

AIRFRAME MAINTENANCE RECORD

AIF	RCRAF	T SE	RIAL AND REGISTRATION 1828/841	Y 6064A
D55	17-2-13		RECORD NUMBER	
			MAINTENANCE RECORD	
2006	INSE	RVICE 10TH	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER
7/31	3	3	ELT Battery date expires: May 2008 Key # 237 Airworthiness Directives comply through 2006 – 15	
7/3/	3	3	Aircraft Airworthy. Total Time in Service: 3.3 Total tach time: 3.3 Hobbs time: 4.2	
7/31	3	3	The G1000 System Software installed in this aircraft is Cessna publication number 182 TG\$WOO-OLo.	
7/31	3	3	AMS AFE Aviation Inflatable Restrains (AAII.*) System Scal. *1 - Serial *1 AASI	ODVBEIO SACE
AS!	3	91	Seat # 4 - Serial # AASI 0.33T 10169 Expiration Date 2 - 1-13 Seat # 5 - Serial # AASI UNA Expiration Date VIA Seat # 6 - Serial # AASI VIA Expiration Date VIA	
SOLE	PERSONAL PROPERTY OF THE PERSONAL PROPERTY OF		End	DDARF10029CE

			MAINTENANCE RE	CORD	
DATE TOTAL IN SER	VICE	DE	ESCRIPTION OF THE WORK P	ERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE
3/ 3	3	21.183 and all mandatory change and tested on 7-12-04 Pressure System was inspected have been inspected and tested	and found in compliance with the rages. The Transponder S/N 89[03] and is in compliance with the FAR and tested on 7-12-04 The A and are in compliance with FAR 9 feet. ADC 4780-734 D	191.413. The Static DC and Altimeter(s) 1.217 and 91.411 to	& NUMBER
31 3		Altimeter(s) L 45/46		1 207D Standard	900ARF1001290E
10THS					& NUME
Date: 01-Se Service Orde		6 Aircraft Serial	l: 18281841 Regi	KS 67301 • Repair Station stration: N6064A bbs: 5.5	I97R796N Cessna A Textron Company
and installed • [ITEM 2]- Reand installed	P/N D emove P/N D	120167-L, S/N 13342 d and replaced R/H V 120167-R, S/N 13358	7.) /OR antenna. (Compon 32.)	ent replacement: Remove	ed P/N D120167-L, S/N 120320 ed P/N D120167-R, S/N 120365 of ENTRY~~
and installed • [ITEM 2]- Ro and installed • [ITEM 3]- Po The aircraft, a Federal Aviat	P/N Demove P/N Derformed airframedion Ad	120167-L, S/N 13342'd and replaced R/H V 120167-R, S/N 13358 ed operational and funce and or appliance id liministration and is aption. S/O: 2-04641.	7.) /OR antenna. (Compon 32.) nctional checks with no entified was inspected a	ent replacement: Remove defects noted. • ~~END O and repaired in accordance of SERVICE. Pertinent details.	ed P/N D120167-R, S/N 120365
and installed • [ITEM 2]- Re and installed • [ITEM 3]- Pe The aircraft, a Federal Aviat file at the rep	P/N Diemove P/N Dieforme airfram tion Ad air sta	120167-L, S/N 13342'd and replaced R/H V 120167-R, S/N 13358 ed operational and fune and or appliance id Iministration and is aption. S/O: 2-04641.	7.) /OR antenna. (Compon 32.) nctional checks with no entified was inspected a proved for RETURN TO Repair Station: 197R79	ent replacement: Remove defects noted. • ~~END O and repaired in accordance of SERVICE. Pertinent details.	ed P/N D120167-R, S/N 120365 F ENTRY~~ e with current regulations of the ails of the repair/inspection are o
and installed • [ITEM 2]- Re and installed • [ITEM 3]- Pe The aircraft, a Federal Aviat file at the rep	P/N Diemove P/N Dieformairfram tion Advair sta	120167-L, S/N 13342'd and replaced R/H V 120167-R, S/N 13358 ed operational and fune and or appliance id Iministration and is aption. S/O: 2-04641.	7.) /OR antenna. (Compon 32.) nctional checks with no entified was inspected a proved for RETURN TO Repair Station: 197R79	ent replacement: Remove defects noted. • ~~END O and repaired in accordance of SERVICE. Pertinent details.	ed P/N D120167-R, S/N 120365 F ENTRY~~ e with current regulations of the ails of the repair/inspection are of the second secon
and installed • [ITEM 2]- Reand installed • [ITEM 3]- Period of the control of	P/N Demove P/N Deformed airfram tion Ad air sta SERVICE Air ()	120167-L, S/N 13342 d and replaced R/H V 120167-R, S/N 13358 ed operational and ful le and or appliance id liministration and is ap tion. S/O: 2-04641. Inspect	7.) /OR antenna. (Compon 32.) nctional checks with no entified was inspected a proved for RETURN TO Repair Station: 197R79	ent replacement: Remove defects noted. • ~~END O and repaired in accordance of SERVICE. Pertinent details.	ed P/N D120167-R, S/N 120365 F ENTRY~~ with current regulations of the ails of the repair/inspection are of the second
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and installed [ITEM 2]- Re and installed [ITEM 3]- Pe The aircraft, Federal Aviat file at the rep IN HOU YINGLING Comments AA AA AA	P/N Demove P/N Demove P/N Deformed P/N Defor	120167-L, S/N 13342 Id and replaced R/H V 120167-R, S/N 13358 ed operational and fur is and or appliance id iministration and is ap tion. S/O: 2-04641. Insi Cessna 182T LLED EQUIPMENT: M: NAT Radio Interface U Astron DC to DC Con Motorola MCS2000 T NAT Radio Interface U Astron DC to DC Con Motorola Spectra Tran Motorola Controller INAT Radio Interface U Astron DC to DC Con Motorola Spectra Tran Motorola Controller INAT Radio Interface U Astron DC to DC Conv Kenwood FM Transcei Kenwood FM Transcei Kenwood FM Transcei Comant Antenna CI 292- Comant Antenna CI 105- Antenna Development VI see Yingling Aviation re in sheet dated Oct 4, 20 CRS	7.) /OR antenna. (Compon OZ.) nctional checks with no entified was inspected a proved for RETURN TO Repair Station: 197R79 pector Signature and State Registration N6064A Unit AA34-300 nverters P/N N2412-12 fransceiver P/N M01HX+824 Unit AA34-300 nverters P/N N2412-12 ssceiver P/N DA7KX+067W Init AA34-300 verters P/N N2412-12 iver P/N TK630H io Panel P/N 066-01055-0070 3 -20 HF Antenna P/N AV-23 evised Weight and Balar 0006. S Number	ent replacement: Remove defects noted. • ~~END O and repaired in accordance SERVICE. Pertinent det office. Serial Number 18281841 accedated Oct 4, 2006 and Work Order Number	ed P/N D120167-R, S/N 120365 F ENTRY~ with current regulations of the ails of the repair/inspection are of the second s
and installed [ITEM 2]- Re and installed [ITEM 3]- Pe The aircraft, s Federal Aviat file at the rep VINGLING Comments	P/N Demove P/N Demove P/N Deformed P/N Defor	120167-L, S/N 13342 Id and replaced R/H V 120167-R, S/N 13358 ed operational and fur is and or appliance id iministration and is ap tion. S/O: 2-04641. Insi Cessna 182T LLED EQUIPMENT: M: NAT Radio Interface U Astron DC to DC Con Motorola MCS2000 T NAT Radio Interface U Astron DC to DC Con Motorola Spectra Tran Motorola Controller INAT Radio Interface U Astron DC to DC Con Motorola Spectra Tran Motorola Controller INAT Radio Interface U Astron DC to DC Conv Kenwood FM Transcei Kenwood FM Transcei Kenwood FM Transcei Comant Antenna CI 292- Comant Antenna CI 105- Antenna Development VI see Yingling Aviation re in sheet dated Oct 4, 20 CRS	7.) /OR antenna. (Compon OZ.) nctional checks with no entified was inspected a proved for RETURN TO Repair Station: 197R79 pector Signature and State Registration N6064A Unit AA34-300 nverters P/N N2412-12 Fransceiver P/N M01HX+824 Unit AA34-300 nverters P/N N2412-12 ssceiver P/N DA7KX+067W Init AA34-300 verters P/N N2412-12 iver P/N TK630H io Panel P/N 066-01055-0070 Id Panel P/N 066-01055-0070	ent replacement: Remove defects noted. • ~~END O and repaired in accordance of SERVICE. Pertinent details. Serial Number 18281841	ed P/N D120167-R, S/N 120365 FENTRY~ with current regulations of the ails of the repair/inspection are of the ails of the a

