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TOTALS				DATE BRT. FWD.
	••		 ••	Reg: N9777Y Model: Continer SN: CS 9633 TTE: 2167.8 Installed engine engine overhaul with new with no muffler. Installed forward flexible I mixture control a kit STC SA0116 Continued airwo gasket and time change. All AD's inspection and I
	••		 ••	Reg: N9777Y  Model: Continental IO-470-N1  SN: CS 96333R  TTE: 2167.8 TSMOH: 0.0  Installed engine IO-470-N1, S/N engine overhaul entry for details. with new with new Lord isolation muffler. Installed vacuum pump v forward flexible fluid carrying host mixture control arm with new. Adi kit STC SA01165CH, in accorda Continued airworthiness in aircral gasket and timed to engine IAW change. All AD's checked thru 1 inspection and has been determi
	••	••	 ••	N1 H: 0.0 H: 0.0 H: 0.0 S/N CS 9633 S/N CS 9633 S/N CS 9633 S/N CS 9633 Pation mounts Foump with new ghoses with 11-24. I celetermined to be etermined to be etermined to be spalla
All repairs, inspections, alterations must be endorsed by a mechanic or repair agency with name, rating and cert. no.				McClelland Aviation  Reg: N9777Y  Model: Continental IO-470-N1  San Jose, CA 95148  SN: CS 96333R  TSM0H: 0.0  Maintenance Record (Engine)  ITA: 4376.3  San Jose, CA 95148  San Jose, CA 95148  San Jose, CA 95148  TSM0H: 0.0  Maintenance Record (Engine)  Installed engine IO-470-N1, S/N CS 96333R on N9777Y after overhaul by Mid Valley Aviation W/O# 3608 see Mid Valley Installed engine overhaul entry for details. Magnetoes, fuel pump, fuel control and spider valve installed by Mid Valley. Installed with new Lord isolation mounts P/N J7518-2, new mounts bolts and lock nuts. Installed by Mid Valley Installed engine multifler: Installed vacuum pump with new gasket, Installed generator and adjusted drive belt per specs. Replaced firewall multifler: Installed vacuum pump with new gasket, Installed generator and adjusted drive belt per specs. Replaced firewall mounts entrol arm with new Adjust engine control cables per Beech specs. Installed owner supplied D Shamnon engine baffle mixture control and reset to engine law TCM service manual. C/W AD 96-12-22 oil filter adapter assy per instructions next due at filter change. All AD's checked thru 11-24. I certify that this Engine has been inspected in accordance with a 100 Hour/Annual inspection and has been determined to be in airworthy condition  Mike McClelland A&P3481394IA
t be endorsed b				Date: TTA: Tach: Hobbs: Hobbs: W/O# 3608 see Mid by Mid Valley, Installed pervious exhaust see a seed mixture control of special Distance of the speci
y a certificated no.				2/7/2014 4376.3 4376.3 695.6  Walley ed engine stacks and rewall rod end at engine baffle instruction for fled with new due at filter Annual
cated				\ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \ \

Reg: Mode D: SN: TTE:	N9777Y d: Continenta C/S 96333 2217.4		McClelland Aviation 2655 Robert Fowler Way San Jose, CA 95148 <b>Maintenance Record (Engine)</b>	Date: TTA: Tach: Hobbs:	10/7/2014 <b>——</b> 4425.9 4425.9 750.8
due al	-	e. Test ran and leak o	filter no contaminates found. Cleaned,gapped, tested and ro ss. Serviced with phillips 20-50W. C/W AD 96-12-22 oil filter checked. Returned to service.	stated all spark plug adapter, no defect	js. Checked ts noted next
SN: TTE Chai (#5) new chro	del: Continen C/S 9633 : 2259.0 inged oil and (62/80; (#6) ECI pistons ome with new	ntal 10-470-N1 33R TSMOH: 91.2 I oil filter, inspected oi 78/80. Removed cyl and ring sets P/N E0 v ECI iron ring set P/N	McClelland Aviation 2655 Robert Fowler Way San Jose, CA 95148  Maintenance Record (Engine)  il filter no contaminates found. Compressions (#1) 40/80; (#2 linders #'s 1,2,3 and 5. Replaced cylinders #(\$,3,and 5 with C 654650 CW, #1 S/N 10585-5, #3 S/N 10585-2 and #5 S/N CC106. All work in accordance with TCM overhaul/service	EUI Serviceable Ci /N 10585-1, #2 ser	ermiNil with rviceable
chec	cked. C/W A this Engine h	AD 96-12-22 oil filter a	ested all high tension leads. Serviced engine with Aeroshell 10 adapter assy per instructions next due at filter change. All AD in accordance with a 100 Hour inspection and has been determined.	00 mineral oil. Test	ran and leak

