DATE

TOTAL TIME SERVICE

TOTAL TIME SINCE OVERHAUL

TACH OR RECORDING METER TIME

DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

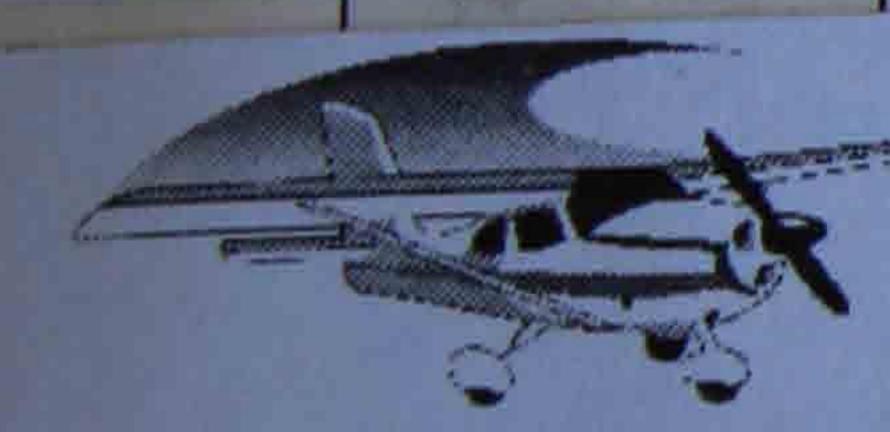
Cessna 310Q

AC Reg. # N1246G

1914.1 Hobbs 1265.1 Left engine

TCM TSIO520-J s/n 218690-R

Inspected, checked mag timing, compression test 1/72 2/70 3/75 4/76 5/71 6/77. In compliance with AD 2000-01-16 paragraph G, Found all new exhaust system installed by Steve Frost of Corporate Air Technology - FAA repair station AU3R384L San Jose, California with owner assistance. Invoice #33100, 33108, 33121 & 33043. All New components with 8130-3 certificates were supplied by Plane Xhaust Corp./Aircraft Exhaust Corp. - FAA CRS # Q6SR742J, Fort Lauderdale, Fl. 33309, 5485 NW 22<sup>nd</sup> Ave., Tamarac, Fl. 33309 Invoice # 17016 dated 12-9-2016. Recurring inspection required. I certify that this engine has been inspected IAW an annual inspection per 14 CFR and was determined to be in an airworthy condition.



