

## ENGINE MAINTENANCE RECORDS

<u>XN6</u>815T

Aircraft Registration \_
Engine Position \_
Engine Serial No. \_



# ENGINE MAINTENANCE RECORDS

Log No. \_

Aircraft Registration No. 144 N68157
Engine Manufacturer
Model
Serial No800543
Date installed on aircraft
Time Between Overhauls (TBO)Hours
If used on multi-engine aircraft:
□ Right ☐ Left

	Total	Total	Tach or
5	Time	Time	Recording
Date	Ìń	Since	Meter
	Service	Overhaul	Time
8/25/08	1968.8	0.0	852.6



RAM Aircraft, Limited Partnership • Waco Regional Airport

#### TCM TSIOL-550-A Series V Left Engine S/N 800543

Above referenced engine overhauled to new parts limits per FAR 43.2(a)(1)(2) to conform w/TCM SM X-30600A. 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. J dated 2/19/08. Installed above referenced engine in left position of Cessna S/N 414A0215. Installed new RAM camshaft P/N 1058-1A, S/N D08006 as direct PMA replacement of TCM camshaft. AD 97-26-17 C/W per installation of new VAR crankshaft P/N 652359 S/N N05GA035 per TCM CSB96-8. AD 99-19-01 N/A per crankshaft date of manufacture !/A/W TCM MSB99-3C. AD 2000-23-21 N/A to crankshaft serial number/date of manufacture I/A/W TCM iviandatory Service Bulletin MSB00-5D. Engine assembled with new ECI crankcase P/N AEC653923-26, S/N 2G-687. Installed new TCM nickeled cylinders. Installed Floscan transducer per STC SA7633SW-D. Installed overhauled McCauley propeller model 3AF36C514-C/G-80VMFA-2, S/N 921477. Engine accessories exchanged for overhauled or new units except as noted. Re-used customers vacuum pump S/N 40931, landing gear hydraulic pump S/N 1133 and tach generator S/N RT-11337. Installed factory new RAM turbocharger P/N 2059-1, S/N LFL00122. Installed overhauled prop governor S/N 010027. Installed new RAM/FAA/PMA fuel nozzles P/N 2563-14C. TCM Service Bulletin SB06-1A N/A per installation of RAM fuel nozzles. New slick pressurized magnetos P/N 6320 installed per STC SA7633SW-D. MSB94-8C on magneto timing procedure C/W per timing to data plate TC degree requirements with TDC locator and protractor with pointer. Installed RAM/FAA/PMA rocker arms P/N 1842-3 and -4. AD 2000-01-16 c/w, see airframe log for details. Installed new Aeroquip integral firesleeved fuel, oil, hydraulic and coolant hoses meeting TSO-C53A Type D and TSO-C75 Type III. Installed new oil cooler P/N 652018, S/N L97-2607-35. Category 1 thru 3 TCM Service Bulletin Compliance Listing in RAM Manual. Engine serviced with Phillips multi-grade 20W50 Type M mineral oil. See RAM Recommended Oil Grade Maintenance Tip MT-1 for recommended oils. Above referenced engine eligible for 2000 TBO per TCM SIL98-9. Aluminum alloy engine parts were coated per RAM Specification No. 1142. Propeller balanced per Service Manual with spinner and bulkhead installed. Installed RAM/FAA/PMA spring loaded induction clamps P/N 1170-2. C/W AD 93-16-15 per TCM MSB95-6 installation of fuel pump drive coupling P/N 653359. Engine ground run on test stand per RAM specifications for 4 hours. C/W Slick Service Bulletin SB3-08, Compliance Step 1. All components inspected and found in acceptable limits at this time. Re-inspect magneto every 15-20 hours of operating time until the total magneto operating time exceeds 50 hours. See Service Bulletin instructions for subsequent inspections. Engine collant system serviced with 50/50 mixture of Texaco No. E i X6024/distilled water per RAM Service Manual 1381. Engine pump pressure, idle, mixture, fuel flow, max RPM. manifold pressure, and oil pressure adjusted per RAM Series V Specifications. Engine ground run power test good. All engine systems checked for leaks. Engine approved for return to service for the work performed. Pertinent details on file under Project No. 4239.

