

RH TP3910E

# AIRCRAFT TECHNICAL LOGS

Section 3. ENGINE

Second Edition

January 1987

Canadä

# ENGINE LOG

•	Make	TELEDYNE/CONTINENTAL
	Model	T510-520-NB
	Specification	TC #E8CE
•	Manufacturer's Serial Number	509541
	Date of Manufacture	6 APRIL 94
	Aircraft Inspection Cycle	50/100/200

INSTALLATIONS, INSPECTIONS. TIME SINCE OVERHAUL TIME HUN MIN. HRS. MIN-DATE HRS. THIS ELGIVE MEMPLED DU C-FDYS PH 3 An new Engine THAT failers in Parse. BROUGHT FORWARD 00 00 VICED WITH 121 Of Type "M" MINGHAL Appa 4194 ho to be Opensties me this use to Asper TAP & DIST BI EVECON 10 30 07 30 50 HRS INSP TO AS PER TAP Q 2154-RI ENGCON 22-04-94 OLEGNAD, PECAPORD TESTED, POTATED, 56 25 46 55 19-06-94 100 HRS INSP TO BS PERTAPO DIST-RI- ENE-CON. PLEANED PLEATED TOSTED SOTIATED, MAKES 110 10 53 45 08-09.94 4-15 5-27 6-75 606 6800 UN FOUND SONE INSPERO ASTER QUISTRI A.P. ENGINE James Trong Regissent Romes. 59 25 4 JAN 95 DEPATTUR. 200 HP INSPC/6 ASPERDO 15-181 A.I.P. FIXER 40 BELLICED SPAR PLUS CLOQUED TESTED, CT APRIL 95 57 206 05 CONTEST +1-70 3-74 #3-74 #4-76 BINE FRO TO BE OPERATE Mornelly 50 HRS 106P 16AS PER TAPO 315-4 RIVER CON CLEAVED REGARDED TESTED ROTETED END 157 20 10 10 JULY 95 30 OPERATING NURMALLY IDAHRS 1450 % AS PORTODO 215+B1-ENG-LONGING 24 NOV 95 CLEANED RECEIPED TESTED ROTATED MES 675 EUE DEPUEDES PLE CARRIED FORWARD TOTAL THIS PAGE TOTAL FROM PREVIOUS SUMMARY TOTAL SINCE MEG.

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REPAIRS, ADJUSTMENTS, MODIFICATIONS	SIGNATURE	LICENCE
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Engine Total Time: 5541.35 Since Remanufacture: 602.55 Date: 10-21-97

Waco Regional Airport

#### Series I TCM TSIO-520-NB S/N 509541

Above referenced engine disassembled to facilitate a crankcase change. Installed heavy style case p/n 1157-18L, s/n 7B223. Referenced serviceable tag from Engine Components, Inc. dated 8-5-97. Engine modified by installation of oil pick-up tube p/n 1707-28 per RAM Dwg. No. 1707 Rev. G dated 12-1-96. Installed RAM modified oil pump p/n 1825-4 per Dwg. No. 1825 dated 11-2-95. Crankcase oil pump inlet/pick-up tube interface modified per RAM Dwg. 1891, Rev. A, dated 1-8-97. Installed per STC SE09281SC. Installed crankshaft p/n 642396 s/n D014. Reference serviceable tag from AEA dated 10-1-97. C/W SB MSB96-10 per ultrasonic inspection Installed camshaft p/n 1058-3WL, S/N B94027 and lifters p/n 653888 (Int) and 6538777 (E.i.). Installed modified connecting rods p/n 1162-1 with bearings p/n AC630826M010R per STC SE4327SW as FAA-PMA approved replacement New TCM p/n 646592A2 main bearing set installed per overhaul manual. Reused customer's cylinders. Cylinder hold down nuts replaced and torqued per Overhaul Manual Supplement. Engine reassembled with all new gaskets and seals in accordance with TCM Service Manual X-30574A. Installed Prestolite starter p/n MHJ4003, s/n 3050599X. Installed fuel pump p/n 632818-11A3, s/n K108815RB. Removed and replaced existing Tanis Heater System p/n TAS100. All existing accessories installed in their respective positions with respective time in service. Accessories include fuel injection system, starter adapter, alternator, propeller governor, magneto and ignition harness. SB94-8 on magneto timing procedure c/w per timing to data plate requirements with TDC locator and protractor with pointer. AD 91-19-03 is n/a per code date of Champion oil filter p/n CH48108. Engine ground run un test stand per RAM Specifications for one (1) hour. Engine approved for return to service for installation and RAM Aircraft test flight procedures. Pertinent details on file under work order 2989

RAM Aircraft Corporation P.D. Box 5219, Waco Teres 76708 CRS VA1R551

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		The ma	integance	described	above has been performed in accordance with the applicable standards of airworthiness
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	essna 414 C FDVS	9	Gelen	2015710
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v	ork report			_
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1)	100 hrs inspection carried out as per Cessna C	orporation inc		
3)	new GILL battery installed both firewall clean and re-sealed			
4)	R/H engine I/h corner exaust pipe replaced by	overhauled one ( to	G attach )	
5)	L/H engine westgate valve remove to carried of engine compartment	out better cleaning o	f rear	-
6)	All lights checked for proper operation			
	L/H gear door hinges replaced	HE MAINTENANCE DE EEN PERFORMED IN A HE APPLICABLE STANI IRWORTHINESS	SCRIBED ABOVE H CCORDANCE WITH DARDS OF	AS
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- 15 Dec 2001

	TIME RUN		SINCE	INSTALLATIONS, INSPECTIONS,	
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	nan, GA 30263			TE: 11-30-02 TSMOH:	_
				W Cessna 414 Inspection Guide.	0.5
				to RAM IV modification IAW STC. SE43275W,	
				awing #1622 and increase max takeoff weight to	
				bs, and increase max continuous power to 325 HP.	
Install	ation IAW RA	M Limi	ted Par	rtnership STC SA3479SW. Aircraft equipped with	
				g instruments re-marked for STC: Tack Indicator	
				erhauled, Manifold Pressure Gauge PN/66206-0101 h tested, Pilots Airspeed Indicator PN/C661040-	,
	N/234/9•Tange	market	I Denci	n tested. Phots Allsbecd ilidicator i iv Cooroso-	
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0105, SN/T1	SN/413-range r	marked,	bench	tested, Co-Pilots Airspeed Indicator PN/2052-4NP,	_
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	W A DIAGONAL LINE THROUGH AN	ITS, MODIFICATIONS Y UNUSED LINES IN DATE AND	TIME COLUMNS.	SIGNATURE	NU
	RONIG AIR SERVICE	AFTT: 3521.0	RT ENG.		
	115A Airport RD.	HOBBS: 53.9	TSN:		
	Newnan, GA 30263	DATE: 12-4-02	TSMOH:	873.0	
		d filter serviced with 12Q	ts of aeroshel	l 100 plus ground rar	1
	no leaks noted.  2. Repaired oil leaks:	right engine, oil seperator	ruelue cover (	rackets	
		transducer PN/ 201BM,		gaskets.	+
		magneto PN/ 6320 SN/			
	5. Installed new (righ	t) magneto PN/ 6320 also	installed inli	ne filter PN/ 1396-2 f	or
	pressure air.				
	I certify this aircraft, engir				
	accordance with current F in airworthy condition.	ederal Aviation Regulation	on and has bee	n determined to be	
		144641A & L	10		
	RICKY RONIG AP25929	04464IA	3		
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	RICKY RÓNIG AP25929	04464IA	San Mari	NAME	-
Make:	RICKY RÓNIG AP25929	04464IA	Reg. No.:	N414G	-
Make: Model:	RICKY RÓNIG AP25929	04464IA	Reg. No.:	W/W/W/W/W/W/	
Model:	RICKY RÓNIG AP25929  Continental TSIO-520-NB	AIR SERVICE		03/10/03	
Model: Serial No.:	RICKY RÓNIG AP25929  Continental TSIO-520-NB 509541	AIR SERVICE The Aviation Professionals	Date: W/O No.:	03/10/03	
Model:	RICKY RÓNIG AP25929  Continental TSIO-520-NB	AIR SERVICE	Date:	03/10/03	
Model: Serial No.:	Continental TSIO-520-NB 509541 HOBBS 82.1	AIR SERVICE The Aviation Professionals	Date: W/O No.:	03/10/03	
Model: Serial No.: Hours:	Continental TSIO-520-NB 509541 HOBBS 82.1	AIR SERVICE The Ariation Professionals Log Book Entry mary of work accomplished.	Date: W/O No.:	03/10/03	
Model: Serial No.: Hours: Installed new Ran engine,	Continental TSIO-520-NB 509541 HOBBS 82.1 Su MIL-H-6000 5/8 hose on vacuum syste	AIR SERVICE The Aviation Professionals Log Book Entry many of work accomplished, m control valve. pprovator Return to Service	Date: W/O No.: Page:	03/10/03 40615	
Model: Serial No.: Hours: Installed new Ran engine,	Continental TSIO-520-NB 509541 HOBBS 82.1 Su MIL-H-6000 5/8 base on vacuum syste	AIR SERVICE The Aviation Professionals Log Book Entry marry of work accomplished, m control valve.	Date: W/O No.: Page	03/10/03 40615 1	
Model: Serial No.: Hours: Installed new Ran engine,	Continental TSIO-520-NB 509541 HOBBS 82.1 Su MIL-H-6000 5/8 hose on vacuum syste performed leak check. A been performed in accordance with the	AIR SERVICE The Aviation Professionals Log Book Entry marry of work accomplished, m control valve.  pproval for Return to Service applicable manufacturer's maintenance applicable manufacturer's maintenance applicable manufacture of the proceedings of the procedure of the proced	Date: W/O No.: Page	03/10/03 40615 1	
Model: Serial No.: Hours: Installed new Ran engine,	Continental TSIO-520-NB 509541 HOBBS 82.1 Su MIL-H-6000 5/8 base on vacuum syste	AIR SERVICE The Aviation Professionals Log Book Entry marry of work accomplished, m control valve.  pproval for Return to Service applicable manufacturer's maintenance applicable manufacturer's maintenance applicable manufacture of the proceedings of the procedure of the proced	Date: W/O No.: Page  instructions and if heurrent FAA regular k order	03/10/03 40615 1  functionally checked for lations and is approved	
Model: Serial No.: Hours: Installed new Ran engine,	Continental TSIO-520-NB 509541 HOBBS 82.1 Su MIL-H-6000 5/8 hose on vacuum syste performed leak check. A been performed in accordance with the	AIR SERVICE The Aviation Professionals Log Book Entry marry of work accomplished, m control valve.  pproval for Return to Service applicable manufacturer's maintenance applicable manufacturer's maintenance applicable manufacture of the proceedings of the procedure of the proced	Date: W/O No.: Page	03/10/03 40615 1  functionally checked for lations and is approved	
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INSTALLATIONS, INSPECTIONS,

