

ENGINE MAINTENANCE RECORDS

Aircraft Registration 1154466 Engine Position Regit

Engine Serial No. 514238-H



ENGINE MAINTENANCE RECORDS

Log No. ___

Aircraft Registration No. <u>54466</u>
Engine Manufacturer
Model 7510-520-NB
Serial No
Date installed on aircraft 8-22-2011
Time Between Overhauls (TBO)/600Hours
. If used on multi-engine aircraft:
☑ Right □ Left

Page	No	
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DATE	TOTAL	TOTAL	TACH OR
	TIME	TIME	RECORDIN
	IN	SINCE	METER
	SERVICE	OVERHAUL	TIME
	8		

DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

TOTALS brought forward from previous page

	Total	Total	Tach or
	Time	Time	Recording
Date	In	Since	Meter
	Service	Overhaul	Time
6-1-11	3869.5	0	



TCM TSIO-520-NB Series VI Right Engine S/N 514238-H

Above referenced engine overhauled to new parts limits per FAR 43.2(a)(1)(2) to conform w/TCM SM X-30574A. Applicable AD's and Service Bulletins C/W at this time. All gears cleaned, polished when required, inspected. magnafluxed, and no cracks found. Finish and dimensional limits within RAM Gear Inspection Specification No. 1818, Rev. K dated 2-08-2010. Above referenced engine modified to TSIO-520-NB 335 HP per STC SE4327SW-D Rev.4. Installed new RAM camshaft P/N 1058-1A, S/N XL10016 per STC SE4327SW-D. Installed lifters p/n 658088 int. p/n 658077 exh. AD 10-11-04 n/a to lifter p/n installed. AD 97-26-17 C/W per installation of overhauled VAR crankshaft P/N 642396 S/N E925 per TCM CSB96-8. C/W ultrasonic inspection per MSB96-10A, due at next overhaul or when crankshaft removed. AD 99-19-01 n/a per crankshaft date of manufacture I/A/W TCM MSB99-3C. AD 2000-23-21 N/A to crankshaft serial number/date of manufacture I/A/W TCM Mandatory Service Bulletin MSB00-5D. Engine assembled with overhauled TCM heavy style crankcase P/N 654128-1, S/N 7B736. Installed new ECI Titan Nickel cylinders. Cylinder hold-down nuts replaced and torqued per Overhaul Manual Supplement. Installed new oil cooler P/N 8000440, S/N 4082126. C/W AD 89-24-01 R1 per installation of starter adapter P/N 642085A4 with current scavenge pump gears. Installed .030 inch undersize starter adapter spring P/N S539800M30 per STC SE09846SC. Installed new RAM/FAA/PMA fuel nozzles P/N 2562-14D. TCM Service Bulletin SB06-1A N/A per installation of RAM fuel nozzles. Installed modified connecting rods P/N 1162 per STC SE4327SW-D as FAA/PMA approved replacement. Engine accessories exchanged for overhauled or new units with exception of the prop governor, vacuum pump, hydraulic pump and tach generator which were not installed per this work order. New Slick pressurized magnetos P/N 6320 installed per STC SE4651SW-D and pressurized. Service Bulletin SB3-08A N/A to magneto serial numbers installed. MSB94-8D on magneto timing procedure C/W per timing to STC degree requirements with TDC locator and protractor with pointer. Engine modified to TSIO-520-NB per Continental Service Bulletin M-75-6 Rev. 1. Installed RAM/FAA/PMA rocker arms P/N 1842-3 and 1842-4. AD 98-01-08 N/A per installation of RAM/FAA/PMA rocker arms. Installed RAM/FAA/PMA oil cooler baffle P/N 1253-1. Installed RAM/FAA/PMA rocker arm covers p/n 2766-1. Installed RAM/FAA/PMA rocker box cover gaskets P/N 1387-1. C/W AD 78-06-01 per installation of intake tube P/N 642590. Category 1 thru 3 TCM Service Bulletin Compliance Listing in RAM Manual. Above referenced engine was made eligible for 1600 hr. TBO per TCM SIL98-9 Rev. A, Note 2. Aluminum alloy engine parts were coated per RAM Specification No. 1142. Installed RAM/FAA/PMA spring loaded induction clamps P/N 1170-2. 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 5649.