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

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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
		170)	, ,	TOTALS brought forward from previous page



Engine TT: 1993.2
Engine SMOH: 24.4
Prop SMOH: 24.4
Hour Meter: 877.0
Date: 10/01/2009

#### TCM TSIOL-550A S/N L-800543

On above referenced engine, removed all cowling for 100 Hour/Annual Inspection. Cleaned and gapped spark plugs. Drained oil, installed new oil filter and refilled engine with Aeroshell 100W 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 mount, 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) 73/80, #2) 75/80, #3) 74/80, #4) 75/80, #5) 75/80, and #6) 76/80. Flushed coolant system and re-serviced per RAM Specs. C/W A.D. 2000-01-16 per paragraph's (b) and (e). (Paragraph (b) next due at 927.0 HM or 10/31/2009 whichever is later.) (See A.D. listing.) A.D.'s researched through bi-weekly 2009-19. For complete A.D. history see listings. Above work done in accordance with TCM and Cessna 414A Service Manuals and Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-up leak checked good and approved for return to service. Pertinent details are on file upder work order #2816.

Air Impressions. Inc CRS# AK6R541N

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AIR	IMPRESSIONS,	INC.
PROFES	SIONNE AIRCRAFT SE	() (c)

	7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N	I certify this <u>Engine</u> inspected in accordance w Inspection and has been de	etermined
		to be in an airworthy condi DATE 10/01/2009 HM ENGINE SMOH ENGINE TT WORK ORDER 1# 2816	
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7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N Engine TT: 2010.4
Engine SMOH: 41.6
Prop SMOH: 41.6
Hour Meter: 894.2
Date: 09/04/2015

#### Continental TSIOL-550A S/N L-800543

On above referenced engine, removed all cowling for 100 Hour/Annual Inspection. Cleaned and gapped spark plugs. Drained oil, installed new oil filter and refilled engine with Aeroshell 100W 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 mount, 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) 74/80, #2) 75/80, #3) 76/80, #4) 78/80, #5) 78/80, and #6) 76/80. C/W A.D. 2000-01-16 per paragraph's (b), (c) and (e). (Paragraph (b) next due at 944.2.) All A.D.'s researched through bi-weekly 2015-16. (See A.D. listing for all current and future compliance times.) Above work done in accordance with Continental and Cessna 414A Service Manuals and Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-up leak checked good and approved for return to service. Pertigent details are on file under work order #4118.

20164 6	tilla
Air Impressions. Inc	
CRS# AK6R541N	

AIR IMPRESSION PROFESSION AFRICA 19	NS, INC.	
Waco, Te	rl May Dr. Exas 76708 AK6R541N	I certify this Engine has been inspected in accordance with a 100 HR. Inspection and has been determined to be in an airworthy condition.  DATE 09/04/2015 HM 894.2  ENGINE SMOH 41.6  ENGINE TT 2010.4  WORK ORDER # 4118  SIGNED AIR IMPRESSIONS, INC  REPAIR STATION # AK6R541N
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Arp Darb	essions Inc.				Engine TT: Engine SMOH:	2020.2 51.4
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					TIOD DIVIOIT	
792	29 Karl May D	Or.			Hour Meter:	904.0
Wa	29 Karl May D co, Texas 7670 No. AK6R54	08	Continen	tal TSIOL-550A S/N L-800543	Hour Meter:	

I certify this Engine

DATE 11/04/2016 HM

WORK ORDER # 4345

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ENGINE SMOH

**ENGINE TT** 

SIGNED

inspected in accordance with a 100 HR. Inspection and has been determined to be in an airworthy condition.