December 12, 2006 N120HP S/N 18281841 TACH: 60.3

Removed tail number N6064A and replaced with N120HP. Removed and replaced Multifunction display. Removed and replaced tach generator. All work done IAW manufactures maintenance manual and has been approved for return to service in regards to the work preformed.

GREG HARRIGILL AP 003174848 IA

WOODWAR

AVIATION

DATE: 12/6/006 HOBBS TIME: 62.1

CHANGED OIL AND FILTER. INSTALLED 10 OTS. AEROSHELL W100. ENGINE WASHED AND GROUND RUN. NO DEFECTS

DEC 27, 2006 N120HP S/N 18281841 TACH 77.9 TT 77.9

1) COMPASS LIGHT INOP: removed compass light assy and adjusted contacts, operational check.

2) TRANSPONDER INOP: Reconfigured transponder per Garmin G-1000

Line MM operational check OK.

3) TACHOMETER INTERMITANT: Removed cannon plug from tach generator and found multiple wire loose and or broken, repaired wires, operational check was OK

All above mentioned work was done I/A/W the manufacturers service manuals and this aircraft is OK for return to service in regards to work performed.

Christiansen Aviation Inc. RV

Removed Primary Servo (roll) (P/N: 065-00179-0100 S/N: 12089). Installed exchange Roll Servo (pn: 065-00179-0100, sn: 1426). Ops check okay. Repair Facility **CRS Number Work Order Number** Yingling Aircraft, Inc Aircraft Total Time YN8R621Y AVI6492 FHM: 137.3 ulo Inds Se Date: February 16, 2007

N120HP. 50 Hr service inspection, drained engine oil changed filter and serviced with 9quarts of Aeroshell 80. All work done in accordance with Cessna MM Chap. 12-14-02. Leak check performed, returned to service. Michaell e

A&P530753724

Comments

Tach:152.2

03-09-07

IN SEF	RVICE	DESCRIPTION OF THE WORK PERFORMED	CERTIFICATE TYPE
HOURS	10THS		& NUMBER
0197	1	INSTALLED HONTON STOL KIT STOR SACISOCE, SINTES IN ACCORDANCE WITH SUPPLIED INSTRUCTIONS AND BLAWN TEST FLEW AIRCRAFT, RETURNED TO SERVICE.	STURISZE
		SEE WORK OFDER #284 FOR DETAILS.	
	DA?	TE 05-04-2007	
		20HP. Complied with Oklahoma Highway patrol 100 Hr service	
		ection, drained engine oil, changed filter and serviced with nine	
	2.)77	ts of Aeroshell 100. Performed compression checks 1.)75/80 7/80 3.)76/80 4.)73/80 5.)70/80 6.)78/80. Replaced and gapped	
	all sp	ark plugs, checked timing. All work done in accordance with	
	Cessi	na MM and Lycoming MM Leak check performed, A/C returned	
	to ser		
		ACTT:200.0 ENGTT:200.0	
	Hel	530753724 Michael 2	The state of the s
			1 CERTIFICATE THE

Christiansen Aviation Inc.

