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THE COLOGIANTENANCE MAINTENANCE MAINTENANCE MAINTENANCE RECORDING SYSTEM

ENGINE MAINTENANCE RECORDS

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
		-	14000	TOTALS brought forward from previous page	
- 30					
	Barber.	Herrita .	-		
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100		-	963		
	75	1000			
	18 66	The same	Sec. 16	THE PROPERTY OF THE PARTY OF TH	
		The same			
				The state of the s	
				Aero	
				BELLIUBLE	
			1	OF WINCHESTER, INC.	
				(540) 678-1681	
Jani	uary 26, 20	04 Mode	i: TI0-540-J	2BD S/N: L-3194-61A "0" SMOH HOBBS 604.8	
Eng	ine disasse	mbled and	cleaned at t	his time for Major Overhaul. All internal steel parts	
mag Ove	naflux inspi rhauled par	t from Divo	on-terrous p	parts visually or Zyglo inspected. Crankcase replaced with station #DB2R762K. Installed new main and rod bearings,	1
and	new rod nu	ts and bolts	. Installed	overhauled Camshaft P/N SL19340 and Tappet Bodies	
				tation #BE2R713K. Installed overhauled Connecting Rods ir station #BE2R713K. Installed new crankshaft gear and	
bolt.	Installed 6	Overhaule	d ECI Cerm	inil Cylinders P/N ECLW12967CN including new pistons,	
pins	rings, and	valves. Ins	talled overh	nauled Magneto from Kelly Aerospace, repair station	
#UT	2R226L, H	arness, and	Spark Plug	AR184Y Installed Exhaust Transition P/N LW12437	
				epair station XHYRO68L Installed new turbo oil tube P/N	
LW-	18307. Inst	talled fuel s	ystem over	nauled by Aircraft Fuel Specialists repair station	
#AQ	2R699K. II	nstalled ove	rhauled sta	rter from Aerotech, repair station #PU4R453M. AD 03-14-	
				hours or 6 months, AD 02-26-01 C/W per SB 342D, due	
				maintenance involving the injector lines. AD 02-19-03	
****	AD 02-12-	7-15-11 CA	V by new n	and installation of P/N 06B23072, no further action ston pins. AD 91-14-22 C/W per SB 475C by replacement	
N/A.	neu. Ab si	olt and lock	tab. All wor	rk completed in accordance with applicable Lycoming	11111
requ	ankshaft bo		Engine toe	it run and operational check satisfactory.	
requ of cr	anksnaπ bo ne Overhau	ul manuals.	Engine tes	- Subjection y	
of cr Engi	ne Overhau	ul manuals.			
of cr Engi	ne Overhau nie C. Smitt	ul manuals. n A&P#2616			
of cr Engi	ne Overhau	ul manuals. n A&P#2616			