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

	SUB-TOTALS this page	
	SOB-TOTALS this page	
1. 1	TOTALS—Carry forward to next page	

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	
				Exec Air Montana Inc. 2430 Airport RD Helena, MT (406)442-2190 09/29/11 FHM:9490.9 Changed Oil and Filter. Added 11 quarts of Phillips 20w50. Washed engine and cowl. Ran engine and leak checked. Checked good. Complied with AD#2000-01-16 Exhaust system inspection part (b) by visual inspection in accordance with AD note. APPROVED FOR RETURN TO SERVICE By INSPECTOR CRS# EFUR-514D WO# 11-12981	
		,			
				Exec Air Montana Inc. 2430 Airport RD Helena, MT.(406)442-2190 12/20/11 FHM:9536.4 Changed Oil and Filter. Added 11 quarts of Phillips 20w50. Washed engine and cowl. Ran engine and leak checked. Checked good. Complied with AD#2000-01-16 Exhaust system inspection part (b) by visual inspection in accordance with AD note.	
				APPROVED FOR RETURN TO SERVICE By, INSPECTOR CRS# EFUR-514D WO# 11-13041	
		7 to 8			
				Exec Air Montana Inc. 2430 Airport RD Helena, MT (406)442-2190 03/27/12 FHM:9593.3 Changed Oil and Filter. Added 11 quarts of Phillips 20w50. Washed engine and cowl. Ran engine and leak checked. Checked good. Complied with AD#2000-01-16 Exhaust system inspection part (b) by visual	
				APPROVED FOR RETURN TO SERVICE By	

TOTALS brought forward from previous page Exec Air Montana Inc. 2430 Apport RD Helena, MT (406)442-2190 10/03/12 FHM:9689.7 Changed Oil and Filler. Added 11 quarts of Phillips 20w50. W and cowl. Ran engine and leak checked. Checked good. Compiled with AD#2000-01-16 Exhaust system inspection pa inspection in accordance with AD note. Checked Good. APPROVER EAR RETURN TO SERVICE By INSPECTOR CRS# EFUR-514D WO# 12-13261 02/27/2013 N5446G C-340A S/N 3400685 Hobbs 9719.4 SMOH 253.0 This engine was inspected with an 100 hour/Annual inspection per FAR's and applicable m researched thru T-Data 2013-02. Complied with AD 00-01-16 (b) no defects found, due ex Changed engine oil and filter, cut open old filter no excess metal or contamination found. Phillips 20W-50 X/C. Performed compression check all better than 70/80. Checked mag t timing. Cleaned, gapped and rotated spark plugs. Inspected engine controls, exhaust, int accessories, cowling and overall engine conditions. Ran aircraft operational and leak chec certify that this engine has been inspected in accordance with a 100 Hour/Annual inspect determined to be in a airworthy condition at this time. EDWARDS Land Attl EDWARDS Certificated Repair Station HSRR811E Date: 10/01/2013; Aircraft: N5446G; Type: CESSNA 340; S/N: 340A0685; Hobbs: 9746.00; Total Time: 9746.00	nanuals. AD's
2330 Airport RD Helena, MT (406)442-2190 10/03/12 FHM:9689.7 Changed Oil and Filter. Added 11 quarts of Phillips 20w50. W and cowl. Ran engine and leak checked. Checked good. Complied with AD#2000-01-16 Exhaust system inspection pa inspection in accordance with AD note. Checked Good. APPROVEE FOR RETURN TO SERVICE By INSPECTOR CRS# EFUR-514D WO# 12-13261 02/27/2013 N5446G C-340A S/N 3400685 Hobbs 9719.4 SMOH 253.0 This engine was inspected with an 100 hour/Annual inspection per FAR's and applicable m researched thru T-Data 2013-02. Complied with AD 00-01-16 (b) no defects found, due ex- Changed engine oil and filter, cut open old filter no excess metal or contamination found. Phillips 20W-50 X/C. Performed compression check all better than 70/80. Checked mag to timing. Cleaned, gapped and rotated spark plugs. Inspected engine controls, exhaust, into accessories, cowling and overall engine conditions. Ran aircraft operational and leak checked certify that this engine has been inspected in accordance with a 100 Hour/Annual inspected determined to be in a airworthy condition at this time. Substitute 1. Su	nanuals. AD's
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1691 Aviation Place Billings, MT 59105 Certificated Repair Station HSRR811E	ks normal. I ion and was
1691 Aviation Place Billings, MT 59105 Certificated Repair Station HSRR811E	
Date: 10/01/2013: Aircraft: N5446G: Type: CESSNA 340: S/N: 340A0685: Hobbs: 9746.00: Total Time: 9746.00	
Engine 2: TCM TSIO-520-NB, S/N: 514238-H, TSN: 4149.1, TSO: 279.6 RH ENGINE LOG	
Complied with AD2000-01-16 Paragraph (b) by visually inspecting the exhaust system. No defects noted.	
Complied with AD2000-01-16 Paragraph (e) - by pressure testing and visually inspecting the exhaust system. N noted.	o defects
Pertinent details of work accomplished on this aircraft are on file at this agency under Work Order 17084.	
The maintenance identified above has been inspected and the aircraft is approved for Return To Service.	
For Edwards Jet Center: Signed: Mall Buch	
organica.	
SUB-TOTALS this page	