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE

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	RON	IG AIR	SERVI	CE	HOBB	0.05 6	TSN			_ 7
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	in oin	vorthy c	conditio	n		Wh	AL	_		
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S& SAVI	ATION	00 0	R)		MODEL:	TSIO-520-NB			01-01-04	-
CHERON	KEE CO	UNTY	AIRPO	RT A	C REG:	N414G		TACH:	123.2	
1800 AIR	PORT	DRIVE		A	/C S/N:	414-0024		TOTAL:	5887.7	
BALL GR				E	NG S/N:	509541		SMOH:	948.9	
									on along to	
OIL DRAIN	D. FILTER	REMOV	ED AND	CHECKE	D. SERVICE	D WITH AEROSHE	LL W-100 OIL	AND CH481	09 FILTER.	
COMPRESS	IONS: #1-	74. #2-7	3, #3 72	. #4-75.	#5-78, #6-7	OOL SALEKDOIST	OVERHAULE	D BY CONS	OLIDATED	
WASHED T	EST RAN.	AND CH	ECKED F	OR LEAR	S. ENGINE	INSPECTED IAW	AN ANNUAL	INSPECTION	. ENGINE	
PERFORMA	NCE ACC	EPTABLE	TRETUR	NED TO	TRVICE.					
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Aircraft, Limited Partnership • Waco Region	onal Airport		Since Overh	aul:963.1	35
TCM	TSIO-520-NB	Right Engine S/N 509541	D	ate: <u>3-19-04</u>	
					0
he above referenced engine was	s disassemble rice limits per		574A. Reus	ed crankshaft,	-
ispected and reassembled to sen- armshaft and rod bearings. Installe 0 ultrasonic inspection. Reinstal ositions with existing time in service.) hr. Engine approved for return	d serviceable of led cylinder a e. Serviced en to service pe	ssemblies. Installed acces gine with 100W Aeroshell oil ir RAM Test flight procedur	sories in th I. Ran on test res. Engine	eir respective stand for one preserved per	
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BALL GROUND, GA.	ENG S/N:	509541	SMOH:	963.1
REMOVED ENGINE DUE TO CRACK MADE UNDER RAM WORK ORDER	ED CRANK CASE, ENGI	NE SHIPPED TO R	AM AIRCRAFT FOR REPAIRS	REPAIRS
AND IDLE SPEED. HINGING WASHI	TEST RAN, AND CH	ECKED FOR LEAK	S. RETURNED TO SERVICE	HATUKES
Wayner of Va.			CERT#: 26(2067)	

RAM Aircraft, Limited Partnersh

S& S AVIATION CO CHEROKEE COUNTY 1800 AIRPORT DRIVE

56295713 A&P IA

MAXIMUM HOURS BETWEEN OVERHAULS\_\_\_\_\_ \_\_HOURS.

