

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

Propeller Model HC-134R-1E

High/Feather \_\_\_\_\_

Propeller S/N HK 1149B

Start Lock \_\_\_\_\_

Blade Design \_\_\_\_\_

Low \_\_\_\_\_

Blade S/N's

Reverse \_\_\_\_\_

No. 1 \_\_\_\_\_

Aircraft Manufacturer \_\_\_\_\_

No. 2 \_\_\_\_\_

Aircraft Model \_\_\_\_\_

No. 3 \_\_\_\_\_

S/N \_\_\_\_\_

No. 4 \_\_\_\_\_



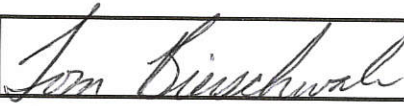
Registration \_\_\_\_\_


No. 5 \_\_\_\_\_

No. 6 \_\_\_\_\_

Spinner Assembly Part No. \_\_\_\_\_






Date	Propeller TSN TSO		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.		
			 Leading the Business of Aviation		PROPELLER RECORD ENTRY	
Registration	N841ST		Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone 210) 384-3388 Fax 210) 384-3394		Hour Meter	139.7
Model No.	PA46-350P				Total Time	139.7
Serial No.	4636376				TSOH	139.7
Prop M/N	HC-13YR-1E				Page 1 of 1	
Prop S/N	HK1149B					
1. 100 HOUR INSPECTION COMPLETED THIS DATE AND ROUTINE MAINTENANCE PERFORMED IAW PIPER PA46-350P MM CHAPTER 5-20-00. 2. RESAFTIED PROPELLER MOUNT BOLTS WITH .041 SAFTEY WIRE. 3. C/W 12 MONTH/100 HOUR PROPELLER LUBRICATION IAW PA46-350P MM CHAPTER 12-20-00 LUBRICATION CHART.						
I CERTIFY THAT A 100 HOUR INSPECTION HAS BEEN PERFORMED ON THIS <b>PROPELLER</b> IN ACCORDANCE WITH FAR 43, APPENDIX D, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair/inspection is on file at this repair station under <b>Work Order: 11M-413</b>						
Date:	7-6-2007	Authorized Signature:		 Thomas A. Bierschwale		


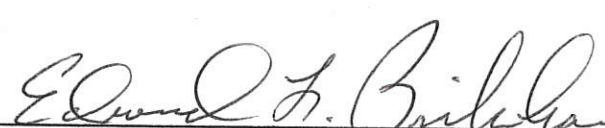
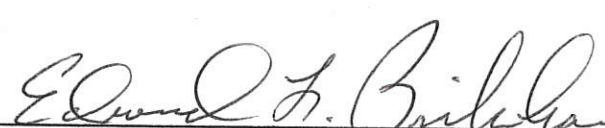
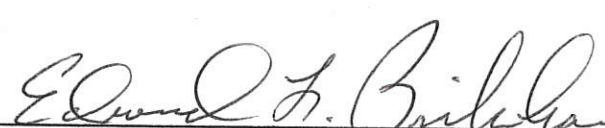
Piper		CUTTER		PROPELLER LOG ENTRY	
Leading the Business of Aviation		Leading the Business of Aviation			
Registration	N841ST	Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone (210) 384-3388 Fax (210) 384-3394		Hour Meter	158.3
Model No.	PA46-350P			Total Time	158.3
Serial No.	4636376			TSOH	--
Prop M/N	HC-13YR-1E			Page 1 of 1	
Prop S/N	HK-1149B				
1. 100-HOUR INSPECTION COMPLETED THIS DATE AND ROUTINE MAINTENANCE PERFORMED IN ACCORDANCE WITH THE PIPER PA46-350P MAINTENANCE MANUAL CHAPTER 5-20-00.					
I CERTIFY THAT A 100 HOUR INSPECTION HAS BEEN PERFORMED ON THIS PROPELLER IN ACCORDANCE WITH FAR 91.409(a)(1), AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair/inspection is on file at this repair station under <b>Work Order: 11M-530</b>					
Date:	11/28/2007	Authorized Signature:		 Thomas C Hollick	



Date	Propeller TSN TSO		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.

