TP3910E

AIRCRAFT TECHNICAL LOGS

Section 3. ENGINE

Second Edition

January 1987

Canadä

ENGINE LOG

1. Make

2. Model

3. Specification

 Manufacturer's Serial Number

5. Date of Manufacture

6. Aircraft Inspection Cycle

Horizett Sensen reh

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BU 6603 521470

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MAINTENANCE RECORD

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ay DAIL	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE
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8 Dec 1998	79		454		100 hr sospection and Conneal
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PREVIOUS SUMMARY			d		and the same of the same of the same
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RONIG AIR SERVICE	AFTT: 3521.0	LEFT ENG.:	
115A Airport RD.	HOBBS: 47.3	TSN:	
Newnan, GA 30263	DATE: 11-30-02	TSMOH: 646.6	
1. Performed Annual Inspe	ection IAW Cessna 414	Inspection Guide.	
2. Replaced damaged and	broken exhaust studs in	It. engine.	
Up-graded aircraft from			
RAM drawing #1011 and			
lbs., max ramp weight 655			
Installation IAW RAM Li McCauly C93 Props. The			
IVICCALLY C93 PTODS. The	tottowing instruments r	e-marked for 51C: 1a	CK Indicator
	M745 overhouled Mani		N/66206-0101
PN/C668017-ORAM, SN		fold Pressure Gauge P	
PN/C668017-ORAM, SN/OH, SN/25479-range mar	ked, bench tested, Pilots	fold Pressure Gauge P Airspeed Indicator Ph	V/C661040-0105,
PN/C668017-ORAM, SN/OH, SN/25479-range mar SN/413-range marked, be	ked, bench tested, Pilots nch tested, Co-Pilots Air	fold Pressure Gauge P Airspeed Indicator PN speed Indicator PN/20	V/C661040-0105, 052-4NP,
PN/C668017-ORAM, SN/OH, SN/25479-range mar	ked, bench tested, Pilots nch tested, Co-Pilots Air l, bench tested, Installed	fold Pressure Gauge P Airspeed Indicator PN speed Indicator PN/20 Alcor Part #204-19B I	V/C661040-0105, 052-4NP, EGT Gauge
PN/C668017-ORAM, SN OH, SN/25479-range mar SN/413-range marked, be SN/T12641-range marked Installed new EGT Harne 96 SW, Installed RAM M	ked, bench tested, Pilots nch tested, Co-Pilots Air I, bench tested, Installed ss PN/42527, and EGT I anifold Pressure Relief	fold Pressure Gauge P Airspeed Indicator Ph speed Indicator PN/20 Alcor Part #204-19B Probes PN/86255 IAW Valves PN/1020-2-OH	N/C661040-0105, 052-4NP, EGT Gauge Alcor STC SA , Left Engine
PN/C668017-ORAM, SN. OH, SN/25479-range mar SN/413-range marked, be SN/T12641-range marked Installed new EGT Harne 96 SW, Installed RAM M SN/HD0110, Right Engin	ked, bench tested, Pilots nch tested, Co-Pilots Air I, bench tested, Installed ss PN/42527, and EGT I anifold Pressure Relief e SN/LA0236. Aircraft	fold Pressure Gauge P Airspeed Indicator PN speed Indicator PN/2C Alcor Part #204-19B i Probes PN/86255 IAW Valves PN/1020-2-OH equipped with Hoskin	N/C661040-0105, 052-4NP, EGT Gauge Alcor STC SA , Left Engine
PN/C668017-ORAM, SN. OH, SN/25479-range mar SN/413-range marked, be SN/T12641-range marked Installed new EGT Harne 96 SW, Installed RAM SN/HD0110, Right Engin Flow system IAW RAM	ked, bench tested, Pilots nch tested, Co-Pilots Air I, bench tested, Installed ss PN/42527, and EGT I anifold Pressure Relief ' e SN/LA0236. Aircraft STC. Installed RAM Sli	fold Pressure Gauge P Airspeed Indicator PN speed Indicator PN/20 Alcor Part #204-198 I Probes PN/8625 IAW Valves PN/1020-2-OH equipped with Hoskin p Joints PN/1001-3.	N/C661040-0105, 052-4NP, EGT Gauge Alcor STC SA , Left Engine is Digital Fuel
PN/C668017-ORAM, SN. OH, SN/25479-range mar SN/413-range marked, be SN/T12641-range marked Installed new EGT Harne 96 SW, Installed RAM M SN/HD0110, Right Engin Flow system IAW RAM: 4, Comp Check #1- 72/80	ked, bench tested, Pilots nch tested, Co-Pilots Air I, bench tested, Installed ss PN/42527, and EGT I anifold Pressure Relief e SN/LA0236. Aircraft STC. Installed RAM Sli , #2-70/80, #3-71/80, #	fold Pressure Gauge P Airspeed Indicator Ph Speed Indicator PN/20 Alcor Part #204-1981 Probes PN/86255 IAW Valves PN/1020-2-OH equipped with Hoskin p Joints PN/1001-3. 4-71/80, #5-76/80, #	A/C661040-0105, 052-4NP, EGT Gauge Alcor STC SA Left Engine is Digital Fuel
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La Constitución de la Constituci	TIME	RUN	OVER	SINCE		INSTALLATIONS	, INSPECTIONS,	-
DATE	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PA	GES AND AS MANY	LINES AS REQUIR	ED FOR COMPLET
BROUGHT		-						
	DOM:	C AID	CEDVA	CE.	AFTT: 3521.0	Left en	10	
		G AIR S		CE	HOBBS: 53.9	TSN:	ъ.	
		an, GA			DATE: 12-4-02	TSMO	H: 646.6	
	1101111	, 0						
	+	OI		1.01.	r, filter PN/ CH480	10 conficed u	rith 12Ots of as	ro shell 100
	1,	Chang	ed on a	na titte	leaks noted.	19, Serviceu v	VIIII 12QIS 01 ac	io shell 100
	2	Just all	od pew	ran no	w transducer PN/ 2	01BM SN/1	22872	
	2.	Poplar	ed new	plet &	outlet gasket PN/ 6	32710 on turb	o charger.	
	I conti	Replac	iroroft	engine	or component has t	een inspected	or renaired in	
	1 cerui	y tins a	ircrait,	engine	leral Aviation Regu	bation and bas	heen determine	d to be
					ierai Aviation Regu	nation and has	ben determine	4 10 00
		orthy c			416	1 the	_	
	RICK	Y RON	IG AP2	59294	404IA	7		
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10								
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			-		1000			
	-		-					-
		-			Aircraft Reg:	414G	03-14-03 Work Order:	×
					Manufactur:	TSIO-520-NB	C3232	
	-	7			Model:	521470	Pg. 1 of 1	
	Tie	die	w		Serial Number:	84.9	SMOH:	
	m		E4		Hour Meter:	04.0	ng. TT	
	770-4	158-90	51		Tach Time: AND INSTALLED NEW. REMOVED OIL FILTER A	CERVICED WITH	8 QUARTS OF	
	EMOVED P	USH TUBI	E SEAL O	N#6 CYL	. AND INSTALLED NEW. REMOVED OIL FILTER AI INSTALLED NEW EXHAU	ND CUT OPEN. NO	CONTAMINATION	100
	EROSHELL	100W 50	SAE PLL	IS OIL. P	REMOVED OIL FILTER AN INSTALLED NEW EXHAU ND RAN. OPERATIONAL	ST GASKETS ON	#2, #4, & #6 CTES.	
R		TAILEUF	NGINE AN	D GROU	INSTALLED NEW EXHAU ND RAN. OPERATIONAL	JLEAK CHECKS A	NC CONTRACTOR	
R A	OUND. INS	ASHED E						
	OUND, INS	ASHED E			A CONTRACTOR OF THE PARTY OF TH			
F F	OUND, INS	ASHED E						
F A	OUND. INS	ASHED E						
F F	OUND. INS	ASHED E		-				
F F	OUND, INS	ASHED E						
- A F	OUND, INS	ASHED CI						
- A F	OUND, INS	ASHED C				and and	inepected in	
- A F	OUND, INS	ASHED C	anina D	ronellet Q	r appliance Identified abov	e was repaired and	inspected in	
- A F	The aircraft, accordance	airframe,	engine, pi	ropeller or	r appliance Identified abov	e was repaired and	inspected in	
- A F	The aircraft, accordance	airframe, with curre	engine, pi ent regulati sals of the	ropeller or ons of the	r appliance identified abov Federal Awation Adminis e on file at this repair stats	e was repaired and tration and is appro on under Work Ord	inspected in	
- F	The aircraft, accordance	airframe, with curre	engine, pi ent regulati sals of the	ropeller or ons of the	r appliance identified abov Federal Awation Adminis e on file at this repair stats	e was repaired and tration and is appro on under Work Ord	inspected in	
- A F	The aircraft, accordance	airframe, with curre	engine, pi ent regulati sals of the	ropeller or ons of the	r appliance Identified abov	e was repaired and tration and is appro on under Work Ord	inspected in	

