

**HARTZELL**

# PROPELLER LOGBOOK

PROPELLER MODEL HC-E4N-3Q

PROPELLER S/N HH1287

LOGBOOK # 1



12/6/02 HM 126.0 T/T 126.0

I certify that this propeller has been inspected I/A/W Pipers 100hr Progressive inspection manual P/N 767-009 and complied with event 1 and 2 inspection *Clark Walker AIP 260453692IA*

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

|   |  |   |  |   |                   |
|---|--|---|--|---|-------------------|
| 1. UNITED STATES  |  | 2. <b>FAA FORM 8130-3</b><br>AIRWORTHINESS APPROVAL TAG<br>U.S. Department of Transportation<br>Federal Aviation Administration |  | 3. System Tracking Ref. No.<br><br>127436     |                   |
| 4. Organization<br>6005 Propeller Lane<br>Sellersburg, IN 47172<br>FAA Approved Repair<br>Station # PZ4R458M<br>http://www.aircraft-specialists.com<br>Anti-Drug and Alcohol Program # D-GL-00214-S   |  |   | 5. Work Order, Contract, or Invoice Number<br><br>127436   |   |                   |
| 6. Item<br>Hartzell Propeller   |  | 7. Description<br>Hartzell Propeller  | 8. Part Number<br>HC-E4N-3Q/E8501B-3.5   | 9. Eligibility *<br>VARIOUS                   | 10. Quantity<br>1 |
| 11. Serial/Batch Number<br>HH1287   |  | 12. Status/Work<br>Repaired   |  |   |                   |
| 13. Remarks<br>Resealed Hartzell Propeller, Model HC-E4N-3Q/E8501B-3.5, Blade #1 S/N J61291, Blade #2 S/N J61293, Blade #3 S/N J61295, Blade #4 S/N J61298.   |  |   |  |   |                   |
| * (Optional) Installer must cross check eligibility with applicable technical data.   |  |   |  |   |                   |
| 14. New <input type="checkbox"/><br>Newly Overhauled <input type="checkbox"/><br>Certifies that the new or newly overhauled part(s) identified above, except as otherwise specified in block 13 was (were) manufactured in accordance with FAA approved design data and airworthiness<br><b>NOTE:</b> In case of parts to be exported, the special requirements of the importing country have been met.   |  |   | 19. <b>Return to Service in Accordance with FAR 43.9</b><br>Certifies that the work specified in block 13 (or attached) above was carried out in accordance with FAA airworthiness regulations and in respect to the work performed the part(s) is (are) approved for return to service. |   |                   |
| 15. Signature:  |  | 16. FAA Authorization No.:  |  | 20. Authorized Signature:<br><i>C M Jones</i> |                   |
| 17. Name (Typed or Printed):  |  | 18. Date:   |  | 21. Certificate Number:<br>PZ4R458M           |                   |
|   |  |   |  | 23. Date:<br>1/6/05                           |                   |
| Airworthiness Approval Tag User/Installer Responsibilities: It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly. Where the user/installer work in accordance with the national regulations of an Airworthiness Authority different than the Airworthiness Authority of the country specified in block 1 it is essential that the user/installer ensures that his/her Airworthiness Authority accepts part/component/assemblies from the Airworthiness Authority of the country specified in block 1. Statements in block 14 and 19 do not constitute installation certification. In all cases aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown. The FAA Form 8130-3 and JAA Form One are equivalent. Other countries such as C... |  |   |  |   |                   |

\*\*\*\*\*MUNCIE AVIATION CO. CRS#AJVR135C\*\*\*\*\*

N14GV DATE 4/17/2006 TACH 812.2  
Complied with Annual Inspection,dressed and Lubed

Make Hartzell Ser.No. HH1287  
Model HC-E4N-3Q Reg Mark N14GV  
The aircraft/component identified above was repaired inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed  
Pertinent details of the repair are on file at the agency  
Work Order No. 17704 Date 4/17/2006  
Signed *[Signature]* Inspector for  
MUNCIE AVIATION CO. CRS#AJVR135C  
MUNCIE, IN 47308 765-289-7141



\*\*\*\*\*MUNCIE AVIATION CO. CRS#AJVR135C\*\*\*\*\*

N14GV DATE 10/12/2006 TACH 922.6  
Complied with Annual Inspection,dressed and Lubed

