

N5180L

# PROPELLER LOG BOOK



*SENSE***SENICH** PROPELLER MFG. CO.

Lititz, Pennsylvania 17543

Internet: <http://www.sensenich.com>.

THIS LOG BOOK IS TO BE KEPT  
WITH THE PROPELLER  
FOR RECORDING OF ALL PROPELLER MAINTENANCE WORK PERFORMED

## PROPELLER MAINTENANCE RECORD

PROPELLER MODEL 76EM855-0-60

PROPELLER SERIAL NUMBER 34747K

**TABLE OF PROPELLER ATTACHING BOLT WRENCH TORQUE**  
Sensenich Metal Propellers (the proper torque is also shown on Blade Information Decal)

PROPELLER SERIES**	BOLT DIA. (inches)	RECOMMENDED WRENCH TORQUE		
		in.-lb.	ft.-lb.	n.-m.
69CK, M69CK (6 bolts) 72CK (6 bolts) 74CK, M74CK (6 bolts) 76AK, M76AK (6 bolts) 76AM6, M76AM (6 bolts) 74DM6, M74DM (6 bolts) 74DR, M74DR (8 bolts)	$\frac{3}{8}$ (0.375)	280-300	23-25	32-34
74DM7 (6 bolts)	$\frac{7}{16}$ (0.4375)	480-540	40-45	54-61
72CC, 72FM8 (6 bolts) 74DC, M74DC (6 bolts) * 76EM8, M76EMM (6 bolts) * 80BM8, M80BMM (bolts)	$\frac{1}{2}$ (0.500)	720-780	60-65	81-88

\* Not in production

\*\* These are the basic propeller models. Spacer addition does not affect recommended wrench torque.

**DESCRIPTION OF ALL OPERATIONS  
PERTAINING TO AIRWORTHINESS DIRECTIVES,  
SERVICE BULLETINS, SERVICE LETTERS,  
& MINOR ADJUSTMENTS**

*W.O. #14645 & 14646*

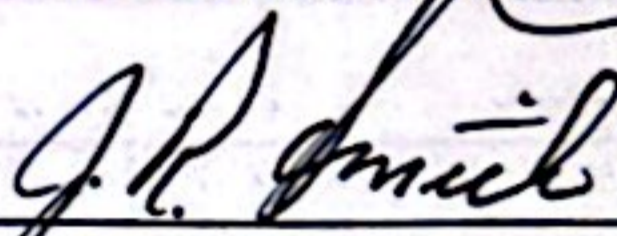
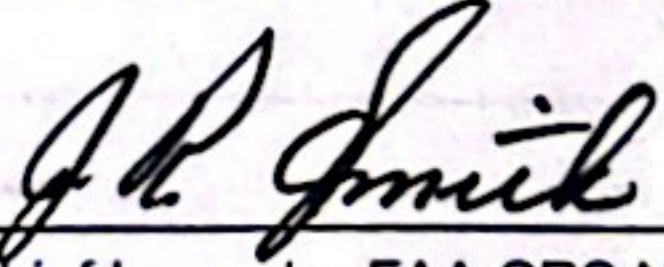
**Aerodyne Corporation  
C.R.S. #HO1R-199K  
5198 W. Military Highway  
Chesapeake, VA 23321**

