

HARTZELL

N576MA

PROPELLER LOGBOOK

PROPELLER MODEL HC-EYN-3

PROPELLER S/N HH4009

LOGBOOK #

THIS SERVICE RECORD shall accompany the propeller equipment at all times. When equipment is installed as part of an Aircraft or engine, this record shall be maintained concurrently with and become a part of the Aircraft and Engine Service Records.

PROPELLER MAINTENANCE RECORD

Position _____

PITCH RANGE

HARTZELL PROPELLER INC

INSPECTION

Item Number: E4N00020SKD

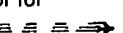
Date: 3/2/2010

Work Order #: M081800

Model Number HC-E4N-3/E9083SK									
Ass'y Ser No. HH4009	Hydr Unit No. NA	Bulkhead No. 1000724C	Valve No. NA						
Blade 1:K91001	Blade 2:K96486	Blade 3:K96480	Blade 4:K96484	Blade 5:	Blade 6:				
Clamp 1:	Clamp 2:	Clamp 3:	Clamp 4:	Clamp 5:					
Reverse -11.0	Start Lock NA	Low Pitch 21.0	High Pitch NA	Feather 86.0	Position 2 3				
Ref Radius (inches) for angles: 30				Orient. L L	Qty:AI 2 2	St 0 2	Scrw 0 0	A-2424-1 0 0	Washer 0 2
Comments: Deice Kit: 67-600-1 Included but not inst.									
Packing Certified By:		Date:							
Inspected By: John Martin									

The approved design data for this propeller incorporates all changes required by applicable Airworthiness Directives.

Date	Propeller TSN	A/C TSO Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.	
*****<u>MUNCIE AVIATION CO.CRS#AJVR135C</u>*****				
	N576MA	Date 8/4/2011	A/C TT 144	
		Complied with Annual/100Hr Insp. cleaned and Dressed		
			I certify that this <u>Propellor</u> has been inspected in accordance with a <u>Annual/100 Hr</u> Insp. and was determined to be in airworthy condition. Make <u>Hartzell</u> Ser.No. <u>HH3996</u> Model <u>HCE4N3/EG083S</u> Reg.Mark <u>N576MA</u> The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency,approved for return to service Pertinent details of the repair are on file at the Agency	
*****<u>MUNCIE AVIATION CO.CRS#AJVR135C</u>*****				
	N576MA	Date 8/31/2012	A/C TT 232.2	
		Complied with Annual/100Hr Insp. cleaned and Dressed		
			I certify that this <u>Propellor</u> has been inspected in accordance with a <u>Annual/100 Hr</u> Insp. and was determined to be in airworthy condition. Make <u>Hartzell</u> Ser.No. <u>HH3996</u> Model <u>HCE4N3/EG083S</u> Reg.Mark <u>N576MA</u> The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency,approved for return to service Pertinent details of the repair are on file at the Agency Work Order No. <u>T2246</u> Date <u>8/31/2012</u> Signed <u>John D. Stumpf</u> Inspector for MUNCIE AVIATION CO. CRS#AJVR135C MUNCIE,IN 47308 765-289-7141	

<u>MUNCIE AVIATION CO.CRS#AJVR135C</u>			
	<u>Date</u>	<u>A/C TT</u>	<u>Cycles</u>
N576MA	10/4/2013	324.4	265
Complied with Annual/B+ Insp. Cleaned, Sanded primed and painted			
<p>I certify that this <u>Propellor</u> has been inspected in accordance with a <u>Annual/B+</u> Insp. and was determined to be in airworthy condition.</p> <p>Make <u>Hartzell</u> Ser.No. <u>HH3996</u> Model <u>HCE4N3/EG083S</u> Reg.Mark. <u>N576MA</u></p> <p>The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service</p> <p>Pertinent details of the repair are on file at the Agency Work Order No. <u>S000434</u> Date <u>10/4/2013</u></p> <p>Signed <u>R. Hartzell</u> Inspector for MUNCIE AVIATION CO. CRS#AJVR135C MUNCIE, IN 47308 765-289-7141 </p>			
<u>MUNCIE AVIATION CO.CRS#AJVR135C</u>			
	<u>Date</u>	<u>A/C TT</u>	<u>Cycles</u>
N576MA	10/7/2013	324.8	266
Performed Propellor Balance added weights as needed			
<p>I certify that this <u>Propellor</u> has been inspected in accordance with a <u>Annual/B+</u> Insp. and was determined to be in airworthy condition.</p> <p>Make <u>Hartzell</u> Ser.No. <u>HH3996</u> Model <u>HCE4N3/EG083S</u> Reg.Mark. <u>N576MA</u></p> <p>The aircraft/component identified above was repaired and inspected in accordance with current Regulations of Federal Aviation Agency, approved for return to service</p> <p>Pertinent details of the repair are on file at the Agency Work Order No. <u>S000434</u> Date <u>10/7/2013</u></p> <p>Signed <u>R. Hartzell</u> Inspector for</p>			

