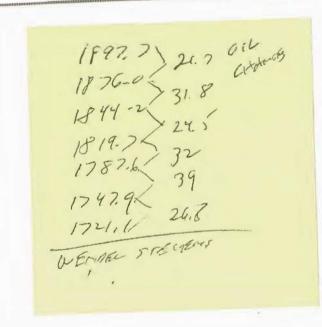
For Training Use Only

LYCOMING

A Textron Company

ENGINE LOG

SSP-1872-1



For Training Use Only



652 Oliver Street Williamsport, PA 17701 U.S.A. 570/323-6181

ENGINE LOG AND MAINTENANCE RECORD

RECORD OF LY	COMING	TEO- 540 - AH 1A	PL-10010-61A
KEOOKB OI	MAKE	MODEL	SERIAL
FROM	June 20	70 TO	20
DETAILING TIME F	ROM TACH: A AFTT	: 1766.50 TO	HOURS
SSP-1872-1	c. 1994	by Textron Lycoming "All Rights Reserved"	October 1994

SERVICEABLE PART

LYCOMING ENGINES

		Nan el N	_			TIT	054	0-AF					
		l No					RL-	100	10-6	1A	_	=	
T	he ai	rcra	ft en	gine	or a		ory i		ified	abo	ve w	as:	
0	f the	nspec Fed eturn	eral	Avia	tion .	ance Adm	with	h cur	rent on an	Reg	ulati appr	ons oved	
	ycon		detai Engi	ls of ines	the v	work r ord	per der n	form	ed a	(A 42	File	at —	
S	igne		igna	ture	of A	utho	rized	Per	son				
		I	FOR		LY 652 0	liver	Stree	pany t	IG				
				Pro	Willia duct	mspo ion	cert	A 177 ifica			2A (3	/04-L1	M)
T													T
L	H	÷				-							
Address	Name	Pitch	Max. Hub H.P.	Blade Design	Propeller	Reduction Gear Ratio	Compression Ratio	Bore	Rated R.P.M.	Rated H.P.	Туре	Mfgr.	
			۳.]		ear Rati	n Ratio		٠				
						0						LYCOMING	
				Blade Seria	Hub D		Super	Stroke	Max.	Max. I	Model	Place	ENGINE DE

Hub Serial No.
Blade Serial No.

Length

NGINE DESCRIPTION

rt, PA 17701

Date 6/2010

Oil Pressure

Serial No.
Weight (Dry)

Displacement

ENGINE LOG

Serial No.

Form No. 2481 (3/04-LM)

For Training Use Only

652 Oliver Street Williamsport, PA. 17701 U.S.A.

This engine has been rebuilt in accordance with the applicable Lycoming specifications. All applicable Federal Aviation Administration Airworthiness Directives and Lycoming Service Bulletins have been complied with. All parts have been inspected and have been determined airworthy to return to service. All accessories as part of the type certificate are new or newly rebuilt. Refer to enclosed Form ET001 for applicable accessory part numbers and serial numbers.

Engine Model: TIO-540-AH1A Serial #: RL-10010-61A

Total Time: 0.0

Work Order #: AR427771

Date Completed:

652 Oliver Street Williamsport, PA, 17701 Production Certificate # 3

Authorized Signature

Lycoming Engines



GREELEY, CO REPAIR STATION BX4R092M (970) 353-9200

Tach 1266.50 Hobbs 1266.50 N3HY sn 3257252 06-18-10 Eng TTSFRM 0.00 AFTT 1266.50 Prop TTSN 1266.50 **TSMOH 0.00**

Installed Lycoming factory rebuilt engine Model # TIO-540-AH1A sn RL-10010-61A Lycoming WO# AR427771, TC # E14EA. Engine supplied with: crankshaft sn V537957887, crankcase match No. 436, PAM fuel injector pn 61M22458 sn 70CB7903 setting 2576554-2,

Kelly alternator pn 32C22492 sn K030917, LH slick magneto pn 66LC35SDNP sn 10030649, RH slick magneto pn 66LP-0SCNP sn 10020125, LH slick ignition harness pn 67J20609, RH slick harness pn 67J20608, Sky-Tec starter pn 31B22101 sn F4P-061006,

consolidated fuel pump pn 62E23186 sn NAN011FP, champion spark plugs pn 1182-L7.

