YEAR 20 Date	MAKE: Lycoming MODEL: IO-360-MIA SERIAL # L-31929-51A	N # T.T.	2017 1	teration Number of fic entries
	The engine identified above was disassembled cleaned, inspected, A Major Overhaul. All work per Overhaul Manual 60294-7-14 Re IO-360-M1A rev. Feb. 2016. A details are on file at this facility in engine test cell. END	erformed, assembled and erformed with reference to the vertical series of log book and the control of log book and the log book and the log book and the log book and log book	o Lycoming [anual PC-(L)] k. All pertinent ne was test ran	
	DATE: April 15, 2024 SIGNED Line Makes FAA Repair Station T22R537Y	6105 Long Ph. (:	s Aircraft Engines Inc. Obispo Ave. Beach, Ca. 90805 562) 634-6120 562) 634-6129	
	RT. MAG STARTER P/N SERVO FLOW DIV. P/N	N 4347 N H4370 N 149-24LS N 2576568-1 N 2576564-1 N 62B26931	S/N K-08288 S/N H-Y010435 S/N HU121684 S/N 70843109 S/N AER0536 S/N 4323L0029	

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ACH FLIGHTIME 'S AIRCRAF	SERVICE T ENGIN		Entries must be Technician or NC. FAA I	pe endorsed with Na Repair Facility. (<i>Se</i>	ame, F e back	ts, Repairs and A Rating and Certificate a pages for other spec	Number of
4 DESCRIP	10-3			REPAIR STAT			
4 DESCRIP	10-3				ON	#T22R537Y	
	TION OTY		11A			929-51A	R/O 1299
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	BODY BEARING BEARING BEARING PLUNGER MAGENTO MAGNETO VALVE AS SPRING	BEARING 1 BEARING 1 BEARING 8 PLUNGER 8 MAGENTO 1 MAGNETO 1 VALVE ASSY 1 SPRING 4	BODY BEARING BEARIN	BODY BEARING AN565B1032H5 BEARING 1 10-821401-2 BEARING BEAR	BODY 4 AEL14077-1 PIN BEARING 1 AN565B1032H5 SETSCREW BEARING 1 10-821401-2 HARNESS BEARING 8 LW-16266-10-13 CLAMP PLUNGER 8 LW-16266-10-75 CLAMP MAGENTO 1 LW-18843 CAMSHAFT MAGNETO 1 MS35489-20X GROMMET VALVE ASSY 1 SL-STD-1211 PLUG SPRING 4 SL-STD-1821 HQSE	BODY 4 AEL14077-1 PIN 18 BEARING 1 AN565B1032H5 SETSCREW 1 BEARING 1 10-821401-2 HARNESS 1 BEARING 8 LW-16266-10-13 CLAMP 1 PLUNGER 8 LW-16266-10-75 CLAMP 3 MAGENTO 1 LW-18843 CAMSHAFT 8 MAGNETO 1 MS35489-20X GROMMET 1 VALVE ASSY 1 SL-STD-1211 PLUG 1 SPRING 4 SL-STD-1821 HQSE 1	BODY 4 AEL14077-1 PIN 18 STD-2090 BEARING 1 AN565B1032H5 SETSCREW 1 STD-2168 BEARING 1 10-821401-2 HARNESS 1 STD-2231 BEARING 8 LW-16266-10-13 CLAMP 1 STD-2246 PLUNGER 8 LW-16266-10-75 CLAMP 3 STD-2249 MAGENTO 1 LW-18843 CAMSHAFT 8 UREM40E MAGNETO 1 MS35489-20X GROMMET 1 72566 VALVE ASSY 1 SL-STD-1211 PLUG 1 75339 SPRING 4 SL-STD-1821 HQSE 1 LW-11485

