

**HARTZELL**

# PROPELLER LOGBOOK

PROPELLER MODEL HC-E4N-3Q

PROPELLER S/N HH2717

LOGBOOK # 1

Pro  
TSN

# Propeller

## Columbia Air Services, Inc. LOG BOOK ENTRY

Page 1 of 1

A/C REG: N1066D/N626AR

A/C S/N: 4697286

DATE: 06/22/07

A/C TOTAL TIME: 76.8

HOUR METER: 76.8

W/O NO: MWO-07-2145

ENGINE TOTAL TIME 76.8

S.M.O.H.

1. Complied with a 1<sup>st</sup> 50 Hour Inspection per The New Piper Aircraft, Inc. Warrantable 1<sup>st</sup> 50 Hour Inspection Report, P/N: 765-041.
2. Complied with 50 hour propeller heater special inspection.
3. Complied with six (6) month propeller lubrication special inspection.
4. AD 2006-24-07 amend. 39-14836 dated 1/3/07, Propellers returned to service by CSE Aviation, does not apply. Installed propeller, Hartzell Model HC-E4N-3Q S/N: HH2717, is not listed in Table 1 of AD note. No action required.
5. Resealed propeller deice leads as required.
6. Performed dynamic balance of propeller using Chadwick-Helmuth Model 192A. Adjusted balance weights as required to reduce out-of-balance condition to less than .05 I.P.S.
7. Dressed and painted propeller blades as required.
8. Adjusted propeller reverse RPM in accordance with The new Piper Aircraft, Inc. M.M. chapter 76-10-00.
9. Performed post inspection ground run, operational and leak checks satisfactory.

COLUMBIA AIR SERVICES, INC.  
GROTON-NEW LONDON AIRPORT  
GROTON, CONNECTICUT 06340

FAA Repair Station #SO5R204N. Work Order # MWO-07-2144  
I certify that this Propeller has been inspected in accordance with a 1<sup>st</sup> 50 Hour Inspection per The New Piper Aircraft, Inc. Warrantable 1<sup>st</sup> 50 Hour Inspection Report, P/N: 765-041 and has been found airworthy for the work performed.  
Date: 06/22/07 A/C Total Time: 76.8

Signature: [Signature]

### Maintenance Release

The Aircraft, Airframe, Engine, Propeller, Or Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulations Of The Federal Aviation Administration And Is Approved For Return To Service For The Work Performed. Permanent Records Of The Repair Are On File At This Repair Station Under:

W/O# MWO-07-2144 Date: 06/22/07 Signed: [Signature]

For Columbia Air Services, Inc. FAA Certified Repair Station # SO5R204N Groton-New London Airport Groton, CT 06340

-----END-----

# Propeller

## Columbia Air Services, Inc. LOG BOOK ENTRY

Page 1 of 1

A/C REG: N626AR

A/C S/N: 4697286

DATE: 12/17/07

A/C TOTAL TIME: 135.9

HOUR METER: 135.9

W/O NO: MWO-07-2316

ENGINE TOTAL TIME 135.9

S.M.O.H.

1. Complied with an Annual Inspection per The New Piper Aircraft, Inc. PA-46-500TP, Malibu Meridian Maintenance Manual chapter 5-20-00.
2. Complied with 50 hour propeller heater special inspection.
3. Complied with six (6) month/400 hour/one (1) year propeller lubrication special inspection.
4. Performed post inspection ground run, operational and leak checks satisfactory.