UNITED FLIGHT SERVICES 120 Aviation Way. Watsonville, CA 95076

> N1246G Left Engine

November 7, 2016

Hourmeter: 1914.3

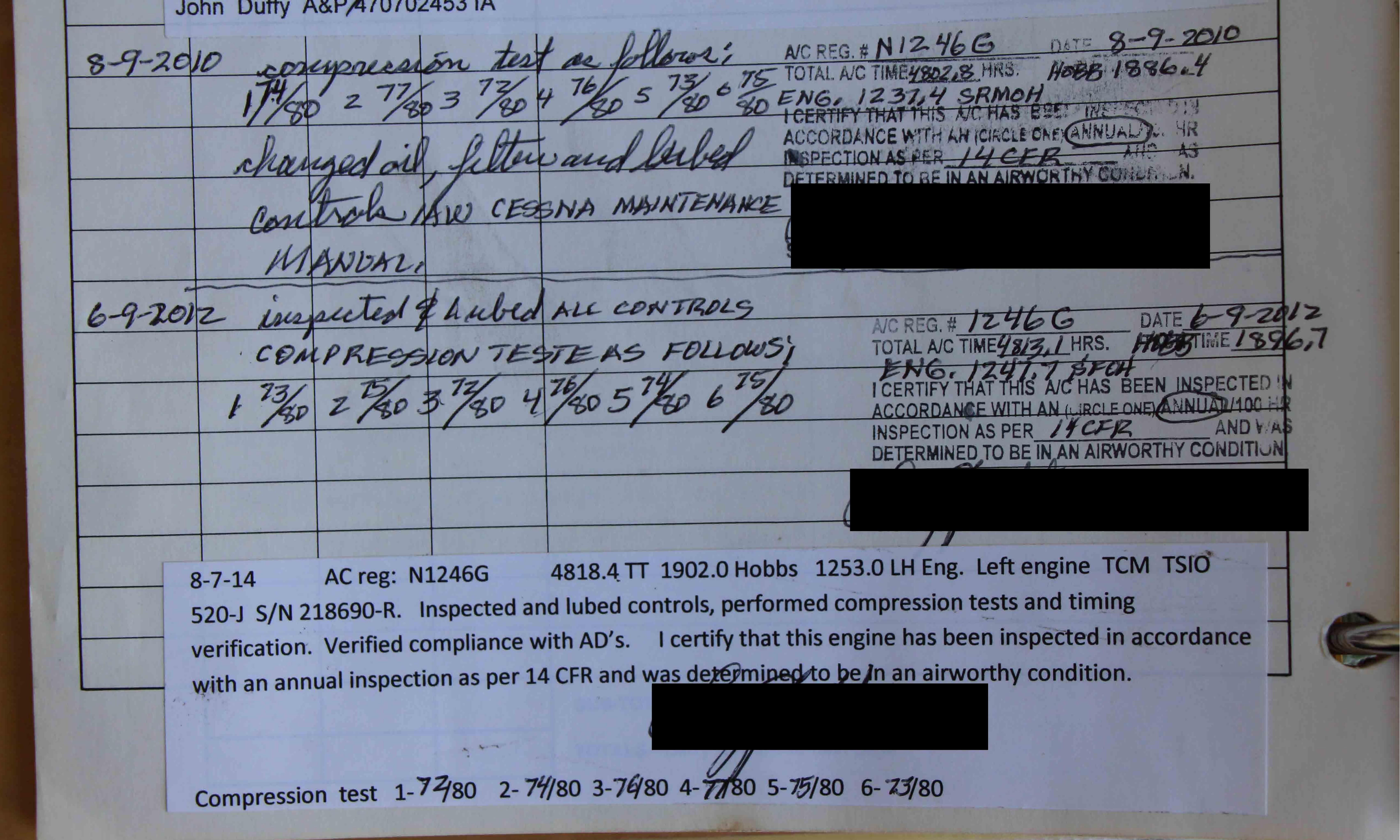
Cleaned, gapped, tested and rotated all spark plugs.

Terence M. McKenna





Page No. DESCRIPTION OF WORK PERFORMED-TACH OR TOTAL TOTAL SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK RECORDING TIME TIME DATE METER SINCE TIME OVERHAUL SERVICE Mountain Aircraft Maintenance, Inc P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Date:02/07/07 HOBBS:1733.7 Make: TCM TSIO-520-J S/N: 218690-R Changed engine oil and filter. Checked old filter for contamination. Serviced engine with Aeroshell N:1246G 15W50 oil. Ground run engine for leak check, satisfactory at this time. W.O. 00114 - END -Mountain Aircraft Maintenance. Inc P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387 SMOH 1122.0 Total Time 3364.5 Hobbs 1771.0 July 27, 2007 Left Engine TCM TSIO 520-J S/N 218690-R Compressions: #1 71/80 #2 70/80 #3 74/80 #4 77/80 #5 70/80 #6 76/80. Changed oil and filter, serviced engine with Aeroshell 15W50 oil and new CH48 109-1 filter. No abnormal debris noted in old filter. Retorqued all exhaust attach nuts. Removed and cleaned all fuel nozzles, reinstalled using new orings. Installed all new upper deck reference fitting seals. Cleaned, gapped, tested and rotated spark plugs, reinstalled using new M674 gaskets. Complied with A.D. 2000-01-16 on exhaust system, see airframe log for details. Installed new lower overboard pipe to bracket attach clamp. Installed new deice boot on #3 prop blade. I certify that this engine has been inspected in accordance with a 100 hour / ANNUAL be in airworthy condition. consupressión test as follows: ACREG. # N12466 8-9-2010 HOBB 1886.4 IN ENG. 1237,4 SRMOH ACCORDANCE WITH AN ICIRCLE CHE CANNUAL JE. YR REPECTION AS PER /4CFR Controle 1800 CESSNA MAINTENANCE MANDAZO 6-9-2012 isospected & hubed ALL CONTROLS A/C REG. # 12466 COMPRESSION TESTERS FOLLOWS! ACCORDANGE WITH AN WIRCLE ONE ANNUA INSPECTION AS PER 14CFR DETERMINED TO BE IN AN AIRWORTHY CONDITION 4818.4 TT 1902.0 Hobbs 1253.0 LH Eng. Left engine TCM TSIO AC reg: N1246G 8-7-14 520-J S/N 218690-R. Inspected and lubed controls, performed compression tests and timing verification. Verified compliance with AD's. I certify that this engine has been inspected in accordance with an annual inspection as per 14 CFR and was determined to be in an airworthy condition. Compression test 1-77/80 2-74/80 3-74/80 4-77/80 5-75/80 6-73/80



