Los book # 5



AIRFRAME MAINTENANCE RECORDS

REGISTRATION No.	N6815 T
SERIAL No.	414A0645



AIRFRAME MAINTENANCE RECORDS

Log No. ____

AIRCRAFT REGIS	TRATION No.	N6815T
MANUFACTURER	Cessn	ia
MODEL	4141	,
SERIAL No	414A	0645

PAGE No. DATE DESCRIPTION OF WORK PERFORMED -SIGNATURE & CERTIFICATE NO. OF PERFSON PERFORMING WORK MAINTENANCE RECORD Date: January 17, 2014 Page 1 of 1 Pages Reg. No: N6815T Cessna 414A Aircraft: Serial #: 414A0645 Total Time / Hobbs: ----- / 1,748.5 The below listed items were accomplished in accordance with the Cessna 414A Aircraft Maintenance Manual and other approved or acceptable data as applicable. Work Order 041304328 [002] Adjusted left and right voltage regulators to 28 VDC \pm .25. [003] Removed hydraulic distribution valve from bulkhead, installed 3 new MS28778-6 o-rings, and reinstalled valve. No leaks noted after cycling gear several times. Serviced all struts with hydraulic fluid and nitrogen. [004] [005] Left main gear actuator, p/n 99101326-8 s/n 2088A, was removed and installed to facilitate overhaul by The Aviation Group, Inc., CRS #VGOR728L under their work order 42944. Operation checked good and no leaks were noted after cycling gear several times. I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service. Signed Central Flying Service, Inc. CRS No. HBKR587E **G**REGORY A SCHER 1501 Bond Street, Little Rock, AR 72202 Phone: (501) 375-3245, (800) 888-5387 FAX (501) 374-2150 MAINTENANCE RECORD Page 1 of 1 Pages N6815T Rog. No: Date: January 17, 2014 414A0645 Total Time / Hobbs: ----- / 1,748.5 Cessna 414A Aircraft: Serial #: The below listed items were accomplished in accordance with the Cessna 414A Aircraft Maintenance Manual and other approved or acceptable data as applicable. Work Order 041304328 The aircraft's flight hour meter ran for hours while the aircraft was on jacks for left gear actuator work. The incoming hour meter reading was **[637.5** and the outgoing hour meter reading was 1,748.5. I certify that the above listed items have been completed, and with regard to the above items, that this aircraft has been approved for return to service. Signed Central Flying Service, Inc. JAMES ILER CRS No. HBKR587F 1501 Bond Street, Little Rock, AR 72202 Phone: (501) 375-3245, (800) 888-5387 FAX (501) 374-2150 of Entry N 68577 2-3-14 of Defection T/C P/m & 840 A and replaced with exch unit new 5/10 1786 and cenit tuted manual # 610-0016-001 1 10/31/97 leng ening ton

DATE

Delta Aviation Services, LLC 202 Burns Rd. Dumas, AR 71639 (870)382-2216

Date: 09/09/2014

Reg# N6815T

SN: 414A-0645

Hobbs: 1829.6

TTAF: 4959.4

Depaneled aircraft and performed 100 hour/annual inspection in accordance with Cessna 414 Series service manual and 14CFR43(d). Lubed hinges and pulleys and checked control cables. Performed gear retraction test, including emergency gear deployment and warning horn. Cleaned, inspected, and repacked wheel bearings. Serviced fuel strainers. Serviced battery. Checked operation of all lights. Serviced tires. Serviced hydraulic reservoirs.

AD's Complied with:

Airframe AD compliance record included in logbooks.

*NOTE: AD95-09-13 due at 1952.0 Hobbs

AD97-26-16 due at 10176.2 TT

AD05-12-13 due at 15000 TT

See AD folder for details.

Other maintenance:

- 1) Replaced one each VG tab on left inboard wing.
- 2) Repaired one each bent VG tab on left inboard wing.
- Sent emergency extension blow-down bottle to Aerospace Turbine Rotables for hydrostatic testing, Ref WO#58968. Next test due: 08/2019
- 4) Sent oxygen bottle to Aerospace Turbine Rotables for hydrostatic testing, Ref WO#58969. Next test due: 08/2019.
- 5) Routed O2 filler line to avoid chaffing on surrounding structure.
- 6) Installed shims to firewall closeout panel to gain clearance between nitrogen bottle gauge and sight window.
- 7) Torqued pressure fitting on nose gear retraction valve.
- 8) Torqued J9 connector on Skywatch controller.
- 9) Repaired broken and chaffed inlet deice wiring at left engine nose cowling.
- 10) Replaced prop synchrophaser wire from pin 9 to the left engine control coil. Ops check good.
- 11) Replaced ELT battery PN: BS2173 and tested IAW with FAR91.207(d). Battery due date: 10/01/2016
- 12) Replaced airframe hydraulic filters PN: AN6235-2A and bled hydraulic system.
- 13) Replaced air-conditioner hydraulic filter PN: AN6235-3A.
- 14) Replaced molex crimp type connector pin in pin 12 of synchrophaser control box PN: 02-06-1103.
- 15) Replaced pressure vessel seal PN: R581559 at belly panel location 141B
- 16) Applied conductive deice boot edge sealant to outboard elevator boots and prop boots.
- 17) Replaced vacuum system garter filters PN: ARB3-5-1.
- 18) Fabricated patches for the forward inboard lower cowling camlocks, right-hand engine.
- 19) Serviced nitrogen.
- 20) Serviced oxygen.

Above maintenance accomplished in accordance with Cessna 414 Series service manual.

Performed engine run-up and taxied aircraft. Ops check satisfactory, no defects noted.

I certify that this AIRFRAME has been inspected in accordance with an ANNUAL inspection and was determined to be in AIRWORTHY condition.

Delta Aviation Services

James B. West

James B. West

AP3087142IA

SUB-TOTALS THIS PAGE

PAGE No.

DATE TOTAL TIME IN

TOTAL TACH OR RECORDING METER TIME

DESCRIPTION OF WORK PERFORMED -SIGNATURE & CERTIFICATE NO. OF PERFSON PERFORMING WORK

Air Impressions, Inc.

