

HARTZELL

N576MA

PROPELLER LOGBOOK

PROPELLER MODEL HC-E4N-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:	
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	Orient.	Qty:Al	St	Scrw
Ref Radius (inches) for angles: 30					2	L	2	0	0
					3	L	2	2	0
Comments: Deice Kit: 67-600-1 Included but not inst.					A-2424-1				
					Washer				
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 TSN	Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
***** MUNCIE AVIATION CO.CRS#AJVR135C *****				
	N576MA	<u>Date</u> 8/4/2011	<u>A/C TT</u> 144	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
	Complied with Annual/100Hr Insp. cleaned and Dressed			
***** MUNCIE AVIATION CO.CRS#AJVR135C *****				
	N576MA	<u>Date</u> 8/31/2012	<u>A/C TT</u> 232.2	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>[Signature]</u> Inspector for MUNCIE AVIATION CO. CRS#AJVR135C MUNCIE, IN 47308 765-289-7141 
	Complied with Annual/100Hr Insp. cleaned and Dressed			

***** MUNCIE AVIATION CO.CRS#AJVR135C *****					
	N576MA	<u>Date</u> 10/4/2013	<u>A/C TT</u> 324.4	<u>Cycles</u> 265	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. 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>S000434</u> Date <u>10/4/2013</u> Signed <u>[Signature]</u> Inspector for MUNCIE AVIATION CO. CRS#AJVR135C MUNCIE, IN 47308 765-289-7141 
	Complied with Annual/B+ Insp. Cleaned, Sanded primed and painted				
***** MUNCIE AVIATION CO.CRS#AJVR135C *****					
	N576MA	<u>Date</u> 10/7/2013	<u>A/C TT</u> 324.8	<u>Cycles</u> 266	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. 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>S000434</u> Date <u>10/7/2013</u> Signed <u>[Signature]</u> Inspector for MUNCIE AVIATION CO. CRS#AJVR135C MUNCIE, IN 47308 765-289-7141 
	Performed Propellor Balance added weights as needed				

Date	Propeller TSN TSO		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	 AtlanticAero <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				
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 Chubb</u> for Atlantic Aero, Inc. CRS#: EWGR752D				

Prop Model :	HC-E4N-3	A/C Reg # :	N576MA	 AtlanticAero <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 Chubb</u> for Atlantic Aero, Inc. CRS# EWGR752D				

Date

Prop Model : HC-E4N-3
Prop Serial # : HH3996
Prop TSN/TSO : 510.70 /
Prop Position :

A/C Reg # : N576MA
Work Order # : STP51451
A/C Ser # : 545
A/C Time : 510.70

**AtlanticAero**

A GREENWICH AEROGROUP COMPANY

P.O. Box 35408 Greensboro, NC 27425
Tel 800-334-2001 Fax 336-668-4434
<http://www.atlantic-aero.com>

Log Book : Propeller

Date : 9/19/2014

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
Prop Serial # : HH3996
Prop TSN/TSO : 510.70 /
Prop Position :

A/C Reg # : N576MA
Work Order # : STP51451
A/C Ser # : 545
A/C Time : 510.70

**AtlanticAero**

A GREENWICH AEROGROUP COMPANY

P.O. Box 35408 Greensboro, NC 27425
Tel 800-334-2001 Fax 336-668-4434
<http://www.atlantic-aero.com>

Log Book : Propeller

Date : 9/19/2014

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
Prop Serial # : HH3996
Prop TSN/TSO : 711.80 /
Prop Position : Propeller

A/C Reg # : N576MA
Work Order # : S15-53820
A/C Ser # : 545
A/C Time : 711.80

**LANDMARK
AVIATION**

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

Log Book : Propeller

Date : 9/18/2015

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.


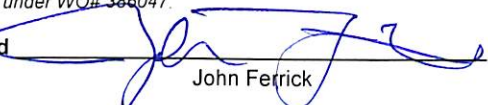
Signed:



for Landmark Aviation, Inc CRS# FWGR752D

Page 4

Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
4/30/16	814.8	0.0	814.8	<div style="display: flex; justify-content: space-between;"> <div> 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-61-1361, 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 .  John Martin, Repairman #3776042 Repair Station # SJ3R843L </div> <div>  April 30, </div> </div>

<p>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***</p> <p>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</p> 			
<div style="display: flex; justify-content: space-between; align-items: flex-end;"> <div> <input type="checkbox"/> Wisconsin Aviation - Madison 3606 Corben Court Madison, WI 53704 608-268-5003 </div> <div>  </div> <div> <input checked="" type="checkbox"/> Wisconsin Aviation - Watertown 1741 River Drive Watertown, WI 53094 920-261-4567 </div> </div>			

Date	Propeller TSN TSO	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	<div style="text-align: center;">  <p>ELLIOTT AVIATION</p> </div> <p style="text-align: center;">Propeller Log Entry</p> <p>Elliott Aviation of Des Moines, LLC Des Moines Airport 2800 McKinley Avenue Des Moines, IA 50321-2806</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. Special Inspection * 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. Maintenance Action * 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  for Elliott Aviation of Des Moines, LLC John Ferrick CRS# JEMR166F</p> <p style="text-align: right;">Page 1 of 1</p>

WO# 386472 Reg# N576MA Hobbs: 1606.1 PTT: 1606.1	Date: 9/5/2021 Prop SN: HH4009 PTSOH: 791.3	<div style="text-align: center;">  <p>ELLIOTT AVIATION</p> </div> <p style="text-align: center;">Propeller Log Entry</p> <p>Elliott Aviation of Des Moines, LLC Des Moines Airport 2800 McKinley Avenue Des Moines, IA 50321-2806</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. Special Inspection * 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  for Elliott Aviation of Des Moines, LLC Brett Nelson CRS# JEMR166F</p> <p style="text-align: right;">Page 1 of 1</p>

D

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

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

Brian J. Ozark
 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

Brian J. Ozark
 Brian J. Ozark AP41640790