Make Hartzell Ser.No. HH1287  
Model HC-E4N-3Q Reg. Mark N14GV  
The aircraft/component identified above was repaired inspected in accordance with current Regulations of the Federal Aviation Administration and found airworthy, and is approved for return to service for work performed  
Pertinent details of the repair are on file at the agency  
Work Order No. 17704 Date 10/12/2006  
Signed *[Signature]* Inspector for  
MUNCIE AVIATION CO. CRS#AJVR135C  
MUNCIE, IN 47308 765-289-7141



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CORPORATE AIRCRAFT MAINTENANCE

A/C  
Hrs

325 Airport Road  
Washington, PA 15301  
(724) 228-6400  
Fax (724) 228-6448  
custservice@cheyenneairservice.com

s Directives,  
and Inspections.

# PROPELLER LOG

N14GV

S/N HH-1287

W/O #7832 AFTT: 1424.2 HOBBS: 1424.2 TCSN: 961 02/05/10

C/W Event #1 and #2 Inspection per Piper Manual 767-009 revised 04/15/07.

C/W 50 HR Propeller heater inspection per 30-60-00.

Stripped, dressed, and painted propeller.

PAGE ONE OF ONE

CHEYENNE AIR SERVICE  
325 AIRPORT ROAD  
WASHINGTON PA 15301

PH. 724-228-6400 FAX 724-228-6448

I CERTIFY THAT THIS AIRCRAFT, AIRFRAME, ENGINE, PROPELLER IDENTIFIED HAS BEEN INSPECTED IN ACCORDANCE WITH EVENT #1 AND #2/ANNUAL INSPECTION OF PIPER MANUAL 767-009 AND APPROVED ON WO# 7832 DATE 02/05/10 TOTAL TIME 1424.2 FOR RETURN TO SERVICE FOR THE WORK PERFORMED.

SIGNED Craig J. Stephan FOR APPROVED REPAIR STATION GW1R181K

\*\*\*\*\*MUNCIE AVIATION CO.CRS#AJVR135C\*\*\*\*\*

N14GV Date 3/4/2011 1579.4 Hrs.

Complied with Annual Inspection cleaned and dressed.

I certify that this Propellor has been inspected in accordance with a Annual Inspection and was determined to be in airworthy condition.

Repair Station No. AJVR135C

Make Hartzell Ser.No. HH1232

Model HC-E4N-3Q Reg.Mark N14GV

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. T1259 Date 3/4/2011

Signed Sub. [Signature] Inspector for




MUNCIE AVIATION CO. CRS#AJVR135C




MUNCIE, IN 47308 765-289-7141







| Date  | Propeller<br>TSN TSO | A/C<br>Hrs          | Description of all operations pertaining to Airworthiness Directives,<br>Service Documents, Overhaul, Major or Minor Repair, and Inspections. |               |  |  |
|---|----------------------|---------------------|---|---------------|--|--|
|  <div style="float: right; text-align: right;"> <b>INTERNATIONAL AIRPORT</b><br/>           PO BOX 35126 - DES MOINES, IOWA 50315-0302<br/>           TELEPHONE (515) 256-5300 - FAX (515) 256-5537<br/>           dmfs.com         </div> |                      |                     |   |               |  |  |
| 04/06/2012  | N14GV                | PIPER PA 46-500TP   | SN 4697092  |               |  |  |
| HOBBS: 1728.1   | TOTAL: 1728.1        | TOTAL CYCLES        | 1192  |               |  |  |
| MAKE<br>HARTZELL  | MODEL<br>HC-E4N-3Q   | SERIAL No<br>HH1287 | TOTAL<br>1728.1   | TSMOH<br>86.2 |  |  |
| Complied with an Annual Inspection per Piper PA 46-500TP Airplane Maintenance Manual, 767-005, dated 07/01/2010, Event 1 and 2 Inspection check list Chapter 5-20-00  |                      |                     |   |               |  |  |
| 1. Inspected and Lubricated Propeller   |                      |                     |   |               |  |  |
| I certify that this <b>Propeller</b> has been inspected in accordance with an <b>Annual Inspection</b> and was determined to be in an airworthy condition. Other details of this inspection are on file at this agency under Work Order No. <b>18124</b> .  |                      |                     |   |               |  |  |
| Date Signed 04/06/2012:  <br>Paul Cawthorn<br>Des Moines Flying Service, Inc., FAA CRS G9CR485J   |                      |                     |   |               |  |  |