AIR IMPRESSIONS, INC

**REPAIR STATION # AK6R541N** 

904.0

2020.2

51.4

AIR IMPRESSIONS, INC

7929 Karl May Dr.

Waco, Texas 76708 CRS No. AK6R541N



Engine TT: Engine SMOH: Prop SMOH: 67.0 Hour Meter: 06/09/2017

Date:

#### Continental TSIOL-550-A S/N L-800543

Installed above referenced engine onto left position of 414A-0645 N6815T. Performed 100HR Inspection. Cleaned and gapped spark plugs. Drained oil, installed new oil filter and refilled engine with Aeroshell W100 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 mount, 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) 75/80, #2) 74/80, #3) 74/80, #4) 76/80, #5) 78/80 and #6) 76/80. C/W A.D. 2000-01-16 per paragraphs (b), (c), (d) and (e) inspections. (Paragraph (b) next compliance due in 50 hours or 30 days whichever is later.) A.D. 84-26-04 per replacement of induction air filter will next be due at 2728.7 HM. Installed overhauled fuel pump P/N 646210-11A7LH S/N F167503B. All A.D.'s researched through bi-weekly 2017-11. See A.D. listing in log binder for current and future compliance times. Above work done in accordance with Continental and Cessna Service Manual and Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-up leak checked good and approved for return to service Pertinent details are on file under work order 4487.

	AIR IMPRESSIONS, INC.  7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N  I certify this Engine has been inspected in accordance with a 100 HR Inspection and has been determined to be in an airworthy condition.  DATE 06/09/2017 HM 2495.7 ENGINE TT 2035.8 ENGINE SMOH: 67.0 WORK ORDER #4487 SIGNED  AIR IMPRESSIONS, INC REPAIR STATION # AK6R541N
9/27/15	25-41.0 changed and wer /15t 100 Acro Sull to changed Julin Tempest 48108-2  Cut open old filter No contaminents  Jamed ran engine No lextes
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	Air Impress	SIONS, INC.		
	PROFESSIONE AIRC	Karl May Dr.		Aircraft HM:2557.2
-		Texas 76708 o. AK6R541N		Date: 10/04/2017
	On abou			inental TSIOL-550-A S/N L-800543
	checked	good and is a ork order 4562.	pproved for re	shot light oil leak on inboard forward side. Engine ground run-up leak eturn to service for maintenance performed. Pertinent details are on file
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				Charge oil with 19t Geroshell 100 T Replaced Palter with a 48108-2 Out open old filter, No Containments fruid, Pour Engine No Leaks
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Engine TT: 2201.6
Engine SMOH: 232.8
Prop SMOH: 232.8
Hour Meter: 2661.5
Date: 07/25/2018

#### TCM TSIOL-550-A S/N L-800543

On above referenced engine, removed all cowling for 100HR/Annual Inspection. Cleaned and gapped spark plugs. 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 mount, all baffles, and owling. Inspected prop, spinner and bulkhead. Inspected all fuel, oil, and hydraulic lines and fittings. Ran compression check and readings were: #1) 75/80, #2) 73/80, #3) 73/80, #4) 73/80, #5 75/80 and #6 72/80. C/W A.D. 84-26-02 per new air filter installed, due each 300 hours per RAM. C/W A.D. 2000-01-16 per paragraphs (b), (c), (d) and (e). (Paragraph (b) next due in 50 hours or 30 days whichever is later.) Installed overhauled hydraulic pump. Installed new shaft seal on alternator. All A.D.'s researched through biweekly 2018-14. See A.D. listing in log binder for current and future compliance times. Above work done in accordance with TCM and Cessna Service Manual and Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-up leak checked good and approved for return to service. Pertinent details are on file under work order 4691.

Air Impressions, Inc CRS# AK RE41N

Waco, Texas 76708  CRS No. AK6R541N	I certify this Engine has been inspected in accordance with a 100 HR Inspection and has been determined to be in an airworthy condition.  DATE 07/25/2018 HM 2661.5  ENGINE TT 2201.6  ENGINE SMOH: /232.8  WORK ORDER #4691	~ .
	SIGNEDAIR IMPRESSIONS, INC REPAIR STATION # AK6R541N	

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	serviceable conditi				energia.						
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14	Other Regulation Specified in Block 12										
-		described in	block12	was accome	olished in	accordance	e with	rk identified in b Title 14, Code of e approved for r	Federal	y an allies	•
Making a	Regulations, part 43 and in respect to that work, the items are approved for return to service.  14b Authorized Signature  John W Phillips  14c. Approval/Certificate No.  YV4R688M										
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Engine TT: 2330.1
Engine SMOH: 361.3
Prop SMOH: 361.3
Hour Meter: 2790.0
Date: 07/24/2019