Billings, MT 59105 1691 Aviation Place Certificated Repair Station HSRR811E

Date: 10/21/2013; Aircraft: N5446G; Type: CESSNA 340; S/N: 340A0685; Hobbs: 9746.00; Total Time: 9746.00 Engine 2: TCM TSIO-520-NB, S/N: 514238-H, TSN: 4149.1, TSO: 279.6

RH ENGINE LOG

- 1. Completed 100 Hour Inspection of Engine per EJC Engine/Propeller Inspection Guide, Form 1015, Rev. 6. Differential Compression Test results: 1:70 2:72 3:76 4:75 5:74 6:73/80 PSI.
- 2. Timed magnetos to engine.
- 3. Removed fuel injectors from engine. Cleaned fuel injectors. Installed fuel injectors with new O-rings, spacers, and gaskets. Performed leak check. Leak check good.
- 4. Oil filter removed, cut open, and inspected. No metal found. Installed new oil filter on engine.

Pertinent details of work accomplished on this aircraft are on file at this agency under Work Order 17097.

I certify that this ENGINE has been inspected in accordance with an ANNUAL INSPECTION and was determined to be in airworthy condition.

For Edwards Jet Center:

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SUB-TOTALS this page

DATE	TOTAL TIME	TOTAL TIME	TACH OR RECORDING	DESCRIPTION OF	WORK PERFORMED—
DATE	IN SERVICE	SINCE OVERHAUL	METER TIME	SIGNATURE & CERTIFICATE N	O. OF PERSON PERFORMING WORK
				TOTALS brought forward from previo	ous page
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	N5	446G RH ENG	INE HOBBS:	NTENANCE, INC. 9787.7 DATE: 1/10/2014	
	INS	STALLED REIF	F PREHEAT SY STRUCTIONS	STEM ON RH MOTOR I/A/W REIFF	
	DR	AINED OIL, R	EMOVED, CUT	AND INSPECTED OIL FILTER. NO IS TIME. SERVICED WITH 11 QTS	
	201	W50		UAL INSPECTION OF RH EXHAUST	
	SY	STEM I/A/W A	D. NOT DISCR	EPANCIES NOTED AT THIS TIME. ER SEPARATES AS NEEDED	
	INS	STALLED VEN	T HOLES ON R	H BREATHER OVER BOARD FITTINGS	
	AS NEEDED TO PREVENT BREATHER ICE WASHED ENGINES AS NEEDED				
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	TR	ENT TEETS	A&P28867	740	
	144				
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ge No					
DA1 F/	ARG	NC 3801 20 th	St. North, Fargo, North Dakota 5810	02 II S A Phone 701-235-3600	DRK
Date MA	e: 28 MARCI KE: CONTII	H 2014 NENTAL MO s addressed at thi	RIGHT ENGINE LOGBOOK DEL: TSIO-520- HOBBS: 9821.9 is time	N NUMBER: N5446G	
MAII	11 Qua 2) Oil san	arts Phillips X/C 2 nple collected and LEASE: I certify that the	20WS0. Inspected old filter for metal contamina if sent for analysis. END— be aircraft, airframe, aircraft engine, propeller or appliance identification.	ntified shave was renaired and inspected in accordance with	
curre	nt rules of the Fede	Work Order No. 018	ns and was found airworthy and is approved for return to service 139. Date: 28 MARCH 2014. For FAA CENTIFIED REPAIR STATION NO. CTU	ce for the work performed. Pertinent details of the repair are on Mike DeVries	
5/13/		N5446G	Cessna 340A (SN: 340A0685)	Engine 2 Logbook	
Perfo	os Hours: 985 ormed oil and is of Phillips 2	filter change in	accordance with the manufacturers mainted CH48108-1 oil filter. Performed engine ru	enance manual. Installed 12 in up and checked for leaks.	
The a	above work w inistration and	as completed in disapproved for	n accordance with current regulations of the return to service for the work accomplished Signed	e Federal Aviation	
				tzer A&P 3553176	
Date: 08 AU MAKE: CO Maintenance 1) C 11 2) O AD Notes and	IGUST 2014 NTINENT AI Litems address hanged oil on I Quarts Philli lil sample colle d Service Bull	MODEL: TS Med at this time the RH engine as ps X/C 20W50. I ceted and sent for etins Complied w		new CH48108-1, serviced engine with ne noted at this time.	
MAINTENANC current rules of th	CE RELEASE: 1 co the Federal Aviation y under Work Ord	ertify that the aircraft, a	~ END ~ irframe, aircraft engine, propeller or appliance identified above found airworthy and is approved for rourn to service for the wood 8 AUGUST 2014	e was repaired and inspected in accordance with	
			For FAX CERTIFIED REPAIR STATION NO. CTUR	016D	
		A	IC MAINTENANCE, INC.	*	
			HOBBS: 9940.1 DATE: 12/16/2014 8 80 PSI AS FOLLOWS: #1 = 74; #2 = 74; #	#3 = 78:	
	#4 = 72; R&R SF C/W AD DUE TA	#5 = 74; #6 = 7: PARK PLUGS W	5. / NEW RHB32E EPLACEMENT OF AIR FILTER PN P128150		
		ED ENGINES AS	300 CO		
	I CERT	NSPECTION AN	ENGINE WAS INSPECTED I/A/W A 100 HO D WAS DETERMINED TO BE IN AIRWOR	OUR THY ——————	
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TRENT TEETS