	ENGINE LOG Serial No. For Training	ı Use Only	ENGIN	NE LOG	Serial No.
_	Kelly turbo charger pn 46C19836 sn NBL00036, Kelly by pass valve pn 47J22459 sn			1 11	11.3.6
D	MKO00059, Kelly pressure controller pn 48B22488 sn LHN 00026, Lycoming absolute		this engine has been inspected in		
	pressure relief pn LW-14445-12 sn LKN00118. Replaced engine mounts pn's (2) J9613-12,	- inspectio	on per FAR 43 Appendix D and for	and to be in an airwork	thy condition".
	(2) J9613-19, and bolts. Torqued as required. Installed new vacuum pump Model #	— TI: :		1 21	
	AA3215CC sn N62457. Installed Hartzell governor Model V5-6 sn G145J after overhaul		eraft was repaired and inspected in		ent regulations of the Federal
	from Redline Aviation CRS# R62R296Y WO# 1584. Installed oil cooler pn 10901A sn 428	Aviation	Administration and is approved for	or return to service.	
	pn 10901A sn 429 after overhaul from Drake Air, Inc. CRS # II2R899K WO# 465382/56642.			6. G . Y . G	
-	Engine supplied from Lycoming with complete exhaust system to include all clamps and		nt details on file at Beegles Aircra		eley, CO.
	engine hoses. Replaced hoses manifold pressure pn 124F001-4CR0330, oil pressure pn	— Work O	order # 11,295 CRS# BX	14R092M	
-	124F003-4CR0174, breather drain pn 124F0016CR0124, oil cooler pn 124003-8CR0136,	- 6:	See ware		<u> </u>
	124F003-8CR-0222, fuel supply pn 124003-8CR0320. Reinstalled existing baffles. Routed	_ Signed_	The state of the s		
	and reconnected all lines, hoses, electrical, and controls. Rigged controls with cushion stop		-		1
	to stop. Reinstalled air conditioner compressor [system charge not affected]. Replaced air				
	conditioner belt pn 37B19774-472. Installed new air filter pn P151936. Serviced engine				
_	with Aeroshell mineral oil 100W 50WT. Pre-oiled engine and turbo charger. Test run		Page Total	All Repair Data M	Must Bear the Endorsement of a
	engine and checked for leaks. All systems, temperatures, RPM's, and pressures normal.		Brought Forward	Certificated Mecha	nanic, and his Rating and
			Total to Date	Certificate Number	er MUST be Shown.

ENGINE LOG

Serial No. For Training Use Only

ENGINE LOG

Serial No.

Date Time	DEDAIRS - AD. JUSTMENTS - SERVICE - REMARKS Signature	License Number	Date Hrs M	4535 Airport Approach Rd Duluth MN 55811 (218) 727-2911 Cirrus Authorized Service Center	se er
)	London Aircraft Service Center Inc 150 Aviation Drive South L3HR317N N3HY Model: Piper PA-32-301T s/n #: 3257252 Date: 07/01/10 Hobbs Time: 1282.7 hrs Total Time: 1282.7 hrs ENGINE Replaced engine oil filter P/N CH48110-1 and 12 quarts of 20W50 mineral oil IAW Piper PA-32-301T MM 12-10-00. Adjusted engine fuel mixture IAW Lycoming TIO-540-AH1A MM section 9-5. Operation is normal.			Cessna Authorized Service Facility Date: 11/17/2010: Aircraft: N3HY: Type: PA-32R-301T; S/N: 3257252; Hobbs: 1295.5; Total Time: 1295.5; Engine - Type: TIO-540-AH1A, S/N: RL-10010-61A, Time: 29.0. Shop Order #: 10-7676 Replaced alternator pulley with new P/N 36B22352 and belt with new P/N 37D22355. Replaced SCAT cooling duct to alternator. Run up and ops checks good. Signature: Steven J. LaMourea A&P 2841160 4535 Airport Approach Rd Duluth MN 55811 (218) 727-2911 Cirrus Authorized Service Center	
	Work Order #: SO12343 In reference to the above work performed, this aircraft is airworthy and returned for service. Kevin Bahash Brought Forward Total to Date Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.			Date: 3/25/2011: Aircraft: N3HY; Type: PA-32R-301T: S/N: 3257252; Hobbs: 1304.4; Total Time: 1304.4; Engine - Type: TIO-540-AH1A, S/N: RL-10010-61A, Time: 37.9. SMOH: 37.9 Shop Order #: 11-7802 Changed oil and filter P/N CH-48110-1. Serviced with 11 quarts Aeroshell 100W Plus. Cut open and inspected oil filter, no discrepancies noted. Obtained and sent SOAP sample to Blackstone Labs for analysis. Operational and leak checks good. Signature: Signature:	