#### TCM TSIOL-550-A S/N L-800543

On above referenced engine, removed all cowling for 100HR/Annual Inspection. Cleaned and gapped spark plugs. Installed new oil filter and inspected old element for contamination. 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 mount, 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) 72/80, #2) 72/80, #3) 70/80, #4) 74/80, #5 75/80 and #6 72/80. Installed overhauled vacuum pump P/N AA442CW-OH. (8130-3.) C/W A.D. 2000-01-16 per paragraphs (b), (c), (d) and (e). (Paragraph (b) next due in 50 hours or 30 days whichever is later.) Installed new alternator gasket. Installed all new rocker cover gaskets. Installed new oil dipstick cap gasket. Installed new garloc seal for vacuum pump pad. All A.D.'s researched through biweekly 2019-15. See A.D. listing in log binder for current and future compliance times. Above work done in accordance with TCM and Cessna Service Manual and Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-up leak checked good and approved for return to service Pertinent details are on file under work order 4882.

Air Impr CRS# Al	essions find. K6125441	A	THE IMPRESSIONS, INC.  7929 Karl May Dr.  Waco, Texas 76708  CRS No. AK6R541N	I certify this <u>Engine</u> has been inspected in accordance with a 100 HR Inspection and has been determined to be in an airworthy condition.  DATE <u>07/24/2019</u> HM <u>2796.0</u> ENGINE TT <u>2330.1</u>	
				ENGINE IT 2330.1 ENGINE SMOH: 361.3 WORK ORDER #4882 SIGNED AIR IMPRESSIONS, INC. REPAIR STATION # AK6R541N	-
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return to service.

Central Flying Service, Inc.

1501 Bond Street, Little Rock, AR 72202

Signed

Engine TT: 2400.2
Engine SMOH: 431.4
Pro, SMOH: 431.4
Hour Meter: 2860.1
Date: 07/27/2020

CRS No. HBKR587E

FAX (501) 374-2150

#### TCM TSIOL-550-A S/N L-800543

On above referenced engine, removed all cowling for 100HR/Annual Inspection. Cleaned and gapped spark plugs. Drained oil, installed new oil filter and refilled engine with Aeroshell W100 Plus 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 mount, 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) 68/80, #2) 70/80, #3) 68/80, #4) 72/80, #5 73/80 and #6 68/80. Repaired riser heat shield at #6 cylinder. Installed new gasket at #2 rocker cover. C/W A.D. 2000-01-16 per paragraphs (b), (c), (d), (e) and (g). (Paragraph (b) next due in 50 hours or 30 days whichever is later.) (See airframe log for details.) All A.D.'s researched through bi-weekly 2020-14. See A.D. listing in log binder for current and future compliance times. Above work done in accordance with TCM and Cessna Service Manual and Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-up leak checked and approved for return to service. Pertinent details are on file under work order 5072.

		ENGINE SMOH: WORK ORDER #5072 SIGNED AIR IMPRESS REPAIR STA	MIM
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SUB-TOTALS this page

THOMAS PAPKA

TOTALS-Carry forward to next page

Phone: (501) 375-3245, (800) 888-5387



Engine TT: **Engine SMOH:** Prop SMOH: Hour Meter: 2900.6 Date:

08/09/2021

#### TCM TSIOL-550-A S/N L-800543

On above referenced engine, removed all cowling for 100HR/Annual Inspection. Cleaned and gapped spark plugs. Drained oil, installed new oil filter and refilled engine with Aeroshell W100 Plus 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 mount, 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) 75/80, #2) 70/80, #3) 60/80, #4) 75/80, #5 75/80 and #6 75/80. Adjusted take-off fuel flow to RAM specs. C/W 84-26-02 per installing new induction air filter, due each 300 hours per RAM. C/W A.D. 2000-01-16 per paragraphs (b), (c), (d), (e) inspections. Installed new exhaust overboard pipe P/N A9910299-1 S/N 211921. (See 8130-3.) (Paragraph (b) next due in 50 hours or 30 days whichever is later.) Installed new #2cylinder rocker cover gasket. Adjusted both magnetos timing to engine. All A.D.'s researched through bi-weekly 2021-15. See A.D. listing in log binder for current and future compliance times. Above work done in accordance with TCM and Cessna Service Manual and Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-up leak checked good and approved for return to service. Pertinent defails are on the under work order 5251.