A&P2886740

SERVICE	SINCE OVERHAUL	METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	<
Date: 21 OCTOI MAKE: CONTI Maintenance item 1) Draine CH481 2) Oil san AD Notes and Ser 1) C/W A MAINTENANCE REI rules of the Federal Avi	BER 2014 NENTAL M s addressed at 100 and added and added a 100	RIGHT ODEL: TSIO-520 this time I and removed filte I 11 qts of XC20W and sent for analysi Complied with at th Amendment 39-11 at the aircraft, airframe, a d was found airworthy ar bate: 21 OCTOBER 201 re of authorized Person	is time: 514 par (b) visual inspection of R/H exhaust IAW AD no defects noted.	
			THE CENTER STATES AND THE CONTROL OF CONTROL	
Date: 31 MAR MAKE: CONT Maintenance ite 1) Drai CH4 2) Oil s AD Notes and S 1) C/W MAINTENANCE IT	CH 2015 TINENTAL ems addressed of ned RH engine 18108-1 and addressed of complete collected for including the coll	RIGHT MODEL: TSIO-5 at this time oil and removed fi ded 11 qts of XC20 d and sent for analy s Complied with at 6 Amendment 39-	this time: 11514 par (b) visual inspection of R/H exhaust IAW AD no defects noted. END ~ END ~ aircraft engine, propeller by appliance identified above was repaired and inspected in accordance with current y and is approved for return to service for the work performed. Pertinent details of the repair are on file at this 15.	
Date: 19 JUN MAKE: CON Maintenance 1) Do CI 2) Oi AD Notes and 1) C/ du MAINTENANC	RINC 3802 2 RINC	MODEL. TSIO dat this time he oil and removed dded 11 qts of XC led and sent for SO ins Complied with o -16 Amendment 39,048.0 or 19 JULY	2015 whichever occurs later. ~ END ~ me, airculat engine, propeller or appliance identified above was repaired and inspected in accordance with current thy and a approved for return to service for the work performed. Pertinent details of the repair are of tile at this 5.	

ATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
	Date: 12 AUGU MAKE: CONT Maintenance ite 1) Drain CH4 2) Oil s AD Notes and S 1) C/W due (JNC 3802 201 JST 2015 INENTAL Mans addressed at led RH engine of 8108-1 and adde ample collected ervice Bulletins AD 2000-01-10 Hobbs: 73.9 of ELEASE: I certify the visition Regulations and the surface of the sur	AODEL: TSIO-5 this time oil and removed fi ed 11 qts of XC20 and sent for SOA Complied with at 6 Amendment 39- or 12 AUGUST 20	this time: 11514 par (b) visual inspection of R/H exhaust IAW AD no defects noted. Next 11515 whichever occurs later. END a airciaft engine, propeller or appliance identified above was renaired and inspected in accordance with current y and a approved for return to service for the work performed. Pertinent details of the repair are on file at this	
_		Signat	ure of authorized Person	FOR PLACE TIPLED REPAIR STATION NO. CTURO16D	
	Date: 30 OCT MAKE: CON Maintenance it 1) Drai CHe 2) Oil AD Notes and S 1) C/V due MAINTENANCE rules of the Federal	OBER 2015 FINENTAL ems addressed a ned RH engine 18108-1 and add sample collected Service Bulletins V AD 2000-01-1 (@ Hobbs: 97.7 RELEASE: I certify Aviation Regulations Order No. 020349	MODEL: TSIO- to this time oil and removed f led 11 qts of XC2 I and sent for SOA is Complied with a 16 Amendment 39 or 30 NOV 2015	this time: -11514 par (b) visual inspection of R/H exhaust IAW AD no defects noted. Next whichever occurs later	
		COMPRE #4 = 72; # REPLAC C/W 2000	ESSIONS OVER 8 45 = 72; #6 = 72. ED #6 FUEL LIN	C MAINTENANCE, INC. HOBBS: 10051.3 TSOH: 584.9 DATE: 2/1/2016 80 PSI AS FOLLOWS: #1 = 77; #2 = 74; #3 = 78; IE W/ NEW 636037-1 RAPH (b), (c), (e) BY INSPECTION. NO	