Date	Propeller TSN	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.																																												
			Prop Model : HC-E4N-3	A/C Reg # : N576MA																																											
	Prop Serial # : HH3996		Work Order # : STP49601																																												
	Prop TSN/TSO : 336.80/		A/C Ser # : 545																																												
	Prop Position :		A/C Time : 336.80																																												
	Log Book : Propeller		Date : 12/5/2013																																												
Special Inspection Items																																															
C+ / Annual Inspection		I certify this PROPELLOR has been inspected in accordance with an ANNUAL inspection and is approved for return to service. Reviewed Bi-weekly list through 2013-23 for applicable Airworthiness Directives. None noted.																																													
Signed: <u>Anthony Chub</u>		for Atlantic Aero, Inc. CRS#: EWGR752D																																													
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>																																															

Prop Model : HC-E4N-3	A/C Reg # : N576MA	 Atlantic Aero <small>A GREENWICH AEROGROUP COMPANY</small> P.O. Box 35408 Greensboro, NC 27425 Tel 800-334-2001 Fax 336-668-4434 http://www.atlantic-aero.com																																										
Prop Serial # : HH3996	Work Order # : STP49601																																											
Prop TSN/TSO : 336.80/	A/C Ser # : 545																																											
Prop Position :	A/C Time : 336.80																																											
Log Book : Propeller	Date : 12/5/2013																																											
Special Inspection Items																																												
Special Check 26	Complied with Special Check 26 - Check of Propeller Assembly in accordance with Socata TBM850 maintenance manual 05-20-05.																																											
Special Check 27	Complied with Special Check 27 - Lubrication of Propeller in accordance with Socata TBM850 maintenance manual 61-10-01.																																											
The items identified above and/or provided to the owner on a Work Summary were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at this repair station under Work Order Number STP49601																																												
Signed: <u>Anthony Chub</u> for Atlantic Aero, Inc. CRS# EWGR752D																																												
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> <tr><td></td><td></td><td></td><td></td><td></td><td></td></tr> </table>																																												

Date	Prop Model : HC-E4N-3	A/C Reg # : N576MA
	Prop Serial # : HH3996	Work Order # : STP51451
	Prop TSN/TSO : 510.70 /	A/C Ser # : 545
	Prop Position :	A/C Time : 510.70
	Log Book : Propeller	Date : 9/19/2014

 **Atlantic Aero**
A GREENWICH AEROGROUP COMPANY
P.O. Box 35408 Greensboro, NC 27425
Tel 800-334-2001 Fax 336-668-4434
<http://www.atlantic-aero.com>

Propeller Inspection Items

05-00-00 I certify this PROPELLER has been inspected in accordance with an ANNUAL / A+ inspection and is approved for return to service. AD notes checked through Bi-Weekly 2014-17.

Signed:  for Atlantic Aero, Inc. CRS#: EWGR752D

Prop Model : HC-E4N-3	A/C Reg # : N576MA
Prop Serial # : HH3996	Work Order # : STP51451
Prop TSN/TSO : 510.70 /	A/C Ser # : 545
Prop Position :	A/C Time : 510.70
Log Book : Propeller	Date : 9/19/2014

 **Atlantic Aero**
A GREENWICH AEROGROUP COMPANY
P.O. Box 35408 Greensboro, NC 27425
Tel 800-334-2001 Fax 336-668-4434
<http://www.atlantic-aero.com>

Special Inspection Items

Special Check 33 Complied with special Check 33-Check Propeller Assembly Refer 00-10-00.

Special Check 33 Complied with Special Check 34-Propeller Lubricate Refer 61-10-01-301.

