

ENGINE MAINTENANCE RECORDS

	Log No
Aircraft Registration No. No. Engine Manufacturer	ntinental
Model 10-550-16 Serial No. 573964	3-12A
Date installed on aircraft Time Between Overhauls (TE	30) 1700 Hours
If used on multi-	engine aircraft:
Right	☐ Left

Page No.

Page No	THE TIME IN	TOTALTIME	TACH OR	DESCRIPTION OF WORK PERFORMED—
DATE	TOTAL TIME IN SERVICE	SINCE	RECORDING METER TIME	SIGNATURE & CERTIFICATION NO. OF PERSON PERFORMING WORK

			1	T - 1	
		Total	Total	Tach or	
- 1		Time	Time	Recording	
1	Date	In	Since	Meter	
	Dute	Service	Overhaul	Time	
1	5/19/17	1611.0	0.0	1	



RAM Aircraft, Limited Partnership • Waco Regional Airport

CONTINENTAL IO-550-B-RA Engine S/N 573964

Above referenced engine overhauled to new parts limits per FAR 43.2(a)(1)(2) to conform w/ CMI M-16, Continental M-O. Standard Practice Maintenance Manual and I/A/W STC SE10746SC-D. Applicable AD's and Service Bulletins C/W at this time. All gears cleaned, polished when required, inspected, magnetic particle inspected, and no cracks found. Finish and dimensional limits within RAM Gear Inspection Specification No. 1818, Rev. N dated 04/20/2017, Installed new RAM camshaft p/n 1058-1A, s/n XD16138 as direct PMA replacement of Continental camshaft. Installed lifters p/n SA628488 int. p/n SA646277 exh. AD 10-11-04 n/a to lifter p/n installed. AD 97-26-17 c/w per installation of new VAR crankshaft p/n 649900. s/n N16EA155 per TCM CSB96-8. Ultrasonic inspection per MSB96-10B, due at next overhaul or when crankshaft removed. AD 99-19-01 c/w and found n/a per crankshaft date of manufacture I/A/W TCM MSB99-3C. AD 2000-23-21 N/A to crankshaft serial number/date of manufacture I/A/W TCM Mandatory Service Bulletin MSB00-5D. Engine assembled with overhauled Continental heavy style crankcase p/n 656619-6, s/n R08AA091. Installed new Superior Nickeled Cylinders. AD 88-17-03 is n/a per no air conditioning installed. SB09-4B Permold crankcase inspection N/A per no A/C installed. Installed overhauled oil cooler p/n 635996, s/n 480. Engine accessories exchanged for overhauled or new units with exception of prop governor, tach generator, alternator, and vacuum pump which were not installed per this work order. Slick magnetos p/n 6310 installed. Service Bulletin SB3-08A N/A to magneto serial numbers installed. SB1-12 Slick Points assy. N/A per S/N. MSB94-8D on magneto timing procedure c/w per timing to data plate TC degree requirements with TDC locator and protractor with pointer. P/N 652130 & 652131 rocker arms installed. Category 1 thru 3 CMI Service Bulletin Compliance Listing in RAM Manual. Installed RAM-FAA-PMA rocker arm cover gaskets p/n 1387-1. Installed RAM/FAA/PMA spring loaded induction clamps p/n 1170-2 and double clamp p/n 1170-5. Engine ground run on test stand per RAM specifications for a minimum of 2.25 hours. Engine run-in with Aeroshell 100 Mineral oil. See RAM Recommended Oil Grade Maintenance Tip MT-1 for recommended oils. Engine approved for return to service for the work performed. Engine preserved per Continental M-O, Standard Practice Maintenance Manual temp. storage up to 90 days. Pertinent details on file under Project No. 8417.

RAM Aircraft, Limited Partnership, P. O. Box 5219, Waco, Texas 76708 CRS VA1R551K

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		PSP-1M95-2, REV F, PATER 5/16/16 (682)
		SUB-TOTALS this page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATION NO. OF PERSON PERFORMING WORK
			(TOTALS brought forward from previous page
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1,444				Pilot Cetificate 278705802
			s	UB-TOTALS this page
			Т	OTALS—Carry forward to next page

Page No. DESCRIPTION OF WORK PERFORMED-TACH OR TOTAL TIME TOTAL TIME IN SIGNATURE & CERTIFICATION NO. OF PERSON PERFORMING WORK RECORDING SINCE DATE SERVICE METER TIME **OVERHAUL** TOTALS brought forward from previous page 1246 THAT THIS ENGINE HAS 1 CERTIF 27.25 87.25 1246 Service & with 90th Heroshell 1000 12-1-19 1283 N1070W Tach:1294.3 TSOH: 183.3 04/09/20 Performed Annual inspection. Comp 80/ 1/78 2/78 3/79 4/79 5/79 6/78. Cleaned & Gapped spark plugs. Cleaned Fuel injectors. Replaced vacuum pump PN# 242CW. Replaced instrument filters 2J4-7, D9-14-1 & B3-5-1. Made minor repair to left cowl flap. Adjusted left tail pipe. Adjusted idle. All Ad's C/W. I certify that this Engine has been inspected in accordance with An Annual Inspection and was determined to be in an airworthy condition **Rushing Aviation** 703 Airport Rd. Marks, MS 38646 IA3412822 1283 Replaced On/ Filter 1004

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	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATION NO. OF PERSON PERFORMING WORK
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				New Jon Office Co.
	N1070W Tach:1430.9			
	TSOH: 319.9 04/09/20			
	04/09/20			
	Perforr Cleaned & Gapp Adjusted left tai	ed spark plugs	s. Replaced 1e	np 80/ 1/79 2/76 3/78 4/77 5/79 6/79. a. Spark plug PN# RHB32E. Cleaned Fuel injectors.
	I certify An Annual Inspe	that this Engi ction and was	ne has been ir determined to	nspected in accordance with be be in an airworthy condition.
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	703 Airport Rd. Marks, MS 3864	5		1A3412822
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	Old	d Tach: 1444.8 /08/21		
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	Old 06,	Tach: 1444.8 /08/21 Installed	new tachome	D.O TSMOH: 338.8 eter PN# D1-112-5025. Operation normal.
6-10-21	Old 06,	Tach: 1444.8 /08/21 Installed shing Aviation Airport Rd.	new tachome	2.0 TSMOH: 338.8 Exter PN# D1-112-5025. Operation normal. Kevin Rushing A3412822 Changed Oak & Replaced Ciller
6-10-21	Old 06, Rus 703 Ma	Tach: 1444.8 /08/21 Installed shing Aviation Airport Rd.	new tachome	2.0 TSMOH: 338.8 Exter PN# D1-112-5025. Operation normal. Kevin Rushing A3412822 Changed Oak & Replaced Ciller
6-10-21 T	Rus 703 Ma	Tach: 1444.8 /08/21 Installed shing Aviation Airport Rd.	new tachome	2.0 TSMOH: 338.8 eter PN# D1-112-5025. Operation normal. Kevin Rushing A3412822 Charged Oth & Replaced Ciller

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