**757-488-2898**

SIGNATURE

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE														
12 Feb 01	3903.15	Installed on N5180L, PA28-180D.	<i>J.P. Smith</i> HO1R-199K														
		<div style="display: flex; justify-content: space-between;"> <div style="width: 30%;"> <p>1. <b>UNIT STATES</b></p> </div> <div style="width: 40%; text-align: center;"> <p><b>FAA FORM 8130-3</b> Airworthiness Approval Tag <small>U.S. Department of Transportation Federal Aviation Administration</small></p> </div> <div style="width: 30%;"> <p>3. System Tracking Ref. No. <b>STX #34443-13</b></p> </div> </div>															
		<div style="display: flex; justify-content: space-between;"> <div style="width: 70%;"> <p>4. Organization <b>Sensenich Propeller Manufacturing Co., 14 Citation Lane, Lititz, Pa. 17543</b> Production Certificate #1WZ</p> </div> <div style="width: 30%;"> <p>5. Work Order, Contract, or Invoice Number: <b>JM313</b></p> </div> </div>															
		<table border="1" style="width:100%; border-collapse: collapse;"> <thead> <tr> <th style="width:5%;">6. Item</th> <th style="width:35%;">7. Description</th> <th style="width:20%;">8. Part Number</th> <th style="width:15%;">9. Eligibility *</th> <th style="width:10%;">10. Quantity</th> <th style="width:15%;">11. Serial Number</th> <th style="width:10%;">12. Status/Part</th> </tr> </thead> <tbody> <tr> <td align="center">1</td> <td>Propeller</td> <td align="center">76KMS85-0-60</td> <td>To Be Verified by Installer</td> <td align="center">1</td> <td align="center">34747 X</td> <td align="center">NEW</td> </tr> </tbody> </table>	6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial Number	12. Status/Part	1	Propeller	76KMS85-0-60	To Be Verified by Installer	1	34747 X	NEW	
6. Item	7. Description	8. Part Number	9. Eligibility *	10. Quantity	11. Serial Number	12. Status/Part											
1	Propeller	76KMS85-0-60	To Be Verified by Installer	1	34747 X	NEW											
		<p>13. Remarks <b>AIRWORTHINESS APPROVAL-PROPELLER. FOR DOMESTIC SHIPMENTS ONLY. THIS FORM IS NOT AN EXPORT APPROVAL</b></p>															
<p align="center"><small>Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new.</small></p>																	
		<div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>14. New <input checked="" type="checkbox"/>  Newly Overhauled <input type="checkbox"/></p> <p align="center"><small>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. NOTE: In case of parts to be exported, the special requirements of the importing country have been met.</small></p> </div> <div style="width: 40%;"> <p>18. Return to Service in accordance with FAR 43.9</p> <p align="center"><small>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.</small></p> </div> </div>															
		<p>15. Signature <i>Terry L. Griffe</i></p>	<p>16. FAA Authorization No.: <b>DMR 800575 ME</b></p>														
		<p>17. Name (Typed or Printed): <b>Terry L. Griffe</b></p>	<p>19. Authorized Signature:  Date: <b>02-01-2001</b></p>														
		<p>20. Certificate Number:</p>	<p>21. Date:</p>														

**DESCRIPTION OF ALL OPERATIONS  
PERTAINING TO AIRWORTHINESS DIRECTIVES,  
SERVICE BULLETINS, SERVICE LETTERS,  
& MINOR ADJUSTMENTS**

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
<b>PROP MODEL: 76EM8S5-0-60</b> <b>PROP S/N: 34747K</b> <b>REG. NO: N5180L</b> <b>WORK ORDER: 15310</b>		<b>Aerodyne Corporation</b> 5198 West Military Highway Chesapeake, Virginia 23321 USA Repair Station No. HO1R-199K	DATE: 3/20/2002 TTA: 4,201.29 TTP: 298.16 TSPOH: TACH: 4,201.29
<b>Prop Entries</b> (3) Completed propeller 100 hour inspection in accordance with the manufacturer's instructions and recommendations.... The aircraft / engine <u>propeller</u> identified hereon was inspected in accordance with a 100 hour Annual Inspection, found to be in an airworthy condition and approved for return to service.			
DATE: 3/20/2002	SIGNED:		WORK ORDER: 15310
	Certified Repair Station No. HO1R-199K		Printed by EBis ( <a href="http://www.datcomedia.com">http://www.datcomedia.com</a> )
<b>PROP MODEL: 76EM8S5-0-60</b> <b>PROP S/N: 34747K</b> <b>REG. NO: N5180L</b> <b>WORK ORDER: 15931</b>		<b>Aerodyne Corporation</b> 5198 West Military Highway Chesapeake, VA 23321 USA	DATE: 4/3/2003 TTA: 4,419.52 TTP: 516.39 TSPOH: 219.54 TACH: 4,419.52
<b>Prop Entries</b> (3) Completed propeller 100 hour inspection in accordance with the manufacturer's instructions and recommendations.... The propeller identified hereon was inspected in accordance with a 100 Hour Inspection, found to be in an airworthy condition and approved for return to service.			
DATE: 4/3/2003	SIGNED:		WORK ORDER: 15931
	J.R. Smith, A&P Chief Inspector FAA CRS No. HO1R-199K		Printed by EBis ( <a href="http://www.datcomedia.com">http://www.datcomedia.com</a> )