DATE	TIME	RUN	TIME	HAUL		INSTALL	ATIONS, INSPECTIO	NOOS PROPERTY
	HRS.	MIN.	HAS.	MIN.	NOTE:	USE BOTH PAGES AND	ATIONS, INSPECTIO	NS, DURED FOR COM
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S& SAVI	IATION	co	(R)		MODE	L: TSIO-520-NB	DAT	E: 11-09-04
CHERO	KEE C	OUNT	AIRPO	ORT A	/C REC	G: N414G	TAC	
1800 AII	RPORT	DRIVI	E	- 1	A/C S/N	1: 414-0024	TOTA	
BALL GE	ROUND,	GA.			ENG S/N	N: 509541	SMOL	
OIL DRAIN AEROSHEI	ED FILT	ER REMO	OVED AND	CHECK SHED TH	ED. INST	ALLED NEW CH48109 AND CHECKED FOR I	OIL FILTER, SERVICED EAKS, RETURNED TO	ENGINE WITH SERVICE.
OII. DRAIN AEROSHEI SIGNED:	LL WIOO	ER REMO	GINE WAS	CHECK SHED TH	ED INST	ALLED NEW CH48109 AND CHECKED FOR I	OIL FILTER. SERVICED EAKS. RETURNED TO CERT#: 2562	SERVICE.
- AEROSHEI	LL WIOO	ER REMO	OVED AND GINE WAS	CHECK SHED TH	ED INST	ALLED NEW CH48109 AND CHECKED FOR I	.EAKS. RETURNED TO	SERVICE.
SIGNED:	Line	J. J.	Sail	A A	ST RAN,	AND CHECKED FOR I	CERT#: 2562	95713 A&P IA
S& SAVIA	TION C	O (R	land,	M	ODEL:	TSIO-520-NB	CERT#: 2562  DATE:	95713 A&P IA 12-01-04
S& SAVIA CHEROKI	TION CO	O (R	land,	M T A/C	ODEL:	TSIO-520-NB N414G	CERT#: 2562 DATE: TACH:	95713 A&P IA
S& SAVIA CHEROKI 1800 AIRF	TION CO	O (R UNTY A RIVE	land,	M T A/C	ODEL: REG:	TSIO-520-NB N414G 414-0024	CERT#: 2562  DATE: TACH: TOTAL:	95713 A&P IA 12-01-04
S& SAVIA CHEROKI	TION CO	O (R UNTY A RIVE	land,	M T A/C	ODEL:	TSIO-520-NB N414G	CERT#: 2562 DATE: TACH:	95713 A&P IA 12-01-04
S& SAVIA CHEROKI 1800 AIRF BALL GRO	TION CO EE COU POUND, G	O (R. UNTY A RIVE	AIRPOR	M A/C A/C EN	ODEL: REG: S/N: G S/N:	TSIO-520-NB N414G 414-0024 509541	CERT#: 2562  DATE: TACH: TOTAL:	95713 A&P IA 12-01-04 189.6
S& SAVIA CHEROKI 1800 AIRF BALL GRO	TION CO EE COU POUND, G	O (R. UNTY A RIVE	AIRPOR	M A/C A/C EN	ODEL: REG: S/N: G S/N:	TSIO-520-NB N414G 414-0024 509541	CERT#: 2562  DATE: TACH: TOTAL: SMOH:	95713 A&P IA 12-01-04 189.6
SIGNED: S& SAVIA CHEROKI I800 AIRI BALL GRO FILTER REMO	TION COEE COUND, GOVED AN RETURN	O (R. UNTY A RIVE	AIRPOR	M A/C A/C EN	ODEL: REG: S/N: G S/N:	TSIO-520-NB N414G 414-0024 509541	DATE: TACH: TOTAL: SMOH:	95713 A&P IA  12-01-04  189.6
S& SAVIA CHEROKI 1800 AIRF BALL GRO	TION CO EE COU POUND, G	O (R. UNTY A RIVE	AIRPOR	M A/C A/C EN	ODEL: REG: S/N: G S/N:	TSIO-520-NB N414G 414-0024 509541	CERT#: 2562  DATE: TACH: TOTAL: SMOH:	95713 A&P IA  12-01-04  189.6
S& SAVIA CHEROKI 1800 AIRF BALL GRO FILTER REM FOR LEAKS. SIGNED:	TION COEE COLORD	O (R) UNTY A RIVE A. D CHECK	AIRPOR	T A/C A/C EN	ODEL: PREG: PS/N: GS/N: NEW CH4	TSIO-520-NB N414G 414-0024 509541 8108 OIL FILTER. WA	CERT#: 2562  DATE: TACH: TOTAL: SMOH:  SHED, TEST RAN, AND  CERT#: 2562957	12-01-04 189.6 – 12-04-189.6 –
S& SAVIA CHEROKI 1800 AIRF BALL GRO FILTER REM FOR LEAKS. SIGNED:	TION CO	O (R UNTY A RIVE	AIRPOR	T A/C A/C EN	ODEL: REG: S/N: G S/N: NEW CH4	TSIO-520-NB N414G 414-0024 509541 8108 OIL FILTER. WA	CERT#: 2562  DATE: TACH: TOTAL: SMOH:  SHED, TEST RAN, AND  CERT#: 2562957	95713 A&P IA  12-01-04  189.6  0 CHECKED  13 A&P IA
S& SAVIA. CHEROKI 1800 AIRF BALL GRO FILTER REM FOR LEAKS. SIGNED: S& S AVIA CHEROKI	TION CO	O (R UNTY A RIVE A. D CHECK ED TO SI	AIRPOR	T A/C	ODEL: PREG: S/N: G S/N: NEW CH4	TSIO-520-NB N414G 414-0024 509541 8108 OIL FILTER. WA	CERT#: 2562  DATE: TACH: TOTAL: SMOH: SHED, TEST RAN, AND CERT#: 2562957  DATE: TACH:	12-01-04 189.6 — 0 CHECKED — 13 A&P IA — 02-01-05 — 195.7
S& SAVIA CHEROKI 1800 AIRF BALL GRO FILTER REM FOR LEAKS. SIGNED S& SAVIA CHEROKI 1800 AIRF	TION COEE COUNT, GOVED AN RETURN THON COEE COLORED TO CORT DO	O (R) UNTY A RIVE A. D CHECK ED TO SI UNTY A RIVE	AIRPOR	MC A/C A/C A/C	ODEL: C S/N: NEW CH4 DDEL: REG: S/N:	TSIO-520-NB N414G 414-0024 509541 8108 OIL FILTER. WA TSIO-520-NB N414G 414-0024	DATE: TACH: TOTAL: SMOH: SHED, TEST RAN, AND CERT#: 2562957 DATE: TACH: TACH: TOTAL:	95713 A&P IA  12-01-04  189.6  0 CHECKED  13 A&P IA
S& SAVIA. CHEROKI 1800 AIRF BALL GRO FILTER REM FOR LEAKS. SIGNED: S& SAVIA CHEROKI	TION COEE COUNT, GOVED AN RETURN THON COEE COLORED TO CORT DO	O (R) UNTY A RIVE A. D CHECK ED TO SI UNTY A RIVE	AIRPOR	MC A/C A/C A/C	ODEL: PREG: S/N: G S/N: NEW CH4	TSIO-520-NB N414G 414-0024 509541 8108 OIL FILTER. WA TSIO-520-NB N414G	CERT#: 2562  DATE: TACH: TOTAL: SMOH: SHED, TEST RAN, AND CERT#: 2562957  DATE: TACH:	12-01-04 189.6 — 0 CHECKED — 13 A&P IA — 02-01-05 — 195.7 5960.2
S& SAVIA CHEROKI 1800 AIRI BALL GRO FILTER REM FOR LEAKS. SIGNED S& SAVIA CHEROKI 1800 AIRI BALL GRO OIL DRAINEI	TION COPER COLUMN, GOVED AN RETURN CHEE COLUMN, GOVED AN RETURN CHEE COLUMN, G. D. FILITER CO. C.	O (R) UNTY A RIVE  O (R)	AIRPOR	MC A/C EN A/C ENC	ODEL: CREG: CS/N: GS/N: NEW CH4	TSIO-520-NB N414G 414-0024 509541 8108 OIL FILTER. WA TSIO-520-NB N414G 414-0024 509541	DATE: TACH: TOTAL: SMOH: SHED, TEST RAN, AND CERT#: 2562957  DATE: TACH: TOTAL: SMOH: SMOH: AND CHASIO	12-01-04 189.6 – 12-01-04 189.6 – 0 CHECKED – 13 A&P IA – 02-01-05 – 195.7 5960.2 – 1021.4 – 9 FILTER
S& SAVIA CHEROKI 1800 AIRI BALL GRO FILTER REM FOR LEAKS. SIGNED: S& SAVIA CHEROKI 1800 AIRI BALL GRO OIL DRAINEI COMPRESSIO	TION COEE COLUMN, GOVED ANN RETURN COEE COLUMN, GOVED ANN ARE TO SHARE THE COLUMN AS A S	O (R UNTY A RIVE A. D CHECK ED TO SI UNTY A RIVE 4.	AIRPOR	MC A/C A/C A/C A/C A/C A/C A/C A/C A/C A/	ODEL: PREG: PREG: S/N: NEW CHA  DDEL: REG: S/N: S/N:	TSIO-520-NB N414G 414-0024 509541 8108 OIL FILTER. WA TSIO-520-NB N414G 414-0024 509541	CERT#: 2562  DATE: TACH: TOTAL: SMOH:  SHED, TEST RAN, AND  CERT#: 2562957  DATE: TACH: TOTAL: SMOH:  WITH NEW RHB32E CH	12-01-04 189.6 – 0 CHECKED – 13 A&P IA – 02-01-05 – 195.7 5960.2 – 1021.4 – 9 FILTER AMPIONS.
S& SAVIA CHEROKI 1800 AIRI BALL GRO FILTER REMO FOR LEAKS. SIGNED: S& SAVIA CHEROKI 1800 AIRI BALL GRO OIL DRAINEL COMPRESSIO ADJUSTED IP PN 1396-2	TION COEE COUND, GOVED AN RETURN THON COEE COUND, GO ON FILTER ONS #1-76 ON STIGHT ON	O (RUNTY A RIVE A. D CHECKED TO SI	AIRPOR	MC A/C ENC ECKED.	ODEL: REG: S/N: G S/N: NEW CH4  DDEL: REG: S/N: SERVICI 66-79 SPA	TSIO-520-NB N414G 414-0024 509541 8108 OIL FILTER. WA TSIO-520-NB N414G 414-0024 509541 EXEMPTION OF THE PROPERTY OF THE PROPE	DATE: TACH: TOTAL: SMOH: SHED, TEST RAN, AND CERT#: 2562957  DATE: TACH: TOTAL: SMOH: WITH NEW RHB32E CHACED MSQ PRESSURE	12-01-04 189.6 - 0 CHECKED - 13 A&P IA - 02-01-05 - 195.7 - 5960.2 - 1021.4 - 9 FILTER MAPPIONS - FILTERS
S& SAVIA CHEROKI 1800 AIRF BALL GRO FILTER REM FOR LEAKS. SIGNED: S& S AVIA CHEROKI 1800 AIRF BALL GRO OIL DRAINEI CADURTESIC ADJUSTED IO PN 1396-2 AND JUST 23 AND JUST 23 AND JUST 25 AN	TION COEE COLUMN, GOVED AN RETURN COEE COLUMN, GOVED AN RETURN COUNTY, GOVED AN ARTHUR CONSTITUTE OF STALLING CONSTITUTE OF STALLING COEED FOR COUNTY OF THE	O (R) UNTY A RIVE A. D CHECK ED TO SI UNTY A RIVE A. REMOVE A. REMOVE A. CO (R) UNTY A RIVE CO (R) UNTY A RIVE	AIRPOR	MC A/C ENC ECKED. 0, 05-79, 8	ODEL: REG: C S/N: G S/N: NEW CH4  DDEL: REG: S/N: G S/N: SERVICE 6-79. SPA IECKED, IN AIR FIE	TSIO-520-NB N414G 414-0024 509541 8108 OIL FILTER. WA TSIO-520-NB N414G 414-0024 509541 ED WITH AEROSHELL V RK PLUGS REPLACED AND CLEANED. REPL LITERS. ADJUSTED FU	CERT#: 2562  DATE: TACH: TOTAL: SMOH:  SHED, TEST RAN, AND  CERT#: 2562957  DATE: TACH: TOTAL: SMOH:  WITH NEW RHB32E CH	12-01-04 189.6 - 0 CHECKED - 13 A&P IA - 02-01-05 - 195.7 - 5960.2 - 1021.4 - 9 FILTER MAPPIONS - FILTERS
S& SAVIA CHEROKI 1800 AIRF BALL GRO FILTER REM FOR LEAKS. SIGNED: S& S AVIA CHEROKI 1800 AIRF BALL GRO OIL DRAINEI CADURTESIC ADJUSTED IO PN 1396-2 AND JUST 23 AND JUST 23 AND JUST 25 AN	TION COEE COLUMN, GOVED AN RETURN COEE COLUMN, GOVED AN RETURN COUNTY, GOVED AN ARTHUR CONSTITUTE OF STALLING CONSTITUTE OF STALLING COEED FOR COUNTY OF THE	O (R) UNTY A RIVE A. D CHECK ED TO SI UNTY A RIVE A. REMOVE A. REMOVE A. CO (R) UNTY A RIVE CO (R) UNTY A RIVE	AIRPOR	MC A/C ENC ECKED. 0, 05-79, 8	ODEL: REG: C S/N: G S/N: NEW CH4  DDEL: REG: S/N: G S/N: SERVICE 6-79. SPA IECKED, IN AIR FIE	TSIO-520-NB N414G 414-0024 509541 8108 OIL FILTER. WA TSIO-520-NB N414G 414-0024 509541 EXEMPTION OF THE PROPERTY OF THE PROPE	DATE: TACH: TOTAL: SMOH: SHED, TEST RAN, AND CERT#: 2562957  DATE: TACH: TOTAL: SMOH: WITH NEW RHB32E CHACED MSQ PRESSURE	12-01-04 189.6 - 0 CHECKED - 13 A&P IA - 02-01-05 - 195.7 - 5960.2 - 1021.4 - 9 FILTER MAPPIONS - FILTERS