## 77214, Steamboat Springs, 3-8986 Fax (970) 870-0387

S/N 310

S. Of Aeroshell 15W 50 oil.

### S/N T310Q01097

uled Tach Generator P/N EM8000, S/N (elly Aerospace under W/O AT-21427. Ground ran engine

TRAJEN F.B.O. NETWORK – CASPER, WYOMING

LEFT ENGINE LOG ENTRY

246G CESSNA 310Q 1097 TSMOH: 1040.9 ENGTT 3283.4 A/C TOTAL: 4606.3 W.O. 00

reded Annual Inspection in accordance with Cessna 310 Inspection checklist,
ged oil and filter. Serviced with L2 quarts Aeroshell 15/50 oil and a Champion CH48109-1 filter. Cut.

reled for contamination, found "OK".

plied with A.D. 00-01-16 (2/15/00) by visual inspection and pressure test of engine exhaust systems pelext inspection due is Para (b) at 4656.3 hours, aircraft total time.

oved #3 cylinder, replaced exhaust valve, exhaust valve guide, rings and seals. Work performed in accordance to the magnetos and performed 500 hour inspection. Replaced points and condensers on both mags alled, operational checked "OK".

oved alternator, replaced bearing P/N X4087, seal XA1026, and Oring XAQ744AZ Reinstalled alternators of the property of the pr 0

11026, and Oring XAQ744AZ. Reinstalled alte

# 100, Inc P.O. Box 772114, Ste (970) 870-1873

Make: TCM TS/0-520-SW: HOBBS:1704.3

cylinder assembly from Aircraft Cylinder assembly and associated parts. cylinder assembly from Aircraft Cylinders and Engines (see maintenance cylinder assembly installed with new piston pin assembly, new gaskets, states. Replaced #1 & #3 intake tubes with serviceable used tubes. Changed etchecked old filter for contamination. Replaced #3 Insight CHT probe with Aeroshell 80 oil. Reinstalled engine cowling and ground run erand leak check. Aircraft was test flown and rechecked for leaks, satisfactor 0902 - END -

leak certify that this Engine has been inspected in an analysis and wing andition and is approved for return t reinstalled, operational checked "OK".

Removed alternator, replaced bearing P/N X4087, seal XA1026, and Oring XAQ744AZ. Reinstalled alternator, functional a (e). Next inspection due is Para (b) at 4656.3 hours, aircraft total time.