TOTALS-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
-26-04	12563.8	-0-	604.8	INSTALLED ENGINE MODEL TIO-540-JABD, SIN L-3194-GA
				IN # 1 POSITION ON PA-31-350, N96342, SER#
				74-05205, INSTALLED NEW BARRY ENGINE
				MOUNTS, ENGINE HOSE KIT AND ARFRAME HOSE
	1/1/1/1			KIT. ALL WORK DONE I.A.W PIPER SERVICE MANUAL.
				Romane C Small Art 2616322
2-3-04	12,563.8	Ø	664.8	I certify that this ENGINE ALL CYLINDER COMPRESSION
				has been inspected in accordance 70/90 of BETTER.
				determined to book airworthy
				condition Department of the property of the pr
3-5-64	12587.24	11.72	615.8	CHANGED OIL & FILTER 12 2T PHILLIPS 20/50
		18.09	-	XC, CH48103 FICTER. POST MAINTAINCE RUN
				UP NORMAL. NO LEAKS NOTED.
	Parties and			ancellins ALP448768617
3-29-04	12625.32	49.8	653.9	Completed 50 hi inspection 1/ 7/w service
10/21	1			manualo Changed oil filter CH 48103
100			-	+ installed areoschell 5000 Brd ung
r-C-OL	LINCOLVA	93.9	100 h	ok- ok for service Francis D. Ross 1230
3-3-00	1 12661.12	04.6	698.7	Completed 100 hu Jusp. 1/7/w puper
		7000		service manual. Changed out & fitter
100	: atrack	214211	7401	Run my of ole for service Francis D. Pass 1232632
9-24-04	127006	13.9	178.2	Completed 50 hr Ingo I/A/W piper
				service manual-Changed oil filter
				Sur-eg ak-ok for Sovice - Francis D. Ross 1232632
				SUB-TOTALS this page TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		10		TOTALS brought forward from previous page
6-19-04	12748.0	2190.8	795.6	Completed 100 hungs I/H/W piper sewell manuale Changed ail & filter and front short to a'l cooler Promengines checked ak & ok for service. Trancis D. Poss 1232632
	0	pleted 5 2 qts Acice.	0 hr ins croshell	2 Hobbs 843.7 N96342 S/N 31-7405205 pection I/A/W piper service manual. Changed 100. Test run for leaks OK for return to
		Francis	D. Ros	s AP1232632 Francis O. Ross
8	new	serial #	C886	Hobbs 885.0 Replaced L/H dry air Pump with 232632 Finnis O. Ross
	been servi	ce manu	ed in actual and we will be seen in a contract and	5.3 Hobbs 893.5 I certify that this aircraft has cordance with 100 hr inspection and Piper was determined to be in airworthy condition. air filters, serviced oil with aeroshell 100. Pending Bura S Ross
11-24-64	IN AC	CORONIC	e WITH 5	I CENTIFY THAT THIS AIRCRAPT HAS BEEN INSPECTED TO HAT INSPECTION + PIPER SERVICE MANUAL AND DETERMINED POITTON SERVICED WI ACRO SHELL WIDO TEST RAN CHECK FOR LEAKS SUB-TOTALS this page Bric & Run AP 2927540 TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
			NEST A	TOTALS brought forward from previous page
				1 - 10
				Aero
				OF WINCHESTER, INC.
				615 AIRPORT ROAD #109 • WINCHESTER, VA 22602 (540) 678-1661
DATE	: 12-18-0	4 HORRS	S- 976.3 S	MOH: 371.5 TIO-540-J2BD S/N: L-3194-61A
2. CHE	CKED MAG	G TO ENGI	NE TIMING.	
4. ALL	CYLINDE	R COMPRES		DINGS IN EXCESS OF 70/80PSIG.
			4	CE RECORD FOR DETAILS.
			Q50	NO LEAKS NOTED.
I CERT	AN ANNU	THIS ENGLISHED	GINE HAS I	DETERMINED TO BE IN AIRWORTHY CONDITION.
CHRIS	M. COLL	INS A&P/L	A 448708617	
			(
4				
		41/	9212	
-18-of	12895,1	371,5	716,5	COMPROSSION 1/182/143/164/15 5/14 6/18 11 ENNER
1-18-04	12895,1	311,5	716,5	COMPROSSION 1/182/143/164/155/156/18, CLEANED AND GAPPED PLUAS, CHANGED OIL + 16 STALL FOR WELLING
1-18-01	12895,1	311,5	116,5	AND GAPPED PLUGS, CHANGEDOIL + INSTALLED NEW OIL FILTER
1-18-01	12895,1	311,5	116,5	12 ets ARROSHELL 106W, WASHED DOUB ENGINE, LEAK
1-18-01	12895,1	311,5	116,5	AND GAPPED PLUGS, CHANGEDOIL + INSTALLED NEW OIL FILTER
2-18-04	12895,1	2 311,5	116,5	12 ets ARROSHELL 106W, WASHED DOUB ENGINE, LEAK
2-18-04	12895,1	311,5	116,5	12 ets ARROSHELL 106W, WASHED DOUB ENGINE, LEAK
2-18-04	12895,1	2 311,5	116,5	12 ets ARROSHELL 106W, WASHED DOUB ENGINE, LEAK
2-18-04	12895,1	2 311,5	116,5	12 ets ARROSHELL 106W, WASHED DOUB ENGINE, LEAK

