Base record:

Engine log book number: 1 **for piston engine**

Type of engine: Rotax	***Model:*** 914UL	***Engine serial no.:*** 9577697
Manufacturer: BRP-Rotax GmbH & Co KG, 4623 Gunskirchen, Austria		***Year of manufacture:***
Data sheet:		

Take off power: 115 ~~kW~~/Hp. ***perm. duration:*** 5 ***min*** ***at*** 5800 ***r.p.m.***

Max. cont. power: 100 ***kW/Hp.*** ***at*** 5500 ***r.p.m.***

Note:

The above mentioned engine is considered to be operationally reliable if operated and maintained in accordance with the Civil Aircraft and Civil Aviation Equipment Order, current issue and the pertinent operational and maintenance instructions.

Remarks:

Date: 12/23/2021 ***Signature*** [redacted]

SB-status and modification record:

Airworthiness directive or modification:	Date:	Signature & Licence no.:
All ASB's up to 12/23/2021 complied with to this date	12/23/2021	[redacted] Aviation, LLC

Experimental Aircraft Airframe Logbook

Logbook No. 1
Beginning Date: 12/23/2021
Ending Date: _____

Owner: Larry F. Preiss

Addre [redacted]

City: [redacted] State: Ga Zip: 30506

Pho [redacted]

Pilot Certification Type: _____

Certificate No. _____

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Aircraft Record General Information

Builder/Manufacturer: Larry F. Preiss

Model: AR-1 Serial No.: 0053

Registration No.: N47AR Date of Manufacture: 12/23/2021

Engine(s) Installed

Manufacturer: Rotax Model: 914UL Serial No.: 9577697

Manufacturer: _____ Model: _____ Serial No.: _____

Propeller(s) Installed

Manufacturer: Kiev Prop Model: 183

Hub Model: _____ Serial No.: 183639 Serial No.: _____

Blade Model: 183 Serial No.: 183639 Serial No.: _____

Blade Model: _____ Serial No.: _____ Serial No.: _____

N47AR

AR-1
Gyroplane

Experimental Aircraft Airframe Logbook

EAA
THE SPIRIT OF AVIATION

Record of Ownership

Owner: Larry F. Preiss
[redacted]
Date Purchased: _____ Date Sold: _____

Owner: _____
Address: _____
City: _____ State: _____ Zip: _____
Date Purchased: _____ Date Sold: _____

Owner: _____
Address: _____
City: _____ State: _____ Zip: _____
Date Purchased: _____ Date Sold: _____

Owner: _____
Address: _____
City: _____ State: _____ Zip: _____
Date Purchased: _____ Date Sold: _____

Owner: _____
Address: _____
City: _____ State: _____ Zip: _____
Date Purchased: _____ Date Sold: _____

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
6/20/22	24.7	24.7	Replaced 3 blade Kiev Prop Model 184
			Serial No. 184659 with 3 blade KieV
			Prop Model 183 Serial No. 183652
			Owner/Builder. [redacted]
6/23/22	26.3	26.3	Checked rotor blade bolts for proper
			torque of 34 ft lb [redacted]

Initial Condition Inspection

I certify that this aircraft has been inspected in accordance with the scope and detail of apendix D to Part 43 and has been found to be in a condition for safe operation.

Owner's Signature: [redacted] (Registered Agent), owner Date: 12/23/2021

FAA Airworthiness Inspection

Date: 23-DEC-2021 Total Time: 0.0 HRS

I have inspected this aircraft and determined it meets the requirements for the certificate requested. I have issued a Special Airworthiness Certificate for Experimental Operating Amateur Built Aircraft(Gyroplane).

Arnold Holmes DAR-F 00[redacted]
OrlandoMIDO/AIR-894

UNITED STATES OF AMERICA
DEPARTMENT OF TRANSPORTATION-FEDERAL AVIATION ADMINISTRATION

SPECIAL AIRWORTHINESS CERTIFICATE

CATEGORY/DESIGNATION Experimental			
PURPOSE Amateur Built			
MANU-FACTURER	NAME N/A		
	ADDRESS N/A		
FLIGHT	FROM N/A		
	TO N/A		
N47AR	MODEL AR-1	SERIAL NO. 0053	
BUILDER LARRY F PREISS		DATE OF ISSUANCE 23/Dec/2021	

Unless sooner surrendered, suspended, revoked, or the termination date of Unlimited, this airworthiness certificate is effective under the conditions prescribed in 14 CFR, Part 21, Section 21.181 or 21.217.

