

## ENGINE MAINTENANCE RECORDS

Aircraft Registration N839HF

Engine Position SINGLE

Engine Serial No. 12055



## ENGINE MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. NB39HF
Engine Manufacturer Continental  Model TSID-520-P
Serial No512 055
Date installed on aircraft 9-2-2013
Time Between Overhauls (TBO) 1600 Hours
If used on multi-engine aircraft

☐ Right ☐ Left

Waco Regional Airport • P.O. Box 5219 • Waco, Texas 76708

254/752-8381 FAX 254-752-3307

1-800-445-9713

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Page No.

TACH OR RECORDING METER TIME TOTAL TOTAL TIME TIME DATE IN SERVICE

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

Date	Total	Total	Tach or
	Time	Time	Recording
	In	Since	Meter
	Service	Overhaul	Time
6/27/13	4508.9	0	



## CONTINENTAL TSIO-520-P Engine S/N 512055

Above referenced engine overhauled to new parts limits per FAR 43.2(a)(1)(2) to conform w/TCM SM X-30575A Applicable AD's and Service Bulletins C/W at this time. All gears cleaned, polished when required, inspected. magnafluxed, and no cracks found. Finish and dimensional limits within RAM Gear Inspection Specification No. 1818. Rev. K dated 2-08-2010. Above referenced engine modified per STC SE 3630SW-D. Installed new Continental camshaft p/n 655384, s/n 146446. Installed lifters p/n 658088 int. p/n 658077 exh. AD 10-11-04 n/a to lifter p/n installed. AD 97-26-17 c/w per installation of new VAR crankshaft p/n 649134 s/n N13AA031 per TCM CSB96-8. Ultrasonic inspection per MSB96-10A due at overhaul or when crankshaft removed. AD 99-19-01 n/a per crankshaft date of manufacture I/A/W TCM MSB99-3C. AD 2000-23-21 N/A to crankshaft serial number/date of manufacture I/A/W TCM MSB00-5D. Engine assembled with new Continental heavy style crankcase P/N 656679, S/N R13BA271. Installed new Continental nickeled cylinders. Installed new RAM/FAA/PMA fuel nozzles p/n 2562-14C. TCM Service Bulletin SB06-1A N/A per installation of RAM fuel nozzles. Engine accessories exchanged for overhauled or new units with exception of vacuum pump, prop governor, alternator and oil cooler which were not installed per this work order. New Slick pressurized magnetos p/n 6320 installed per STC SE4651SW-D and pressurized. Service Bulletin SB3-08A N/A to magneto serial numbers installed.SB1-12 Slick Points assy. N/A per S/N. AD 88-25-04 para (b) N/A to P/N 6320 but RAM recommends 100 hour or annual inspection of magnetos. MSB94-8D on magneto timing procedure c/w per timing to data plate TC degree requirements with TDC locator and protractor with pointer. Engine modified to TSIO-520-P per Continental Service Bulletin M-75-6 Rev. 1. Installed RAM/FAA/PMA rocker arms p/n 1842-3 and 1842-4. AD 79-25-07 P/C/W per engine mount leg p/n 643935 installed. Category 1 thru 3 TCM Service Bulletin Compliance Listing in RAM Manual, AD 96-12-22 N/A Cessna oil filter adapter not installed. Installed RAM/FAA/PMA rocker arm covers p/n 2766-1. Installed RAM-FAA-PMA rocker arm cover gaskets p/n 1387-1. Engine ground run on test stand per RAM specifications for 4 hours. Engine run-in with Phillips 20W-50 Type M mineral oil. See RAM Recommended Oil Grade Maintenance Tip MT-1 for recommended oils. Engine approved for return to service for the work performed. Engine preserved per Service Bulletin SIL99-1 temp. storage up to 90 days. Pertinent details on file under Project No. 6793.

RAM Aircraft, Limited Partnership, P.O. Box 5219, Waco Texas 76708 CRS VA1R551K

September 2, 2013

S/NP21000633

Cessna P210N

N839HF

Tach: 3334.3

PTSMOH: 1192.9 ETSMOH: 000.0

Performed a 100 hr Inspection in accordance with the Cessna Service Manual Inspection Checklist. The engine, m/n TSIO520P s/n 513660 was removed and an overhauled RAM TSIO520 RcP s/n 512055 engine was installed. This engine is rated at 310 HP and has a recommended TBO of 1600 hrs. The engine was preoiled and serviced with 10 qts of Phillips type M 20W50 oil as directed by RAM. The engine was ground ran for leak check, and minor adjustments made-no leaks were noted.

Complied with the following AD's:

N/A by integral oil filter adapter installed 96-12-22 Oil Filter Adapter;

I certify that this Engine has been inspected in accordance with a100 hr Inspection, current FAR's and was found to be Airworthy this date.

Air'Zona Aircraft Services, Inc.

