

HARTZELL

N 9204C

**PROPELLER
OWNER'S MANUAL**



N9204C

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC-E4N-3I

PROPELLER S/N HH 1249

LOGBOOK # 1

Description of all operations pertaining to Airworthiness Directives,
Service Documents, Overhaul, Major or Minor Repair, and Inspections.

Date

Propeller
TSN TSO

A/C
Hrs

wo: WO_90

Propeller - page 1 of 1



Casey Aviation Services · 800 Airport Blvd. Hangar #2 · Diboll, Texas 75941 · 936-615-8150

N95AG

Hartzell, S/N: HH1249

May 15, 2025

HOBBS: 4167.1

PTSN: 2481.2

PTSO: 1170.4

1. C/W propeller 100 hour inspection using a prepared checklist.
2. Removed frayed propeller heat wiring harnesses, all four, replaced with new wiring harnesses. Installed (4) P/N 4H2369-6 - Wire Harness.
3. Re-glued propeller boots.

All work performed in reference to Hartzel MM where applicable. Operational and leak checks performed, no defects noted at this time. With respect to work performed, this propeller is approved for return to service. Details of work performed are on file with Casey Aviation Services under work order: WO_90.

Danny Redard A&P IA 3833403

RW RW

Date

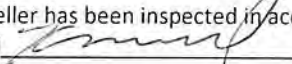


12931 W 151ST STREET | OLATHE, KS 66062 | 620-960-7720 | MEADAIRCRAFT@GMAIL.COM

Prop log entry 2-22-2021

N95AG Hartzell HC-E4N-3I S/N HH1249 HM 3117.0 hrs prop TT 1606.0 hrs (295.2 hrs SPOH)

Inspected propeller per MAS PA46-350P inspection guide. Reinstalled propeller after removal for engine FOD repairs. Lubricated hub, smoothed edges of blades, and painted faces of prop blades. Performed run-up and functional checks. Operations are satisfactory.

I certify that this propeller has been inspected in accordance with an annual inspection and was found to be in airworthy condition. Kevin Mead  IA 443641987 2-22-2021

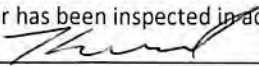


12931 W 151ST STREET | OLATHE, KS 66062 | 620-960-7720 | MEADAIRCRAFT@GMAIL.COM

Propeller log entry 04-01-2022

N95AG HC-E4N-3I S/N: HH1249 HM 3407.2 Propeller total time: 1895.3 (584.5 TSPOH)

Inspected propeller per MAS Jetprop inspection guide. Lubricated hub and painted blades. Performed run-up and functional checks. Operations are satisfactory.

I certify that this propeller has been inspected in accordance with an annual inspection and was found to be in airworthy condition. Kevin Mead  IA 443641987 (04-01-2022)

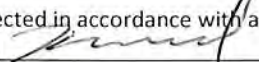


12931 W 151ST STREET | OLATHE, KS 66062 | 620-960-7720 |

Propeller log entry (05-18-2023)

N95AG HC-E4N-3I S/N: HH1249 HM 3695.9 Prop total time: 2010.0 (699.2 SPOH)

Inspected propeller per MAS Jetprop inspection guide. Lubricated hub and painted blades. Performed run-up and functional checks. Operations are satisfactory.

I certify that this propeller has been inspected in accordance with an annual inspection and was found to be in airworthy condition. Kevin Mead  IA 443641987 (05-18-2023)




12897 W 151ST STREET | OLATHE, KS 66062 | 620-960-7720 |

Propeller Log Entry (06-14-2024)

N95AG Propeller HC-E4N-3I S/N: HH1249 propeller total time 2148.1 hrs. (TSPOH 837.3 hrs)

Inspected propeller per MAS Jetprop inspection guide. Repaired breaks on bade faces and re-painted. Bonded propeller de-ice leads and secured connections. Replaced brush block PN: CA3026. Performed run-up and functional checks. Operations are satisfactory.

