AIRCRAFT LOG
AF5-1

708 AM

INSTALLED EQUIPMENT

ITEM	MANUFACTURER	MODEL	SERIAL NO.
ENGINE	Acromotors	M14PF-XEDK	R RA041200Y L
ENGINE			R L
PROPELLER	Hartzell	HC-C3YR-1RLFX	A740798
PROPELLER			
ENGINE			
ENGINE			
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ENGINE			
PROPELLER			
PROPELLER			
ENGINE			
ENGINE			
PROPELLER			

MAINTENANCE RECORD
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
9/21/2010		I Have inspected this aircraft For conditional and having constracted it For the educational and Recreation, and Having completed all Required inspection and tests have determind. It to Be in condition For Safe operation Andrew Monro Andrew Monro	

MAINTENANCE RECORD
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE

I have determined that this aircraft has been inspected this aircraft for condition and have found it to meet minimum requirements and to be in condition for safe operation. Issued FAA Form 8130-7 and operating limitations dated OCT 14 2010 **for the purpose of** amateur-built **aircraft operations.**

Henry K. Cooper
Senior Aviation Safety Inspector
ANE-MIDO-44

OCT 14 2010

MAINTENANCE RECORD
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		I certify that this aircraft has been inspected on 6/15/" in accordance with the scope and detail of appendix D part 43 and was found to be in a condition for safe operation. Aircraft total time. 5-4 hr Andrew Monro Cert. # 3653165 Andrew Monro	
6/15/"	5-4	adjusted valve Clearance and leak checked - changed engine oil.	A. Monro 3653165
5/13/13	6-9	changed ignition wire from old rubber wire to new silcone wire	A. Monro 3653165

MAINTENANCE RECORD
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
8/30/13	8-9	checked valve clearance	CE: Monro 3683165
		and replaced valve gaskets	
		with new silcone gaskets	
		Overhauled M-9-35n magneto	
		S/N 5166200220 and reinstalled	
		Overhauled M-9-35n magneto	
		S/N 1918000020 and reinstalled	

I certify that this aircraft has been inspected on 8/30/13 in accordance with the scope and detail of appendix D part 43 and was found to be in a condition for safe operation.

Aircraft total time. 8-9

Andrew Monro Cert. # 3653165

Andrew Monro

MAINTENANCE RECORD
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
11/15/13	15-6	Sent M-9-35M magneto	
		S/N 5766200220 for (U.S. Rewind)	
		update and reinstalled	Amber Mow
			3653165
		Sent M-9-35M magneto	
		S/N 1918100020 for (U.S. Rewind)	
		update and reinstalled	
9/15/15	21-5	Removed tail wheel	
		and corrected for proper	
		alignment. Reboshed	Amber Mow
		tail wheel for bad bearings	3653165
		checked Rigging on aircraft.	
		installed tow bar attach-	
		ments. Completed	
		maintenance checks	

MAINTENANCE RECORD
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		I certify that this aircraft has been inspected on 9/15/15 in accordance with the scope and detail of appendix D part 43 and was found to be in a condition for safe operation. Aircraft total time. 21.5 Andrew Monro Cert. # 3653165 Andrew Monro	

MAINTENANCE RECORD
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
8/1/19	31.5	Aircraft was delivered to 3 in the green for paint on 3/1/19 and picked up and returned to service 8/1/19	A. Monro Cert # 3653165

I certify that this aircraft has been inspected on 8/01/19 in accordance with the scope and detail of appendix D part 43 and was found to be in a condition for safe operation.

Aircraft total time. 31.5

Andrew Monro Cert. # 3653165

MAINTENANCE RECORD
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
8/6/19	34.5	Removed defective Tach	
		Generator and replaced	
		with new part# 1A3-40MA	Andrew Moore
		off S/N B 1685	cert 3653165
		on S/N	
7/5/19	38.6	removed ABI-3219-00 pawl	
		installed ABI-3219-02 pawl	A Moore
		to increase wheel steering	cert 3653165
		from 30° to 45° before	
		Breakout to full caster	
9/25/19	40.2	I certify that the prescribed	flight test hours
		have been completed and the aircraft is controllable	
		throughout its normal range of speeds and throughout	
		all maneuvers to be excited, has no hazardous	
		operating characteristics or design features and is	
		safe for operation. The following aircraft	

MAINTENANCE RECORD
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
		operating data has been demonstrated during the flight test goals V_{so} 48 kt. at 3200 lbs and 14.9 inches	
		V_x 56 kt	
		V_y 70 kt	Amelia Moore 2809
3/18/20	~~54.5~~ 42.9	Removed bent Grove landing gear and reinstalled new Grove Landing gear. All Attachment points were inspected and checked for cracks with MagnaFlux. Replaced all Right brake and wheel parts with new grove wheels and brakes	
		1 60-3m wheel Assy	
		1 35-3m Caliper Assy	
		1 020-003 Torque Plate Assy	
		1 5016 Axle 600x6 1 1/2"	
		1 011-013 Hub cap	Amelia Moore 3653165