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WO	RK
	SERVICE			TOTALS brought forward from previous page	
I ce	rtify tha	at this er	igine has	bs 1028.2 s been inspected in accordance with 50 ice manual and determined to be in Ross A/P 2927540 Blace May	
TOP	1				13
-11-05		469.6	1074.4	C/W AD# 93-23-13, 02-26-61, 03-14-6 F CERTIPY THAT THIS AIRCRAFT HAS BEEN 1	
				IN ACCORDANCE WITH PIPER SERVICE MAN	
I land					
				CONDITION BRIAN ROSS AP 2927540	2 1
				CONDITION WICIAN ILOSS MY 2721310	w/u
– Da	te 3-6-0	T.T.	Hobl	bs 1/2/4 N96342 S/N 31-7405205	
ok.	C/W A	D # 93- ected in	-23-13 a accordar	oshell 100w, test ran and leak checked and 03-14-03. I certify that this engine has ace with 50 hr inspection as per Piper	
ok. bee	c/W A en inspe vice ma	D # 93- ected in a anual an	-23-13 a accordar	nd 03-14-03. I certify that this engine has nce with 50 hr inspection as per Piper nined to be in airworthy condition.	3 1
ok. bee ser Bri	c/W A en inspervice ma an Ross	D#93- ected in a anual and s AP 292	23-13 a accordar d determ 27540	nd 03-14-03. I certify that this engine has nee with 50 hr inspection as per Piper nined to be in airworthy condition.	1)
ok. bee ser Bri	c/W A en inspervice ma an Ross	D#93- ected in a anual and s AP 292	23-13 a accordar d determ 27540	nd 03-14-03. I certify that this engine has nce with 50 hr inspection as per Piper nined to be in airworthy condition. Hobbs 1166.8 N96342 S/N 21 7405205	1
ok. bee ser Bri Date Servi Com	c/W A en inspervice ma an Ross 3/23/05 iced with	D#93- ected in a anual and s AP 292 5 T.T.12 th 12 qts	23-13 a accordand determ 27540 3128.6 F 475.2#7	Hobbs1166.8 N96342 S/N 31-7405205 ell 100w, test ran and leak checked ok.	1)
ok. bee ser Bri Date Servi Com 23-13	C/W A en inspervice ma an Ross 3/23/05 iced with presion 3, 03-14	D#93- ected in a anual and s AP 292 T.T.12 th 12 qts s Left 14	23-13 a accordand determ 27540 3128.6 H Aerosh 475,2#78	Hobbs1166.8 N96342 S/N 31-7405205 ell 100w, test ran and leak checked ok. 8,3#76,4#74,5#76,6#76,C/W AD # 93-	i
Date Servi Com 23-13 inspe	ccted in	D#93- ceted in a nual and AP 292 T.T.12 th 12 qts Left 14 1-03 and accorda	23-13 a accordant d determ 27540 3128.6 H Aerosh #75,2#78 02-26-0	Hobbs1166.8 N96342 S/N 31-7405205 ell 100w, test ran and leak checked ok. 8,3#76,4#74,5#76,6#76,C/W AD # 93-01. I certify that this engine has been 100 hr inspection as per Pine.	1
Date Servi Com 23-13 inspe	cced with presion 3, 03-14 cced in all and c	D#93- ceted in a nual and AP 292 T.T.12 th 12 qts Left 14 1-03 and accorda determin	23-13 a accordant d determ 27540 3128.6 H Aerosh 475,2#78 02-26-0 nce with	Hobbs1166.8 N96342 S/N 31-7405205 ell 100w, test ran and leak checked ok. 8,3#76,4#74,5#76,6#76,C/W AD # 93-01. I certify that this engine has been in 100 hr inspection as per Piper service in airworthy condition.	i
Date Servi Com 23-13 inspe	cced with presion 3, 03-14 cced in all and c	D#93- ceted in a nual and AP 292 T.T.12 th 12 qts Left 14 1-03 and accorda determin	23-13 a accordant d determ 27540 3128.6 H Aerosh 475,2#78 02-26-0 nce with	Hobbs1166.8 N96342 S/N 31-7405205 ell 100w, test ran and leak checked ok. 8,3#76,4#74,5#76,6#76,C/W AD # 93-01. I certify that this engine has been 100 hr inspection as per Pine.	1
Date Servi Com 23-13 inspe	cced with presion 3, 03-14 cced in all and c	D#93- ceted in a nual and AP 292 T.T.12 th 12 qts Left 14 1-03 and accorda determin	23-13 a accordant d determ 27540 3128.6 H Aerosh 475,2#78 02-26-0 nce with	Hobbs1166.8 N96342 S/N 31-7405205 ell 100w, test ran and leak checked ok. 8,3#76,4#74,5#76,6#76,C/W AD # 93-01. I certify that this engine has been in 100 hr inspection as per Piper service in airworthy condition.	
Date Servi Com 23-13 inspe	cced with presion 3, 03-14 cced in all and c	D#93- ceted in a nual and AP 292 T.T.12 th 12 qts Left 14 1-03 and accorda determin	23-13 a accordant d determ 27540 3128.6 H Aerosh 475,2#78 02-26-0 nce with	Hobbs1166.8 N96342 S/N 31-7405205 ell 100w, test ran and leak checked ok. 8,3#76,4#74,5#76,6#76,C/W AD # 93-01. I certify that this engine has been in 100 hr inspection as per Piper service in airworthy condition.	
Date Servi Com 23-13 inspe	cced with presion 3, 03-14 cced in all and c	D#93- ceted in a nual and AP 292 T.T.12 th 12 qts Left 14 1-03 and accorda determin	23-13 a accordant d determ 27540 3128.6 H Aerosh 475,2#78 02-26-0 nce with	Hobbs1166.8 N96342 S/N 31-7405205 ell 100w, test ran and leak checked ok. 8,3#76,4#74,5#76,6#76,C/W AD # 93-01. I certify that this engine has been in 100 hr inspection as per Piper service in airworthy condition.	