7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N Aircraft TT: 5136.8 Hour Meter: 1936.0 Date: 01/20/2015

Cessna S/N 414A-0645 N6815T

On above referenced aircraft, troubleshot prop sync system. Repaired broken wires at prop sync box plug. Repaired cut wire under co-pilot's panel for prop sync. Installed new plug assembly for prop sync harness. Installed overhauled left prop governor P/N DCFS290D9E/T3 S/N 010123 (See 8130-3) due to shorted control coil. Paralleled both voltage regulators per Cessna Specs. Adjusted hydroloc cable assembly for #5 passenger seat. Installed overhauled hydroloc assembly P/N LL17500-08 S/N 15636 (See 8130-3) for the #6 passenger seat. Troubleshot air conditioner annunciator light, found switch to be bad and advised customer. Troubleshot co-pilots directional gyro and found all hoses connected and advised customer. Installed new FAA/PMA left and right LED landing lights P/N 01-0790623-20. Installed new FAA/PMA LED taxi light P/N 01-0771424-25. Installed new left wing P/N CM3211-10B9.5 pressurization duct due to age deterioration. Installed new P/N CM3213-10-120.0 pressurization duct between left wing heat exchanger and fuselage due to age deterioration. Installed new right engine outboard slip joint P/N 1001-3. Installed new left engine inboard slip joint P/N 1001-3. Aircraft is approved for return to service for maintenance performed. Pertinent details are on file under wirk order 3962.

Air Impressions, Inc. CRS# AK6R541N

AIR IMPRESSIONS, INC.

7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N Aircraft TT: 5080.6 Hour Meter: 1957.8 Date: 02/03/2615

Cessna S/N 414A-0645 N6815T

On above referenced aircraft, troubleshot prop sync light inop. Installed new prop sync switch and light assembly. Re-wired switch and light assembly per latest RAM blue print. Adjusted throttle and propeller cable rigging. Installed new right engine CHT probe. Installed new right engine inboard exhaust slip joint P/N 1001-3 and hardware. C/W A.D. 2000-01-16 per paragraph (b) visual inspection of exhaust systems, due each 50 hours or 30 days whichever is later. Aircraft is approved for return to service for maintenance performed Pertinent details are on file under work order 3962.

Air Impressions, Inc. CRS# AK6R541N

DATE TOTAL TACH OR RECORDING DESCRIPTION OF WORK PERFORMED -	
20 15 IN METER SIGNATURE & CERTIFICATE NO. OF PERFSON PERFORMING WORK	
3-15 2,000.00 Inspected exhaust system YAW AS	
2000-01-16 PARA SPACE (b) Inspection of	0
exhaust system both engines due	7
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15 mtter. Wellin Celaler 33840417	*
05-15-2015 H/M 2052.0	
REMOVED AND REPLACED LEFT FUEL PUMP DUAL PRESSURE AUX PUMP WITH NEW OF SAME PART NO. 2B7-29 FROM PARKER S/N 7AD227, FAA FORM 8130-3 DATED 02-14-15, W.O.21050113-132. REPLACED LEFT FUEL PRESSURE SWITCH P/N 13AT100 WITH NEW. REFUELED AIRCRAFT, PUMP AND SWITCH OPERATION NORMAL.	
TERRY STEWART A&P3208126	
- Log foot Entry N68157 6-22-15 TT 20890 Removed alfecting Copilet DH P/N 4000B-6	
Testil geo of new 5/N T52460K	-
Temilson Avionics, Inc. PM. 870-634-0588 619-C Hanger Row Pine Bieff, Arkansas 71601 FAA Approved Repair Station No. YN1R644K	

SUB-TOTALS THIS PAGE



Aircraft TT: 5267.6 Hour Meter: 2137.8 Date: 10/29/2015 Heater HM: 115.0

Cessna S/N 414A-0645 N6815T

On above referenced aircraft, removed all inspection plates and panels for Annual Inspection. Checked all pulleys, bellcranks, cables, and fairleads. Checked all flight controls for security and movement. Inspected all wing, tail, and landing gear attach points. Inspected all aircraft lighting and electrical. Ran gear retraction test per Cessna 414A Service Manual. Inspected wheels, tires, and brakes. Inspected fuel, hydraulic lines and fittings. Performed B-12 chemtool soak of turbo charger oil passage per RAM Service Tip. Repaired wiring for right CHT. Paralleled both voltage regulators per Service Manual. Installed new screws at fuel filler rings as needed. Cleaned and lubricated left prop control cable. Installed new fuel cap "O" rings. Installed new static wic P/N 510D-24 at upper left winglet. Installed all new brake pad linings. Cleaned and treated exhaust tail areas. Cleaned and treated APU receptacle. Removed and re-installed left propeller after repair by Byam Propeller Service, new hub was installed during repair, new left prop S/N 150511 after hub replacement. (See 8130-3 dated 10/20/2015.) Installed new left prop spinner bulkhead P/N E-6178. (See 8130-3 dated 12/17/2014.) Installed serviceable right prop spinner bulkhead P/N E-6178. (See \$130-3 dated 6/01/09.) Re-bonded cowling tip de-ice boots as required. Re-bonded battery drain fairing as required. Re-bonded battery drain fairing as required. Installed new bushings for left inboard flap panel. Cleaned and treated flap wells as needed. Replaced numerous rivets on both nacelle rail cones. Instailed new right prop spinner P/N E-6190 and one new blade fillet P/N C-6184. Installed newly overhauled right aileron P/N 5124000-98 S/N 3085 (See 8130-3) after painting and balancing per Service Manual. Installed new right main tire. Goodyear Flight Custom 10 Ply. Tightened and re-saftied both main gear scissor center points. Fabricated and installed forward uplock actuator support channel. Installed serviceable AFT fusclage buikhead P/N 5112011-44 and installed Cessna Service Kit P/N SK427-143. (See 8130-3 form.) Installed new left alternator out sensor P/N 9910094-4. (See 8130-3.) Adjusted right prop governor. Adjusted prop cable rigging. Re-secued numerous camlocs on left and right engine nose cowlings. Installed doubler at left engine lower inboard cowling. Installed new left prop de-ice brushes P/N B40012. (See 8130-3.) C/W 95-09-13 per leak test of fuel inlet float valves. (Due each 600 hours.) C/W A.D. 2000-01-16 per paragraphs (b), (c), (d) and (e) inspections. (Paragraph (b) next compliance due in 50 flight hours or 30 days whichever is later.) Installed new left engine wastegate intet P/N 1967-3 S/N IZF19-0094. (See tag.) Installed new right engine exhaust overboard pipe P/N K9910299-2. (See tag.) C/W A.D. 84-26-02 per installation of new left and right engine induction air filters. (Due each 300 hours per RAM.) C/W A.D. 2004-25-16 (R1) per inspection of heater fuel regulator shut-off valve. (Due each 100 hours.) Installed new air conditioner hydraulic filter. (Due each 400 hours.) Installed new hydraulic system filters. (Due each 400 hours.) Installed new instrument air filter. (Due each 500 hours.) Installed all new "O" rings for right brake caliper and bled system. Installed new lamp for tail nav light. Installed new cabin relief tubing. Tested ELT unit per FAR 91.207(d) requirements. (Battery next due 10/2016.) Installed new right alternator out sensor P/N 9910094-4. (See 8130-3.) A.D.'s researched through bi-weekly 2015-20. See A.D. listing in log binder for current and future compliance times.) All above work done in accordance with 414A Service Manual and Air Impressions, Inc. 100 Hour/Ageual Inspection Checklist. Aircraft approved for return to service. Pertinent details are on file under work order 4143.