A/C REG: N414G TACH: 256.8  1800 AIRPORT DRIVE A/C S/N: 414-0024 TOTAL:  BALL GROUND, GA. ENG S/N: 509541 SMOH:  OIL DRAINED FILTER REMOVED AND CHECKED. INSTALLED NEW CH48109 OIL FILTER. SERVICED ENGINE WITH	S& SAVIATION CO (R)	MODEL:	TSIO-520-NB	DATE:	09-14-05
A/C S/N: 414-0024 TOTAL: SMOH:  OIL DRAINED FILTER REMOVED AND CHECKED. INSTALLED NEW CH48109 OIL FILTER. SERVICED ENGINE WITH AEROSHELL W100 OIL. ENGINE WASHED, TEST RAN, AND CHECKED FOR LEAKS. RETURNED TO SERVICE.  SIGNED:  Previous Engine Total: 6023.0 SMOH: 1084.3 Hour Meter: 258.6 Date: 10-04-05  TCM TSIO-520-NB Right Engine S/N 509541  The above referenced engine was disassembled due to metal contamination. The engine was cleaned, inspected and reassembled to service limits per TCM Overhaul Manual X-30574A. Reused crankcase, crankshaft, camshaft and lifters. Installed new main and rob bearings. C/W MSB96-10 ultrasonic inspection. New nuts and bolts installed in rods. Reinstalled cylinders assemblies Note: Pistons not removed from cylinders. Installed overhauled oil cooler. C/W MSB96-10 ultrasonic inspection. New bolts and nuts installed in rods. Reinstalled cylinder assemblies Note: Pistons not removed from cylinders. Flushed prop governor, lifters and starter adapter. Flushed all related hoses received. Serviced engine	CHEROKEE COUNTY AIRPORT	A/C REG:	N414G		
Previous Engine Total: 6023.0 SMOH: Office Total: 6023.0 SMOH: 1084.3 Hour Meter: 258.6 Date: 10-04-05  TCM TSIO-520-NB Right Engine S/N 509541  The above referenced engine was disassembled due to metal contamination. The engine was cleaned, inspected and reassembled to service limits per TCM Overhaul Manual X-30574A. Reused crankcase, crankshaft, camshaft and lifters. Installed new main and rob bearings. C/W MSB96-10 ultrasonic inspection. New nuts and bolts installed in rods. Reinstalled cylinders assembles Note: Pistons not removed from cylinders. Installed overhauled oil cooler. C/W MSB96-10 ultrasonic inspection. New bolts and nuts installed in rods. Reinstalled cylinder assemblies Note: Pistons not removed from cylinders. Reinstalled cylinder assemblies. Note: Pistons not removed from cylinders. Reinstalled cylinder assemblies. Note: Pistons not removed from cylinders. Installed cylinder assemblies. Note: Pistons not removed from cylinders. Flushed all related hoses received. Serviced engine	AIRPORT DRIVE	A/C S/N:	414-0024		ATURE
OIL DRAINED. FILTER REMOVED AND CHECKED. INSTALLED NEW CH48109 OIL FILTER. SERVICED ENGINE WITH AEROSHELL WI00 OIL. ENGINE WASHED, TEST RAN, AND CHECKED FOR LEAKS. RETURNED TO SERVICE.  SIGNED. SMOH: 1084.3  Previous Engine Total: 6023.0  SMOH: 1084.3  Hour Meter: 258.6  Date: 10-04-05  TCM TSIO-520-NB Right Engine S/N 509541  The above referenced engine was disassembled due to metal contamination. The engine was cleaned, inspected and reassembled to service limits per TCM Overhaul Manual X-30574A. Reused crankcase, crankshaft, camshaft and lifters. Installed new main and rob beanings. C/W MSB96-10 ultrasonic inspection. New nuts and boils installed in rods. Reinstalled cylinders assembles. Note: Pistons not removed from cylinders. Installed overhauled oil cooler. C/W MSB96-10 ultrasonic inspection. New boilts and nuts installed in rods. Reinstalled cylinder assemblies. Note: Pistons not removed from cylinders. Installed cylinder assemblies. Note: Pistons not removed from cylinders. Flushed prop governor, lifters and starter adapter. Flushed all related hoses received. Serviced engine	BALL GROUND, GA.	ENG S/N:			
FAM Aircraft, Limited Partnership • Waco Regional Airport  TCM TSIO-520-NB Right Engine S/N 509541  The above referenced engine was disassembled due to metal contamination. The engine was cleaned, inspected and reassembled to service limits per TCM Overhaul Manual X-30574A. Reused crankcase, crankshaft, camshaft and lifters. Installed new main and rod bearings. C/W MS96-10 ultrasonic inspection. New nuts and bolts installed in rods. Reinstalled cylinders assembles. Note: Pistons not removed from cylinders. Installed cylinder assembles. Note: Pistons not removed from cylinders. Reinstalled cylinder assembles. Note: Pistons not removed from cylinders. Reinstalled cylinder assembles. Note: Pistons not removed from cylinders. Flushed prop governor, lifters and starter adapter. Flushed all related hoses received. Serviced engine	OIL DRAINED FILTER REMOVED AND CHE AEROSHELL WIOO OIL. ENGINE WASHEE SIGNED: LAND CHE	ECKED. INSTAL D. TEST RAN, AI	TO CHECKED FOR LEAK	S. RETURNED TO SE	RVICE
				SMOH:_ Hour Meter:_ Date:_	1084.3 258.6
	The above referenced engine was distinspected and reassembled to service crankshaft, camshaft and lifters. In inspection. New nuts and bolts instaremoved from cylinders. Installed over and nuts installed in rods. Reinstalle Flushed prop governor, lifters and st	the limits per To stalled new realled in rods. enhauled oil co- ed cylinder ass tarter adapter. stand for one per Service Bu No 2315.	ue to metal contamina CM Overhaul Manual I nain and rod bearing Reinstalled cylinders a oler. C/W MSB96-10 u semblies. Note: Piston: Flushed all related ho (1) hour. Engine is ap ulletin SIL99-1 temp. s	X-30574A. Reused is C/W MSB96-10 assemblies. Note: Filtrasonic inspection. s not removed from ses received. Service proved for return to torage up to ninety	crankcase, ultrasonic Pistons not New bolts a cylinders. ced engine service for (90) days.
DATE: 10-14-05	The above referenced engine was disinspected and reassembled to servic crankshaft, camshaft and lifters. In inspection. New nuts and bolts instremoved from cylinders. Installed ove and nuts installed in rods. Reinstalle Flushed prop governor, lifters and st with 100W Aeroshell oil. Ran on test work performed. Engine preserved pertinent details on file under Project.  RAM Aircraft, Limited Partner.	the limits per Tostalled new rostalled in rods. erhauled oil cod cylinder assistant adapter. stand for one per Service Bl. No. 2315.  MODEL:	ue to metal contamina CM Overhaul Manual I main and rod bearing Reinstalled cylinders a oler. C/W MSB96-10 u sembiles. Note: Piston: Flushed all related ho (1) hour. Engine is ap, ulletin SIL99-1 temp. s  X5219, Waco, Texas 76 TSIO-520-NB	X-30574A Reused is C/M MSB96-10 assemblies Note. Fultrasonic inspection. s not removed from ses received. Service proved for return to torage up to ninety.	crankcase, ultrasonic Pistons not New bolts in cylinders. ced engine service for (90) days.
THEROKEE COUNTY AIRPORT A/C REG: N414G TACH: 258.7	The above referenced engine was disinspected and reassembled to servic crankshaft, camshaft and lifters. In inspection. New nuts and bolts instremoved from cylinders. Installed over and nuts installed in rods. Reinstalle Flushed prop governor, lifters and st with 100W Aeroshell oil. Ran on test work performed. Engine preserved pertinent details on file under Project.  RAM Aircraft, Limited Partner C&SAVIATION CO (R)  CHEROKEE COUNTY AIRPORT	we limits per To stalled new ro lalled in rods. erhauled oil co ed cylinder ass larter adapter, stand for one per Service Bu No 7315. MODEL: A/C REG:	ue to metal contamina CM Overhaul Manual I main and rod bearing Reinstalled cylinders a oler. C/W MSB96-10 u sembiles. Note: Piston: Flushed all related ho (1) hour. Engine is ap, ulletin SIL99-1 temp. s  X5219, Waco, Texas 76 TSIO-520-NB	X-30574A. Reused s CW MSB96-10 assemblies Note: F iltrasonic inspection. s not removed from ses received. Service proved for return to torage up to ninety  DATE:	crankcase, ultrasonic Pistons not New bolts or cylinders, ced engine service for (90) days.
### HEROKEE COUNTY AIRPORT A/C REG: N414G TACH: 258.7 TACH: 258.7 TOTAL:	The above referenced engine was dispected and reassembled to servic crankshaft, camshaft and lifters. In inspection. New nuts and bolts instremoved from cylinders. Installed ove and nuts installed in rods. Reinstalle Flushed prop governor, lifters and st with 100W Aeroshell oil. Ran on test work performed. Engine preserved pertinent details on file under Project.  RAM Aircraft, Limited Partner & SAVIATION CO (R)  EHEROKEE COUNTY AIRPORT	stalled new ristalled new ristalled new ristalled in rods. erhauled oil cod cylinder assurer adapter, stand for one per Service But No. 2315.  MODEL: A/C REG: A/C S/N:	ue to metal contamina CM Overhaul Manual inain and rod bearing Reinstalled cylinders a oler. C/W MSB96-10 u semblies. Note: Piston: Flushed all related ho (1) hour. Engine is ap ulletin SIL99-1 temp. s  TSIO-520-NB N414G	X-30574A Reused is C/W MSB96-10 assembles Note: Filtrasonic inspection. Iltrasonic inspection ses received. Service proved for return to torage up to ninety DATE: I TACH:	crankcase, ultrasonic Pistons not New bolts or cylinders, ced engine service for (90) days.
### HEROKEE COUNTY AIRPORT A/C REG: N414G TACH: 258.7 TOTAL:	The above referenced engine was disinspected and reassembled to servic crankshaft, camshaft and lifters. In inspection. New nuts and bolts instremoved from cylinders. Installed ove and nuts installed in rods. Reinstalle Flushed prop governor, lifters and st with 100W Aeroshell oil. Ran on test work performed. Engine preserved pertinent details on file under Project.  RAM Aircraft, Limited Partner.	stalled new ristalled new ristalled new ristalled in rods. erhauled oil cod cylinder assurer adapter, stand for one per Service But No. 2315.  MODEL: A/C REG: A/C S/N:	ue to metal contamina CM Overhaul Manual Imain and rod bearing Reinstalled cylinders of older C/W MSB96-10 usemblies. Note: Pistons Flushed all related ho (1) hour. Engine is apulletin SIL99-1 temp. s  TSIO-520-NB N414G 414-0024	X-30574A Reused is CNW MSB96-10 assembles Note: Filtrasonic inspection is not removed from ses received. Service proved for return to torage up to ninety DATE: I TACH: TOTAL:	crankcase, ultrasonic Pistons not New bolts or cylinders, ced engine service for (90) days.