MAINTENANCE RECORD

RONIG AIR SER		T: 3552.7	LT	
115A Airport RD.		BBS:85.6 TE: 04/01/03	TSN:	OH:678.3
CH48109. 2. Complied	il and filter servi With AD 2000-0 aft, engine or con current Federal A ition.	ced with 12QTS	al inspection. N	o desc. noted
,				
R S AVIATION CO (L) HEROKEE COUNTY AIRPO	MODEL: RT A/C REG:	TCM TSIO-52 N414G	O-NB	DATE: 01-01-04 TACH: 123.2
00 AIRPORT DRIVE	A/C S/N:	414-0024		TOTAL: 27
ILL GROUND, GA.	ENG S/N:	521470		SMOH: 769.8
MOVED ALL CYLINDERS. REPLACE HAUST VALVES, PN AEC637781; LINDERS. GROUND INTAKE VAL 636242 REPLACED PN 653877 EX- MSS NI #3 CYLINDER. REPLACED FG DB BLED OIL PRESSURE LINES. SE KGNETOS. REPLACED BREAKERS, FG GONETOS. ADJUSTED IGNITION TE TERS PN 1396-2. PRIMED OIL PUM EL PRESSURES, IDLE MIXTURES A GNED:	ED TWO CYLINDER RINGS, P/N CC11 VES LAPPED ALI AUST LIFTERS IN 4 DUR ROCKER PINS, RVICED WITH AER 'N M3081; BLOCKS MING, FUEL SCREEN P. ENGINE WASHE	S WITH SERVICEA 0 RING SETS; AN L VALVES. EP 4 AND #6 CYLINE P/N 652984 REIN ROSHELL W-100 O S, P/N K1828; AND DS CHECKED AND D, TEST RAN, AN	ID PISTON PINS, LACED FOUR EX ERS. REPLACED STALLED ALL. C III. AND CH4810 DRIVE GEARS, A CLEANED. REPLA D CHECKED FOR RVICE.	NITSREPLACED ALL P/N 630046. HONED HAUST GUIDES, P/N INTAKE LIFTER P/N YLINDERS FLUSHED FILTER. REMOVED 13828. REINSTALLED GED MAG PDESSURE
MOVED ALL CYLINDERS. REPLACE HAUST VALVES, P.N. AFC637781; LINDERS. GROUND INTAKE VAI 636242 REPLACED P.N. 653877 EXH M88 IN #3 CYLINDER. REPLACED F. ID BLED OIL PRESSURE LINES. SE GONETOS. REPLACED BREAKERS, I GONETOS. ADJUSTED IGNITION TB JERS P.N. 1396-2. PRIMED OIL PUM EL PRESSURES, IDLE MIXTURES A	ED TWO CYLINDER RINGS, P/N CC11 VES LAPPED ALI AUST LIFTERS IN 4 DUR ROCKER PINS, RVICED WITH AER 'N M3081; BLOCKS MING, FUEL SCREEN P. ENGINE WASHE	S WITH SERVICEA 0 RING SETS; AN L VALVES. EP 4 AND #6 CYLINE P/N 652984 REIN COSHELL W-100 O S, P/N K1828; AND DS CHECKED AND D, TEST RAN, AN	ID PISTON PINS, LACED FOUR EX- BERS. REPLACED STALLED ALL. C III. AND CH4810 DRIVE GEARS, A CLEANED. REPLA D CHECKED FOR RVICE.	NITSREPLACED ALL P/N 630046. HONED HAUST GUIDES, P/N INTAKE LIFTER P/N YLINDERS FLUSHED FILTER. REMOVED 18828. REINSTALLED ICED MAG PRESSURE LEAKS. ADJUSTED

