

# PROPELLER LOG BOOK



*SENSENICH 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 76EM8S14-0-62  
 PROPELLER SERIAL NUMBER 33859K

**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**

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
4-10-03	HM-225.0	I CERTIFY THAT THIS <u>Prop</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>100 hr / Annual</u> INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.	<i>[Signature]</i> JA465619265

**AERO RESTORATIONS, INC.**  
Addison Airport, Addison, Texas 75001

**N456Y**  
PA28-181  
SN: 2843353

**Propeller Log Entry**

May 21, 2004      AFTT: 261.0      Tach Time: 261.0      TSEN: 261.0      TSPN: 261.0

C/W an annual inspection IAW Piper Maintenance Manual Inspection Guide. Dressed aircraft propeller and painted blade face as required.

I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409, AN ANNUAL INSPECTION AND/OR REPAIRED IN ACCORDANCE WITH THE CURRENT REGULATIONS OF THE FEDERAL AVIATION ADMINISTRATION AND IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED ABOVE. FOR FURTHER INFORMATION SEE WORK ORDER #04-2176 ON FILE AT THIS STATION. DATED 5/21/2004. INSPECTED BY *[Signature]* FOR AERO RESTORATIONS, INC. CRS #XR0R795Y, ADDISON, TEXAS 75001.

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
<del>3-15-05</del>	<del>TACH 284.64</del>	<del>I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100HR/ANNUAL INSPECTION AND WAS FOUND TO BE IN AIRWORTHY CONDITION.</del>	<del><i>George Ashford IA 629621489</i></del>



Hampton Roads Charter Service  
5100 W. Military Hwy  
Chesapeake, VA 23321

Date: 04-07-2006

N456Y

Hobbs: 345.9

Performed annual inspection in accordance with the Piper service manual and I have determined that this propeller is in airworthy condition. Post operational test of above work was good.

**Nathan L. Steigenga**

**A&P 373985852**

*NL Steigenga*

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

N456Y Date 5/16/2007 474.9 Hrs.

Complied with Annual Inspection cleaned and dressed  
Removed to get crankshaft S#, Reinstalled with new  
"O"ring, Torqued and saftied

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

Make Sensenich Ser.No. 33859K

Model 76EM8S14-0-62 Reg.Mark N456Y

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. T8706 Date 5/16/2007

Signed [Signature]

IA NO. AI 30852 2283 10

MUNCIE AVIATION CO. CRS#AJVR135C

MUNCIE, IN 47308 765-289-7141



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

N456Y Date 5/1/2008 570.2 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.

Make Sensenich Ser.No. 33859K

Model 76EM8S14-0-62 Reg.Mark N456Y

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. T9377 Date 5/1/2008

Signed [Signature]

IA NO. AP2742672 AI

MUNCIE AVIATION CO. CRS#AJVR135C

MUNCIE, IN 47308 765-289-7141



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

**N456Y** Date 5/13/2009 639.99 Hrs.  
Complied with Annual Inspection cleaned and dressed  
Balanced propellor added weights as needed

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

Make Sensenich Ser.No. 33859K  
Model 76EM8S14-0-62 Reg.Mark N456Y

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. 10062 Date 5/13/2009

Signed [Signature]

IA Number AP 308 52 2293 IA

MUNCIE AVIATION CO. CRS#AJVR135C  
MUNCIE,IN 47308 765-289-7141



DA

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

**N456Y** Date 6/10/2010 774.23 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.

Make Sensenich Ser.No. 33859K  
Model 76EM8S14-0-62 Reg.Mark N456Y

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. 10784 Date 6/10/2010

Signed [Signature]

IA NO. AP 2742672 AI

MUNCIE AVIATION CO. CRS#AJVR135C  
MUNCIE,IN 47308 765-289-7141



DESCRIPTION OF ALL OPERATIONS

3867 Aviation Way  
Greenfield, IN 46140



Phone: 317-335-3371 Fax:  
317-335-2073

Aircraft Registration

Date:

Tach:

DATE

N456Y

7/1/2011

950.02

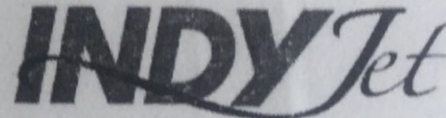
IRE

Performed an annual inspection on this propeller. Removed propeller to facilitate replacement of alternator and compressor belts. Installed in accordance with the AMM. I certify that this propeller has been inspected in accordance with an annual inspection and was found to be in airworthy condition. -----END-----

Joseph M. Wood

AP2769858IA

3867 Aviation Way  
Greenfield, IN 46140



Phone: 317-335-3371  
Fax: 317-335-2073

Aircraft Registration

Date:

Tach:

N456Y

1/9/12

988.46

Repaired two blemishes in propeller blade face approximately 5 1/4 inches from blade tip IAW Sensinich manual Approved Techniques for Repair of Blade Damage. Painted both blade faces with epoxy propeller flat black paint.