7100 Flightline Dr

928-757-7744

A&P3486712IA

Kingman, AZ. 86401 Brian N Cox Buin M W

	TOTAL TIME	TOTAL	TACH OR RECORDING			DK DEDEODMED
ATE	IN SERVICE	TIME SINCE OVERHAUL	RECORDING METER TIME	SIGNATURE	ESCRIPTION OF WO	F PERSON PERFORMING WORK
Dec. 2	24, 2013	S/N/D21000	coo -	no.	NOCOTE	T1. 2250 2
		S/NP210006	33 6	essna P210N	N839HF	replaced filter with new oil
filter p	n CH48108	-1, washed an	serviced engir	ne with 10qt 20W	ircraft returned to s	replaced fliter with new on
Air'Zo	na Aircraft	Services, Inc	c. 7100 Fli		Kingman, AZ. 86	
				$\sim$	20 /	
	A8	EP 3486712 E	Brian N. Cox_	Duan	11/1	_
					/	
		•	•			
		NP2100063		sna P210N	N839HF	Tach: 3382.6
rained	oil, obtaine	d oil sample, s	serviced engine	e with 10qt 15W5	0 Aero Shell Oil, r	eplaced filter with new oil
reer P/1	CH48108-1	l, washed and	ran engine, lea	ak check good. Air	craft returned to se	ervice.
ur Zoi	a Aircraft S	Services, Inc.			ingman, AZ. 864	
	40	D 105 coop a		04	8.11	11.4
	Acc	P 1856233 St	even Hurlbu	nt X Xline	n h Wes	sour
	JOB 6210					
	April 4, 201	14 S/NP2	1000633 -	Cessna P210	N N839E	IF Tach: 3410.5
ī	Orained oil,					l Oil, replaced filter with n
f	ilter p/n CH	48108-1, wash	hed and ran en	gine, leak check g	ood. Aircraft return	ed to service.
		ircraft Servic		00 Flightline Dr		
				Tarrier a		OF CALL
		A&P5298	169163IA Le	onard D Helc6	Seona	La Note
				1,		
, JOB 624	5					
April	30, 2014	S/NP21000		Cessna P210N	N839HF	Tach: 3440.5
April	30, 2014					Tach: 3440.5 replaced filter with new oi
April Oraine	30, 2014	ed oil sample,	, serviced engi	ine with 10qt 100		replaced filter with new oi
April Orained ilter p/	30, 2014 I oil, obtaine n CH48108-	ed oil sample,	, serviced engi d ran engine, l	ine with 10qt 100 eak check good. A	W Aero Shell Oil,	replaced filter with new oil service.
April Orained ilter p/	30, 2014 Il oil, obtaine In CH48108- Ina Aircraft	ed oil sample, 1, washed and Services, Inc	, serviced engi d ran engine, l c. 7100 Fli	ine with 10qt 100 eak check good. A ightline Dr.	W Aero Shell Oil, circraft returned to Kingman, AZ. 8	replaced filter with new oil service.
April Orained ilter p/	30, 2014 Il oil, obtaine In CH48108- Ina Aircraft	ed oil sample, 1, washed and Services, Inc	, serviced engi d ran engine, l c. 7100 Fli	ine with 10qt 100 eak check good. A	W Aero Shell Oil, circraft returned to Kingman, AZ. 8	replaced filter with new oil service.
April Orained ilter p/	30, 2014 Il oil, obtaine In CH48108- Ina Aircraft	ed oil sample, 1, washed and Services, Ind	, serviced engi d ran engine, l c. 7100 Fli	ine with 10qt 100 eak check good. A ightline Dr.	W Aero Shell Oil, circraft returned to Kingman, AZ. 8	replaced filter with new oil service.
April Oraineo ilter p/ Air'Zo	30, 2014 d oil, obtain n CH48108- na Aircraft A&	ed oil sample, 1, washed and Services, Ind	, serviced engi d ran engine, l c. 7100 Fli	ine with 10qt 100 eak check good. A ightline Dr.	W Aero Shell Oil, circraft returned to Kingman, AZ. 8	replaced filter with new oil service.
April Oraineo ilter p/ Air'Zoo	30, 2014 d oil, obtaine n CH48108- na Aircraft A&	ed oil sample, 1, washed and Services, Ind	, serviced engi d ran engine, l c. 7100 Fli BIA Leonard	ine with 10qt 100 eak check good. A ightline Dr.	W Aero Shell Oil, circraft returned to Kingman, AZ. 8	replaced filter with new oil service.
April Oraineo ilter p/ Air'Zo OB 6321 une 11 rained	30, 2014  I oil, obtainen n CH48108- na Aircraft  A&  , 2014  oil, obtainen	ed oil sample, 1, washed and Services, Inc. 2, P529869163	d ran engine, loc. 7100 Flight Leonard  33 Cesserviced engine	ine with 10qt 100 eak check good. A ightline Dr.	W Aero Shell Oil, irrcraft returned to Kingman, 4Z. 8  N839HF W Aero Shell Oil,	replaced filter with new oil service.  6401 928 757-7744  Tach: 3465.7  replaced filter with new oil
April Drained ilter p/I Air'Zo  DB 6321 Ine 11 rained iter p/I	30, 2014  d oil, obtaine n CH48108- na Aircraft  A&  0, 2014  oil, obtaine n CH48108-	ed oil sample, cl., washed and services, Inc. ch. p529869163  Selve 1. Complied of the complete of the complet	, serviced engine, led transcription of the control	ine with 10qt 100 eak check good. A ightline Dr.	W Aero Shell Oil, irrcraft returned to Kingman, 4Z. 8  N839HF W Aero Shell Oil,	replaced filter with new oi service.  6401 928757-7744  Tach: 3465.7
April Drained ilter p/r ained iter p/r od. Air	d oil, obtainen CH48108-  1, 2014 Soil, obtainen CH48108-  1, 2014 Soil, obtainen CH48108-  1, craft return	ed oil sample, 1, washed and Services, Inc. 2, P529869163	, serviced engine, le c. 7100 Flig. BIA Leonard 133 Ce serviced engine with AD 81-2	ine with 10qt 100 eak check good. A ightline Dr.	W Aero Shell Oil, irrcraft returned to Kingman, 4Z. 8  N839HF W Aero Shell Oil,	replaced filter with new oil service.  6401 928 757-7744  Tach: 3465.7  replaced filter with new oil