I certify that this propeller has been inspected in accordance with an annual inspection and was found to be in airworthy condition. Raydel Acosta  IA 3202782 (06-14-2024)

August 8, 2018

N9204C, PA46-350P, S/N: 4622110
Hartzell HC-E4N-31, S/N: HH1249

Beechcraft
Authorized Service Center

Mather Aviation LLC
Hayward Executive Airport
FAA CRS No. Z4MR560Y
WO#: 617518

Airworthiness Directives,
Minor Repair, and Inspections.

AFTT: 3146.8 PropTT: 1635.8 TSOH: 150.5
This is a permanent part of the Propeller Records. The following inspection, maintenance, repairs or replacements were accomplished.

- Complied with Annual Inspection in accordance with Piper Model PA46-350P MM, p/n: 761 783 and JetProp DLX MM, p/n: 560.1001, Chapters 05-10-00 and 05-20-00.

Technician(s): B. Defries, D. Mowery, L. Sieling, R. Dodge

I certify that this Aircraft has been inspected in accordance with an FAR 91.409(a)(1) ANNUAL INSPECTION and applicable FARs, was determined to be in an airworthy condition, and is approved for return to service. Pertinent details of the work performed are on file at this facility.

Inspector: Kevin Kelley
Kevin Kelley for CRS# Z4MR560Y

wo: WO_202

Propeller - Page 1 of 1

FirstXLine
AERO

First Line Aero LLC - 452 CR 1510 Pusk TX 75785 953-316-4331

N9204C
Hobbs: 3001.1

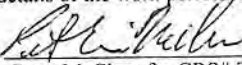
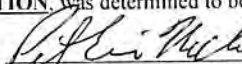
December 1, 2019

- Prop Annual / 100 Hour
- Corrected prop heat harness connection safitie configuration.
- Re-saftied prop hub balance weights.
- Prop mounting safties incorrect Re saftied prop.
- Blended minor prop loading edge nicks as required.

With respect to the work performed, this propeller is approved for return to service.

Kenneth Hale A&P 4190268

Kenneth Hale

Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
				<p>November 3, 2008</p> <p>Beechcraft <u>Mather Aviation LLC</u> Authorized Service Center Hayward Executive Airport Hartzell HC-E4N-31, S/N: HH1249 FAA CRS No. Z4MR560Y Meter: 2259.9 TSN: 923.4 TSOH: 0.0 W/O#: 609610</p> <p>This is a permanent part of the Propeller Records. The following inspection, maintenance, repairs or replacements were accomplished.</p> <ol style="list-style-type: none"> 1. Complied with 100 Hour / Annual Inspection in accordance with Piper Model PA46-350P M/M, P/N 761 783 - Reissued July 1, 1998, and JetProp DLX M/M, P/N 560.1001, Chapters 05-10-00 and 05-20-00. 2. Complied with 6 year propeller overhaul. Removed and reinstalled propeller after overhauled by American Propeller Service, CRS# N03R717L. Performed ops and leak checks, both checked good. 3. Removed and replaced beta carbon block p/n: CA3026, checked engine rig, no defects noted. <p>Technician(s): L. Sieling, R. Dodge, J. May, S. Llorens This aircraft and/or component has been repaired and inspected in accordance with applicable Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this Repair Station.</p> <p>Inspector:  Peter McClure for CRS# Z4MR560Y</p>
				<p>November 3, 2008</p> <p>I certify that this Aircraft has been inspected in accordance with an FAR 91.409(a)(1) ANNUAL INSPECTION, was determined to be in an airworthy condition, and is approved for return to service.</p> <p>Inspector:  Peter McClure for CRS# Z4MR560Y</p>

ROCKET
ENGINEERING CORP.
6427 E. Rutter Rd.
Felts Field
Spokane, WA 99212

A/C REG.#: N9204C
DATE: 10/13/2009
TOTAL TIME: 1020.2 TSOH: 101.8
HOBBS/TACH: 2361.7

INSPECTED PROPELLER IAW HARTZELL PROPELLER OWNERS MANUAL 149 AND JETPROP MAINTENANCE MANUAL INSPECTION CHECKLIST. LUBED HUB, DRESSED BLADES AND DYNAMICALLY BALANCED. ADS 2005-14-11, 2006-24-07 AND 2008-13-28 DO NOT APPLY TO THIS PROP. THIS PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL/100HR INSPECTION AND IS IN AN AIRWORTHY CONDITION AT THIS TIME.