|   |                  |                    |                     |                 |               |  |
|---|------------------|--------------------|---------------------|-----------------|---------------|--|
|  <div style="float: right; text-align: right;"> <b>INTERNATIONAL AIRPORT</b><br/>           PO BOX 35126 - DES MOINES, IOWA 50315-0302<br/>           TELEPHONE (515) 256-5300 - FAX (515) 256-5537<br/>           dmfs.com         </div> |                  |                    |                     |                 |               |  |
| 05/21/2013  | N14GV            | PA46-500TP         | SN 4697092          |                 |               |  |
| HOBBS:1812.8  | TOTAL: 1812.8    | CYCLES: 1253       |                     |                 |               |  |
| PROP  | MAKE<br>HARTZELL | MODEL<br>HC-E4N-3Q | SERIAL No<br>HH1287 | TOTAL<br>1812.8 | SMOH<br>170.9 |  |
| Complied with an Annual Inspection per Piper PA 46-500TP Airplane Maintenance Manual, 767-005, dated 02/16/2012, Event 1 and 2 Inspection check list Section 5-20-00  |                  |                    |                     |                 |               |  |
| 1. Performed 6 month propeller lubrication<br>2. Complied with 50 hour propeller heater inspection, no defects noted at this time   |                  |                    |                     |                 |               |  |
| I certify that this <b>Propeller</b> has been inspected in accordance with an <b>Annual Inspection</b> and was determined to be in an airworthy condition. Other details of this inspection are on file at this agency under Work Order No. <b>18448</b> .  |                  |                    |                     |                 |               |  |
| Date Signed 05/21/2013:  <br>Joshua Boyd<br>Des Moines Flying Service, Inc., FAA CRS G9CR485J  |                  |                    |                     |                 |               |  |













| Date  | Propeller     |                  | A/C<br>Hrs         | Description of all operations pertaining to Airworthiness Directives,<br>Service Documents, Overhaul, Major or Minor Repair, and Inspections. |                 |              |
|---|---------------|------------------|--------------------|---|-----------------|--------------|
|   | TSN           | TSO              |                    |   |                 |              |
|  <div style="float: right; text-align: right;"> <b>INTERNATIONAL AIRPORT</b><br/>           PO BOX 35126 - DES MOINES, IOWA 50315-<br/>           0302 TELEPHONE (515) 256-5300 - FAX (515)<br/>           256-5537<br/>           dmfs.com         </div> |               |                  |                    |   |                 |              |
| 10/17/2018  |               |                  | N14GV              | PIPER PA46-500TP  | SN 4697092      |              |
|   | HOBBS: 2284.1 |                  | TOTAL: 2284.1      |   |                 |              |
|   | PROP          | MAKE<br>HARTZELL | MODEL<br>HC-E4N-3Q | SERIAL No<br>HH1287   | TOTAL<br>2284.1 | TSO<br>644.2 |
| Complied with an annual inspection using Piper PA46-500TP Maintenance Manual PN 767-005,<br>dated 03/29/2018, chapter 5-20-00 Inspection Checklist  |               |                  |                    |   |                 |              |
| 1. Inspected, lubricated, and dressed propeller.<br>2. Replaced Beta Brush  |               |                  |                    |   |                 |              |
| I certify that this <b>Propeller</b> has been inspected in accordance with an <b>Annual Inspection</b> and was<br>determined to be in an airworthy condition. Other details of this inspection are on file at this agency<br>under Work Order No <b>20355</b> .   |               |                  |                    |   |                 |              |
| Date Signed 10/17/2018: <u>Paul Cawthorn</u> <br>Des Moines Flying Service, Inc., FAA CRS G9CR485J   |               |                  |                    |   |                 |              |
|   |               |                  |                    |   |                 |              |
|   |               |                  |                    |   |                 |              |
|   |               |                  |                    |   |                 |              |