age	JOB 6321
	July 20, 2014 Sylvi 2100000 and Shell Oil replaced filter with new oil
	Drained oil, obtained oil sample, serviced engine with 10qt 100W Aero Shen On, replaced meta with 10qt 100W Aero Shen On, replaced with 10qt 100W
	good Aircraft returned to service.
	good. Aircraft returned to service.  Air'Zona Aircraft Services, Inc. 7100 Flightline Dr. Kingman, AZ. 86401 928-757-7744
	()//,   / Hu +
	A&P 1856233 Steve Hurlburg
	6477 September 8, 2014 S/NP21000633 Cessna P210N N839HF Tach: 3543.0
	September 6, 2011
	filter n/n CH48108-1, washed and ran engine, leak check good. Aircraft returned to service.
_	Air Zona Aircraft Services, Inc. 7100 Flightline Dr. Kingman, AZ. 86401 928-757-7744
	$\sim 2$ m/ $_{\rm i}$
	A&P3486712IA Brian N Cox Duin / Ly
$\neg$	
	6511
	October 13, 2014 S/NP21000633 Cessna P210N N839HF Tach: 3571.8
_	Drained oil, obtained sample and serviced engine w/ 10 quarts W100 Aeroshell Oil, replaced Filter w/ new,
	washed and ran engine, leak check good.
,	Complied w/ AD 81-22-03 Exhaust Inspection Part 1 thru 3 Crack found @ left hand side
	Removed cracked exhaust and installed new exhaust PN K1254000-53, and riser PN K1250860-100 supplied by Knisley Welding FAA CRS#NJ3R712L W/O149653. After install AD was c/w by Inspection. Aircraft
—	returned to service.
	Air'Zona Aircraft Services, Inc. 7100 Flightline Dr. Kingman, AZ 86401 924757-7744
	AP529869163IA Leonard D Helco
_	
O	ctober 17, 2014 S/NP21000633 Cessna P210N N839HF Tach: 3334.3
	ETSMOH: 237.7 PTSMOH: 1430.6 357), &
Pe	erformed a 100 hr Inspection in accordance with the Cessna Service Manual Inspection Checklist.
$C_{I}$	hecked compression, #1 79, #2 78, #3 78, #4 77, #5 78, #6 76. Drained the oil and took oil sample,
ch	anged oil filter, P/N CH48108-1, serviced the engine with 10 qts. of Aero-Shell W100 oil, test ran
	gine and leak checked
	omplied with the following AD's:
	i-12-22 Oil Filter Adapter; N/A by integral oil filter adapter installed
	vertify that this Engine has been inspected in accordance with a100 hr Inspection, current FAR's and
	as found to be Airworthy this date.
Ai	r'Zona Aircraft Services, Inc. 7100 Flightline Dr. Kingman, AZ. 86401 928-757-7744
	A&P1856233 Steven Hurlburt Levan Julyust
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TOTALS—Carry forward to next page

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6511				359/2
November 17, 2014	S/NP21000633	Cessna P210N	N839HF	Tach: 3571.8
Drained oil, obtained san	nnle and sommised and	-in/ 10 guerte W/100		placed Filter w/ new,
washed and ran engine. le	ak check good	gine w/ 10 quarts w 100	Acrositen On, 1cp	, iacca 2
Aircraft returned to se	rvice.			•
Air'Zona Aircraft Servi	ces. Inc. 7100 Fli	ghtline Dr. Kingma	an AZ 86401	028-757-7744
	, , 100 11		170	
AP52986	59163IA Leonard	D Helco	now	Teles
	Decimin .	2 Heleo Comment		
Job 6623			-	
December 12, 2014 S/1	NP21000633	Cessna P210N	N839HF	Tach: 3622.0 —
Drained oil, obtained sample		CESSIIA FZIOIV	1 11 011 1	1 Eth. /
washed and ran engine, le	and serviced engine	w/ 10 quarts W100 Ae	roshell Oil, replac	ed Filter w/ new,
Aircraft returned to service.	ak check good. C/	W AD 81-23-03 Exhau	ist Inspection Pro	esure and visual.
Air'Zona Aircraft Services,	Inc. 7100 Pt. 1			
- Count Del Vices,	Inc. 7100 Flight	line Dr. Kingman,	AZ. 86401	92 <b>8-757-7</b> 7 <del>44</del> —
A DE200001	COT 4 -		1 / X >	121
AP52986916	63IA Leonard D F	Telco Sperio		elle -
•				
Job 6653				
December 17, 2014 S	VNP21000633	Cessna P210N	N839HF	Tach: 3646.8
Drained oil, obtained samp	le and serviced engir	ne w/ 10 quarts W100 A	eroshell Oil, repl	aced Filter w/ new,
washed and ran engine, leak	check good.	•	_	
Aircraft returned to serv				
Air'Zona Aircraft Service	s, Inc. 7100 Fligh	htline Dr. Kingmai	n. AZ 86401)	928-757-7744
	,	2	100	
AP529869	163IA Leonard D	Helco	W S	The same
				o com
Job 6692		/		
January 19-2015 S/N	P21000633	Cessna P210N	N839HF	Tach: 3072.6
Preformed AD 81-23-03	Exhaust System pre	esure and visual Inspec	tion per Paragram	
returned to service.	Exhaust bystem pre	ssure and visual mspeci	tion per raragrap	on I thru 3. Aircraft
	7100 Elia	Lalina Du Vin	17 06101	222/1-4/
Air'Zona Aircraft Service	s, Inc. 7100 Flig	nume Dr. Kingma	n, AZ. 86401	139131177 <del>44</del>
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AP529869.	163IA Leonard D	Helco A	erry of	THE LESS
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6794				
arch 25, 2015 S/NP210				ach: 3697.3
		. 10	1-11 0:1 1	ed Filter w/ new
ined oil, obtained sample ar	nd serviced engine v	v/ 10 quarts W 100 Aero	osneli Oli, replac	ed linter w/ new,
ined oil, obtained sample ar	nd serviced engine v ck good.	v/ 10 quarts W 100 Aero	osneli Oli, replac	ed ritter w/ new,
ined oil, obtained sample an hed and ran engine, leak che	nd serviced engine v ck good.	v/ 10 quarts W 100 Aero	osneli Oli, replac	ed ritter w/ new,
ined oil, obtained sample an hed and ran engine, leak che Aircraft returned to service.	ck good.			7
ined oil, obtained sample an hed and ran engine, leak che	ck good.			228-757-7744
ined oil, obtained sample an hed and ran engine, leak che Aircraft returned to service. "Zona Aircraft Services, In	ck good.	ne Dr. Kingman, .		7