7

MAXIMUM HOURS BETWEEN OVERHAULS\_\_\_\_\_\_HOURS.

	MODEL:	TSIO-520-NB	SERV DATE	03-01-06	
S& SAVIATION CO (R)			TACH		
CHEROKEE COUNTY AIRPORT	A/C KEG.	414-0024	TOTAL		_
1800 AIRPORT DRIVE	A/C S/N:				
BALL GROUND, GA.	ENG S/N:	509541	SMOH:	1119.5	IMPLETE
OIL DRAINED. FILTER REMOVED AND CHI	ECKED. SERVI	CED WITH AEROSHE	LL W-100 OIL AND CH	\$8108 FILTER.	
OIL DRAINED. FILTER REMOVED AND CHI COMPRESSIONS: #1-74, #2-72, #3 75, #	4-75, #5-72, #6-	79. SPARK PLUGS	CLEANED, GAPPED, P.	AINTED, AND	
COMPRESSIONS: #1-74, #2-72, #3 75, # ROTATED. REMOVED, DISASSEMBLED AN	ID INSPECTED	MAGNETOS. REPLAC	CED MAGNETO DISTRIE	BUTER BLOCK	
AND GEAR P/N K3823 IN LEFT MAG. R	EPLACED CON	IN DEDLACED MAG	PRESSURE FUTER	S PAI 1106 2	
MAGNETOS. FUEL SCREENS CHECKED INSTALLED NEW P12-8156 INDUCTION AI	R FILTERS, EN	GINE WASHED, TEST	RAN, AND CHECKED	FOR LEAKS.	
INSTALLED NEW P12-8156 INDUCTION AT ADJUSTED FUEL PRESSURES, IDLE MIXT	URES AND IDL	E SPEED. RETURNED	TO SERVICE.		
ADIOSITO III	16		CERT#: 26025	1220 A 8-D LA	
SIGNED: / Mechy			CERT#. 20025	4230 AGT IA	
	MODEL:	TSIO-520-NB	DATE.	07-19-06	
S& SAVIATION CO (R)			TACH:	1/5-10 Stole 5-10 Stol	
CHEROKEE COUNTY AIRPORT		N414G		341.4	
1800 AIRPORT DRIVE	A/C S/N:	414-0024	TOTAL:		
BALL GROUND, GA.	ENG S/N:	509541	SMOH:		
REMOVED, DISASSEMBLED AND INSPECT	ED BOTH MAC	NETOS DEDI ACED	BOTH MAIN CONTACT	ASSY'S PAI	
M3081 ENGINE WASHED, TEST RAN, AND	CHECKED FOR	LEAKS. RETURNED	TO SERVICE.	mot atm	10,000
011	•				
SIGNED: How	<u>-</u>		CERT#: 260254:	230 A&P IA	
	Money	TOLO 400 NID	D. 4 (FF)	12 14 04 -	
S& S AVIATION CO (R)	MODEL:	TSIO-520-NB	DATE:	12-14-06	
CHEROKEE COUNTY AIRPORT	770 00000000000000000000000000000000000	N414G	TACH:	0371.5	=
1800 AIRPORT DRIVE	A/C S/N:	414-0024	TOTAL:		
BALL GROUND, GA.	ENG S/N:	509541	SMOH:		
OIL DRAINED, FILTER REMOVED AND CHEC	VED DISTALL	ED MENI CHARIOS OF	FILTER CERVICED EN	enic wertt -	
AEROSHELL W100 QIL ENGINE WASHED,					
MI				CONTRACTOR OF THE PROPERTY OF	
SIGNED: Jui Habris			CERT#: 26025423	0 A&P IA —	
S& S AVIATION CO (R)	MODEL:	TSIO-520-NB	DATE:	04-01-07 _	
CHEROKEE COUNTY AIRPORT		N414G	TACH:	0380.2	
1800 AIRPORT DRIVE	A/C S/N:	414-0024	TOTAL:	6144.7	_
	ENG S/N:	509541	SMOH:	1205.5	
BALL GROUND, GA.		EVELS EUROS			
OIL DRAINED. FILTER REMOVED AND CHEC	KED SERVICE	D WITH AEROSHELL	W-100 OIL AND CH4810	8 FILTER.	
NEW MAG PRESSURE LINE AND REPLACE INDUCTION AIR FILTERS ENGINE WASHED,					
IDLE MIXTURES AND OLE SPEED, RETURN	LEST KAN, AND	E.	a. ADIVATED COLUMN	_	
1 1					
SIGNED: Jus Hording			CERT#: 319186	A&PIA —	
	CARRI	ED FORWARD			
OTAL THIS PAGE					7
TOTAL FROM					
REVIOUS SUMMARY					
TOTAL					

S& S AVIATION CO (R)				07-20-07	
CHEROKEE COUNTY APPROPRI	MODEL:	TSIO-520-NB	DATE:		
CHEROKEE COUNTY AIRPORT 1800 AIRPORT DRIVE	A/C REG:	N414G	TACH:	0407.3	LICENCE
BALL GROUND, GA.		414-0024	TOTAL:		NUMBER
DIEL OROUND, GA.	ENG S/N:	509541	SMOH:		_
OIL DRAINED, FILTER REMOVED AND ON					
OIL DRAINED. FILTER REMOVED AND CH AEROSHELL W100 OIL ENGINE WASHE	D TEST BAN	LED NEW CH48108 OIL	FILTER. SERVICED EN	GINE WITH	
	D, TEST KAN, A	ND CHECKED FOR LEA	KS. RETURNED TO SE	RVICE.	
SIGNED:	-		CERT#: 319186	O A&P IA	
			CERT#. 517100	,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	
S& S AVIATION CO (R)	MODEL:	TSIO-520-NB	DATE	12-13-07	
CHEROKEE COUNTY AIRPORT	A/C REG	N414G	TACH:	0038.5	() <del>-</del>
1800 AIRPORT DRIVE	A/C S/N:		TOTAL:		
BALL GROUND, GA.	ENG S/N:		SMOH:		104
			177.65510		
OIL DRAINED. FILTER REMOVED AND CH	HECKED. INSTA	LLED NEW CH48108 OIL	FILTER, SERVICED EN	GINE WITH	
AEROSHELL W100 OIL. ENGINE WASHI	ED, TEST RAN,	AND CHECKED FOR LEA	KS. RETURNED TO SI	ERVICE.	-
SIGNED:	-				
for flater			CERT#: 319186	0 A&P IA	
				- 1	-
S& S AVIATION CO (R)	MODEL	TOTO CON NID	p.crc	04.11.00	
CHEROKEE COUNTY AIRPORT	MODEL:	TSIO-520-NB N414G		04-11-08	_
1800 AIRPORT DRIVE	A/C S/N:	414-0024	TACH:	0073.7	
BALL GROUND, GA.	ENG S/N:	200	TOTAL:	6245.5	
BALL GROOND, GA.	ENG S/N:	509541	SMOH:	1306.3	V
OIL DRAINED FILTER REMOVED AND CH	ECKED SERVIC	CED WITH AFROSHELL A	V ING OIL AND CHIEF	09 CH TEB	
COMPRESSIONS: #1-76, #2-77, #3 78, #	4-75, #5-75, #6-7	6. REPLACED ALL SPA	RK PLUGS WITH NE	W RHR32E	
CHECKED AND ADJUSTED IGNITION T	IMING. FUEL S	CREENS CHECKED AN	D CLEANED, FABRIC.	ATED AND	
INSTALLED NEW MAG PRESSURE LINE AS AFFECTED CYLINDERS NOT INSTALLED.	FNGINE WASH	IAG PRESSURE FILTERS FD. TEST RAN, AND CHE	P/N 1396-2. AD2007-04	-19RI DNA	
FUEL PRESSURES, IDLE MIXTURES AND	IDLE SPEED. RE	TURNED TO SERVICE.	CKED TOK LEAKS.	ADJUSTED	No.
6 111					-
SIGNED:	-		CERT#: 31918	60 A&P IA	
			1		
S& S AVIATION CO (R)	MODEL:	TSIO-520-NB	DATE: 0	5-27-08	
CHEROKEE COUNTY AIRPORT	A/C REG:	N414G		0084.2	
1800 AIRPORT DRIVE	A/C S/N:	414-0024	TOTAL:	.0084.2	
	ENG S/N:	509541	SMOH:		
			OMOII.		Addison to the
				-	
	EDLACED ALL	DISTON BRIGG BUTTON			
REMOVED AND HONED ALL CYLINDERS. R VITH NEW GASKETS AND SEALS. REPLACE	D FUEL INJECTI	ON MANIFOLD MOUNT	W. REINSTALLED CY	LINDERS	
A2061 REPLACED INROARD INDUCTION E.	LBOW WITH SE	RVICEABLE UNIT SERV	VICED ENGINE MATERIA		
0W50 OIL AND CH48108-1 FILTER, ENGINE	WASHED, TES	T RAN, AND CHECKED	FOR LEAKS. RETU	RNED TO	
ERVICE.	/				
1 // 1.					
IGNED:	-		CERT#: 3191860	A&P IA	
				-	