Removed #3 cylinder, replaced exhaust valve, exhaust valve guide, rings and seals. Work performed in accordance with TC TSIO-520 Overhaul Manual. Operational checked "OK". ingline ses. Replaced #1 & #3 intake tubes with cowling from engine. Removed #3 cylinder cylinder assembly from Aircraft Cylinders raft forms) Assembly installed with new pist noved both magnetos and performed 500 hour inspection. Replaced points and condensers on both mags. Reassembled a Checked gine with Aeroshell and leak check. Airo N:1246G Make: TCM TSIO-520-J ill 80 oil. Reinstalled ircraft was test flown a installed with new piston pin assembly, Removed #3 cylinder assembly and associated parts. om Aircraft Cylinders and Engines (see maintenance ntenance, Inc. P. (970) 870-1873 contamination. and pressure test of engine exhaust systems per paragraphs (b) engine cowling and ground run engine for and rechecked for leaks, satisfactory at this serviceable used tubes. Changed engine oil Replaced #3 Insight CHT probe with new. nut P/N WC040. Ops checked "OK" HOBBS:1704.3 P.O. Box 772114, Steamboat Springs, CO 80477 Date:09/25/06 determined to be in airworthy Release Installed

DATE

TOTAL TIME SERVICE

TOTAL TIME SINCE OVERHAUL

TACH OR RECORDING METER TIME

DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

2-1-17 Cessna 310Q

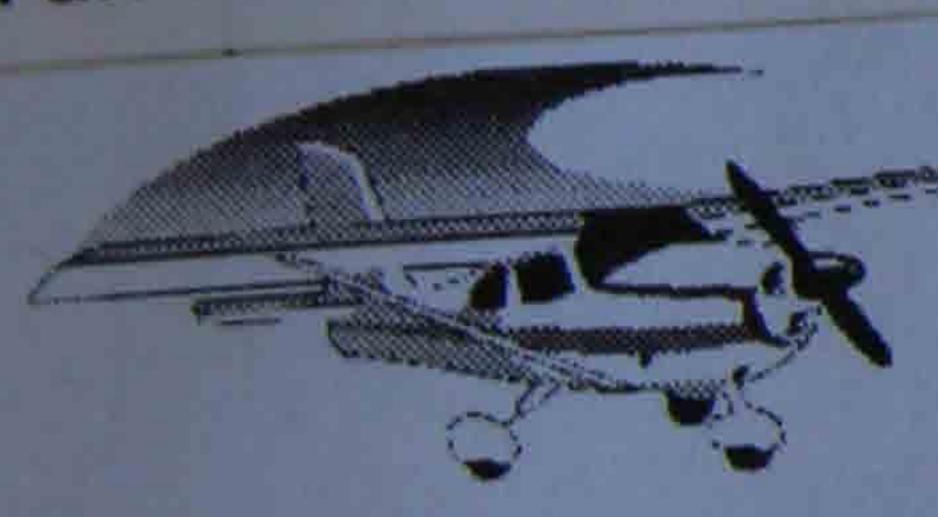
AC Reg. # N1246G

4830.5 TT 1914.1 Hobbs 1265.1 right engine

TCM TSIO520-J s/n 218675-R

Inspected, checked mag timing, compression test 1/70 2/71 3/75 4/75 5/74 6/73. In compliance with AD 2000-01-16 paragraph G, Found all new exhaust system installed by Steve Frost of Corporate Air Technology - FAA repair station AU3R384L San Jose, California with owner assistance. Invoice #33100, 33108, 33121 & 33043. All New components with 8130-3 certificates were supplied by Plane Xhaust Corp./Aircraft Exhaust Corp. - FAA CRS # Q6SR742J, Fort Lauderdale, Fl. 33309, 5485 NW 22<sup>nd</sup> Ave., Tamarac, Fl. 33309 Invoice # 17016 dated 12-9-2016. Recurring inspection required. I certify that this engine has been inspected IAW an annual inspection per 14 CFR and was determined to be

in an airworthy condition.



UNITED FLIGHT SERVICES 120 Aviation Way. Watsonville, CA 95076

N1246G Right Engine

November 7, 2016

Hourmeter: 1914.3

Cleaned, gapped, tested and rotated all spark plugs.