TOTALS—Carry forward to next page

Job 6829		Cessna P210N	N839HF	Tach: 3722.2
April 13, 2	015 S/NP21000633	ind angine w/ 10 quar	ts W100 Aeroshell Oi	l, replaced Filter w/ new,
Drained oil,	obtained sample and se	ood. Aircraft returned to	service.	- AA
washed and	ran engine, leak check go	7100 Flightline Dr.	Kingman, AZ. 864	101 928-79717714
Air'Zona A	ircraft Services, Inc.	•		X Jahan
	A&P529869163IA	Leonard D. Helco	Sonas	e per le
			- Anna Caran	
-				
Job 6908			7	1 07047
June 12, 2015	S/NP21000633	Cessna P210N	N839HF T	Cach: 3784.7
,		/ 10	W100 Aeroshell Oil	, replaced Filter w/
Drained oil, obta	ined sample and servic	ed engine w/ 10 quarts	W 100 1101	
CH48108-1, wash	ed and ran engine, leak c	neck good.		
Aircraft return		0 Flightline Dr. Kin	gman, AZ. 86401	928-757-7744
Air'Zona Aircra	t Services, Inc.	10 -	Dd/ 1/1.5	
4	&P 1856233 Steve H	urlburt Loven	1 Hulow	
	ar restaur	- American	And the state of t	
Job 6870				m-1. 2760.7
June 5, 20.	15 S/NP21000633	Cessna P210N	N839HF	Tach: 3760.7
	1 . 1	erviced engine w/ 10 quar	rts W100 Aeroshell C	oil, replaced Filter w/ new,
washed and	ran engine, leak check	good. C/W AD 81-23-03 I	Exhaust Inspection Pre	esure and Visual. Aircraft
returned to	service.			
	ircraft Services, Inc.	7100 Flightline Dr.	Kingman, A 80	5401 28-757-7744
7111 250114 12				1
	A&P529869163IA	Leonard D. Fielco	man les	Dieles
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	1	1.		La company of the second
<b>—</b>	0 0015 CATDO1000	0633 Cessna P2	10N N839H	F Tach: 3830.3
	2, 2015 S/NP21000			
Drained	l oil, obtained sample 08-1, washed and ran en	and serviced engine w/	10 quarts w 100 A	eroshell Oil, replaced Filter
	craft returned to service.			
	na Aircraft Services, In		Dr. Kingman, A	Z. 86401 //\ 928-757-7
All 20	na Antian Services, n	ic. 71001 lightime is		
18-05	29869163IA Leonai	rd D. Helco	Maga	7
	200011001/1 Leonar	a D. Merco		w Mee
	•			R.
Job 6999	5			
	t 13, 2015 S/NP210	000633 Cessna i	P210N N83	9HF Tach: 3855.6
<u> </u>				eroshell Oil, replaced Filter
CH4810	8-1, washed and ran eng	gine, leak check good	10 quarts W 100 A	Fromen On, replaced The
	raft returned to service.	, 500m		
Air'Zoi	na Aircraft Services, In	nc. 7100 Flightline L	Dr. Kingman, A.	Z. 86401 928-757-774
1		£ /		
	A&P 1856233	Steve Hurlburt	Oren - NH	uslout

September 8, 2015         S/NP21000633         Cessna P210N         N839HF         Tach: 3878.9	
Cessna P210IV NOSYTE Tacil. 3070.5	DRK
Air Zona Aircraft Services, Inc. 7100 Flightline Dr. Kingman, AZ. 86401, 928-757-7744  A&P 1856233 Steve Hurlburg Con an Internal Services	
Job 6997  September 24, 2015 S/NP21000633 Cessna P210N N839HF Tach: 3887.9	
Retimed the left and right magnetos. Cleaned the spark plugs, reset the spark plug gaps, tested the spark plugs all good. Reinstalled the spark plugs with new M674 spark plug gaskets. Test ran engine, no defects found.  Aircraft returned to service.  Air Zona Aircraft Services, Inc. 7100 Flightline Dr. Kingman, AZ, 86491, 928-757-7744	_
All Zona Aircraft Services, Inc. 7100 Flightline Dr. Kingman, AZ. 86491 928-757-7744  A&P 1856233 Steve Hurlburt	
October 23, 2015 S/NP21000633 Cessna P210N N839HF Tach: 39  Drained oil, obtained sample and serviced engine w/ 10 quarts W100 Aeroshell Oil, replaced File CH48108-1, washed and ran engine, leak check good. Aircraft returned to service.  Air Zona Aircraft Services, Inc. 7100 Flightline Dr. Kingman, AZ. 86401 P28-757-7	ter with _
OB 7111   December 21, 2015   S/NP21000633   Cessna P210N   N839HF   Tach: 3914.3   ETSOH: 580.2	
Performed a 100 hr Inspection in accordance with the Cessna Service Manual Inspection Checklist. Checked compression, #1 78, #2 77, #3 78, #4 78, #5 79, #6 78, Installed 12 New Champion Spark Plugs P/N RHB32E. LEFT MAGNETO: Performed 500hr Magneto Inspection in accordance with Champion Manual L1363F, Section 3.3 on mag p/h 6320; s/n 13030243, reassembled using 1 Cam P/N M3611, 1 Drive Seal P/N M3062, 1 Cotter Pin P/N M2556, ran mag on test bench for two hours w/ no defects noted. RIGHT MAGNETO: Performed 500hr Magneto Inspection in accordance with Champion Manual L1363F, Section 3.3 on mag p/h 6320; s/n 13030253, reassembled using 1 Cam P/N M3611, 1 Drive Seal P/N M3062, 1 Cotter Pin P/N M2556, ran mag on test bench for two hours w/ no defects noted. Reinstalled on engine using New Pressurized Magneto Filter P/N 1396-2 and timed both Magnetos to engine. I certify that found to be Airworthy this date.  Ait Zona Aircraft Services. Inc. 2100 Fightling Press 15. A Figure 15. A Figur	
All Zona Alterali Services, Inc. /100 Flightline Dr Kingman, AZ. 86401 928-752-7744	-

