# THE STATE OF AIRCRAFT MAINTENANCE MAINTENANCE RECORD RECORD SYSTEM

AVIONICS MAINTENANCE RECORDS



# AVIONICS MAINTENANCE RECORDS

(including transponder biennial checks)

Aircraft Registration No.	N414LA
Aircraft Manufacturer	OFFINA KIKIH
Model 414 A	
Serial No. 414 A DO	
EQUIPMENT List all installed avionics, autopilor	
Model	Serial No.
	-
	AND CONTRACT OF THE PARTY OF TH



Mfg.
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2. \_\_\_
3. \_\_\_
4. \_\_\_

## AEROTECH PUBLICATIONS INC.

www.adlog.com PO BOX 1359 / SOUTHOLD, NY 11971-0965 (631) 765-9375 1-800-235-6444 FAX: (631) 765-9359 Log No.

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		43 Ot (73	uburban Aviation, Inc. 183 Section Road 184 Section Road 185 Section Road 186 MI 49267 34)856-6103 187 www.suburbanaviation.com
			Work Order: 09454
			Department: SHOP
			Sold To: Rimach Inc. 326 Patillo Rd. Tecumseh, ON N8N 2L9 CANADA
		73	
7.6			The state of the s
		Airc	craft Number: N414LA Type:CESSNA 414A S/N: 414A0077
		Eng	Total Time: 7,226.2 Hobbs Time: 806.2 Tach Time: 0.0 LG Cycles:
		A	TRIO-520-NB   276704-H   4,214-2   3AF32C515   980261   1,694.5
			crepancy: 1
		an CI cins instance in the cins in the cin	ompleted the 100hr Annual Inspection IAW the service manual and check list. AD's were checked per Adlog system. Elt spections per FAR 91.207(d), battery is due 2/28/2007. Checked the lights and serviced the battery. Serviced the wheel bearings and cleaned the brakes. Checked the controls and lubed. Jacked aircraft and completed retraction tests and greased fittings, leaned the aircraft. Replaced vacuum filters and regulator filters. Repaired co-pilot seat arm rest. Heater and air switch were researed the propellers, AD2005-14-11 Fast de-ice boots by replacing all fast type boots with normal boots, replaced 2 leads and sted system.  If Engine S/N:276704-H TSMOH:94.5 replaced 2 leads and sted system.  If Engine S/N:276704-H TSMOH:94.5 replaced the exhaust system and pulled tail pipe per AD2000-01-16. reprised the spark plugs, the fuel screens and air filter. Inspected the exhaust system and pulled tail pipe per AD2000-01-16. ght Engine S/N:278308-R replaced the engine controls. Cleaned the engine down and ground test ran. gine oil was not changed at this time. Compressions were 1-78, 2-78, 3-79, 4-77, 5-75, 6-78/80. Magnetos were at 21 degrees. Regine oil was not changed at this time. Compressions were 1-78, 2-78, 3-79, 4-77, 5-75, 6-78/80. Magnetos were at 21 degrees. Regine oil was not changed at this time. Compressions were 1-78, 2-78, 3-79, 4-77, 5-75, 6-78/80. Magnetos were at 21 degrees. Regine oil was not changed at this time. Compressions were 1-8, 2-78, 3-79, 4-77, 5-75, 6-78/80. Magnetos were at 21 degrees. Replaced the spark plugs, the fuel screens and air filter. Inspected the exhaust system and pulled tail pipe per AD2000-01-16. retrify this Aircraft, Engines and Propellers was inspected in accordance with an Annual Inspection and was determined to be in worthy condition.
6-07			11-04-2008, Gho Frest Faw 11-04-2008, Gho Frest Faw Frag 91. 201 (4) - 5A wo 09908 - Sufflin Da FRANCESO,
			THE CERT. Meyers Completed