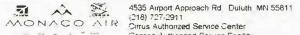
4535 Airport Approach Rd Duluth. MN 55811	For Training Use Only		ENGINE LOG	Serial No.	
Cessna Authorized Service Facility Cessna Authorized Service Facility Type: PA-32R-301T; S/N: 3257252; Hobbs: 1330.1; Total Time: 1330.1;	License Date Number	Time REPA	IRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
Engine - Type: TIO-540-AH1A, S/N: RL-10010-61A, Time, 63.6, SWOTE 63.6 Shop Order #: 11-7835 Changed oil and filter P/N CH48110-1. Serviced with 11 qts Aeroshell 100W Plus. Cut open and inspected oil filter, no discrepancies noted. Obtained and sent SOAP sample to Blackstone Labs for analysis. Operational and		NONXCO XIR	4535 Airport Approach Rd Duluth MN 55811 (218) 727-2911 Cirrus Authorized Service Center Cessna Authorized Service Facility		
leak checks good. Signature:	Shop	ne - Type: 110-540-AH1 Order #: 11-7897	3HY; Type: PA-32R-301T; S/N; 3257252; Hobbs; 1336.6; Total T A, S/N; RL-10010-61A, Time; 70.1, SMOH; 70.1	Fime: 1336.6;	
Steven J. LaMourea A&P 2841160	Comp	ormed Annual / 100 Hr in plied with A.D. 2008-14- 1436.6 hours.	spection of engine IAW Monaco Air Inspection checklist. 07 by inspection of fuel injection lines per para. j & k. Ok at this til	me. Next inspection	
	A.D. 2 Clean Perfor	2011-13-03 is N/A beca ned main fuel screen, fin armed engine cylinder co	use turbo had more than 50 hours T.I.S. before July 13, 2011. ger screen in fuel metering unit, and drained all fuel sumps. mpression and borescope inspections, no discrepancies noted.	Compressions as	
	Clean	/s: #1 77/80, #2 76/80, # ned and tested all spark ected exhaust and intake	377/80, #4 76/80, #5 77/80, #6 77/80. plugs. Adjusted magneto to engine timing as required. systems. Inspected air filter. Lubed all controls and checked travity that this engine has been inspected in accordance with an Ann	el Engine run un	
	inspec	ction and was determine	d to be in an airworthy condition.		
Page Total All Repair Data Must Bear the Endorsement of	f a Signal	iture:	al show allow	nt of	a
Brought Forward Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	_	James J. Imber	g A&P 2751176.		
Total to Date				1	

NAPLES AIR CENTER, INC.	For Training Use Only		ENGINE LOG	Serial No.	
CRS X04R655M 230 AVIATION DRIVE SOUTH NAPLES, FLORIDA 34104	Date	Time	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	License Number
AIRCRAFT:N3HY DATE: 11/28/11 WO:12068 HOBBS: 1367.3 TSOH: 100.8 ENGINE LOG DRAINED OIL. REMOVED AND INSPECTED OIL FILTER. INSTALLED NEW CH48110-1 OIL FILTER AND SERVICES ENGINE WITH 11 QTS. OF W100+ AFROSHELL OIL. ENGINE RUN UP AND LEAK CHECKED GOOD. FORAPLES AIR CENTER CRS X04R655M. PORERT 1 HOUSE TO CITUS Authorized Service Center Cerssia Authorized Service Center Cessia Authorized Service Facility		ngine - Type: TIC hop Order #: 12-8 erformed 100 Hr	Circus Authorized Service Center Cessna Authorized Service Facility Aircraft: N3HY; Type: PA-32R-301T; S/N: 3257252; Hobbs: 1442.8; Tota 0-540-AH1A, S/N: RL-10010-61A, Time: 176.3, SMOH: 176.3	2-15. AD 2012-10-52	Number
Date: 3/21/2012; Aircraft: N3HY; Type: PA-32R-301T; S/N: 3257252; Hobbs: 1402.8; Total Time: 1402.8; Engine - Type: TIO-540-AH1A, S/N: RL-10010-61A, Time: 136.3, SMOH: 136.3 Shop Order #: 12-8139 Changed oil and filter P/N CH48110-1. Serviced with 11 qts Aeroshell 100W Plus. Cut open and inspected oil filter, no discrepancies noted. Obtained and sent SOAP sample to Blackstone Labs for analysis. Operational and leak checks good. Signature: Steve J. LaMourea & P 2841160 Brought Forward Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.	p	articulate inspection erformed engine of 3 78/80, #4 77/80 hecked exhaust so and rotated spark p	and filter, Champion CH48110-1 Serviced with 11 qts of Aeroshell 100 on on filter, checked good, sent oil sample off to Blackstone labs. Run up cylinder compression, no discrepancies noted. Compressions as follows 0, #5 77/80, #6 76/80, master orifice reading of 44/80. Checked magneto sustem and turbo checked engine controls, engine mounts, serviced air flolugs, checked fuel system and all wiring and attachments, ingine has been inspected in accordance with a 100 hr inspection and wallon. App 3366908 Hagberg A&P 3268908	p and leak check good s: #1 78/80, #2 76/80, to to engine timing good.	

