Left



The Standard

ENGINE LOG

ASA-SE-T

YEAR:	RECORD	ING 1	ODAVIC	TOTAL			I of Increations To	ete Ron	airs an	d Alter		
	TACH	QUANTTY	PART NUMBER	DESCRIPTION	SALE	1	Water Andrews to a		540-96	7-5380	INVOICE / WORK ONDER	ician or Repair
	TIME	2	T8A19441	Bearing	- ADMICHAEL	1	Triad Aviation, Inc.	F.		10-967-5381	"OHE OLDER	Total Total
		4	18D19394	Bearing	1	1	FAA Repair Station #PP4R448M		ELL		NO. 17886	
DATE		8	T8M19388	Bearing		1	3439 South Aviation Drive	M	AKE		DATE	1
DATE		1	113S19646	Genr	1	1	Burlington, NC 27215			LYCOMING	4/11/2009	
		1	STD2246	Bolt		1		M	ODEL		WRITTEN BY	1
		1	61084	Spring		1	Telephone (336) 227-1467			IO-320-B1A	O.R.	
		i	STD1221	Ring		NAME	MERIDIAN AIR	R	EGISTRATIO		P.O. NO.	
			LW16266-25-3	38 Clamp	1	ADDRESS	335 INDUSTRIAL DRIVE					
			STD1930	Hose		1		SI	ERIAL NO.		TACHOMETER	1
		4	STD2180	Hose		1	LOUISA, VA 23093			L-3649-55A		
	-	4	69603	Hose	-							
		1	68759	Tube			INSTRUCTIONS/WORK	K DESCRIPTION			Sublet Labor	
		1	68760	Tube		Over	aul (1) Lycoming IO320-B1A engine S/N L	-3649-55A.				1
		2	68761	Tube			erhauled and test ran.	2017 02/11				
		1	LW15473	Fuel Pump					000000]
		1	5322144	Valve			haft-installed new P/N O5K22754 form Lyco					1
		8	78027	Bolt			der- installed new P/N O5K21100 from Lycon					
	-	8	LW12186	Nut		Magn	eto-P/N BL500514-1 S/N D09EA003R & D09	9DA012R rebuilt	by TCM wo	# 6583.		
		8	74637	Bushing		Starte	er- P/N MZ-4222 S/N 11Z000253 overhaul by	AOL wo# 94150]
		8	LW12892	Button			njector- P/N 2524145-11 S/N 2750 overhunle					
		4	LW13790	Shaft								
		6	LW15266-10-				e- P/N 2524107 overhauled and flow tested per	r CMM form 15-	541E dated o	-1-85 by TA		
		6	LW16266-10-			wo# 9	1483.					
			69371-1	Gasket Set		Flow	Divider- P/N 2524218-2 S/N 851K overhauled	d by AFS wo# 91	482.			
		1		Gear Kit		Tach	Shaft- P/N 76121 S/N 12072 repaired by AS v	wo# 172779				
		1	78531	Body			D 96-09-10 C to prevent oil pump failure due		CW BEB	CD 124		
		1	M2364 UREM38E	Harness Spark Plug	-			to impetier faith	re CW PER	SB 324		
	-	- 8	74637	Bushing	-		ILLLED GEARS KIT P/N O5K19423-S.					
	1	8	SL71646	LockPlate	-	CWA	D 96-23-03 to prevent an inflight engine fails	ure due to fuel sta	arvation CW	INSTALLED		4
		4	STD2249	Nut	-	FACT	ORY NEW FUEL PUMP LW 15473.					1
		3	77526	Tube	-	CWA	D 2004-10-14 C to prevent loosening or failu	re of the crankeh	aft coar sate	dalan bolt		
			15F19957-14		-		ER SB 475C.	it of the cranks	ali Remi Lenn	mmg oon		-
		-	138 19931-14	I usa rou	-						-	-
			-		+		CW AD 2008-14-07 to prevent failure of the fuel injector fuel lines that would allow fuel to spray into the engine compartment CW PER SB 342E.					
					-							
		-			1	11						1
			TOTAL				la construction					
		MISCELLANEOUS PARTS					I hereby authorize the following work to be done along with the					
							ary material, and hereby grant you and/or your employees ston to operate and illy the sircraft herein described for the	TOTAL PARTS				
	-			conent is approved to tails on file this repair			of testing and/or inspection. An express mechanic's lien is acknowledged on above aircraft to secure the amount of	MISCELLANEOU	SPARTS			
			VIATION, INC.		station.	repairs	frensio.					-
		STATION	# DDADAARN	1 . 7 //	1 .		not be felid responsible for loss or damage to the aircraft or left in the aircraft in case of fire, theft, or any other cause	DELIVER OUR TI	RUCK			
				replicant (a)	1/119		sest at the asscrant at case of tire, show, or any other cause your control.	TAX				
		Ulgned:/	Mary MI		COLUMN TO THE REAL PROPERTY.	Deyone		TOTAL				1