SIGNATURE OF FAA REPRESENTATIVE //Signed b [redacted] 2021	DESIGNATION OR OFFICE NO. 007141938

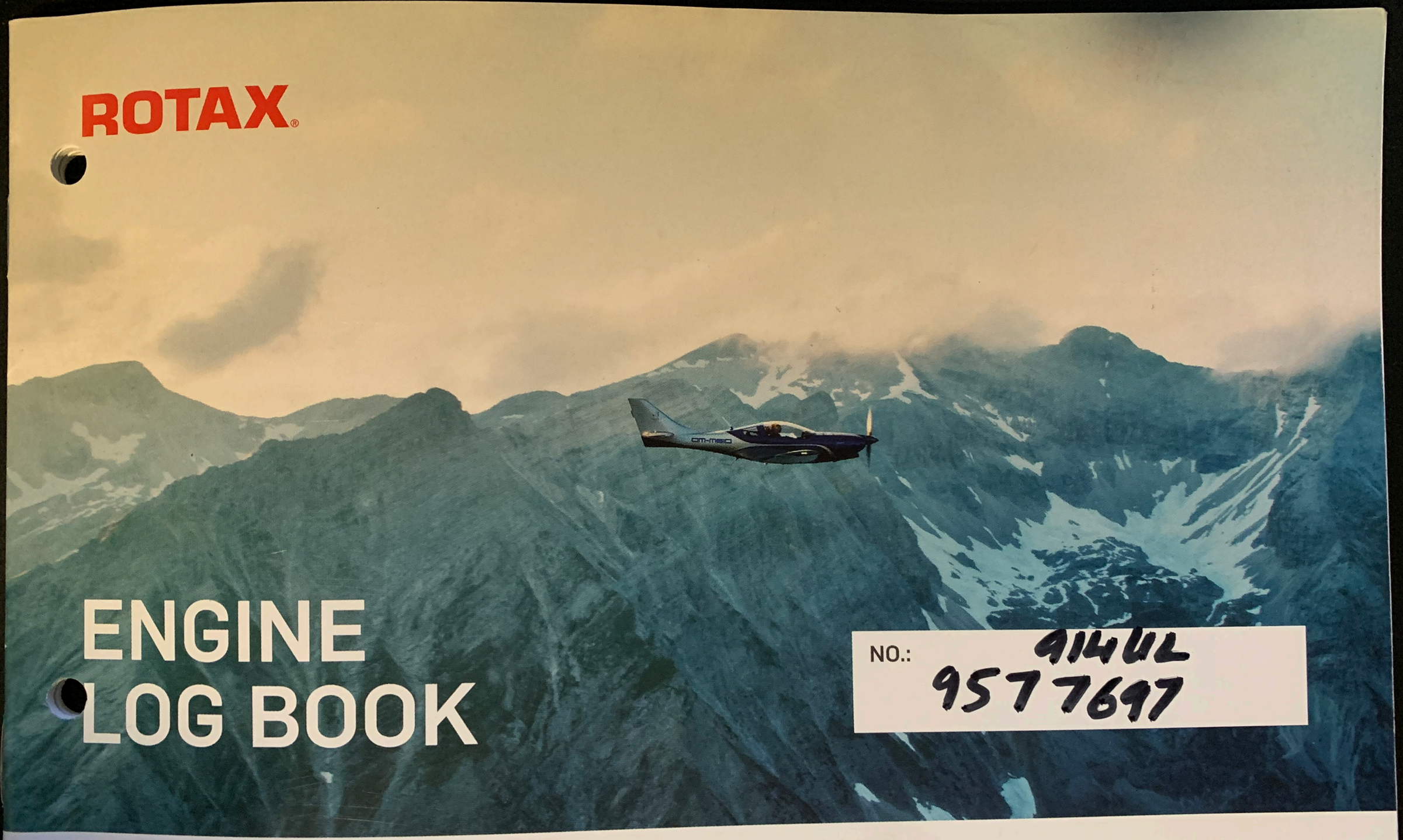
This airworthiness certificate is issued under the authority of Title 49 United States Code 44704 and Title 14 Code of Federal Regulations. Any alteration, misuse or reproduction for a fraudulent purpose of this certificate may be punishable by the certificate revocation, fine and / or imprisonment. THIS PORTION OF THE CERTIFICATE MUST BE DISPLAYED IN THE AIRCRAFT PER THE APPLICABLE REGULATIONS.

--Conditions and Limitations—

1. This aircraft does not meet the airworthiness standards of Annex 8 to the Convention on International Civil Aviation. Operations in airspace outside of the United States will require the permission of the applicable foreign authority. That permission must be carried aboard the aircraft together with this U.S. airworthiness certificate and, upon request, be made available to an FAA inspector or the applicable foreign authority in the country of operation. Operations may be further restricted by the applicable foreign authority. This may include not allowing use of an airport, requiring specific routing, and restricting flight over specific areas. The operator must comply with any additional limitation prescribed by the applicable foreign authority when operating in its airspace. (1)

DATE	RECORDING TACH/ HOUR METER TIME	TOTAL TIME IN SERVICE	DESCRIPTION OF WORK PERFORMED
7/29/2022			
	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 executed, has no hazardous characteristics or design features and is safe for operation. The following aircraft operating data has been demonstrated during the flight testing: Vx 45 kts, Vy 55 knots, and weight of 1,157 lbs.		
	Name: Larry F. Preiss Signature: [redacted] Owner/Builder Date: 7/29/2022 Aircraft Time in Service: 40 hrs		

ROTAX®



ENGINE LOG BOOK

NO.: 914UL 9577697

FOR ROTAX 2-STROKE AND 4-STROKE AIRCRAFT ENGINES

EDITION: 2020 07 01 | PART NO.: 898023

A BRP BRAND