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Air Impression



7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N

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inspected in accord	dance with a	Annual
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DATE 10/29/2015		2137.8
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WORK ORDER #	4143 1/	, 77
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AIR IMPRESSIONS, INC REPAIR STATION # AK6R54IN

Totals - Carry follward to next pag

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DATE	TOTAL TIME IN SERVICE	Tach or Recording Meter Time	Description of work performed - signature & certificate no. of perfson performing work
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		7	1 Jua Colex 3384041 DA
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	6		
	AIR IM	PRESSIONS, INC.	
	7 V	929 Karl May Dr. Vaco, Texas 76708	Aircraft HM: 2236.2 Date: 03/16/2016
-	CI	RS No. AK6R541N	Cessna S/N 414A-0645 N6815T
	Aire	above referenced craft is approved for 4246.	aircraft, installed serviceable pivot arm, P/N 0812735-14R on inboard pilot's seat. or return to service for maintenance performed. Pertinent details are on file under work
		Impressions, Inc. S# AK6R541N	
3-26	5372.1	2242,3	C/W AD 2000-01-16 VISUAL INSpection of exhaust system, No discrepancy found due again 50 hrs or 30 days. Well alle 338404177
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	870	0-534-0588	TOMLINSON AVIONICS INC. 619 C HANGAR ROW PINE BLUFF, AR 71601	CERTIFIED REPAIR STATION #YN1R644K
	S/N_3 SIGNA I CERT PERFO	TURE THAT THE RMED THIS D	WE SEE A	E. THE ALTIMETER 5-23-/6 6-23-/6 91.413 HAS BEEN
OFESSIO	PRESSIONS, I	CE		Aircraft TT: 5- Hour Meter: 2: Date: 8/15/

Cessna S/N 414A-0645 N6815T

Heater HM:

152.0

On above referenced aircraft, removed all inspection plates and panels for Annual Inspection. Checked all pulleys, bellcranks, cables, and fairleads. Checked all flight controls for security and movement. Inspected all wing, tail, and landing gear attach points. Inspected all aircraft lighting and electrical. Ran gear retraction test per Cessna Service Manual. Inspected wheels, tires, and brakes. Inspected fuel, hydraulic lines and fittings. C/W A.D. 2000-01-16 per paragraphs (b), (c) and (e). (Paragraph (b) next due at 2352.2 HM or 9/14/2016.) Repaired pilot's evaporator interior cover. Performed flushing procedures on both engine radiators. Installed new tail nav. light bulb. Cleaned and treated exhaust trails. Installed new brake discs and pad linings. Installed new access panel outboard right main gear door. Cleaned and treated flap wells. Installed new fuel filler cap "O" rings. Troubleshot surface de-ice system and cleaned sequence valves and right control valve and systems op's checked good. Installed new main aircraft battery, P/N G246, SN G02919803. Installed new ELT battery and tested unit per FAR 91.207(d) requirements. (Battery next due replacement 08/2018.) C/W A.D. 2004-25-16(R1) per MEB01-5 and Kelly Aerospace Power Systems S/B \Lambda-107-C. (Due at 2402.2 HM or 08/2017.) C/W A.D. 2016-07-24 per installation of new elevator trim hardware. (Next due at 2402.2 or 08/2017.) Cleaned and treated in AFT wheel well access panel areas. Installed new nose wheel bearings and races. All A.D.'s researched through bi-weekly 2015-15. See A.D. listing in log binder for current and future compliance times. All above work done in accordance with Service Manual and Air Impressions, Inc. 100 Hour/Annual Inspection Checklist. Aircraft approved for return to service. Pertinent details are on file under work order 4252.

Air Impressions, Inc. CRS# AK6R541N

Waco, Texas 76708 CRS No. AK6R541N

PAGE No

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED - SIGNATURE & CERTIFICATE NO. OF PERFSON PERFORMING WORK
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		AIR IMPRESSION	s, Inc.
	0 "	PROFESSION AIRCRAFT	CAND CO.
- 0	4 -	7929 Karl Waco, Tex	26.76708
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			Inspection and has been determined
			to be in an airworthy condition.
	ne iau V		DATE <u>08/15/2016 HM 2302.2</u> AIRCRAFT TT 5432.0
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PAGE

Pine Bluff, Arkansas 71601

FAA Approved
Repair Station No. YN1R644K



Aircraft TT: 5625.5 Hour Meter: 2495.7 Date: 6/09/2017 Heater HM: 176.5

Cessna S/N 414A-0645 N6815T

On above referenced aircraft, removed all inspection plates and panels for Annual Inspection. Checked all pulleys, bellcranks, cables, and fairleads. Checked all flight controls for security and movement. Inspected all wing, tail, and landing gear attach points. Inspected all aircraft lighting and electrical. Ran gear retraction test per Cessna Service Manual. Inspected wheels, tires, and brakes. Inspected fuel, hydraulic lines and fittings. Installed left engine TSIOL-550-A S/N 800543 with existing total time of 2035.8 and SMOH 67.0. Installed right engine TSIOL-550-A S/N 800522 with existing total time of 3677.3 and SMOH 67.0. Installed left propeller 3AF36C514-C S/N 921477 with existing total time 1893.5 and SMOH 67.0. Installed right propeller 3AF36C514-C S/N 921478 with existing total time 1893.5 and SMOH 67.0. C/W A.D. 2000-01-16 per paragraphs (b), (c), (d) and (e) inspections. (See compliance sheet in A.D. section of log binder for individual component times per paragraph (g). (Paragraph (b) next compliance due in 50 hours or 30 days whichever is later.) C/W A.D. 2004-25-16(R1) per inspection of cabin heater fuel regulator valve. (Next due in 100 flight hours or Annual.) C/W A.D. 2016-17-08 per installation of all new elevator trim rod hardware. (Next due inspection in 110 hours or annual.) Installed all new cabin curtain straps and retainers. Installed all new cabin carpet. (See burn certificate dated 1/30/2017 for Douglas Interior Products Lot No. 31584, Item #DEC-VX5726-13, Cappuccino carpet.) Adjusted #5 cabin seat hydroloc. Installed new lamp for mode selector nav. button. Serviced oxygen system. Installed new lamp for left nav. light. Cleaned, treated and replaced as needed in exhaust trail areas. Cleaned and treated lower wing flap bellcrank locations. Cleaned wheel well and flap well areas as needed. Re-bonded left cowling lip de-ice boots as required. Re-bonded wing de-ice boot edges as needed. Installed new air conditioner hydraulic filter. (Due each 400 hours.) Installed new left and right wing hydraulic system filters. (Due each 400 hours.) Serviced air conditioner system. Calibrated EGT gauge per RAM procedures. C/W A.D. 84-26-04 per replacement of engine air filters will next be due at 2728.7 HM. Installed new exhaust elbow support brackets for left and right engines. Installed new latch on left engine induction air box. Tested ELT battery unit per FAR 91.207(d) requirements. (Battery next due replacement 08/2018.) Installed overhauled right turbo wye P/N 9910299-9 WO# 6600. (See 8130-3.) Installed overhauled left turbo controller P/N 470836-18RLC S/N B357. (See 8130-3.) Installed new left alternator out sensor P/N 9910094-4. Installed new instrument air filter in nose. (Due each 500 hours.) All A.D.'s researched through bi-weekly 2017-11. See A.D. listing in log binder for current and future compliance times. All above work done in accordance with Service Manual and Air Impressions, Inc. 100 Hour/Annual Inspection Checklist. Aircraft approved for return to service. Pertinent details are on file under work order 4487.