# 1 53

Model: SN: TTE: Change	d oil and oil filt	SMOH: 144 S er. Inspected o to be within sp	il filter no conta ecs. Serviced v	McClelland Aviation 2555 Hobert Fowler Way San Jose, CA 95148 enance Record (Engine) minates found. Cleaned,gapped, tested and with phillips 20-50W. CAW AD 96-12-22 oil filk-	Date: TTA: Tach: Hobbs: rotated all spark plugs er adapter, no defects	9/22/2015 4520.9 4520.9 851.0 Checked noted next	ECTION RENCE ATA		
Reg: Model: SN:	Quyen A&P274 N9777Y Continental IO- C/S 96333R 2359.1	-470-N1 :мпн· 191.3		McClelland Aviation 2655 Robert Fowler Way San Jose, CA 95148 enance Record (Engine)	Date: TTA: Tach: Hobbs:	7/1/2016 4567.6 4567.6 902.9			
Changed oil and oil filter, inspected oil filter no contaminates found. Compressions (#1) 77/80; (#2) 68/80; (#3) 76/80; (#4) 75/80; (#5) 77/80; (#6) 72/80. Cleaned, gapped, tested and rotated all spark plugs. Checked magneto timing and set to specs. Tested all (#5) 77/80; (#6) 72/80. Cleaned, gapped, tested and rotated all spark plugs. Checked magneto timing and set to specs. Tested all (#5) 77/80; (#6) 72/80. Cleaned, gapped, tested and rotated all spark plugs. Checked magneto timing and set to specs. Tested all (#5) 77/80; (#6) 72/80. Cleaned, gapped, tested and rotated all spark plugs. Checked magneto timing and set to specs. Tested all (#5) 77/80; (#6) 72/80. Cleaned, gapped, tested and rotated all spark plugs. Checked magneto timing and set to specs. Tested all (#5) 77/80; (#6) 72/80. Cleaned, gapped, tested and rotated all spark plugs. Checked magneto timing and set to specs. Tested all (#5) 77/80; (#6) 72/80. Cleaned, gapped, tested all spark plugs. Checked magneto timing and set to specs. Tested all (#5) 77/80; (#6) 72/80. Cleaned, gapped, tested all spark plugs. Checked magneto timing and set to specs. Tested all (#5) 77/80; (#6) 72/80. Cleaned, gapped, tested all spark plugs. Checked magneto timing and set to specs. Tested all (#5) 77/80; (#6) 72/80. Cleaned, gapped, tested all spark plugs. Checked magneto timing and set to specs. Tested all (#5) 77/80; (#6) 72/80. Cleaned, gapped, tested all spark plugs. Checked magneto timing and set to specs. Tested all (#5) 77/80; (#6) 77/80; (#									
— Mike M	IcClelland A&P	3481394IA	•		to the last transfer of the la				
TOTALS	:	:	:		terations must be endorsed by a certificate with name, rating and cert. no.				

