

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC-FayR 1F/F7068-2

PROPELLER S/N CM 14863

LOGBOOK # 1



Date: 3/5/2025

Aircraft Registration: N360MA

Hobbs: 1504.8

The propeller has been dynamically balanced and the assembly of the power train rotating components is an indexed assembly.

Final Balance Vibration: .05 IPS @ 25 Degrees.

Balance Weights Installed:

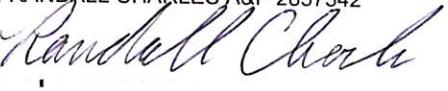
Loc 1 12.4 Grams @ 0 Degrees.

Loc 2 47.3 Grams @ 40 Degrees.



Brian K Southard A&P #3153470

Date	Propeller TSN	A/C TSO Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
			2-9-19, N360MA, LANCAIR 360, S/N 422, TOTAL TIME 1167.6, TACH READS 1167.6 PROPELLER: HARTZELL HC-F2YR-1F/F7068-2, S/N CM1486B TOTAL TIME SINCE NEW 330.6 REMOVED AND REINSTALLED PROPELLER TO FACILITATE OTHER MAINTENANCE. REMOVED SLUDGE FROM CRANKSHAFT BORE. FIT AND INSTALLED NEW REAR COMPOSITE SPINNER BULKHEAD. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED ON 2-9-19 IN ACCORDANCE WITH THE SCOPE AND DETAIL OF 14 CFR PART 43 APPENDIX D AND WAS FOUND TO BE IN CONDITION FOR SAFE OPERATION. RANDALL CHARLES A&P 2857342
			
			3-2-20, N360MA, LANCAIR 360, S/N 422, TOTAL TIME 1225.7, TACH READS 1225.7 PROPELLER: HARTZELL HC-F2YR-1F/F7068-2, S/N CM1486B TOTAL TIME SINCE NEW 388.7 LUBRICATED HUB, I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED ON 3-3-20 IN ACCORDANCE WITH THE SCOPE AND DETAIL OF 14 CFR PART 43 APPENDIX D AND WAS FOUND TO BE IN CONDITION FOR SAFE OPERATION. RANDALL CHARLES A&P 2857342
			
			2-23-21, N360MA, LANCAIR 360, S/N 422, TOTAL TIME 1275.8, TACH READS 1275.8 PROPELLER: HARTZELL HC-F2YR-1F/F7068-2, S/N CM1486B TOTAL TIME SINCE NEW 438.8 REMOVED AND REINSTALLED PROPELLER TO FACILITATE OTHER MAINTENANCE. DRESSED AND PAINTED BLADES. LUBRICATED HUB, I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED ON 2-23-21 IN ACCORDANCE WITH THE SCOPE AND DETAIL OF 14 CFR PART 43 APPENDIX D AND WAS FOUND TO BE IN CONDITION FOR SAFE OPERATION. RANDALL CHARLES A&P 2857342
			

3-29-22, N360MA, LANCAIR 360, S/N 422, TOTAL TIME 1333.9, TACH READS 1333.9 PROPELLER: HARTZELL HC-F2YR-1F/F7068-2, S/N CM1486B TOTAL TIME SINCE NEW 496.9 DRESSED AND PAINTED BLADES. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED ON 2-23-21 IN ACCORDANCE WITH THE SCOPE AND DETAIL OF 14 CFR PART 43 APPENDIX D AND WAS FOUND TO BE IN CONDITION FOR SAFE OPERATION. RANDALL CHARLES A&P 2857342	
4-1-23, N360MA, LANCAIR 360, S/N 422, TOTAL TIME 1396.7, TACH READS 1396.7 PROPELLER: HARTZELL HC-F2YR-1F/F7068-2, S/N CM1486B TOTAL TIME SINCE NEW 559.7 DRESSED AND PAINTED BLADES. LUBRICATED HUB, I CERTIFY THIS PROPELLER HAS BEEN INSPECTED ON 4-1-23 IN ACCORDANCE WITH THE SCOPE AND DETAIL OF 14 CFR PART 43 APPENDIX D AND WAS FOUND TO BE IN CONDITION FOR SAFE OPERATION. RANDALL CHARLES A&P 2857342	
Registration: N360MA Model No. HC-F2YR-1F/F7068-2 Serial No. CM1486B	 Propeller Log Entry
	Tach: 1445.6 TSN: 608.6 Date: 02/22/2024
Completed a condition inspection on this propeller IAW the scope and detail of Appendix D to FAR part 43. Inspected for cracks, dents, nicks, scratches, erosion, corrosion, leaks, mounting and security. Dressed & painted blades and lubricated hub. Ground run performed for ops & leak check, ops check normal with no leaks noted at this time. I certify that this propeller has been inspected on 02/22/2024 in accordance with the scope and detail of Appendix D to FAR part 43 and was determined to be in a condition for safe operation.	
 Frank Huggins A&P 3932262 IA	