The items identified above and/or provided to the owner on a Work Summary were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at this repair station under Work Order Number: STP51451

Signed:  for Atlantic Aero, Inc. CRS#: EWGR752D

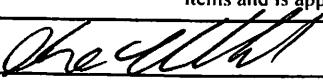
Prop Model : HC-E4N-3	A/C Reg # : N576MA
Prop Serial # : HH3996	Work Order # : S15-53820
Prop TSN/TSO : 711.80 /	A/C Ser # : 545
Prop Position : Propeller	A/C Time : 711.80
Log Book : Propeller	Date : 9/18/2015

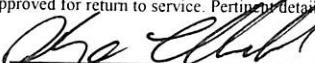
 **LANDMARK**
AVIATION

1030 PTI Drive, Greensboro NC 27409
Tel 800-334-2001 Fax 336-668-4434
www.landmarkaviation.com

Propeller Inspection Items

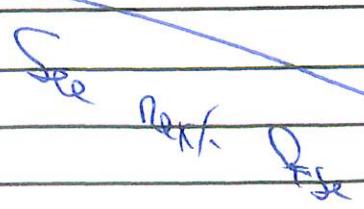
05-00-00 I certify this PROPELLER has been inspected in accordance with a B+/Annual Inspection and 1 Year Special Check items and is approved for return to service.

Signed:  for Landmark Aviation, Inc CRS# FWGR752D

Date	Propeller TSN	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
Prop Model :	HC-E4N-3	A/C Reg #:	N576MA
Prop Serial # :	HH3996	Work Order #:	S15-53820
Prop TSN/TSO :	711.80 /	A/C Ser #:	545
Prop Position :	Propeller	A/C Time :	711.80
Log Book :	Propeller	Date :	9/18/2015
Special Inspection Items			
Complied With SI-33, Propeller Assembly Inspection. Work performed in accordance with Socata TBM700/850 maintenance manual chapter 05-20-05.			
Lubricated propeller in accordance with Socata TBM700 aircraft maintenance manual chapter 61-10-01 and Hartzell Manual No.149.			
The Items identified above and/or provided to the owner on a Work Summary were repaired and/or inspected in accordance with current Federal Aviation Regulations and the repairs are approved for return to service. Pertinent details of these repairs are on file at this repair station under Work Order Number: S15-53820			
Signed:			for Landmark Aviation, Inc. CRS#: EWGR752D

Date: 4/18/2016; Aircraft: N576MA; Type: TBM 850; S/N: 545; Hobbs: 814.8; Total Time: 814.8
*** Prop Work ***
Removed this prop m/n HC-E4N-3, s/n HH4009 from N576MA for overhaul. PTT: 814.8. PTSO: New.
Patrick Higgins A&P 3624624 IA

<input type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003

<input checked="" type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567


Date	Propeller TSN	A/C TSO	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
11/30/16	814.8	0.0	814.8
HARTZELL SERVICE CENTER One Propeller Place Piqua, Ohio 45356-2634 U.S.A Propeller Assy, E4N00020 2016 S/N: HH4009 Overhauled, assembled, lubricated, static balanced, and inspected propeller. All work was performed in accordance with Hartzell manuals 143A-R18, 127-R8, 133C-R32, 159-R52, 180-R20, 181-R6, 182-R16, 202A(Vol. 1-R52, Vol. 2-R29, Vol. 3-R37, Vol. 4-R29, Vol. 5-R29, Vol. 6-R34, Vol. 7-R41, Vol. 8-R31, Vol. 9-R31, Vol. 10-R34, Vol. 11-R36), Hartzell Service Bulletins HC-SB-61-136I, HC-SB-61-231-R1, HC-SB-61-235-R1, HC-SB-30-366 R1, Hartzell Service Letters HC-SL-61-61Y-R8, 160, HC-SL-61-187-R3, HC-SL-61-217, HC-SL-61-241-R3, HC-SL-30-259-R13, HC-SL-30-260-R22, HC-SL-61-267, HC-SL-30-279-R8, HC-SL-61-282-R1, HC-SL-30-284-R1, HC-SL-30-295-R3, HC-SL-61-301, HC-SL-61-324, HC-SL-61-329, For serial numbers and times reference attached Form # 25. See the airworthiness limitations section of Hartzell Owners manual 149 for airworthiness limits information. HC-SB-30-342 is terminated by installing 102643 deice boot. Pertinent details of the work performed are on file at this agency under Work Order 10378 .			
 April 30,			
 John Martin, Repairman #3776042 Repair Station # SJ3R843L			

			Date: 5/06/2016; Aircraft: N576MA; Type: TBM 850; S/N: 545; Hobbs: 814.8; Total Time: 814.8; Engine - Type: PT6A-66D, S/N: RV0207, Time: 814.8; Prop - Type: HC-E4N00020, S/N: HH4009, Time: 814.8; Turbine -, H/S Time: 814.8, Cycles: 507 PTSO: 0.0 ***Prop Work*** Complied with Daher Annual / A+ inspection. Completed 6 Yr / 4000 Hr Hartzell Propeller Overhaul as follows: Re-installed Hartzell propeller p/n HC-E4N-3 / E9083SK, s/n HH4009 after overhaul by Hartzell Service Center, CRS# SJ3R843L, Wo# 10378, dated 4/30/2016. Completed the following 12 Mo Daher Special Checks: Propeller lubrication in conjunction with propeller overhaul. I certify that this aircraft has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. Patrick Higgins A&P 3624624 IA
			 <input type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003