	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK	
			-pa	TOTALS brought forward from previous page	-
Service C/V insp	V AD # 9 bected in	th 12 qts 93-23-13 accorda determin	Aerosh 3, 03-14- ance with ned to be	bbs 12/9.6 N96342 S/N 31-7405205 nell 100w, test ran and leak checked ok. -03. I certify that this engine has been h 50 hr inspection as per Piper service e in airworthy condition.	
Ser Co sta	rviced w mpresion rter. C/V	ith 12 quant the second	than 70/ 93-23-1	Hobbs1252.2 N96342 S/N 31-7405205 hell 100w, test ran and leak checked ok. /80. Removed Inspect repair and replace 3, 03-14-03 and 02-26-01. I certify that ted in accordance with 100 hr	
ins	pection			ice manual and determined to be in	
air	worthy o	as per Pi condition AP 292	iper serv 1. 7540 /	ice manual and determined to be in	
air Br. Br.	worthy o	as per Pi	iper serv 1. 7540 /	ice manual and determined to be in	

ok (W/W/AD	n 12 qts	Aerosno		
OK.	W AD	11 02 22	12 02	ell 100W, test ran and leak checked 14-03 and 02-26-01. I certify that this	
	a ban b	# 93-23	-15, US-	accordance with 50 hr inspection as	
ner n	iner seri	vice mar	mal and	found to be in airworthy condition.	
Brian	Ross A	P 2927	540	Bria Rus	
Dilai	1 1033 7				
1	The same of			The second second second	
Date	5/21/05	SMOH	746 5 H	obbs1351.3 N96342 S/N 31-7405205	
				ell 100W, test ran and leak checked	
				eS/N HD0130. Compresions better	
				3-13, 03-14-03 and 02-26-01. I certify	
				pected in accordance with 100 hr	
	nis engi	ne has b	een insr	Decieu in accordance with 100 nr	
inspe	ction as	ne has b	er servic	ce manual and found to be in airworthy	
inspe	ction as	per pipe	er servic	e manual and found to be in airworthy	
inspe	ction as	per pipe	er servic	the manual and found to be in airworthy 27540 Bus Im	
condi	ction as ition. Br	per piperian Ross	er services AP 29	27540 Bus Im	
inspe	ction as	per piperian Ross	s AP 29	Hobbs 1398 7 N96342 S/N 31-7405205	
inspe condi Dat	ction as ition. Br	per piperian Ross	H794.1	Hobbs1398.7 N96342 S/N 31-7405205	
Dat Ser	e 6/06/0	per piperian Ross	H794.1	Hobbs1398.7 N96342 S/N 31-7405205 shell 100W, test ran and leak checked	
Dat Ser ok.	e 6/06/0 viced w	per pipe ian Ross 5 SMO ith 12 qu D# 93-2	H794.1 ts Aeros	Hobbs1398.7 N96342 S/N 31-7405205 shell 100W, test ran and leak checked 3-14-03 and 02-26-01. I certify that this in accordance with 50 hr inspection as	
Dat Ser ok.	e 6/06/0 viced w C/W A	per pipe ian Ross 5 SMO ith 12 qual- been ins	H794.1 ts Aeros 23-13, 0 spected	Hobbs1398.7 N96342 S/N 31-7405205 shell 100W, test ran and leak checked 3-14-03 and 02-26-01. I certify that this in accordance with 50 hr inspection as and found to be in airworthy condition.	
Dat Ser ok.	e 6/06/0 viced w C/W A	per pipe ian Ross 5 SMO ith 12 qual- been ins	H794.1 ts Aeros 23-13, 0 spected	Hobbs1398.7 N96342 S/N 31-7405205 shell 100W, test ran and leak checked 3-14-03 and 02-26-01. I certify that this in accordance with 50 hr inspection as and found to be in airworthy condition.	
