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-T3YR-LE	High/Feather
Propeller S/N 4 K 1149B	Start Lock
Blade Design	Low
Blade S/N's	Reverse
No. 1	
No. 2	Aircraft Manufacturer
No. 3	Aircraft Model
No. 4	S/N
No. 5	Registration
No. 6	

Spinner Assembly Part No. _____

/ /	TSN TSC	_		Minor Repair, and Inspections.
31/06	New N/A	N/A	One Propeller Place Piqua, Ohio 45356-2634 U.S.A.	17-018 O-ring, 317-251 O-ring, accordance with tions. Propeller sion 1. Pertinent 361
			Cutter Aviation San Antonio, Inc. 367 Sandau Rd., San Antonio, Texas 78216 Phone 210) 384-3388 Fax 210) 384-3394 FAA Popular Station No. 11774011V	Piner
	Registration Model No. Serial No. PROP S/N:	N841 PA46 46363 HK-1	367 Sandau Rd., San Antonio, Texas 78216 Phone 210) 384-3388 Fax 210) 384-3394 FAA Repair Station No. U7TR491Y ST PROPELLER LOG BOOK ENTRY	Piper Hour Meter 52.5 Total Time 52.5 Landings TSN: 52.5

Date	Propeller TSN TSO	A/C Hrs	S	Description of a ervice Docume	all operations pertaining to ents, Overhaul, Major or N	o Airwortl Iinor Rep	niness Di pair, and I	rectives, Inspections.	
	_						Water Control		
	Pi	per	•	Leading the	Business of Aviation	PRO	OPELLER ENTI	R RECORD —	
	Registration	The second second second			on San Antonio, Inc.	Hour	Meter	139.7	
	Model No.	PA46-	-		Sandau Rd.	Total	Time	139.7	
	Serial No.	4636			nio, Texas 78216 ation No. U7TR491Y	TSOI	H	139.7	
	Prop M/N	HC-I3Y	P		3388 Fax 210) 384-3394	Page	1 of 1		
	Prop S/N	HK11	49B		,				
	2. RE 3. C/\\CH	SAFTIED PR V 12 MONTI ART. WHAT A 100	PTER 5-20-00. OPELLER MOU H/100 HOUR PI HOUR INSP	INT BOLTS WITH . ROPELLER LUBRI	E AND ROUTINE MAINTENAN 041 SAFTEY WIRE. CATION IAW PA46-350P MM EN PERFORMED ON THIS TERMINED TO BE IN AIR	CHAPTER PROPELL	12-20-00 L	UBRICATION	
	APPROVED . Work Order:	FOR RETUI	RN TO SERVIC	EE. Pertinent deta	tils of the repair/inspection is	on file at t	his repair	station under	
	Date: 7-6	-2007	Authorized Si	gnature:	m Dieschwa	el Th	nomas A. I	Bierschwale	
			9						
	O				C				
		-							
	O								
			TM _			>	PROPE	ELLER LOG ENTRY] * <u></u>

	Pi	pe	r	Le	ading the Business of Aviation	PROPELLER	LOG ENTRY
Regist	ration	N	1841ST	Cut	er Aviation San Antonio, Inc.	Hour Meter	158.3
Model	No.	PA	46-350P		367 Sandau Rd.	Total Time	158.3
Serial	No.	40	636376		San Antonio, Texas 78216	TSOH	
Prop N	1/N	HC-	13YR-1E		Repair Station No. U7TR491Y 10) 384-3388 Fax (210) 384-339	1 D	4 . 5 4
Prop S	S/N	H	(-1149B	Filone (2	10) 304-3300 Fax (210) 304-3394	4 Page	1 01 1
FOR R	AR 91.4	09(a)(1) TO SEF), AND HAS E	BEEN DETER	S BEEN PERFORMED ON THIS PARMINED TO BE IN AIRWORTHY CO of the repair/inspection is on file at	ONDITION AND IS	APPROVED
Date:	11/28/	2007	Authorized	Signature	Manny Hul	list The	omas C Hollick
	1						
						9	