YEAR 20 Date	REG TAI		TODAY'S FLIGHT	TOTAL TIME IN SERVICE	
	A	IRM PECIALTI	TIVE		1
	S	PECIALTI	ES, INC.		
					-
					-
	Aircraft S	Service, Struct	tures & Resto	rations	-
	7 (11 01 01 01				
	1.	Removed c	cowling.		
	2.			om aircraft.	
	3.	Removed a	all items not	needing to go	to
	4.	Shipped en	gine to Tim	's Aircraft eng	gin
	5.	Received c	ustomer sup	plied engine fi	ro
	6.	Received c	ustomer sup	plied propelle	r f
	7.	Cleaned an	d visually in	spected all ite	m
	8.	Installed en	ngine in airc	raft with new	Lo
		less exhaus	st system.		
	9.	Installed or	verhauled pr	op governor.	
	10.	Rigged mix	xture, throttl	e and prop cor	ıtr
	11		actomon or aring		

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.)

Date: Augu	ust 15, 2024		
AIRCRAFT	INFORMATION	Work Order	12431
Make	Lycoming	Tach	3815.9
Model	IO-360-MIA	ETSMOH	0
Serial #	L-31929-51A	ETT	2017.1
Reg. #	N139PS	ACTT	3815.9

- o the engine shop from the engine.
- nes for IRAN due to prop strike.
- m Tim's Aircraft Engines.
- from Sullivan Propeller.
- is removed from the engine and found to be airworthy.
- ord mounts and installed all items on engine and hooked up all items as needed
- rol.
- 11. Installed customer supplied new propeller, torque and safety as required.
- 12. Added 8 qt's Aero shell 100 and pre-oiled engine.
- 13. Cleaned, visually inspected, gaped and tested spark plugs.
- 14. Installed spark plugs.
- 15. Installed new customer supplied exhaust system.
- 16. Pre-oiled engine and installed spark plugs and leads.
- 17. Ran up the engine, set Max RPM, Idle mixture and Idle RPM. 18. Operational check engine and propeller and found to be in good operational order.
- 19. Installed cowlings.

I certify the above components and work listed above have been inspected as listed this date and found to be in airworthy

Signed

IA2896758

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Sign

	Al	RM ∳ TIV	'E	Date: Au	gust 15, 2024		· for ath
	SP	ECIALTIES, IN	C.		TINFORMATION	Work Orde	07 12424
-				Make	Diamond Aircraft Ind.	Inc. Tach	
				Model	DA 40	ACTT	3815.9
Air	raraft Sai	rvice, Structures & R	estorations	Serial #	40.518	AOII	3815.9
All	iciali Sei	vice, Structures & R	estorations	Reg. #	N139PS		
1.	Remo	oved cowling.					
2.		oved the engine f	rom aircraft				
3.					shop from the engine.		
4.	Shipp	ed engine to Tin	n's Aircraft	engines for IR AN	V due to prop strike.		
5.	Rece	ived customer su	pplied engin	e from Tim's Ai	reraft Engines		
6.	Recei	ived customer su	pplied prope	ller from Sulliva	n Propeller	7	
7.	Clear	ned and visually i	nspected all	items removed t	from the engine and found to be	a airreath.	
0	Y 1	led engine in air	seoft with			E AILW/ATINY	
8.	Instal	ioa ongine in ant	statt with ne	w Lord mounts a	and installed all items on engin	o an wormy,	11.4
٥.	less e	. I I I I I I I I I I I I I I I I I I I	rait with he	w Lord mounts a	and installed all items on engine	e and hooked up al	Il items as needed
9.	less e Instal	led overhauled p	rop governo	w Lord mounts a	and installed all items on engin	e and hooked up al	ll items as needed
9. 10.	less e Instal Rigge	led overhauled p	rop governor	w Lord mounts a r. control	and installed all items on engin	e and hooked up al	ll items as needed
9.	less e Instal Rigge Instal	led overhauled p ed mixture, thrott led customer sup	rop governor le and prop o	w Lord mounts a r. control.	and installed all items on engin	e and hooked up al	ll items as needed
9. 10. 11. 12.	less e Instal Rigge Instal Adde	led overhauled particle of mixture, throttolled customer supulation of the state of	rop governor le and prop opplied new proposed 100 and pro	w Lord mounts a r. control. ropeller, torque a re-oiled engine	and installed all items on enging	e and hooked up a	ll items as needed
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