Right



The Standard

Ø ENGINE LOG

ASA-SE-T

	1	QUANTTY	PART NUMBER	DESCRIPTION	SALE	Total Audation Inc.	540-967-5380	ENVOICE / WORK ORDER	
YEAR:	RECOR	2	18A19441	Bearing		Triad Aviation, Inc.	FAX 540-967-5381	NO. 17887	
	TACH	4	T8D19394	Bearing		FAA Repair Station #PP4R448M	CELL	NO. 1/00/	nnician or Repair
	TIME	8	18M19388	Bearing		3439 South Aviation Drive	MAKE	DATE	1
	TIME	1	13519646	Gear		Burtington, NC 27215	LYCOMING	5/11/2009	
	1	1	STD2246	Bolt	-		MODEL	WRITTEN BY	1
DATE		1	61084	Spring		Telephone (336) 227-1467	IO-320-B1/	O.R.	
				Ring	-	NAME MERIDIAN AIR	REGISTRATION NO.	P.O. NO.	1
	1		LW16266-23-3		-	MERIDIAL AIR	in the state of th	TACHOMETER	
	1			Hose		335 INDUSTRIAL DRIVE	SERIAL NO.		
	-			Hose		LOUISA, VA 23093	L-3652-55/		
	1			Hose					1
			68759	Tube		INSTRUCTIONS/WOR	K DESCRIPTION	Subjet Labor	
			68760	Tube		Overhaul (1) Lycoming IO-320-B1A engine S/N L-3652-55A	1.1662.854	I	
			68761	Tube		Overhauled and test ran.	L-John-John		1
				Valve					1
			78927	Bolt		Camshaft Kit- installed new P/N O5K22754 from			
_	+		LW12186	Nut		Cylinder- (4) installed new P/N O5K21100 from L	ycoming wo# 95269/995272.		1
				Bushing		Magneto- P/N BL500514-1 S/N D09EA001R & D			1
				Button	-	Starter- P/N MZ4222 S/N 11Z000235 overhaul by			1
		4	LW13790	Shaft					
		6	LW16266-10-7	5 Clamp		Tach Shaft- P/N 76121 S/N 12072 repaired by AS			1
	10.00	6	LW16266-10-1	3 Clamp		Fuel Injector- P/N 2524145-11 S/N 9163 overhaul	ed by AFS wo# 91471.		1
		1	69371-1	Gasket Set		Flow Divider- P/N 2524218-2 S/N 970L overhaule	d by AFS wo# 91472		1
	1	T	M2364	Harness		Nozzle- P/N 2524864-2 overhauled and flow tested			1
		8	UREM38E	Spark Plug			per CMM futili 13-341E daled 0-1-63 by 17		1
		1	65K19423-S	Gear Kit		wo# 91473.			1
			78531	Body		CW AD 96-09-10 C to prevent oil pump failure du	e to impeller failure CW PER SB 524		
				Fuel Pump		INSTALLLED GEARS KIT P/N O5K19423-S. CW	AD 96-23-83 to prevent an inflight engine		1
				Bushing		failure due to fuel starvation CW INSTALLED FAG	CTORY NEW FUEL PUMP I W 15473 CW		1
				Nut					
				LockPlate		AD 2004-10-14 C to prevent loosening or failure of			1
				Push Rod Assembly		retaining bolt CW PERSB 475C. CW AD 2008-14]
				Bolt		injector fuel lines that would allow fuel to spray in	to the engine compartment CW PER .		
	-		STD2231	Ring		SB 342E.			
		-							
				TOTAL			BASIC ENGINE		
			MISCEL	LIANEOUS PARTS		I hereby authorize the following work to be done along with the			1
						necessary material, and hereby grant you and/or your employees	TOTAL PARTS		
	-	This engine and/or component is approved for return to service. All pertinent details on file this repair station.				permission to operate and By the aircraft herein described for the purpose of testing and/or inspection. An express mechanic's lien is			1
						purpose of testing and/or inspection. An express mechanics sense Thereby adknowledged on above aircraft to secure the amount of	MISCELLANEOUS PARTS		
					nd w	repairs thereto.			
		THE ASSESSMENT OF THE PARTY OF		You will not be held responsible for lose or demage to the aircraft or	DELIVER OUR TRUCK				
		PP4R448		1	dela.	articles left at the aircraft in case of fire, theft, or any other cause			
		Signed:	101 Albert	Y Merry Date	510110	beyond your control.	TAX		
	1	-	STATE OF THE PARTY NAMED IN			X	TOTAL		