Date	Propeller TSN	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
9/6/13	Ø	797.5	<p>INSTALLED HC-FAYR-1F/F7068-2 Propeller, S/N CM1486B, ON LANCAIR 360MKII, S/N 422, IAW HARTZELL INSTALLATION INSTRUCTION. I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IAW THE SCOPE & DETAIL OF FAR 43, APP. D, (100HR) AND IS IN A CONDITION FOR SAFE OPERATION AT THIS TIME.</p> <p><i>Randall Charles</i> A13355731</p>

2-12-15, N360MA, LANCAIR 360, S/N 422, TOTAL TIME 795.7, TACH READ 795.7
PROPELLER: HARTZELL HC-F2YR-1F/F7068-2, S/N CM1486B

TOTAL TIME SINCE NEW 68.2

I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR
CONDITION INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

RANDALL CHARLES A&P 2857342

Randall Charles

1-21-16, N360MA, LANCAIR 360, S/N 422, TOTAL TIME 848.4, TACH READ 848.4

PROPELLER: HARTZELL HC-F2YR-1F/F7068-2, S/N CM1486B TOTAL TIME SINCE NEW 120.9

DRESSED AND PAINTED BLADES. LUBRICATED HUB. I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN
ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

RANDALL CHARLES A&P 2857342

Randall Charles

2-14-17, N360MA, LANCAIR 360, S/N 422, TOTAL TIME 983.8, TACH READS 983.8

PROPELLER: HARTZELL HC-F2YR-1F/F7068-2, S/N CM1486B TOTAL TIME SINCE NEW 256.3

DRESSED AND PAINTED BLADES AND LUBRICATED HUB. I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN
ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.

RANDALL CHARLES A&P 2857342

Randall Charles

2-19-18, N360MA, LANCAIR 360, S/N 422, TOTAL TIME 1093.4, TACH READS 1093.4

PROPELLER: HARTZELL HC-F2YR-1F/F7068-2, S/N CM1486B TOTAL TIME SINCE NEW 256.3

DRESSED AND PAINTED BLADES AND LUBRICATED HUB. I CERTIFY THAT THIS PROPELLER HAS BEEN
INSPECTED ON 2-19-18 IN ACCORDANCE WITH THE SCOPE AND DETAIL OF APPENDIX D PART 43 AND WAS
FOUND TO BE IN A CONDITION FOR SAFE OPERATION. RANDALL CHARLES A&P 2857342

Randall Charles

PROPELLER MAINTENANCE RECORD

Position _____

PITCH RANGE

Propeller Model _____

High/Feather _____

Propeller S/N _____

Start Lock _____

Blade Design _____

Low _____

Blade S/N's

Reverse _____

No. 1 _____

Aircraft Manufacturer LANCAIR

No. 2 _____

Aircraft Model 360 MK II

No. 3 _____

S/N 422

No. 4 _____

Registration N360MA

No. 5 _____

No. 6 _____

Spinner Assembly Part No. _____