Air Impressions, Inc CRS# AK6K541N

1	9 4		AIR IMPRESSIONS, INC.
			7929 Karl May Dr. Waco, Texas 76708
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inspected in	accordar	ice with a	Annual
Inspection ar	nd has be	en detern	nined
to be in an ai	rworthy	condition	
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AIR IMPRESSIONS, INC REPAIR STATION # AK6R541N

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	A	The second	exhaust syste	em, No	CERCKS	l inspection of or leaks, due lever is latter.
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	AIR IMP	RESSIONS, INC.			1,000	
		929 Karl May Dr. Vaco, Texas 76708				Aircraft HM: 2557.2
	CR	S No. AK6R541N				Date: 10/04/2017
-	1		Cessna S/N 414			
	orde	craft is approved to	r return to service for mainten	ance performe	ed. Pertinent det	ches for right landing light. ails are on file under work
	Air	Impressions, Inc. 6# AK6R541N	r return to service for mainten	ance performe	ed. Pertinent det	ches for right landing light. ails are on file under work
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	Air	Impressions, Inc. 8# AK6R541N Approving Civil Aviation Authority Country	Treturn to service for mainten	ance performe	od. Pertinent det	ches for right landing light. ails are on file under work
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	Air	Approving Civil Aviation Authority Country PAA/United States Oranization Name and Address 1 C	UTHORIZED RELEASE CER FAA Form 8130-3, AIRWORTHINESS APPROV Textron Aviation Inc. (PC4) Textron Aviation Inc. essna Blvd, Wichita, KS 67215	TIFICATE VALTE 10 Senal Number N/A	Form Tracking Number 5621604 West Order Contract Invoice 2686201	iches for right landing light. ails are on file under work
	Air	Approving Civil Aviation Authority Country: PAA/United States Oralization Name and Address 7. Description SWITCH	UTHORIZED RELEASE CER FAA FORM 8130-3, AIRWORTHINESS APPROV Textron Aviation Inc. (PC4) Textron Aviation Inc. essna Blvd, Wichita, KS 67215 Part Number	TIFICATE VALTE 10 Senal Number N/A	Form Tracking Number 5621604 West Order Contract Invoice 2686201	iches for right landing light. ails are on file under work
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	Air CRS	Approving Civil Aviation Authority Country PAA/United States Oralization Name and Address 1 College 7 Description SWITCH Remarks Certifies the items identified above were Approved design data and are in a college of the individual of the ind	UTHORIZED RELEASE CER FAA Form 8130-3, AIRWORTHINESS APPROV Textron Aviation Inc. (PC4) Textron Aviation Inc. essna Blvd, Wichita, KS 67215 A Part Number 1SM3 1 AUTHORIZED RELEASE DOCUI PO#: 12636 Book of for safe operation Book 12 Its Algebra 21 Authorization Vo. PC4 Its Algebra 21 Authorization Vo. PC4	TIFICATE ALTING 10 Scriul Number N/A MENT Serum to Service Other in Block Regulation, part Q and in resy to turnice, part Q and in resy to turnice.	1 form Tracking Number 5621604 S Work Order Contract Invoice Number 2686201 11 Status Work New 12 to 2 the work should find the 14- to accordance which what if the 14- to accordance work, the items according to that work, the items according to the work the items according to the items according to the work the items according to the work the items according to the items according	iches for right landing light. ails are on file under work
	Air CRS	Approving Civil Aviation Authority Country PAA/United States Oranization Name and Address 1 C SWITCH Remarks Certifies the items detaifed above were Approved design data and are in a co Non-approved design data specified.	UTHORIZED RELEASE CER FAA Form 8130-3, AIRWORTHINESS APPROV Textron Aviation Inc. (PC4) Textron Aviation Inc. essna Blvd, Wichita, KS 67215 A Part Number 1SM3 AUTHORIZED RELEASE DOCUI PO#: 12636 Maio, factured in conformity to ordition for sife operation in Block 12 It Alignor al Authorization No PC4 It Date (Ald main, 1993) 11/May/2017	TIFICATE III Scrial Number N/A MENT Revent to Service	1 form Tracking Number 5621604 S Work Order Contract Invoice Number 2686201 11 Status Work New 12 to 2 the work should find the 14- to accordance which what if the 14- to accordance work, the items according to that work, the items according to the work	iches for right landing light. ails are on file under work
	Air CRS	Approving Civil Aviation Approving Civil Aviation Authority Country PAN/United States Oranization Name and Address 1 Confirm the items detailed above were Approved design data and are in a co Non-approved design data specified Authorized Signature Asserting ped or Printedi JENNIFER FISHER	UTHORIZED RELEASE CER FAA Form 8130-3, AIRWORTHINESS APPROV Textron Aviation Inc. (PC4) Textron Aviation Inc. essna Blvd, Wichita, KS 67215 A Part Number 1SM3 1 AUTHORIZED RELEASE DOCUL PO#: 12636 Ind. Date (ast are operation) In Block 12 In Algebra 24 Authorization No PC4 It Date (ald memmy yyy) 11/May/2017 Liver/Installer Responsibilities of this day ment alone does not a shorturing his constitute authority to	TIFICATE VAL TAG 10 Scrial Number N/A MENT Return to Service Other in set of the service specified in Black Regulation, part 43 and in resp. Authorized Signature 4 Name (Typed or Printed)	26 Form Tracking Number 5621604 S. Work Order Contract Invoice Number 2686201 II Status Work New Paginting specified in Block 12 It 12 the work inhanding in Block in according to the specific of the spe	iches for right landing light. ails are on file under work
	Air CRS	Approving Civil Aviation Authority Country PAA/United States Oranization Name and Address To Description SWITCH Remarks 7 Description SWITCH Remarks Approved design data and are in a co Non-approved design data specified. Name (Typed or Printed) JENNIFER FISHER Important to adderstand that the existence for the user invalide performs with in accions it is a cover invalide by specified in Block I.	UTHORIZED RELEASE CER FAA Form 8130-3, AIRWORTHINESS APPROX Textron Aviation Inc. (PC4) Textron Aviation Inc. essna Blvd, Wichita, KS 67215 A Part Number 1SM3 1 AUTHORIZED RELEASE DOCUI PO#: 12636 ### District and in conformity to odd.tom for sufe operation. #### Its Aignov al Authorization No. #### #### Its Aignov al Authorization No. ##### ############################	TIFICATE VALTAG 10 Senal Number N/A MENT Return to Service Other in the second	Form Tracking Namber 5621604 (West Order Contract Invoye Namber 2686201 It Status Work New 15 to the work thandfirst in Block in accordance with Table 4. 14 to Approval Curificate No.	iches for right landing light. ails are on file under work

