

ENGINE MAINTENANCE RECORD

AIRCRAFT SERIAL AND REGISTRATION_	421005	N352TA
ENGINE MODEL AND SERIAL I 0- 550	N (37)	691656
D5518-3-13		409#2

INSTRUCTIONS

This record should be completed and maintained in accordance with FAA Federal Aviation Regulations 43.9, 43.11 and 91.173 and/or other prevailing government regulations.

NOTE: Record Service Bulletins and Airworthiness Directives in the back of this record as well as the Airframe Maintenance Record.

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ED SIGNATURE.

ICATE TYPE

JUMBER

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 are complied with at the time of overhaul. Pertinent details of this work are on file at this repair station under DATE 04/18/2014 21149 work order # MODEL ____ IO-550-N(37) MAKE _ Continental S/N 691656 TOTAL TIME ____ TBO ______2000 TSMOH $_{-0.00}$ Triad Aviation, Inc. FAA Repair Station #PP4R448M TRIAD **Burlington Municipal Airport** 3439 South Aviation Drive AVIATION Burlington, NC 27215 Authorized Signature 336-227-1467 Test ran Continental IO-550-N(37) engine S/N 691656 for 1 Hour 15 minutes, RPM 2300, oil

pressure 52 lbs, oil temperature 187 degrees, CHT 345. Mag check at 2100 RPM, L 120 RPM, R 120 RPM. Compression test cylinder #1 78/80 #2 78/80 #3 78/80 #4 75/80 #5 76/80 #6 78/80. This engine and/or component is approved for return to service. All pertinent details on file this

repair station: TRIAD AVIATION, INC. FAA REPAIR STATION# PP4R448M.