COLUMBIA AIR SERVICES, INC.  
GROTON-NEW LONDON AIRPORT  
GROTON, CONNECTICUT 06340

FAA Repair Station #SO5R204N. Work Order # MWO-07-2316  
I certify that this Propeller has been inspected in accordance with an Annual Inspection per The New Piper Aircraft, Inc. PA-46-500TP Malibu Meridian Maintenance Manual chapter 5-20-00 and has been found airworthy for the work performed.  
Date: 12/17/07 A/C Total Time: 135.9

Signature: [Signature]  
Title: Chief Inspector

### Maintenance Release

The Aircraft, Airframe, Engine, Propeller, Or Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulations Of The Federal Aviation Administration And Is Approved For Return To Service For The Work Performed. Permanent Records Of The Repair Are On File At This Repair Station Under:

W/O# MWO-07-2316 Date: 12/17/07 Signed: [Signature]

For Columbia Air Services, Inc. FAA Certified Repair Station # SO5R204N Groton-New London Airport Groton, CT 06340

Date	TS	<b>Propeller</b> <b>Columbia Air Services, Inc.</b> <b>LOG BOOK ENTRY</b>	Page 1 of 1
		A/C REG: <u>N626AR</u>	A/C S/N: <u>4697286</u>
DATE: 12/16/08	A/C TOTAL TIME: 219.9	HOUR METER: 219.9	
W/O NO: MWO-08-2548	ENGINE TOTAL TIME 219.9	S.M.O.H.	
<ol style="list-style-type: none"> <li>1. Complied with an Annual Inspection per Piper Aircraft, Inc. PA-46-500TP, Malibu Meridian M.M. Event 1 &amp; 2 checklists chapter 5-20-00.</li> <li>2. Complied with 50 hour propeller heater special inspection.</li> <li>3. Complied with six (6) month/400 hour/one (1) year propeller lubrication special inspection.</li> <li>4. Performed post inspection ground run, operational and leak checks satisfactory.</li> </ol> <p style="text-align: center;">-----END-----</p>			
<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"> <p style="text-align: center; margin: 0;"><b>COLUMBIA AIR SERVICES, INC.</b> GROTON-NEW LONDON AIRPORT GROTON, CONNECTICUT 06340</p> <p style="font-size: small; margin: 5px 0;">FAA Repair Station #S05R204N. Work Order # <u>MWO-08-2548</u> I certify that this <u>Propeller</u> has been inspected in accordance with an <u>Annual</u> Inspection per Piper Aircraft, Inc. PA-46-500TP Malibu Meridian Maintenance Manual chapter 5-20-00 and has been found airworthy for the work performed. Date: <u>12/16/08</u> A/C Total Time: <u>219.9</u> Signature: <u>Keith C. Hand</u></p> </div>			
<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"> <p style="font-size: x-small; margin: 0;"><b>Maintenance Release</b> The Aircraft, Airframe, Engine, Propeller, Or Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulations Of The Federal Aviation Administration And Is Approved For Return To Service For The Work Performed. Permanent Records Of The Repair Are On File At This Repair Station Under: W/O # <u>MWO-08-2548</u> Date: <u>12/16/08</u> Signed: <u>Keith C. Hand</u> For <b>Columbia Air Services, Inc.</b> FAA Certified Repair Station # S05R204N Groton-New London Airport Groton, CT 06340</p> </div>			

