BOOK#3*...



Engine Record General Info	rmation	
Manufacturer OCNTINEST	AL MOTORS Model IC 4	170 N 11
Serial 96441 R	Type Certificate	
This engine is currently installe SERIAL#6782	ed in aircraft: <u>BONANZA</u> 3	5 N MODEL
Minimum Octane Fuel	Oil Grade Summer	Winter
Magneto Time	Point Setting	Firing Order
Spark Plug Gap		
Manufacturer's Recommended	Overhaul at hours	

DATE	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
4-18-03	4369.02			INSTALLED OF HAULED TO 470 N-11 ENGINE
				S/N9644/R BYGANN AVIATION INSN.678
				MIDEL BINANZA 5/3R. TT 1558.78 HR
				THIS ENGINE WAS A TEM REMAN
*				AND REMOVED FROM N 650 B AT-TIT. 15-58.70
×				NEW ENGINE MINITS, BULTS FIRE PROOF
				FUEL LINES BRACKET AIR FILTER, NEWOIL
				FILTER, 100TOIL, 9/HAULED VACUUM PUMP
				5 455 SN 3303 AND PROT SOUERNOR P/N210680
				S/N14468944 ENGINE TEST RUN + FRUND NO
				LEAKS, COMPRESSION TEST CYL #178/50
				#27480 #3 50/80 #47/80 #5 76/80 #6 80/80
				ENGINE INSTALLATION IS AIRWORTHY AND
				APPROVED FOR SERVICE
				Dominio QDella Chille 4/1803
				The state of the s
				P 1196945

DATE 19	RECORDING TACH TIME	TODAYS Flight	TOTAL TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of
			SERVICE	Technician or Repair Facility. (See back pages for other specific entries.)
4-18-03	4369.02			I CERTIFY THAT THIS ENGINE HAS BEEN
	Ti	T. E	1558,70	INSPECTED IN ACCORDANCE WITH 100 hr
	1			INSPECTION CHECK LIST PALL
				FOUND TO BE IN AIRWORTHY CONDITION
	-			DATE 4/18/03 ENGTT 1558:70 TTTACH TIME
×				4369.12 Dominia all Wall 9 1196945
		-	,	•
				I CERTIFY THAT THIS CULTURE
				HAS TO INSPECTED IN ACCORDANCE
				WITH AN ANNUAL INSPECTION
•	~~·			AND WAS DETERMINED TO BE IN
				AIRWORTHY CONDITION.
				DATE 4/19/03, TOTAL TIME 1558.7
	1			SIG. M. J. DENEST
	7	•		M. J. DEINESI
6/23/03	4378.40			BIL + FILTER CHANGE INSTALLED 95T
	•			
		(e)		PHILIPS 20W 50 MINERAL GIL EXCINE TEST RUN OK. APPROUED FORSERVICE DAD DONAL PIPL 8475

DATE 49-03-404	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
11/18/03	4408.6			OIL + FILTER CHANGE - INSTALLED 997
-11		MO.	39.58	PAILLIRS 10 W 50 MINERAL OIL TEST RUX
	T.T.	£-	159828	AND APPROVED FOR RETURN TO SERVICE
				Q. QDella Valle 4 1196945
5/22/04			7.27.5.2	ANNUAL INSPECTION OF ENGINE PER
	A			CONTINENTAL/BEECH GUIDE, GILL FICTER
				CLATINENTAL/BEECH GUIDE. GILL FICTER. CHANGED-COMPTEST 80/80 80/80 90/80 79/887/8080/80 REPLACED AIR FILTER-CHERRED EX-INT AND
				REPLACED AIR FILTER - CHECKED EX-INT ALD
				ENG FOR LEAKS, CHERKED ING TIMES 4/420°
-				R/426, INSPECT PROPER RED DYE LEDAS
				CRACKES IN BACK PLATE + GUER ALL CLOUD FILES
				OF PAP. LUBED PLLCONNECTIONS. ENGWE
				TTSMO 54.03 hT AIRCRAFT TT 4423.05 M
	-		4	ENGINE 15-APPROVED FOR RETURNITO
)———				SERVICE Dar Della Malle 1196945-57214
O 1991 ASA				