09/06/07 Tach: 312.4 N120HP s/n 18281841

Inspected aircraft in accordance with Cessna 182 Maintenance Manual. Inspected ELT IAW FAR Part 91.207(d). ELT battery next due 04/08. Cleaned and packed all wheel bearings. Serviced and charged main ship battery. Replaced left hand nav light bulb. Replaced beacon bulb. Replaced both fuel sending units part numbers S3852-3 and S3852-4. Replaced carbon monoxide detector with p/n 452-201-006 s/n 41294. Complied with AD2007-08-03 by inspection of hoses in accordance with SB07-71-01. AD2007-05-10 is n/a to aircraft s/n. Complied with the following Cessna service bulletins SB06-24-04 circuit breaker inspection replaced 5 circuit breakers, SB06-24-05 circuit breaker panel assy. inspection no defects noted, SB07-25-04 seat base/back attach fitting modification, SB07-34-02 G1000 software upgrade, SB07-53-01 firewall sealant inspection and installed missing sealant, and SB07-71-01R1 Engine compartment fuel hoses inspection. I certify that this aircraft has been inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Toby Nicholes AP445720113IA.

11-28-2007

11-28-2007

N120HP. Complied with Oklahoma Highway patrol 100 Hr service inspection, break lining, battery level, nose strut extension, tire wear and pressure checked good.. All work done in accordance with Cessna MM and Lycoming MM.. Leak check performed, A/C returned to service.

A&P 530753724

ACTT:402.2.0 ENGTT:402.9

04-17-2007

N120HP. Complied with Oklahoma Highway patrol 100 Hr service inspection, drained engine oil, changed oil filter and serviced with nine quarts of Aeroshell 100. Cleaned and inspected Air Filter element. Performed compression checks 1.)76/80 2.)76/80 3.)72/80 4.)73/80 5.)72/80 6.)76/80. Removed and replaced spark plugs, 500 Hr. Magneto inspection done by D&B Aircraft IAW Slick Manual. Checked timing. Replaced Vacuum Pump S/N 52498. Replaced Main Tires and Tubes. All work done in accordance with Cessna MM and Lycoming MM.. Leak check performed, A/C returned to service.

A&P 530753724

ACTT:404.7 ENGTT:404.7

Michael Lane

DATE 06-23-2008

N120HP. Complied with Oklahoma Highway patrol 100 Hr service inspection, drained engine oil, changed filter and serviced with nine quarts of Aeroshell 100. Performed compression checks 1.)76/80 2.)76/80 3.)72/80 4.)72/80 5.)70/80 6.)76/80. Removed, cleaned and gapped all spark plugs, checked timing. C/W AD 2008-06 section (F) & (G), due next inspection @ 650.00 Hrs or next oil change. C/W AD2008-10-02 table2, Section (1), alt. air selector inspection. All work done in accordance with Cessna MM and Lycoming MM.. Leak check performed, A/C returned to service.

Michael Lane ACTT:600.0 ENGTT:600.0 530753724

10-14-08 N120HP S/N 18281841 Tach: 708.6 TTSN:708.6

Inspected aircraft in accordance with Cessna 182 Maintenance Manual. C/W FAR 91.207d. Replaced ELT battery, due replace Aug. 2010. Serviced nose strut. I certify this aircraft has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.

Russell Scott A&P 256259670 I.A.

CALVIN TAFF ELECTRONICS INC. (405)789-1268 R.S.IX2R914K
5601 Philip J. Rhoads Ave. Hanger #3-C Bethany, Oklahoma 73008

TXP #1 Mfg. By GARMIN M# 67×33 S# 89102726

TXP #2 Mfg. By M/A M# S# N/A

has been tested, inspected and found to comply with FAR 91.413,
Alt #1 Mfg. By GARMIN M# GDC 74 A S# 47801734

has been cert. by XXR914K on 10-14-08 to an altitude of 35 thousand feet.
Alt #2 Mfg. By United M# 593470-3 S# 451465

has been cert. by ZXIP14K on 10-14-08 to an altitude of 20 thousand feet.
Static/Encoding system has been tested, inspected and found to comply with

FAR 91.411.

Reference WO# 9492 by CC M Date 10-14-08

1/21/2009

N120HP

Tach: 806.3

Performed OHP special 100 HR. Inspection. Removed oil filter, drained oil, installed new filter and serviced with 9 qts Castrol 80 AD. Cleaned and gapped plugs. Performed compression check #1 76/80,#2 74/80,#3 74/80,#4 78/80,#5 70/80,#6 72/80. Installed Safe -Heet model 720 engine pad heater. Aircraft is approved for return to service.

Russell Scott A&P 256259670 I.A.

03/25/2009

ACTT:886.9

N120HP

Replaced all position lamps. Soldered new power wire into R/H position lamp assy. Base. Replaced middle static wick on rudder. Cleaned wire terminal on fuel transmitters.

Russell Scott A&P 256259670 I.A.

The same	MAINTENANCE RECORD					
DATE	IN SEF	TIOTHS	DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE, CERTIFICATE TYPE & NUMBER		
4:309	917	.4	NIZOTTE REPLACED Noved Gent For Bott and NUT. PORTHE ANS-SIA, AND THE MS21042LS AS PUR CESSIA MUNKAANX MARINE BRIAN SARYITI	2+P288\$730		
			S	To Alexander		
			N120HP 06/23/2009 Actt: 955.6 Performed OHP special 100hr inspection. Serviced			
	H0.0416		tires, lubed aircraft and top charged Battery. Aircraft is approved for return to service. Russell Scott A&P 3401594 I.A.			
0000	U1 871		"			

N120HP 07/21/2009

Actt: 999.3

Performed OHP special 100hr inspection. Replaced tires, lubed aircraft and top charged battery. Replaced engine air intake filter. Aircraft is approved for return to service.

Russell Scott A&P 3401594 I.A.

02/20/2010 N120HP

ACTT: 1076.0

Performed OHP annual inspection IAW FAR 43 appendix D checklist. I certify this aircraft has been inspected IAW an annual inspection and was determined to be in airworthy condition.