Date	TS	<b>Propeller</b> <b>Columbia Air Services, Inc.</b> <b>LOG BOOK ENTRY</b>	Page 1 of 1
		A/C REG: <u>N626AR</u>	A/C S/N: <u>4697286</u>
DATE: 12/08/09	A/C TOTAL TIME: 291.4	HOUR METER: 291.4	
W/O NO: MWO-09-3057	ENGINE TOTAL TIME 291.4	S.M.O.H.	
<ol style="list-style-type: none"> <li>1. Complied with an Annual Inspection per Piper Aircraft, Inc. PA-46-500TP, Malibu Meridian M.M. Event 1 &amp; 2 checklists chapter 5-20-00.</li> <li>2. Complied with 50 hour propeller heater special inspection.</li> <li>3. Complied with six (6) month/400 hour/one (1) year propeller lubrication special inspection.</li> <li>4. Removed and replaced beta feedback carbon block with new, P/N: CA3026.</li> <li>5. Performed post inspection ground run, operational and leak checks satisfactory.</li> </ol> <p style="text-align: center;">-----END-----</p>			
<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"> <p style="text-align: center; margin: 0;"><b>COLUMBIA AIR SERVICES, INC.</b> GROTON-NEW LONDON AIRPORT GROTON, CONNECTICUT 06340</p> <p style="font-size: small; margin: 5px 0;">FAA Repair Station #S05R204N. Work Order # <u>MWO-09-3057</u> I certify that this <u>Propeller</u> has been inspected in accordance with an <u>Annual</u> Inspection per Piper Aircraft, Inc. PA-46-500TP Malibu Meridian Maintenance Manual chapter 5-20-00 and has been found airworthy for the work performed. Date: <u>12/08/09</u> A/C Total Time: <u>291.4</u> Signature: <u>John D. [Signature]</u> Title: <u>Chief Inspector</u></p> </div>			
<div style="border: 1px solid black; padding: 5px; margin: 10px auto; width: 80%;"> <p style="font-size: x-small; margin: 0;"><b>Maintenance Release</b> The Aircraft, Airframe, Engine, Propeller, Or Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulations Of The Federal Aviation Administration And Is Approved For Return To Service For The Work Performed. Permanent Records Of The Repair Are On File At This Repair Station Under: W/O # <u>MWO-09-3057</u> Date: <u>12/08/09</u> Signed: <u>John D. [Signature]</u> For <b>Columbia Air Services, Inc.</b> FAA Certified Repair Station # S05R204N Groton-New London Airport Groton, CT 06340</p> </div>			

## Propeller

Columbia Air Services, Inc.  
LOG BOOK ENTRY

Page 1 of 1

Date

A/C REG: N626ARA/C S/N: 4697286

DATE: 12/03/10

A/C TOTAL TIME: 357.3

HOUR METER: 357.3

W/O NO: MWO-10-3441

ENGINE TOTAL TIME 357.3

S.M.O.H.

1. Complied with an Annual Inspection per Piper Aircraft, Inc. PA-46-500TP, Malibu Meridian M.M. Event 1 & 2 checklists chapter 5-20-00.
2. Complied with 50 hour propeller heater special inspection.
3. Complied with six (6) month/400 hour/one (1) year propeller lubrication special inspection.
4. Performed post inspection ground run, operational and leak checks satisfactory.

-----END-----

COLUMBIA AIR SERVICES, INC.  
GROTON-NEW LONDON AIRPORT  
GROTON, CONNECTICUT 06340

FAA Repair Station #S05R204N, Work Order # MWO-10-3441  
 I certify that this Propeller has been inspected in accordance with an  
Annual Inspection per Piper Aircraft, Inc. PA-46-500TP Malibu  
 Meridian Maintenance Manual Event 1 & 2 Checklists chapter 5-20-  
 00 and has been found airworthy for the work performed.

Date: 12/03/10 A/C Total Time: 357.3

Signature: [Signature]  
Title: Chief Inspector

## Maintenance Release

The Aircraft, Airframe, Engine, Propeller, Or Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulations Of The Federal Aviation  
 Administration And Is Approved For Return To Service For The Work Performed. Permanent Records Of The Repair Are On File At This Repair Station Under:

W/O# MWO-10-3441 Date: 12/03/10Signed: [Signature]For **Columbia Air Services, Inc.** FAA Certified Repair Station # S05R204N Groton-New London Airport Groton, CT 06340

## Propeller

Columbia Air Services, Inc.  
LOG BOOK ENTRY

Page 1 of 1

A/C REG: N626ARA/C S/N: 4697286

DATE: 03/03/11

A/C TOTAL TIME: 363.5

HOUR METER: 363.5

W/O NO: MWO-11-3524

ENGINE TOTAL TIME 363.5

S.M.O.H.

1. Removed and replaced propeller heat module with new, P/N: 102227-006. Operational check satisfactory. Work performed in accordance with Piper Aircraft, Inc. PA46-500TP M.M. chapter 91-30-60.
2. Performed engine ground run. Operational and leak checks satisfactory.