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Reg: N	N9777Y	McClelland Aviation	Date:	1/4/2017
-	Continental IO-470-N1	2655 Robert Fowler Way	TTA:	4623.5
	C/S 96333R	San Jose, CA 95148	Tach:	4623.5
	2415.0 TSMOH: 247.2	Maintenance Record (Engine)	Hobbs:	958.8
Changed	d oil and oil filter. Inspected oil filter no	contaminates found. Cleaned,gapped, tested and rotated	all spark plugs. Chec	cked mag
iming an	nd found to be within specs. Serviced	with phillips 20-50W. C/W AD 96-12-22 oil filter adapter, r	no defects noted next	due at niter.
change.	Test ran and leak checked. Returned	TO SERVICE.		
A	ery 1.22			
Terry Ng	uyen A&P2747466	LL Clalley d Assistion	Date:	6/2/2017
Re	g: N9777Y	McClelland Aviation 2655 Robert Fowler Way	TTA:	4704.1
Mo	del: Continental IO-470-N1	San Jose, CA 95148	Tach:	470.9
SN	: C/S 96333R		Hobbs:	1009.5
	<ul> <li>эмсэ с темо⊔: 294.8</li> </ul>	Maintenance Record (Engine)		H () 70200.
[5]	L. T. and all filter, inspected oil filt	er no contaminates found. Compressions (#1) 75/80; (#2) Litested and rotated all spark plugs. Checked magneto time	72/80; [#3] /6/80; [} sing and set to specs.	ниј лолоо. Tested all
hia	h tension leads. Serviced engine with	17.11   certify that this Engine has been	en inspected in accor	dance with
inst	tructions next due at filter change. All	been determined to be in airworthy condition		
an	Annual/100 Hour inspection and has			
	MI IMELL			
Mil	e McClelland A&P3481394IA			
Time				

= SN: C/9	ntinental IO-4 5 96333R 13.7 - TSN	ион: 345.9	Mainter	McClelland Aviation 655 Robert Fowler Way San Jose, CA 95148 nance Record (Engine)	T T H	ate: TA: ach: Hobbs:	8/23/2017 4755.2 522.0 1066.0	PECTION ERENCE DATA
mag timing due at filter	and found to	be within spec st ran and leak	filter no contamir cs. Serviced with checked. Return	nates found. Cleaned,gapped, tested a phillips 20-50W. C/W AD 96-12-22 oil ned to service.	nd rotated all sp filter adapter, n	park plug no defect	is noted next	
	Make: BEE Order No.: S/N: D-716 Engine Lo	CH 46761	7 101 H	iation Maintenance lartley Place rbara, CA 93117  Reg. No.: N9777Y Completed: 11/07/17 TTAF: S/N: CS96333R				
	Complied v	vith AD 96-12-22 to que putty. installed no discrepancies	ov inspection, check	ked torque on adapter nut and il filter. performed ground run				
TOTALS	:		:	All repairs, inspections, alter				