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
at this repair station under work order #17887

MAKE Lycoming	
S/N L-3652-55A	
темон 000.00	

Lycoming

MODEL IO-320-B1A 2761.10 TOTAL TIME

TBO __2000



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

Money Meshey Authorized Signature

YEAR:	RECORDING TACH TIME	TODAY'S 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	YEAR:
DATE	ATE			Facility. (See back pages for other specific entries.)	DATE
oil R 1 cor	pressure 8 50 RPM. (nponent is IAD AVIA	7 lbs, oi Compres approv	I tempera ssion test red for re INC. FAA	B1A engine S/N L-3652-55A for 2 hours 15 minutes, RPM 2700, ture 168 degrees, CHT 320 mag check at 2100 RPM, L 150 RPM, cylinder #1 77/80 #2 75/80 #3 77/80 #4 78/80. This engine and/or eturn to service. All pertinent details on file this repair station: A REPAIR STATION# PP4R448M. WO# 17887. Date 5-28-09	
1000					

YEAR:	RECO TACH TIME	MERIDIAN AIR GROUP	N#: Model:	8535Y Lyc. 10-320	0-B1A	tions er of Technician or Repair
DATE	TIME	335 Industrial Drive	S/N:	L-3652-55A	4	
DATE	+-	Louisa VA 23093	Tach:	2761.10	TSMO: 0.00)
		540-967-5339	WO:	W09-0299		
			Date:	09/01/10		
		Right Engine				
		Reinstalled engine following overhaul on N8 position. Serviced engine with 8 quarts 80V controls. Performed ground run ops checks and mixture. Complied with AD 2008-14-07 noted; next due TT 2861, SEP 2011 or when	Aeroshell Mineral. R no defects noted. Ad Fuel injector lines by	igged and secu ljusted engine i inspection; no	red engine idle speed	
		I certify that this ENGINE has been inspected determined to be in airworthy condition.	l in accordance with an	Annual Inspec	ction and was	
		Martin Dodson Martin Dodson				
		A&P/IA 230869136				

0, 1, or n:

-					or Repair
1	MERIDIAN AIR GROUP	Registration #:	N8535Y		
		Model:	Lycoming IO-3	20-B1A	
_ (Culpeper Regional Airport	S/N:	L-3652-55A		
1	12539 Beverly Ford Road	Tach:	2802.52	SMOH: 28.92	
_ /	Brandy Station, VA 22714	W/O#:	W11-0914		
-	540-825-9711	Date:	02/06/2012		
- 1	Right-Hand Engine				
_ C	Complied with an Annual Inspection in accordance with Drained oil. Removed filter and inspected; no metal not Cleaned, gapped and tested spark plugs. Reinstalled with as follows: #1 76/80, #2 68/80, #3 76/80, #4 69/80. Cor	ed. Installed new filter and service th new gaskets. Checked magneto nplied with AD 2011-26-04 (Eff. d.	d engine with 7 qu to engine timing. ate 01/25/2012) to	arts 20W50 Phillips XC. Compressions checked prevent failure of the	
— C — a fi — 2	Drained oil. Removed filter and inspected; no metal not Cleaned, gapped and tested spark plugs. Reinstalled wit	ed. Installed new filter and service th new gaskets. Checked magneto nplied with AD 2011-26-04 (Eff. d dance with Lycoming MSB 342F; n hever occurs first. Replaced induct	d engine with 7 qu to engine timing. ate 01/25/2012) to o defects noted, ne tion air filter. Inspe	arts 20W50 Phillips XC. Compressions checked prevent failure of the ext inspection due TT	
— a ff	Drained oil. Removed filter and inspected; no metal not Cleaned, gapped and tested spark plugs. Reinstalled wit as follows: #1 76/80, #2 68/80, #3 76/80, #4 69/80. Con fuel injector lines – complied with by inspection in accor 2918.01 or whenever work is done on injector lines which defects noted. Cleaned engine. Performed ground run defects noted.	ed. Installed new filter and service th new gaskets. Checked magneto nplied with AD 2011-26-04 (Eff. d dance with Lycoming MSB 342F; n hever occurs first. Replaced induct ops checks and leak checked; no d	d engine with 7 qu to engine timing. ate 01/25/2012) to o defects noted, ne tion air filter. Inspe efects noted.	arts 20W50 Phillips XC. Compressions checked prevent failure of the ext inspection due TT ected exhaust; no	
- C - a - fi - 2 - d - d - d - d - d - d - d - d - d	Drained oil. Removed filter and inspected; no metal not Cleaned, gapped and tested spark plugs. Reinstalled wit as follows: #1 76/80, #2 68/80, #3 76/80, #4 69/80. Con fuel injector lines – complied with by inspection in accor 2918.01 or whenever work is done on injector lines whic!	ed. Installed new filter and service th new gaskets. Checked magneto nplied with AD 2011-26-04 (Eff. d dance with Lycoming MSB 342F; n hever occurs first. Replaced induct ops checks and leak checked; no d	d engine with 7 qu to engine timing. ate 01/25/2012) to o defects noted, ne tion air filter. Inspe efects noted.	arts 20W50 Phillips XC. Compressions checked prevent failure of the ext inspection due TT ected exhaust; no	