MODEL: TSIO-520-NB DATE: 11-25-08 S& S AVIATION CO (R) CHEROKEE COUNTY AIRPORT A/C REG: TACH. N414G 0116.6 A/C S/N: TOTAL: 414-0024 1800 AIRPORT DRIVE SMOH-ENG S/N: 509541 BALL GROUND, GA. LETE OIL DRAINED FILTER REMOVED AND CHECKED. INSTALLED NEW CH48108 OIL FILTER. SERVICED ENGINE WITH AEROSHELL WIOO OIL. LUBRICATED EXHAUST SLIP JOINTS AND WASTEGATES WITH MOUSE MILK. ENGINE WASHED, TEST RAN, AND CHECKED FOR LEAKS. RETURNED TO SERVICE. CERT#: 3191860 A&P IA SIGNED: DATE: 05-01-09 S& SAVIATION CO MODEL: TSIO-520-NB (R) CHEROKEE COUNTY AIRPORT A/C REG: TACH: 0153.1 N414G 6324.9 TOTAL: 414-0024 1800 AIRPORT DRIVE A/C S/N: SMOH: 1385.7 BALL GROUND, GA. ENG S/N: 509541 OIL DRAINED, FILTER REMOVED AND CHECKED. SERVICED WITH AEROSHELL W-100 OIL AND CH48108 FILTER. COMPRESSIONS: #1-78, #2-71, #3 76, #4-78, #5-75, #6-77. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. CHECKED AND ADJUSTED IGNITION TIMING. FUEL SCREENS CHECKED AND CLEANED. REPLACED MAG PRESSURE FILTERS P/N 1396-2, REPLACED OUTBOARD INDUCTION ELBOW WITH SERVICEABLE UNIT. ENGINE WASHED, TEST RAN, AND CHECKED FOR LEAKS. ADJUSTED FUEL PRESSURES, IDLE MIXTURES AND IDLE SPEED. RETURNED TO SERVICE. CERT#: 3191860 A&P IA SIGNED: 10-20-09 DATE: TSIO-520-NB MODEL: S& S AVIATION CO (R) 0194.2 TACH: CHEROKEE COUNTY AIRPORT A/C REG: N414G TOTAL: 414-0024 A/C S/N: 1800 AIRPORT DRIVE SMOH: ENG S/N: 509541 BALL GROUND, GA. OIL DRAINED. FILTER REMOVED AND CHECKED. INSTALLED NEW CH48108 OIL FILTER. SERVICED ENGINE WITH AEROSHELL WI00 OIL. LUBRICATED EXHAUST SLIP JOINTS AND WASTEGATES WITH MOUSE MILK, ENGINE WASHED, TEST RAN, AND CHECKED FOR LEAKS. RETURNED TO SERVICE. CERT#: 3191860 A&P IA SIGNED: 06-01-2010 DATE: TSIO-520-NB S& SAVIATION CO (R) MODEL: 0277.0 TACH: CHEROKEE COUNTY AIRPORT A/C REG: N414G 6448.8 TOTAL: A/C S/N: 414-0024 1800 AIRPORT DRIVE 1509.6 SMOH: 509541 ENG S/N: BALL GROUND, GA. OIL DRAINED. FILTER REMOVED AND CHECKED. SERVICED WITH PHILLIPS 20W50 OIL AND CH48108-1 FILTER. COMPRESSIONS: #1-71, #2-XX, #3 77, #4-78, #5-78, #6-75. CLEANED, GAPPED, AND ROTATED SPARK PLUGS. REPLACED # 2 CYLINDER WITH OVERHAULED UNIT P/N ECC71.2 S/N 35988-8. REMOVED, DISASSEMBLED AND INSPECTED LEFT AND RIGHT MAGNETOS. REPLACED DISTRIBUTOR BLOCK ASSY P/N K3823, CONTACT ASSY P/N M3081, DISTRIBUTOR DRIVE GEAR PAN K3828 IN BOTH MAGNETOS. SET INTERNAL TIMING AND REINSTALLED. AD2009-16-03 DNA AFFECTED CYLINDERS NOT INSTALLED. AD2009-19-07 C2 DNA AFFECTED CYLINDERS NOT INSTALLED, AD2010-11-04 DNA AFFECTED LIFTERS NOT INSTALLED, FUEL SCREENS CHECKED AND CLEANED. REPLACED MAG. PRESSURE. FILTERS P/N 1396-2. ENGINE WASHED, TEST RAN, AND CHECKED FOR LEAKS. ADJUSTED FUEL PRESSURES, IDLE MIXTURES AND IDLE SPEED. RETURNED TO SERVICE. CERT#: 3191860 A&P IA

SINCE MFG.

S& S AVIATION CO (R)	MODEL:	TSIO-520-NB	DATE: 08-10-2010
CHEROKEE COUNTY AIRPORT	A/C REG:	N414G	TACH: 0307.5
1800 AIRPORT DRIVE	A/C S/N:	414-0024	TOTAL:
BALL GROUND, GA.	ENG S/N:	509541	SMOH:
OIL DRADIED EILTER DEL COMO			
OIL DRAINED, FILTER REMOVED AND CHE AEROSHELL WIOO OIL, LUBRICATED, EX	CKED. INSTALI	LED NEW CH48108-1 OII	. FILTER. SERVICED ENGINE WITH
AEROSHELL WI00 OIL. LUBRICATED EX WASHED, TEST RAN, AND CHECKED FOR	LEAKS, RETUI	INTS AND WASTEGA RNED TO SERVICE.	TES WITH MOUSE MILK. ENGINE
SIGNED:			
The factor	*		CERT#: 3191860 A&P IA
S& S AVIATION CO (R)	MODEL:	TSIO-520-NB	DATE: 07-01-2011
CHEROKEE COUNTY AIRPORT	A/C REG:	N414G	TACH: 0370.2
1800 AIRPORT DRIVE		414-0024	TOTAL: 6542.0
BALL GROUND, GA.	ENG S/N:	0.700 700700	SMOH: 1602.8
		7 7 7 8 148	
OIL DRAINED. FILTER REMOVED AND CHECOMPRESSIONS: #1.75 #2.76 #3.72	CKED. SERVICE	ED WITH AEROSHELL W	/100 OIL AND CH48108-1 FILTER.
CYLINDER WITH NEW GASKETS AND HAL	OMPRESSION.	REPLACED EXHAUST	VALVE AEC637781. INSTALLED
			FOR LEAKS. ADJUSTED FUEL
PRESSURES, IDLE MIX DORES AND IDLE SI	PEED, RETURNI	ED TO SERVICE.	
SIGNED:			
for from	~		CERT#: 3191860 A&P IA
v /	-1-17		- 14
S& S AVIATION CÓ (R)	MODEL:	TSIO-520-NB	DATE: 11-30-2011
CHEROKEE COUNTY AIRPORT	A/C REG:	N414G	TACH: 0386.1
1800 AIRPORT DRIVE	A/C S/N:	414-0024	TOTAL:
BALL GROUND, GA.	ENG S/N:	509541	SMOH:
			- 1
OIL DRAINED. FILTER REMOVED AND CHE	CKED. INSTALL	ED NEW CH48108-1 OIL	FILTER. SERVICED ENGINE WITH
OIL DRAINED, FILLER REMOVED AND CHI AEROSHELL W100 OIL. LUBRICATED EX WASHED, TEST RAN AND CHECKED FOR	LIAIIST SLIP IC	IIN'IS AND WASTEGA	TES WITH MOUSE MILK, ENGINE
WASHED, TEST RAN AND CHECKED FOR	A.A.K.S. KLIUP	10 0011.1011	
SIGNED:	1		CERT#: 3191860 A&P IA
SIGNED.			
		100	
Corporate Air Center N414	G C-414 S	/N: 4140024 HOB	BS: 436.6
Corporate Air Center 11424			
Corporate Air Center 11424			
C/W 501	fr. oil change. Drain	ned oil and removed filter. Co	at filter open, No metal
C/W 501 found R	eplaced filter with r	new P/N CH48108-1. Service	d engine with 12 Qts of
C/W 501 15452 - Airport Drive Burlington, WA 98233	eplaced filter with r	ned oil and removed filter. Cu new P/N CH48108-1. Service 12000-01-16 part B. Ran engi	d engine with 12 Qts of
15452 - Airport Drive Burlington, WA 98233 Phone (360) 757-7757	eplaced filter with r	new P/N CH48108-1. Service	d engine with 12 Qts of
C/W 501  15452 - Airport Drive found R  Burlington, WA 98233	eplaced filter with r	new P/N CH48108-1. Service (2000-01-16 part B. Ran engi	d engine with 12 Qts of ne and no leaks noted.
15452 - Airport Drive Burlington, WA 98233 Phone (360) 757-7757	eplaced filter with r	new P/N CH48108-1. Service 12000-01-16 part B. Ran engi Poul J	d engine with 12 Qts of ne and no leaks noted.
15452 - Airport Drive Burlington, WA 98233 Phone (360) 757-7757	eplaced filter with r II 15W/50. C/W AD	new P/N CH48108-1. Service (2000-01-16 part B. Ran engi	d engine with 12 Qts of ne and no leaks noted.