		 Leading the Business of Aviation		PROPELLER LOG ENTRY	
Registration	N841ST	Cutter Aviation San Antonio, Inc. 367 Sandau Rd. San Antonio, Texas 78216 FAA Repair Station No. U7TR491Y Phone (210) 340-6780 Fax (210) 384-3394		Hour Meter	646.4
Model No.	PA46-350P			Total Time	646.4
Serial No.	4636376			TSN	646.4
Prop M/N	HC-13YR-1E			Page 1 of 1	
Prop S/N	HK-1149B				
1. COMPLETED A 100-HOUR INSPECTION USING THE INSPECTION GUIDE TAKEN FROM THE PIPER PA46-350P INSPECTION REPORT MANUAL 767-011 AS A GUIDE.					
I CERTIFY THAT A 100-HOUR INSPECTION HAS BEEN PERFORMED ON THIS PROPELLER IN ACCORDANCE WITH FAR43 APPENDIX D, AND HAS BEEN DETERMINED TO BE IN AIRWORTHY CONDITION AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR/INSPECTION IS ON FILE AT THIS REPAIR STATION UNDER WORK ORDER: 11M-1329					
Date:	5 November 2010	Authorized Signature	 Thomas C Hollick		

<b>JET MRO INC.</b> N841ST MIRAGE S/N: 46-36376 December 1, 2010 HOBBS: 657.8 PROPELLER VIBRATION ANALYZES 8.0 GRAMS @20 AND 8.0 GRAMS @340 DEGREES FOR FINAL VIBRATION OF 0.09 @ 235 DEGREES. Dewayne Thames A&P 463192677 																			
		<b>Propeller S/N</b> HK1149B <b>TSN</b> UNK <b>TSO</b> UNK																	
This propeller has been serviced as per the 8130-3 tag dated <u>09/12/2011</u> under Work Order <u>102711</u>																			
Aircraft Propeller Service, Inc. Wheeling, Illinois CRS EY2R811K JAA.5126																			
<table border="1" style="width: 100%;"> <tr> <td><b>13 Sept 2011</b></td> <td><b>N841ST</b></td> <td><b>HC-13YR-1E/7890K</b></td> <td><b>S/N HK1149B</b></td> <td><b>TTP 754.3</b></td> </tr> <tr> <td colspan="5">           Removed propeller and reinstalled after repaint and balancing by Aircraft Propeller Service, Inc. See Form 8130.         </td> </tr> <tr> <td colspan="5">           Edward L. Pinkham            A&amp;P 2197698  </td> </tr> </table>					<b>13 Sept 2011</b>	<b>N841ST</b>	<b>HC-13YR-1E/7890K</b>	<b>S/N HK1149B</b>	<b>TTP 754.3</b>	Removed propeller and reinstalled after repaint and balancing by Aircraft Propeller Service, Inc. See Form 8130.					Edward L. Pinkham A&P 2197698 				
<b>13 Sept 2011</b>	<b>N841ST</b>	<b>HC-13YR-1E/7890K</b>	<b>S/N HK1149B</b>	<b>TTP 754.3</b>															
Removed propeller and reinstalled after repaint and balancing by Aircraft Propeller Service, Inc. See Form 8130.																			
Edward L. Pinkham A&P 2197698 																			





# PROPELLER MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. N841ST

Propeller Manufacturer Hartzell

Hub Model HC-13YR-1E

Blade Design No. 7890K

Hub Serial No. HK1149B

Blade Serial No's.

1. 1190

2. 1196

3. 1199

4. \_\_\_\_\_

Pitch Range:

High \_\_\_\_\_ Low \_\_\_\_\_

Feather \_\_\_\_\_ Reverse \_\_\_\_\_

Governor Manufacturer Hartzell

Model No. V-11-1

Serial No. 6863J

Date installed on aircraft 2006 New

Time Between Overhauls (TBO) \_\_\_\_\_ Hours

If used on multi-engine aircraft:

- |   |                               |
|---|-------------------------------|
| <input type="checkbox"/> Right            | <input type="checkbox"/> Left |
| <input checked="" type="checkbox"/> Front | <input type="checkbox"/> Rear |



(All applicable information must be filled in)

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page



12-28-2012

785-354-7055  
Billard Airport  
Topeka, Ks 66616  
R. S. # M12R006L  
W.O.#12-3789

HOBBS.940.6 hrs

Propeller Log  
N841ST  
HC-I3YR-1E  
S.N. **HK1149B**  
T.T:940.6 hrs

THIS PROPELLER HAS BEEN INSP I/A/W AN ANNUAL INSP AND WAS DETERMINED TO BE IN  
AIRWORTHY CONDITION.

*Keith Hetrick*  
KEITH HETRICK



12-31-2013

785-354-7055  
Billard Airport  
Topeka, Ks 66616  
R. S. # M12R006L  
W.O.#13-4129

HOBBS.1055.1 hrs

Propeller Log  
N841ST  
HC-I3YR-1E  
S.N. HK1149B  
T.T:1055.1 hrs

THIS PROPELLER HAS BEEN INSP I/A/W AN ANNUAL INSP AND WAS DETERMINED TO BE IN  
AIRWORTHY CONDITION.