YEAR:

DATE

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			14053514		or Rep
TE	MERIDIAN AIR GROUP	Registration #: Model:	N8535Y Lycoming IO-3.	20-R1A	
	Culpeper Regional Airport	S/N:	L-3652-55A	20-017	
	12539 Beverly Ford Road	Tach:	2818.01	SMOH: 44.41	
	Brandy Station, VA 22714	W/O#:	W13-1191		
-	540-825-9711	Date:	05/23/2013		
_	Right-Hand Engine				bu-n-
	Complied with an Annual Inspection in accordance w Drained oil. Removed filter and inspected; no metal Cleaned, gapped and tested spark plugs. Reinstalled	noted. Installed new filter and service with new gaskets. Checked magneto	d engine with 7 qu to engine timing.	uarts 20W50 Phillips XC. Compressions checked	
_	Drained oil. Removed filter and inspected; no metal	noted. Installed new filter and serviced with new gaskets. Checked magneto Complied with AD 2011-26-04 (IEff. decordance with Lycoming MSB 342F; now hichever occurs first. Replaced induction.	d engine with 7 qu to engine timing. ate 01/25/2012) to b defects noted, no ion air filter. Inspe	uarts 20W50 Phillips XC. Compressions checked prevent failure of the ext inspection due TT	
	Drained oil. Removed filter and inspected; no metal of Cleaned, gapped and tested spark plugs. Reinstalled as follows: #1 79/80, #2 64/80, #3 78/80, #4 69/80. If the linjector lines – complied with by inspection in ac 2918.01 or whenever work is done on injector lines with defects noted. Cleaned engine. Performed ground referring that this ENGINE has been inspected in according to the complex of the complex	noted. Installed new filter and services with new gaskets. Checked magneto Complied with AD 2011-26-04 (IEff. decordance with Lycoming MSB 342F; no whichever occurs first. Replaced induction ops checks and leak checked; no decordance with the complex checked and leak checked.	d engine with 7 qu to engine timing. ate 01/25/2012) to o defects noted, no cion air filter. Inspe efects noted.	uarts 20W50 Phillips XC. Compressions checked prevent failure of the ext inspection due TT ected exhaust; no	
	Drained oil. Removed filter and inspected; no metal of Cleaned, gapped and tested spark plugs. Reinstalled as follows: #1 79/80, #2 64/80, #3 78/80, #4 69/80. If the linjector lines – complied with by inspection in acceptable or whenever work is done on injector lines with defects noted. Cleaned engine. Performed ground reference in the line of the lin	noted. Installed new filter and services with new gaskets. Checked magneto Complied with AD 2011-26-04 (IEff. decordance with Lycoming MSB 342F; no whichever occurs first. Replaced induction ops checks and leak checked; no decordance with the complex checked and leak checked.	d engine with 7 qu to engine timing. ate 01/25/2012) to o defects noted, no cion air filter. Inspe efects noted.	uarts 20W50 Phillips XC. Compressions checked prevent failure of the ext inspection due TT ected exhaust; no	