TRENT TEETS

A&P2886740

		SCRIPTION OF WORK PE CERTIFICATE NO. OF PERS		
AIC MAINTE N5446G RH ENGINE HOBBS: 100	ENANCE, INC. 51.3 TSOH: 584.9 DATE: 2/1/2016	ard from previous page		
DRAINED OIL, REMOVED, CUT ANI DISCREPANCIES NOTED. INSTALL SERVICED W/ 12 QTS 20W50.	O INSPECTED OIL FILTER. NO ED NEW CH48108-1 FILTER AND			
I CERTIFY THAT THIS ENGINE WAS TYPE INSPECTION AND WAS DETE CONDITION.	S INSPECTED I/A/W A 100 HOUR RMINED TO BE IN AIRWORTHY		a	
TRENT TEETS A&P2886740				
TRENT TEETS A&P2886740				
			1	
		3 -11-11-11-11-11-11-11-11-11-11-11-11-11		
	514238-H, Hobbs: 10101.1 TSOH 634.	-		
N544G RH Engine SN:				
	Date 10/15/2017			
Compressions over 80 PSI as follows #1	Date 10/15/2017 = 76; #2 = 74; #3 = 76; #4 = 76; #5 = 74	; #6 = 72.		
Compressions over 80 PSI as follows #1 = C/W AD 2000-01-16 (b)(c) (e), Engine E	Date $10/15/2017$ = 76; #2 = 74; #3 = 76; #4 = 76; #5 = 74 xhaust System, no defects noted. Next In	; #6 = 72spection due per		
Compressions over 80 PSI as follows #1 = C/W AD 2000-01-16 (b)(c) (e), Engine E par (b) at ACTT 10151.1 or 11/14/2017.	Date 10/15/2017 = 76; #2 = 74; #3 = 76; #4 = 76; #5 = 74 xhaust System, no defects noted. Next In Per par (c) (e) inspection due 10/15/2018	; #6 = 72spection due per		
Compressions over 80 PSI as follows #1 = C/W AD 2000-01-16 (b)(c) (e), Engine E par (b) at ACTT 10151.1 or 11/14/2017. I	Date 10/15/2017 = 76; #2 = 74; #3 = 76; #4 = 76; #5 = 74 xhaust System, no defects noted. Next In Per par (c) (e) inspection due 10/15/2018	; #6 = 72spection due per		
Compressions over 80 PSI as follows #1 = C/W AD 2000-01-16 (b)(c) (e), Engine E par (b) at ACTT 10151.1 or 11/14/2017. I	Date 10/15/2017 = 76; #2 = 74; #3 = 76; #4 = 76; #5 = 74 xhaust System, no defects noted. Next In Per par (c) (e) inspection due 10/15/2018	; #6 = 72spection due per		
Compressions over 80 PSI as follows #1 = C/W AD 2000-01-16 (b)(c) (e), Engine E par (b) at ACTT 10151.1 or 11/14/2017. I	Date 10/15/2017 = 76; #2 = 74; #3 = 76; #4 = 76; #5 = 74 xhaust System, no defects noted. Next In Per par (c) (e) inspection due 10/15/2018	; #6 = 72spection due per		
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Compressions over 80 PSI as follows #1: C/W AD 2000-01-16 (b)(c) (e), Engine E par (b) at ACTT 10151.1 or 11/14/2017. If certify that this engine has been inspected determined to be in airworthy condition. William L. Julian	Date 10/15/2017 = 76; #2 = 74; #3 = 76; #4 = 76; #5 = 74 xhaust System, no defects noted. Next In Per par (c) (e) inspection due 10/15/2018	; #6 = 72spection due per		