*Keith Hetrick*  
KEITH HETRICK



785.354.7055  
Billard Airport  
Topeka, Ks 66616  
R.S. #M12R006L  
W.O. #14-4155  
**O SPA OH**

Prop Log  
N841ST  
HC-I3YR-1E  
S/N:HK1149B  
5-24-2014  
TACH: 1061.0 HRS  
**T.T. 1061.0 hrs**

THIS PROP WAS REMOVED FROM AIRCRAFT AND SENT TO FOSTER PROPELLER  
SERVICE FOR PROP STRIKE INSP . FOSTER OH HUB AND INSTALLED O.H. EXCHANGE  
BLADES FROM TIFFIN AIR . REINSTALLED ON AIRCRAFT AND OK FOR RETURN TO  
SERVICE .

*Keith Hetrick*  
KEITH HETRICK



Make HARTZELL Model HC-I3YR-1E  
Serial Number HK1149B

The propeller identified above has been  
**REPAIRED/OVERHAULED/INSPECTED**

In accordance with manual 113B  
and is approved for return to service.

Details on file under work order and 8130-3 number 7858

Signature *[Signature]* Date 15, MAY, 2014  
Fosters Propeller Service Inc. Repair Station F3PR014N  
26650 Hwy 62 Boynton, OK 74422 Ph. 918-733-2131  
FOSTERPROPELLER@WINDSTREAM.NET FOSTERSPROPELLER.COM

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				<b>TOTALS</b> brought forward from previous page



785.354.7055  
Billard Airport  
Topeka, Ks 66616

R.S. #M12R006L  
W.O. #14-4412

Prop Log  
N841ST  
HC-I3YR-1E  
S/N:HK1149B  
12-29-2014  
TACH: 1142.5 HRS

GREASED ALL 3 BLADES AS NEEDED. DRESSED PROP AND PAINTED.  
THIS PROP HAS BEEN INSP I/A/W AN ANNUAL INSPECTION AND WAS DETERMINED TO  
BE IN AIRWORTHY CONDITION.

*Keith Hetrick*  
KEITH HETRICK



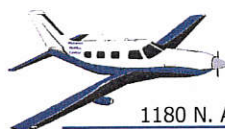
785.354.7055  
Billard Airport  
Topeka, Ks 66616

R.S. #M12R006L  
W.O. #15-4734

Prop Log  
N841ST  
HC-I3YR-1E  
SN: HK1149B  
12-29-2015  
TACH: 1273.6 HRS  
T.TIME: 1273.6 HRS

DRESSED PROP, BLADE FACES THEN PAINTED FACES.  
I CERTIFY THIS PROP HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND HAS  
BEEN DETERMINED TO BE IN AIRWORTHY CONDITION.

*Keith Hetrick*  
KEITH HETRICK



## Midwest Malibu Center

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1180 N. Airport Road • Hutchinson, KS 67501 • 620.728.1356 • Fax 620.662.0123

Propeller

**Log REG N841ST MODEL HC-I3YR-1E SERIAL HK1149B HOBBS 1402.7**

DATE 1-20-2017 Prop total time 1402.7 hrs, TSOH 341.7 hrs. Inspected propeller per PA46 inspection guide.  
Lubricated hub and painted blades as needed. Performed run-up and functional checks, operations satisfactory.  
Work performed in accordance with Hartzell maintenance manual.

I certify that this propeller has been inspected in accordance with an annual inspection and was found to be in  
airworthy condition. Clinton Bradley A&P 2701829 IA *Clinton Bradley*



785.354.7055  
Billard Airport  
Topeka, Ks 66616  
R.S. #M12R006L  
W.O. #18-5398  
T.TIME: 1508.7 HRS

Prop Log  
N841ST  
HC-I3YR-1E  
SN: HK1149B  
2-15-2018  
TACH: 1508.7 HRS

DRESSED PROP & PAINTED. INSTALLED EQUIPMENT, PERFORMED DYNA VIBE PROP  
BALANCE, I/A/W "SMOOTH PROPELLER" #AW-9511-2 REV JUNE 90, ADDED WEIGHTS TO  
BULKHEAD AS NEEDED, RECHECKED BALANCE AND FOUND TO BE WITH IN LIMITS.  
STARTING IPS = 2.1 ENDING IPS = .06

I CERTIFY THIS PROP HAS BEEN INSPECTED I/A/W AN ANNUAL INSPECTION AND HAS BEEN  
DETERMINED TO BE IN AIRWORTHY CONDITION.