PAGE No. DATE TOTAL TACH OR RECORDING DESCRIPTION OF WORK PERFORMED -TIME SIGNATURE & CERTIFICATE NO. OF PERFSON PERFORMING WORK IN METER SERVICE TIME — Autopilots Central, Inc. 3112 North 74th East Avenue Hangar 23, Tulsa International Airport - Tulsa, OK 74115 (918)836-6418 - Fax (918)832-0136 FAA CRS CM2R747K Logbook Entry Sold To L A Flyers, LLC 511 North Hyalt Street Monticello, AR 71655 8/14/2017 Work Order: AV17-04908 8/16/2017 S/N: 414A0645 Type:CESSNA 414A Aircraft Number: N6815T Prop Time Time Cycles Prop Type Prop S/N Eng# Type S/N Discrepancy: 1 Action Taken: Ramp checked autopilot. No obvious problems note: Discrepancy: 2
Action Taken: Uncowled right hand engine and removed vacuum pump p/n. AA442CW s/n: n/a. Installed customer suppl Airborne p/n. 442CW s/n. 07YN03. Ground run operational check OK. Discrepancy: 3 Action Taken: Removed trim actuator and trim mount for bench check Discrepancy: 4
Action Taken: PRELIMINARY INSPECTION: Bench tested actuator. Motor and gear train noisy. Relay intermittent. WORK PERFORMED. Cleaned and lubed motor and gear train. Cleaned solonoid and shaft. Replaced relay. Repaired and tested using ARC service manual #7010434-4 change 2 dated 1 November 1983 as a reference. Description Credit Quantity Units 1 00 Each Unit Price Relay Discrepancy: 5
Action Taken: PRELIMINARY INSPECTION. Bench tested actuator mount. Torque 20-23 in/fbs (25 in/fbs).

WORK PERFORMED. Cleaned capstan and clutch assembly. Set torque to specs (25 in/fbs). Repaired and tested using ARC service manual #7010434-4 change 2 dated 1 Novmeber 1983 as a reference. Discrepancy: 6
Action Taken: Reinstall autopilot components for ground check mount trim and autopilot setup flight Discrepancy: 7
Action Taken: Flew aircraft on August 16th, autopilot flew well in all modes. Manual electric trim was inop in the air. After landing, found if the control wheel is pulled back for level flight, the electric is inop. Discrepancy: 8 Action Taken: ig Number 3. Form Tracking Number AUTHORIZED RELEASE CERTIFICATE 4908 1. Approving Civil Aviation FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG AA 107YN-0000 Authority / Country: ntract/Invoice FAA / UNITED STATES ne #3 5. Work Order / Contract / Invoice Number FAA-PMA PQ1206CE 4. Organization / Name and Address Aero Accessories, Inc. 1240 Springwood Church Road, Gibsonville, NC... 107YN-0000 10.Serial Number: 11. Status / Work 8. Part Number 9. Quantity 6. Item 7. Descripton **ED OVERHAUL** 07YN03 Dry Air Pump 442CW 12. Remarks OVERHAULED IAW ONE OF THE FOLLOWING FAA APPROVED PROCESSES: 203-6-1009, 203-6-1010, 203-6-1011, 203-6-1012 CERTIFIES THAT THE WORK SPECIFIED IN BLOCKS 11/12 WAS CARRIED OUT IAW FAR 145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE FOR WORK PERFORMED UNDER EASA **ACCEPTANCE CERTIFICATE NUMBER EASA 145.5682** ad in Block 12 14a. 14 CFR 43.9 Return To Service identified in Other Regulation Specified in Block 12 ordance with Certifies that unless otherwise specified in block 12, the work identified in block 11 and o that work, described in block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service. Certificate No. 14cApproval/Certificate No: **Authorized Signature** YV4R688M Witchell corruptus 747K Date (dd/mmm/yyyy) 14d. Name (Typed or Printed) mmm/yyyy): 29/ Dec/ 2014 Mitch Murphy 2017 User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. eller/article. Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the Where the user/installer performs work in accordance with the national regulations of an airwortiness authority direction in accordance with the national regulations of an airwortiness authority arrows that his/her airworthiness authority accepts aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1.

Statements in Blocks 13a and 14a do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user / installer before the aircraft may be flown. hority of the (s)/article(s) certification

NSN 0052-00-012-9005

00-012-9005

FAA FORM 8130-3/2-14)

PAGE No. TACH OR TOTAL DESCRIPTION OF WORK PERFORMED -DATE RECORDING TIME SIGNATURE & CERTIFICATE NO. OF PERFSON PERFORMING WORK METER IN expend Defective 1C122-15/N516B and replaced its, a serviceable 10 153 5/N 1-1230 and with frester MAINTENANCE RECORD Date: May 10, 2018 Page of 1 Pages Aircraft: Cessna 414A Reg. No: N6815T Serial #: The below listed items were accomplished in accordance with the Cessna 414A Aircraft Maintenance Manual and other approved or acceptable 414A0645 Work Order 041809033: Replaced defective tail cone stinger assembly, p/n 5112020-1. [002] Replaced worn left wing fuel tank sump seals, p/n MS29512-12 and MS29513-006. [003] Replaced defective right nav. Bulb, p/n A7512-24, and right strobe plug, p/n 60617-1. [004] Performed detailed rudder inspection as requested, no defects noted. [005]Replaced worn right alternator gasket, p/n 653981. [006]Installed doubler fabricated from .040" 2024-T3 aluminum at the aft aircraft tie down lower fuselage, i/a/w Cessna 414 [9000] Replaced defective left wind tie down bracket, p/n 5122115-49, and angle, p/n 5122115-37, installed new tie down, p/n [9001] 0523615-1, i/a/w Cessna 414 Structural Repair manual Chapter 16. Replaced defective right wind tie down bracket, p/n 5122115-50, and angle, p/n 5122115-38, installed new tie down, [9002] p/n 0523615-1, i/a/w Cessna 414 Structural Repair manual Chapter 16. I certify that the above listed items have been completed, and with regard to the above items, this aircraft has been approved for Signed Central Flying Service, Inc. Thomas Pepka 1501 Bond Street, Little Rock, AR 72202 CRS No. HBKR587E Phone: (501) 375-3245, (800) 888-5387 FAX (501) 374-2150 Work Order AV17-04908 Printed 8/16/2017 ARD TO NEXT AGE