Terence M. McKenna

C310 Q Exhaust system history

service bulletins

75-23-08 R5

MEB 99-6

Adds access panels to ease beam inspections

MEB 99-12 NA

2000-01--16

AD Paragraphs

exhaust system visually irispect for:

cracks corrosion

	hours	hobbs	description	AD compliance	holes distortion
	3181.5		inspected both exhaust systems	75-23-08	X
	2270.3		inspected both exhaust systems	75-23-08	X
			inspected both exhaust systems	75-23-08	×
			CW	75-23-08	X
	2047	930	CW	75-23-08 R5	X
	2000		CW table I of AD	75-23-08 R5	X
10/23/1992			CW table I of AD - exhaust inspection	75-23-08 R5	X
11/5/1993			inspected - next due at 1145	75-23-08 R5	X
2/1/1996			Removed both exhaust systems		
			sent to Knisley for repair/replacement w/o 86304		
			reinstalled with new clamps		
			800-522-6990 3450 Swetzer Rd., Loomis, Ca.	95650	
	4188.		adjusted exhaust stack springs	75-23-08 R5	X
1/14/199		1 1793	inspected both exhaust systems	75-23-08 R5	X
				75-23-08 R5	
			inspected both engine exhaust systems	1/16/2000	X
			CW AD 00-01-16 Paragraphs B, C, D & E by	1/16/2000	
	4 4432.		visual and pressure test of both exhaust systems		
	5 4478		9 CW paragraph B	1/16/2000	
	3 44/0		next due at hobbs 1611.9 or 7-2005		
	4512	7 1596	3 CW paragraph B, C & E - visual & pressure test	1/16/2000	
7/22/200	)5 4512	., 1330.	next due		
			Paragraph B - hobbs 1646.3 or 8-23-2005		
			Paragraph C - July 2006		
			Paragraph D - hobbs 2016.0 / ACTT 4932.4		
			Paragraph E - July 2006		
			Paragraph F - hobbs 1703.3 / ACTT 4619.7		
			Paragraph G - due Oct 2009 or ACTT 6619.7 or	engine cverhaul	
7/24 /20	~	1600	9 visual inspection & pressure test		X
7/31/20	06 4606	).3 1009	paragraphs B, C & E		
			next paragraph B inspection due 4656.3		
7/77/70			71 visual inspection & pressure test		
7/27/20	07 4687	1.4	CW paragraph B, C & E - visual & pressure test		
			Cvv paragrapii o, o o o o		
22/20/20					50 TIS
11/14/20	115 48	33) 19			30 DAY
					Require
			Current status		

1/17/2017 4830.5 1914.1 Both exhaust systems were removed and replaced with all new components.

All New components with 8130-3 certificates were supplied by Plane Xhaust Corp./Aircraft Exha

# MEB 99-9 Adds access panels to ease beam inspec

2000-01--16

									10/2			
14/2016	27/2007	31/2006	2/2/2005		18/2001 16/2001			1/1996	U1 U			5/1985
					4 4			41.4	390	y W	337	318
4833		Ŏ			32.7	4188.4		119.7	0.5		8.2	20.5
		1689	1596		1406			1203.	983.6	936	461.8	3619
		Par Par		_			Sen sen	3 Rem			CW be	inspe
	Januar Suns	agraph agraph agraph agraph agraph	t due	tine le	AD OO	ected e	Stalled 522-6	ovec b	able		Cted	icted b
	raph graph	Paragraph B - hob Paragraph C - Juli Paragraph D - hob Paragraph E - Juli Paragraph G - hob Paragraph G - dual 9 visual inspection 8	aph B, C	and B	01-16	ted exhaust stack springs cted both exhaust systems			PO		OES Ce	oth exha
	() 2 5	hobbs 164 July 2006 hobbs 201 July 2006 hobbs 170 hobbs 170 due Oct 2 on & pression & F	S 1611.9 or 7-2005 C & E - visual & pre	retest	engine exhaust systems	chacks	new clamps	Je st	exha		aust s	haust s
	spection due pressure test & E - visual &	Jbbs 1646.3 or 8-2 Jly 2006 Jly 2006 Jly 2006 Jbbs 1703.3 / ACT Jbbs 1703.3 / ACT Jbbs 1703.3 / ACT Jbbs Pressure test & pressure test		of bo	3 Suda Snans	systen	Swetzer	System System	exhaust inspecti		aust systems	aust systems
	Test due 4				t syste		er Rd		Dectio			
	essur.	T 6619		aust sy	& E by							
				stems								
		engine				75-	UI			75-7:3	75-7.3	
		Ser		116/2	16/2	7.3-08 R 7.3-08 R			8	3-08 R5	3-08	