			Danais
MERIDIAN AIR GROUP	0	MARACH	or Repair
THE THE AIR GROOP	Registration: Model:	N8535Y	
Culpeper Regional Airport	s/N:	Lyc. O-320-B1A	
12539 Beverly Ford Road	ACTT:	L-3649-55A	
Brandy Station, VA 22714	WO#:	2831.58 TSOH: 57.98	
540-825-9711	*****	W14-1092	
3.0 023 3777	Date:	07-15-2015	
Right-Hand Engine			
 Complied with an Annual Inspection in accordance with 14 CFR Drained oil. Removed filter and inspected; no metal noted. Inst 	talled new filter and serviced engine wit	AM checklist as a guide. th 7 quarts 20W50 Phillips YC	
 Drained oil. Removed filter and inspected; no metal noted. Inst Cleaned, gapped and tested spark plugs. Reinstalled with new graph Retimed magneto to 25° BTDC. Compressions checked as follows: #1 79/80, #2 72/80, #3 77/80 Complied with AD 2011-26-04 — to prevent failure of fuel in accordance with Lycoming MSB No. 342F. Next inspection of Replaced induction air filter. 	talled new filter and serviced engine wigaskets.), #4 76/80. jection lines by inspection of fuel inj	th 7 quarts 20W50 Phillips XC.	
 Drained oil. Removed filter and inspected; no metal noted. Inst Cleaned, gapped and tested spark plugs. Reinstalled with new grade Retimed magneto to 25° BTDC. Compressions checked as follows: #1 79/80, #2 72/80, #3 77/80 Complied with AD 2011-26-04 — to prevent failure of fuel in accordance with Lycoming MSB No. 342F. Next inspection of Replaced induction air filter. Inspected exhaust, no defects noted. 	talled new filter and serviced engine wigaskets. D. #4 76/80. jection lines by inspection of fuel injude 100-hours, TT 2931.58 or whence	th 7 quarts 20W50 Phillips XC.	
 Drained oil. Removed filter and inspected; no metal noted. Inst Cleaned, gapped and tested spark plugs. Reinstalled with new graph Retimed magneto to 25° BTDC. Compressions checked as follows: #1 79/80, #2 72/80, #3 77/80 Complied with AD 2011-26-04 — to prevent failure of fuel in accordance with Lycoming MSB No. 342F. Next inspection of Replaced induction air filter. 	talled new filter and serviced engine wigaskets. a), #4 76/80. jection lines by inspection of fuel injuided to the linguistic or when t	th 7 quarts 20W50 Phillips XC. ection lines (LH and RH engines) in ever maintenance is done on injector	

YEAR:	MERIDIAN AIR GROUP	Registration:	N8535Y		
		Model:	Lyc. O-320-B1A		r Repa
	Culpeper Regional Airport	S/N:	L-3649-55A		· · · · · · ·
DATE	12539 Beverly Ford Road	ACTT:	2841.2 TSOH:	67.6	
	Brandy Station, VA 22714	WO#:	W16-2878		
	540-825-9711	Date:	11-10-2016		
	Right-Hand Engine		_		
	→ Complied with an Annual Inspection In accordance with 14 C	FR Part 43 Appendix D using Piper	PA30 MM checklist as	a guide.	
	 Drained oil. Removed filter and inspected; no metal noted. Cleaned, gapped and tested spark plugs. Reinstalled with ne 		igine with 7 quarts 201	W50 Phillips XC.	
	Compressions checked as follows: #1 73/80, #2 63/80, #3 73				
	+ Removed rocker covers and staked valves #2 (71/80) and #4		or cover with new co	akata nalastallad	
	and torqued plugs and secured leads.	(70/00) Cylinders. Reinstalled fock	rei coaeiz mini tiem Ra	skets, reinstalled	
	→ Complied with AD 2015-19-07 – to prevent failure of fuel injection	ection lines by inspection of fuel in	jection lines in accord	neo with I veomine	
	MSB No. 342G. Next inspection due TT 2941.2.	ruer in	ection lines in accord	ince with racothing	
-	→ Replaced induction air filter.				
	→ Inspected exhaust; no defects noted.				
	→ Installed missing hardware on inboard baffle.				
	→ Removed inboard interconnect rod; cleaned threads and rein	stalled rod and secured hardware			
	→ Replaced support clamps on breather tube and secured hard				
	→ Replaced supporting alt air control cable clamps and secured				
	→ Replaced missing grommet on fuel hose at engine baffle.				
	→ Cleaned engine. Performed ground run ops checks and leak	checked; no defects noted.			
	I certify that this ENGINE has been inspected in accordance with	an Annuol Inspection and was dete	ermined to be in airwo	rthy condition.	
	Signature: Math Dodge A&P/IA 3664335				
	ARP/IA 3004333				