PAGE No. DATE TOTAL TACH OR RECORDING DESCRIPTION OF WORK PERFORMED -TIME SIGNATURE & CERTIFICATE NO. OF PERFSON PERFORMING WORK METER IN SERVICE TIME boor cable left side 2451,1 11 Approving Civil Aviation Authority Country AUTHORIZED RELEASE CERTIFICATE 6198940 PAA/United States FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG Work Order/Contract/Invoice Textron Aviation Inc. (PC4) Textron Aviation Inc. 1 Cessna Blvd, Wichita, KS 67215 3131462 1. Status/Work 8. Part Number: 9 Quantity 10 Serial Number 10 New **CABLE ASSY** 71540-8 1 N/A 12 Remarks **AUTHORIZED RELEASE DOCUMENT** PO#: 13181 14s 14 CFR 43 9 Resum to Service 10 Other regulations Certaffes that senious otherwise specified in Block 12, the service of 32 Certifies the items identifed above were manufactured in conformity to Approved design data and are in a condition for safe opera Non-approved design data specified in Block 12 3c. Approval/Author PC4 144. Name (Typed or Printed): 14c. Date (dd/menm/yyyy). 13c Date (dd mmm)yyy): NAME DATE -4-18 CHECKED BY MAKE PART NO. < MODEL 3911 34 SERIAL NO. ALTITUDE PRESSURE & FRICTION TEST BAROMETRIC SCALE ERROR ALT ALT/ENC FRCTN ALT ALT/ENC **FRCTN PRESSURE** ALTITUDE ALTIMETER FEET READS TEST FEET READS TEST (IN. OF HG) DIFFERENCE FT READS 28.10 28.50 -1727 - 1000 XXXX 12000 12010 -1340 14020 29.00 XXXX 14000 XXXX -863 VVVV 15000 15000 150 15000 500 29.92 NAME DATE CHECKED BY 6-4-18 MODEL 36 MAKE PART NO. SERIAL NO. 5934 8 ALTITUDE PRESSURE & FRICTION TEST BAROMETRIC SCALE ERROR **PRESSURE** ALT ALT/ENC FRCTN ALT ALT/ENC **FRCTN** ALTITUDE ALTIMETER FEET (IN. OF HG) DIFFERENCE FT. READS TEST FEET READS READS TEST -1727 28.10 -1720 12000 - 1000 XXXX 11960 11930 28.50 29.00 29.50 -1340 135 -863 860 0 XXXX 0 14000 13960 14.0 XXXX -410 -392 29.92 14950 500 XXXX 15000 0 1496015.0 +531 30.50 1.0 16000 1000 990 5960 16.0 XXXX +893 290 30.90 +974 905 XXXX 179170 1500 18000 18:0 XXXX TOLERANCES 2.0 2000 1990 20000 1991 CASE LEAK TEST 3.0 2990 22000 XXXX 3000 3000 AFTER EFFECT TEST 4.0 XXXX 25000 25.0 24960 4000 HYSTERSIS TEST NO. 1 (50%) 30.0 5000 9910 30000 HYSTERSIS TEST NO. 2 (40%) 6000 XXXX 35000 8.0 **ENCODER PART NO** 8000 XXXX 40000 0.01 0000 10000 XXXX 45000 9990 ENCODER SERIAL NO. 50000

WORK ORDER NO.



Aircraft TT: 5791.3 Hour Meter: 2661.5

Date: 7/25/2018 Heater HM: 198.4

Cessna S/N 414A-0645 N6815T

On above referenced aircraft, removed all inspection plates and panels for Annual Inspection. Checked all pulleys, bellcranks, cables, and fairleads. Checked all flight controls for security and movement. Inspected all wing, tail, and landing gear attach points. Inspected all aircraft lighting and electrical. Ran gear retraction test per Cessna Service Manual. Inspected wheels, tires, and brakes. Inspected fuel, hydraulic lines and fittings. Adjusted take off fuel flows to RAM specs. Repaired wiring at right alternator. Installed 2 new static wics on aircraft. Secured trim on #3 cabin seat. Installed serviceable right strobe lamp and operational tested. Re-paired compass light socket. Cleaned and lubed both prop cables. Removed and re-installed headliner after repairing oxygen leaks in upper cabin. Installed new upper cabin door placards. Installed new aileron horn bearings, P/N MS27645-5a, for left and tight ailerons. Cleaned and treated flap wells as needed. Installed new fuel cap "O" rings. Replaced on missing V.G. on left wing. Fabricated and installed new doubler at left gear door. Installed new left main gear door hinge pin. Installed new left gear door inboard rod end. Installed all new "O" rings for nose shimmy dampner and serviced. Installed flush patch on small hole found in skin at forward side of right nose baggage door. Installed new bushing at rudder trim tab horn. Installed new static port placards. Installed new ELT battery and tested unit per FAR 91.207(d) requirements. (Battery next due replacement 06/2020.) C/W A.D. 2004-25-16(R1) per inspection of heater fuel regulator valve, due each 100 hours. C/W A.D. 84-26-02 per new air filters installed, due each 300 hours per RAM. C/W A.D. 2016-17-08 per inspection of elevator trim hardware, due each 110 hours or 12 months. C/W A.D. 2000-01-16 per paragraphs (b), (c), (d) and (e). Installed overhauled right exhaust wye P/N 9910299-9 S/N AW183577. (See 8130-3 form.) (Paragraph (b) next due in 50 hours or 30 days whichever is later.) C/W A.D. 95-09-13 per testing of wing fuel inlet float valves, due each 600 hours. Installed new right forward oxygen port in cabin. Installed all new brake pad linings. Removed and re-installed left alternator after installing new shaft scal, checked alternator clutch for slippage and found acceptable. Installed overhauled left hydraulic pump P/N 24194-LAA, S/N 555. (See 8130-3.) Installed new left main tire and tube. Performed main gear alignment procedures per service manual. All A.D.'s researched through bi-weekly 2018-14. See A.D. listing in log binder for current and future compliance times. All above work done in accordance with Cessna Service Manual and Air Impressions, Inc. 100 Hour/Annual Inspection Checklist. Aircraft approved for return to service. Pertinent details are on file under work order 4691.