JEFF ROSEN 3267697 IA



ROCKET
ENGINEERING CORP.
6427 E. Rutter Rd.
Felts Field
Spokane, WA 99212


A/C REG.#: N9204C
DATE: 11/01/2010
TOTAL TIME: 1121.6 TSO 203.2
HOBBS/TACH: 2463.1



INSPECTED PROPELLER IAW HARTZELL PROPELLER OWNERS MANUAL 149 AND JETPROP MAINTENANCE MANUAL INSPECTION CHECKLIST. LUBED HUB AND OPS/LEAK CHECKED. THIS PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL/100HR INSPECTION AND IS IN AN AIRWORTHY CONDITION AT THIS TIME.

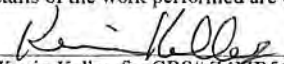
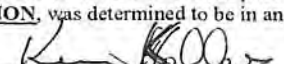
JEFF ROSEN 3267697 IA



Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
				<p>November 2, 2007</p> <p>N9204C Piper PA46-350P Hartzell HC-E4N-3I, S/N: HH1249 Meter: 2158.2 TSN: 821.7</p> <p style="text-align: center;">Beechcraft Authorized Service Center</p> <p style="text-align: right;">Mather Aviation LLC Hayward Executive Airport FAA CRS No. Z4MR560Y W/O#: 608448</p> <p>This is a permanent part of the Propeller Records. The following inspection, maintenance, repairs or replacements were accomplished.</p> <ol style="list-style-type: none"> 1. Complied with 100 Hour / Annual Inspection in accordance with Piper Model PA46-350P M/M, P/N 761 783 - Reissued July 1, 1998, and JetProp DLX M/M, P/N 560.1001, Chapters 05-10-00 and 05-20-00. 2. Complied with 100 Hour lube/service items in accordance with Hartzell Manual Chapter 61-00-49. 3. Dressed and painted propeller blades. 4. Removed and replaced beta carbon block p/n: A-3044, checked engine rig, no defects noted. <p>Technician(s): D. Mowery, L. Sieling, R. Dodge, D. Rogers, This aircraft and/or component has been repaired and inspected in accordance with applicable Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this Repair Station.</p> <p>Inspector: <u>Kevin Kelley</u> Kevin Kelley for CRS# Z4MR560Y</p>
				<p>November 2, 2007</p> <p>I certify that this Aircraft has been inspected in accordance with an FAR 91.409(a)(1) <u>ANNUAL INSPECTION</u>, was determined to be in an airworthy condition, and is approved for return to service.</p> <p>Inspector: <u>Kevin Kelley</u> Kevin Kelley for CRS# Z4MR560Y</p>

10/27/08		0		<div style="text-align: center;">  <p>AMERICAN PROPELLER SERVICE REPAIR STATION No. N03R717L 20208 CHARLANNE DRIVE REDDING, CA 96002 REDDING, CA 96002</p> </div> <p>WORK ACCOMPLISHED <u>COMPLETE OVERHAUL</u> MODEL NO. <u>HC-E4N-3I</u> SERIAL NO. <u>HH1249</u></p> <p>THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER</p> <p>REPAIR ORDER # <u>9736-10-2008</u></p> <p>DATED: <u>10-27-2008</u></p> <p>SIGNED <u>Todd Marinkovich</u> TODD MARINKOVICH (AUTHORIZED INDIVIDUAL)</p>
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Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
	 ROCKET ENGINEERING CORP. 6427 E. Rutter Rd. Felts Field Spokane, WA 99212			
	N9204C..SN 4622110..TOTAL TIME 1980.14..HOBBS TIME 1805.6.. PROPELLER MODEL HC-E4N-3I..PROPELLER SN HH1249..PROPELLER TOTAL TIME 469.14.. SNEW An ANNUAL inspection was performed using HARTZELL inspection guide. AD's were checked up to issue 2005-07 Engine/prop combination has been dynamically balanced. This propeller has been deemed airworthy and is hereby approved for return to service.			
	 RONALD J. YOUNG, 1563985IA 1 MAY, 2005			