**DESCRIPTION OF ALL OPERATIONS  
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& MINOR ADJUSTMENTS**

PROP MODEL:  
76EM8S5-0-60  
PROP S/N: 34747K  
REG. NO: N5180L  
WORK ORDER: 16429

**Aerodyne Corporation**

Repair Station No. HO1R-199K  
5198 West Military Highway  
Chesapeake, VA 23321 USA  
Phone: (757) 488-2898

DATE: 5/7/2004  
A/C TSN: 4,553.42  
PROP TT: 650.29  
TMPOH: ~~353.44~~  
TACH: 4,553.42

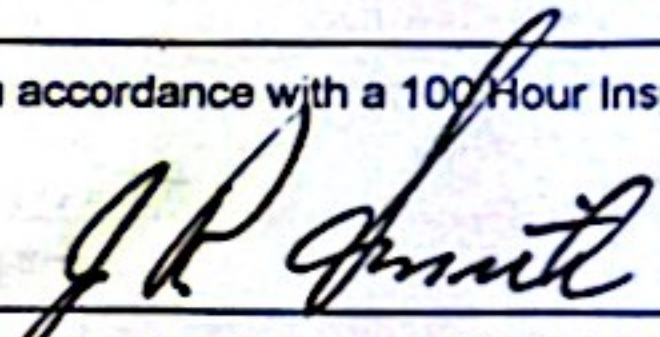
**Prop Entries**

(3) Completed propeller 100 hour inspection in accordance with the manufacturer's instructions and recommendations.

The propeller identified hereon was inspected in accordance with a 100 Hour Inspection, found to be in an airworthy condition and approved for return to service.

DATE: 5/7/2004

SIGNED:



Work Order: 16429

J.R. Smith Chief Inspector Aerodyne Corporation  
Certified Repair Station No. HO1R-199K  
Printed by EBis 3 (datcomedia.com)

PROP MODEL:  
76EM8S5-0-60  
PROP S/N: 34747K  
REG. NO: N5180L  
WORK ORDER: 16969



**Aerodyne Corporation**

Repair Station No. HO1R-199K  
5198 West Military Highway  
Chesapeake, VA 23321 USA  
Phone: (757) 488-2898

DATE: 6/8/2005  
A/C TSN: 4619.43  
PROP TT: 716.3  
TSPOH: 419.45  
TACH: 4619.43

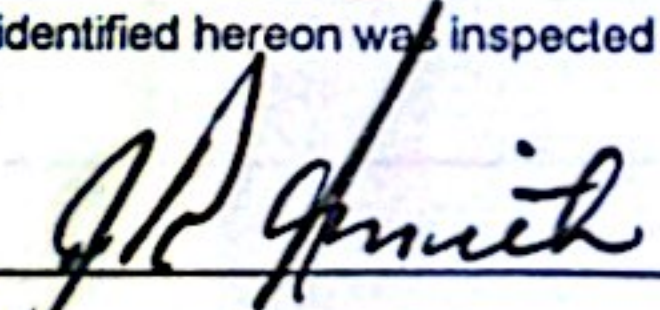
**Prop Entries**

(3) Completed propeller 100 hour inspection in accordance with the manufacturer's instructions and recommendations. Dressed and painted blade leading edges.

The aircraft, engine, propeller or component identified hereon was inspected in accordance with a 100 Hour Inspection, found to be in an airworthy condition and approved for return to service.

DATE: 6/8/2005

SIGNED:



Work Order: 16969

J.R. Smith  
Certified Repair Station No. HO1R-199K

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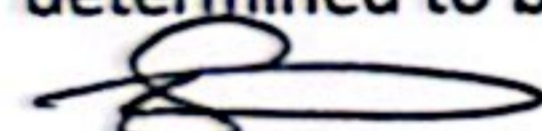
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**\*\*NOTE\*\*** Prop log entries from 4-1-2012 to 9-25-2013 implemented into engine log.