-----END-----

## Maintenance Release

The Aircraft, Airframe, Engine, Propeller, Or Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulations Of The Federal Aviation  
 Administration And Is Approved For Return To Service For The Work Performed. Permanent Records Of The Repair Are On File At This Repair Station Under:

W/O# MWO-11-3524 Date: 03/03/11Signed: [Signature]For **Columbia Air Services, Inc.** FAA Certified Repair Station # S05R204N Groton-New London Airport Groton, CT 06340



Date

## Propeller

Columbia Air Services, Inc.  
LOG BOOK ENTRY

Page 1 of 1

A/C REG: N626ARA/C S/N: 4697286DATE: 12/21/11A/C TOTAL TIME: 410.4HOUR METER: 410.4W/O NO: MWO-11-3786ENGINE TOTAL TIME 410.4

S.M.O.H.

1. Complied with an Annual Inspection per Piper Aircraft, Inc. PA-46-500TP, Malibu Meridian M.M. Event 1 & 2 checklists chapter 5-20-00. Researched AD's through Bi-Weekly 2011-25.
2. Complied with 50 hour propeller heater special inspection.
3. Complied with six (6) month/400 hour/one (1) year propeller lubrication special inspection.
4. Removed and replaced beta feedback carbon block with new, P/N: CA3026.
5. Dressed and painted propeller blades as required.
6. Performed post inspection ground run, operational and leak checks satisfactory.

-----END-----

COLUMBIA AIR SERVICES, INC.  
GROTON-NEW LONDON AIRPORT  
GROTON, CONNECTICUT 06340

FAA Repair Station #SO5R204N, Work Order # MWO-11-3786  
 I certify that this Propeller has been inspected in accordance with an  
Annual Inspection per Piper Aircraft, Inc. PA-46-500TP Malibu  
 Meridian Maintenance Manual Event 1 & 2 Checklists chapter 5-20-  
 00 and has been found airworthy for the work performed.  
 Date: 12/21/11 A/C Total Time: 410.4  
 Signature: [Signature]  
 Title: Chief Inspector

## Propeller

Columbia Air Services, Inc.  
LOG BOOK ENTRY

Page 1 of 1

A/C REG: N626ARA/C S/N: 4697286DATE: 12/14/12A/C TOTAL TIME: 458.6HOUR METER: 458.6W/O NO: MWO-12-4096ENGINE TOTAL TIME 458.6

S.M.O.H.

1. Complied with an Annual Inspection per Piper Aircraft, Inc. PA-46-500TP, Malibu Meridian M.M. Event 1 & 2 checklists chapter 5-20-00. Researched AD's through Bi-Weekly 2012-24.
2. Complied with 50 hour propeller heater special inspection.
3. Complied with six (6) month/400 hour/one (1) year propeller lubrication special inspection.
4. Dressed and painted propeller blades as required.
5. Performed post inspection ground run, operational and leak checks satisfactory.

-----END-----

COLUMBIA AIR SERVICES, INC.  
GROTON-NEW LONDON AIRPORT  
GROTON, CONNECTICUT 06340


FAA Repair Station #SO5R204N, Work Order # MWO-12-4096  
 I certify that this Propeller has been inspected in accordance with an  
Annual Inspection per Piper Aircraft, Inc. PA-46-500TP Malibu  
 Meridian Maintenance Manual Event 1 & 2 Checklists chapter 5-20-  
 00 and has been found airworthy for the work performed.  
 Date: 12/14/12 A/C Total Time: 458.6

Signature: [Signature]