Thman Miluster Date: 04/18/2014

DATE

MAINTENANCE RECORD

ATE	TOTAL IN SER		GUNNITY	PART NUMBER	BEAUTION SET	AMOUNT	Triad Aviation, Inc.	(910) 367-3344 BBAR	WORK ORDER NO. 21149	AUTHORIZED SI CERTIFICATE	ETYPE
+	3223.10		12	55558	DEARING DOLT		FAA Repair Station SPP4R448M 3439 South Autotion Drive	GELL MAKE Continuous	DATE	& NUMB	ER
	HOURS	10THS	12	954-010 NAS1865-4	NOT		Burlington, NC 27215 Telephone (336) 227-1467	\$600KS. BO-550-N(37)B	WHITTENSY		
			16	636899 629164	RING		NAME Cape Fear Airworks	REGISTRATION NO. N352.14	P.O. NO.		
- 1			2	643629 641909	PLATE		Onk Island, NC 28465	SERIAL NO. 69165	TACHOMETER		
- 1			1	643626-183	PEN		PROTESTATIONS/WORK BEST	POINTER TO THE PARTY OF THE PAR			
		l		643626-104 643626-105 654587-44	PIN		Overhani Continetani IO-550-N(37)B engine S/N 6916	56.			
				EQ7191 656390	GASKET KIT SCREW		Overhoused and test rec. RAM Canada R- P/N 1058-1A				
- 1		1	#	CANCEL PROGRAM	WASHER SPRING		Cylinders-P/N EQ7369 new from Cont. Motors well 389 Magentos- (2) P/N BL-500556-1 S/N D13LA178R reliable	917 It by Cont. Motors wolf 377223 S/N			
- 1		1		255169 546414	COSMON		D14AA127R rebuilt by Cont. Motors wo# 380433 Fuel Injection System- P/N R-649053A5-2 Throttle Body	S/N A LACA 1978 Fuel Pump S/N			
			=	436414 436480	BUMPER		B14CA221R Flow Divider S/N C14CA209R minute by C	out. Motors wo# 393315			
			7	MS38756-8 534685	BEARING		Starter Shaft- P/N 655711 repaired by AS we# 220058 Starter Gear- P/N 652388 evertacled by AS we# 20815				
		1	-	X13041 641368 821649-3	BEARING BEARING		Connecting Red- (6) subassembly repaired by A5 we# 2: Counterweights- (2) P/N 639195 (2) P/N 639196 repaire	24225 d by AS wo# 224225			
				SA502187	RING	_	Starter- P/N 646275-1 S/N A411016 overtunied by Aero CW AD 2012-10-13 To prevent starter adapter gear shall				
			- 6	634150 633958-2 652956	SPRING SEAL BUSHING		starter adapter P/N 6420087.469				
			50	651421 652541	NUT		-	show to sendon. All sentences			
			- 33	MS20508-428 10-423674-31	NUT HARNESS	-	This engine and/or component is approved for re details on file this repair station. TRIAD AVIATION	ON, JMC) FAA REPAIR			
			-	GRIFFINE	SPARK PLUG		STATION & P. P. P. P. P. STATION & P.	Date: 04/18/2014			
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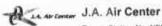
DATE NSERVICE HOURS 10THS DESCRIPTION OF THE WORK PERFORMED 910-367-3344 www.CapeFearAirworks.com Date: 8/9/2014 N352JA Hobbs: 812.8 h Drained oil and removed filter. Cut open filter and inspected, no discrepancies found. new CH48109-1 oil filter, safetied and serviced with 8 quarts of Aeroshell w100 oil. Pengine run and leak check found OK. Mechanic: A&P 3694900	Installed
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BRUNSWICK COUNTY AIRPORT, NC Date: 10/11/2014 N352JA Hobbs: 833.7	hrs.
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	HOURS	10THS		& NUMBER
			72-11 07073 2030	DATE 04 June, 2015
	MODEL 10- S/N 691656		Arconor J.A. Air Center	A/C TSN: 854 ENG TT: 854
REG NO	N352JA		Repair Station No. NF2R029L 43W730 US RT 30	TSMOH 90 HOBBS 854
NORKO	HUER: 40%	D-00-2015	Sugar Grove, Illinois 60554 Phone: 630 584 3200	110000
En elle.	Entrine			
Engine 2	e Entries Inspected		his engine in accordance with Cessna LC42-550FG Maintenance Manual Chapter 5-10-00 Tis	me limits and inspections, Chapter
	5-20-00 a	and Continental M	his engine in accordance with Cessna LC42-550FG Maintenance manual chapter 5-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0-0	e filter Serviced the engine with 8 Qts
	of Phillins	20W50 X/C oil	and a new AA48109 filter. See the following items for additional service and	
5	Replaced	Lleaking rocket (cover gaskets P/N 655705 on cylinders number two and four.	loaks
42	Removed	d oil galley plug u	under alternator mount and re tapped threads.Reinstalled plug with sealant and checked for	icuna
Maintena	ance Releas	10	and another properted in accordance with an annual inspection, and current regulations of the	e Federal Aviation Administration and was found
I certify to Airworth	the aircraft a y for return t	indfor component(s to service. Pertinen	s) on was repaired and/or inspected in accordance with an annual inspection, and current regulations of the details of the repair are an file at titls repair station ORS to ZROZEC and EARX 145 best under Work On	der No. 4045-05-2015, Dated 04 June, 2015
	04 June. 2		SIGNED Que Colahun	VVork Order, 4045-05-2015
Drive			Bruce Rebechini	Printed by EBis 3 (datcomedia.com)
			Certified Repair Station No. NF2R029L	1
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ENGIN	NE S/N: 6916	10-550-N(37) 656	J.A. Air Center	ĎATE: 29 January, 2016
ENGIN REG I	NE S/N: 6916 NO: N352JA	656	J.A. Air Center Repair Station No. NF2R029L	A/C TSN: 886.6 ENG TT: 886.6
ENGIN REG I	NE S/N: 6916 NO: N352JA	656 \	Repair Station No. NF2R029L 43W730 US RT 30 Sugar Grove, Illinois 60554	AC TSN 886.6 ENG TT: 886.6 TSMOH 122.6
ENGIN REG I WORK	NE S/N: 691 NO N352JA CORDER: 5	656 \ 007-01-2016	Repair Station No. NF2R029L 43W730 US RT 30	A/C TSN: 886.6 ENG TT: 886.6
ENGIN REG I WORK	NE S/N: 6916 NO N352JA CORDER: 5 Ine Entric	656 \ 0007-01-2016 es ed the oil and fill	Repair Station No. NF2R029L 43W730 US RT 30 Sugar Grove, Illinois 60554 Phone: 630 584 3200 Bef. Opened and inspected the filter for contaminants. Filled and submitted a Plantatora VIII.	A/C TSN: 886 6 ENG TT: 886 6 TSMOH: 122 6 HOBBS: 886 6
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Engi WORK	NE S/N: 6916 NO N352.JA CORDER: 5 INE Entrie Change Phillips Phance Relea	es d the oil and filtr 20W50 X/C and es e, appliance or con-	Repair Station No. NF2R029L 43W730 US RT 30 Sugar Grove, Illinois 60554 Phone: 630:584:3200 ser. Opened and inspected the filter for contaminants. Filled and submitted a Blackstone oil of a new AA48109 filter. Ground ran and leak checked. Imponent identified was repaired and inspected in accordance with current regulations of the Federal Aviation the repair are on file at this repair station CRS NF2R029L and EA6A 145:5424 under Work Order No. 500 SIGNED: Bruce Rebechini	AC TSN, 686.6 ENG TT, 886.6 TSMOH, 122.6 HOBBS, 886.6 sample. Serviced the engine with 8 Qts. of ion Administration and was found Airworthy for 07-01-2016, Dated 29 January, 2016. Work Order, 5007-01-2016
Engi WORK	ne Entrie Change Phillips mance Relei to service. P	es d the oil and filtr 20W50 X/C and es e, appliance or con-	Repair Station No. NF2R029L 43W730 US RT 30 Sugar Grove, Illinois 60554 Phone: 630 584 3200 ser. Opened and inspected the filter for contaminants. Filled and submitted a Blackstone oil of a new AA48109 filter. Ground ran and leak checked. Imponent identified was repaired and inspected in accordance with current regulations of the Federal Aviation the repair are on file at this repair station CRS NE2R029L and EA6A 145 5424 under Work Order No. 500 SIGNED:	AC TSN: 886 6 ENG TT: 886 6 TSMOH 122 6 HOBBS: 886 6 sample: Serviced the engine with 8 Qts. of
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Engi WORK	ne Entrie Change Phillips mance Relei to service. P	es d the oil and filtr 20W50 X/C and es e, appliance or con-	Repair Station No. NF2R029L 43W730 US RT 30 Sugar Grove, Illinois 60554 Phone: 630:584:3200 ser. Opened and inspected the filter for contaminants. Filled and submitted a Blackstone oil of a new AA48109 filter. Ground ran and leak checked. Imponent identified was repaired and inspected in accordance with current regulations of the Federal Aviation the repair are on file at this repair station CRS NF2R029L and EA6A 145:5424 under Work Order No. 500 SIGNED: Bruce Rebechini	AC TSN. 886.6 ENG TT. 886.6 TSMOH. 122.6 HOBBS: 886.6 sample. Serviced the engine with 8 Qts. of ion Administration and was found Airworthy for 07-01-2016. Dated 29 January, 2016. Work Order: 5007-01-2016