Air Impressions, Inc. CRS# AK6R541N AIR IMPRESSIONS 7929 Karl May Dr. Waco, Texas 76708 I certify this Aircraft CRS No. AK6R541N inspected in accordance with a Annual Inspection and has been determined to be in an airworthy condition. DATE 07/25/2018 HM 2661.5 AIRCRAFT TT WORK ORDER #4691 SIGNED AIR IMPRESSIONS, INC REPAIR STATION # AK6R541N SUB-TOTALS THIS PAGE

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DATE	TOTAL TIME IN SERVICE	TACH OR RECORDING METER TIME		PTION OF WORK PERFORMED - RE & CERTIFICATE NO. OF PE			
	MAINTENANCE RECORD						
	Date:	September 20, 20 Cessna 414A		Page 1 of 1 Pages Serial #: 414A0645	Reg. No: Total Time / HM:	N6815T / 2,599.7	
	The below lis	ted items were accomp		cordance with the Cessna 414A A			
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-	I certify that return to ser Signed		ms have be	een completed, and with segard	to the above items, this airc	eraft has been approved for	
	Central Flyi	ing Service, Inc. Street, Little Rock,	AR 72202	Thomas Papka Phone: (501) 375-324:	5, (800) 888-5387	CRS No. HBKR587E FAX (501) 374-2150	
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Aircraft TT: 5919.8 Hour Meter: 2790.0 Date: 7/24/2019 Heater HM: 220.4

Cessna S/N 414A-0645 N6815T

On above referenced aircraft, removed all inspection plates and panels for Annual Inspection. Checked all pulleys, bellcranks, cables, and fairleads. Checked all flight controls for security and movement. Inspected all wing, tail, and landing gear attach points. Inspected all aircraft lighting and electrical. Ran gear retraction test per Cessna Service Manual. Inspected wheels, tires, and brakes. Inspected fuel, hydraulic lines and fittings. Installed new prop sync lamp. Installed new left cowling light lamp. Re-installed pilot seat lower trim. Rescaled oxygen capillary line due to leakage. Checked calibration of engine gauges. Repaired wiring for flap system and operational tested. Installed new tachometer P/N C668016-ORAM, S/N 4514. (See 8130-3.) Cleaned and lubricated both prop cables. Repaired and adjusted right AFT facing seat armrest assembly. Cleaned flap wells. Installed new fuel cap "O" rings. Re-sealed two screws at right wing top fuel panel. Replaced rivnuts and nutplates as required at left engine lower scoop area. Replaced tubing at right de-ice shuttle valve. Installed overhauled left vacuum pump P/N AA441CW-OII, S/N 006L03. (See 8130-3.) Removed and re-installed oxygen and nitrogen after hydrostatic testing, next due 7/2024. Tested ELT battery per FAR 91.207(d) requirements. (Battery next due replacement 06/2020.) Installed new main hydraulic system filters, due each 400 hours. Installed new air conditioner hydraulic filter, due each 400 hours. C/W A.D. 2004-25-16(R1) per inspection of heater fuel regulator valve, due each 100 hours. C/W A.D. 2016-17-08 per inspection of elevator trim hardware, due each 110 hours or 12 months. 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 clamp on return air duct in nose. Installed new left main gear inner wheel seal. Installed new right exhaust tailpipe P/N A9910299-2. (See 8130-3.) All A.D.'s researched through bi-weekly 2019-15. See A.D. Isting in log binder for current and future compliance times. All above work done in accordance with Cessna Service Manual and Air Impressions, Inc. 100 Hour/Annual Inspection Checklist. Aircraft approved for return to service. Pertinent details are on file under work order 4882.

AIR IMPRESSIONS, IN 7929 Karl May Dr. Waco, Texas 76708 I certify this Aircraft has been CRS No. AK6R541N inspected in accordance with a Annual Inspection and has been determined to be in an airworthy condition. DATE 07/24/2019 HM2790.0 AIRCRAFT TT-WORK ORDER #4882 SIGNED-REPAIR SATION # AK6R541N I certify this Aircraft has been 7929 Karl May Dr. inspected in accordance with a Annual Waco, Texas 76708 Inspection and has been determined CRS No. AK6R541N to be in an airworthy condition. 2790.0 DATE 08/01/2019 HM 5919.8 AIRCRAFT TT LISTHIS WORK ORDER #4882

SIGNED

AIR MUKESSIONS, INC

REPAIR STATION # AK6R541N

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Regulations, Part 43 and in respect to that work, the	Certifies that unless otherwise specified in Block 12, the wo accomplished in accordance with Title 14, Code of Federal In Secondance wit In Secondance with Title 14, Code of Federal In Secondance with
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AIR IMPRESSIONS, INC.	
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PROPESSIONNE AIRCRAFT SERVICE	Aircraft HM: 2829.2 Date: 11/19/2019
7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N	Date: 11/19/2019
7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N	Date: 11/19/2019 Cessua S/N 414A-0645 N6815T
7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N On above referenced aircraft, troublesl	Date: 11/19/2019 Cessua S/N 414A-0645 N6815T not oil leak at left alternator and installed new mount gasket P/N 653981.
7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N On above referenced aircraft, troublesl Troubleshot right nacelle coolant leak	Date: 11/19/2019 Cessna S/N 414A-0645 N6815T not oil leak at left alternator and installed new mount gasket P/N 653981, and installed new "O" ring for thermostat housing and 2 new "O" rings
7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N On above referenced aircraft, troublesh Troubleshot right nacelle coolant leak for coolant line coupling at thermostat	Date: 11/19/2019 Cessna S/N 414A-0645 N6815T not oil leak at left alternator and installed new mount gasket P/N 653981, and installed new "O" ring for thermostat housing and 2 new "O" rings housing. Pressure tested system and removed air from system. Serviced
7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N On above referenced aircraft, troublesh Troubleshot right nacelle coolant leak for coolant line coupling at thermostat	Date: 11/19/2019 Cessna S/N 414A-0645 N6815T not oil leak at left alternator and installed new mount gasket P/N 653981, and installed new "O" ring for thermostat housing and 2 new "O" rings
7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N On above referenced aircraft, troublesh Troubleshot right nacelle coolant leak for coolant line coupling at thermostat coolant system. Aircraft is approved	Date: 11/19/2019 Cessna S/N 414A-0645 N6815T not oil leak at left alternator and installed new mount gasket P/N 653981, and installed new "O" ring for thermostat housing and 2 new "O" rings housing. Pressure tested system and removed air from system. Serviced
7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N On above referenced aircraft, troublesh Troubleshot right nacelle coolant leak for coelant line coupling at thermostat coolant system. Aircraft is approved file under work order 4982.	Date: 11/19/2019 Cessna S/N 414A-0645 N6815T not oil leak at left alternator and installed new mount gasket P/N 653981, and installed new "O" ring for thermostat housing and 2 new "O" rings housing. Pressure tested system and removed air from system. Serviced
7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N On above referenced aircraft, troublesh Troubleshot right nacelle coolant leak for coolant line coupling at thermostat coolant system. Aircraft is approved file under work order 4982.	Date: 11/19/2019 Cessna S/N 414A-0645 N6815T not oil leak at left alternator and installed new mount gasket P/N 653981, and installed new "O" ring for thermostat housing and 2 new "O" rings housing. Pressure tested system and removed air from system. Serviced
7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N On above referenced aircraft, troublesh Troubleshot right nacelle coolant leak for coelant line coupling at thermostat coolant system. Aircraft is approved file under work order 4982.	Date: 11/19/2019 Cessna S/N 414A-0645 N6815T not oil leak at left alternator and installed new mount gasket P/N 653981, and installed new "O" ring for thermostat housing and 2 new "O" rings housing. Pressure tested system and removed air from system. Serviced
7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N On above referenced aircraft, troublesh Troubleshot right nacelle coolant leak for coolant line coupling at thermostat coolant system. Aircraft is approved file under work order 4982.	Date: 11/19/2019 Cessna S/N 414A-0645 N6815T not oil leak at left alternator and installed new mount gasket P/N 653981, and installed new "O" ring for thermostat housing and 2 new "O" rings housing. Pressure tested system and removed air from system. Serviced
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7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N On above referenced aircraft, troublesh Troubleshot right nacelle coolant leak for coolant line coupling at thermostat coolant system. Aircraft is approved file under work order 4982. Air Industrian Inc. CR # AK6R541N	Date: 11/19/2019 Cessna S/N 414A-0645 N6815T not oil leak at left alternator and installed new mount gasket P/N 653981, and installed new "O" ring for thermostat housing and 2 new "O" rings housing. Pressure tested system and removed air from system. Serviced