Dat Ser ok.	e 6/06/0 viced w C/W A	per pipe ian Ross 5 SMO ith 12 qual- been ins	H794.1 ts Aeros 23-13, 0 spected	Hobbs1398.7 N96342 S/N 31-7405205 shell 100W, test ran and leak checked 3-14-03 and 02-26-01. I certify that this in accordance with 50 hr inspection as	
Dat Ser ok. eng per Bri	e 6/06/0 viced w C/W A gine has piper se an Ross	per piperian Ross 15 SMO 15 SMO 16 12 quality 16 D# 93-2 16 been inservice management of the piperion of the p	H794.1 ts Aeros 23-13, 0 spected nanual ar	Hobbs1398.7 N96342 S/N 31-7405205 shell 100W, test ran and leak checked 3-14-03 and 02-26-01. I certify that this in accordance with 50 hr inspection as and found to be in airworthy condition.	
Dat Ser ok. eng per Bri	e 6/06/0 viced w C/W A gine has piper so an Ross	per piperian Ross 15 SMO 15 SMO 16 H 12 quality 16 been inservice m 16 AP 292	H794.1 ts Aeros 23-13, 0 spected annual ar 27540	Hobbs 1449 0 Nocata against the last checked and found to be in airworthy are manual and found to be in airworthy that this in accordance with 50 hr inspection as and found to be in airworthy condition.	
Dat Ser ok. eng per Bri	tion. Bracket 6/06/0 viced w C/W A gine has piper so an Ross ate 06/19/0 stalled new roshell 100	per pipe ian Ross 5 SMO ith 12 q been ins ervice m AP 292 5 L/H SMO spark plu W and nev	H794.1 ts Aeros 23-13, 0 spected nanual ar 27540 OH 844.4	Hobbs 1449.0 N96342 S/N 31-7405205 essions all better than 70/80. Serviced with 12 qts	
Dat Ser ok. eng per Bri	e 6/06/0 viced w C/W A gine has piper se an Ross ate 06/19/0 stalled new roshell 100 ertify that	per piperian Ross ian Ross is SMO ith 12 quality been inservice management of the spark plus Wand new this engine	H794.1 ts Aeros 23-13, 0 spected anual at 27540 OH 844.4 gs. Compre w filter. Co	Hobbs 1398.7 N96342 S/N 31-7405205 shell 100W, test ran and leak checked 3-14-03 and 02-26-01. I certify that this in accordance with 50 hr inspection as and found to be in airworthy condition. Hobbs 1449.0 N96342 S/N 31-7405205 essions all better than 70/80. Serviced with 12 qts ompiled with AD# 93-23-13,03-14-03 and 02-26-01.	
Dat Ser ok. eng per Bri	tion. Brack tion. Brack tion. Brack tion. Brack te 6/06/0 viced was considered with the first te 06/19/0 stalled new to shell 100 ertify that the service	per piperian Ross ian Ross is SMO ith 12 quality been inservice management of the spark plus Wand new this engine	H794.1 ts Aeros 23-13, 0 spected nanual an 27540 OH 844.4 gs. Compress filter. Co	Hobbs 1449.0 N96342 S/N 31-7405205 essions all better than 70/80. Serviced with 12 qts compiled with AD# 93-23-13,03-14-03 and 02-26-01. Hobbs 1449.0 N96342 S/N 31-7405205 essions all better than 70/80. Serviced with 12 qts compiled with AD# 93-23-13,03-14-03 and 02-26-01. Hobbs 1449.0 N96342 S/N 31-7405205 essions all better than 70/80. Serviced with 12 qts compiled with AD# 93-23-13,03-14-03 and 02-26-01. Hobbs 1449.0 N96342 S/N 31-7405205 essions all better than 70/80. Serviced with 12 qts compiled with AD# 93-23-13,03-14-03 and 02-26-01. Hobbs 1449.0 N96342 S/N 31-7405205 essions all better than 70/80. Serviced with 12 qts compiled with AD# 93-23-13,03-14-03 and 02-26-01.	