Date	Propeller TSN TSC	A/C Hrs		Description of all op Service Documents,	perations pertaining to Airwo Overhaul, Major or Minor F	orthiness Direct Repair, and Insp	tives, pections.
	P	ipe		Leading the	Business of Aviation	PROPELLER I	LOG ENTRY
-	Registratio		841ST	Cutter Aviatio	n San Antonio, Inc.	Hour Meter	646.4
	Model No. Serial No.		16-350P 36376		Sandau Rd. io, Texas 78216	Total Time	646.4
	Prop M/N		13YR-1E	FAA Repair Sta	ation No. U7TR491Y	TSN	646.4
	Prop S/N		-1149B	Phone (210) 340-6	780 Fax (210) 384-3394	Page 1	of 1
	I CERTIFY ACCORDAN	THAT A	100-HOU	IR INSPECTION HAS	BEEN PERFORMED O	N THIS PROP	ELLER IN
	REPAIR/INS		IS ON FILE	AT THIS REPAIR STA	TO SERVICE. PERTINITION UNDER WORK ORDE	ENT DETAILS R: 11M-1329	OF THE
	Date. 01	Vovember	2010	authorized Signature	Mm Clol	M Thon	nas C Hollick
14	O			C		(
200	0	<u> </u>					
	PROPELLER V 0.09 @ 235 DE Dewayne Thame	VIBRATION A GREES. es A&P 46319	ANALYZES :	JET MRO II RAGE S/N: 46-36376 Dece 8.0 GRAMS @20 AND 8.0 C	NC. mber 1, 2010 HOBBS: 657.8 GRAMS @340 DEGREES FOR FIN Propeller S/NHK11		2
	12			# E	This propeller has been		
					- <u>09/12/2011</u> und	der Work Order	102711
						Propeller Sen	
	L L	1	l		CRS EY2R811K	1 5 190	JAA.512
	13 Sept 2011 Removed prop Form 8130.		N841ST reinstalled	HC-13YR-1E/78	S90K S/N HK1149B lancing by Aircraft Propello		754.3 ————————————————————————————————————
	Edward L. Pink 4&P 2197698_	ham	E Ow	Q J. C	BrileGan		Page 3

Data	Prop	eller	Direction	
Date	TSN	TSO	DESIMOINESI FLYINGISERVICE PO BOX 35126 - DES MOINES IOWA 50315 0202	
			TELEPHONE (515) 256-5300 – FAX (515) 256-5537	
			HOBBS: 795.4 TOTAL: 795.4 SN 4636376	
		[60]	PROPELLER HARTZELL HC-I3Y1R-1E HK1149B 795.4	
			Performed an Annual inspection in accordance with Piper PA 46-350P Maintenance Manual PN 761-876 dated 03/31/2011 Inspection check lists Chapters 5-20-00	
			Inspected and Lubricated Propeller Safety wired propeller bolts using .040" safety wire.	
			I certify that this <i>Propeller</i> has been inspected in accordance with an <i>Annual Inspection</i> and was determined to be in an airworthy condition. Other details of this inspection are on file at this agency under Work Order No. 18010	
			under Work Order No. 18010. Date Signed 12/19/2011: Date Signed 12/	
			Des Moines Flying Service, Inc., FAA CRS G9CR485J	
			TAA CKS G9CK485J	
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PROPELLER MAINTENANCE RECORDS

	Log Nol
Aircraft Registration No	
Propeller Manufacturer	_
Hub Model HC-13YR-1E	
Blade Design No. 7890K	
Hub Serial No. HK 1149 B	_
Blade Serial No's.	
1	
2	
3	_
4	_
Pitch Range:	
High Low	
Feather Reverse	
Governor Manufacturer Hartzell	
Model No. V- II-I	
Serial No. 6863J	
Date installed on aircraft 2006 New	
Time Between Overhauls (TBO) Hours	
If used on multi-engine aircraft:	
☐ Right ☐ Left	



(All applicable information must be filled in)

AEROTECH PUBLICATIONS INC.