N120HP 05/11/2010 Actt: 1155.2

Performed OHP 100hr inspection. Serviced nose strut assy.

I certify this aircraft has been inspected in accordance with a 100hr inspection and was determined to be in airworthy condition.

Russell Scott A&P 3401594 I.A.

R.W.Sy

THS		
	1-12-2011	
	NIZOHP	
	AC++: 1757.4	
	PERFORMAD OHP 100 HR	
	SPECIAL INSPECTION: SERVICED NOSE	
	Strut, CLOMEN AIR INTAKE FILTER.	
	AIRCRAFT APPREVED FOR RETURN to	
-	Service.	
	+wsi4	
	AAP 3401594 IA	
	END-	

01/20/2011 N120HP

ACTT: 1263.2

Replaced main aircraft battery P/N: G-243. Aircraft is returned to service.

RW.SU

Russell Scott A&P 3401594 IA

03/03/2011

N120HP

ACTT: 1274.2

Performed OHP annual inspection IAW FAR 43 appendix D checklist. Replaced nose tire and tube ,5.00-5. Repaired nose wheelpant and replaced tow bolt. I certify this aircraft has been inspected IAW an annual inspection and was determined to be in airworthy condition.

CRS# CQNR149B

CHRISTIANSEN AVIATION INC. TULSA, OKLA. REF 91.411

N NO.120HP S/N 18281841 CHRISTIANSEN AVIATION INC. HEREBY CERTIFIES THAT THE ALTIMETER (S) & STATIC SYSTEM (S) HAVE BEEN TESTED, INSPECTED AND APPROVED FOR RETURN TO SERVICE IN ACCORDANCE WITH FAR 43 APPENDIX E. TO 20 K FT. THE WORK ORDER 7944 DESCRIBING WORK/INSPECTIONS PERFORMED IS ON FILE AT THIS REPAIR STATION.

DATE <u>03/10/2011</u> AUTHORIZED SIGNATURE

CRS# CQNR149B

CHRISTIANSEN AVIATION INC. TULSA, OKLA. REF 91.413

CHRISTIANSEN AVIATION INC. HEREBY CERTIFIES THAT

GTX33 ATC TRANSPONDER S/N 89105908 WAS INSPECTED,
TESTED AND APPROVED FO RETURN TO SERVICE IN ACCORDANCE
WITH FAR 43 APPENDIX F. PARAGRAPHS (a)(b)(c)(d). THE WORK
ORDER 7944 DESCRIBING THE WORK/INSPECTIONS PERFORMED
IS ON FILE AT THIS REPAIR STATION

DATE 03/10/2011

AUTHORIZED SIGNATURE (120

Date: 5/13/2011

N120HP.

ACTT: 1322.3 Hrs

Performed OHP 100 Hr service inspection. Serviced air condition system with R135a. Replace L/H window latch assembly P/N 1207066-1. ELT battery P/N BP1020 replaced, Battery due July 2013. All work done in accordance with Lycoming MM and Cessna maintenance manual. Leak check performed, aircraft approved for return to service.

A&P 3511881 IA

Widhes

Michael Lane

N120HP 07/20/2011

Performed OHP 50hr inspection. Drained oil, replaced oil filter P/N: CH48110-1 and serviced with 10qts. Aeroshell 100 W. Replaced Alternator P/N: 9910592-3 (ASG12000) S/N off: A-179127, S/N on: 51832. Alternator installed was a NEW alternator, Core was returned. Installed Cessna modification Kit MK206-77-01 Tachometer Sending Unit Replacement. Replaced 8 spark plugs REM38E for rotation and cleaning. Ran aircraft, all systems check within limits, no leaks.

Aircraft is approved for return to service.

Date: 10/07/2011

N120HP.

ACTT: 1428.6 Hrs Prop TT: 1428.6

Performed OHP 100 Hr service inspection. Removed propeller due to leak at Hub. Re-Installed same propeller(B3D36C431-C,S/N: 860718) after re-seal from "The Prop Shop". Replaced Vacuum Pump (P/N:AA3215CC, S/N: I601113). Replaced brake linings on L/H side. All work done in accordance with Lycoming MM and Cessna maintenance manual. Leak check performed, aircraft approved for return to service.

A&P 3401594 IA Russell Scott RWSY

	The Prop S		A AND CONTROL OF CONTR
	7417 N. Re		
	OKC, OK	73132	ED
HS	405-77	/3-8700	
	MODEL: B3D36C431-C	DATE: 10/07/20	
	S/N: 860718	HOBBS: 1482.6	
4	BLADE M/N - I-80VSA-1	TTSO - 1482.6	
	BLADE S/N - 1. AAE26138 2.AAI	E26139 TTSN - 1482.6	
	3. AAE26149 Resealed the above propeller as pe	WO No: 2913	•
+	No further action.		
	END		
1	How Pederson	CRS - T4PR7645	
D	Pate: 12/01/2011		
N	V120HP.		
A	CTT: 1479.7 Hrs		
	C/W Service Bulletin SB1	10100111	

A&P 3401594 IA Russell Scott 02/01/2012 N120HP.

ACTT: 1505.0 Hrs

Replaced Left & Right fuel sending units P/N:S3852-4, S/N:2786 and P/N:S3852-3, S/N:2812. Fueled aircraft and checked quanity indication for calibration. Replaced fuel flow transducer P/N: 680501K,S/N: 184735. Replaced EGT probe P/N: 86317, removed from N420HP as serviceable part..Ran aircraft and found no leaks, Aircraft approved for return to service.

A&P 3401594 IA Russell Scott

N120HP 02/04/12

ACTT: 1505.5

Replaced Carbon Monoxide detector P/N: 452-201-006OH

Aircraft is approved for return to service

04/11/2012 N120HP.

ACTT:1534.2 Hrs.