TO THE STATE OF TH		5-3///5-	
	MODEL:	TCM TSIO-520-NB	DATE: 11-09-04
S& S AVIATION CO (L) CHEROKEE COUNTY AIRPORT		N414G	TACH: 180.0
CHEROKEE COUNTY AIRPORT	A/C S/N:	414-0024	TOTAL:
1800 AIRPORT DRIVE	ENG S/N:	521470	SMOH:
BALL GROUND, GA.			
OIL DRAINED, FILTER REMOVED AND CHI AEROSHELL W100 OIL. ENGINE WASHEI	ECKED. INSTALL D, TEST RAN, AN	ED NEW CH48109 OIL FILT D CHECKED FOR LEAKS.	ER. SERVICED ENGINE WITH RETURNED TO SERVICE.
SIGNED: James J. Dalane)	C	ERT#: 256295713 A&P IA
_ S& SAVIATION CO (L)	MODEL:	TCM TSIO-520-NB	DATE: 02-01-0
CHEROKEE COUNTY AIRPORT	CONTRACTOR OF THE PARTY OF THE	N414G	TACH: 195.
1800 AIRPORT DRIVE		To the state of th	
		17 1 17 17 17 1	- 1011 A 1019
BALL GROUND, GA.	ENG S/N:	521470	SMOH: 842.3
COMPRESSIONS: #1-79, #2-75, #3 79, ROTATED. ADJUSTED IGNITION TIMINO FILTERS P/N 1396-2. INSTALLED NEW CHECKED FOR LEAKS. ADJUSTED 1 SERVICE. SIGNED:	FUEL SCREENS P12-8156 INDUCT FUEL PRESSURES	CHECKED AND CLEANED TION AIR FILTERS. ENGING, IDLE MIXTURES AND	D. REPLACED MAG PRESSURE WE WASHED, TEST RAN, AND
- waste die ge-	-		and the second second
S& S AVIATION CO (L)	MODEL:		DATE: 09-14-05
 CHEROKEE COUNTY AIRPOR 		N414G	TACH: 256.8
1800 AIRPORT DRIVE	A/C S/N:	414-0024	TOTAL:
BALL GROUND, GA.	ENG S/N:	521470	SMOH:
The state of the s			
OIL DRAINED. FILTER REMOVED AND C AEROSHELL WIM OIL. ENGINE WASTI		ND CHECKED FOR LEAKS.	
AEROSHELL WIOO OIL. ENGINE WASH		ND CHECKED FOR LEAKS.	RETURNED TO SERVICE.
S& SAVIATION CO (L)	MODEL:	TCM TSIO-520-NB	RETURNED TO SERVICE. CERT#: 256295713 A&P IA DATE: 03-01-06
aeroshell wio oil. engine wash	MODEL:	TCM TSIO-520-NB	RETURNED TO SERVICE. CERT#: 256295713 A&P IA DATE: 03-01-06
S& SAVIATION CO (L) CHEROKEE COUNTY AIRPOR	MODEL:	TCM TSIO-520-NB N414G	RETURNED TO SERVICE. CERT#: 256295713 A&P IA DATE: 03-01-06
S& SAVIATION CO (L)	MODEL:	TCM TSIO-520-NB N414G	DATE: 03-01-06 TACH: 294.2
S& SAVIATION CO (L) CHEROKEE COUNTY AIRPOR	MODEL: A/C REG: A/C S/N: ENG S/N: CHECKED. SERV! #4-70, #5-76, #6- G. FUEL SCRED.	TCM TSIO-520-NB N414G 414-0024 521470 CED WITH AEROSHELL W-75 . SPARK PLUGS CLEATON AND CLEANE TION AIR FILTERS. ENGI	DATE: 03-01-06 TACH: 294.2 TOTAL: SMOH: 940.8 100 OIL AND CH48108 FILTER NED, GAPPED, PAINTED, AND D. REPLACED MAG PRESSURE NE WASHED, TEST RAN, AND
S& S AVIATION CO (L) CHEROKEE COUNTY AIRPOR 1800 AIRPORT DRIVE, BALL GROUND, GA. OIL DRAINED, FILTER REMOVED AND C COMPRESSIONS: #1-74, #2-72, #3 78, ROTATED, ADJUSTED IGNITION TIMIN FILTERS PIN 1396-2. INSTALLED NEW CHECKED FOR 1EA/S, ADJUSTED	MODEL: A/C REG: A/C S/N: ENG S/N: CHECKED. SERV! #4-70, #5-76, #6- G. FUEL SCRED.	TCM TSIO-520-NB N414G 414-0024 521470 CED WITH AEROSHELL W-75 . SPARK PLUGS CLEANES CLIECKED AND CLEANETION AIR FILTERS. ENGIS, IDLE MIXTURES AND	DATE: 03-01-06 TACH: 294.2 TOTAL: SMOH: 940.8 100 OIL AND CH48108 FILTER NED, GAPPED, PAINTED, AND D. REPLACED MAG PRESSURE NE WASHED, TEST RAN, AND
S&SAVIATION CO (L) CHEROKEE COUNTY AIRPOR 1800 AIRPORT DRIVE, BALL GROUND, GA. OIL DRAINED. FILTER REMOVED AND C. COMPRESSIONS: #1.74, #2.72, #3 78, ROTATED. ADJUSTED IGNITION TIMIN FILTERS PIN 1994-2. INSTALLED NEW CHECKED FOR LEAKS. ADJUSTED. SERVICE.	MODEL: RT A/C REG: A/C S/N: ENG S/N: ENG S/N: 6. FUEL SCREEN 7 P12-8156 INDUC	TCM TSIO-520-NB N414G 414-0024 521470 CED WITH AEROSHELL W-75 . SPARK PLUGS CLEANES CLIECKED AND CLEANETION AIR FILTERS. ENGIS, IDLE MIXTURES AND	DATE: 03-01-06 TACH: 294.2 TOTAL: SMOH: 940.8 100 OIL AND CHASTOS FILTER VED, GAPPED, PAINTED, AND D. REPLACED MAG PRESSURE NE WASHED, TEST RAN, AND IDLE SPEED. RETURNED TO
S&SAVIATION CO (L) CHEROKEE COUNTY AIRPOR 1800 AIRPORT DRIVE, BALL GROUND, GA. OIL DRAINED. FILTER REMOVED AND C. COMPRESSIONS: #1.74, #2.72, #3 78, ROTATED. ADJUSTED IGNITION TIMIN FILTERS PIN 1994-2. INSTALLED NEW CHECKED FOR LEAKS. ADJUSTED. SERVICE.	MODEL: RT A/C REG: A/C S/N: ENG S/N: ENG S/N: 6. FUEL SCREEN 7 P12-8156 INDUC	TCM TSIO-520-NB N414G 414-0024 521470 CFD WITH AEROSHELL W- CFD WITH AEROSHELL W- S CHECKED AND CLEANE TION AIR FILTERS. ENGI S, IDLE MIXTURES AND	DATE: 03-01-06 TACH: 294.2 TOTAL: SMOH: 940.8 100 OIL AND CHASTOS FILTER VED, GAPPED, PAINTED, AND D. REPLACED MAG PRESSURE NE WASHED, TEST RAN, AND IDLE SPEED. RETURNED TO
S& S AVIATION CO (L) CHEROKEE COUNTY AIRPOR 1800 AIRPORT DRIVE, BALL GROUND, GA. OIL DRAINED FILTER REMOVED AND C COMPRESSIONS: #1-74, #2-72, #3 78, ROTATED, ADJUSTED IGNITION TIMIN FILTERS PIN 1396-2. INSTALLED NEW CHECKED FOR LEAVS. ADJUSTED SERVICE.	MODEL: RT A/C REG: A/C S/N: ENG S/N: ENG S/N: 6. FUEL SCREEN 7 P12-8156 INDUC	TCM TSIO-520-NB N414G 414-0024 521470 CFD WITH AEROSHELL W- CFD WITH AEROSHELL W- S CHECKED AND CLEANE TION AIR FILTERS. ENGI S, IDLE MIXTURES AND	DATE: 03-01-06 TACH: 294.2 TOTAL: SMOH: 940.8 100 OIL AND CHASTOS FILTER VED, GAPPED, PAINTED, AND D. REPLACED MAG PRESSURE NE WASHED, TEST RAN, AND IDLE SPEED. RETURNED TO

BALL GROUND, GA. ENG S/N: 521470 SMOH: 1026.8

OIL DRAINED, FILTER REMOVED AND CHECKED. SERVICED WITH AEROSHELL W-100 OIL AND CH48108 FILTER.
COMPRESSIONS #1-78, #2-65, #3 78, #4-70, #5-78, #6-78. SPARK PLUGS CLEANED, GAPPED, PAINTED, AND ROLAILED ADJUSTED IGNITION TIMING, FUEL SCREENS CHECKED AND CLEANED REPLACED MAG PRESSURE FILTERS PN 1396-2. INSTALLED NEW P12-8136 INDUCTION AIR FILTERS. ENGINE WASHED, TEST RAN, AND CHECKED FOR LEAKS. ADJUSTED FUEL PRESSURES, IDLE MIXTURES AND IDLE SPEED. RETURNED TO SERVICE.