		ENGINE LOG	Serial No.	For Training Use Only	FNOW
ate	Time Hrs Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARK	S Signature	License Number Date	Hrs Date: Da
-	240	meplanes Aircraft Services Inc. Aviation Drive North Suite 102 les, Florida 34104 ph. 239-659-4005	PrimePlanes AM, MAE I SERVICE PRIME		- Type: TIO-540-AH1A. SiN: RL-10010-61A. Time: 250.0, SMOH: 250.0 Shop Order #: 13-8612 Performed Annual/100 Hr. inspection on engine IAW Monaco Air engine inspection checklist.
Di fo er	ound; Installe	ne oil, removed filter; Cut filter and inspected ed new filter, Champion P/N CH48110-1, torq 2 quarts of Aeroshell 100 Plus; Performed ru	element for metal particulates; None ued and saftied as required; Service	ed	Changed engine oil and filter, Champion P/N CH48110-1. Serviced with 11 qts. Aeroshell 100W Plus engine oil. Cleaned and tested spark plugs. Adjusted magneto to engine timing as necessary. Cleaned fuel screen, drained all fuel sumps. Checked all engine intake and exhaust system components. Performed cylinder compression and borses.
		Brian Thoresen, A&P 3277997	Date 3/14	/2013	Performed cylinder compression and borescope inspections, no discrepancies noted. Compressions as follows: #1 78/80. #2 76/80. #3 78/80, #4 77/80. #5 78/80, #6 76/80. Master orifice reading of 44/80. AD 2012-19-01. Crankshaft, N/A by engine and crankshaft S/N. Complied with AD 2011-26-04, fuel injector line inspection, by inspecting lines IAW AD instructions, no I certify that this engine has been inspected in execution.
	Ĭ	Page Total All R	epair Data Must Bear the Endorsement of a icated Mechanic, and his Rating and icate Number MUST be Shown.		I certify that this engine has been inspected in accordance with a 100 hr inspection and was determined to be in Signature: Steven J. LaMourea A&P 2841160

174	ENG	INE LOG	Serial No.	For Training U	Jse Only	ENGINE LOG Serial No.
1 OIL FIL SPARK F	230 A AIRCRAFT:N3HY I O OIL. REMOVED AND INSPECTED OIL TER AND SERVICED ENGINE WITH 11 PLUGS. FOUND #3 TOP PLUG OIL FOU	QTS. OF W100+ AEROSHELL OIL. I LED. CLEANED AND TESTED SPARI	ID. INSTALLED NEW CH REMOVED AND INSPEC (PLUG, REINSTALLED S	IED .		Date: 8/28/2014; Aircraft: N3HY; Type: PA-32R-301T; S/N: 3257252; Hobbs: 1576.9; Total Time: 1576.9; Engine Type: TIO-540-AH1A, S/N: RL-10010-61A, Time: 310.4, SMOH: 310.4; Performed 100 hour inspection on engine IAW Monaco Air engine inspection ckecklist Researched AD's thur 2014-17 changed engine oil and filter CH48108-1 filter Serviced with Aeroshell 100 W 11 qts. Performed particulate inspection on filter checked good. Compression test 1) 76 2) 76 3) 76 4) 76 5) 78 6) 74 all over 80 master orifice 44. Cleaned tested and rotated lubed, checked engine mount. Adjusted magneto timing to engine.
	Page Total	All Repair Data Must	Bear the Endorsement of	a		Replaced clamp for heat duct tube support forward with new piper 654-211 clamp Boroscope of cylinders good.no discrepancies. run leak check good. I certify that this engine has been inspected in accordance with a 100 hr inspection and was determined to be in an airworthy condition.
	All Repair Data Must Bear the Endorsement of a Brought Forward Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.				\equiv	Signature: Rick Hagberg A&P 3268906

	CRS 230 AVIATIO NAPLES, AIRCRAFT:N 3HY DATE: AIRF DRAINED OIL. REMOVED AND INSPECTED OIL FILTER 1 OIL FILTER AND SERVICED ENGINE WITH 11 QTS. O INSPECTED, GAPPED, TESTEQ AND REINSTALLED SI INSPECTED, GAPPED, TESTEQ AND REINSTALLED SO	NIR CENTER, INC. X04R655M ON DRIVE SOUTH FLORIDA 34104 8/17/15 WO: 12963 HOBBS:1608.0 RAMIE LOG R. NO CONTAMINANTS FOUND. INSTALLED NEW CH4811 DF W100+ AEROSHELL OIL, REMOVED, CLEANED, PARK PLUGS, REPLACED 5 EA. SPARK PLUGS WITH NEW	For Training Use Only Date	Cessna Authorized Service Facility Date: 10/05/2015; Aircraft: N3HY; Type: PA-32R-301T; S/
	ROBERT L. HOUSE	APLES AIR CENTER CRS X04R655M.		check points. Noted a lot of contamination inside of magnet set of points (Kit P/N: M3081) per Champion Aerospace 43 restricted oriface in tach pick up. Reinstalled mag on engine pressurization hoses and blew all dirt out of hoses. Inspecte pressurization hoses. Installed a filter P/N: 04-6700015 in t Cleaned fuel servo finger screen. cleaned all fuel injectors, Checked all engine intake and exhaust system components Checked travels and lubricated engine controls. Performed cylinder compression and borescope inspection: #1 75/80, #2 75/80, #3 74/80, #4 76/80, #5 75/80, #6 75/80. Engine run up, mag check, and ops checks ok.
- N - 170	Page Total Brought Forward Total to Date	All Repair Data Must Bear the Endorsement of a Certificated Mechanic, and his Rating and Certificate Number MUST be Shown.		I certify that this Engine has been inspected in accordance