Eric M. Wilson

AP3063927IA

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

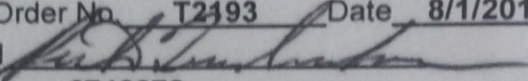
N456Y Date 8/1/2012 1054.07 Hrs.  
Complied with Annual Inspection cleaned and dressed

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

Make Sensenich Ser.No. 33859K  
Model 76EM8S14-0-62 Reg.Mark N456Y

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. T2193 Date 8/1/2012

Signed 

IA NO. 2742672

MUNCIE AVIATION CO. CRS#AJVR135C  
MUNCIE, IN 47308 765-289-7141



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

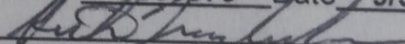
N456Y Date 9/3/2013 1121.5 Hrs.  
Complied with Annual Inspection cleaned and dressed

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

Make Sensenich Ser.No. 33859K  
Model 76EM8S14-0-62 Reg.Mark N456Y

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. S000379 Date 9/3/2013

Signed 

MUNCIE AVIATION CO. CRS#AJVR135C  
MUNCIE, IN 47308 765-289-7141





AIRCRAFT MAKE:  
AIRCRAFT MODEL:  
SMOH:

Piper  
PA28-181

AIRCRAFT REGISTRATION:

456Y

Tach:

1330.0

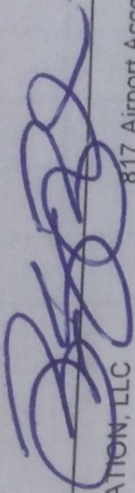
Date:

9/11/17

Completed an annual inspection on this propeller in accordance with Piper PA28-181 100hr/Annual inspection guide lines and current FARs. I certify this propeller was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

The aircraft identified above was repaired/inspected in accordance with current regulations of the Federal Aviation Administration, and was determined airworthy and approved for return to service with respect to the work performed. Details of the work are on file at this maintenance facility under W.O. # \_\_\_\_.

Signature:

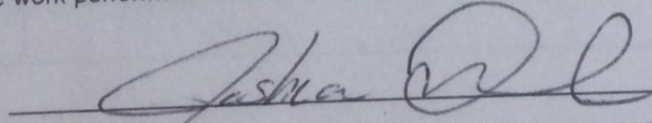


GROH AVIATION, LLC  
817 Airport Access Dr.  
GREENWOOD, IN 46143  
317-727-9881

3624453 A&P IA  
GREENWOOD, IN 46143  
317-727-9881

I certify this propeller was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

The aircraft identified above was repaired/inspected in accordance with current regulations of the Federal Aviation Administration, and was determined airworthy and approved for return to service with respect to the work performed. Details of the work are on file at this repair station under W.O. # \_\_\_\_.

Signature:  A&P IA 3308388.


GROH AVIATION, LLC 799 EAST COUNTY LINE ROAD GREENWOOD, IN 46143 317-727-9881

Date: 8-7-15  
Tach: 1210.92  
PSN:1210.92

Groh Aviation, LLC  
Greenwood, IN 46143  
317-727-9881

-Completed an annual inspection on this propeller in accordance with Piper PA28-181 100hr/Annual inspection guide line and current FARs.  
-I certify this propeller was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Joshua Groh A&P IA 3308388

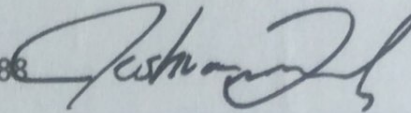
AIRCRAFT MAKE: Piper AIRCRAFT REGISTRATION: 456Y  
AIRCRAFT MODEL: PA28-181 Tach: 1264.21  
SMOH:  Date: 8-9-16

Date: 10-2-14  
Tach: 1186.37  
PSN:1186.37

-Completed an annual inspection on this propeller in accordance with Piper PA28-181 100hr/Annual inspection guide line and current FARs.  
-I certify this propeller was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Joshua Groh A&P IA 3308388

Groh Aviation, LLC  
Greenwood, IN 46143  
317-727-9881



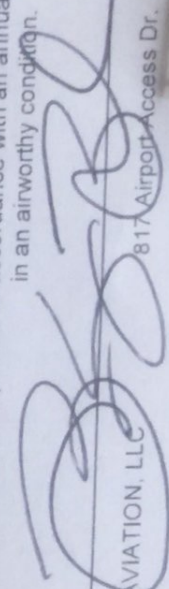
AIRCRAFT MAKE:  
AIRCRAFT MODEL:  
TTSN:

Piper  
PA28-181  
1393.9

AIRCRAFT REGISTRATION: 456Y  
Tach: 1393.9  
Date: 10/5/18

I certify this propeller was inspected in accordance with an annual inspection and was determined to be in an airworthy condition.

Signature:

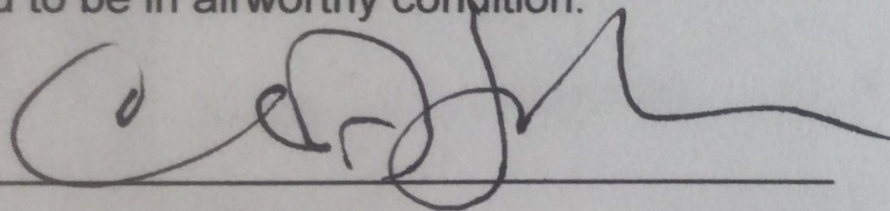


GROH AVIATION, LLC  
817 Airport Access Dr.  
GREENWOOD, IN 46143  
317-727-9881

N456Y Piper PA28-181 S/N: 2843353 Tach: 1510 Total Time 1510

**Propeller: SenSenich 76EM8S14-0-62 S/N: 33859K TSMO: 1510 Prop. TT: 1393.9**

Performed Annual inspection of propeller. Checked for nicks & cracks. Checked hup and attachment bolts  
Checked safety of attachment hardware. Checked spinner for cracks/damage. Reviewed existing AD  
compliance reports. Prepared Current reoport based on existing records and provided current report to  
owner. I certify that this propeller has been inspected in accordanance with an Annual inspection and is  
found to be in airworthy condition.



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10/25/2019

Chris Johnson I.A. 3852791