epair

MERIDIAN AIR GROUP	Registration: Model:	N8535Y Lyc. O-320-B1A		n or Repair
Culpeper Regional Airport	S/N:	L-3649-55A		
12539 Beverly Ford Road	ACTT:	2845.51 TSOH:	71.91	
Brandy Station, VA 22714	WO#:	W18-3232		
540-825-9711	Date:	08-01-2018		-
Right-Hand Engine				
→ 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 er	ngine with 7 quarts 20\	WSO Phillips XC.	
Cleaned, gapped and tested spark plugs. Reinstalled with r	new gaskets.			
→ Compressions checked as follows: #1 75/80, #2 66/80, #3 7	76/80, #4 64/80.			
→ Retorqued rocker covers.				
→ Complied with AD 2015-19-07 (Eff. date 11/03/2015) inspection.	ection of fuel injection lines per AD	compliance (e) (1) (ii)	and Lycoming MSB	
No. 342G; no defects noted. Next inspection due TT 2945.5	51 or whenever work is done on inje	ctor lines.		
→ Replaced Brackett induction air filter (P/N: BA-10).				
→ Inspected exhaust; no defects noted.				
Cleaned engine. Performed ground run ops checks and lead	k checked; no defects noted.			
I certify that this ENGINE has been inspected in accordance wit	h an Annual Inspection and was dete	ermined to be in airwo	rthy condition.	
11.5.1				
	20			
Signature: 72 A&P/IA 366433	55			

tion: N8535Y odel: Lyc. O-320-81A \$\frac{N}{N}\$: L-3649-55A CTT: 2845.51 TSOH: 71.91 VOW: W18-3232 Parte: O8-01-2018 g Piper PA30 MM checklist as a guide. wiced engine with 7 quarts 20W50 Phillips XC. per AD compliance (e) (1) (ii) and Lycoming MSB on injector lines.	n or Repair	VEAR:	RECORDING TACH TIME	FLIGH	and CH4810 contaminate Re-safety pro Compression Engine run nitrogen.	nd filter. Ser 08-1 filter. s found. Cle opellers with s: #1: 78/8 for leak an	Cut old filter an and gap plugs. n 041 wire. Replace 80, #2: 62/80, #3 d ops checks. Se	Phillips 20W50XC oil for inspection. No Set magneto timing. See fuel line to servo. To 76/80, #4: 65/80. The propeller with the been inspected in and determined	ber of Technician or Repair
was determined to be in airworthy condition.					Dale M Kraus	229048334	Kenst		

YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT	TOTAL TIME IN SERVICE	6/12/2022 TSMOH: 97.2 TTAF: 2882.48 N8535Y Complied with an Annual Inspection IAW FAR 43 App D. Cleaned and gapped plugs. Company	Repair	YEAR:	RECORDING TACH TIME	TODAY'S FLIGHT
ATE				Cleaned and gapped plugs. Compression were #1 75/80, #2	1 lopan	DATE		
	THE IT			71/80, #3 78/80, #4 71/80 Checked mag timing, Inspected				
				exhaust. I certify the R/H engine has been inspected IAW	-			
				an Annual Inspection and has been found to be in an airworthy condition.				
	A Complete			Michael E Carathore M. S. D. La De Carath				
				Michael F Carothers/A&P IA 3192715				
-				m o acc		-	-	
	N. Post							
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TOTAL TIME SERVI