 Wisconsin Aviation - Watertown
 1741 River Drive
 Watertown, WI 53094
 920-261-4567

Date	Propeller TSN	A/C TSO	Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
19.06.2017		1261		

AERO SALES & INSPECTORS

Logentry Date 19 June 2017 special inspection.	Registration N576MA Annual check C+ plus
Aircraft: Socata TBM 700 Engine: Pratt & Whitney PT6-66D UK	Aircraft Serial no 545 s/n Engine PCE -RV0207 TSNEW: 1061 hrs EC. :
Propeller: Hartzell HC-E4N/ 247	s/n HH4009 TSNEW : 1061 hrs SMOH
Aircraft total hours: 1061	<u>Landings</u> Unknown

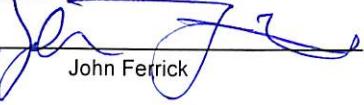
Propeller:
Performed an annual inspection i.a.w. FAR 43 appendix D, Hartzell owner manual 149 R15 and Maintenance manual TBM 700 Maintenance manual checklist Socata AMM Z00DMNMMMPXEE0 REV 15. including TR 028-05, 029-71. Checked All AD's, complied with up to June 19th 2017.

I certify that this propeller has been inspected i.a.w. an annual inspection and was determined in an airworthy condition.

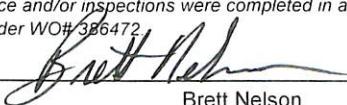
M. Westenberg A&P 2498403 IA *M. Westenberg*
M. Westenberg
Inspection authorization
FAA A&P 2498403 IA

Date : June 05, 2018	PROPELLER LOG BOOK ENTRY	Reg. : N576MA
Hobbs : 1207,4	Model : HC-E4N-3/E9083SK	Aircraft model / s/n: TBM 700 /850
Prop.TT : 1207.4	Prop. s/n: HH4009	Aircraft s/n : 545
Carried-out a Periodic 100hrs / Annual Insp. i.a.w. 14 CFR Pt.43 Appendix D using Hartzell POM n° 149 Rev. 23 Ch. 61-00-49 Section 5 Inspection and check as a guidance. Minor redressed all blades leading edges. Regreased prop. hub with Aeroshell 6.		
Signed : M.SMETS Cert.n° : A+P 2494020		186508
Smets Aviation Service NV Vliegplein 2 bus 2, B – 3600 GENK TEL: +32(89)38 66 53		

Date : July 05, 2019	PROPELLER LOG BOOK ENTRY	Reg. : N576MA
Hobbs : 1406.8	Model : HC-E4N-3/E9083SK	Aircraft model / s/n: TBM 700 /850
Prop.TT : 1406.8	Prop. s/n: HH4009	Aircraft s/n : 545
Carried-out a Periodic 100hrs / Annual Insp. i.a.w. 14 CFR Pt.43 Appendix D requirements using Hartzell POM n° 149 Rev. 25 Ch. 61-00-49 Section 5 Inspection and check as a guidance. Minor redressed all blades leading edges. Regreased prop. hub with Aeroshell 6.		
Signed : M.SMETS Cert.n° : A+P 2494020		196786
Smets Aviation Service NV Vliegplein 2 bus 2, B – 3600 GENK TEL: +32(89)38 66 53		

Date	Propeller TSN	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
WO# 386047 Reg# N576MA Hobbs: 1518.7 PTT: 1518.7	Date: 8/31/2020 Prop SN: HH4009 PTSOH: 703.9		 <p>ELLIOTT AVIATION</p> <p>Propeller Log Entry</p> <p>Inspection</p> <ul style="list-style-type: none"> Performed a C+ Inspection in accordance with the C Inspection Guide and the 1 yr items from the Special Checks Guide of the Socata TBM 850 Maintenance Manual. <p>Special Inspection</p> <ul style="list-style-type: none"> Complied with 12 mo / 400 hr propeller inspection and lube referencing Hartzell Propeller Owner's Manual 147. Complied with 12 mo / 600 hr Beta ring and carbon block inspection referencing Hartzell Propeller Owner's Manual 147. <p>Maintenance Action</p> <ul style="list-style-type: none"> Dressed nicks from the propeller blade leading edges and painted blades as needed referencing Hartzell Owner's Manual 147. <p><i>I certify this Propeller is in an airworthy condition with respect to the maintenance and/or inspection performed and is approved for return to service. All maintenance and/or inspections were completed in accordance with the applicable manufacturer's maintenance manuals. Pertinent details are on file at this agency under WO# 386047.</i></p> <p>Signed  John Ferrick</p> <p>for Elliott Aviation of Des Moines, LLC CRS# JEMR166F</p>