	Reg:	N9777Y		McClelland Aviation	Date:	3/30/2018	
	Model	: Continenta	IIO-470-N1	2655 Robert Fowler Way	TTA:	5222.3	
	SN:	C/S 96333	3R	San Jose, CA 95148	Tach:	571.8	
F	TTE:	2563.5	TSMOH: 395.7	Maintenance Record (Engine)	Hobbs:	1122.8	
一	Change	ed oil and oi	l filter, inspected oil fil	ter no contaminates found. Compressions (#1) 77/80; (#2)	62/80; (#3) 76/80; (	#4) 74/80;	
$\vdash$	high te	nsion leads.	s/80.cleaneg, gappe Serviced engine with	d, tested and rotated all spark plugs. Checked magneto tim Aeroshell 15-50W.Replaced right hand muffler P/N K701-	ning and set to specs NS and left hand muft	. Tested all _ fler K701-04	
	with ne	w from Knisl	ley. Mufflers installed	with new hardware.Test ran and leak checked, C/W AD 9	96-12-22 oil filter adap	oter assy per _	
	instruct	ions next du Jour inspecti	ie at filter change. All ion and has been del	AD's checked thru 18-06. I certify that this Engine has bee ermined to be in airworthy condition	en inspected in accor	dance with	
	ì			ennined to be in all worthy condition			
-	X.	Jary !.	7//				
	I erry iv	guyen Å&P2	7427466				
	Reg: 1	N9777Y		McClelland Aviation	Date:	7/1/2018	
	Model: (	Continental II	O-470-N1	2655 Robert Fowler Way	TTA:	5254.6	
	SN: 0	C/S 96333R		San Jose, CA 95148	Tach:	604.1	
		2595.8 T	SMOH: 428.0	Maintenance Record (Engine)	Hobbs:	1160.0	
	Changed	oil and oil fi	lter, inspected oil filter	no contaminates found. Compressions (#1) 76/80; (#2) 60/	/80; (#3) 78/80; (#4)	77/80; (#5)	
1 17	77/80-(1	\$6) 72/80 Cl	eaned, gapped, teste	d and rotated all spark plugs. Checked magneto timing and	set to specs. Tested	all high	
It	ension le	eads.Service	ed engine with Phillips	20-50W. Test ran and leak checked. C/W AD 96-12-22 oil D's checked thru 18-12. I certify that this Engine has been in	rriker adapter assy pe ospected in accordan	r ce with an	
-	nstructio Annual/1	ns next aue NN Hour inst	at filter charige. All Al nection and has been	determined to be in airworthy condition	iopootod iii dooordari		
ľ	1	11-0 1	15/10/				
		4/1/	1 Chul				
I <sub>V</sub>	1ike Mcl	Clelland A&P	3481334IA			B B B	

DATE MO SN BRT. TT FWD	E: 2642.9 anged oil and o	3R TSMOH: 47! oil filter, Inspect	ted oil filter no d	McClelland Aviation 2655 Robert Fowler Way San Jose, CA 95148  aintenance Record (Engine)  contaminates found. Cleaned,gapped, tested ced with Aeroshell 15-50W. C/W AD 96-12-2 d. Returned to service.	Date: TTA: Tach: Hobbs: I and rotated all spark plugs 22 oil filter adapter, no defer	5/6/2019 5301.7 IN 651.2 IE 1216.1 ===================================
Te	rry Nguyen A&I	P2747466	4			
5-24-1	:	:	658:6	REMOVED PROPELLER, LINES to LIFT ENGINE AN	IN REPLACE IN	TAICE THUSE
	:	:		FROM MASS AIR DEFECTOR &		
	:	:		revery Hing Per Brech &		
	:	:	:		over to Sero	1
	:	:	:	tury. M ASP	2747466	
	:	/:	:			
8	:	/ :	:			
	:/	:	:			
TOTALS	/:	•	:	All repairs, inspections, alteration mechanic or repair agency with	ns must be endorsed name, rating and cer	by a certificated