DATE 2004 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
	4423.05		4423.05	I CERTIFY THAT THIS ENGINE
	5	MB	54.03	HAS BEEN INSPECTED IN ACCORDANCE
	T	:E	1612.73	WITH AN <u>ANNUAL</u> INSPECTION
			7.7	AND WAS DETERMINED TO BE IN
				AIRWORTHY CONDITION.
				DATE 5/22/04 TOTAL TIME 44/25.03
				SIG. M. J. ALLANT ROPIGS441336 J. R. M. J. DENEST
				•
	_			
				,
			<u> </u>	© 199

DATE 2005	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/07/05	4456		4456	PERFORMED 100 HT INSPECTION FOR
=/01/-	Es	mo	86.98	ANNUAL OF ENSINE PER CONTINENTAL
	TT-E		1645,68	BEECH GUIDE, OIL AND FILTER CHANGED
				COMPRESSION TEST 1 3 5 2 4 6 80/80 79/80 180 180 180 180 7/80 7/80
				SPINES OLEANED AND SAPPED, INSPECTE
			1	INTAKE, EXHAUST SYSTEM AND ALL
				ENSINE CONNETTIONS FOR CRACKS AND
				LEAKS. REPLACED AIR FICTER.
				CHECKED I ENTITION THAME LH/20°
				R/H20° INSPECTED PROPANO BACK
				PLATE FOR CONDITION EXIGINE TIME
				Sim. B. 86.98 hr. I HAUE INSPECTED
				THIS EXTINE IN ACCORDANCE WITH
1				100 hr HOPECTION AND WAS DETERMINED
				TO BE IN AIR WORTHY CONDITION
				Dominie Della Valla P 1196945 6/7/00

Alterations e Number of ecific entries.)	DATE 20-0 G	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
Fol	4/8/06	4476.51		TocilT	ME 4476.51 REMOUED MCCAULEY
ENTAL	17 0700	ESM	10		PROPERLER PINZA376223
PUSED		TTE		1666,19	S/N901082. INSTALLED NEW
46	-				ME CAULEY PROPEZLER P/N3A3LE 434/8
807/80					VER-O PER MECAULEY INSTRUCTION
PETEL					ANDSTC SAOO'7/8CHAND KIT
					#PL60223, ENGINE TEST RUN
wo .					NO LEARS AND PROPEYCLED
					NORMAL. SEE FORM 337 DATEL
			-		4/10/06. WI AND BOLANCE REVISE
ed .					PANDINSERTED IN BIRERAFT RECORD
<u> </u>					Jung 10000 APR 506523255
780 -					
<i></i>					
16D					
			<u> </u>		
265			1		

				
DATE \$006 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
7/08/06				PERFORMED 100 HT INSPECTION FOR ANNUAL
			125,21	OF ENGINE PER CONTINENTALY BEECH
	T.	T.E	1683.91	GUIDE. OIL + FILTER CHANGED.
				INSTALLED /OFT PHILLIPS 20/50 OIL
				+ 48109 PURELATOR FILTER
			=	CIMPRESSION TEST
-			1	
				80/25 80/28 80/22 80/78 80/78 80/79
-				1 3 5 2 4 6 80/75 80/78 80/78 80/78 80/79 16NITION TIMING HH20° R/H20°
				INTAKE + EX SYSTEM CHECKED. S/PLUG
				CLEANED AND SAPCHECKED. INTAKE
				FILTER REPLACED. THIS EXIGNAE WAS
				FOUND TO BE IN ACCORDANCE WITH
				100 HF INSPECTION + DETERMINED TO BE
				Daninis Della Malle P 1196945 7/08/06
1				
ASA				