SIGNED: CERT#: 3191860 A&P IA

	The second second	-	MOINE SE	DVICE AND	
S& SAVIATION CO	(L)	MODEL:	TCM TSIO-520-NB	DATE: 07-20-07	
CHEROKEE COUN	TV AIDDODT				
			N4140	TACH: 0407.3	
1800 AIRPORT DR	IVE	A/C S/N:	414-0024	TOTAL:	
BALL GROUND, GA	MIN HPS.	ENG S/N:	521470	SMOH:	PLETE
PHILLIPS 20W50 OIL, RE	PLACED #3 CYLIN	DER WITH OVE	LED NEW CH48108 OIL FIL RHAULED CYLINDER AS: RETURNED TO SERVIC	TER. SERVICED ENGINE WITH SY P/N ECC71.2 CN S/N 22640-8 E.	
SIGNED:	Hodin			CERT#: 3191860 A&P IA	
S& S AVIATION	co (L)	MODE	L: TCM TSIO-520-N	NB DATE: 12-13-0	07
- CHEROKEE CO		RT A/C REC	3: N414G	TACH: 0038	
			N: 414-0024	TOTAL	,.5
_ 1800 AIRPORT		ENG S/		SMOH:	
BALL GROUND,	GA.	ENG S/	N: 321470	SMOH:	
OIL DRAINED. FILTI	ER REMOVED AND OUL. ENGINE WAS	CHECKED. INS	N, AND CHECKED FOR LE	L FILTER. SERVICED ENGINE WI AKS. RETURNED TO SERVICE. CERT#: 3191860 A&P IA	т —
- SIGNED.	" flood			CERTS. 5171800 ACT IA	
	1				
. S& S AVIATION C	O (L)	MODEL	: TCM TSIO-520-NB	DATE OF IT OF	1
CHEROKEE CO	UNTY AIRPOR	T A/C REG	NA14G		
1800 AIRPORT L	DRIVE	A/C S/N:		TACH: 0073.7	,
BALL GROUND, C	iA.	ENG S/N:	0027	TOTAL:	
			521470	SMOH: 1127.6	,
CHECKED AND CLE	HAFT SEAL P/N 6 ANED. REPLACED STALLED. ENGIN	41250. CHECKE MAG PRESSUR	D AND ADJUSTED IGNIT	7-100 OIL AND CH48108 FILTER RK PLUGS WITH NEW RIBSIS ION TIMING. FUEL SCREENS D2007-04-19R1 DNA AFFECTED OR LEAKS. ADJUSTED FUEL	
				CERT#: 3191860 A&P IA	
	, ,		TOM TOTO 520 ND	DATE: 11-25-08	
S& S AVIATION CO	(L)		TCM TSIO-520-NB	TACH: 0116.6	A55 (A 0)
CHEROKEE COU		A/C REG:	N414G	1110111	
1800 AIRPORT D		A/C S/N:	414-0024	TOTAL:	
BALL GROUND, G.	4.	ENG S/N:	521470	SMOH:	
OH DRABIED BUTER	BEMOVED IND.C	UECVED INSTA	ALLED NEW CHARLOS OIL F	FILTER. SERVICED ENGINE	
WITH AEROSHELL W	100 OIL. LUBRICA	TED EXHAUST	SLIP JOINTS AND WAS S. RETURNED TO SERVICE	LEGALES WITH INCOME	
	2 1				
6	111		de la companya della companya della companya de la companya della	40.0014	
SIGNED:	1 Ahi	e	Secretaria de la casa	CERT#: 3191860 A&P IA	
			Company of the company	_	
		- 1-	-		
	DATE: 11/11/2	2008	300	AIRCRAFT REG: N414G -	
	MAKE / MOD	EL: Cessna 414		AIRCRAFT S/N: 414-0024	_
	HM: 112.4		II. HIG	1 to 00 to TT. 000	
TOTAL THIS PAGE	Ground re	magneto on lef	engine with a new magn	ieto PN 6320, SN 08101419.	
PREVIOUS SUMMARY	Signature:	checked operat	ion.		
TOTAL	Schmidt Avia	tion, Inc. 1020	NW 62nd Com	d A. Schmidt, AP14749761A 5, Ft. Lauderdale, FL 33309	
SINCE MFG.	(9	54) 772-0772 Fa	ix (954) 938-5173 SCHMI	DTAV@aol.com	