Compressions over 80 PSI as follows #1: C/W AD 2000-01-16 (b)(c) (e), Engine E par (b) at ACTT 10151.1 or 11/14/2017.1 I certify that this engine has been inspected determined to be in airworthy condition. William L. Julian 513845237IA	Date 10/15/2017 = 76; #2 = 74; #3 = 76; #4 = 76; #5 = 74 Exhaust System, no defects noted. Next In Per par (c) (e) inspection due 10/15/2018 End in accordance with an Annual Inspection due 10/15/2018 End SN: 514238-H, Hobbs: 10133.17	spection due peron and was		
Compressions over 80 PSI as follows #1: C/W AD 2000-01-16 (b)(c) (e), Engine E par (b) at ACTT 10151.1 or 11/14/2017.1 I certify that this engine has been inspected determined to be in airworthy condition. William L. Julian 513845237IA	Date 10/15/2017 = 76; #2 = 74; #3 = 76; #4 = 76; #5 = 74 xhaust System, no defects noted. Next In Per par (c) (e) inspection due 10/15/2018 ed in accordance with an Annual Inspecti	spection due peron and was		
Compressions over 80 PSI as follows #1: C/W AD 2000-01-16 (b)(c) (e), Engine E par (b) at ACTT 10151.1 or 11/14/2017.1 I certify that this engine has been inspected determined to be in airworthy condition. William L. Julian 513845237IA N5446G RH Engin	Date 10/15/2017 = 76; #2 = 74; #3 = 76; #4 = 76; #5 = 74 Exhaust System, no defects noted. Next In Per par (c) (e) inspection due 10/15/2018 Ed in accordance with an Annual Inspection of the SN: 514238-H, Hobbs: 10133.17 11/01/2018 essna Service Manual checklist.	spection due per on and was		
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age No				
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
2-6-201	8 Abox	bs 10157.	/	Performed Compression Check 1-66 2-60 3-74
				4-63 5-70 6-72 Repaired prop delice Wire
				Removed Mays Sent to Accoratt Accessories
			1.	For Soo he impection Left-5/N 11030131 Rt-S/N
				11030632 Ser WO. 31534 WO 31533
				Reinstalled Mags Bon Leak Checked
		8		Ox For Service
				Thomas M Shuard 3683097AD
2.4.	7019			Complied with AD 2000-01-16 Sention of by
Llobbs 1015	1	7.1		implied with AD 2000-01-16 Section of by
			All OK For Service due 500 hrs. Section F.	
				By replacing segmented Bond Clamps due
				500 hrs or 10657.1
				Thomas M Thursda 3683097 WD
				\
				5
Service of the least of the lea				
_	bs: 151.2	Н		Cessna: 340A Reg. No: N5446G Ser. No: 340A0685 ionics, Inc. N 37701. Tel: (865) 930-7858 Fax: (865) 980-7701
				E LOG ENTRY
Repla good.		oil pressure re	lief valve plung	er and set oil pressure. Ground run and leak check
The E Aviati Pertir	Engine Identified on Regulations	And Is Appro	ved For Return	p IAW Current Maintenance Rules Of The Federal To Service with respect to the work performed. ork Order No. M4930. Date: 12/28/2018
	4 - 4 - 4			
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