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Entries must b	of Inspections, Tests, Repairs and Alterations e endorsed with Name, Rating and Certificate Number of Repair Facility. (See back pages for other specific entries.)	
7/09/04	4494.23	SMOH	125.21	Complied w	ith annual inspection. Als checked	
					his date complied with. I sortify the	τ
				11/	ne has been inspected in accordance	
				$\perp \mu /$	annual inspection and was found to	_
				1	worthy condition Made Set ANP 18850 7366 I	- A
				DE 14 417	worthy Condition, Middle Description 18050 1506 I	-4
						_
	Registra	ation	N513R	Make	Teledyne/Cont.	_
	S/N		96441-R	Model	I/O 470N	
	TTE		1722.58	Tach	4532.9	-
	Date		7/20/2007	SMOH	163.8	_
						_
	Complie inspecte	ed with indeed, no for	nspection per eign particles	Teledyne Contin found. Installed	nental requirements. Oil filter cut open and 10 quarts Phillips 20W-50w-50 oil and new filter	=
					0/80; 5) 78/80; 2) 76/80; 4) 75/80; 6) 74/80. Set	_
					Checked travel and lubed engine controls. Serviced	
					ory, no leaks at this time. Checked ADs through	
	2007-14	. See aire	craft log for c	omplete list.		_
	Authoriz	zed signa	ture	uni al	elle Palle	-
		ant 1196				_
	Phone 6	10-692-7	106			_
						SA

DATE 19	TACH FLIG			Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)				
	Regis S/N TIE Date	tration	N513R 96441-R 1722.58 7/20/2007	Make Model Tach SMOH	Teledyne/Cont. I/O 470N 4532.9 163.8			
	certify found to Authori A&P 26	that this	engine was in rworthy cond ature	spected in accorda	See previous entry for details. I since with an annual inspection, and			
ASA			···					

DATE 3608	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Entries must be	of Inspections, Tests, Repairs and Alterations e endorsed with Name, Rating and Certificate Number of Repair Facility. (See back pages for other specific entries.)
7-1-08	Regist S/N TTE Date Complinspect Kelly Complete Replace to 20 december 100 decembe	ied with ted, no fo CH48109 ed all spa	N513R 96441-R 1764.0 7/1/2008 inspection per reign particle -1. Compress ork plugs with	Make Model Tach SMOH Teledyne Contings found. Installed ion tests: 1) 72/80 new Unison UR	Teledyne/Cont. I/O 470N 4574.5 205.3 mental requirements. Oil filter cut open and 10 quarts Phillips 20W-50w-50 oil and new filter 0; 3) 76/80; 5) 78/80; 2) 76/80; 4) 70/80; 6) 78/80. HB32S. Checked ignition timing RH 20 ½ and RH est ran engine; satisfactory, no leaks at this time. g for complete list.
	Powerp	ized sign plant 1196 610-692-	5945	unii De	ils Valla

DATE PRECORDING TACH TIME	CONTRACT 2023	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)					
		Registration S/N TTE Date	on N51: 9644 1764 7/1/2	11-R 1.0	Make Model Tach SMOH	Teledyne/Cont. I/O 470N 4574.5 205.3	-		
		certify that found to b Authorized A&P 2630	t this engine e in airwort d signature	was ins hy condi	lance with an annual insp	e previous entry for details. I with an annual inspection, and			
/				***********					

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H

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DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Entries mus	on of Inspections, Tests, Repairs t be endorsed with Name, Rating and Cen or Repair Facility. (See back pages for oth	tificate Number of
				8		
	Registrati S/N TTE Date	9	7513R 6441-R 781.3 /15/2009	Make Model Tach SMOH	Teledyne/Cont. I/O 470N 4591.6 222.6	
	and inspe and new f 2) 75/80; RH and L ADs throu	cted, no filter Cha 4) 72/80; H 20 ½ I agh 2009 in accord	Foreign partic mpion CH48 6) 70/80. Cl BTDC. Test r -14. See airci	les found. Insta 109-1. Compre eaned and gapp an engine; satis raft log for com	nental requirements. Oil filter cut open alled 10 quarts Phillips 20W-50w-50 oil ession tests: 1) 76/80; 3) 77/80; 5) 78/80; bed spark plugs. Checked ignition timing afactory, no leaks at this time. Checked aplete list. I certify that this engine was tion, and found to be in airworthy	
	Authorize A&P 5065 Phone 610	523255 L	A	Zan To	They or	