Current statu

	C310 Q Exhaust syste	m history							
		rvice bulletins							
	2 OR R5			ragraphs	c	D	E		
	M	EB 99-9 Adds access panels to ease beam inspections EB 99-12 NA		exhaust system visually irispect for: cracks corrosion	remove tail pipes visually inspect for: cracks corrosion holes	visually inspect outboard engine beams firewalls canted bulkheads	Presure test - 20 psi inspect	replace multi - segment V-band clamps	exhaust system remove slip joints aft
	he	obbs description	AD compliance	distortion	distortion				
	hours	The substitute systems	75-23-08	X					
	3181.5	inspected both exhaust systems	75-2:3-08	X					
-4611307	3278.3		75-2:3-08	X					
43/1986	3378.2	461.8 inspected both exhaust systems	75-23-08						
109/1987		CW	75-23-08 R5						
45/1903	3847	930 CW	75-23-08 R5						
M1/1092	3985	969 CW table I of AD - exhaust inspection 983.6 CW table I of AD - exhaust inspection	75-23-08 R5	X					
g/21/2023 11/8/1993	3900.5	1095.6 inspected - next due at 1145	75-2:3-08 R5						X
1/1/1996									X
ann/1997	4119.7	1203.3 Removed Both exhaust systematics and sent to Knisley for repair/replacement w/o 86304						X	
Name of Street, or other Persons and Street,		The state of the most of the m							
		reinstalled with new claimps 800-522-6990 3450 Swetzer Rd., Loomis, Ca.	95650						
		directed exhaust stack springs							
1/14/1999		hoth exhaust systems	75-2:3-08 R5						
1/15/1999	4188.4	1255 IIISPECTO	75-23-08 R5						
1/25/2000	4306.3	1390.6 Cvv	1/16/2000		×	X	X		
5/8/2001		CIAL AD OIL-01-16 Paragraphs D, C, D & C D	1/16/2000						
5/6/2004	4432.4	visual and pressure test of both exhaust systems							
		and the second P	1/16/2000						
1/26/2005		- aut due at hobbs 1611.9 or /-2005			X		X		
		1596.3 CW paragraph B, C & E - visual & pressure test	1/16/2000						
1/22/2005	4512.7								
		next due Paragraph B - hobbs 1646.3 or &-23-2005							
		Paragraph C - July 2006							
		Paragraph D - hobbs 2016.0 / ACTT 4932.4							
		Paragraph E - July 2006							
		A F hobbs 1703 3 / ACTT 4619./							
		Paragraph G - due Oct 2009 or ACTT 6619.7 or er	ngine cverhaul				X		
	4505.7	1689.9 visual inspection & pressure test		X					
1/31/2006	4606.3	paragraphs B, C & E							
		next paragraph B inspection due 4656.3					X		
		1771 visual inspection & pressure test		X					
NU/2007	4687.4	CW paragraph B, C & E - visual & pressure test						500 TIS	12 Years or 2500 TIS
		Cvv paragraph of the contract				500 TIS	12 Months	300 113	Which ever occurs first:
MATERIAL				50 TIS	12 Months				
234/2016	483)	1914		30 DAYS				PAST DUE	PAST DUE
						Due at 4932	Required	Required	Required
				Required	Required				
		Current status						-u cocco Imucico #1	7016 dated 12-9-2016
10170000		1914.1 Both exhaust systems were removed and replace All New components with 8130-3 certificates were su	d with all new comp	onents.		Translanderdale Fl. 33309	9, 5485 NW 22 <sup>nd</sup> Ave., Tama	ac, Fl. 33309 Invoice # 1	
TITLE TO TA	4830.5	1914.1 BOUTEXITAUST SYSTEMS WEIGHT CHICAGO AND TO THE	polied by Plane Xhaust	Corp./Aircraft Exhaust C	orp FAA CRS # Q6SF	R/42J, Port Lauderdale,			
		All New components with 8130-3 certificates were so							