*Keith Hetrick*  
KEITH HETRICK



Page No. \_\_\_\_\_

DATE \_\_\_\_\_



785.354.7055  
Billard Airport  
Topeka, Ks 66616  
R.S. #M12R006L  
W.O. #18-5553  
T.TIME: 1508.7 HRS

Prop Log  
N841ST  
HC-I3YR-1E  
SN: HK1149B  
8-09-2018  
TACH: 1571.0 HRS

WORK \_\_\_\_\_

REPLACED 1EA ELECTRIC BOOT HARTZELL PN 4H3997-1. I/AW HARTZELL BOOT MANUAL 180, 36-61-80. INSTALLED EQUIPMENT, PERFORMED DYNA VIBE PROP BALANCE, I/AW "SMOOTH PROPELLER" #AW-9511-2 REV JUNE 90, ADDED WEIGHTS TO BULKHEAD AS NEEDED, RECHECKED BALANCE AND FOUND TO BE WITH IN LIMITS.  
STARTING IPS = .12 ENDING IPS = .05 THIS PROP IS OK FOR RETURN TO SERVICE.

*Keith Hetrick*  
KEITH HETRICK



Make **HARTZELL** Model **HC-I3YR-1E**  
Serial Number **HK1149B**

The propeller identified above has been  
**REPAIRED/OVERHAULED/INSPECTED**

In accordance with manual 113B  
and is approved for return to service.  
Details on file under work order and 8130-3 number 9240

Signature *[Signature]* Date 14/NOV/2018  
Fosters Propeller Service Inc. Repair Station F3PR014N  
26650 Hwy 62 Boynton, OK 74422 Ph. 918-733-2131  
FOSTERPROPELLER@WINDSTREAM.NET FOSTERSPROPELLER.COM

SUB-TOTALS this page

TOTALS-Carry forward to next page

1. Approving Civil Aviation  
Authority/Country:  
FAA/United States

2.

## AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

4. Organization Name and Address:

FOSTER'S PROPELLER SERVICE, INC. 26650 HIGHWAY 62 BOYNTON, OK. 74422 (F3PR014N)

6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. S
1	HARTZELL PROP	HC-13YR-1E	1	HK1149B	

12. Remarks:

RESEALED PROP PER HARTZELL SERVICE MANUALS 113B REV 45.  
BLADE MODEL NUMBER 7890  
BLADE SERIAL NUMBERS 1190, 1196 & 1199

13a. Certifies the items identified above were manufactured in conformity to:

- ☐ Approved design data and are in a condition for safe operation.  
☐ Non-approved design data specified in Block 12.

14a. ☒ 14 CFR 43.9 Return to Service

☐ Other reg


Certifies that unless otherwise specified in Block 12, the work and described in Block 12 was accomplished in accordance with Federal Regulations, part 43 and in respect to that work, the return to service.

13b. Authorized Signature:

13c. Approval/Authorization No.:

14b. Authorized Signature:

14c.

1. Approving Civil Aviation Authority/Country: FAA/United States FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 7858	
4. Organization Name and Address: FOSTER'S PROPELLER SERVICE, INC. 26650 HIGHWAY 62 BOYNTON, OK. 74422 (F3PR014N)					
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	HARTZELL PROP	HC-I3YR-1E	1	HK1149B	OVERHAULED
12. Remarks: OVERHAULED PROP PER HARTZELL SERVICE MANUALS 113B & 202A. REPLACED BLADES SERIAL NUMBERS 947, 949 & 950 WITH BLADES OVERHAULED BY TIFFIN AIR (DTR341D) PER WORK ORDER 21396. SEE ATTACHED 8130-3 BLADE MODEL NUMBER 7890K BLADE SERIAL NUMBERS 1190, 1196 & 1199					
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: 	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate No.: F3PR014N	
				14d. Name (Typed or Printed): JERRY D. FOSTER	
				14e. Date (dd/mm/yyyy): 15, MAY. 2014	
<b>User/Installer Responsibilities</b>					
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.					



1. Approving Civil Aviation Authority/Country: FAA/United States		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 21396	
4. Organization Name and Address: Tiffin Aire, Inc. 1778 West U.S. 224 Tiffin, Ohio 44883 (DTXR341D)					5. Work Order/Contract/Invoice Number: W.O.# 21396	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	HARTZELL BLADE	7890K	3	1190, 1196, 1199	OVERHAULED	
12. Remarks: COMPLETELY OVERHAULED BLADES AND INSTALLED NEW DE-ICE BOOTS IN ACCORDANCE WITH HARTZELL SERVICE MANUALS; SEE FORM ON REVERSE SIDE. COMPLIED WITH SERVICE LETTER: 260R21. BLADES TOTAL TIME SINCE NEW: 1661.4 BLADES TOTAL TIME SINCE OVERHAUL: 0.0						
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: <i>Todd C. Perry</i>		14c. Approval/Certificate No.: DTXR341D
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): Todd C. Perry		14e. Date (dd/mm/yyyy): 17/APR/2014
<b>User/Installer Responsibilities</b>						
<p>It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article.</p> <p>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.</p> <p>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.</p>						