Removed and replaced L/H Main Tire and Tube. Removed and replaced L/H Landing gear Fairing P/N 0741639-9. Replaced Battery P/N G-243, S/N G02717620. Replaced L/H Exhaust pipe mount hardware. Removed and Replaced Vacuum Filter P/N B-3-5-1. Removed and Replaced L/H Wheel Pant Bracket P/N 0741647-15. Replaced L/H Step Tread P/N 0741623-4. ELT battery Due 7/2012. C/W AD2008-14-07 by visual inspection of injector fuel lines and clamps next due @ 1634.2 hrs or after fuel line maintenance. All work done IAW cessna MM. I certify this aircraft has been inspected IAW an Annual inspection and was determined to be in airworthy condition.

Midkas

Michael Lane

A&P3511881IA

10/05/2012

N120HP.

ACTT:1640.0

Complied with Oklahoma Highway patrol 100 Hr service inspection. Removed and replaced R/H Main Tire and Tube. Replaced R/H Brake Linings, P/N 66-105. Replaced Beacon Bulb, P/N H355N24. C/W AD 2002-26-01 by visual inspection of fuel lines and clamps, next due @ 1740.0 Hrs or after fuel line maintenance. All work done in accordance with Cessna MM. Leak check performed, A/C returned to service.

Michael Lane A&P 3511881 IA LOG ENTRY CESSNA 182T, N120HP, S/N 18281841, TACH; 1754.4

REMOVED MOTOROLA SPECTRA CONTROL AND REMOTE TRANSCEIVER(COUNTY), INSTALLED CUSTOMER FURNISHED KENWOOD MODEL TK-7180, (COUNTY) TRANSCEIVER.
TESTED AND REVISED WEIGHT/BALANCE, MINOR ALTERATION. REPAIR AND INSPECTION PREFORMED IN ACCORDANCE WITH CURRENT FAA REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. DETAILS OF THIS REPAIR ARE ON FILE AT THIS AGENCY UNDER W.O # 15561.
AVIONICS SERVICES INC. CRSAT2R702K, NORMAN OKLAHOMA PHILIP STEELE

DATE	TOTAL		DESCRIPTION OF THE W	VORK PERFORMED AUTHORIZED SIGNATURE
	HOURS			THIS ELT EQUIPPED WITH ALKALINE BATTERY PACK P/N BP-1030 WT. 8lbs.
		TO T	05/08/2013	REPLACE BY APR 14
2			N120HP.	MERL, INC. (203) 237-8811 P.O. BOX 188
124			ACTT:1754.5 Hrs.	MERL 1777 N. COLONY RD. MERIDEN, CT 06450 USA
0			AC11.1734.3 HIS.	MERIDEN, CT 08490 USA
			Legify this aircraft has been inspec	ected IAW an Annual inspection and
			was determined to be in airworthy of	
			was determined to be in an worting	
			Michael Lane	
			A&P3511881IA M.	-> 0
			ACCISSITIONIA POPPOR	
	-		-	THIS TRANSPONDER SERIAL NUMBER
CTAL	I ED AL	TIMETE	R, MOD. 5934PD-3	ATX HAS BEEN TESTED IN
	-1465		CERTIFIED UNDER PART 43,	ACCORDANCE WITH F.A.R. PART 43,
43		ND TES	TED AS PER 91.411	APPENDIX F, AND MEETS THE REQUIREMENT
PPENI				
	20K	F	EET ON 4/30/13	OF F.A.R.91.413
0	20K ATZRT		LO. NO. 15562	OF F.A.R.91.413
) Y:	ATZRT	OZK V	MO. NO. パラック 2 C SYSTEM TESTS REQUIRED	\mathcal{A}
Y: CERTI Y F.A.	ATZRT IFY THE .R. PAR	STATIC	1.0. NO. 15562	\mathcal{A}
Y: CERTI Y F.A.	ATZRT	STATIC	NO. NO. 15562 C SYSTEM TESTS REQUIRED	DATE: 4/30/13 SIG. M

09-11-2013 N120HP

Actt: 1825.0

Engine TT: 1825.0

Replaced Alternator control unit AC2101. Replaced Tach drive sending unit MK206-77-01. Replaced nose gear tow bolt. Ran engine and found no leaks. Aircraft is approved for return to service.

Russell Scott A&P 3401594 IA

10-17-2013

N120HP

Actt: 1858.4

Engine TT: 1858.4

Performed OHP 100 hr inspection.

I certify this aircraft has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition.

Russell Scott A&P 3401594 IA

DATE: 01/03/2014

N120HP

ACTT: 1896.4 Hrs

Engine since new: 1896.4 Hrs

Complied with Oklahoma Highway patrol 50 Hr service inspection, drained engine oil, changed filter and serviced with nine quarts of Aeroshell 80. Removed and replaced Standby Battery, P/N s4236-7, S/N 13J833. All work done in accordance with Cessna MM and Lycoming MM. Leak check performed, Aircraft returned to service.

Michael Lane A&P3511881 IA N120HP
Actt: 1950.8
Engine TT: 1950.8
Performed OHP 100 hr inspection. Replaced ELT battery. New ELT batt.
Due April 2016.
I certify this aircraft has been inspected in accordance with a 100 hr inspection and was determined to be in airworthy condition.
Russell Scott A&P 3401594 IA

N120HP 06-24-2014 Actt: 2015.7

Engine tt: 2015.7 Propeller tt: 2015.7

*C/WAD 13-11-11 Oil pressure switch by inspection.

*C/W FAR 91.207(d) ELT test and inspect. New battery due Mar, 2016

Performed Annual inspection in reference to CFR 43

Appendix"D". Replaced R/H wingtip strobe. Replaced L/H main tire and tube (6.00x6 Goodyear FLIII). Replaced hand held fire extinguisher. Replaced Donaldson engine air filter P/N: P106150.

I certify this aircraft has been inspected inaccordance with an Annual inspection and was determined to be in airworthy condition.