	August 9, 2006 N9204C Piper PA46-350P Hartzell HC-E4N-3I, S/N: HH1249 Meter: 1970.7 TSN: 634.2	Raytheon Authorized Service Center	Mather Aviation LLC Hayward Executive Airport FAA CRS No. Z4MR560Y W/O#: 606949
	This is a permanent part of the Propeller Records. The following inspection, maintenance, repairs or replacements were accomplished.		
	<ol style="list-style-type: none"> 1. Complied with 100 Hour / Annual Inspection in accordance with Piper Model PA46-350P M/M, P/N 761 783 - Reissued July 1, 1998, and JetProp DLX M/M, P/N 560.1001, Chapters 05-10-00 and 05-20-00. 2. Complied with 100 Hour lube/service items in accordance with Hartzell Manual Chapter 61-00-49. 3. Dressed and painted propeller blades. 4. Removed and replaced beta carbon block p/n: A-3044, checked engine rig, no defects noted. 		
	Technician(s): This aircraft and/or component has been repaired and inspected in accordance with applicable Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this Repair Station.		
	Inspector:  Kevin Kelley for CRS# Z4MR560Y		
	August 9, 2006 I certify that this Aircraft has been inspected in accordance with an FAR 91.409(a)(1) ANNUAL INSPECTION , was determined to be in an airworthy condition, and is approved for return to service.		
	Inspector:  Kevin Kelley for CRS# Z4MR560Y		

February 14, 2003
N9204C Piper PA46-350P
Hartzell HC-E4N-3I, S/N: HH1249
TSN: 215.3 Meter: 1726.3

Raytheon
Authorized Service Center

Mather Aviation LLC
Hayward Executive Airport
FAA CRS No. Z4MR560Y
W/O#: 603164

aining to Airworthiness Directives,
rjor or Minor Repair, and Inspections.

This is a permanent part of the **Propeller** Records. The following inspection, maintenance, repairs or replacements were accomplished.

1. Complied with 100 Hour and Annual Inspections in accordance with JetProp DLX M/M, P/N 560.1001, Chapters 05-10-00 and 05-20-00 and Hartzell Propeller Owner's Manual No. 149, Rev. 8, November 1999, Chapter 61-00-49.
2. Complied with 100 Hour lube/service items in accordance with Hartzell Manual Chapter 61-00-49.

Technician(s): D. Mowery, A. Dahlman.

This aircraft and/or component has been repaired and inspected in accordance with applicable Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this Repair Station.

Inspector: [Signature]
R. Dodge for CRS# Z4MR560Y

February 14, 2003

I certify that this **Propeller** has been inspected in accordance with an FAR 91.409(a)(1) **ANNUAL INSPECTION**, was determined to be in an airworthy condition, and is approved for return to service.

Inspector: [Signature]
R. Dodge for CRS# Z4MR560Y

April 1, 2004
N9204C Piper PA46-350P
Hartzell HC-E4N-3I, S/N: HH1249
TSN: 293.6 Meter: 1805.6

Raytheon
Authorized Service Center

Mather Aviation LLC
Hayward Executive Airport
FAA CRS No. Z4MR560Y
W/O#: 603164

This is a permanent part of the **Propeller** Records. The following inspection, maintenance, repairs or replacements were accomplished.