A&P529869163IA Leonard D Helco

Page No	Job 7206
DATE	Drained oil, obtained sample and serviced engine w/ 10 quarts w/100 Acrosner Oil, replaced Filter w/ CH48108-1, washed and ran engine, leak check good.  81-23-03 Exhaust Integrity; Paragraph 1 thru 3  Due ea 50 hr
	Aircraft returned to service.
	Air Zona Aircraft Services, Inc. 7100 Flightline Dr. Kingman, AZ. 86401 928-757-7744  A&P 1856233 Steve Hurlburt Land Hurley Land
	Job 7236 February 8, 2016 S/NP21000633 Cessna P210N N839HF Tach: 3971.8
	Drained oil, obtained sample and serviced engine w/ 10 quarts w/100 Aeroshen Oil, replaced Filter w/ CH48108-1, washed and ran engine, leak check good.  81-23-03 Exhaust Integrity; C/W Paragraph 1 thru 3  Due ea 50 hr
	Aircraft returned to service.
	Air Zona Aircraft Services, Inc. 7100 Flightline Dr. Kingman, AZ 86401 928-571744  A&P529869163IA Leonard D Helco
	and the state of t
E	b 7251 Sebruary 22, 2016 S/NP21000633 Cessna P210N N839HF Tach: 3996.0
	rained oil, obtained sample and serviced engine w/ 10 quarts W100 Aeroshell Oil, replaced Filter w/ H48108-1, washed and ran engine, leak check good. Aircraft returned to service.
A	A&P529869163IA Leonard D Helco
	Job 7262  March 28, 2016 S/NP21000633 Cessna P210N N839HF Tach: 4020.8  Drained oil, obtained sample and serviced engine w/ 10 quarts W100 Aeroshell Oil, replaced Filter w/
	CH48108-1, washed and ran engine, leak check good. Aircraft returned to service.
	Air'Zona Aircraft Services, Inc. 7100 Flightline Dr. Kingman, AZ. 86401 928-757-7744  A & P 1856233 Steven Hurlburt Love Hurlburt
	A & P 1856233 Steven Hurlburt Loven for the Bush
<b>—</b>	
	7442
Au	gust 5, 2016 S/NP21000633 Cessna P210N N839HF Tach: 4045.9
Dra	ained oil, obtained sample and serviced engine w/ 9 quarts W100 Aeroshell Oil, replaced Filter w/ CH48108-washed and ran engine, leak check good. Aircraft returned to service.
Ai	"Zona Aircraft Services, Inc. 7100 Flightline Dr. Kingman, AZ. 86401 928-757-7744
	A & P 1856233 Steven Hurlbur Street Hulbut