MONACO ATR Orrus Authorized Service Center Cessna Authorized Service Facility		
ate: 10/05/2015; Aircraft: N3HY; Type: PA-32R-301T; S/N: 3257252; Hobbs: 1640.5; Total Time: 1640.5; Engine Type: TIO-540-AH1A, S/N: RL-10010-61A, Time: 374.0, SMOH; 374.0 hop Order #: 15-9258		License Number
erformed Annual/100 Hr inspection on engine IAW PA-32R-301T AMM section 5-20-00 inspection checklist and A-32R-301T AMM.		
esearched ADs thru Bi-Weekly 2015-19.		
omplied with A.D. 2015-19-07 by visual inspection of fuel injection lines per MSB 342(G). Next inspection due: 750.5 tach. or next Annual inspection		
hanged engine oil and filter, Champion P/N CH48110-1. Serviced with 11 qts. Aeroshell 100W Plus engine oil. erformed particulate inspection on filter, checked good. Installed 1 pint of Cam Gaurd.		
eaned and tested spark plugs. Checked magneto to engine timing. Removed left magneto. Opened mag to neck points. Noted a lot of contamination inside of magneto. Cleaned contamination out of mag, Installed a new		
et of points (Kit P/N: M3081) per Champion Aerospace 4300 / 6300 magneto maintenance manual. Cleaned out		
stricted oriface in tach pick up. Reinstalled mag on engine using new gaskets. Removed all magneto essurization hoses and blew all dirt out of hoses. Inspected check valve in the intake duct for the mag		
essurization hoses. Installed a filter P/N: 04-6700015 in the magnetos pressurization hose eaned fuel servo finger screen, cleaned all fuel injectors, cleaned main fuel screen, drained all fuel sumps		
hecked all engine intake and exhaust system components.		
hecked travels and lubricated engine controls.		
erformed cylinder compression and borescope inspections, no discrepancies noted. Compressions as follows: 75/80, #2 75/80, #3 74/80, #4 76/80, #5 75/80, #6 75/80.		
ngine run up, mag check, and ops checks ok.	fa	
ertify that this Engine has been inspected in accordance with an Annual / 100 hr inspection and was		
fame Inly pep 2751176519		

	ENGINE LOG	Serial No.	For Training Use Only	A STATE OF THE STA	
CONTAMINANTS F	NAPLES AIR CENTER, INC. CRS X04R655M 230 AVIATION DRIVE SOUTH NAPLES, FLORIDA 34104 AIRCRAFT:N3HY DATE: 4/29/16 WO: 13272 HOB ENGINE LOG TOOK BLACKSTONE OIL SAMPLE. REMOVED AND INSPI DUND. INSTALLED NEW CH48110-1 OIL FILTER AND SEF OIL. ENGINE RUN UP AND LEAK CHECKED GOOD. FOR NAPLES AIR CENTER CR ROBERT L. HOUSE	BS: 1692.1 ECTED OIL FILTER. NO RVICED ENGINE WITH 11 QTS, C	Date er	TO ADA THE SECOND REST AND	License Number
Brou	ght Forward Certificated Med	Must Bear the Endorsement of a shanic, and his Rating and ber MUST be Shown.		Description of the serviced with 11 its agreement 190W Plus or William P N Cha48110-1. Serviced with 11 its agreement 190W Plus or William I charked or its agreement in Electron on complete Run. Service of the sumps of the sumps of the service o	