DATE	AIRFRAME TIME IN SERVICE	AVIONIC TIME IN SERVIC	Suburban Aviation, In	c.	ON DE MORES	ATTENNESS TO THE PERFE		je NO.
	SERVICE	SERVIC	4383 Section Road Ottawa Lake MI 49267 (734)856-6103 www.suburbanaviation.com					
					Work Or	der: 10251		
					Departmen			
			Sold To: Rimach Inc.					
			326 Patillo Rd Tecumseh, ON N8	N2L9 Canada				
			Aircraft Number: N41	ILA	Type:CESSNA	114A	S/N: 414A0077	
			Total Time: 7, Eng# Type Si	402.5 Hobbs Ti	me: 982.5 Time Cycles	Tach Time:	0.0 LG Cycles: Prop S/N	Desa Tiese
			1 TSIO-520-NB 27	6704-H 8308-R	4,390.5 1,864.8	3AF32C515 3AF32C515	980261 980308	Prop Time 1,870.8 1,870.8
			Discrepancy: 1 Problem: 8/20/2007					
			Completed the 100hr Annual Insinspections per FAR 91.207(d), plug door . Serviced the wheel the and gear retraction checks, hydromotor and repaired the door closs trainers. JPI S/N:2075 was repengine alternate air control cable systems, AD2004-21-05 tested AD2004-25-16 R1 inspected the R1 both DNA.  Inspected, cleaned and dressed Left Engine Oil and filter change 74, 3-76, 4-76, 5-78, 6-78/80. Mr fluid hoses and mounts. Replacengine down.  Right Engine Oil and filter change 2-77, 3-77, 4-78, 5-77, 6-78/80. It the fluid hoses, mounts. Cleaned I certify this Aircraft, Engines and in airworthy condition.  Brian J. Eklund IA370744080	battery is due 1/31/2  battery is due 1/31/2  callic pressures che ser cylinder and mou aired and updated b  c. Cleaned the aircra the air switch and pi cheater fuel shut off  the propellers, test d, wear check sent it ags were at 20 degre and the wastegate value  ed, wear check sent dags wee at 20 degre ed, wear check sent dags wee at 20 degre ded the engine down.	Dog. Checked the light and replaced the broked. Greased the fit niting bracket. Replace in MFG and reinstalled fit. AD2000-01-16 preessure decay tested valve and is due at 23 and the de-ice and rein in, filter cut. Serviced wes. Serviced the sparlive with RAM overhatin, filter cut. Serviced ees. Serviced the sparlin, filter cut. Serviced ees. Serviced the sparlin, filter cut. Serviced ees. Serviced the sparlin, filter cut. Serviced ees. Serviced the sparling the serviced ees. Serviced the sparling the serviced the sparling that the serviced ees.	nts and serviced ake linings. Replaced ings. Replaced ings. Replaced in the service of the cabin doo. Checked the control of t	the battery. Replaced the a caced the nose tire. Aircraft the air conditioner conden r lower cable. Serviced the ontrols and lubed. Replace if inspected both engines a B/20/2009 or at 2331.9 Ho B. AD2006-03-08 and AD2006-03-08	aux power was jacked ser blower e fuel ed the right exhaust bbs time, 2007-04-19 ere 1-78, 2- controls, Cleaned were 1-75, s, checked
							165	
							0.4	

DATE	AIRFI TIM IN SERVICE	IN SERVE
	Marin Service	

MEYERS AVIONICS INC.

9/05/08 WO#006271 N414LA Cessna 414A SN-414A0077

The ATC Transponder tests and inspections required by FAR 91.413 have been performed this date and found to comply with FAR 43, Appendix F. Reference Phase Inspection #12.

Mfg King Model KT76A SN 117285

The Altitude Reporting system tests required by FAR 91.217 was performed in accordance with Appendix 1 of AC43.6A

The Static System tests and inspections required by FAR 91.411A were performed this date and found to comply with FAR 43, Appendix E.

Certified Pilot Altimeter PN-42540-6128 SN-117230 in accordance with FAR 43, Appendix E,(b).

Certified Standby Altimater PN-5934A SN-3D178 in accordance with FAR 43, Appendix E,(b).

Douglas Stuck

20311 Airport Road

Defiance OH 43512

CRS# OF5R091N

#### Suburban Aviation, Inc.

4383 Section Road Ottawa Lake MI 49267 (734)856-6103 www.suburbanaviation.com

Work Order: 11004

Department S

SHOP

Sold To: Rimach Inc. 326 Patillo Rd Tecumseh, ON N8N2L9 Canada

Aircra	ft Number:	N414LA	4	Type:C	ESSNA	414A	S/N: 414A0077	ar billigherin
Eng#	Total Time:	7,481.3 S/N	Hobbs Time	Time	061.3 Cycles	Tach Time: Prop Type	0.0 LG Cycles: Prop S/N	Prop Time
1 2 Airc	TSIO-520-NB TSIO-520-NB craft Comments:	276704-H 278308-R		4,469.3 1,943.6		3AF32C515 3AF32C515	980261 980308	1,949.6 1,949.6
Pro	pines TSMOH:349.6 pellers TSPOH: 907 Certification next du Battery Due Next:	ie:9/30/2010						

### Discrepancy: 1 Problem:

9/25/2008

Completed the Annual inspection IAW the service manual and check list. AD's were checked per Adlog system. Elt inspections per FAR 91 207(d), battery is due 1/31/2009. Checked the lights, replaced the tail beacon lamps and the tail nav lamp. Replaced the battery with a new Gill G-246 S/N: G02343456. Replaced the pilot side pilot tube due to a leak, system was tested and found to be tight. Tested the wing de-toe and the static and pilot heaters. Tested the cabin heater operation, Heater Hobbs: 2249.3 hr. Inspected the fuel regulator per AD2004-25-16 R1. Completed the fuel float valve tests per AD95-09-13 and replaced 3 cover seals. Due next at 1661.3 Hobbs time. Gear was greased and retraction checked, serviced the struts to correct pressures and serviced the tires. Serviced the wheel bearings and cleaned the brakes. Checked the controls and lubed. Cleaned the aircraft.