riced filter. lugs, arne ed in

ond Ave., Tamarac, Fl. 33					
		Due at 4932	Required	Required	
				30 DAYS	
		500 TIS			sure test
					5619.7 or engine cverhaul
					1932.4
					1/16/2000 re test
					systems 1/16/2000
					1/16/2000 1/16/2000 by
					0 86304
					75-23-08 R5
					-2:3-
					-213-
					-2.3-0
					75-2:3-08
			distortion	distortion	AD compliance
		canted bulkheads		Corrosion	
V-band		outboard engine beams	cracks	cracks for:	
s-Ithmu	inspect				

TO DE

	16 dated 12-9-2016	2200 Invoice # 1701						S
	PAST DUE Required	PAST DUE Required		Required	Due at 4932	equired		Requir
2500 TIS	12 Years or Which ever o	500 715			500 TIS	2 Months		50 TIS
								×
								×××
								× × ×
						stortion	on G	distortic
					canted bulkheads	Jes	2	holes
					firewalls	rrosion	8	Ciacks
	slip joints aft	V-band clamps		mspect	outboard engine beams	spect Tor.	Tor:	irispect
	remove	replace	- 2:0 psi	Presure test	visually	Sually	<u>≤</u> .	
	exhaust system		3	exhaust syste		move tail pipes	system	B
								graphs

/TOZ/III		1014/2016	1/27/2007	900Z/Z006			1721/2005	138/2005	Town Section 1	18/2001	10000000 10000000000000000000000000000																	
4830.5		4833	4687.4	4606.3			4512.7	44/8.3		4321.7	4306.3	4188.4	4188.4		4119.7	3900.5	3985		3378.2	3181.5					2000-0116		75.23-08 RS	
1914.1 Both exhaust systems were removed and replaced.  All New components with 8130-3 certificates were supp	Current status		1771 visual inspection & pressure test  CW paragraph B, C & E - visual & pressure test	paragraphs B, C & E  next paragraph B inspection due 4656.3	Paragraph F - hobbs 1703.3 / ACTT 4619.7  Paragraph G - due Oct 2009 or ACTT 6619.7 or eng	Paragraph B - hobbs 1646.3 or 8-23-2005  Paragraph C - July 2006  Paragraph D - hobbs 2016.0 / ACTT 4932.4	1596.3 CW paragraph B, C & E - visual & pressure test	next due at hobbs 1611.9 or 7-2005	visual and pressure test of both exhaust systems	1406.3 inspected both engine exhaust systems 1516 CW AD 00-01-16 Paragraphs B, C, D & E by	1390.6 CW	1293 inspected both exhaust systems		gon-522-6990 3450 Swetzer Rd., Loomis, Ca.	1203.3 Removed both exhaust systems sent to Knisley for repair/replacement w/o 86304	1095.6 Inspected - next due at 1145	969 CW table l of AD	930 CW	461.8 inspected both exhaust systems	361.9 inspected both exhaust systems	to the both exhaust systems	hobbs description				MEB 99-9 Adds access panels to case beam makening	MEB 99-6	service bulletins
with all new componer lied by Plane Xhaust Corp					ine c verhaul		7/10//		1/16/2000	1/16/2000	75-23-08 RS	75-23-08 RS	75-23-08 RS	95650		23-08	75-23-08 RS	-23-08	75-23-08	75-23-08	75-23-08	AD compliance					AOP	
nts. p./Aircraft Exhaust Corp	Required	50 TIS								* ,	< ×	. *	*				* *	×	* *		X	Toles .	corrosion	cracks	inspect for:	e chaust system	St. de. Ber	
- FAA CRS # Q6SR74	Required	12 Months																				dictorion	Corrosion	cracks	inspect for:	remove tall pipes		
2J, Fort Lauderdale, Fl. 33309, 54	Due at 4932	500 TIS																				Santed bulkheads	firewalls	outboard engine beams	inspect			
85 NW 22 <sup>nd</sup> Ave., Tamarac,	Required	12 Months																							Presure test - 20 psi	exhaust system		
Fl. 33309 Invoice # 17016	Required Required	S11 000 TIS																					Contract or other Party and Party an	Multi - Segment	replace			
dated 12-9-2016	Required	ch ev													*									stip joints att	MARRIE SEPTEMBER			
		Soo TIS																										