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ATE TOTAL THE	1		
ENGINE MODEL 10-		J.A. Air Center	DATE 01 July, 2016 A/C TSN 911 9
ENGINE S/N: 691656 REG. NO. N352JA		Repair Station No. NF2R029L	ENG TT 911.9 TSMOH. 147.9
WORK ORDER: 5439	-06-2016	43W730 US RT 30 Sugar Grove, Illinois 60554	HOBBS 911 9
		Phone 630 584 3200	
Engine Entries			
2 Inspected	and serviced this engine in accord	lance with Cessna LC42-550FG Maintenance Manus	al Chapter 5-10-00 Time limits and inspections, Chapter singual inspection. Compressions were tested as follows, #
1,73 #2-7	3 #3-73 #4-75 #5-76 and #6-73	all over 80 psi. The oil and filter was changed. Ope	ned and inspected the filter. Serviced the engine with 6 Uts
of Phillips	20W50 X/C oil and a new AA4810	9 filter. See the following items for additional service	and repairs.
 25 Installed n 	new push rod tube seals p/n 53461 855705 naskets. Assembly was ac	0 & 630286 for cylinders #2 & 4. Re-installed rocker complished as per T.C.M. Service Bulletin SB96-7C	shaft bolts with new 501868 lock washers and rocker covers
28 installed r	new gasket P/N MS35769-26 bene	ath the oil pressure relief valve housing. Torqued ho	using in accordance with SB96-7C
		Service Bulletin SB96-7C; para 31-18:	
 Maintenance Release Loently the aircraft an 	the control of the co	prinspected in accordance with an annual inspection, and co	urrent regulations of the Federal Aviation Administration and was found
Airworthy for return to	service. Pertinent details of the repair	ne on the attrice repair station CRS NF2R029L and EASA 145	5 5424 under Work Order No. 5439-06-2016. Deted 01 July. 2016.
DATE 01 July 20	16 SIGNED	1/4	Work Order: 5439-06-2016
	Jon Hilgenber	300	Printed by EBis 3 (datcomedia.com)
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ENGINE MODEL 10-5	550-N(37)		
ENGINE MODEL 10-5 ENGINE S/N: 691656	550-N(\$7)	A As Contor J.A. Air Center	DATE 25 April 20
ENGINE MODEL 10-5		J.A. Alr Center Repair Station No. NF2R029L	DATE 25 April 20 A/C TSN 94 ENG TT 94
ENGINE MODEL 10-8 ENGINE S/N 691656 REG NO N352JA		As As Conter Repair Station No. NF2R029L 43W730 US RT 30 Sugar Grove, Illinois 80554	DATE 25 April 20 A/C TSN 94 ENG TT 94 TSMOH 17
ENGINE MODEL 10- ENGINE SIN 691656 REG NO N352JA WORK ORDER 6457		A. Air Center Repar Station No. NF2R029L 45W/730 US RT 30	DATE 25 April 20 A/C TSN 94 ENG TT 94
ENGINE MODEL 10-9 ENGINE SIN 691656 REG NO N352JA WORK ORDER 6457- Engine Entries	-04-2017	Repar Station No. NF2R029L 43W730 US RT 3D Sugar Grove, Illinois 60554 Phone 630 584 3200	DATE 25 April 20 A/C TSN 94 ENG TT 94 TSMOH 17 HOBBS 94
ENGINE MODEL 10-S ENGINE SIN 691656 REG NO N352JA WORK ORDER 6457- Engine Entries 1 Changed th	-04-2017 he oil and filter. Opened and inspe	J.A. Air Center Repair Station No. NF2R029L 43W730 US RT 39 Sugar Grove. Illinois 60554 Phone 630 584 3200	DATE 25 April 20 A/C TSN 94 ENG TT 94 TSMOH 17 HOBBS 94
ENGINE MODEL 10-S ENGINE SIN 691656 REG NO N352JA WORK ORDER 6457- Engine Entries 1 Changed th	-04-2017	J.A. Air Center Repair Station No. NF2R029L 43W730 US RT 39 Sugar Grove. Illinois 60554 Phone 630 584 3200	DATE 25 April 20 A/C TSN 94 ENG TT 94 TSMOH 17
ENGINE MODEL 10-S ENGINE S/N 651656 REG NO N352JA WORK ORDER 6457 Engine Entries 1 Changed th 20W50 X/C	ne oil and filter. Opened and inspe C Phillips and a new AA48109 filte	Repair Station No. NF2R029L 43W730 US RT 30 Sugar Grove, Illinois 60554 Phone 630 584 3200 acted the filter for contaminants. Filled and submitteer, Ground ran and leak checked.	DATE 25 April 20 A/C TSN 94 ENG TT 94 TSMOH 17 HOBBS 94 ed a Blackstone oil sample. Serviced the engine with 8 Qts. of
ENGINE MODEL 10-S ENGINE SIN 691856 REG NO N352JA WORK ORDER 6457 Engine Entries 1 Changed to 20W50 X/C	ne oil and filter. Opened and inspect Phillips and a new AA48109 filte	J.A. Air Center Repair Station No. NF2R029L 43W730 US RT 30 Sugar Grove. Illinois 60554 Phone 630 584 3200 acted the filter for contaminants. Filled and submitted. Ground ran and leak checked.	DATE 25 April 20 A/C TSN 94 ENG TT 94 TSMOH T HOBBS 94 ed a Blackstone oil sample. Serviced the engine with 8 Qts. of
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ENGINE MODEL 10-550-N(37) ENGINE S/N. 691656 DATI WORK ORDER 6773-07-2017