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1-800-235-6444 FAX: (631) 765-9359

	IN SERVICE	TIME SINCE OVERHAUL	RECORDING METER TIME	SIGNATURE & CERT	IPTION OF WORK PERFORMED— IFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward	from previous page
	Hetrick 12-28- THIS PROP	ELLER HA	Topeka R. S. # W.O.#1	Airport 4, Ks 66616 M12R006L 12-3789 HOBBS,940,6	Propeller Log N841ST HC-I3YR-1E S.N. HK1149B hrs T.T:940.6 hrs SP AND WAS DETERMINED TO BE IN
AI	RWORTHY 	CONDITIO	ON.	KEITH HETE	the
			Billard Topek R. S. # W.O.#	54-7055 d Airport ka, Ks 66616 # M12R006L #13-4129 HOBBS.1053 NSP I/A/W AN ANNUAL II	NSP AND WAS DETERMINED TO BE IN
	- 1		- i	КЕІТН НЕТ	RICK
	THIS	Hetrick PROP WAS	Aviation Inc. REMOVED	785.354.7055 Billard Airport Topeka, Ks 66616 R.S. #M12R006L W.O. #14-4155 O S D O H FROM AIRCRAFT AND S	Prop Log N841ST HC-I3YR-1E S/N:HK1149B 5-24-2014 TACH: 1061.0 HRS FT. / OG/. O hrs SENT TO FOSTER PROPELLER
	SERV	ICE FOR PE ES FROM T	ROP STRIKE	INSP . FOSTER OH HUB	AND INSTALLED O.H. EXCHANGE CRAFT AND OK FOR RETURN TO KEITH HETRICK
	*	STEA,	Serial N The pr	HARTZELL Mod Number HK1149B opeller identified abov RED/OVERHAULED	ve has been
			and is a Details Signatu Fosters	Propeller Service Inc.	113B service. der and 8130-3 number 7858 Date 15, MAY, 2014 Repair Station F3PR014N 4422 Ph. 918-733-2131

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME		SCRIPTION OF WORK PERFORMED— ERTIFICATE NO. OF PERSON PERFORMED	
		OVERNINGE	THVIE	TOTALS brought forward	ard from previous page	
				s o s s e e e e e e e e e e e e e e e e	ara nom provious page	
	THIS PRO	D ALL 3 BL	EN INSP I/A		Prop Log N841ST HC-13YR-1E S/N:HK1149B 12-29-2014 TACH: 1142.5 HRS ROP AND PAINTED. ECTION AND WAS DETERMINE	ED TO
					KEITH HETRICK	
	<u>É</u> Heiri	Aviation in	Bill Top R.S	.354.7055 ard Airport eka, Ks 66616 . #M12R006L D. #15-4734	Prop Log N841ST HC-I3YR-1E SN: HK1149B 12-29-2015 TACH: 1273.6 HRS T.TIME: 1273.6 HRS	
10	CERTIFY TH	HIS PROP H	AS BEEN I	EN PAINTED FACES. NSPECTED I/A/W AN A WORTHY CONDITION	ANNUAL INSPECTION AND HAS	
					KEITH HETRICK	1)
ĺ						1.
	Propelle		*	Specializing in the PA46 www.MidwestMalibuCenter.com Hutchinson, KS 67501	6	
	Log R	EG <u>N841ST</u> N	MODEL HC-13	<u> </u>	HOBBS <u>1402.7</u>	
	Lubricated	d hub and paint	ed blades as ne		propeller per PA46 inspection guide. unctional checks, operations satisfactory.	
		nat this propelle condition. Clin			nnual inspection and was found to be in	
_		en e	Billard Topeka R.S. #I W.O. #	4.7055 Airport a, Ks 66616 M12R006L ±18-5398 E: 1508.7 HRS	Prop Log N841ST HC-I3YR-1E SN: HK1149B 2-15-2018 TACH: 1508.7 HRS	
BAL	ANCE I/A/A	/"SMOOTH). INSTALLE	D EQUIPMENT, PERFO	RMED DYNA VIBE PROP IE 90, ADDED WEIGHTS TO	

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.

| Certify This Prop has been inspected i/A/W an annual inspection and has been determined to be in airworthy condition.

| Certify This Prop has been inspected i/A/W an annual inspection and has been determined to be in airworthy condition.