N120HP 01-06-2015 Actt: 2079.0 Engine tt: 0.0

Propeller SMOH: 0.0

Removed Lycoming IO-540-AB1A5, S/N: L-31270-48E and installed Factory Rebuilt Engine IO-540-AB1A5, S/N: RL-17040-48E. Engine came with build order # AR598569 from Lycoming with new Magnetos, Ignition harness', Injectors, fuel pump, fuel control and spark plugs.Removed Prop Governor P/N: DC290D1-F/T8, S/N: 060690 and reinstalled after Overhaul by Quality Aircraft W.O # WO1170017875. Replaced Prop control P/N: MC9862067-1, Throttle control P/N: MC9863055-9 and Mixture control P/N: MC-600-72. Ran aircraft and found to be operating within factory limits with no leaks. Approved for return to service.

PPENDIX E AND DO 20k AT2A702 FATIFY THE ST	CERTIFIED UNDER PART 43, D TESTED AS PER 91.411 FEET ON 5/14/15 W.O. NO. 16.074 TATIC SYSTEM TESTS REQUIRED 1.411 HAVE BEEN PERFORMED CRS AT2R702K	INSTALLED ALTIMETER, MOD. 5934 PD-3 STBY S/N 45/465 CERTIFIED UNDER PART 43, APPENDIX E AND TESTED AS PER 91.411 TO 20k FEET ON 5/14/8 BY: ATZATOZK W.O. NO. 16074 I CERTIFY THE STATIC SYSTEM TESTS REQUIRED BY F.A.R. PART 91.411 HAVE BEEN PERFORMED THIS DATE: 5/14/5 SIG. 4776 CRS ATZRTOZK
	THIS TRANSPONDER SERIA Gtr 37 / To Str 40 / 10. A/LHAS BEEN ACCORDANCE WITH F.A.R. APPENDIX F, AND MEETS T OF F.A.R.91.413 DATE: 5 / 14/15 SIG. 16/16 CRS AT2R702K AVIONICS SERVICES INC. NORMAN, OKLAHOMA	N TESTED IN PART 43, HE REQUIREMENTS

N120HP

07-01-2015 Actt: 2167.2

Engine tt: 88.2

Propeller SMOH: 88.2

*NOTE: AD 13-11-11 Oil pressure switch due Replace @ Actt: 5079.0
*C/W FAR 91.207(d) ELT test and inspect. New battery due Mar, 2016

Performed Annual inspection in reference to CFR 43

Appendix"D". Replaced tail beacon bulb.

I certify this aircraft has been inspected inaccordance with an Annual inspection and was determined to be in airworthy condition.

Russell Scott A&P 3401594 JA

10-27-2015

N120HP

Actt: 2264.0

Replaced Alternator P/N: 9910592-3. Removed S/N:

H-N080258 Installed S/N: A159184. Aircraft approved for return to

service, Russell Scott A&P 3401594 IA



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: Oklahoma Highway Patrol Aircraft Division / Attn Mick Lane 2320 Newton Drive Norman, OK 73069

Work Order:

AV15-04511 (405)321-1831

Opened: 11/06/2015 Closed: 11/19/2015

Aircraft Number:	N120HP	Ty	/pe:182T		S/N: 18281841
Total Tir	ne:	Hobbs Time:	2,388.4	Tach Time:	
Discrepancy: 1				THE RESERVE OF LABOR.	LG Cycles:

Removed the pitch and roll servos. Problems were found in the pitch servo but not something that would cause the autopilot to not function. Scheduling to get the aircraft to return for further troubleshooting.

Discrepancy: 2

Action Taken:

Removed autopilot pitch and roll servos for bench check.

NOTE: Bolled the capstans in place and closed panels that were removed to access the servos. Labeled the autopilot control unit as "inop" and released the aircraft to the customer after explaining what had been done.

Discrepancy: 3

Action Taken:

PRELIMINARY INSPECTION: Tach motor has spikes both ways and fails R-M sensing. Trim sensor output needs to be calibrated and is slightly out of specification but not enough to cause preflight failure problem. Tach motor has spikes. WORK NEEDED: Unit needs to have the tach motor replaced and the trim sensor set to manufacturers recommended

WORK PERFORMED: Replaced tach motor. Bench checked servo ok and certitled in reference to report number CA-9-REV0-2000.

Part Number	Description	Credit	Quantity Units	Unit Price	Extended
148-05187-0100	Tach Generator		1.00 Each	5 5	LAterided

Discrepancy: 4

Action Taken:

PRELIMINARY INSPECTION: Bench checked good, motor starting voltage is +-1.5.

WORK PERFORMED: Bench checked servo ok and certitied in reference to report number CA-9-REV0-2000.

Discrepancy: 5

Action Taken:

Reinstalled the autopilot pitch servo and roll servo for ground check.

Discrepancy: 6

Action Taken:

Troubleshoot the KAP-140 autopilot system. Installed laptop interface to autopilot. Checked error logs and found error code #5 indicating a problem with the configuration module or the programming. Reinstalled the proper certification file and the autopilot now passes pre-flight fail problem. Checked and set the installation offset values as per the maintenance manual and system ground checks good.

Discrepancy: 7

Action Taken:

No setup flight will be performed. Aircraft passes ground check and will be released to the Oklahoma Highway Patrol.

Miscellaneous Charges:

Misc Supplies: \$

Totals:

\$ SubTotal:

Charges:
The articles and/or work hereon described is/are certified

Printed: 11/19/2015 Work Order: AV15-04511

Page: 1 of 2

Autopilots Central, Inc. 3112 North 74th East Avenue

airworthy (unless otherwise specified)
Autopilots Central, Inc.
FAA QRS OM2R747K

Authorized Signature

Parts installed may be FAA/PMA'd or STC's parts and not of "Original Equipment Manufacture" (OEM) and as such are not covered by the OEM's Warranty.

N120HP

11-10-2015

Actt: 2264.0

*NOTE: AD 13-11-11 Oil pressure switch due Replace @ Actt: 5079. Performed OHP 100hr inspection.