Repair Station No NF2R029L 43W730 US RT 30 Sugar Grove, Illinois 60554 Phone: 630 584 3200

DATE 18 August, 2017 A/C TSN 973.8 ENG TT 973.8 TSMOH 209.6 HOBBS 973 B

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- Inspected and serviced this engine in accordance with Cessna LC42-550FG Maintenance Manual, Chapter 5-10-00 Time Limits and Inspections, Chapter 5-20-00 and Continental Motors IO-550-N Maintenance Manual, Inspection Requirements for an Annual Inspection. Compressions were tested as follows: # 1-72, #2-76, #3-75, #4-73, #5-76 and #6-71 all over 80 PSI. Minimum compression using master orifice was 43 PSI for the day. The oil and filter was changed. Opened and inspected the filter. Serviced the engine with 8 Qts of Phillips 20W50 X/C oil and a new AA48108-2 filter. See the following items for additional service and repairs
- Adjusted the engine idle mixture to correct spec.

I certify the aircraft and/or component(s) on was repaired and/or inspected in accordance with an annual inspection, and current regulations of the Federal Aviation Administration and was found. I certify the aircraft and/or component(s) on was repaired and/or inspected in accordance with an annual inspection, and current regulations of the Federal Aviation Administration and was found. I certify the aircraft and/or component(s) on was repaired and/or inspected in accordance with an annual inspection, and current regulations of the Federal Aviation Administration and was found. I certify the aircraft and/or component(s) on was repaired and/or inspected in accordance with an annual inspection, and current regulations of the Federal Aviation Administration and was found. I certify the aircraft and/or component(s) on was repaired and/or inspected in accordance with an annual inspection, and current regulations of the Federal Aviation Administration and was found. Administration and was found and current regulations of the repair are on file at this repair at a factor of the repair are on file at this repair at a factor of the repair are on file at this repair at a factor of the repair are on file at this repair at a factor of the repair are on file at this repair at a factor of the repair at a factor Work Order: 6773-07-2017 DATE 18 August, 2017 SIGNED Printed by EBis 3 (datcomedia.com) Bruce Rebechini Certified Repair Station No. NF2R029L

MAINTENANCE RECORD

DATE	DATE TOTAL TIME IN SERVICE		DESCRIPTION OF THE WORK PERFORMED	AUTHORIZED SIGNATURE. CERTIFICATE TYPE
	HOURS	10THS		& NUMBER
	-			