2 2

Page No. TOTAL TOTAL TACH OR DESCRIPTION OF WORK PERFORMED-TIME DATE TIME RECORDING SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK SINCE METER SERVICE OVERHAUL TIME Mountain Aircraft Maintenance, Inc P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Date:02/07/07 HOBBS:1733.7 S/N: 218675-R Make: TCM TSIO-520-J N:1246G Changed engine oil and filter. Checked old filter for contamination. Serviced engine with Aeroshell 15W50 oil. Ground run engine for leak check, satisfactory at this time. W.O. 00114 - END -Mountain Aircraft Maintenance. Inc P.O. Box 772114, Steamboat Springs, CO 80477 (970) 870-8986 Fax (970) 870-0387 Total Time 3364.5 SMOH 1122.0 Hobbs 1771.0 July 27, 2007 Right Engine S/N 218675-R N1246G TCM TSIO 520-J Compressions: #1 70/80 #2 70/80 #3 72/80 #4 72/80 #5 73/80 #6 70/80. Changed oil and filter, serviced engine with Aeroshell 15W50 oil and new CH48 109-1 filter. No abnormal debris noted in old filter. Retorqued all exhaust attach nuts. Removed and cleaned all fuel nozzles, reinstalled using new orings. Installed all new upper deck reference fitting seals. Cleaned, gapped, tested and rotated spark plugs, reinstalled using new M674 gaskets. Complied with A.D. 2000-01-16 on exhaust system, see airframe log for details. Installed new deice boot on #3 prop blade. I certify that this engine has been inspected in accordance with a 100 hour / ANNUAL inspection and was determined to be in airworthy condition. A/C REG. # N12466 TOTAL ACTIME 48 02,8 HRS. AND WAS MANDAL INSPECTED & LUBED BLL CONTROL TOTAL A/C TIME 4813,1 HRS. HOUSE IME 1876,7 COMPRESSION TESTED AS FOLLOWS I CERTIFY THAT THIS AVO HAS BEEN INSPECTED IN 75/20 2 78/0 3 78/0 4 78/0 5 78/0 67 ACCORDANCE WITH AN QURCLE ONE ANNUAL 100 HR INSPECTION AS PER / 2 CF 4818.4 TT 1902.0 Hobbs 1253.0 RH Eng. Right engine TCM TSIO AC reg: N1246G 8-7-14 520-J S/N 218675-R. Inspected and lubed controls, performed compression tests and timing verification. Verified compliance with AD's. I certify that this engine has been inspected in accordancewith an annual inspection as per 14 CFR and was determined to be in an airworthy condition.

Compression test 1-73/80 2-75/80 3-75/80 4-74/80 5-76/80 6-72/80