ENGINE LOG	Serial No.	For Training Use Only	4535 Airport Approach Rd Duluth MN 55811 (218) 727-2911 (218) 727-2911 Cirrus Authonzed Service Center Cessan Authorized Service Facility Date: 10/02/2017: Aircraft: N3HV: Tyrpo: PA.32P.301T: S/N: 3257252: Hobbs: 17187: Total Time: 17187: Facility	License
Date Hrs Min Changed oil + Filter - Frager Filter element For Continuity None Found - Serviced with a Acroshell wico Plus - Wash of Run up + lenk checked - Che Repostabled Couling - Runstalled Couling - Runstalled Couling -	ogis down ckeda		Date: 10/02/2017; Aircraft: N3HY; Type: PA-32R-301T; S/N: 3257252; Holpbs::171633 Total Time: +71633 Engine - Type: TIO-540-AH1A, S/N: RL-10010-61A. Time: 449.8, SMOH 40.8 77.8 Total Time: +71633 Engine - Type: TIO-540-AH1A, S/N: RL-10010-61A. Time: 449.8, SMOH 40.8 77.8 Total Time: +71633 Engine - Type: TIO-540-AH1A, S/N: RL-10010-61A. Time: 449.8, SMOH 40.8 77.8 Total Time: +71633 Engine - Type: TIO-540-AH1A, S/N: RL-10010-61A. Time: 449.8, SMOH 40.8 77.8 Total Time: +71633 Engine - Type: TIO-540-AH1A, S/N: RL-10010-61A. Time: 449.8, SMOH 40.8 77.8 Total Time: +71633 Engine - Type: TIO-540-AH1A, S/N: RL-10010-61A. Time: 449.8, SMOH 40.8 77.8 Total Time: +71633 Engine - Type: TIO-540-AH1A, S/N: RL-10010-61A. Time: 449.8, SMOH 40.8 77.8 Total Time: +71633 Engine - Type: TIO-540-AH1A, S/N: RL-10010-61A. Time: 449.8, SMOH 40.8 77.8 Total Time: +71633 Engine - Type: TIO-540-AH1A, S/N: RL-10010-61A. Time: 449.8, SMOH 40.8 77.8 Total Time: +71633 Engine - Type: TIO-540-AH1A, S/N: RL-10010-61A. Time: 449.8, SMOH 40.8 77.8 Total Time: +71633 Engine - Type: TIO-540-AH1A, S/N: RL-10010-61A. Time: 449.8, SMOH 40.8 77.8 Total Time: +71633 Engine - Type: TIO-540-AH1A, S/N: RL-10010-61A. Time: 449.8 SMOH 40.8 77.8 Total Time: +71633 Engine - Type: TIO-540-AH1A, S/N: RL-10010-61A. Time: 449.8 SMOH 40.8 All Time: +71633 Engine - Type: TiO-540-AH1A, S/N: RL-10010-61A. Time: 449.8 SMOH 40.8 All Time: +71633 Engine - Type: TiO-540-AH1A, S/N: RL-10010-61A. Time: +71633 Engine - Type: TiO-540-AH1A, S/N: RL-10010-61A. Time: +71633 Engine - Type: TiO-540-AH1A, S/N: RL-10010-61A. Time: 449.8 SMOH 40.8 S/N: 10010-61A. Time: +71633 Engine - Type: TiO-540-AH1A, S/N: RL-10010-61A. Time: +71633 Engine - Type: Tio-540-AH1A, S/N: RL-10010-61	License Number

		ENGINE LOG	Serial No.	For Training	Use Only
Date	Time			License	-
	Hrs Min	REPAIRS - ADJUSTMENTS - SERVICE - REMARKS	Signature	Number	Dat
	5/1	7/2018 TACH: 1819.7 ACTT: 1819.7			
	Rep syst	laced alternator out sensor with new LAmar unit P/N A-002 remChecks OK	58-2 OPs tested		
	R D	udley A/P 2313282		-	
					-
	Chai	nged oil and filterInspected filter element for contaminant	sNone		-
	foun	dSent oil sampleServiced with 12 QTS Aeroshell W100 p checkedChecked OK	olusRan up and	-	
	R D	udley			
		2313282			-
				1	-
		Page Total			

Brought Forward

Total to Date

All Repair Data Must Bear the Endorsement of a

Certificated Mechanic, and his Rating and

Certificate Number MUST be Shown.



4535 Amport Approach Rd - Dututh MN 56811 - 218: 727-2911

ANONACIO ATR Dirrus Authorized Service Center Cassna Authorized Service Facility

License Date. 10/05/2018; Aircraft: N3HY; Type. PA-32R-301T, S/N: 3257252; Hobbs: 1844.2; Total Time 1844.2; Engine Number - Type TIQ-54C-AHIA S.N. RL-10010-61A Time 577.7, SMOH 577.7 Shop Order #: 18-102-5 Performed Annual 100 Hr. inspection on engine IAW PA-32R-301T AMM section 5-20-00 inspection checklist and PA-32R-301 F AMM Researched A.D s thru Bi-Weekly 2013-19 Complied with A D 2015-19-07 by visual inspection of fuel injection lines and clamps I A W MSB 342G. No defects noted at this time. Next Inspection due, 1954.0. Every 110 Hours) Changed engine oil and filter Champion P N CH48110-1. Serviced with 11 gts. Aeroshell 100W Plus engine oil Performed particulate inspection on filter checked good. Sent in Blackstone oil sample. Run-up and leak checks Cleaned and tested spark plugs. Checked magneto to engine timing inspected air filter Cleaned fuel screen main fuel strainer grained all fuel sumps Checked all engine intake and exhaust system components Checked travels and lubricated engine controls Performed cylinder compression and borescope inspections no discrepancies noted. Compressions as follows #1 72/80, #2 70/30, #3 70/30, #4 74/80 #5 75/80 #6 74/80 Engine run up leak, and opsichecks ok I certify that this Engine has been inspected in accordance with an Annual / 100 hr inspection and was determined to be in an airworthy condition