Cleaned the aircraft.

Left Propeller S/N:980308 TSPOH:907.8 hr Dressed blades, inspected the spinner and bulkheads, repaired the de-ice wires.

Right Propeller S/N:980261 TSPOH:907.8 hrs Dressed blades, inspected the bulkheads and spinner, repaired and tested the de-ice.

Left Engine S/N:276704-L TSMOH:349.6

Completed the engine oil and filter change, filter cut and wear check sent in. Serviced with Phillips 20/50 XC oil. Cleaned the engine down. Compressions were 1-76, 2-72, 3-89, 4-62, 5-78, 6-74/80. Magnetos were adjusted to 21 degrees, replaced the left mag gasket due to leaking. Cleaned the fuel screens and leak checked the lines and hoses. Serviced the air filter. Serviced the spark plugs and rotated. Completed the Exhaust system inspections and pressure test per AD2000-01-16. Engine was test ran.

Right Engine S/N:278308-R TSMOH:349.6

Completed the engine oil and filter change, filter cut and wear check sent in. Serviced with Phillips 20/50 XC oil. Cleaned the engine down. Compressions were 1-73, 2-79, 3-71, 4-78, 5-75, 6-78/80. Magnetos were adjusted to 21 degrees. Serviced the spark plugs and rotated. Serviced the fuel screens, leak tested fluid lines and hoses. Serviced the air filter. Completed the Exhaust system inspections and pressure test per AD2000-01-16. Engine was test ran.

I certify this Aircraft, Engines and Propellers were inspected in accordance with an Annual Inspection and was determined to be

in airworthy condition. Brian J. Eklund IA370744080

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE
16-01-10		
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CH	Jag.	gen
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SYSTEM, A GTX 330 MODE "S" TRANSPONDER, A GARMIN GMA 340 AUDIO SYSTEM, A INSTALLED A GARMIN GNS 530W NAV/COM/GPS, A GARMIN G600 FLIGHT DISPLAY AND FLIGHT CHECKED. THE AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. BALANCE AND EQUIPMENT LISTS WERE UPGRADED. ALL SYSTEMS WERE GROUND THE INSTALLATION WAS MADE IAW MFRS SPECS, STC'S, ACCEPTABLE METHODS AND GARMIN GDL 69 XM WEATHER RECEIVER, A GARMIN GA 35 AND GA 55 ANTENNA, AND TECHNIQUES AS OUTLINED IN AC 43.13-2A AND AC 43.13-1B. THE WEIGHT AND ALL ASSOCIATED WIRING, CONNECTORS AND CIRCUIT PROTECTION. TRANSPONDER AND ALL ASSOCIATED WIRING, CONNECTORS AND ANTENNAS. REMOVED A KING KLN 90B, KING KX155, ARC 400 RNAV, ARC400 DME, KING KT 76A

DATE	AIRFRAME TIME IN SERVICE	AVIONICS TIME IN SERVICE  DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
		FAR 91.413 THE ATC TRANSPONDERS AND INSPECTIONS AS REQUIRED BY FAR 91.413 WERE PERFORMED THIS DATE AND FOUND TO COMPLY WITH PART 43 APPENDIX F, AND APPENDIX E PARAGRAPH C.
		TRANSPONDER MAKE: MODEL: S/N: #1 Garmin GTX330 84/34669
		TRANSPONDER MAKE: MODEL: SIN:
		DATE: WO: JINSPECTOR: Ellington
		FAA APPROVED REPAIR STATION # QCCR-389K
		ALTIMETERS, ALTITUDE REPORTING EQUIPMENT AND STATIC PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL SPECIFICATIONS OF APPENDIX E OF PART 43
		9600 ALTIMETER CERTIFIED TO FEET STBY FEET
		30,000 30,000
		DATE: WIO INSPECTOR: KICHER C) Ellinator
		FAA APPROVED REPAIR STATION # QCCR-389K
		ALTIMETERS, ALTITUDE REPORTING EQUIPMENT AND STATIC PRESSURE SYSTEM HAVE BEEN CHECKED AND MEET ALL SPECIFICATIONS OF APPENDIX E OF PART 43
		Co. Pilot ALTIMETER CERTIFIED TO FEET RIGHT FEET
		30.000 S/N: 3D178 S/N:
		DATE: WIO INSPECTOR: Ellington  CAROLINA AVIONICS GROUP, LLC  FAA APPROVED REPAIR STATION # QCCR-389K
		FAA APPROVED REPAIR STATION # QCCR-309R
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