Air Impressions, Inc. CRS#AK6R541N

	792 Wac	SSIONS, INC.  9 Karl May Dr.  10, Texas 76708  No. AK6R541N	I certify this Engine has been inspected in accordance with a 100 HR Inspection and has been determined to be in an airworthy condition.  DATE 08/09/2021 HM 2900.6  ENGINE TT 2440.7  ENGINE SMOH: 471.9  WORK ORDER #5251  SIGNED AIR IMPRESSIONS, INC  REPAIR STATION # AK6R541N
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22/04/2023 N6815T left engine TSIOL-550-A Hobbs time 3029-8 Changed engine oil and oil filter this date installed new oil filter part No. AA48108-2 filed cranktase with V100Ptus 10 qts. C/W with AD 2000- 201-16, by mspecton and v clamps and slip joints every 50 hrs or 30 days which ever the latter. No damage found. Wiljiam A. Collins 3:340401  AIR NEPESSIONS Not: Prop SMOH; 6311, 2 (808) Prop SMOH; 6311, 2 (808) Prop SMOH; 6311, 2 (808) Hour Meter: 3059.9 Date: 11/01/2023  On above referenced engine, removed all cowling for 100HR/Annual Inspection. Cleaned and gapped spark plugs. Drained oil, installed new oil filter and refilled engine with Aeroshell W100 Plus oil. Checked magneto timing. Inspected plug harness and engine electrical. Checked all engine controls for movement and attach points. Inspected india and exhaust system, condition and integrity of all engine accessories. Inspected engine mount, 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) 70/86, 92, 70/80, 83/37580, #4) 70/80. #5 75/80 and #6 75/80. Replaced 2-pylinder rocker cover gasket. Replaced alternator gasket. Installed new exhaust slip joint, 87 (oil) properties and clamp for exhaust ethow and heat shields. System set-up to RAM Specs and Continental service manual. All AD: researched through bi-weeky 2023-20. See AD. Listing in log binder for current and future compliance times. Above done in accordance with Continental and Cessons Service Manual and Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run- up leak checked good and appreved for return to service. Pertinent details are on file under work order 5782.  Air Impressions Inc.  AIR Impressions, Inc.  Page Ran May Dr. Waco, Texas 76708 CRS No. AK6RS41N  AIR Impressions, Inc.	DATE	TIME	TIME SINCE	RECORDING METER	SIGNA	
Changed engine oil and oil filter this date installed new uil filter part  No. AA4810-8.2 filed crankses with W100Puts 10 tqs. C/W with AD 2000- 01-16, by inspection and v clamps and slip joints every 50 hrs or 30 days which ever the latter No damage found. William A. Collins 33:81041  Prop SMOH; 631,2 (8:08) Prop SM					TOTALS broug	ht forward from previous page
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which ever the latter, No damage found, Walkarn A. Collins 3254041  AIR INCRESSIONS INC.  Prop SMOH: 6312 (8:08) P	Changed	engine oil and	oil filter this d	ate installed ne	ew oil filter part	
Engine TT: 2600.0  Engine SMOH; 631.2 (808) Prop SMOH; 631.2 (808) Prop SMOH; 631.2 (808) Prop SMOH; 631.2 (808) Prop SMOH; 631.2 (808) Hour Meter: 3059.9 Date; 11/101/2023  On above referenced engine, removed all cowling for 100HR/Annual Inspection. Cleaned and gapped spark plugs. Drained oil, installed new oil filter and refilled engine with Aeroshell W100 Plus 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 mount, 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 70/80, 27 9/89 #3 75/80, 44 70/80. #5 75/80 and #6 75/80. Replaced #2-cylinder rocker cover gasket. Replaced alternator gasket. Installed new exhaust slip joint, PM 1001-3. CIW AD. 2000-01-16 per paragraphs (b); (c); (d), (e) inspections. (Paragraph (b)) excl utel 3109 9 HM). Replaced two support clips and clamp for exhaust clhow and heat shields. System set-up to RAM Spees and Continental service manual. All A.D.'s researched through bi-weekly 2023-20. See A.D. listing in log binder for current and future compliance time. Above work done in accordance with Continental and Cessna Service Manual and Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-up leak checked good and appreved for return to service. Pertinent details are on file under work order 5782.  **Air Impressions.** Inc. 2600.0 **Engine SMOH:** Air Impressions.** Inc. 100 Huar/Annual Checklist. Engine ground run-up leak checked good and appreved for return to service. Pertinent details are on file under work order 5782.  **Air Impressions.** Inc. 2600.0 **Engine SMOH:** Air Impressions.** Inc. 100 Huar/Annual Checklist. Engine ground run-up leak checked good and appreved for return to service. Pertinent details are on file under work order 5782.  **Air Impressions.*						
