

**HARTZELL**

# PROPELLER LOGBOOK

PROPELLER MODEL Hc-FayR-1F/F7068-2

PROPELLER S/N CM1486B

LOGBOOK # 1

Date

Registration:	N360MA		Tach:	1497.6
Model No.	HC-F2YR-1F/F7068-2		TSN:	660.6
Serial No.	CM1486B		Date:	01/17/2025

## Propeller Log Entry

Completed a condition inspection on this propeller IAW the scope and detail of Appendix D to FAR part 43. Reinstalled this propeller after being re-sealed by New Mexico Propeller, LLC on W.O.# 6457. Inspected for cracks, dents, nicks, scratches, erosion, corrosion, leaks, mounting and security. Dressed & painted blades as needed. 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 01/17/2025 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.

*John Huggins*  
 Frank Huggins A&P 3932262 IA

SELECTED VENTURES

Date: 3/5/2025Aircraft Registration: N360MAHobbs: 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*


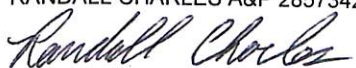

Brian K. Southard A&P #3153470

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
			<p>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&amp;P 2857342</p> <p><i>Randall Charles</i></p>
			<p>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&amp;P 2857342</p> <p><i>Randall Charles</i></p>
			<p>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 2-23-23 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&amp;P 2857342</p> <p><i>Randall Charles</i></p>

<p>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 2-23-23 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&amp;P 2857342</p> <p><i>Randall Charles</i></p>				
<p>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&amp;P 2857342</p> <p><i>Randall Charles</i></p>				
Registration:	N360MA	<b>F&amp;E+</b> <b>AVIATION</b> <small>MAINTENANCE</small>	Tach:	1445.6
Model No.	HC-F2YR-1F/F7068-2		TSN:	608.6
Serial No.	CM1486B		Date:	02/22/2024
<p>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 &amp; painted blades and lubricated hub. Ground run performed for ops &amp; 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.</p> <p><i>Frank Huggins</i> A113932262 IA            Frank Huggins A&amp;P 3932262 IA</p>				



Date	Propeller TSN TSO		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
9/6/13		Ø	727.5	INSTALLED HC-F2YR-1F/F7068-2 PROPELLER, S/N CM1486B, ON LANCAIR 360MIKII, 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.  <div style="text-align: right;">  AP3335731 </div>
				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 <div style="text-align: right;">  </div>

				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 <div style="text-align: right;">  </div>
				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 <div style="text-align: right;">  </div>
				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 <div style="text-align: right;">  </div>

## PROPELLER MAINTENANCE RECORD

Position \_\_\_\_\_

Propeller Model \_\_\_\_\_

Propeller S/N \_\_\_\_\_

Blade Design \_\_\_\_\_

Blade S/N's

No. 1 \_\_\_\_\_

No. 2 \_\_\_\_\_

No. 3 \_\_\_\_\_

No. 4 \_\_\_\_\_

No. 5 \_\_\_\_\_

No. 6 \_\_\_\_\_

Spinner Assembly Part No. \_\_\_\_\_

PITCH RANGE

High/Feather \_\_\_\_\_

Start Lock \_\_\_\_\_

Low \_\_\_\_\_

Reverse \_\_\_\_\_

Aircraft Manufacturer LANCASHIRE

Aircraft Model 360 MK II

S/N 422

Registration N360MA