| Date  | Propeller     |                  | A/C<br>Hrs         | Description of all operations pertaining to Airworthiness Directives,<br>Service Documents, Overhaul, Major or Minor Repair, and Inspections. |                 |              |
|---|---------------|------------------|--------------------|---|-----------------|--------------|
|   | TSN           | TSO              |                    |   |                 |              |
|  <div style="float: right; text-align: right;"> <b>INTERNATIONAL AIRPORT</b><br/>           PO BOX 35126 - DES MOINES, IOWA 50315-<br/>           0302 TELEPHONE (515) 256-5300 - FAX (515)<br/>           256-5537<br/>           dmfs.com         </div> |               |                  |                    |   |                 |              |
| 11/01/2019  |               |                  | N14GV              | PIPER PA46-500TP  | SN 4697092      |              |
|   | HOBBS: 2388.9 |                  | TOTAL: 2388.9      |   |                 |              |
|   | PROP          | MAKE<br>HARTZELL | MODEL<br>HC-E4N-3Q | SERIAL No<br>HH1287   | TOTAL<br>2388.9 | TSO<br>747.0 |
| Complied with an annual inspection using Piper PA46-500TP Maintenance Manual PN 767-005,<br>dated 03/29/2018, chapter 5-20-00 Inspection Checklist  |               |                  |                    |   |                 |              |
| 1. Inspected, lubricated, and dressed propeller.<br>2. Replaced Beta Brush  |               |                  |                    |   |                 |              |
| I certify that this <b>Propeller</b> has been inspected in accordance with an <b>Annual Inspection</b> and was<br>determined to be in an airworthy condition. Other details of this inspection are on file at this agency<br>under Work Order No <b>20727</b> .   |               |                  |                    |   |                 |              |
| Date Signed 11/01/2019: <u>Paul Cawthorn</u> <br>Des Moines Flying Service, Inc., FAA CRS G9CR485J   |               |                  |                    |   |                 |              |
|   |               |                  |                    |   |                 |              |
|   |               |                  |                    |   |                 |              |
|   |               |                  |                    |   |                 |              |
|   |               |                  |                    |   |                 |              |

| Date  | Propeller |                  | A/C<br>Hrs         | Description of all operations pertaining to Airworthiness Directives,<br>Service Documents, Overhaul, Major or Minor Repair, and Inspections. |
|---|-----------|------------------|--------------------|---|
|   | TSN       | TSO              |                    |   |
|   |           |                  |                    |   |
| <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 30%;">  <p><b>DES MOINES</b><br/>FLYING SERVICE</p> </div> <div style="width: 35%; text-align: center;"> <p><b>INTERNATIONAL AIRPORT</b><br/>           PO BOX 35126 – DES MOINES, IOWA 50315-<br/>           0302 TELEPHONE (515) 256-5300 – FAX (515)<br/>           256-5537<br/>           dmfs.com</p> </div> <div style="width: 30%;"></div> </div>   |           |                  |                    |   |
| 12/03/2020  |           |                  | N14GV              | PIPER PA46-500TP SN 4697092   |
|   | HOBBS:    | 2477.5           | TOTAL:             | 2477.5  |
|   | PROP      | MAKE<br>HARTZELL | MODEL<br>HC-E4N-3Q | SERIAL No<br>HH1287   |
|   |           |                  | TOTAL              | TSO   |
|   |           |                  | 2477.5             | 835.6   |
| <p>Complied with an annual inspection using Piper PA46-500TP Maintenance Manual PN 767-005,<br/> dated 03/29/2018, chapter 5-20-00 Inspection Checklist<br/> 07/31/2019 PC</p> <ol style="list-style-type: none"> <li>1. Inspected, lubricated, and dressed propeller.</li> <li>2. Replaced Beta Brush</li> </ol> <p>I certify that this <b>Propeller</b> has been inspected in accordance with an <b>Annual Inspection</b> and was<br/> determined to be in an airworthy condition. Other details of this inspection are on file at this agency<br/> under Work Order No <b>21233</b>.</p> <p>Date Signed 12/03/2020: <u>Paul Cawthorn</u><br/> Paul Cawthorn</p> <p>Des Moines Flying Service, Inc., FAA CRS G9CR485J</p> <div style="text-align: right;">  </div> |           |                  |                    |   |