MAINTENANCE RECORD

, ,	V= -
S& SAVIATION CO (L) MODEL: TCM TSIO-520-NB	
CHEROKEE COUNTY AIRPORT A/C REG: N414G	TACH: 0153.1 LICEN
1800 AIRPORT DRIVE A/C S/N: 414-0024	TOTAL:
BALL GROUND, GA. ENG S/N: 521470	SMOH: 1207.0
OIL DRAINED. FILTER REMOVED AND CHECKED. SERVICED WITH AEROSHELL W-COMPRESSIONS: #1-79, #2-64, #3-79, #4-68, #5-77, #6-75. CLEANED. GAPPED. A REPAIRED #6 TOP PLUG LEAD. CHECKED AND ADJUSTED IGNITION TIMING. F CLEANED. REPLACED MAG PRESSURE FILTERS P/N 1396-2. ENGINE WASHED, TILEAKS. ADJUSTED EVEL PRESSURES, IDLE MIXTURES AND IDLE SPEED. RETU	ND ROTATED SPARK PLUGS. UEL SCREENS CHECKED AND EST RAN, AND CHECKED FOR JENED TO SERVICE.
SIGNED: fri fluty	CERT#: 3191860 A&P IA
S& SAVIATION CO (L) MODEL: TCM TSIO-520-NB CHEROKEE COUNTY AIRPORT A/C REG: N414G 1800 AIRPORT DRIVE A/C S/N: 414-0024 BALL GROUND, GA. ENG S/N: 521470	DATE: 10-20-09 TACH: 0194.2 TOTAL: SMOH:
OIL DRAINED, FILTER REMOVED AND CHECKED. INSTALLED NEW CH48108 OIL FIL AEROSHELL W100 OIL. LUBRICATED EXHAUST SLIP JOINTS AND WASTEGATE: WASHED, TEST RAN, AND CHECKED FOR LEAKS. RETURNED TO SERVICE.	LTER. SERVICED ENGINE WITH S WITH MOUSE MILK. ENGINE
SIGNED: July	CERT#: 3191860 A&P IA
S& SAVIATION CO (L) MODEL: TSIO-520-NB	DATE: 01-15-2010
CHEROKEE COUNTY AIRPORT A/C REG: N414G	TACH: 0215.1
1800 AIRPORT DRIVE A/C S/N: 414-0024	TOTAL:
BALL GROUND, GA. ENG S/N: 521470	SMOH:
OIL DRAINED. FILTER REMOVED AND CHECKED. INSTALLED NEW CH48108-1. WITH PHILLIPS20W50 OH REPLACED #2 & #4 CYLINDER WITH OVERHAULED C SN'S 33526-9 & 33526-8 REPLACED #4 CONNECTING ROD WITH OVERHAULED UNITEST RAN, AND CHECKED FOR LEAKS. RETURNED TO SERVICE. SIGNED:	
S& SAVIATION CO (L) MODEL: TCM TSIO-520-N CHEROKEE COUNTY AIRPORT A/C REG: N414G	TACH: 0277.0
1800 AIRPORT DRIVE A/C S/N: 414-0024	TOTAL:
BALL GROUND, GA. ENG S/N: 521470	SMOH: 1330.9
OIL DRAINED. FILTER REMOVED AND CHECKED. SERVICED WITH AEROSH FILTER. COMPRESSIONS: #1-74, #2-75, #3 75, #4-77, #5-76, #6-77, CLEANED, GAPP REMOVED, DISASSEMBLED AND INSPECTED LEFT AND RIGHT MAGNETOS. REPLYIN K3823, CONTACT ASSY P'N M3081, DISTRIBUTOR DRIVE GEAR P'N K3828 IN TIMING AND REINSTALLED. AD2009-16-03 DNA AFFECTED CYLINDERS NOT IN AFFECTED CYLINDERS NOT IN STALLED. AD2010-11-04 DNA AFFECTED LIFTERS CHECKED AND CLEANED. REPLACED MAG PRESSURE FILTERS PN 1396-2. EICHECKED FOR LEAKS. ADJUSTED FUEL PRESSURES, IDLE MIXTURES AN SERVICE.	LED, AND ROTATED SYMEN PLUOS. ACED DISTRIBUTOR BLOCK ASSY SLEFT MAGNETO. SET INTERNAL NSTALLED. AD2009-19-07 C2 DNA NOT INSTALLED. FUEL SCREENS NOT INSTALLED. FUEL SCREENS
y (M. I.	CERT#: 3191860 A&P IA
SIGNED:	CERT#: 3191800 A&P IA