TRIAD AVIATION, Inc. certifies that this engine has been disassembled, inspected, and overhauled to manufacturer's overhaul manual new limits. Engine tested in accordance with recommended procedures and is approved for return to service. All applicable A.D. Notes and Service Bulletins are complied with at the time of overhaul. Pertinent details of this work are on file DATE 6-2-09 at this repair station under work order # 17886

MAKE Lycoming	MODEL)-32U-DIA
S/N_L-3649-55A	TOTAL TIME	2773.60

TSMOH $_{000.00}$

T

Triad Aviation, Inc. FAA Repair Station #PP4R448M **Burlington Municipal Airport** 3439 South Aviation Drive **AVIATION** Burlington, NC 27215 336-227-1467

TBO 2000

Thman of higher Authorized Signature

IO-320-B1A

YEAR:	TACH TIME FLIGHT TIME IN SERVICE Entriel must be endorsed with Name, Rating and Certificate Facility (See back pages for other specific entries)		Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair	
ATE				Facility. (See back pages for other specific entries.)
R130 comp	RPM. Co	mpressi approved TON, IN	on test cy d for retu IC. FAA	A engine S/N L-3649-55A for 2 hours 15 minutes, RPM 2700, re 180 degrees, CHT 315 mag check at 2100 RPM, L 130 RPM, linder #1 77/80 #2 76/80 #3 77/80 #4 75/80. This engine and/or arn to service. All pertinent details on file this repair station: REPAIR STATION# PP4R448M. WO# 17886. Date 6-2-09

YEAR:	TACH TIME	MERIDIAN AIR GROUP	N#:	8535Y	Specifica street Alberta	itions
DATE		335 Industrial Drive Louisa VA 23093 540-967-5339	Model: S/N: Tach: WO:	L-3649-55 2773.60	TSMO: 0.00	er of Technician or Repair
-			Date:	W09-0299 09/01/10		
		Left Engine				
		Reinstalled engine following overhaul on N853 Serviced engine with 8 quarts 80W Aeroshell N	5Y, Piper PA30, SN: lineral. Rigged and	30-1696 in the	e left position.	
		Serviced engine with 8 quarts 80W Aeroshell M Performed ground run ops checks; no defects in Complied with AD 2008-14-07, Fuel injector line due TT 2873.6, SEP 2011, or whenever work is a life certify that this ENGINE has been inspected in determined to be in airworthy condition. Martin Dodson	noted. Adjusted eng es by inspection; no done on injector line	secured engingine idle speed defects noted ess.	e controls. I and mixture. I; next	
		Performed ground run ops checks; no defects r Complied with AD 2008-14-07, Fuel injector line due TT 2873.6, SEP 2011, or whenever work is a I certify that this ENGINE has been inspected in determined to be in airworthy condition.	noted. Adjusted eng es by inspection; no done on injector line	secured engingine idle speed defects noted ess.	e controls. I and mixture. I; next	