OR COMPLETE

DATE

BROUGH FORWAR

Corporate Air Center N414G C-414 S/N: 0024 HOBBS: 463.3

This engine was inspected in accordance with FAR 43 Appendix D for an 100Hr/Annual inspection. Compressions are as follows 1)25/80, 2)70/80, 3)70/80. 4)8/80, 5)70/80 and 6)70/80. Removed #1 and #4 cylinders. Replaced with new Superior Air Parts cylinders assy. P/N SA52006-A22P, S/N's 526F1210577 and 526F1210578. Serviced engine with 12 qts of Aeroshell 100 Mineral pil. Replaced #4 fuel injection line with new P/N636035-1 AD 2012-03-06 Fuel Servo Does Not Apply AD 2012-10-13 Starter adapter is N/A by P/N C/W AD 2000-01-16 on both exhaust systems, para B visual insp of exhaust every 50hr/30 days next due 4394 3, para C remove tail pipe and insp every 2 mos next due 8/2013, C/W para D visual insp firewall eng beams and canted bulkhead next due

at 4844 3. C/W para E pressure check exhaust every 12mos next due at 8/2013

para F is due at 4534.2. Para G is due at 6021.0 or 8/2014 which ever occurs first. AD 84-26-02 paper induction air filter is due at 4751.2. I certify that this engine has been inspected in accordance with a 100Hr/Annual inspection and found to be in an airworthy condition.

> Daniel P Monahar AP3248408IA

Airframe TT: 43443 R/H Eng SMOH 1695.9 L/H Eng SMOH. 1517.2 R/H Prop SMOH 1528 I L/H Prop SMOH: 1528 I Heater Hobbs: 1338 1

15452 - Airport Drive

Burlington, WA 98233

Phone (360) 757-7757

Fax (360) 757-1557

08/17/2012

N414G C-414 S/N: 0024 HOBBS: 463.3 Corporate Air Center

15452 - Airport Drive

Burlington, WA 98233 Phone (360) 757-7757 Fax (360) 757-1557

Airframe TT: 4344.3 R/H Eng SMOH 1695.9 L/H Eng SMOH. 1517.2 R/H Prop SMOH: 1528 1 L/H Prop SMOH: 1528.1 Heater Hobbs, 1338.1

Replaced all 12 spark plugs with new Tempest URHB32E,s.

Daniel P Monahan AP3248408IA

08/17/2012

Corporate Air Center <u>N414G C-414 S/N: 0024 HOBBS: 486.6</u>

15452 - Airport Drive Burlington, WA 98233 Phone (360) 757-7757 Fax (360) 757-1557

Airframe TT 4367.6 R/H Eng SMOH: 1719 2 L/H Eng SMOH. 1540.5 R/H Prop SMOH. 1551.4 L'H Pree SMOH: 1551.4 Heater Hobbs 1338 1

Drained oil and removed filter. Cut filter open and insp. No metal found. Replaced filter with new Tempest CH48108-1. Serviced engine with 12 qts. of Aeroshell 15W-50. Replaced inboard induction elbow with new P/N 646019. Ran engine and no leaks noted.

11/19/2012

Daniel P Monahan AP3248408IA

DRAINED OIL + REMOVED FILTER. REPLACED WITH DO FITS AERUSAFLE 15050 AND TEMPEST FILTER CHYBIOS. 12/2013 5157 TURN CHECK 6000

CARRIED FORWARD OWNER- PILOT

CEAF # 283830G

TOTAL THIS PAGE

TOTAL PROM PREVIOUS SUMMAR

TOTAL SINCE MFG.

	CAV AD1000 OL 16 and B. Bufamada A	NATURE	LIC
	C/W AD2000-01-16 part B. Performed visual inspection of entire exhaust system. No cracks, sags, distortion or holes found. Lubed waste gate and slip joints with	1	
15452 - Airport Drive	mouse milk. Next due in 4453.6 TT.		0
Burlington, WA 98233		127-	
hone (360) 757-7757			
Fax (360) 757-1557			
Airframe TT: 4403.6			
VH Eng SMOH 1755.2			_
JH Eng SMOH: 1576.5 VH Prop SMOH: 1587.4			
JH Prop SMOH 1587.4	2.71.10/2		
Heater Hobbs: 1338.1	06/19/2013 Daniel P Monahan AP3248408IA		_
orporate Air Center			
- Porate Air Center	N414G C-414 S/N: 0024 HOBBS; 540.5		
	Removed R/H alternator. Installed O/H Alternator P/N ALV-9510, S/N H- N061384. Ground ops check good, No leaks		
452 - Airport Drive	N061384. Ground ops check good. No leaks.		
lington WA 08222	g ro it.ak).		
DC (360) 757 7769			
x (360) 757-1557			
rame TT: 4421.5	alling		
Eng SMOUL Lagar.	J. J.Y. W. V		6
Prop SMOH: 1605.3	07/26/2013 Daniel P Monahan	١ .	
	AP3248408IA		
CommandAvia		K INSERT	
DATE 0401/2013 ENGINE MAKE. ENG TTIS 6735.4 Completed 100 hour Engine Maintenance performed at this - Performed interpretation grown for	TCM         MODEL:         TSIO-520-RB         SN         505641           SMOH         1796-5         TOTAL CYCLES         N/4         Installed on Arcraft         N414G         ACTI         44           In Impaction , Lordify that this origina has been impacted 3.47 with a prival inspection and was described in the control of the control	45.0  Worthy condition .  O Cut open and inspected at	
DATE 0401/2013 ENGINE MARK ENG TITIS 6735 4 Completed 100 hour Engine Varionance performed at this - Performed ritid engine no. illier for contamination, none to Aeroshel 15w50 oil and a new  Mantenance Release: The I	TCM MODEL: TSI0-S20-RB SN S0541  SMOH 1796 TOTAL CYCLES N4 Installed on Arcraft N414G ACTT 44  Install	450  Cut open and inspected of equilities serviced engine with formance run.	
DATE 0A012013 ENGINE WAKE ENG TTIS _6735 4 Completed 100 hour Engine Maintenance performed at this - Performed must engine run. illier for contamination, none for Aeroshel 15w50 oil and a new	TCM MODEL: TSI0-S20-RB SN S0541  SMOH 1796 TOTAL CYCLES N4 Installed on Arcraft N414G ACTT 44  Install	450  Cut open and inspected of equilities serviced engine with formance run.	
DATE 0401/2013 ENGINE MARK ENG TITIS 6735 4 Completed 100 hour Engine Varionance performed at this - Performed ritid engine no. illier for contamination, none to Aeroshel 15w50 oil and a new  Mantenance Release: The I	TCM MODEL: TSIO-SZV/NB SN SYSS41  SMOH 1796 TOTAL CYCLES N4 Installed on Arcraft N414G ACTI 44  Instal	450  Worthy condition .  Out open and interested oil squider. Senated engine with formance run.	
DATE 0401/2013 ENGINE MARK ENG TITIS 6735 4 Completed 100 hour Engine Varionance performed at this - Performed ritid engine no. illier for contamination, none to Aeroshel 15w50 oil and a new  Mantenance Release: The I	TCM MODEL: TSI0-S20-RB SN S0541  SMOH 1796 TOTAL CYCLES N4 Installed on Arcraft N414G ACTT 44  Install	450  Worthy condition .  Out open and interested oil squider. Senated engine with formance run.	
DATE 0401/2013 ENGINE MARK ENG TITIS 6735 4 Completed 100 hour Engine Varionance performed at this - Performed ritid engine no. illier for contamination, none to Aeroshel 15w50 oil and a new  Mantenance Release: The I	TCM MODEL: TSIO-SZV/NB SN SYSS41  SMOH 1796 TOTAL CYCLES N4 Installed on Arcraft N414G ACTI 44  Instal	450  Worthy condition .  Out open and interested oil squider. Senated engine with formance run.	
DATE 0401/2013 ENGINE MARK ENG TITIS 6735 4 Completed 100 hour Engine Varionance performed at this - Performed ritid engine no. illier for contamination, none to Aeroshel 15w50 oil and a new  Mantenance Release: The I	TCM MODEL: TSIO-SZV/NB SN SYSS41  SMOH 1796 TOTAL CYCLES N4 Installed on Arcraft N414G ACTI 44  Instal	450  Worthy condition .  Out open and interested oil squider. Senated engine with formance run.	
DATE 0401/2013 ENGINE MARK ENG TITIS 6735 4 Completed 100 hour Engine Varionance performed at this - Performed ritid engine no. illier for contamination, none to Aeroshel 15w50 oil and a new  Mantenance Release: The I	TCM MODEL: TSIO-SZV/NB SN SYSS41  SMOH 1796 TOTAL CYCLES N4 Installed on Arcraft N414G ACTI 44  Instal	450  Worthy condition .  Out open and interested oil squider. Senated engine with formance run.	
DATE 0401/2013 ENGINE MARE ENGITIS 6735 4 Completed 100 hour Engine Varionance perfured at this - Performed risk engine unit iller for contamination, none to Acroshel 15w50 oil and a new Mantenance Release: The I	TCM MODEL: TSIO-SZV/NB SN SYSS41  SMOH 1796 TOTAL CYCLES N4 Installed on Arcraft N414G ACTI 44  Instal	450  Worthy condition .  Out open and interested oil squider. Senated engine with formance run.	
DATE 04012013 ENGINE MARK ENG TITIS 2735 4 Completed 100 hour Engine Varionance performed at this - Performed ritid engine no. illier for contamination, none for Agrothel 15w50 oil and a new	TCM MODEL: TSIO-SZV/NB SN SYSS41  SMOH 1796 TOTAL CYCLES N4 Installed on Arcraft N414G ACTI 44  Instal	450  Worthy condition .  Out open and interested oil squider. Senated engine with formance run.	
DATE 0401/2013 ENGINE MARE ENGITIS 6735 4 Completed 100 hour Engine Varionance perfured at this - Performed risk engine unit iller for contamination, none to Acroshel 15w50 oil and a new Mantenance Release: The I	TCM MODEL: TSIO-SZV/NB SN SYSS41  SMOH 1796 TOTAL CYCLES N4 Installed on Arcraft N414G ACTI 44  Instal	450  Worthy condition .  Out open and interested oil squider. Senated engine with formance run.	
DATE 0401/2013 ENGINE MARK ENG TITIS 6735 4 Completed 100 hour Engine Varionance performed at this - Performed ritid engine no. illier for contamination, none to Aeroshel 15w50 oil and a new  Mantenance Release: The I	TCM MODEL: TSIO-SZV/NB SN SYSS41  SMOH 1796 TOTAL CYCLES N4 Installed on Arcraft N414G ACTI 44  Instal	450  Worthy condition .  Out open and interested oil squider. Senated engine with formance run.	
DATE 04012013 ENGINE MARK ENG TITIS 2735 4 Completed 100 hour Engine Varionance performed at this - Performed ritid engine no. illier for contamination, none for Agrothel 15w50 oil and a new	TCM MODEL: TSIO-SZV/NB SN SYSS41  SMOH 1796 TOTAL CYCLES N4 Installed on Arcraft N414G ACTI 44  Instal	450  Worthy condition .  Out open and interested oil squider. Senated engine with formance run.	
DATE 04012013 ENGINE MAKE ENG TITIS 2735.4 Completed 100 hour Engine Watnowance perferred at this - Perferred ritid engine run illier for contamination, none for Agroshel 15w50 oil and a new	TCM MODEL: TSIO-SZV/NB SN SYSS41  SMOH 1796 TOTAL CYCLES N4 Installed on Arcraft N414G ACTI 44  Instal	450  Worthy condition .  Out open and interested oil squider. Senated engine with formance run.	