	Model: SN:	N9777Y Continental IO-470-N1 C/S 96333R 2650.3 TSMOH: 482.5	McClelland Aviation 2655 Robert Fowler Way San Jose, CA 95148 <b>Maintenance Record (Engine)</b>	Date: TTA: Tach: Hobbs:	7/3/2019 5309.1 658.6 1224.9		
	(#5) 77/ high ten instructi Annual/	/80; (#6) 77/80.Cleaned, gapped nsion leads.Serviced engine with A ions next due at filter change. All A	er no contaminates found. Compressions (#1) 75/80; (#2) 7 , tested and rotated all spark plugs. Checked magneto timin keroshell 15-50W. Test ran and leak checked. C/W AD 96 AD's checked thru 19-13. I certify that this Engine has been en determined to be in airworthy condition. Returned to serv	ig and set to specs. -12-22 oil filter adap inspected in accord	Tested all ter assy per		
	Rea:	N9777Y	McClelland Aviation	Date:	8/7/2020		
	_	Continental IO-470-N1	2655 Robert Fowler Way	TTA:	5348.6		
	SN:	C/S 96333R	San Jose, CA 95148	Tach:	698.1		
L	TTE:	2689.8 TSMOH: 522.0	Maintenance Record (Engine)	Hobbs:	1272.7		
	Changed oil and oil filter, inspected oil filter no contaminates found. Compressions (#1) 77/80; (#2) 62/80; (#3) 76/80; (#4) 78/80; (#5) 68/80; (#6) 77/80. Cleaned, gapped, tested and rotated all spark plugs. Checked magneto timing and set to specs. Tested all high tension leads. Serviced engine with Aeroshell 15-50W. Test ran and leak checked. C/W AD 96-12-22 oil filter adapter assy per instructions next due at filter change. All AD's checked thru 20-15. I certify that this Engine has been inspected in accordance with an Annual/100 Hour inspection and has been determined to be in airworthy condition. Returned to service.  Mike McClelland A&P3481394IA						

Mid Valley Aviation

1000 Airport Road

Los Banos, CA. 93635

TACH @ REMOVEAL 709.8

TACH @ Installation 709.9

NEED to ADD 11.8 Hrs & TSMETT

Date 08/12/2021 Engine Model Continental IO470N S/N 96333 TSMH 522.00 TT 2689.8

Engine repair due to a crack in the crank case.

Disassembled, cleaned, removed the crack case due to a crack on top by cylinder #2 area, installed a serviceable crank case, P/N 642179 inspected the crank case by visual, dimentional and flourecente liquid penetrant inspection method SE-1209. crank case found in satisfactory condition. Reassembled, the engine with new rod bearings, main bearings, rod bolts and nuts, seals and gaskets, installed a new set of through bolts. installed a overhauled fuel pump P/N 638154-9R S/N 1027704RB, complied with SB 96-10B Installed a O/H starter motor, P/N ES646238-2, S/N H-VO63468, performed a 500 Hrs. Magnetos inspection in accordance with the Slick magnetos O/H manual, installed new contact sets. Magnetos P/N 6310 S/N 12010852, 120110853. Installed new spark plugs. All AD,s has being revised for compliance. test run the engine, no defects noted

Guill Cólocho for Mid Valley Aviation A&P level II NDT inspector. 2415314

I certify that this engine has been repaired in accordance with the continental engine overhaul manual intructions, and current F.A.A. regulations and was determined to be in airworhty condition.