		TCM TSIO-520-NB N414G	DATE: 08-10-2010 TACH: 0307.5	
CHEROKEE COUNTY AIRPO	A/C S/N:	414-0024	TOTAL:	-
1800 AIRPORT DRIVE	ENG S/		SMOH:	
BALL GROUND, GA.	ENG S/	N: 321470	SMOH:	ETE
OIL DRAINED. FILTER REMOVED AN AEROSHELL WI00 OIL. REPLACED C 535634 AND TACH DRIVE OIL SEAL F PN 646210-11A1 SN A318033B. LUB ENGINE WASHED, TEST RAN, AND	OIL PUMP AND START ON 531378. REPLACED RICATED EXHAUST	ER ADAPTER GASKETS. RE DENGINE DRIVEN FUEL PUI SLIP JOINTS AND WASTI	PLACED TACH DRIVE PIN P/N MP WITH OVERHAULED UNIT EGATES WITH MOUSE MILK	
SIGNED: Jim Has	Lix_	- C	ERT#: 3191860 A&P IA	
S& SAVIATION CO (L)	MODEL	: TCM TSIO-520-NB	DATE: 07-01-2011	
CHEROKEE COUNTY AIRI				-
1800 AIRPORT DRIVE	A/C S/N:	414-0024	TACH: 0370.2 TOTAL:	
BALL GROUND, GA.	ENG S/N			
E. SE GROVIII, UA.	ENG S/N	. 321470	SMOH: 1424.1	_
OIL DRAINED. FILTER REMOVED AT FILTER. COMPRESSIONS: #1-XX, #2: REMOVED AND REPLACED # 1 CV INSTALLED CYLINDER WITH NEW REPLACED MAG PRESSURE FILT ADJUSTED FUEL PRESSURES, IDL	-74, #3 74, #4-70, #5-70 LINDER WITH SERVI RINGS, GASKETS, AN 'ERS P/N 1396-2. ENG), #6-77. CLEANED, GAPPED, ICEABLE UNIT. REPLACED ID HARDWARE, FUEL SCREI GINE WASHED. TEST RAN	AND ROTATED SPARK PLUGS, EXHAUST VALVE AEC637781, ENS CHECKED AND CLEANED. AND CHECKED FOR LEAKS	=
SIGNED:	Sie		CERT#: 3191860 A&P IA	-
			CERT#: 3191800 A&P IA	_
CITED ON THE TRANS	OPT A COREC	TCM TSIO-520-NB		
CHEROKEE COUNTY AIRP 1800 AIRPORT DRIVE BALL GROUND, GA. OIL DRAINED. FILTER REMOVED AN AEROSHELL WIDO OIL. REPLACED EXHAUST SLIP JOINTS AND WAST	A/C S/N: ENG S/N:	LED NEW CH48108-1 OIL FIL		
1800 AIRPORT DRIVE BALL GROUND, GA. OIL DRAINED FILTER REMOVED AN AEROSHELL WI00 OIL REPLACED EXHAUST SLIP JOINTS AND WAST LEAKS. RETURNED TO DERVICE.	A/C S/N: ENG S/N:	414-0024 521470 LED NEW CH48108-1 OIL FIL	TOTAL: SMOH: TER. SERVICED ENGINE WITH	
1800 AIRPORT DRIVE BALL GROUND, GA. OIL DRAINED. FILTER REMOVED AN AEROSHELL WI00 OIL. REPLACED EXHAUST SLIP JOINTS AND WAST	A/C S/N: ENG S/N:	414-0024 521470 LED NEW CH48108-1 OIL FIL IAULED UNIT P/N 407810-90 E MILK, ENGINE WASHED, T	TOTAL: SMOH: TER. SERVICED ENGINE WITH	
1800 AIRPORT DRIVE BALL GROUND, GA. OIL DRAINED FILTER REMOVED AN AEROSHELL WI00 OIL REPLACED EXHAUST SLIP JOINTS AND WAST LEAKS. RETURNED TO DERVICE.	A/C S/N: ENG S/N: ED CHECKED. INSTAL TURBO WITH OVERFEGATES WITH MOUSE	414-0024 521470 LED NEW CH48108-1 OIL FIL IAULED UNIT P/N 407810-90 E MILK, ENGINE WASHED, T	TOTAL: SMOH: TER. SERVICED ENGINE WITH OI S/N III.00056, LUBRICATED EST RAN, AND CHECKED FOR CERT#: 3191860 A&P IA	
1800 AIRPORT DRIVE BALL GROUND, GA. OIL DRAINED. FILTER REMOVED AN AEROSHELL WI00 OIL. REPLACED EXHAUST SLIP JOINTS AND WAST LEAKS. RETURNED DETERVICE. SIGNED:	A/C S/N: ENG S/N: ENG S/N: DCHECKED. INSTAL TURBO WITH OVERFEGATES WITH MOUSI ACCOUNTY OF THE MOUSI ACCOUNTY OF THE MOUSI C/W 50Hr oil chang found Replaced fille Acroshell 15W/50 C RHB32E 12 each. Rd	414-0024 521470 LED NEW CH48108-1 OIL FIL HAULED UNIT P/N 407810-90 E MILK. ENGINE WASHED, T C A S/N: 4140024 HOB C: Drained oil and removed filter. C r with new P/N CH48108-1. Service //W AD2000-01-16 part B installed an engine and no leaks noted	TOTAL: SMOH: TER SERVICED ENGINE WITH 101 S.N IJL00056. LUBRICATED EST RAN, AND CHECKED FOR CERT#: 3191860 A&P IA BS: 436.6 ut filter open, No metal rd engine with 12 Qts of new spark plugs	
1800 AIRPORT DRIVE BALL GROUND, GA. OIL DRAINED FILTER REMOVED AN AEROSHELL WI00 OIL REPLACED EXHAUST SLIP JOINTS AND WAST LEAKS. RETURNED DE RERVICE. SIGNED: Corporate Air Cente 15452 - Airport Drive Burlington, WA 98233 Phone (360) 373-7757	A/C S/N: ENG S/N: ENG S/N: DCHECKED. INSTAL TURBO WITH OVERFEGATES WITH MOUSI ACCOUNTY OF THE MOUSI OF MAIAGE C-41. C/W 50Hr oil chang found Replaced fille Acroshell 15W/50 C RHB32E 12 each. Rd	414-0024 521470 LED NEW CH48108-1 OIL FIL IAULED UNIT P'N 407810-90 E MILK. ENGINE WASHED, T	TOTAL: SMOH: TER SERVICED ENGINE WITH 101 S.N IJL00056. LUBRICATED EST RAN, AND CHECKED FOR CERT#: 3191860 A&P IA BS: 436.6 ut filter open, No metal rd engine with 12 Qts of new spark plugs	
1800 AIRPORT DRIVE BALL GROUND, GA. OIL DRAINED FILTER REMOVED AN AEROSHELL WI00 OIL REPLACED EXHAUST SLIP JOINTS AND WAST LEAKS. RETURNED TO RERVICE. SIGNED: Corporate Air Cente 15452 – Airport Drive Burlington, WA 98233 Phone (360) 137-7757 Fax (360) 757-1557	A/C S/N: ENG S/N: ENG S/N: DCHECKED. INSTAL TURBO WITH OVERFEGATES WITH MOUSI ACCOUNTY OF THE MOUSI OF MAIAGE C-41. C/W 50Hr oil chang found Replaced fille Acroshell 15W/50 C RHB32E 12 each. Rd	414-0024 521470 LED NEW CH48108-1 OIL FIL HAULED UNIT P/N 407810-90 E MILK. ENGINE WASHED, T C A S/N: 4140024 HOB C: Drained oil and removed filter. C r with new P/N CH48108-1. Service //W AD2000-01-16 part B installed an engine and no leaks noted	TOTAL: SMOH: TER SERVICED ENGINE WITH 101 S.N IJL00056. LUBRICATED EST RAN, AND CHECKED FOR CERT#: 3191860 A&P IA BS: 436.6 ut filter open, No metal rd engine with 12 Qts of new spark plugs	
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1800 AIRPORT DRIVE BALL GROUND, GA. OIL DRAINED. FILTER REMOVED AN AEROSHELL WI00 OIL. REPLACED EXHAUST SLIP JOINTS AND WAST LEAKS. RETURNED TO RERVICE. SIGNED: Corporate Air Cente 15452 – Airport Drive Burlington, WA 98233 Phone (360) 137-7757 Fax (360) 757-1557	A/C S/N: ENG S/N: ENG S/N: DCHECKED. INSTAL TURBO WITH OVERFEGATES WITH MOUSI ACCOUNTY OF THE MOUSI OF MAIAGE C-41. C/W 50Hr oil chang found Replaced fille Acroshell 15W/50 C RHB32E 12 each. Rd	414-0024 521470 LED NEW CH48108-1 OIL FIL IAULED UNIT P'N 407810-90 E MILK. ENGINE WASHED, T	TOTAL: SMOH: TER SERVICED ENGINE WITH 101 S.N IJL00056. LUBRICATED EST RAN, AND CHECKED FOR CERT#: 3191860 A&P IA BS: 436.6 ut filter open, No metal rd engine with 12 Qts of new spark plugs	

Co				
Corporate Air Center	N414G C-414 S/N: 0024 HOBBS: 463.3			
15452 – Airport Drive Burlington, WA 98233 Phone (360) 757-7757 Fax (360) 757-1557	This engine was inspected in accordance with FAR 43 Appendix D for 100Hr/Annual inspection. Compressions are as follows 1)72/80, 2)78/8 (468.80, 5)72/80 and 6)72/80. AD 2012-03-06 Fuel Servo Does Not A 648.80, 5)72/80 and 6)72/80. AD 2012-10-16 for bot spitchs, para B visual insp of exhaust every 50hr/30 days next due 43 exmove tail pipe and insp every 12mos next due 8/2013. C/W para D visual formove tail pipe and insp every 12mos next due 8/2013. C/W para D visual formove tail pipe and insp every 12mos next due 8/2013. C/W para D visual formove tail pipe and insp every 12mos next due 8/2013. C/W para D visual formove tail pipe and insp every 12mos next due 8/2013. C/W para D visual formovers.	30, 3)74/80, pply AD h exhaust	TURE	LICENCE
SATISFIES AND ADMINISTRATION OF THE PROPERTY O			-	
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	check exhaust every 12mos next due at 82013, para F is due at 4534 2, due at 62010 or 82014 which ever occurs first. A 08-26-62 paper in filter is due at 47512. I certify that this engine has been impered in ac with a 100Hr/Annual inspection and found to be in an airworthy condit	Para G is duction air		
Heater Hobbs: 1338.1	W. P.C.C	L		
	8/17/2012 Daniel P Monahan AP32484081A			
6/2/2013 513	5.7 Hobbs			
DRAINED OIL	AND REHIVED FILTER SERVICED WI	/		
	HELL 15W50 ANT TOUPEST FILTER			
4-48168-1	MAINT CHECK GOOD	1		
-1 10,00 1	V			
	BELL OWNER- PLOT			
	CEPLTIFICATE 2838306			
C/N No.	146 C-414 S/N: 0024 HOBBS: 522.6 AD2000-01-16 part B. Performed visual inspection of entire exhaust systomacks, sags, distortion or holes found. Lubed waste gate and slip joints with semilk. Next due in 4453 6 TT.	m.		
Airframe TT. 4403.6 R/H Eng SMOH. 1755.2 L/H Eng SMOH. 1576.5 R/H Prop SMOH. 1587.4 L/H Prop SMOH: 1587.4 Heater Hobbs: 1338.1 06/19/	Daniel F Monahan AP32484081A			
CommandAviation Being DATE: 0901/2013 ENGINE MAKE 1CM MC	CEL TSID 520 MB	K INSER	r	
	9 TOTAL CYCLES NA Installed on Aircraft N414G ACTT: crify that this engine has been inspected (AW an aircraft inspection and was determined to be	4445.0		
Performed initial engine run, checked engine filter for contamination, none found. Removed seals and rocker cover gastets on coverders. 2	collane), inspected oil fibri and Compression less. 1/7-580 2/7/290 3/7/180 4/7/280 5/2/290 5/2/200 5/2/200 5/2/200 5/	7480 Cut open an	inspected of	
Maintenance Release: The Engine and/or co subsequently approved for return to service.		ral Aviation Administ	ation, and is	