Engine TT: 2690.0  Engine SMOH: 631.2 (8/08)  7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6RS41N  TCM TSIOL-550-A S/N L-800543  On above referenced engine, removed all cowling for 100HR/Annual Inspection. Cleaned and gapped spark plugs. Drained oil, installed new oil filter and refilled engine with Aeroshell W100 Plus 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 mount, all baffles, and cowling. Inspected prop, spinner and bulkhad. Inspected all fuel, oil, and hydraulic lines and fittings. Ran compression check and readings were: 41) 70/80, 21) 70/80, 23) 75/80, 43) 70/80. #5 75/80 and #6 75/80. Replaced #2-cylinder rocker cover gasket. Replaced alternator gasket. Installed new exhaust slip joint. PNI 1001-3. CW AD. 2000-01-16 per paragraphs (b), (c), (d), (c) inspections. (Paragraph (b) next due 319/97-80, 43) 70/80, 43) 75/80, 43) 70/80. #5 75/80 and #6 75/80. See AD. Isting in log binder for current and future compliance times. Above work done in accordance with Continental and Cessna Service Manual and Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-up leak checked good and appressed for return to service. Pertinent details are on file under work order 5782.  Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-up leak checked good and appressed for return to service. Pertinent details are on file under work order 5782.  Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-up leak checked good and appressed for return to service. Pertinent details are on file under work order 5782.  Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-up leak checked good and appressed for return to service. Pertinent details are on file under work order 5782.  AIR IMPRESSIONS, INC.  AIR IMPRESSIONS, INC.						
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CRS No. AK6R541N  TCM TSIOL-550-A S/N L-800543  On above referenced engine, removed all cowling for 100HR/Annual Inspection. Cleaned and gapped spark plugs. Drained oil, installed new oil filter and refilled engine with Aeroshell W100 Plus 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 mount, 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) 70/80, #2) 70/80, #3) 75/80, #4) 70/80, #5 75/80 and #6 75/80. Replaced #2-cylinder rocker cover gasket. Replaced alternator gasket. Installed new exhaust slip joint, P/N 1001-3. C/W A.D. 2000-01-16 per paragraphs (b), (c), (d), (e) inspections. (Paragraph (b) next due 3109-9 HM.) Replaced two support clips and clamp for exhaust elbow and heat shields. System set-up to RAM Specs and Continental service manual. All A.D.'s researched through bi-weekly 2023-20. See A.D. listing in log binder for current and future compliance times. Above work done in accordance with Continental and Cessna Service Manual and Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground runup leak checked good and appreved for return to service. Pertinent details are on file under work order 5782.  Air Impressions, B.C. CRS# 7K60K541N  Air Impressions, B.C. CRS# 7K60K541N  Lecrtify this Engine has been inspected in accordance with a 100 HR Inspection and has been determined to be in an airworthy condition.  DATE 11/01/2023 HM 3059.9 ENGINE TT 2600.0 ENGINE SMOH:  ENGINE SMOH:  WORK ORDER #5282  AIR IMPRESSIONS, INC.  AIR IMPRESSIONS, INC.	79	929 Karl May	Dr.			