Continental	10-470-N/5/N-96333 MID VAILEY 8/12/2021		
AD#	Subject AFP 2415314 Amdt #	Eff Date	Recurring
67-31-05	Superseded By 72-20-02		
70-14-07	Fuel Injection Pump Bypass Needle already accomplished 39-2014	11/22/74	å
72-20-02	H Type Cylinder Assemblies N/A by cylinder P/W39-1974 Oil Pressure Relief Valve Housing N/A by ENRINE S/N39-3426	10/02/74	Yes*
79-05-09	Oil Pressure Relief Valve Housing N/A by ENBINE S/N-39-3426	03/12/79	
88-03-06	Oil Filter N/A by all filter P/A)	04/15/88	:
91-19-03	Collapsed Oil Filter Elements N/A by filter cod 39-8030 Missing Cylinder Valve Retainer Key all Keys Installed 39-8603	09/29/91	*
93-10-02	Missing Cylinder Valve Retainer Key all Keys Installed 39-8603	08/12/93	
94-14-12	Superseded By 95-21-15	,	• • • • • • • • • • • • • • • • • • •
95-21-15	Detonation Due To Low Octane all ready accomplished 39-9402	11/28/95	
97-15-01	Superseded By 97-21-02		6
97-21-02	Side Loading Of Pistons all ready accomplished 39-10155	10/27/97	
98-01-08	Exhaust Roller Rocker Arms a 118eady accomplishedPriority Letter	12/23/97	
98-17-11	Crankshafts Installed by Nelson Balancing Service V/A 39-10713	10/19/98	
99-09-17	Superseded By 99-19-01		
99-19-01	Crankshaft Cheek Cracks N/A by Eugine S/N39-11290	09/30/99	-
00-08-51	Superseded By 00-23-21		
00-23-21	Crankshaft Connecting Rod Journal Failure N/A by crowks Haft Ph/39-11994	12/12/00	
07-04-19 R1	Superior Air Parts Cylinder Assemblies 19/4 1005	05/07/07	
09-19-07	EQ3 Cylinder Head Cracks N/A NO EQ3 CYLID der JUSKa lea_39-16023	10/07/09	Yes
09-24-51 E	Superseded By 09-24-52 E *		
09-24-52 E	Superseded By 10-11-04		
10-11-04	Hydraulic Lifter Face Wear U/A by Hydraulic 413 Tre P 10 39-16309	06/16/10	
2-03-06	AVStar Fuel Servo Diaphragm N/A #08 82800 Last 18 1 39-16947	02/24/12	
5-16-12	Hydraulic Lifter Face Wear U/A by Hydraulic Lifter P/N 39-16309  AVStar Fuel Servo Diaphragm N/A No Servo Intelled 39-16947  AEC/CMI Cylinder Assemblies N/A WOREC/CMI Cylinder Assemblies N/A WORCC/CMI Cylinder	09/15/16	

McClelland Aviation N9777Y Reg: TTA: 5360.4 2655 Robert Fowler Way Model: Continental IO-470-N1 Tach: 709.9 San Jose, CA 95148 SN: C/S 96333R Hobbs: 1287.6 Maintenance Record (Engine) 2701.6 TSMOH: 533.8 TTE: Removed propeller and engine due to crack in engine case. Installed engine after case replacement by Mid Valley Aviation see previous entery for details. Engine baffle seals, Installed propeller governor with new gasket P/N MS9144-01. Installed all previously used accessories not installed by Mid Valley. Compressions (#1) 77/80; (#2) 62/80; (#3) 76/80; (#4) 78/80; (#5) 68/80; (#6) 77/80. Cleaned, gapped, tested and rotated all spark plugs. Magnetos had freash 500 hour inspection when installed by Mid Valley. Tested all high tension leads. Engine had oil in it from test run. Test ran and leak checked. C/W AD 96-12-22 oil filter adapter assy per instructions next due at filter change. All AD's checked thru 21-17. I certify that this Engine has been inspected in accordance with an Annual/100 Hour inspection and has been determined to be in airworthy condition. Returned to service Mike McClelland A&P3481394IA Date: 12/9/2022 McClelland Aviation Reg: N9777Y 5364.2 TTA: 2655 Robert Fowler Way Model: Continental IO-470-N1 713.7 San Jose, CA 95148 Tach: C/S 96333R SN: 1290.2 Hobbs: Maintenance Record (Engine) 2705.4 TSMOH: 537.6 TTE: Changed oil and oil filter. Inspected oil filter no contaminates found. Compressions (#1) 78/80; (#2) 77/80; (#3) 76/80; (#4) 62/80; (#5) 70/80; (#6) 77/80. Cleaned, gapped, tested and rotated all spark plugs. Checked magneto timing and found to be within specs. Tested all high tension leads, no defects noted. Ser2viced with Aeroshell 15-50W. Solvent washed engine and engine compartment. Test ran and leak checked. C/W AD 96-12-22 oil filter adapter assy per instructions next due at filter change. All AD's checked thru 22-24. I certify that this Engine has been inspected in accordance with an Annual/100 Hour inspection and has been determined to be in airworthy condition. Returned to service. cated Mike McClelland A&P3481394IA mechanic or repair agency with name, rating and cert. no.

Date.

9/4/2021