DATE 18 <u>- ネム/</u> 0	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	I Entries mu	ist be endorsed	ctions, Tests, Repairs and Alterati with Name, Rating and Certificate Number lity. (See back pages for other specific entrice	
8-8							
-							_
		Regi	stration	N513R	Make	Teledyne/Cont.	
		S/N		96441-R	Model	I/O 470N	-
		TTE		1808	Tach	4618.3	-
		Date		8/8/2010	SMOH	249.3	
							-
1991 ASA		and in and n 2) 74 RH 2 time. this exairwo	nspected, no lew filter Cl /80; 4) 76/8 0 1/4 and L Checked A	o foreign particles from the following of the following particles from the	cles found. Insta 3109-1. Compre leaned and gapp es BTDC. Test 1 010-15. See airc	nental requirements. Oil filter cut open alled 10 quarts Phillips 20W-50w-50 oil ession tests: 1) 74/80; 3) 74/80; 5) 80/80; ped spark plugs. Checked ignition timing ran engine; satisfactory, no leaks at this raft log for complete list. I certify that an annual inspection, and found to be in	-

DATE 20//	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Entries mus	t be endorsed w	tions, Tests, Repairs and Alteration with Name, Rating and Certificate Number of y. (See back pages for other specific entries.	# .
		13.03	1000	V -	• • • • • •		_
		Re S/N TT Da	E	N513R 96441-R 1820.5 11/1/2011	Make Model Tach SMOH	Teledyne/Cont. I/O 470N 4630.8 261.8	-
		and and 2) ' RH Che	I inspected, n I new filter C 74/80; 4) 78/ I 20 and LH 2 ecked ADs th	to foreign particle from the following the following the following from the following fro	cles found. Insta 3109-1. Compre leaned and gapp DC. Test ran eng 1. See aircraft le	nental requirements. Oil filter cut open alled 9 quarts Phillips 20W-50w-50 oil ession tests: 1) 75/80; 3) 75/80; 5) 80/80; ped spark plugs. Checked ignition timing gine; satisfactory, no leaks at this time. og for complete list. I certify that this inual inspection, and found to be in	-
		A&	thorized sign P 1915627 I one 610-692-	A /	Tant	Those .	
		*					-

TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Entries must be end	orsed with Name	ests, Repairs and Alterate, Rating and Certificate Number ack pages for other specific entr
			REG 513R	MAKE	TELEDYNE CONT
			SIN 96441R	MODEL	1/0 470 M
			TTE 1847.04	TACH	4659.74
		The state of the s	DATE	SMOH	288.34
	COMP	PLIEDW	ITH INSPECTION	PER TELE	DYNE CONT RECUREN
	OK ALL	TER COT	OPEN+INSPECTED.	NO FOREIGN PL	DETICLES FORM (1) STOCK
	TEST	Day	510 61 51 50 6	1 /8/80 ·	7177/80 61 77/80
	IME	ADS	THRU 2013-21	COMPLIEL	DWITH
			,n · ·	a 1) 11	<i>50</i> 4.
	Pou	VER PLAN	NT# 119694	5	
	PH	W5 A	610-38	8-718	6
		CGMA OIL AIL 90TS PHI 16N T/I 1:180/81 TEST	COMPLIED WO OIL FIXTER OUT POTSPHILLIP 20 IGN TIMING R. 1580/80 3) 72 TEST RAN TIME, ADS	## 513 R SIN 96441 R THE 1847.04 DRIE COMPLIED WITH INSPECTION OIL FILTER OUT OPENHINSPECTED. 90TS MILLIP 20 W50 WITH HEW CO 16N TIMING RH 20/4 L/ H20/4 1/80/80 3) 72/80 5) 72/80 3 TEST RAN ELGINE; SATIS TIME, ADS THRU 2013-21	REG 513R MAKE SIN 96441R MODEL TTE 1847.04 TACH

Tal.