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
	1			TOTALS brought forward from previous page
	Serv reins inspe	iced with 1 stalled. Inst	2 qts aeros alled overh cordance w	1894.6 Hobbs 1499.2 N96342 S/N 31-7405205 hell 100W and new filter.Removed magneto, IRAN, and hauled on #5 cylinder. I certify that this engine has been ith 50 hr inspection as per piper service manual and determined in. C/O AO 93-23-13 + 02 · 26 -01
-5-05		942,6	1547,2	SERVICED WITH 12 9TS APROSHEWIOON, ALL
				COMPROSSIONS BETTER THAN TO/86, COMPLICE
				WITH AD #3 93-23-13,03-14-03,02-26-01
				I CERTIFYTHAT THIS ENGINE HAS BEEN INSPE
				IN ACCROPANCE WITH 100 hr INSPECTION AS PER
				PIPER SERVICE MANUALAND FOUND TO BE
				IN AIRWORTHY CONDITION Bro Mu APZYZTS
			1000	2000 000 000 000 000 000 000 000 000 00
			12/2	
1000	100	MG THE		
11				
	2000		3 34	
			1000	
Contract of	200			

DATE

TOTAL IN SERVICE

TOTAL TIME SINCE OVERHAUL

TACH OR RECORDING METER

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



DATE: 9-26-05 HOBBS: 1567.2 SMOH: 962.6 TIO-540-J2BD S/N: L-3194-61A

- 1. INSPECT ENGIN IAW AN APPROVED CHECK LIST.
- 2. CHECKED MAG TO ENGINE TIMING...
- 3. TEST AND LUBRICATE ENGINE CONTROLLS.
- 4. ALL CYLINDER COMPRESSION READINGS IN EXCESS OF 70/80PSIG.
- 5. C/W AD 02-26-01, NEXT DUE: 1667.2 OR 9-26-06.4 93 23 -13
- 6. INSTALLED NEW AIR FILTER ELEMENT P/N:BA7.
- 7. SERVICED ENGINE WITH 12 QT PHILLIPS XC OIL AND A CH48-103 FILTER

POST MAINTENANCE RUN UP NORMAL, NO LEAKS NOTED

BRIAN ROSS A&P 2927540 - BULL

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION. CHRIS M. COLLINS A&P/IA 448708617

Date 12/29/05 L/H SMOH 1009.7 Hobbs 1614.8 N96342 S/N 31-7405205 Serviced with 12 qts aeroshell 100W and new filter. I certify that this engine has been inspected in accordance with 50 hr inspection as per piper service manual and determined to be in airworthy condition. 2/w AD 93-23-13+02-26-01 Brian Ross AP 2927540 Dun Try

Date 02/05/06 L/H SMOH 1061.6 Hobbs 1666.7 N96342 S/N 31-7405205 Serviced with 12 qts aeroshell 100W and new filter. Complied with AD 02-26-01 and 93-23-13. I certify that this engine has been inspected in accordance with 100 hr inspection as per piper service manual and determined to be in airworthy condition. Brian Ross AP 2927540 The

SUB-TOTALS this page

TOTALS-Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		1	The same	TOTALS brought forward from previous page
6/13/66		1288,6	1903.7	Services WITH 12 QTS APPOSHELL 100
				CLEANED & GAPPED PLUGS, COMPLIED WITH
				AD 93-23-13. I CERTIPY THAT THIS
				ENGINE HAS BEEN INSPECTED IAW
				PIPER SERVICE MANUAL 50 AT INSPET
				and determined TO BE IN AIRWORTH
				CONDITION. BUTh, AP2927540
				COODITION

Date 07/22/06 L/H SMOH 1339.0 Hobbs 1955.0 N96342 S/N 31-7405205 Install repaired #4 cylinder. Serviced with 12 qts aeroshell 100W and new filter. All comp 72/80 or better. Complied with AD 02-26-01 and 93-23-13. I certify that this engine has been inspected in accordance with 100 hr inspection as per piper service manual and determined to be in airworthy condition. Brian Ross AP 2927540