Page 1 of 1

WO# 386472 Reg# N576MA Hobbs: 1606.1 PTT: 1606.1	Date: 9/5/2021 Prop SN: HH4009 PTSOH: 791.3	 <p>ELLIOTT AVIATION</p> <p>Propeller Log Entry</p> <p>Inspection</p> <ul style="list-style-type: none"> A+ Inspection completed in accordance with the A Inspection guide and the 1 yr items from the Special Checks Guide of the Socata TBM 850 Maintenance Manual. <p>Special Inspection</p> <ul style="list-style-type: none"> Complied with 1 yr propeller lubrication referencing Socata TBM 850 M/M 61-10-01. Complied with 1 yr / 600 hr beta ring & carbon block dimensional check referencing Hartzell Propeller Owners Manual 149 <p><i>I certify this Propeller is in an airworthy condition with respect to the maintenance and/or inspection performed and is approved for return to service. All maintenance and/or inspections were completed in accordance with the applicable manufacturer's maintenance manuals. Pertinent details are on file at this agency under WO# 386472.</i></p> <p>Signed  Brett Nelson</p> <p>for Elliott Aviation of Des Moines, LLC CRS# JEMR166F</p>	<p>Elliott Aviation of Des Moines, LLC Des Moines Airport 2800 McKinley Avenue Des Moines, IA 50321-2806</p> <p>Page 1 of 1</p>
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WO# 386852 Date: 10/6/2022
Reg# N576MA Prop SN: HH4009
Hobbs: 1727.6
PTT: 1727.6 PTSOH: 912.8



Elliott Aviation of Des Moines, LLC
Des Moines Airport
2800 McKinley Avenue
Des Moines, IA 50321-2806

Propeller Log Entry

Inspection

- * B+ Inspection completed in accordance with the B Inspection guide and the 1 yr items from the Special Checks Guide of the Daher TBM 850 Maintenance Manual.

Special Inspection

- * Complied with 12 mo beta ring and carbon block dimensional check referencing Hartzell Propeller Owner's Manual 149.

- * Complied with 12 mo propeller periodic inspection referencing Hartzell Propellers Owner's Manual 149. No discrepancies noted

Maintenance Action

- * Complied with 12 mo propeller lubrication referencing Hartzell Propellers Owner's Manual 149.

- * Installed new propeller carbon block P/N A-3044 referencing Hartzell Propellers Owner's Manual 149.

I certify this Propeller is in an airworthy condition with respect to the maintenance and/or inspection performed and is approved for return to service. All maintenance and/or inspections were completed in accordance with the applicable manufacturer's maintenance manuals. Pertinent details are on file at this agency under WO# 386852.

Signed

A handwritten signature in black ink that reads 'Taylor Tolan'.

Taylor Tolan

for Elliott Aviation of Des Moines, LLC
CRS# JEMR166F

Page 1 of 1

OZARK AIRCRAFT MAINTENANCE LLC

CAPE GIRARDEAU REGIONAL AIRPORT
CAPE GIRARDEAU MO

October 1, 2023 N576MA Socata TBM 850 S/N 545

Hartzell HC-E4N-3 S/N HH4009

Hobbs 2018.3 Total time 2018.3 TSOH 1203.5 Cycles 1754

On this date lubricated propeller and tested deice system. C/W 12 month beta ring and carbon block dimensional check.

I Certify that this Propeller was inspected IAW a A+ 200 hr inspection and was determined to be in an airworthy condition.

Noted

A handwritten signature in black ink that reads 'Brian J. Ozark AP41640790'.

OZARK AIRCRAFT MAINTENANCE LLC

CAPE GIRARDEAU REGIONAL AIRPORT
CAPE GIRARDEAU MO

November 24, 2024 N576MA Socata TBM 850 S/N 545

Hartzell HC-E4N-3 S/N HH4009

Hobbs 2464.5 Total time 2464.5 TSOH 1649.7 Cycles 2004

On this date lubricated propeller and tested deice system. C/W 12 month beta ring and carbon block dimensional check.

I Certify that this Propeller was inspected IAW C+ 200 hr inspection and was determined to be in an airworthy condition.

Noted

A handwritten signature in black ink that reads 'Brian J. Ozark AP41640790'.