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE		Entries n	ption of Inspections, Tests, Repairs and Alt nust be endorsed with Name, Rating and Certificate Nu an or Repair Facility. (See back pages for other specific	umber of
i.	Registration	N513R		Ma	ike	Teledyne/Cont.	
	S/N	96441-	R	Mo	odel	I/O 470N	
	TTE	1847.04 Tach				4657.74	
	Date	5/3/201	3	SM	1OH	288.34	d
	Complied with	inspection	n per Tele	edyr	e Contine	ntal requirements. Cleaned sumps and	
				•		eign particles found. Installed 9 quarts H48109-1. Compression tests: 1) 80	-
						7/80. Cleaned and gapped spark plugs.	9
	satisfactory, no	leaks at	this time. (C/W	/ AD 76-0	/4 degrees BTDC. Test ran engine;7-12R1 Bendix ignition switches,	
						g for complete list. I certify that this	
	airworthy cond		accordanc	e w	nın anı anın	ual inspection, and found to be in	
			\bigcirc				
	Authorized sig	nature	Jome	n		ella Valle	,
	Dominic Della	Valle /	19694	5			
	Phone 610-692	2-7106					
							A Contraction Comments
-							

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Entries	eription of Inspections, Tests, Repairs and Alterations must be endorsed with Name, Rating and Certificate Number of hician or Repair Facility. (See back pages for other specific entries)	of
-	Registration S/N TTE Date I certify that this for an annual inspector of the complete AD list Authorized signal A&P 1915627 IAPhone 610-692-7	ture	Mak Mod Tach SMC as inspected in d found to be	el DH n accord in airwo	Teledyne/Cont. I/O 470N 4657.74 288.34 dance with manufacturers instructions worthy condition. See aircraft records for	
F	Pnone 610-692-7					

DATE 2014 19-	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
662014	,			This EngiNE TDI This DATE DUE
	13 02	0061	LER S	TRIKE! This INSPECTION PERFORMED ISEN
	\$1890	5-11 B	. CRAIK	shaff Rework J CORT DONE by AEA WOH
	175423	8. A	L STEEL	PARTS J GEORG UNDER WIGH 175431, PON.
	Reds.	- wi	山 175	430. This Evgine Assembled this Date
	USINO	8 ALL	Niw	seals of GASKETS-NOTE: NO CYLINDER OF
,	VALUE	TRAIL	1 wor	* DONE AT This INTERVAL! NEW CAM
	PIN 69	5384	INST	Lled - NEW Lifter Assy's Phis \$A646277
	\$ 628	488	· NEW	Rod BEARINGS PN 5A 630826 MOIO -
	Now	mi	U BOAR	ing 56T PN &A 646591A1M010-
	ALSO 1	viw	Rod Bi	173 PIN JAG29340, G28109 NUT & NEW
*	COTTER	Pin	5 Mt	24665-229. PN653749 P.060 STRETER
	GASKE	ں ج	sed Th	is DOTE! DUE TO CRANKShaft GEOR,
	REP)A	come	WT TV	W 5/308-12 SEE AEA WIOH 175/31.
	MAGN	100	PIN	10-163020-3, 10-163060-1 5/NS37619
	4 72	5069	· INS	DECTECT By Columbia A/C BUT NOT INTINGED
	1000		ow TA	95-
				CONTINUENT PO - 0 1991 ASA

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DATE 2014 99	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
6/6/2014				This Engine must be PZZ-oiled.
			Service	ed with appropriate Garde oil! the
			repair 1	WAS DONE IAW, MEGS MANT. MAN!
				KALL A23493 139.DA
				- END-
Regist S/N		513R 5441-R	Make Mode	

468412

314.8

Replaced CHT probes on #2 and #5 cylinders. Cleaned sumps and screens. Cleaned and gapped spark plugs. Replaced induction filter with BA7112, replaced remote oil filter element with Champion CH48109-1. Preoiled engine and installed 10 quarts of Aeroshell 15W-50 oil.. Ground runs and flight tests satisfactory. No leaks at this time. I certify that this engine was inspected in accordance with manufacturer's instructions and found to be in airworthy condition.