DATE	TIME	RUN		SINCE	INSTALLATIONS, INSPECTIONS,	
	HRS.	MIN.	HRS.	MIN.	NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMP	ETE
DAT EN	mmand. E 02/19/2	015 TOM	2010 W E 1) Belingha	EU: TSIO-S	LEFT ENGINE LOGBOOK INSERT	
CC MM	entenance perform Performed initial e er for contamination. Washed engine	ned at this tim rigine run, che on, none foun externally, in se: The En	spection , I ce the ecked engine d. Serviced er spected engine gine and/or co	rify that this e of level, inspe igne with Aen le for general	ALCYCLES NA Installed on Arcraft N414G ACT1: 4482 4 engine has been inspected IAW an annual inspection and was determined to be in amorthy condition ected of filter and Compression test: 1)72/80 2)75/80 3)75/80 4)72/80 5)72/80 6)72/80 Cut open and inspected o rowheld 15/80 de and a new Compression lister Performed all servicing and Libication required for this type of inspection, performed a post engine performance run. ethic. ethic. CTIO.	pec-
LHI	ENGINE		10004	Hobbs	CommandAviation 2010 W Bakerview Road Bellingham, WA 98226	
C/W comp	NE: TSIO-520-8 100 hr inspecto ressions as follows we with 100W+	on IAW FAR ows: #1-70/6 Removed to	S/N: 52 part 43(d). (80 #2 68/80) he spark plu	1470 CW AD Ame #3-71/80 #4 gs, cleaned, pplicable Pe	TSMCH. 1737 I redment Effective by visual inspection of lines for condition and security. Performed compression less 4.50,80 sty. 7009 65-55,800. Dramed of and removed of filter. Installed new champion of filter CH881 in gapzed, lested and reinstalled. Replaced spark plug gaskets with new phr. M674. All maintenance Performed post maintenance ops and leak check, no defects noted by this engine installation was inspected IAW Annual Inspection and found to be in an inspected CFA in Science on ASI.	08-1 tion
C/W comp	NE: TSIO-520-8 100 hr inspecto ressions as follows we with 100W+	NB on IAW FAR ows: #1-70/6 Removed to	S/N: 52 part 43(d). (80 #2 68/80) he spark plu	1470 CW AD Ame #3-71/80 #4 gs, cleaned, pplicable Pe	TSI/CH. 1737 1 Tendiment Effective by visual inspection of lines for condition and society. Performed compression lies 4.50/E01 95.70(90 95-55(90). Diamed of and removed of filter. Installed new champion of filter CH4811 gapoed, tested and rensaled. Replaced spark plug gaskets with new pln: M674. All maintenance. Performed post maintenance cops and leak check, no defects noted. fly this engine installation was inspected IAW Annual Inspection and found to be in any first or conditions.	08-1 tion
C/W comp	NE: TSIO-520-8 100 hr inspecto ressions as follows we with 100W+	NB on IAW FAR ows: #1-70/6 Removed to	S/N: 52 part 43(d). (80 #2 68/80) he spark plu	1470 CW AD Ame #3-71/80 #4 gs, cleaned, pplicable Pe	TSMCH. 1737 I redirent Effective by visual inspection of lines for condition and society. Performed compression let 4.50,60 sts 7009 of 5.5080. Dispred of and removed of filter. Installed new champon of filter CH4811 gapped, festled and reinstalled. Replaced spark plug gaskets with new phr. M674. All maintenance reformed post maintenance ops and leak check, no defects noted by this engine installation was inspected IAW Annual Inspection and found to be in an inspect. Craig Science on A87 APTHICAGE 20	tion
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C/M Compand and a perfo	NE: TSIO-520 NO SHEET SIO-520 NO	NB on IAW FAR point IAW FAR Removed B and TSIO 5	S/N 52 part 43(d), 0 be 2 58/80 be 2 58/80 b	1470 CAM AD Ame 3-71/80 #4- 35, Cleaned, pplicable Po I certify	TSMCH. 1737 1 TSMCH. 1 TSMCH. 1737 1 TSMCH. 1 T	OB-1 Stion P/IA A14

2010 W Bakerview Road Bellingham, WA 98226

CENCE JMBER

LH ENGINE

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

Hobbs 802 0 AFTT: 4683 TSMOH 1849 9

Date: 05/18/2017

CW 100 hr. inspection IAW FAR part 43(d). Performed compression test, compressions as follows: #1-72/80 #2-70/80 #3-50/80 #4-65/80 #5-75/80 #6-75/80 Drained oil and removed oil filter. Installed new champion oil filter CH48108-1 and svc with 100W+. Removed the spark plugs, cleaned, gapped, tested and reinstalled. Replaced spark plug gaskets with new p/n. M574. Removed leaking vacuum pump, disassembled, cleaned, repared and reinstalled with new gaskets. All maintenance performed IAW C414 and TSIO 520 MM as applicable. Performed post maintenance ops and leak check, no defects noted

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

Craig Scamehorn A&P/ IA

Command Aviation

2010 W Bakerview Road Bellingham, WA 98226

LH ENGINE A/C N414G

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

Hobbs: 830.6 TSMOH 1895.4 AFTT 47116

Date 07/24/2017

Removed leaking vacuum pump and send out for exchange Installed overflaul exchange unit from Arcraft Accessories of Cklahoma. (ph. 39207 in 55023) All maintenance performed IAW C414 and TSIO 520 MM as applicable. Performed post maintenance ops and leak check, no defects noted

> DP3406516ID Craig Scamehorn A&P/ IA

*7.27.17

-DRAINED DIL. NO FILTER CHANGE AT THIS TIME

HOBBS: 830. 6

SERVICE ENGINE WITH 100W+ AEROSHEW. WAGH DOWN

LH ENGINE

ENGINE PERFORM POST MAINT OP LEAK CHECK, NO

DEFECTS NOTED - ALL MAINT. PERFORMED IAW TSIO 520MM

A4 3621859

Command Aviation

2010 W Bakerview Road Bellingham, WA 98226

LH ENGINE

ACC NAME. SN: 414.0024 Hobbs: 845.4

AFTT 4726.4

Date 06/21/2018

ENGINE TSIO-520-NB S/N 521470

TSMOH: 1893.3

CW 100 hr. inspection IAW FAR part 43(d). Performed compression test, compressions as follows: #1-68/80 #2-64/80 #3-78/80 #4-60/80 #5-78/80 #6-74/80 Drained oil and removed oil filter, installed new champion oil filter CH48108-1 and svc with 100W+. Removed the spark plugs, cleaned, gapped, tested and reinstalled. Replaced spark plug gaskets with new p/n: 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 Isting 2018-12.