August 22, 2016	S/NP21000633	Cessna P210N	N839HF	Tach: 4069.3
rained oil, obtained	sample and serviced	engine w/ 9 quarts W100	) Aeroshell Oil, rep	placed Filter w/ CH48108-
, wasned and ran en	gine, leak check good			
Complied with the fo	llowing AD's	- Julaun li	nepection per Para	1 thru 3
AD 81-23-03 R2 Exh	aust system integrity:	By pressure and visual i	iispection per	
Aircraft returned to		O Elinhelino Dr. Kir	gman, AZ. 8640	01 928-757-7744
Air'Zona Aircraft S A &	ervices, Inc. 7100 P 1856233 Steven I	lota	elf und	Mul
Job 7482			N839HF	Tach: 4094.6
Sept 12, 2016	S/NP21000633	Cessna P210N	N839FIF	L replaced Filter w/ CH48108-
Drained oil, obtain	ned sample and servi	ced engine w/ 9 quarts V	V100 Aeroshell Oi	l, replaced Filter w/ CH48108-
1, washed and ran	engine, leak check g	good. Aircraft returned	to service.	26401 1928 757-1744
Air'Zona Aircrai	t Services, Inc.	7100 Flightline Dr.	Kingman, A	
			NAS.	Market
A	P529869163IA Le	conard D Helio	War war	
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Job 7514	016 S/NP21000	633 Cessna P2	10N N83	89HF Tach: \$4124.6
October 10, 2	1116 S/NP21UU			7111
			0 W100 A	Aeroshell Oil, replaced Filter w/
Drained oil, o	btained sample and	d serviced engine w/ 1	0 quarts W100 A	Aeroshell Oil, replaced Filter w/ on check: 72/80 77/80 76/80 77/80
Drained oil, o	btained sample and	d serviced engine w/ 1	0 quarts W100 A	Aeroshell Oil, replaced Filter w/ on check: 72/80 77/80 76/80 77/80
Drained oil, of CH48108-1, w 78/80 78/80.	obtained sample and ashed and ran engin Cleaned, gaped and te	d serviced engine w/ 1 e, leak check good. Prei sted all spark plugs and	0 quarts W100 A formed compression checked magneto t	Aeroshell Oil, replaced Filter w/ on check: 72/80 77/80 76/80 77/80 iming.
Drained oil, of CH48108-1, w 78/80 78/80.	obtained sample and ashed and ran engin Cleaned, gaped and te	d serviced engine w/ 1 e, leak check good. Prei sted all spark plugs and	0 quarts W100 A formed compression checked magneto t	Aeroshell Oil, replaced Filter w/ on check: 72/80 77/80 76/80 77/80 iming.
Drained oil, of CH48108-1, w 78/80 78/80. C Complied with AD 81-23-03 F	obtained sample and ashed and ran engin leaned, gaped and te the following AD's t2 Exhaust system in	d serviced engine w/ 1	0 quarts W100 A formed compression checked magneto to visual inspection	Aeroshell Oil, replaced Filter w/m check: 72/80 77/80 76/80 77/80 riming.  per Para 1 thru 3
Drained oil, of CH48108-1, w 78/80 78/80. C Complied with AD 81-23-03 F Aircraft retur	obtained sample and ashed and ran engin- leaned, gaped and te the following AD's 2 Exhaust system in ned to service.	d serviced engine w/ 1 e, leak check good. Prei ested all spark plugs and tegrity: By pressure and	o quarts W100 A cormed compression checked magneto to visual inspection of the Kingman, A	Aeroshell Oil, replaced Filter w/m check: 72/80 77/80 76/80 77/80 riming.  per Para 1 thru 3  72. 86401 928-757-7744
Drained oil, of CH48108-1, w 78/80 78/80. C Complied with AD 81-23-03 F Aircraft retur	obtained sample and ashed and ran enging leaned, gaped and te the following AD's to Exhaust system in the to service.	d serviced engine w/ 1 e, leak check good. Prei ested all spark plugs and tegrity: By pressure and 7100 Flightline Dr.	0 quarts W100 A formed compression checked magneto to visual inspection  Kingman, A	Aeroshell Oil, replaced Filter w/m check: 72/80 77/80 76/80 77/80 riming.  per Para 1 thru 3  72. 86401 928-757-7744
Drained oil, of CH48108-1, w 78/80 78/80. C Complied with AD 81-23-03 F Aircraft retur	obtained sample and ashed and ran enging leaned, gaped and te the following AD's to Exhaust system in the to service.	d serviced engine w/ 1 e, leak check good. Prei ested all spark plugs and tegrity: By pressure and	0 quarts W100 A formed compression checked magneto to visual inspection  Kingman, A	Aeroshell Oil, replaced Filter w/m check: 72/80 77/80 76/80 77/80 riming.  per Para 1 thru 3  72. 86401 928-757-7744
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Drained oil, of CH48108-1, w 78/80 78/80. C Complied with AD 81-23-03 F Aircraft retur Air Zona Airc	obtained sample and ashed and ran enging cleaned, gaped and teath the following AD's to Exhaust system in med to service.  The following AD's to Exhaust system in me	d serviced engine w/ 1 e, leak check good. Presented all spark plugs and stegrity: By pressure and regrity: By pressure and regrity: By pressure and reven Hurlburt Steven Hurlburt Steven Facebase State St	of quarts W100 A cormed compression checked magneto to visual inspection of the Kingman, A compression of the compression of th	Aeroshell Oil, replaced Filter w/on check: 72/80 77/80 76/80 77/80 riming.  Deer Para 1 thru 3  Z. 86401 928-757-7744  Doubt Tach: 4153.6  Aeroshell Oil, replaced Filter w/
Drained oil, of CH48108-1, w 78/80 78/80. C Complied with AD 81-23-03 F Aircraft retur Air Zona Airo	obtained sample and ashed and ran enging cleaned, gaped and teath the following AD's to Exhaust system in med to service.  The following AD's to Exhaust system in me	d serviced engine w/ 1 e, leak check good. Presented all spark plugs and stegrity: By pressure and regrity: By pressure and regrity: By pressure and reven Hurlburt Steven Hurlburt Steven Facebase State St	of quarts W100 A cormed compression checked magneto to visual inspection of the Kingman, A compression of the compression of th	Aeroshell Oil, replaced Filter w/on check: 72/80 77/80 76/80 77/80 riming.  Deer Para 1 thru 3  Z. 86401 928-757-7744  Doubt Tach: 4153.6  Aeroshell Oil, replaced Filter w/
Drained oil, of CH48108-1, w 78/80 78/80. C Complied with AD 81-23-03 F Aircraft return Air Zona Airc Cotober 31, 20 Drained oil, ob CH48108-1, was	obtained sample and ashed and ran engine the following AD's to Exhaust system in ned to services.  The following AD's to Exhaust system in ned to services.  The following AD's to Exhaust system in ned to services.  The following AD's to Exhaust system in ned to services.  The following AD's to Exhaust system in ned to services.  The following AD's to Exhaust system in ned to services.  The following AD's to Exhaust system in ned to services.	d serviced engine w/ 1 e, leak check good. Presented all spark plugs and engine with tegrity: By pressure and a serviced engine with the serviced	of quarts W100 A cormed compression checked magneto to visual inspection of the Kingman, A compression of the compression of th	Aeroshell Oil, replaced Filter w/on check: 72/80 77/80 76/80 77/80 riming.  Deer Para 1 thru 3  Z. 86401 928-757-7744  Doubt Tach: 4153.6  Aeroshell Oil, replaced Filter w/
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Drained oil, of CH48108-1, w 78/80 78/80. C Complied with AD 81-23-03 F Aircraft return Air'Zona Airc Drained oil, ob CH48108-1, was Air'Zona Aircraft Air'Zona Air'Zona Air'Cona Air'C	obtained sample and ashed and ran engine the following AD's to Exhaust system in ned to service.  A & P 1856233 St.  Olfo S/NP210000 tained sample and thed and ran engine, aft Services, Inc.	d serviced engine w/ 1 e, leak check good. Presented all spark plugs and stegrity: By pressure and stegrity: By pressure and steven Hurlburt.  Serviced engine w/ 10 leak check good. Aircraft 1700 Flightline Dr.	of quarts W100 A cormed compression checked magneto to visual inspection of the Kingman, A compression of the compression of th	Aeroshell Oil, replaced Filter w/on check: 72/80 77/80 76/80 77/80 riming.  Deer Para 1 thru 3  Z. 86401 928-757-7744  Doubt Tach: 4153.6  Aeroshell Oil, replaced Filter w/
Drained oil, of CH48108-1, w 78/80 78/80. C Complied with AD 81-23-03 F Aircraft return Air'Zona Airc Drained oil, ob CH48108-1, was Air'Zona Aircraft Air'Z	obtained sample and ashed and ran engine the following AD's to Exhaust system in ned to service.  A & P 1856233 St.  Olfo S/NP210000 tained sample and thed and ran engine, aft Services, Inc.	d serviced engine w/ 1 e, leak check good. Presented all spark plugs and engine with tegrity: By pressure and a serviced engine with the serviced	of quarts W100 A aft returned to ser Kingman, A	Aeroshell Oil, replaced Filter w/on check: 72/80 77/80 76/80 77/80 riming.  Deer Para 1 thru 3  Z. 86401 928-757-7744  Doubt Tach: 4153.6  Aeroshell Oil, replaced Filter w/
Drained oil, of CH48108-1, wr. 78/80 78/80. Complied with AD 81-23-03 F. Aircraft return Air Zona Airc.  Job 7542 October 31, 20 Drained oil, ob CH48108-1, was Air Zona Aircraft.	obtained sample and ashed and ran engine the following AD's to Exhaust system in ned to service.  A & P 1856233 St.  Olfo S/NP210000 tained sample and thed and ran engine, aft Services, Inc.	d serviced engine w/ 1 e, leak check good. Presented all spark plugs and stegrity: By pressure and stegrity: By pressure and steven Hurlburt.  Serviced engine w/ 10 leak check good. Aircraft 1700 Flightline Dr.	of quarts W100 A aft returned to ser Kingman, A	Aeroshell Oil, replaced Filter w/on check: 72/80 77/80 76/80 77/80 riming.  Deer Para 1 thru 3  Z. 86401 928-757-7744  Doubt Tach: 4153.6  Aeroshell Oil, replaced Filter w/
Drained oil, of CH48108-1, w 78/80 78/80. C Complied with AD 81-23-03 F Aircraft return Air'Zona Airc Drained oil, ob CH48108-1, was Air'Zona Aircraft Air'Z	obtained sample and ashed and ran engine the following AD's to Exhaust system in ned to service.  A & P 1856233 St.  Olfo S/NP210000 tained sample and thed and ran engine, aft Services, Inc.	d serviced engine w/ 1 e, leak check good. Presented all spark plugs and tegrity: By pressure an	of quarts W100 A commend compression thecked magneto to visual inspection of the compression of the compress	Aeroshell Oil, replaced Filter w/on check: 72/80 77/80 76/80 77/80 riming.  Deer Para 1 thru 3  Z. 86401 928-757-7744  Doubt Tach: 4153.6  Aeroshell Oil, replaced Filter w/
Drained oil, of CH48108-1, w 78/80 78/80. C Complied with AD 81-23-03 F Aircraft return Air'Zona Airc Drained oil, ob CH48108-1, was Air'Zona Aircraft Air'Z	obtained sample and ashed and ran engine the following AD's to Exhaust system in ned to service.  A & P 1856233 St.  Olfo S/NP210000 tained sample and thed and ran engine, aft Services, Inc.	d serviced engine w/ 1 e, leak check good. Presented all spark plugs and stegrity: By pressure and stegrity: By pressure and steven Hurlburt.  Serviced engine w/ 10 leak check good. Aircraft 1700 Flightline Dr.	of quarts W100 A commend compression thecked magneto to visual inspection of the compression of the compress	Aeroshell Oil, replaced Filter w/on check: 72/80 77/80 76/80 77/80 riming.  Per Para 1 thru 3  Z. 86401 928-757-7744    June 1