MAINTENANCE RECORD
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
4/16/20	~~54.5 am~~ 42.9	Removed and repaired right aileron per ac 43.13-1B Reinstalled counter weight according to Murphy aircraft manual	Charles Munro 3635165
5/2/20	~~54.5 am~~ 42.9	Removed and repaired Right wingtip Per ac 43.13-1B and reinstalled	Charles Munro 3635165
4/26/20	~~54.5 am~~ 42.9	Removed and repaired horizontal stabilizer Per ac 43.13-1B and reinstalled	Charles Munro 3635165

MAINTENANCE RECORD
F.A.R. 43.9

DATE OF COMPLETION	AIRCRAFT TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED OR APPROVED DATA USED	AGENCY & CERTIFICATE NO. WORK PERFORMED/RETURNED TO SERVICE
11/26/20	~~54.5 am~~ 42.9	Repaired and strengthened Right lower door post. per ac 43.13-1B also added Moose Mods ~~to~~ thicker doorpost skins.	Charles Moore 3653165
10/21/21	~~54.5 am~~ 42.9	added moose mods rear horizontal stabilizer strut braces	Charles Moore 3653165
1/8/22	~~54.5 am~~ 42.9	Repaired Right elevator horn per ac 43.13-1B	Charles Moore 3653165
3/5/22	~~54.5 am~~ 42.9	Removed both master cylinders and replaced removed matco MC-9a installed Grove 674-2	

INSPECTION RECORD
F.A.R. 43.11–91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION–STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
	installed new upper and Lower Brake lines	
	and serviced with 5606 Fluid.	
		Charles Monro 3653165
4/1/22	~~54.5~~ am	removed panel above left cargo door
	42.9	due to cracks and dents. Removed .020
		panel and replaced with stronger .032
		panel per ac 43.13-1B
		Charles Monro 3653165
4/30/22	~~54.5~~ am	painted panel above and struts white
	42-9	Charles Monro 3653165
5/20/22	~~54.8~~ am	Replaced all three Odyssey Batteries
	42.9	Charles Monro 3653165

INSPECTION RECORD
F.A.R. 43.11–91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION–STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
		I certify that this aircraft has been inspected on 6/20/22 in accordance with the scope and detail of appendix D part 43 and was found to be in a condition for safe operation. Aircraft total time. 42.9 Andrew Monro Cert. # 3653165
7/5/22	44.1	overhauled propeller at East Coast Propeller Service Inc Andrew C. Monro 3653165
7/5/22	44.1	overhauled falcon altimeter at Keystone Instruments Andrew C. Monro 3653165

INSPECTION RECORD
F.A.R. 43.11–91.409

	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION–STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
20-23	101.6	Installed GARMIN 430. Used Existing GPS Antenna And Coax. RS232 to GTX 327 for Alt. Input Audio ADS GPS checked Good. Tm with Ap2251361FA
1-10-23	119.1	I certify that this Aircraft has been inspected in accordance with the scope and detail of Appendix D, part 43 and found to be in a condition for safe operation. Jeffrey A+P3577623
8-23-24	155.7	I certify that this Airframe has been inspected in accordance with the scope and detail of Appendix D. part 43 and found to be in a condition for safe operation. Jeffrey A+P3577623
1-24	165.7	Installed Grove 10" wheels/31" Tires. Ops check + break-in. 3222648

INSPECTION RECORD
F.A.R. 43.11–91.409

DATE	AIRCRAFT TIME IN SERVICE	KIND OF INSPECTION–STATUS & DISCREPANCY LIST SIGNATURE — CERT. NO. OF PERSON APPROVING OR DISAPPROVING AIRCRAFT FOR SERVICE
2-1-26	181.1	I certify that this aircraft has been inspected in accordance with the scope and detail of Appendix D, part 43 and found to be in a condition for safe operation [illegible] A&P 3577623

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ENGINE LOG

M-14PF-XEDK ENGINE No. RA0412004

TO BE USED IN EXPERIMENT AT AIRCRAFT ONLY

DATE OF MANUFACTURE 01.04.2004

Manufactured by **AEROMOTORS / AEROSTAR GROUP**
BACAU - ROMANIA

5. RECORD OF INSPECTIONS, TESTS, REPAIRS AND ALTERATIONS

DATE	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 Facility. (See back pages for other specific entries.)
10-10-08	0		0	Installed in AL SR 3500 Moone - Solial number SR 231 Amber Moore
7-10-10	1.7		1.7	Test Ran Engine, checked For Leaks & adjusted Carbaretor Amber Moore
8-15-11	5.4		5.4	adjusted valve clearance - Ran - checked for leaks Amber Moore 3653165 changed engine oil
5/13/13	6.9		6.9	Changed ignition wire from old rubber wire to new silcone wire Amber Moore 3653165
8/30/13	8.9		8.9	Checked valve clearance and replaced valve gaskels with new silcone gaskels Amber Moore 3653165