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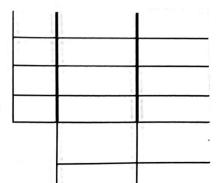
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Cessna S/N 414A-0645 N6815T

On above referenced aircraft, removed all inspection plates and panels for Annual Inspection. Checked all pulleys, bellcranks, cables, and fairleads. Checked all flight controls for security and movement. Inspected all wing, tail, and landing gear attach points. Inspected all aircraft lighting and electrical. Ran gear retraction test per Cessna Service Manual. Inspected wheels, tires, and brakes. Inspected fuel, hydraulic lines and fittings. Flushed left and right engine oil coolers. Troubleshot left cowling lip de-ice boots and found terminal dirty. Cleaned terminals and ops checked good. Serviced oxygen system. Installed center floor placard required by MNB 88-3. Cleaned and treated flap wells as required. Cleaned, treated and painted both exhaust trail areas. Installed new left main tire. Installed new left main gear door hinge pin. Fabricated and replaced doubler just outboard of right main gear door in exhaust trail. Repaired wiring for right wing de-ice valve. Replaced both long pressurization ducts at inboard wings. C/W A.D. 2000-01-16 per paragraphs (b), (c), (d), (e) and (g). (Paragraph (g) was complied with by sending left and right exhaust out for repair and re-certification. (See tags), due each 12 years or 2500 hours. (Paragraph (b) next due in 50 hours or 30 days whichever is later.) Left slip joints were not sent out for re-certification at this time. Right engine left slip joint, wye and overboard exhaust pipe were not sent for re-certification at this time. Installed new right engine outboard slip joint P/N 1001-3. Left overboard exhaust pipe was not sent for re-certification at this time. (See component time sheet in A.D. listing for exhaust status and future compliance status.) C/W A.D. 2016-17-08 per inspection of elevator trim rod hardware, due each 110 hours or 12 months. C/W A.D. 2004-15-16(R1) per inspection of heater fuel regulator valve, due each 100 hours. Installed new ELT battery and tested unit per FAR 91.207D requirement, battery next due 3/2022. All A.D.'s researched through bi-weekly 2020-14. See A.D. listing in log binder for current and future compliance times. All above work done in accordance with Cessna Service Manual and Air Impressions, Inc. 100 Hour/Annual Inspection Checklist. Aircraft approved for return to service. Pertinent details are on file under work order 5072.

prestions, Inc. CRS# AK6R541N



AIR IMPRESSIONS, INC AIRCRAFT SERVI

> 7929 Karl May Dr. Waco, Texas 76708 CRS No. AK6R541N

I certify this Aircraft inspected in accordance with a Annual Inspection and has been determined to be in an airworthy condition.

DATE 07/27/2020 2860.1 AIRCRAFT TT

WORK ORDER #5072

SIGNED

AIR IMPRESSIONS, INC REPAIR STATION # AK6R541N

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W	aco, Texas 7670	8	Cessna S/N 414A	1-0645 N6815T	
	S No. AK6R541		all inspection plates and panel	s for Annual Inspection. Checked all pu	llevs hellcranks cables and
C/W rod h 50 ho Insta 2419 and f	84-26-02 per in nardware, due ea ours or 30 days lled new nose v 4-LAA S/N 513 future compliance	stalling new induct the 110 hours or an whichever is later wheel bearings and 82. (See 8130-3 for times, All above	tion air filters, due each 300 ho nual. C/W A.D. 2000-01-16 p .) Installed new left engine en races. Installed both right en orms.) All A.D.'s researched to work done in accordance with	aspection of heater fuel regulator valve, do burs per RAM. C/W A.D. 2016-17-08 per per paragraphs (b), (c), (d), (e) inspections khaust overboard pipe P/N A9910299-1 ngine hydraulic pumps P/N's 24343LAD hrough bi-weekly 2021-15. See A.D. list a Cessna Service Manual and Air Impres details are on file under work order 5251.	r inspection of elevator trim. (Paragraph (b) next due in S/N 211921. (See 8130-3.) S/N R920217MS and P/N ting in log binder for current sions, Inc. 100 Hour/Annual
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CRS	# AK6K541N		AIR IMPRESSIONS, INC.		
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		- F - 1 - 1 - 1 - 1 - 1 - 1	Waco, Texas 76708 CRS No. AK6R541N	I certify this <u>Aircraft</u> inspected in accordance with a	has been Annual
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PAGE No. TACH OR DATE TOTAL RECORDING TIME DESCRIPTION OF WORK PERFORMED -METER SIGNATURE & CERTIFICATE NO. OF PERFSON PERFORMING WORK IN TIME SERVICE 01/31/2022 N6815T Hobbs 2940.2 TT 6070.0 CW AD2000-01-16 by visual inspection of exhaust system IAW section (b), no damage found, inspection due again 50 hrs or 30 day, latter Of the two. William A Collins 33840411A Indlally Log Both Entry N 6815T 3-1-22 77 2953.3 Renewed and replaced th-840 A IN 1786 with an OHI exch Unit new IN 2284. Unit tested good 11 Tomilson Avionics, Inc. PH. 870-534-0588 619-C Hanger Row Pine Bluff, Arkansas 71601 FAA Approved Repair Station No. YN1R644K SUB-TOTALS THIS PAGE