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Page No. _____

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

TRIAD AVIATION, Inc. certifies that this engine has been disassembled, inspected, and overhauled to manufacturer's overhaul manual new limits. Engine tested in accordance with recommended procedures and is approved for return to service. All applicable A.D. Notes are complied with at the time of overhaul. Pertinent details of this work are on file at this repair station under work order # 26916

DATE 01/31/2022

MAKE CONTINENTAL

MODEL TSIO-520-NB

S/N 514238-H

ENGINE TOTAL TIME

TSMOH 0.0

TBO 1600



Triad Aviation, Inc.
Burlington Municipal Airport
3439 South Aviation Drive
Burlington, NC 27215
336-227-1467

Authorized Signature

01/31/2022

Date

Test Ran Continental TSIO-520-NB Engine Serial Number 514238-H for 2 hours, RPM 2700, oil pressure 50 lbs., oil temperature 210 degrees, CHT 365. Magneto check at 2100 RPM, L 120 RPM, R 120 RPM. Compression test cylinder #1 79/80 #2 78/80 #3 79/80 #4 79/80 #5 79/80 #6 79/80. This engine and/or component is approved for return to service. All pertinent details on file at this repair station: TRIAD AVIATION, INC. FAA REPAIR STATION # PP4R448M. WO# 26916 Signed: Date: 01/31/2022