I certify this aircraft has been inspected in accordance with a 100hr inspection and was determined to be in airworthy condition.

Russell Scott A&P 3401594 IA

N120HP

05-06-2016

Actt: 2447.9

Removed airframe electric fuel pump P/N: A8160-D, S/N: 114795 and reinstalled after overhaul by Quality aircraft WO# 014824. Approved for return to service.

Russell Scott A&P 3401594 IA

N120HP 03-16-2016

Actt: 2373.1

*NOTE: AD 13-11-11 Oil pressure switch due Replace @ Actt: 5079.
Performed OHP 100hr inspection. Replaced back-up Avionics (standby) battery P/N: S4236-7.

I certify this aircraft has been inspected in accordance with a 100hr inspection and was determined to be in airworthy condition.

N120HP 09-30-2016

Actt: 2500.2

Engine tt: 421.2

* C/W AD 15-19-07 Fuel lines inspect, Due again @ Actt: 2610.2
Performed Cylinder compression check with the following results:#1 78/80,#2 78/80,#3 78/80,#4 78/80,#5 78/80,#6 78/80. Drained oil, replaced oil filter P/N: CH48110-1 and serviced engine with 8 qts. Aeroshell 100W oil.

I certify this Engine has been inspected in accordance with a 100 hr. inspection and was determined to be in airworthy condition.

Russell Scott A&P 34015941A

N120HP

03-10-2017 Actt: 2560.0

Replaced Main aircraft battery P/N: 7423-16, S/N: G02955857. Approved for return to service.

TOTAL IN SER	
OURS	10THS

N120HP 04-07-2017 Actt: 2569.8

Replaced 4 fuel sump drains on L&R wings and 1 sump drain on belly P/N: CCA-2900. Rebuilt 2 sump drains P/N: ITA-127 and reinstalled. Drained all fuel from selector fwd, removed fuel screens, cleaned and resealed Gascolator. Repaired 2 nut plates on L/H wing tip fasteners and installed new hardware. Replaced nose gear wheel fairing upper close out P/N: 0743625-17. Removed lower nose gear airframe belly fairing, drilled and taped 3 nut plates. Secured fairing with new hardware.

Approved for return to service.

Russell Scott A&P 3401594 LA

N120HP 06-02-2017 Actt: 2597.7

Performed OHP 100 hr inspection. Replaced #4 Cylinder EGT probe. I certify this Aircraft has been inspected in accordance with a 100hr inspection and was determined to be in airworthy condition.

THIS TRANSPONDER SERIAL NUMBER

89102726 HAS BEEN TESTED IN

ACCORDANCE WITH F.A.R. PART 43,

APPENDIX F, AND MEETS THE REQUIREMENTS

OF F.A.R.91.413

DATE: 8/8/17 SIG. flat flat

CRS AT2R702K

AVIONICS SERVICES INC.

NORMAN, OKLAHOMA

10-05-2017 N120HP Actt: 2665.6

N 120 HP

Replaced L & R main tires and tubes P/N: FCII 6.00 x 6.

Replaced L & R brake linnings, 8 ea. P/N: 66-105. Removed L & R horizontal to empennage fairings, cleaned, inspected, installed fiberglass chafe tape and re-installed fairings. Replaced worn rivet on L/H wing leading edge cuff underside, outboard of landing light. Aircraft is approved for return to service. Russell Scott A&P 3401594 IA

RWSZH

N120HP

11-17-2017

Actt: 2693.7

Engine tt since new: 614.7 Propeller SMOH: 614.7

NOTE: AD 13-11-11 Oil press switch due replacement @ Actt: 5079.0 NOTE: AD 17-16-11 Connecting rods N/A - Not installed on engine C/W AD 15-19-07 Fuel Injector lines Due again in 110 hrs. @ 2803.7 C/W FAR 91.207(d) ELT test and inspect. New battery due June, 2018

C/W SB-008 Tempest 600 hr. check. Pump passed insp. Due again at 3093.7 Performed Annual inspection in reference to 14 CFR 43 appendix D and OHP Annual inspection checklist. Replaced engine fresh air intake filter P/N:

P106150.

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

HOURS 10THS	Marite REPLACE	OD LEAKING FUEL	PE
11-4-18 2787,10	101001.	MIDPLE AFT SUMP,	
1 (10)	PIN: SA82, REPAIR IS	APPRINTED FOR RETURN	
	TO SERVICE, A&P 340		
S/N 47 8067 34 APPENDIX E, AND TE 20 K F	CERTIFIED UNDER PART 43, CERTIFIED UNDER PART 43, CESTED AS PER FAR 91.411 TO EET ON 4 13 18 BY	INSTALLED ALTIMETER, MODEL 593 S/N 45/4 65 APPENDIX E, AND TESTED AS PER FA 20 K FEET ON 4/13 AT 28702 K W.O.# LI	R 91.411 TO //8 BY 6631
F.A.R. PART 91.411, DATE //13/18 AVION NORI	ICS SERVICES INC. O MAN, OKLAHOMA RSAT2R702K	I CERTIFY THE STATIC SYSTEM TEST F.A.R. PART 91.411, HAVE BEEN PREFI DATE 4/13/2018 SIG. FALLIN AVIONICS SERVICES NO. NORMAN, OKLAHOMA CRSAT2R702K	Chel
NIZOHP	PED	STBY	

N120HP 05/02/2018 ACTT:2797.0

C/W: AD2011-10-09 Seat Rail Inspection.

C/W: AD 13-11-11 Oil Press Switch due replacement @ 5079.0

Performed Annual inspection in reference to 14 CFR 43 appendix D and OHP Annual inspection checklist.

I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Michael Lane A&P 3511881 IA

HOURS 10THS AN 35(188) JA 08/01/2018 N120HP

ACTT: 2808.7 Hrs

Removed and replaced ELT battery PN: BP-1030. All work done in accordance with Cessna MM. ELT battery due December, 2019.