AR:		Tests Banairs and Alterations						
					or Repair			
FE	MERIDIAN AIR GROUP	Registration #:	N8535Y					
	Culpeper Regional Airport	Model:	Lycoming IO-	320-B1A				
	12539 Beverly Ford Road	S/N:	L-3649-55A					
	Brandy Station, VA 22714	Tach:	2802.52	SMOH: 28.92				
	540-825-9711	W/O#:	W11-0914					
		Date:	02/06/2012					
	Left-Hand Engine							
	Complied with an Annual Inspection in accordance Drained oil. Removed filter and inspected; no metalled cleaned, gapped and tested spark plugs. Reinstalled at follows: #1.77,000, #0.70,000.	d with a serviced	engine with 7 qu	arts 20W50 Phillips XC.				
	Cleaned, gapped and tested spark plugs. Reinstalle as follows: #1 77/80, #2 78/80, #3 77/80, #4 76/80. fuel injector lines in accordance with AD Part (h) and on injector lines whichever occurs first. Replaced in checked; no defects noted.	ed with new gaskets. Checked magneto in Complied with AD 2011-26-04 (Eff. dar di); no defects noted, next inspection diduction air filter. Cleaned engine. Perfo	of engine with 7 quality to engine timing, te 01/25/2012) to ue TT 2902.52 or wirmed ground run	compressions checked prevent failure of the whenever work is done ops checks and leak				
_	Cleaned, gapped and tested spark plugs. Reinstalle as follows: #1 77/80, #2 78/80, #3 77/80, #4 76/80. fuel injector lines in accordance with AD Part (h) and on injector lines whichever occurs first. Replaced in checked; no defects noted. I certify that this ENGINE has been inspected in accordation.	ed with new gaskets. Checked magneto in Complied with AD 2011-26-04 (Eff. dar di); no defects noted, next inspection diduction air filter. Cleaned engine. Perfo	of engine with 7 quality to engine timing, te 01/25/2012) to ue TT 2902.52 or wirmed ground run	compressions checked prevent failure of the whenever work is done ops checks and leak				
	Cleaned, gapped and tested spark plugs. Reinstalle as follows: #1 77/80, #2 78/80, #3 77/80, #4 76/80. fuel injector lines in accordance with AD Part (h) and on injector lines whichever occurs first. Replaced in checked; no defects noted.	ed with new gaskets. Checked magneto in Complied with AD 2011-26-04 (Eff. dar di); no defects noted, next inspection diduction air filter. Cleaned engine. Perfo	of engine with 7 quality to engine timing, te 01/25/2012) to ue TT 2902.52 or wirmed ground run	compressions checked prevent failure of the whenever work is done ops checks and leak				

Culp 125	ERIDIAN AIR GROUP	Registration #: Model:	N8535Y		
Culp 125		Madal			
125	0 1 111 1	Model:	Lycoming 10-32	?0-B1A	
	peper Regional Airport	S/N:	L-3649-55A		
Drai	39 Beverly Ford Road	Tach:	2818.01	SMOH: 44.41	
Didi	ndy Station, VA 22714	W/O#:	W13-1191		
540	-825-9711	Date:	05/23/2013		_
— Left	t-Hand Engine				
Drai Clea as fo fuel 2918	nplied with an Annual Inspection in accordance wined oil. Removed filter and inspected; no metal runed, gapped and tested spark plugs. Reinstalled ollows: #1 78/80, #2 76/80, #3 77/80, #4 72/80. Conjector lines – complied with by inspection in account of the sects noted. Cleaned engine. Performed ground reconstructions.	noted. Installed new filter and serviced with new gaskets. Checked magneto complied with AD 2011-26-04 (Eff. datordance with Lycoming MSB 342F; no hichever occurs first. Replaced inductions	d engine with 7 qu to engine timing. ate 01/25/2012) to defects noted, ne ion air filter. Inspe	arts 20W50 Phillips XC. Compressions checked prevent failure of the ext inspection due TT	
con	rtify that this ENGINE has been inspected in accordition.	dance with an Annual Inspection and	was determined to	be in airworthy	
7	Hartin Dodson				
	tin Dodson				
	P/IA 3664335				