Tach

STD

SMOH

Authorized signature A&P 1915627 IA

TTE

Date

1873,5

8/2/2014

Phone 610-692-7106

DATE 18 <u>20 14</u>	TACH FLIGHT TIME IN		TIME IN	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (<i>See</i> back pages for other specific entries.)			
S/N TTE Date Com Auth	9 1 8 npressions	2.) 76/80 s using I	Make Model Tach SMOH asured as fo , 3.) 76/80, ETC Model	4684.2 4702, 7 332.8 ollows: 4.) 76/80, 5.) 76/80, 6.) 72/80, (master orifice 39/80). All E-2M with 0.040 orifice.			
					© 1991 ASA		

	NEIDD	Mala	Taladima/Cont	×	••
		Metal Albert Montage			
2007 20 7					
Date	10/20/2015	ACTION CONTRACTOR			
		REFORM THOSE			9
'Replaced CH	T probes on #2 ar	nd #5-cylinders	Adjusted and secured alternator.	90	
Cleaned sump	s and screens. Ch	ecked engine c	ontrol travel. Cleaned and gapped spar	k	
plugs. Took of	il sample for analy	ysis. Replaced	remote oil filter element with Champio	n	
CH48109-1. I	nstalled 10 quarts	Phillips 20W-	50XP oil. Replaced seals in #1 cylinder		
push rod tubes	due to oil leak. C	Compression te	sts: 1) 65 /80; 3) 71/80; 5) 75/80; 2)		
78/80: 4) 73/8	0; 6) 75/80. Groun	nd runs and flig	ght tests satisfactory. No leaks at this		
40001441100 ***	• • • • • • • • • • • • • • • • • • • •		,		
	1	2			
A sale suite a di aita		2010	(
	mature	ak-vigo	<i>)</i>		
Phone 610-692	2-/106				
		- 1			
			•		
	130978	Model	3A36C434-A		
TTP	25.73	Tach	4709.93		
Date	10/20/2015				
	V				
					Total Selection (Control of Control of Contr
			_		
l:					
	Cleaned sump plugs. Took of CH48109-1. If push rod tubes 78/80; 4) 73/8 time. Checked accordance with Authorized sign A&P 1915627 Phone 610-692 Registration S/N TTP	S/N 96441-R TTE 1899.23 Date 10/20/2015 'Replaced CHT probes on #2 ar Cleaned sumps and screens. Che plugs. Took oil sample for analy CH48109-1. Installed 10 quarts push rod tubes due to oil leak. C 78/80; 4) 73/80; 6) 75/80. Grountime. Checked Ads through AD accordance with manufacturer's Authorized signature A&P 1915627 IA Phone 610-692-7106 Registration N513R S/N 130978 TTP 25.73	S/N 96441-R Model TTE 1899.23 Tach Date 10/20/2015 SMOH STD 'Replaced CHT probes on #2 and #5 cylinders Cleaned sumps and screens. Checked engine of plugs. Took oil sample for analysis. Replaced CH48109-1. Installed 10 quarts Phillips 20W- push rod tubes due to oil leak. Compression te 78/80; 4) 73/80; 6) 75/80. Ground runs and flightime. Checked Ads through AD15-20. I certification accordance with manufacturer's instructions at Authorized signature A&P 1915627 IA Phone 610-692-7106 Registration N513R Make S/N 130978 Model TTP 25.73 Tach	S/N 96441-R Model I/O 470N TTE 1899.23 Tach 4709.93 Date 10/20/2015 SMOH 340.53 STD 25.73 *Replaced CHT probes on #2 and #5 eylinders. Adjusted and secured alternator. Cleaned sumps and screens. Checked engine control travel. Cleaned and gapped spar plugs. Took oil sample for analysis. Replaced remote oil filter element with Champio CH48109-1. Installed 10 quarts Phillips 20W-50XP oil. Replaced seals in #1 cylinder push rod tubes due to oil leak. Compression tests: 1) 65 /80; 3) 71/80; 5) 75/80; 2) 78/80; 4) 73/80; 6) 75/80. Ground runs and flight tests satisfactory. No leaks at this time. Checked Ads through AD15-20. I certify that this engine was inspected in accordance with manufacturer's instructions and found to be in airworthy condition. Authorized signature A&P 1915627 1A Phone 610-692-7106 Registration N513R Make McCauley S/N 130978 Model 3A36C434-A TTP 25.73 Tach 4709.93	S/N 96441-R Model I/O 470N TTE 1899.23 Tach 4709.93 Date 10/20/2015 SMOH 340.53 STD 25.73 'Replaced CHT probes on #2 and #5 eylinders. Adjusted and secured alternator. Cleaned sumps and screens. Checked engine control travel. Cleaned and gapped spark plugs. Took oil sample for analysis. Replaced remote oil filter element with Champion CH48109-1. Installed 10 quarts Phillips 20W-50XP oil. Replaced seals in #1 cylinder push rod tubes due to oil leak. Compression tests: 1) 65 /80; 3) 71/80; 5) 75/80; 2) 78/80; 4) 73/80; 6) 75/80. Ground runs and flight tests satisfactory. No leaks at this time. Checked Ads through AD15-20. I certify that this engine was inspected in accordance with manufacturer's instructions and found to be in airworthy condition. Authorized signature A&P 1915627 IA Phone 610-692-7106 Registration N513R Make McCauley S/N 130978 Model 3A36C434-A TTP 25.73 Tach 4709.93