g	Job 7559		Cessna P2	210N	<i>N839HF</i>	Tach: 4174.1
Ť	November 30, 2016	S/NP21000633	10	quarts W1	00 Aeroshell O	il, replaced Filter w/
	November 30, 2016  Drained oil, obtained	sample and service	d engine w/ 10	quare		
	CHARIOR-1 washed ar	id ran engine, leak cir	eck good.			
	Complied with the foll	owing AD's	and vi	sual inspect	ion as per Para 1	thru 3
	Complied with the foll AD 81-23-03 R2 Exhau	st system integrity: B	y pressure and va			
	Aircraft returned to se	ervice.		Kinoman	, AZ. 86401	928-757-7744
_	Air'Zona Aircraft Ser	vices, Inc. 7100 I	Flightline Dr.	Kingina	1 111	-1
			VQ-	ent	Tulky	50 _
_	A & P	1856233 Steven Hu	rlburt X X LL	in I	100000	
_		1			and the second section in the second	
_				ONT NIO201	UF Tach: 420	1.8 TTAF:4201.8
	<sub>JOB</sub> 7616 <b>January 25, 201</b> 7	7 S/NP2100063	3 Cessna P210	JN 190371	ir racii inci	
_	January 25, 2017			OH: 287.		Manual Inspection
_				with the	Cessna Service	Manual Inspection 3 76, #4 77, #5 76, #6
	Performed a 1	OU hr Inspection	Checked com	pression, #	#1 74, #2 76, #3	3 76, #4 77, #5 76, #6 s W100 Aeroshell Oil,
-	Checklist. Chec	cked compression, .	-d comple and se	rviced eng	ine w/ 10 quart	s W100 Aeroshell Oil,
	70 aver 80nc	i Drained oil, obtain	ed sample and		1 Dlace Cleaned	Installed new seal on
_	replaced Filter w	CH48108-1. Magnet	o Timing Check	40612 flat	washer. Replace	l. Installed new seal on outlet gasket on turbo
_	the Fuel Injectors	s, (6) 633958-3 (12) 0	30777 7 4212 (17			
	charger with p/n	649979 gasket.		T.	- stalled @ Ove	rhaul.
_	AD 16-16-12	649979 gasket. ECI Cylinders N	A New ICM C	ymucisia	with a 100 h	r Inspection, current
	I samify that the	his Engine has bee	II IIIspected 122	accordanc	e with a rec	r Inspection, current
_	FAR's and was i	found to be AlfWort	Hy LIIIS date.			Mu
	Air'Zona Aircraft S	ervices. Inc. 7100 Flig	htline Dr King	gmart, AZ.	10401 N 740-1-1/	17"
	Air Zona Aircian o			N	V///	7
_				$\langle \langle $	1	A CONTRACTOR OF THE PARTY OF TH
	. a penneco162	IA Leonard D Ne	CO CO NO	S. C.	6100	
_	A&P529869100	LA LEGITATE DATE	7	,		
_						
						91 11226.9
						- 1 44410
	ob 7661	NP21000633	Cessna P2101	<b>V</b>	N839HF	Tach: 4661.9
F	rained oil, obtained sam	1 and comiced eng	ne w/ 9 quarts W	100 Aeros	hell Oil, replaced	d Filter w/ CH48108-
D	rained oil, obtained sam	pie and serviced eng	ne m > q-			
1,	washed and ran engine	, leak check good.				
	Aircraft returned to serv		:-Lalina Dr	Kinaman	AZ. 86401	928-757-7744
A	ir'Zona Aircraft Servi	ces, Inc. 7100 FL				1_
			02	· ht	Dens	
	A & P 18	856233 Steven Hurl	burt X XVVV	UFLE	und ou	<u></u>
					and the same of th	
	Job 7790		D010N	MRS	9HF Ta	ach: 4253.0
	June 9, 2017 S/NP.	21000633 C	essna P210N	1100	OO Asrochell (	oil replaced Filter w/
-	Drained oil, obtained	sample and serviced	engine w/ 10	quarts W	100 Aerosilen	Oil, replaced Filter w/
i	CH48108-1, washed and	l ran engine, leak che	ck good.			
	Aircraft returned to se	rvice.				928-757-7744
•	Air'Zona Aircraft Ser	vices, Inc. 7100	Flightline Dr.	Kingma	n, AZ. 86401	920-131-11=
	All Zolla Alliciali oci		00	-	RHul	1 +
	4 ft. 70	1856233 Steven Hu	riburt Xe	olu !	h Hull	guy
	A&P	10JUZSS SIEVEII IIU	110011			5