	MERIDIAN AIR GROUP	Registration:	N8535Y	r Rej						
E		Model:	Lyc. O-320-B1A							
_	Culpeper Regional Airport	S/N:	L-3652-55A							
	12539 Beverly Ford Road	ACTT:	2845.51 TSOH: 71.91							
	Brandy Station, VA 22714	WO#:	W18-3232	_						
	540-825-9711	Date:	08-01-2018							
	Left-Hand Engine									
	Complied with an Annual Inspection in accordance with 14 CER Boxt 43 Annually Duving Discontinuous									
	 Complied with an Annual Inspection in accordance with 14 CFR Part 43 Appendix D using Piper PA30 MM checklist as a guide. Drained oil. Removed filter and inspected; no metal noted. Installed new filter and serviced engine with 7 quarts 20W50 Phillips XC. 									
	> Cleaned, gapped and tested spark plugs. Reinstalled with new gaskets.									
	Compressions checked as follows: #1 74/80, #2 74/80, #3 76/80, #4 71/80.									
_	> Complied with AD 2015-19-07 (Eff. date 11/03/2015) inspe	6/80, #4 71/80.	compliance (a) (1) (ii) and tomorious seen							
	Complied with AD 2015-19-07 (Eff. date 11/03/2015) inspections.	ection of fuel injection lines per AD	compliance (e) (1) (ii) and Lycoming MSB							
	Complied with AD 2015-19-07 (Eff. date 11/03/2015) inspe No. 342G; no defects noted. Next inspection due TT 2945.5	ection of fuel injection lines per AD	compliance (e) (1) (ii) and Lycoming MSB ctor lines,	Name and Administration of the Indian						
idan da san Grandia	 Complied with AD 2015-19-07 (Eff. date 11/03/2015) insper No. 342G; no defects noted. Next inspection due TT 2945.5 → Replaced Brackett induction air filter (P/N: BA-10). 	ection of fuel injection lines per AD	compliance (e) (1) (ii) and Lycoming MSB ctor lines.	Name and Adapt Comm						
ike jerne (de ma	 Complied with AD 2015-19-07 (Eff. date 11/03/2015) inspection. No. 342G; no defects noted. Next inspection due TT 2945.5 → Replaced Brackett induction air filter (P/N: BA-10). → Inspected exhaust; no defects noted. 	ection of fuel injection lines per AD	compliance (e) (1) (ii) and Lycoming MSB ctor lines.							
	 Complied with AD 2015-19-07 (Eff. date 11/03/2015) insper No. 342G; no defects noted. Next inspection due TT 2945.5 → Replaced Brackett induction air filter (P/N: BA-10). 	ection of fuel injection lines per AD (1 or whenever work is done on injection)	compliance (e) (1) (ii) and Lycoming MSB ctor lines.							
	 Complied with AD 2015-19-07 (Eff. date 11/03/2015) inspersor. No. 342G; no defects noted. Next inspection due TT 2945.5 Replaced Bracket induction air filter (P/N: BA-10). Inspected exhaust; no defects noted. Retorqued rocker covers. Cleaned engine. Performed ground run ops checks and leaf 	ection of fuel injection lines per AD (1 or whenever work is done on inject or whenever work is done or or whenever work in the whole whenever work is done or whenever work i	ctor lines.							
	Complied with AD 2015-19-07 (Eff. date 11/03/2015) inspersor No. 3426; no defects noted. Next inspection due TT 2945.5 Replaced Bracket induction air filter (P/N: BA-10). Inspected exhaust; no defects noted. Retorqued rocker covers. Cleaned engine. Performed ground run ops checks and leaf I certify that this ENGINE has been inspected in accordance with	ection of fuel injection lines per AD (1 or whenever work is done on inject or whenever work is done or or whenever work in the whole whenever work is done or whenever work i	ctor lines.							
	 Complied with AD 2015-19-07 (Eff. date 11/03/2015) inspersor. No. 342G; no defects noted. Next inspection due TT 2945.5 Replaced Bracket induction air filter (P/N: BA-10). Inspected exhaust; no defects noted. Retorqued rocker covers. Cleaned engine. Performed ground run ops checks and leaf 	ection of fuel injection lines per AD (1 or whenever work is done on inject or whenever work is done or or whenever work in the whole whenever work is done or whenever work i	ctor lines.							

N8535Y Lyc. O-320-B1A	r Repair	YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SET Description of Inspections, Tests, Repairs and Alterations Entries must be endorsed with Name, Rating and Certificate Number of Technician or Repair 06/23/2021 N8525V To Local Certificate Number of Technician or Repair
L-3652-55A 2845.51 TSOH: 71.91 W18-3232		DATE			06/23/2021 N8535Y Tach: 2847.91 TSMOH: 74.31
08-01-2018		-	0 1		Change oil and filter. Service with 7 quarts Philips 20W50XC and new CH48108-1 filter. Cut old filter for inspection, no contaminates found. Clean and gap place.
A30 MM checklist as a guide. Ine with 7 quarts 20W50 Phillips XC.					Re-safety propellers with 041 with 1941 with 1
empliance (e) (1) (ii) and Lycoming MSB or lines.					Secure EGT wiring. Replace fuel line to spider. Replace fuel flow pressure line. Compressions: #1: 77/80, #2: 76/80, #3: 78/80, #4: 75/80. Engine run for leak and ops checks.
nined to be in airworthy condition.					I certify this engine / propeller has been inspected in accordance with an annual inspection and determined
					HAIR M KASUS
					Dale M Kraus 229048334IA

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE		r Repair
ATE					
				6/12/2022 TSMOH: 108.88 TTAF: 2882.48 N8535Y Complied with an Annual Inspection IAW FAR 43 App D. Cleaned and gapped plugs. Compressions were #1 75/80, #2 71/80, #3 75/80, #4 71/80. Checked mag timing, Inspected exhaust. I certify the L/H engine has been inspected IAW an Annual Inspection and has been found to be in an airworthy condition. Michael F Carothers A&P IA 3192715	
				mul 3 mil	
-					

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE
DATE			
			V-10-22-22-2