DATE BOIL	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries.)
0/1/16	4713.4			AND VAL JOSP. JAN CONTINENTAL OH
1 7	SMOH 34	4.0		MANUAL COMPROSSION 1651 \$ 173 2/2
				#368 #417578 % 15. MASTER ORFILE 50,
	,			DRAINED OIL CUT FILTER NOMBUAL PROGET
				ATTHIS TIME. SAFTIED NEW FILTER AND SEQUILED
				VENT TE CONTOCKS. LUBED & REPOUTED MIXTURE - PHROTTIE LABLES DUE TO STIFTENESS. CLEAN X4.8FREOPLULS.
A v			-37-17-	RUNUPHEAK VLOODI TLERTIEN THIS ENGINE HAS BEEN
				INSPECTED JAN AN ANNIL AND FOUND RIRWORTHY.
		30		1A3686133 Ja Bry
1/1/17	4722,5			ANNAL ENSPECTION FAN CONTINETAL SHI MANUAL
				AND CURRENT GARS, COMP TEST \$174 273 370
zmotl	3529			577 676 MASTER ORFRE SZ. DRRINGU DIL
				CUT GILTERNOMETAL FOUND. CLEAND + GAPPED
				PLUGS. VINGGTIM. NG. SCRUICO D WITH 10GTS
				20W 50 PHILLIPS . SAKTIGO NOW IS ILTGY. ELGANGE
				TNIGCTORS. QUN JO LGARU 400. GLERTIFY
				THIS CONGING HAS BEEN GASD & CTED (AN AN ANNUAL
	12	Len	~	AND FOUNDAIRWORTHY, TA3686133

1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -	ODAYS Light	TOTAL TIME IN SERVICE	Description of Inspections, Tests, Repairs and Alteration Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair Facility. (See back pages for other specific entries)	of
SCOTT R Aircraft Mainten 30 May 2018 N513R Airframe S/N D-6782 Tach: 4725.79	1.) 2.) 3.)	Performed SID- this time, while lines as needed,	AP3710023	

N513R

Brandywine Bonanza Specialists Ilc.