3-18-2022	Reinstalled Engire After overhow Using Cessons Service
hobbs 769.9	Monual of quite Installed All New hoses Ron
	Leak Checked OK For Service
	Thomas M Elevand AP3(83197
3-18-2022	Installed New Fluid hours 1245012E0240C-
110bb 7699	124-TOO3-6CR - 124-TOO3-4CR - 124-JOO1-4CR - 20f-
	124 I 003-4CR - 193-8 From Dero Avidion Co
	Sples Order H44625
	Thomas M Elunch 3683097 DD /
	SUB-TOTALS this 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
9-9-22	10846			Completed with AD 2000-1-16 Sections BCE
				Section B Jul Soha Clue 12 months
				Edue 12 months
			,	Thomas M Ederarde 3683097 AP
				Section D due 1/199
				Section F Lue 1/199
		9		
9-9-2	35		10846	Replaced Wastingste PW 470908-9012
				J/N XCOODZ99 overhavled By RAM
				Beplaced Turbo Controller P/N 470836-18Rpm
				S/w UPR-0101 overhouled by RAM
				Replace & Leise Brosh Module PIN RAZIIV
				Deice Brush Assembly PIN RAB 40012
				From Rop Co Ron Lepk Checked
				OK For Service
				Thomas M Shuard 3683097 Ap
11-1-2	022			Bemored Cowl performed Compression Check
Hobb	5	10875		1-76/40 2.76/40 3-79/80 4.75/50 5.73/50 6.76/50
				Checked timing Cleaned and gapped plags
				Clenned injectors Changed Dir Filter
				Changed O.1 Serviced W: 44 10 Qts Beroshell Sow
				And Ch48108 F. Her CW AD 2000-1-16
				Section B due 50 413 I Certify this
				Engine has been inspected in Accordance
				with Annual inspection and determined to be in
				A: rworthy Condition Thomas M Educard 3683097.
-				SUB-TOTALS this page
				TOTALS—Carry forward to next page

	TOTAL	TOTAL	TACH OR	
DATE	TIME IN SERVICE	TIME SINCE OVERHAUL	RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
Ri R	6-499-3114 ATE: 10/7/2 ght Engine	MFG: Conti	nental Mode	Middlesboro/Bell Airport 1A6 Middlesboro, KY 40965 GG CESSNA 340A SER# 340A0685 HOBBS: 0712.2 TTIS: 10712.2 El: TSIO-520BcNcNB serial #145251-B 0-11 S/N B00HA847R. Installed RAM overhauled TCM Fuel Pump fuel pressure. Repaired right Oil Cooler Scoop. Changed Oil with provided oil filter.
_ 1	1qts Aerosh	ell w 100 a	nd customer	provided oil filter.
— — ,	Mitch Edwai	rds //	oma-	M Thrond 36983097 IA
		/		
j1-1-2	665 108	75	Removed	HZ Cylinder After boresope Found Exherit NO BEPlaced Superior Cyl P/N SASZOOG-AZZ
			5/N 52	4000016273 Ben Lank Check OK For Thomas M Guerard 3683097 AP
R/E: Co Installe Aircraft identifie approve 14-Dec SIGNE Inspect	ontinental TSIC d gauges on R Fuel Systems ed above was r ed for return to -2022. D: Or FAA CR: viation, Inc. 34	0-520-NcNB, s //H engine and Adjustments. epaired and in service. Pertir	Type: 340A, S i/n: 514238-H set fuel pressu Removed gaug ispected in acconent details of the	/N: 340A0685 Hobbs: 905.1 res per Continental Aerospace Technologies Manual - 0, Chapter 6-4, and RAM es and leak checked. The aircraft, airframe, aircraft engine, propeller or appliance ordance with current regulations of the Federal Aviation Administration and is the repair are on file at this repair station under Shop Order No: 27790, Dated:
2-10-	2073	Hobbs	10930	Changed Oil Serviced with 10 Ots Aeroshell 80w
				Thomas M Thursday 3683097AP

SUB-TOTALS this page