A&P 4055175

Shelton Montgomery

08/29/2018 N120HP

ACTT: 2898.5 Hrs

Performed OHP 100 Hr service inspection. Removed and replaced tail beacon bulb P/N: 34-0041987-02. All work done in accordance with Cessna maintenance manual. Leak check performed, aircraft approved for return to service.

A&P 4055175 Shelton Montgomery

Aircraft Model: 182T		Serial Number:	18281841		Registration: N6064A		
Service Information Number	Description	Complied With Date/Time	Method of Compliance or Applicability Sta	tus	Once or Recur	Next Due Date/Time	
	Oil Filter Change/Content Inspection		Oil filter was cut open and paper element inspected. Nothing abnorm filter installed and engine ground run for leak check.	al noted. New	Recur	Tach 27.2	
	Fuel injector line clamp and routing inspection.		First visual inspection complied with per Lycoming Service Bulletin 3- receiving airwothiness certification.	12E prior to	Recur	Every 100 hours, aunual inspection maintenance.	

09/06/2018 N120HP

ACTT: 2898.6

Installed SlickStart Magneto Start Booster P/N: SS1001 S/N: 15036780 Work done in reference too SL2-96 installation manual.

Shelton Montgomery

A&P: 4055175

09/11/2018 N120HP ACTT: 2898.7

Removed and replaced oil temperature switch P/N: S2335-1. Removed and replaced tail beacon light P/N: 01-0771560-00 S/N: 01385. Performed runup, oil temperature gauge is working properly. Work done in reference too Cessna Maintenance Manual.

Shelton Montgomery

A&P: 4055175

03/12/2019

N120HP

ACTT: 3006.2 Hrs

Performed OHP 100 Hr service inspection. All work done in accordance with Cessna maintenance manual. Leak check performed, aircraft approved for return to service.

A&P 4055175 Shelton Montgomery 190.06/04/2019/04/2039/6/04/ 01976/0

ACTT: 3085.9

C/W: AD 2011-10-09 Seat Rail Inspection.

C/W: AD 13-11-11 Oil Press Switch due replacement @ 5079.0

Performed Annual inspection in reference to 14 CFR 43 appendix D and OHP Annual inspection checklist. Performed inspection on Vacuum Pump in reference too Service Bulletin SB-008.

I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Michael Lane A&P 3511881 IA

10/31/2019 N120HP

ACTT: 3158.5 Hrs

Performed OHP 100 Hr service inspection. Replaced shimmy damper (P/N: SE-1068-5, S/N: LK02260). Replaced Tachometer Sending Unit Tang (P/N: 11022). Replaced induction filter (P/N: 08-06023). Replaced fitting (P/N: 0743606-2). All work done in reference with Cessna maintenance manual. Leak check performed, aircraft approved for return to service.

A&P 4055175 Shelton Montgomery

Aircraft Model: 182T		Serial Number:	18281841 R	Registration: N6064A		
AD Number	Description	Complied With Date/Time	Method of Compliance or Applicability Status	Once or Recur	Next Due Date/Time	
84-26-02	Paper air filter	Pre-AW	Installed new filter	Recur	500 Hrs. TIS	
02-26-01	Fuel injector line clamp and routing inspection.	Pre-AW	Visual inspection accomplished during flight test process.	Recur	Every 100 hours, annual inspection, maintenance.	
pliance verified	at time of delivery.	1	(197	R796N		

01/09/2020 N120HP

ACTT: 3185.3 Hrs

Replaced ELT battery (P/N: BP-1030). ELT battery due replacement January 2022. Removed and replaced Main Battery (P/N: 11-04951, S/N: 41057579). All work done in reference with Cessna maintenance manual and MERL, INC. installation instructions (083181). Aircraft is approved for return to service.

Shelton Montgomery

A&P 4055175



03/03/2020

N120HP

LIANO

ACTT: 3187.8

Removed Pitch Servo (P/N: 065-00178-2200, S/N: 9619) and had overhauled by Mid-Continent Instruments and Avionics, re-installed back on aircraft. Refer to invoice number 500426178 for further details. Removed and replaced 8 rollers on pilot seat (P/N: CM2941-1). Removed lock assembly control on pilot seat (P/N: SPL1925-1) and replaced. Removed and replaced cover assembly console (P/N: 0713811-28) All work done in reference with Cessna Maintenance Manual. Aircraft is approved for return to service.

Shelton Montgomery A&P 4055175

06/03/2020 N120HP

ACTT: 3203.7

C/W: AD 2011-10-09 Seat Rail Inspection.

C/W: AD 13-11-11 Oil Press Switch due replacement @ 5079.0

Performed Annual inspection in reference to 14 CFR 43 appendix D and OHP annual inspection checklist. Removed and replaced co-pilot side tire (P/N: 606C61B1, S/N: 00035341), and tube (P/N: 302-246-401). Removed and replaced 2 O-Ring's in both Pilot side and co-pilot side brake calipers (P/N: MS28775-222).

I certify this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition.

Michael Lane

A&P 3511881 H

09/14/2020 N120HP

ACTT: 3309.2 Hrs

Performed OHP 100 Hr service inspection. All work done in reference with Cessna Maintenance Manual, Leak check performed, aircraft approved for return to service.

A&P 4055175 Shelton Montgomery

11/18/2020

N120HP

ACTT: 3359.3

Removed and replaced both LH Tailpipe (P/N: A9954200-

11, S/N: 90687) and RH Tailpipe (P/N: A9954200-12, S/N:

90687). All work done in reference with Cessna Maintenance

Manual. Aircraft is approved for return to service.

Shelton Montgomery

A&P 4055175

12/16/2020 N120HP

ACTT: 3388.7

Removed Oil Pressure Transducer (P/N: P165-5281) and replaced with (P/N: P265-5037-1). All work done in reference with Cessna Maintenance Manual. Aircraft is approved for return to service.

Shelton Montgomery

A&P 4055175