICATIONS. ENGINE RUN-UP AND LEAK TESTS GOOD. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION AND DETERMINED TO BE IN AN AIRWORTHY CONDITION AT THIS IJME. Date Date		
ANNUAL INSPECTION/LUBRICATION PERFORMED ON ENGINE IAW SECTION 2-1 OF CESSNA 421B SERVICE MANUAL. COMPRESSIONS: 1) 70 2) 70 3) 72 4) 73 5) 69 6) 72/80psi. OIL DRAINED, FILTER REMOVED AND CUT OPEN. NO VISUAL CONTAMINATES NOTED. ENGINE SERVICED WITH 12QTS AEROSHELL W100 PLUS AND NEW CH48111-1 OIL COMPLIED WITH AD 2020-16-11 PART g(2) INSPECTION. AD'S RESEARCHED THROUGH CURRENT ATP PUBLICATIONS. I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED I.A.W. AN ANNUAL INSPECTION AND DETERMINED TO BE IN AN AP 3479939 IA GRADLEY E. DANIELS Date Date	N239SE S/N 421B0315 CESSNA 421B	
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AP 3479939 IA BADLEY E. DANIELS Date	COMPLIED WITH AD 2020-16-11 PART g(2) INSPECTION. AD'S RESEARCHED THROUGH CURRENT ATP PUBLICATION. ENGINE RUN-UP AND LEAK TESTS GOOD.	s
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TOTALS—Carry forward to next page