			ENGINE	LOG s	Serial No.	For Train	ing Use Only	MON.	↑ 4535 Ai ↑ (218) Ti ↑ C ○ ↑ R Cirrus	irport Approach Rd Duluth 27-2911	MN 55811	
Date		me	2524122 42 11 12 14 14 14 14 14 14 14 14 14 14 14 14 14	051440140		License						License
	Hrs	Min	REPAIRS - ADJUSTMENTS - SERVICE	- REMARKS	Signature	Number	Date		2019. Aircraff: N3HY, 1 -540-AH1A, S/N: RL-10		i/N; 3257252; Hobbs; 1896.1; Total Time: 1896 1; Engine 7, SMOH: 577.7	Number
			Drained oil and changed oil filt contaminantsnone foundIn: Aeroshell W100 plus oilremoterankshaft sealReinstalled propropellerReplaced all 6 rocke oil return line clampsRemove repaired by weldingPAinted a down-Run up and leak checked R Dudley A/P 2313282	spected suction screenServi ved propellerDesludged crar opeller with new O ringTorq r cover gaskets with silicone of d engine baffle @ #6 cylinder nd reinstalled baffle and sile	iced with 10 qts nshaftReplaced jued and safetied gasketsTorqued all			Removed er access to cr the incorrect parts manua cure sealant	rankshaft nose seal. Rei t part for this engine, ins al installed nose seal I A t. Re-installed propeller	emoved leaking nose se stalled new Lycoming i A W. Lycoming Service with new O-ring torquits as nor abnormalities no	ankshaft nose seal leaking. Removed propeller to gain eal P.N. LW13792-P50. Seal removed was noted to be nose seal P.N. LW15628 per Lycoming TIO-540-AH1A e Instruction No. 1324C using Dow corning 737 Neutral led and saftied I.A.W. Piper PA32R-301T Maintenance of the Re-cowled engine	
			Page Total	All Repair Data Must Bear	the Endorsement of a		-		Page Total		All Repair Data Must Bear the Endorsement of a	
	-	_	Brought Forward Certificated Mechanic, and his Rating		his Rating and			Brought Forward Certificat		Certificated Mechanic, and his Rating and		
			Total to Date	Certificate Number MUST	De Snown.		7		Total to Date		Certificate Number MUST be Shown.	

	ENGINE LOG Serial No.	For Training Use	Only				MERICAN AVA	TON		
Date	Date 9/27/2019. Aircraft: N3HY: Type: PA-32R-301T. S/N: 3257252; Hobbs: 1897.7: Total Time: 1897.7: Engine - Type: TIO-540-AH1A, S/N: RL-10010-61A, Time: 631.2, SMOH: 631.2 Shop Order # 19-10592 Performed Annual / 100 Hour inspection on engine IAW PA-32R-301T AMM section 5-20-00 inspection checklist and PA-32R-301T AMM. Researched ADs thru current Bi-Weekly 2019-19. Changed engine oil and filter. Tempest P/N AA48110-2. Serviced with 11 qts. Aerosnell 100W Plus engine oil.	License Number		REG. MODE S/N DATE DRIE	N3HY LTIO-540-AH1A RL-10010-61A 5/26/2020 AINED OIL. SERV ECKED. NO DEFE	VICED EN	HERNANDO COUNTY AIRPORT 2495 BROAD STREET BROOKSVILLE, FLORIDA 34604 PHONE (352) 796-5173 FAX (352) 799-4681 FAA REPAIR STATION #TZ4R562M IGINE WITH 11 QTS OF AEROSH	W.O. HOBBS T.T TSMOH		License Number
	Sent oil sample to Blackstone Performed particulate inspection on filter, checked good. Sent in Blackstone oil sample. Run-up and leak checks good. Cleaned and tested spark plugs, checked magneto to engine timing. Cleaned fuel screen, main fuel strainer, drained all fuel sumps. Checked all engine intake and exhaust system components.			→ REI	MOVED, CUT OPE STALLED A NEW A	EN, AND AA48110	INSPECTED OLD OIL FILTER. N -2 OIL FILTER. TORQUED AND S) TO BLACKSTONE LABS.		INATION NOTED.	
	Checked travels and lucricated engine controls. Performed cylinder compression and borescope inspections, no discrepancies noted. Compressions as follows: #1 74/80, #2 76/80, #3 76/80, #4 74/80, #5 74/80, #6 72/80. Engine run up, leak, and ops checks ok i certify that this Engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition. Signature: Compressions as follows: #1 74/80, #6 72/80. Engine run up, leak, and ops checks ok it is certify that this Engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.			curre rules deter requi	ent instructions canto of the F.A.R.'s unde rmined to be in airw rements. Pertinent	tained in er which the warthy co t details o	MAINTENANCE RELEASE: dentified above was repaired and The Piper PA-32R-301T Maintenance the operator is certified. The aircraft andition and is approved for return of the repair are on file at this agence	e Manual and and/or com to service as	nd the maintenance ponent was per these	

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MONACO.	^
Date: 9/11/2020; Airc	ra

4535 Airport Approach Rd Duluth MN 55811 1218) 727-2911 Cirrus Authorized Service Center

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ENGINE LOG

Serial No.