DATE: 9-25-06 HOBBS: 1976.4 SMOH: 1371.8 TIO-540-J2BD S/N: L-3194-61A

- 1. INSPECT ENGINE IAW PIPER SERVICE MANUAL TABLE III-I INSPECTION REPORT PER OVER UNDER AAIP.
- 2. ADJUST MAG TO ENG. TIMING TO 20 DEG. BTDC.
- COMPRESSION TEST RESULTS /80PSIG: 1.76 2.76 3.76 4.76 5.76 6.76.
- SERVICE ENGINE WITH 12 QT PHILLIPS 20/50 XC & 48103 FILTER.
- 5. CUT AND INSPECT FILTER, NO METAL FOUND.
- 6. WASHED ENG AND LUBRICATED CONTROLLS.
- 7. INSPECTED VLV. TRAIN AND REINSTALLED ROCKER COVERS USING NEW GASKETS POST MAINTENANCE RUNUP PREFORMED WITH NORMAL RESULTS, NO LEAKS NOTED

I CERTIFY THAT THIS ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION CHRIS M. COLLINS A&P/IA 448708617

ige No. TACH OR RECORDING METER TOTAL TOTAL TIME TIME DESCRIPTION OF WORK PERFORMED-DATE SINCE SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK SERVICE OVERHAUL TIME TOTALS brought forward from previous page MODEL: TIO-540-J2BD DATE: 05-02-2007 REGISTRATION: N96342 HOBBS: 2064.0 S/N: L-3194-61A SMOH:1459.4 I performed 100 hrs inspection I.W.M.M. oil changed Aero shell 100W CH481103-1 oil filter replaced, cleaned gapped and rotated spark plugs cleaned fuel injectors, cleaned and installed one hyd filter p/n 572-754, check compression, run engine and check for oil leak. this engine found in airworthy condition in this time and ok to return to service SIGNATURE: A/P#: 2799029 GUTEMBER PERNA NAME: MODEL: TIO-540-J2BD DATE: 06-25-2007 REGISTRATION: N96342 HOBBS: 2119.6 S/N:. L-3194-61A SMOH: 1510 In this date I complied with 50 hrs inspection serviced engines with oil aherosell 100 plus oil filters CH48103, I did this job I.A.W.M.M. run engine and check for oil leak, this engine is found in airworthy condition, in this time and ok to return to service. SIGNATURE: A/P#: 2799029 NAME:



Elite Air Service 300 Airport Dr. Coldwater MI 49036 517 278-6516

July 18th 2017, N96342 Piper PA31-350 Navajo Chieftain, S# 31-7405205, Lycoming TIO-540-J2BD S#L3194-61A Hobbes 2157.9, TTLE UNK, SMOH 1548

Inspected LEFT engine as required by FAR91.409(a)(1) per checklist meeting requirements of FAR 43.15(c)(1) and FAR 43 appendix D. Compressions 1/67, 2/0, 3/71, 4/71, 5/71, 6/55. Changed oil and filter used Champion AA48110 oil filter and 12 quarts of Phillips mineral 20/50 XC. Cleaned gapped and rotated spark plugs. Removed engine from aircraft, tore down sent the case to DIVCO for overhaul, the crank to G&N for inspection and polish. Replaced the camshaft P#LW19340 with new and all tappets/plungers P#15B26262/ 15B21319 with new. New main bearing and rod bearings were installed P# 18B23885, 18E26103, 18N26106. All the connecting rod nuts P# LW12186 and bolts P# LW-12596 were replaced with new. Reassembled the engine with all new gaskets kit P#12956. Cylinders 2 and 6 were sent out for overhaul then installed during engine reassembly. Remove and sent out for overhaul the fuel pump and fuel servo to D&G supply. (*note the engine case damage was from a bent push rod. There was no prop strike.*) New EGT probe installed 756-337.

CW AD 93-23-13 Engine baffle seals. CW by inspection, next due at annual CW AD 2003-14-03 Prevent rotary fuel pump leaks, CW by inspection, next due at 50 hrs CW AD 2015-19-07 External fuel injector lines, CW by inspection next due at uncowling.

All work done IAW Piper and Lycoming maintenance documents. Completed post inspection operational check per FAR43.15(c)(2). This engine was inspected in accordance with an annual inspection and has been determined to be in an airworthy condition at this time. mmans

Rueben A Walkup A&P 3368961 IA