On above referenced engine, removed all cowling for 100HR/Annual Inspection. Cleaned and gapped spark plugs. Drained oil, installed new oil filter and refilled engine with Aeroshell W100 Plus 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 mount, 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) 7080, #2) 70/80, #3) 75/80, #3) 75/80, epilaced #2-cylinder rocker cover gasket. Replaced alternative gasket. Installed new exhaust slip joint, PN 1001-3. C/W A.D. 2000-01-16 per paragraphs (b), (c), (d), (e) inspections. (Paragraph (b) next due 3109.9 HM.) Replaced two support clips and clamp for exhaust elbow and heat shields. System set-up to RAM Specs and Continental service manual. All A.D.'s researched through bi-weekly 2023-20. See A.D. listing in log binder for current and future compliance times. Above work done in accordance with Continental and Cessna Service Manual and Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-up leak checked good and approved for return to service. Pertinent details are on file under work order 5782.  Air Impressions, Inc.  CRS# AK6R541N  Air Impressions, Inc.  CRS No. AK6R541N  CRS No. AK6R541N  L certify this				-		Date: 11/01/2023
installed new oil filter and refilled engine with Aeroshell W100 Plus 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 mount, 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) 70/80, #2) 70/80, #3) 75/80, #4) 70/80, #5 75/80 and #6 75/80. Replaced #2-cylinder rocker cover gasket. Replaced alternator gasket. Installed new exhaust slip joint, P/N 1001-3. C/W A.D. 2000-01-16 per paragraphs (b), (c), (d), (e) inspections. (Paragraph (b) next due 3109.9 PlM.) Replaced two support clips and clamp for exhaust elbow and heat shields. System set-up to RAM Specs and Continental service manual. All A.D.'s researched through bi-weekly 2023-20. See A.D. listing in log binder for current and future compliance times. Above work done in accordance with Continental and Cessna Service Manual and Air Impressions, Inc. 100 Hour/Annual Checklist. Engine ground runup leak checked good and approved for return to service. Pertinent details are on file under work order 5782.  Air Impressions, Inc.	CR	S No. AK6R5	41N	1	CM TSIOL-550	-A S/N L-800543
AIR IMPRESSIONS, INC  7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N  I certify this <u>Engine</u> has been inspected in accordance with a 100 HR Inspection and has been determined to be in an airworthy condition. DATE 11/01/2023 HM 3059.9 ENGINE TT 2600.0 ENGINE SMOH: WORK ORDER #5782 SIGNED  AIR IMPRESSIONS, INC	engir integ all fu #5 7: 1001 suppresea accor up le	ne electrical. Ority of all enginel, oil, and hydrodox of 80 and #6 75-3. C/W A.D. ort clips and clarched through dance with Coak checked goo	Checked all en ne accessories draulic lines a //80. Replaced . 2000-01-16 amp for exhau bi-weekly 202 ontinental and	Inspected engine fittings. Rad #2-cylinder reper paragraphs st elbow and h 23-20. See A.I Cessna Service	for movement and gine mount, all baff in compression che ocker cover gasket is (b), (c), (d), (e) is eat shields. System D. listing in log bir is Manual and Air	attach points. Inspected intake and exhaust system, condition and fles, and cowling. Inspected prop, spinner and bulkhead. Inspected eck and readings were: #1) 70/80, #2) 70/80, #3) 75/80, #4) 70/80, . Replaced alternator gasket. Installed new exhaust slip joint, P/N inspections. (Paragraph (b) next due 3109.9 HM.) Replaced two in set-up to RAM Specs and Continental service manual. All A.D.'s inder for current and future compliance times. Above work done in Impressions, Inc. 100 Hour/Annual Checklist. Engine ground run-
7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N  I certify this Engine has been inspected in accordance with a 100 HR Inspection and has been determined to be in an airworthy condition.  DATE 11/01/2023 HM 3059.9 ENGINE TT 2600.0 ENGINE SMOH: 631.2 (8/08) WORK ORDER #5782 SIGNED AIR IMPRESSIONS, INC						
Waco, Texas 76708 CRS No. AK6R541N  Inspected in accordance with a 100 HR Inspection and has been determined to be in an airworthy condition.  DATE 11/01/2023 HM 3059.9 ENGINE TT 2600.0 ENGINE SMOH: WORK ORDER #5782 SIGNED AIR IMPRESSIONS, INC						
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