DATE			0	HAUL	INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COM
	HRS.	MIN.	няз.	MIN.	NOTE: USE BOTH PAGES AND AS HEAVE ENTER
	nandAv	iation 2	PHONE 360 7 2010 W Baker	733 3174 view Rd	RIGHT ENGINE LOGBOOK INSERT
ENGINE M ENGITTIS		TCM	1934 0	1510-520-1 TOTAL CV	NB SN 509511  YCLES: NX Installed on Alicrat N4146 ACTT: 44824  as been integrated IAW an annual inspection and was determined to be in airworthy condition.
<ul> <li>Waintenance</li> <li>Performed</li> <li>filler for conta</li> <li>Aeroshel 15v</li> </ul>	gerformed at the initial engine ru imination, none v50 oil and a ne	n checked eng tound Perform W Champion D	one oil level, i ned all servici il filter Washi	nspected of f ng and lubrica ed engine ex	ther and ptimpresson sect 175.90 2172590 316860 47580 57580 67493. Cut open and inspected of more futured for this type of inspection. Installed serviceable fuel pressure regulating Serviced engine with straight inspected engine for general condition, performed a post engine performance run.  — END.—  — END.—  — END.—  — was inspected and/or regiated, per current Regulations of the Federal Aviation Administration, and is
Maintenance subsequently 	Release: The approved for re	e Engine and/o dum to service	component L	If	Oaig Scamehorn AP34(5616)A
nompressor	S IO-520-NB Inspection IAI	11-00/00 -2-7	N: 509541 3(d). C/W A 70/80 #3-65/ rk plugs, de 4 as applica	tobbs: 683.2 T D Amendme 180 #4-71/80 saned, gappe ble. Perform	2010 W Bakerview Road Bellingham, WA 98226  AFTT. 45642 Date 04/14/2016  SMCH 1915 8  Int Effective by visual inspection of lines for condition and security. Performed compression test, 1/25 68/80 N6-70%. Drained of land removed of filter installed new champion of filter CH48 108-1 (4) tested and remstalled. Replaced spark plug gaskets with new prix: M674. All maniferance ed post maintenance ops and leak check, no defects noted.  Beginner installation was inspected IAW Annual Inspection and found to be in a sample from ASP/IA DP 14/15/11/25.
414G lobbs: 746. leplaced nut, lated 10/2013 ertinent detail	I P/N 634511	Engine on case the	e Model: nrough stu	d above a	nd behind alternator in accordance with TCM Overhaul Manual, X305/4, Change
-01	713				
			-	-	
					CommandAviation 2010 W Bakerview Road Bellingham, WA 98226
RH ENGII A.C: N414G ENGINE: TS) C.W 100 hr. ii	SIN 0-520 NB SIN	: 414-0024 : 509541 FAR part 43(d filter, Installed	TSM Performe	os: 802 0 OH: 2034.6 d compressivition of filter C	AFTT: 4683 Date 05/18/2017 on test, compressions as follows: #1.75/80 #2.77/80 #3.65/80 #4.65/80 #5.68/80 #5-70/8. H48108-1 and see with 100W+. Removed the spark plugs, cleaned, gapped, tested and anteriance performed IAW C414 and TSIO 520 MM as applicable. Performed post

51 N

## CommandAviation

2010 W Bakerview Road Bellingham, WA 98226

LICENCE NUMBER

RH ENGINE

A/C: N414G SN: 414-0024 ENGINE: TSIO 520 NB S/N 521470

Hobbs: 701.2

Date 40007010 00 10 200

Troubleshot atternator winning and found atternator field wire broken. Repaired broken wire and recowled engine. All maintenance performed IAW C414 and TSIO 520 MM as anotherable. Devidence of the performed IAW C414 and TSIO. 520 MM/as applicable. Performed post maintenance ops and leak check, no defects noted

Crain Scamehorn A&P/ IA

RH ENGINE

A/C: N414G S/N: 414-0024 ENGINE: TSIO-520-NB S/N: 521470

**CommandAviation** Hobbs: 748.8

AFTT- 4629 8

Date: 09/06/29

2010 W Bakerview Road

Bellingham, WA 98226

Drained oil and removed oil fitter Installed new champion oil fitter CH4810S-1 and six with 100W+ Washed down engine. All maintenance and TSIO 520 MM as applicable. Performed post maintenance ops and leak check, no defects noted

DP340COTATA

7-27-17

DRAINED OIL , NO FILTER CHANGE AT THIS TIME. SERVICE

HOBBS 830.6

ENGINE WITH AFROSHELL 100W+ WASH DOWN ENGINE.

TSMOH 1991.4

RHENGINE

PERFORM POST MAINT OPS / LEAK CHECK, NO DEFECTS NOTED ALL MAINT PERFORMED IAW TSIO 570 MM.

ALP JUZI859

2010 W Bakerview Road Bellingham, WA 98226

RH ENGINE

AX: NA14G

S/N: 414-0024 Hobbs 845.4

AFTT 4726.4 Date: 06/21/2018

ENGINE: TSIO-520-NB S/N: 509541 TSMOH 2077 9 CAV 100 hr inspection IAW FAR part 43(d). Performed compression test, compressions as follows: #1-65/80 #2-70/80 #3-73/80 #4-77/80 #5-74/80. Drained oil and removed oil filter. Installed new champion oil filter CH48108.1 and svc with 100V/+ Removed the spark plugs, cleaned, gazoed, tested and reinstalled, Replaced spark plug gaskets with new pin: M674. All maintenance performed IAW C414 and TSIO 520 MM as applicable. Performed post maintenance ops and leak check, no defects noted. AD's checked thru bweekly listing 2018-12.

I certify this engine installation was inspected IAW Annual Inspection and was determined to be in

nehom ASP/ IA AP3406816IA

condition

**RH ENGINE S/N 509541** 

Hobbs 873.2 A/C N414G

A/CTT 4754.2 TSMOH 2105.7

Completed 100 hr inspection . Compression checked as follows: #1 78/80, #2 78/80, #3 78/80, #4 77/80. #5 78/80, #6 78/80. Oil drained and reserviced with Aeroshell 100 plus. Old filter removed and inspected, found to be OK, new 48108-1 filter installed. Spark plugs removed, cleaned, tested and reinstalled. Post maintenance runup and leak check completed, found OK.

I certify this engine has been inspected in accordance with annual inspection and found to be Airworthy.

Marvin Hornbostel, A &P 1897610 IA

Raven Aero Service, Inc.

	TIMI	ERUN	OVE	RHAUL	NOTE: USE BOTH PAG	NSTALLATIONS,	INSPECTIONS, INES AS REQUIRED FOR CON
DATE	HRS.	MIN.	HRS.	MIN.			TOTAL COL
ROUGHT		-					
Left en	gine starter	wiring r	epaired.	oil leaks	Suspect over serviced and c	rankcase breather is	S/N 414-0024 venting. he applicable airworthiness re-
Signatu	re of AME			4527 License	3 9 No.	Work	Sliects on File.
2 2019	75	-7-	2144	.1	TSMOH	(4192	6 ACTT)
\$6.2020	7	.5	2151	.6	15mol1	(4800	ACTI DA
02/10/2	021	N414	G	TCM	TSIO-520NB	S/N: 509541	Right Engine Log
MX	Hobbs			ACTT	ENGIN	E SMOH	ENGINE TSN
9	18.6	PRILETY		4799.6	21.	51.1	7092.9
All wor					rCM SM, AC43.13-1B, 1 standard practices. erencing a 100 hour Ins fot this time.		
All wor		t has be			standard practices. Erencing a 100 hour Ins		with no defects noted
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