**Tappahannock Aviation LLC**

September 12, 2014 Reg#: N5180L S/N: 28-4466 Tach: 4694.34 TTIS: 4694.34  
Prop S/N: 11137K TSPOH: 28.32

An **Annual Inspection** was performed on this Propeller In Accordance With FAR Part 43, Appendix D and was determined to be in Airworthy Condition. AD listing up to date and provided in Aircraft records.

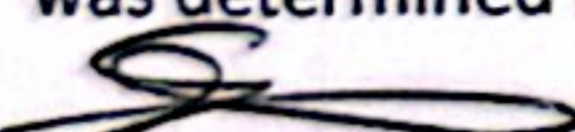
  
Eric C. Toia

AP 3428191 IA

**Tappahannock Aviation LLC**

May 1, 2016 Reg#: N5180L S/N: 28-4466 Tach: 4710.57 TTIS: 4710.57  
Prop S/N: 11137K TSPOH: 44.55

An **Annual Inspection** was performed on this Propeller In Accordance With FAR Part 43, Appendix D and was determined to be in Airworthy Condition. AD listing up to date and provided in Aircraft records.

  
Eric C. Toia

AP 3428191 IA

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## DESCRIPTION OF ALL OPERATIONS

Atkinson Aeronautics Inc.

June 2, 2017 Reg#: N5180L S/N: 28-4466 Tach: 4735.74 TTIS: 4735.74

Prop S/N: 11137K TSPOH: 69.72


An Annual Inspection was performed on this Propeller In Accordance With FAR Part 43, Appendix D and was determined to be in Airworthy Condition. AD listing up to date and provided in Aircraft records.

  
Eric C. Toia

AP 3428191 IA

12/17/2021 N5180L Prop Log 5268.75 Tack/  
TAT 622.79 TSO

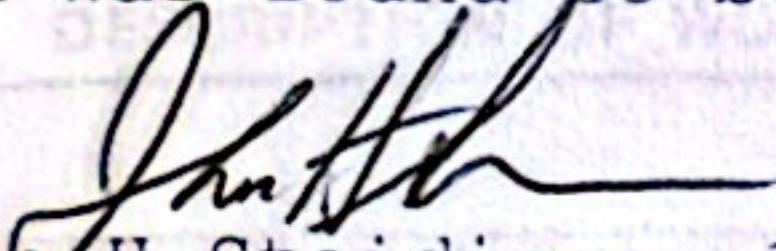
Inspected this prop I/A/W an Annual  
Inspection using Piper 100 Hour Checklist  
and was found to be in Airworthy Condition

  
John H. Steidinger 1676688IA

1676688IA

1/13/2023 N5180L Prop Log 5319.53 TAT  
679.57 TSO W/O 80-01-09

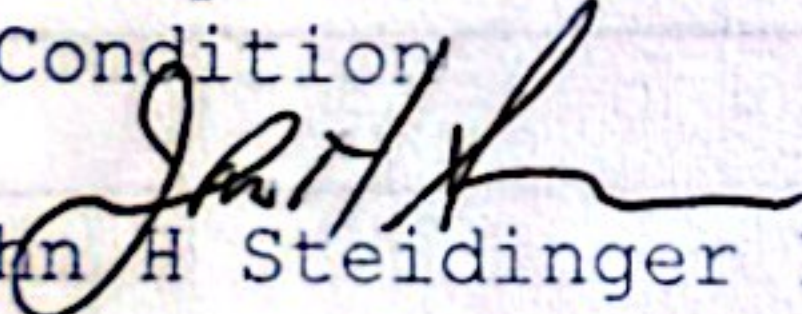
Inspected this Prop I/A/W An Annual  
Inspection using Piper Annual Inspection  
Checklist and was found to be in Airworthy  
Condition

  
John H Steidinger 1676688IA

SIGNATURE

1/15/2024 N5180L Prop Log 5330.62 TAT/TPT  
W/O 80-01-15

Inspected this Prop I/A/W Piper Checklist  
and Annual Inspection and found to be in  
Airworthy Condition

  
John H Steidinger 1676688IA