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><b>AIRCRAFT REG:</b> N277WT      <b>DATE:</b> 4/16/14</p> <p><b>MFG:</b> Hartzell      <b>WORK PACKAGE:</b> P4801</p> <p><b>MODEL:</b> HC-E4N-3Q      <b>TACH TIME:</b></p> <p><b>SERIAL:</b> HH2717      <b>TOTAL TIME:</b> 625.0</p> <p><b>HOUR METER:</b> 625.0      <b>TSMOH:</b></p> <p>Perform propeller 100 hour inspection. in accordance with in FAR43 Appendix D inspection guidelines. Lubricated prop hub and dressed all blades referencing Chptr. 61-10 of Meridian maint. manual.</p> <p>The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work package no. P4801</p> <p>Signed: <u>Eddie S. Taylor</u> Eddie S. Taylor for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341</p> <p style="text-align: right;">Page 1 of 1</p>


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><b>AIRCRAFT REG:</b> N277WT      <b>DATE:</b> 5/16/16</p> <p><b>MFG:</b> Hartzell      <b>WORK PACKAGE:</b> P5821</p> <p><b>MODEL:</b> HC-E4N-3Q      <b>TACH TIME:</b> N/A</p> <p><b>SERIAL:</b> HH2717      <b>TOTAL TIME:</b> 816.8</p> <p><b>HOUR METER:</b> 816.8      <b>TSMOH:</b> 816.8</p> <p>Performed 100 hour inspection and service on Propeller and attaching components. Propeller assembly found to be in satisfactory condition.</p> <p>The aircraft, airframe, engine, propeller or appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is approved for return to service. Pertinent details of the repair are on file at this repair station under work package no. P5821</p> <p>Signed: <u>Joseph Jordan</u> Joseph Jordan for Epps Air Service, Inc., ESMR688D, 1 Aviation Way, Atlanta, GA 30341</p> <p style="text-align: right;">Page 1 of 1</p>

[illegible]

	AIRCRAFT REG: N277WT	DATE: 20-Nov-2019
	MFG: HARTZELL	WORK PACKAGE: P7388
	MODEL: HC-E4N-3a	TACH TIME:
	SERIAL: HH2717	TOTAL TIME:
	HOOR METER: 1060.3	TSMOH: 0.00





1. Approving National Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA FORM 8130-3 AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: PRP22-05017	
4. Organization Name and Address: Aircraft Specialists, Inc., 6005 Propeller Lane, Sellersburg, IN 47172				5. Work Order/Contract/Invoice Number: PRP22-05017		
6. Item:		7. Description:		8. Part Number:	9. Quantity:	10. Serial Number:
		Hartzell Propeller		HC-E4N-3Q	1	HH2717
11. Status/Work:						OVERHAULED
12. Remarks:  1.1 Overhauled Hartzell propeller, model HC-E4N-3Q/E8501B-3.5. Complied with Hartzell service letter HC-SL-61-366. All work performed in accordance with Hartzell manual 143A Rev. 24 dated 03/2022.						
13a. Certifies the items identified above were manufactured in conformity to:  <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 12.				14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.		
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: 		14c. Approval/Certificate No.: PZ4R458M
13d. Name (Typed or Printed):		13e. Date (m/d/y):		14d. Name (Typed or Printed): Chris White		14e. Date (dd/mmm/yyyy): October 07, 2022
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. Where the user/installer performs 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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a 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.						

# Propellor Logbook

Date: 10/13/2022



Reg No: N277WT	Aircraft Type: PA46-500TP	Aircraft S/N: 4697286
Flight: N/A	Hobbs: 1219.3	Aircraft Total Time: 1219.3
Prop TT: 1219.3	Prop SMOH: 0.0	

1. Removed propellor for overhaul, performed by ASI W/O #: PRP22-05017 P/N: HC-E4N-3Q S/N: HH2717. Reinstalled prop with new hardware IAW Aircraft and prop manual.
2. Performed run up and checked beta. Operational check good.

This aircraft, airframe, engine, propeller, or appliance identified was repaired and/or inspected in accordance with the current regulations of the Federal Aviation Administration and is approved for return to service for the work performed.

Date: 10/13/2022

Signed: 

Nathan Parton, A&P: 4368564