DATE	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 Facility. (See back pages for other specific entries.)
8/30/13	8.9		8.9	Overhaled M-9-35M magneto S/N
				5166200220 and reinstalled
				Overhabled M-9-35M magneto S/N
				19181000220 and Reinstalled
				Aircraft Mmo 3653165
11/15/13	15.6		15.6	Sent M-9-35M magneto S/N 1566200220
				for (US Rewind) update
				Sent M-9-35M magneto S/N 19181000220
				for (U.S. Rewind) update
				Aircraft Mmo 3653165

7-10-23	114.1			Engine inspected in accordance with the scope and detail of Appendix D. of Part 43 and found to be in a condition for safe operation Joe Day A&P3577623
6-1-24	146.1		146.1	Changed engine oil and cleaned filter. Phillips 25W-60 X/C. 3222648 cm
8-23-24	155.7			Engine Inspected in accordance with the scope and detail of appendix D of Part 43 and found to be in a conditon for safe operation. Joe Day A&P3577623

DATE	RECORDING TACH TIME	FLIGHT	TIME IN SERVICE	Entries must be endorsed with Name, Rating and Certificate number of Technician or Repair Facility. (See back pages for other specific entries.)
2-1-24	181.1		181.1	Engine inspected in accordance with the scope and detail of Appendix D. of Part 43 and found to be in a condition for safe operation. All comps 76/80 or better. Changed Oil with Phillips 25W-60. ji (Oy A+P3577623

HARTZELL

PROPELLER
OWNER'S MANUAL

106 AM

BUILT ON HONOR

HARTZELL

HARTZELL PROPELLER INC.
PIQUA, OHIO U.S.A.

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC-C3YR-1RLFX

PROPELLER S/N A744079B

LOGBOOK #____



PROPELLER MAINTENANCE RECORD

Position _____

Propeller Model HC-C3YR-1RLFX

Propeller S/N A 74079 B

Blade Design FJ9587CX

Blade S/N's

No. 1 K16185

No. 2 K16180

No. 3 K16181

No. 4 _____

No. 5 _____

No. 6 _____

Spinner Assembly Part No. _____

PITCH RANGE

High/Feather 39.0° ± 1.0

Start Lock ———

Low 17.0° ± .2

Reverse ———

Aircraft Manufacturer _____

Aircraft Model _____

S/N _____

Registration _____

RECORDS | ND DE-ICE EMS | MAINTENANCE PRACTICES | INSPECTION AND

Date	Propeller TSN	Propeller TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
1/24/05	—	—	—	

HARTZELL PROPELLER, INC. **HARTZELL**

One Propeller Place
Piqua, Ohio 45356-2634 U.S.A.

PROPELLER MODEL # HC-C3YR-1RLFX
BLADE MODEL # FJ9587CX
SER NO. A740798
Was manufactured in accordance with
HARTZELL Drawing C-7437X Rev. A

PROPELLER IS NOT TYPE CERTIFIED

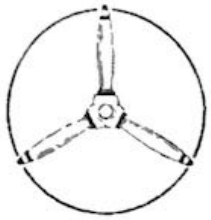
Signed John S Martin

Date 1-24.05

INSPECTION STAMP HP 92

END

4-15-2010			0.0	Installed in AC SR3500 Moose - Serial Number SR231
				s/n # SR231 Aerolec Mono
7/5/2022			44.1	Propeller was overhauled by
				East Coast Propeller Service Inc.
				Aerolec Mono 3653165



PRECISION PROPELLER SERVICE

4777 W AERONCA ST. BOISE, IDAHO U.S.A. 208-344-5161

Make: **Hartzell** Model: **HC-C3YR-1RLFX** S/N: **A74079B** TT: **Not provided** TSOH: **-0-**

DESCRIPTION OF WORK ACCOMPLISHED

Overhauled and reconditioned in accordance with Hartzell S/M's 113B-R50, 133C-R41, 202A (Volumes 1-R61, 2-R32, 3-R42, 6-R36, 7-R53, 8-R35, 9-R32, 10-R37, 11-R37). Made visual, dimensional, magnetic particle, and liquid penetrant inspections of all parts. Etched and penetrant inspected blade shanks and pilot bores. Eddy current inspected blade balance holes. Inspected blade shanks for conformity on optical comparator. Straightened tip of blade #1. Cut diameter to 95" due to tip damage. Recontoured blade leading edges and tips and reconditioned blades. Checked blade width and thickness. Set angles and face alignment. Cold rolled blade shanks. Shot peened blade pitch change knobs and hub bearing cavities. Anodized and painted blades and hub. Cadmium plated steel parts. Assembled prop with new seals. Set angles, track, and balance. Saftey wired. Complied with S/B 118F-R1, 136-RI, 374-R1. S/L 217, 267, 278, 293-R1, 348, 354. AD 2007-26-09.
Blade model FJ9587CX Dia Red 0.5 Blade S/N's K16180, K16181, K16185.

MAINTENANCE RELEASE

The work and/or inspection of the part or parts identified heron has been done in accordance with current Federal Aviation Administration Regulations and was found to be airworthy. Pertinent details of the repair are on file at this repair station under Work Order No: **41259** Dated: **19/Aug/2022**

Signature of authorized person _____

F.A.A.CERTIFIED REPAIR STATION NO. FG6R375D