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

Craig Scamehorn A&P/ IA AP3406816IA

L/H ENGINE S/N 521470 A/C N414G Hobbs 873.2 A/C TT4754.2 TSMOH 1921.1 Completed 100 hr inspection. Compression checked as follows: #1 78/80, #2 78/80, #3 78/80 #4 76/80, #5 76/80, #6 78/80. Oil drained and reserviced with Aeroshell 1300 plus. Oil filter removed and inspected, found to be OK. New 48108-1 filter installed. Spark plugs removed, cleaned and tested Top plugs on Cylinders #2 2 & 6 and bottom cylinder #4 replaced due to resistance failure. Post maintenance runup and leak check completed, found OK. Letrity this engine has been inspected in accordance with Annual Inspection and found to be Airworthy. Mustang Maintenance & Repairs 11/16-9 TTSN Natag Maintenance & Repairs 11/16-9 TTSN Natag Maintenance with a specific for source of oil leaks. Suspect over serviced and erankcase breather is venting. The property of the	DATE	TIME	RUN	OVER	SINCE H AUL	INSTALLATIONS, INSPECTIONS, NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLET
A/C N414G Hobbs 873.2 A/C TT4754.2 TSMOH 1921.1 Completed 100 hr inspection. Compression checked as follows: #1 78/80, #2 78/80, #3 78/80 #4 76/80, #5 76/80, #6 78/80. Oil drained and reserviced with Aeroshell 100 plus. Oil filter removed and inspected, found to be OK. New 48108-1 filter installed. Spark plugs removed, cleaned and tested Top plugs on Cylinders # 2 & 6 and bottom cylinder # 4 replaced due to resistance failure. 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. Mustang Maintenance & Repairs 140. Mustang Maintenance & Repairs 140. Mustang Maintenance & Repairs 140. Help engine inspected for source of oil leaks. Suspect over serviced and crankcase breather is venting. Help engine inspected for source of oil leaks. Suspect over serviced and crankcase breather is venting. Help engine inspected for source of oil leaks. Suspect over serviced and crankcase breather is venting. Help engine inspected for source of oil leaks. Suspect over serviced and crankcase breather is venting. Help engine inspected for source of oil leaks. Suspect over serviced and crankcase breather is venting. Help engine inspected for source of oil leaks. Suspect over serviced and crankcase breather is venting. Help engine inspected for source of oil leaks. Suspect over serviced and crankcase breather is venting. Help engine inspected for source of oil leaks. Suspect over serviced and crankcase breather is venting. Help engine inspected for source of oil leaks. Suspect over serviced and crankcase breather is venting. Help engine inspected for source of oil leaks. Suspect over serviced and crankcase breather is venting. Help engine inspect of for source of oil leaks. Suspect over serviced and crankcase breather is venting. Help engine inspect of for source of oil leaks. Suspect over serviced and crankcase breather is venting. Help engine inspect of for source oil leaks. Suspect over serviced and cra		HRS.	MIN.	HRS.	MIN.	NOTE. OIL BOTT TO THE CONTEST
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Model: TSIO-520-NB SSN: 521470 ETT: TSMOH: 0.0 This engine has been overhauled in accordance with the TCM overhauled manual X300574A and other FAA-approved procedures. All required AD's and SB's complied with. NDT inspection on internal parts ACSS wo 259916. Camshaft overhauled RAM wo 018362 and littlers repaired by ACSS wo 259916. Connecting roles overhauled ACSS wo 259916. Crankcase repaired by Crankcase repaired by Crankcase repaired by Crankcase repaired by ACSS wo 30992. Cranksaft post-paired by ACSS wo 259916. Optioner overhauled with new rings, pistons and piston pins. Fuel pump 64210-11 sn A18033B overhauled Aircraft Accessories of OK wo 40196. Starter adapter with scenege pump 642085A2 sn 293001 overhauled Aircraft Accessories of OK wo 41528. Oil pump housing 632960 repaired Divon wo 129728. Oil cooler 63690s on 10379 overhauled Pacific Oil Cooler wo 142205. Fuel manifold 634326-4AB sn A028010C overhauled RAM wo 019513. Magneto 6320 sn 14110787 overhauled Aircraft Accessories of OK wo 41530. Magneto 6320 sn 08101419 overhauled Aircraft Accessories of OK wo 41529. Ingine is approved for return to service.	I hereby ce	ne inspectorify that t	ed for sou	rce of oil l nance des	H32739 License No	Work Streets on File. 15 mo H (4792.6 ACT) AD-
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TOTAL SINCE MFG.

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RECORD OF ENGINE AIRWORTHINESS DIRECTIVES (A/D). SERVICE BULLETINS (S/B),

DATE	A/D,	\$/8,	\$/1,	MODS	DETAILS OF
a 10 C1				Engines	S
8 Dec 98					
1				77-13-2	22 MODIFIED IN JULY 1979
					11 MODIFIED IN MAY 1980
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_				82-09-0	01 NOT APPLICABLE BY SERIAL #
					94R3 NOT APPLICABLE BY TYPE INSTALLED
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				81-24-0	06 NOT APPLICABLE BY SERIAL # 08 WILL BE APPLICABLE AT ENGINE OVERHAULED
-		-		00 02 (06 NOT APPLICABLE BY TYPE INSTALLED
				01 10 (33 NOT APPLICABLE BY TYPE INSTALLED —
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l .		475		97-26-1	17 WILL BE APPLICABLE AT ENGINE OVERHAULED
				98-01-0	08 NOT INSTALLED
Dec 98					
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	88	-03	1-0		RUEL LINES INSIPERTION
MAY 3007 MAY 3007 MAY 3001	88 96	-03	0	2	RUEL LINES INSIDERTION OIL FILTER ADAPTER
MAY 300] MAY 300]	88 96 2000	-03 -12 -01	- 16	2	RUEL LINES INSIDERTION OIL FILTER ADAPTER EXAUST INSIDERTION LETTEE
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MAY 300] MAY 300]	88	-07	3-0	2	RUEL LIVES INSPECTION OIL FILTER ADAPTER EXAUST INSPECTION LETTEE