West chester ,Pa (KQON)

Tach 4742. 9 Tsmoh

01/14/2019

Annual inspection iaw continental oh manual and current fars.Compression test #1 78,#2 74,#3 72,#4 74,#5 74,#6 76.Boroscoped cylinders all ok at this time Checked mag timing. Cleaned spark plugs.Checked and lubed engine controls.checked exhaust system .drained oil cut filter,no metal found,serviced with 11qts aeroshell 80wt oil.run la3686133

DATE 19	RECORDING TACH TIME	TODAYS FLIGHT	TOTAL TIME IN SERVICE	Entries must be	of Inspections, Tests, Repairs and Alterations e endorsed with Name, Rating and Certificate Number of Repair Facility. (See back pages for other specific entries.)
N513R	- 1	Tach: 47	763.8	Tsmoh 394.2	12/2/2019
oil. Cleaned	spark plugs.C leak check go	all ok at t Checked a	this time.Dra and lubed en	ined oil,cut filter, gine controls.che	compression test #1 74,#2 75,#3 75,#4 72,#5 75,#6 no metal noted,serviced with11qts aeroshell 80wt cked exhaust system .Replaced induction air cted iaw an annual inspection and found airworthy.
N513R		Tach: 4	774.2	Tsmoh 404 ₁ 6	1/08/2021
5 75,#6 73 controls.co new filter this engin NS137 Annua and lut filter,se	B.Boroscoped hecked exhauserviced with her has been in linspection in the ped engine coefficied with 1	cylinders ust system 10qts ac spected in Tachra iw continue introls.che 0qts of ac certify th	all ok at this n .Replaced in eroshell 80wn aw an annua 1791.3 ental oh man of A& Harrise ecked exhau eroshell 40w	s time. Cleaned spinduction air filter t oil and 1 pint of all inspection and f Tsimole: hual and current f topal cylinder all st system. Drainer t oil and one pint	Compression test #1 68,#2 75,#3 75,#4 72,# park plugs.Checked and lubed engine r.Drained oil cut filter,no metal found,saftied cam gaurd.run up leak check good.I certify found airworthy A3688133 2/02/2022 Fars.Compression test #1 70,#2 72,#3 72,#4 74,# tak at this time. Cleaned spark plugs Checked d oil cut filter,no metal found,saftied new of cam gaurd.Replaced induction air filter.run law an annual inspection and found airworthy.

eng		h4800.8	Tsmoh 431.2	5/27/2023
exh	gine anual,comp	50575		
insp	naust.Cleaned plu pected iaw an an	ıgs.Replac	ed induction a	66,#4,64 #5 67,#6 66,MA 44.Checked and lubed engine controls,checked ir filter.run up mag check,leak check good.I certify this engine has been dairworthy. IA3686133AP
		Homz		26. 70. (A) .68/ .7U/
81-5054	4861.64	432,62	1991.32	Diff comp Test, results; 17/8027/8034/804 8057/8
				5% Changed oil + fitter, open + 1 msp fitter, cleaner
				+ checked fuel screens, added 10ets Phillips 20/8
			-	Thecked mag points + timing - Ad, LT mag mai
			.3	retard point gaps-retimed to any. Cleaned +
- /-				apped plugs. checked angine mounting structure
certify that this (Eng/Prox	· · · · · ·	has been	hecked + lubed controls. Replaced both muffler
inspection and w	ance with a(n)	SUNDE	undition C	days Dalt et Daland in Char Manual
· · · · · · · · · · · · · · · · · · ·		16 /		hecked exhit system. Replaced air F. Her element.
-1-505A	- Ozral	25%		Dressed prop blades, checked hub. AD's checked
Date	Joseph P. Filing			hru B.W. 2034-14
	in. N-001820/	-12	r 1 2	