Job 7816								
July 62	2017 5	VNP210006	32					
sparkplu	oil, ohta	ined sample ed and ran		Cessna P210N ed engine v// 9 k check good.	N839HF quarts W100 Aero Replaced all sparkp	shell Oil, a	eplaced Filter v serviceable RHB32	v/ 2S -
Air'Zon	a Aircraft	Services, I			. 0'			
		& P 185623		Flightline Dr. urlburt	Kingman, AZ.		928-757-7744	
7887 gust 28, 20 ined oil, o	Removed Engine de All work complied Engine se Complied Engine rui FAA 8130 e maintena worthiness	VIZIZO17 MO and reinstalleceaned with solveried out IAW riviced with 11 with AD 81-23 n carried out, no form with airceance described.  EMP 2100063 sample and if ran engine,	HESTER ROA DEL: CESSNA d all six cylinde vent before cyli Continental Ots Shell 100 -03 R2, exhaus ot leaks and ru raft records. ed above has bradford McLe serviced en	P210N SN P2100 rs after repair by Cor nder installation. aintenance manual. break-in oil. st inspection, no fault n satisfactory. been completed in ean  Cessna P210N gine w/ 10 quart good. Aircraft ret	s found.  accordance with the A&P 3.  N839HF s W100 Aeroshell	e applicable 455587  Tach: Oil, replace	standards of	
		•		D. Helco	en an	D	Heles	}_
b 7925							T 1 4000 C	1
	25, 2017	S/NP210	00633	Cessna P210	N N839H		Tach: 4332.6	2
ained oil,	btained s	ample and s ine, leak che	erviced engi ck good.	ne w/ 9 quarts W	100 Aeroshell Oil,	replaced FI	ici #/ GITO100°	
	1 -1 - C-11	auring AD'e						
81-23-03	R2 Exhau	ıst system in	tegrity: By J	pressure and visua	d inspection as per	Para I thru	13	
ircraft retu			7100 Fli	ghtline Dr.	Kingman, AZ. 86	401 9	28-757-7744	-
r Zona Ai		rvices, Inc. ? 3725774 B	_	Brian	Mey			İ
		ı	1		V.			
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+			19					
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	. 1 y 1	1		SUB-TOTALS to	nis page		· · · · · ·	-

			2650 W Shamrell Blvd	N839HF	Engine	
		TAR	Flogetaff Pulliam Allport	Tach: 4364.2	TTAF; 4364.2	
age No.		* 1	Flagstaff, AZ 86001	SMOH: 1029.9	WO-14 th 1, 2018	No week
2475	TOTAL					ING WORK
DATE	SERVICE	A line	paction in accordance with Cess	na P210 series mar 2/80, #5: 69/80, #6	nual. : 70/80.	
		+ Compressions: #1:	72/80 #2: 71/80, #3: 68/80, #4: / d filter, cut open filter, inspected 108-1 oil filter and serviced with	for contamination.	W100 oil.	
		→ Drained oil, Terriore → Installed new CH48	d filter, cut open filter, inspected 108-1 oil filter and serviced with	- out due 4414 2		
		AD's + 81-23-03R2 Inspect	ted exhaust per par. (a) and (b), and cycle 2018-04.	next due 4414.2		
		A D'e CHACKED UIIOU	gir of a secondance	WITH a attitude mape	ection in accordance	
				30111001		1
		Rory T. Goforth 27361			Farina	
			2650 W Shamrell Blvd	N839HF	Engine WO-146	
		WIN	Flagstaff Pulliam Airport Flagstaff, AZ 86001	Tach: 4395.2	VVO-140	
		WISEMA	928.779.9585 Phone 928.779.9586 Fax	Aug	ust 7, 2018	
			a oil filter and installed new Una	18108-1 oil filter.		
		<ul> <li>→ Drained oil, remove</li> <li>→ Serviced engine with</li> </ul>	th 9qts Aeroshell W100 oil.	(b) next due 4445.	2	
		→ AD 81-23-03R2 Ins Rory T. Goforth 27361	Decled extradat por par	(6),		
		Rory I. Goldin 2750				7
	1		2650 W Shamrell Blvd	N839HF	Engine	-
+		WID	Flagstaff Pulliam Airport Flagstaff, AZ 86005	Tach: 4421.3	WO_235	200
		WISEMA	928 779 9585 Phone	Dasam	ber 12, 2018	1
		AVIATIO	N 928.779.9586 Fax	Decemine V	with 10 ats Aeroshell	
		→ Drained oil. Remove W100 oil.	ed and replaced oil filter with nev	v. Serviced engine	and to que to the total and th	
		Michael J Clever 2998	27544 AP Muy Ca			
1						DATE: 9/23/20
ENGINE MODEL: 1 ENGINE S/N: REG. NO: N839HF WORK ORDER: 20		Repa 2026 Carls	gar One Avionics ir Station No. 1HGR058B Palomar Airport Road bad, CA 92011			A/C TS ENG TACH: 446
	_	Phon	e: 760-929-2270			
Engine Entrie	s DU mag di	on / 250 + RPM: Removed	#1 Top Spark Plug; cleaned, tested a	and reinstalled. Groun	d run revealed no negative	e results.
Customer reports	s Kn-illay u	op / 200 - Itt III. Itemetee	paired and of inspected in accordance with	current Regulations of the	Federal Aviation Administrati	ion and Manufacturer data an
This aircraft, airfrants is approved for retu	me, or appliant um to service.	e identified above has been rep		•		
DATE: 9/23/2019	9	SIGNED:	V//			Work Order: 20190923-
		Mike Clingerman	pation No. 1HGR058B		Printed	by EBis 3 (datcomedia.co
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			SUB-TOTALS this p	and KNAKO	ED IN WEAR	Co hor han
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			TOTALS—Carry for	ward to nevt need		

DATE						
J.I.L	Ai	rcraft Ser	vice And	Parts, L.L.C.	Date:	9-1-2020
			Airport R		Tach Time:	
			rizona 86		Total Time:	
			43 602-4		Time SMOH:	
				ccessory A.D.s through		
			cord for de			
				72/80, #2 70/80, #3 70/		
				within limits. Cleaned		
				ilter, opened and inspec		
				rviced engine with 10 querobe wiring to #2, #4 and		
				ened TIT probe. Provide		
	pro	tection bet	tween inter	cooler and #1 cylinder	ocker cover and bet	ween —
	ind	uction air i	nlet duct ar	nd #3 and #5 cylinder ro	cker covers. Secured	l fuel
	pre	ssure hose	and set air	conditioning belt tension	n to specifications.	9
	10	ertify that	this engine	has been inspected IAV	V a 100 hour/annua	I inspection
	and	was deter		e in an airworthy condit		1.
			11	nomas L. Town 3648361	A Sour ?	pro-
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				SUB-TOTALS this page		