Date	Date: 9/11/2020; Aircraft: N3HY, Type: PA-32R-301T, S/N: 3257252; Hobbs: 1956.1; Total Time: 1956.1; Engine - Type: TIQ-540-AH1A, S/N: RL-10010-61A. Time: 689.6; SMQH: 689.6	License Number	Date	Time Hrs Min	REPAIRS - ADJUSTM	MENTS - SERVICE - REMARKS	Signature	License Number
	Performed Annual / 100 Hour. inspection on engine IAW PA-32R-301T AMM section 5-20-00 inspection checklist and PA-32R-301T AMM. Researched ADs thru current Bi-Weekly 2020-18. Complied with A.D. 2015-19-07 by visual inspection of fuel injection lines and clamps I.A.W. MSB 342G. No defects noted at this time. Next Inspection due: 2066.1. (Every 110 Hours). Changed engine oil and filter. Tempest P/N AA48110-2. Serviced with 11 qts. Aeroshell 100W Plus engine oil. Performed particulate inspection on filter, checked good. Sent in Blackstone oil sample. Clecked and cleaned oil pump pick up screen. Cleaned, gapped, and tested spark plugs. Replaced one cracked spark plug with a new RHB36S spark plug. Adjusted magneto to engine timing as necessary. Cleaned fuel servo screen, main fuel strainer, drained all fuel sumps			NAPLES AIR CENTER, INC. CRS X04R655M 230 AVIATION DRIVE SOUTH NAPLES, FLORIDA 34104 N3HY DATE:3/30/2021 W/O 14196 HM 1987.9 ENGINE LOG ROSHELL W100 PLUS AND AA48110-2 FILTER, R GROUND RUN SATISFACTORY, NO LEAKS I				
	Checked all engine intake and exhaust system components. Checked travels and lubricated engine controls.					1.		
_	Performed cylinder compression and borescope inspections, no discrepancies noted. Compressions as follows: #1 74/80, #2 72/80, #3 71/80, #4 70/80, #5 72/80, #6 75/80. Engine run up, leak, and ops checks ok. I certify that this Engine has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.							
					Page Total		Bear the Endorsement of	а
	(hours of live				Brought Forward	Certificated Mechanic	, and his Rating and	
	June Fronkly			Total to Date Certificate Number MUST be Shown.			UST be Shown.	
	James Son July 1947275171278							

	4535 Airport Approach Rd Duluth MN 55811 (218) 727-2911 Cirrus Authorized Service Center	For Training Use Or¶∳™	Service Bulletins, Letters, Instructions & A D Notes	
Date	Date: 10/05/2021; Aircraft: N3HY; Type: PA-32R-301T; S/N: 3257252; Hobbs: 2015.6; Total Time: 2015.6; Engine - Type: TIO-540-AH1A, S/N: RL-10010-61A, Time: 749.1, SMOH: 749.1	License Number		
	Shop Order #: 21-11228 Performed Annual / 100 Hour. inspection on engine IAW PA-32R-301T AMM section 5-20-00 inspection checklist and PA-32R-301T AMM.	<u> </u>		
	Researched A.D.s thru Bi-Weekly: 2021-19. Complied with A.D. 2015-19-07 by visual inspection of fuel injection lines and clamps I.A.W. MSB 342G. No defects noted at this time. Next Inspection due: 2125.6 Hobbs. (Every 110 Hours).			
	Changed engine oil and filter, Tempest P/N AA48110-2. Serviced with 11 qts. Aeroshell 100W Plus engine oil. Performed particulate inspection on filter, checked good. Sent in Blackstone oil sample. Checked and cleaned oil	<u> </u>		
	pump pick up screen. Cleaned and tested spark plugs. Installed one new RHB36S spark plug. Adjusted magneto to engine timing as necessary.			
	Cleaned fuel servo screen, main fuel strainer, drained all fuel sumps Checked all engine intake and exhaust system components.			
	Checked travels and lubricated engine controls. Performed cylinder compression and borescope inspections, no discrepancies noted. Compressions as follows: #1 78/80, #2 78/80, #3 78/80, #4 79/80, #5 78/80, #6 78/80.			
	Engine run up, leak, and ops checks ok. I certify that this Engine has been inspected in accordance with a 100 Hour Inspection and was determined to be in an airworthy condition.			
	Jumes Sould			
X-	1 199F 2751176EA			