1. Complied with 100 Hour and Annual Inspections in accordance with JetProp DLX M/M, P/N 560.1001, Chapters 05-10-00 and 05-20-00 and Hartzell Propeller Owner's Manual No. 149, Rev. 8, November 1999, Chapter 61-00-49.
2. Complied with 100 Hour lube/service items in accordance with Hartzell Manual Chapter 61-00-49.
3. Dressed and painted propeller blades.
4. Removed and replaced beta carbon block p/n: A-3044, checked engine rig, no defects noted.
5. Removed and replaced prop de-ice block p/n: RA21110, function checked prop de-ice, no defects noted.

Technician(s): D. Mowery, L. Sieling

This aircraft and/or component has been repaired and inspected in accordance with applicable Federal Aviation Regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this Repair Station.

Inspector: [Signature]
Clayton Cooper for CRS# Z4MR560Y

April 1, 2004

I certify that this **Propeller** has been inspected in accordance with an FAR 91.409(a)(1) **ANNUAL INSPECTION**, was determined to be in an airworthy condition, and is approved for return to service.

Inspector: [Signature]
Clayton Cooper for CRS# Z4MR560Y

Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
				N9204C..SN 4622110..PROPELLER SN HH1249.. PROPELLER TOTAL TIME 00.00 SNEW..HOBBS TIME 1511.0..AIRFRAME TOTAL TIME 1511.0..
				This propeller was installed as a part of STC ST00541SE, in accordance with the manufacturers instructions. See FAA Form 337 for details. Ground run up was satisfactory. Engine/prop combination has been dynamically balanced. This propeller has been deemed airworthy, and is hereby approved to be placed into service.
				<i>Curtis W. Vandegriffe</i> CURTIS W. VANDEGRIFFE, AP541660388 24 July 01

January 2, 2002

N9204C Piper PA46-350P, S/N: 4622110

Hartzell HC-E4N-3I, S/N: HH1249

TT: 67.0

Meter: 1578.0

Mather Aviation LLC

Hayward Executive Airport

FAA CRS No. Z4MR560Y

WO#: 601942

This is a permanent part of the **Propeller** Records. The following inspection, maintenance, repairs or replacements were accomplished.

1. Complied with 100 Hour and Annual Inspections in accordance with JetProp DLX M/M, P/N 560.1001, Chapters 05-10-00 and 05-20-00 and Hartzell Propeller Owner's Manual No. 149, Rev. 8, November 1999, Chapter 61-00-49.
2. Complied with 100 Hour lube/service items in accordance with Hartzell Manual Chapter 61-00-49.

Technician(s): R. Dodge, C. Lijesen.

This aircraft and/or component has been repaired and inspected in accordance with applicable Federal Aviation Regulations and is approved for return to service with respect to the work performed.

Pertinent details of the work performed are on file at this Repair Station.

Inspector: *R. Dodge*
R. Dodge for CRS# Z4MR560Y

January 2, 2002

I certify that this **Propeller** has been inspected in accordance with an FAR 91.409(a)(1) **ANNUAL INSPECTION**, was determined to be in an airworthy condition, and is approved for return to service.

Inspector: *R. Dodge*
R. Dodge for CRS# Z4MR560Y

PROPELLER MAINTENANCE RECORD

HARTZELL PROPELLER INC

Code No: E4N00087S

INSPECTION

Date: 4/10/01

New Experimental

Assembled Disassembled

Work Order #: M360740

Hartzell Order No. CO 8942		Part Number HC-E4N-3/E8501B-3.5						
Ass'y Ser No. HH1249		Hydr Unit No. NA		Bulkhead No. HM-464		Valve No. NA	Dome No.	
Blade 1 J59689	Blade 2 J59682	Blade 3 J59683		Blade 4 J59685	Blade 5		Blade 6	
Carton No.	Lbs.	Weight		Kilos	Height	Width	Length	Packing
Comments: Deice Kit: 67-932-1 I.D.S#1397 2-5-01							P10NE	
19.0 L.P./S.L. @ 30" Radius								
Sold to: ROCKET			Customer Order No. 7479		Line Item No. 0	Insp. by TJ		

Spinner Assembly Part No. _____