BULKHEAD AS NEEDED, RECHECKED BALANCE AND FOUND TO BE WITH IN LIMITS.

ge No DATE	REPLACED 1EA EL 180, 36-61-80, INST.	785.354.7055 Billard Airport Topeka, Ks 66616 R.S. #M12R006L W.O. #18-5553 T.TIME: 1508.7 HRS LECTRIC BOOT HARTZELL PN 4H3997-1. I/AW HARTZELL BOOT MANUAL FALLED EQUIPMENT, PERFORMED DYNA VIBE PROP BALANCE, I/AW FALLED EQUIPMENT, PERFORMED	0
	ARRELLER SERVICE	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 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	
			C
			-
		SUB-TOTALS this page TOTALS-Carry forward to next page	

	AND A			`	\	
) 14c.	14b. Authorized Signature:	14b. Authoriz	13c. Approval/Authorization No.:		13b. Authorized Signature:	13b. Auth
Block 12, the d in accorda to that work	Certifies that unless otherwise specified in Block 12, the wand described in Block 12 was accomplished in accordance Federal Regulations, part 43 and in respect to that work, treturn to service.	Certifies that unl and described in Federal Regulati return to service.	for safe operation.	are in a condition specified in Block	Approved design data and are in a condition for safe operation Non-approved design data specified in Block 12.	00
Other regi	14a. 🛭 14 CFR 43.9 Return to Service	14a. 🛛 14 CI	ured in conformity to:	ove were manufact	13a. Certifies the items identified above were manufactured in conformity to:	13a. Certi
			Remarks: RESEALED PROP PER HARTZELL SERVICE MANUALS 113B REV 45. BLADE MODEL NUMBER 7890 BLADE SERIAL NUMBERS 1190, 1196 & 1199	RTZELL SERVI 1990 1190, 1196 & 1	Remarks: RESEALED PROP PER HARTZELL SERVICE BLADE MODEL NUMBER 7890 BLADE SERIAL NUMBERS 1190, 1196 & 1199	12. Remarks: RESEAI BLADE BLADE
	HK1149B		HC-13YR-1E	ROP	HARTZELL PROP	
11.	10. Serial Number:	9. Quantity:	Part Number: 9.	8.	7. Description:	6. Item:
Num	22 (F3PR014N)	ON, OK. 744	FOSTER'S PROPELLER SERVICE, INC. 26650 HIGHWAY 62 BOYNTON, OK. 74422 (F3PR014N)	ERVICE, INC.	+. Organization Name and Address: FOSTER'S PROPELLER SE	FOSTE
	PROVAL TAG	RTHINESS AP	FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			
V-1000	ERTIFICATE	EASE	AUTHORIZED RELEASE CERTIFICATE	AUT	FAA/United States	FA.
3. Fc				2.	I. Approving Civil Aviation Authority/Country:	I. Approv

1. Approv Aut	1. Approving Civil Aviation Authority/Country:	2.				3. Form Tracking Number:	
FAAU	FAA/United States FAA/United States	AU	FHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	EASE C	CERTIFICATE PROVAL TAG	7858	
4. Organi FOSTE	4. Organization Name and Address: FOSTER'S PROPELLER SE	ERVICE, INC	Organization Name and Address: FOSTER'S PROPELLER SERVICE, INC. 26650 HIGHWAY 62 BOYNTON, OK, 74422 (F3PR014N)	TON OK 744	22 (F3PR014N)	5. Work Order/Contract/Invoice Number:	
					(7858 1 PAGE	
6. Item:	7. Description:	8.	Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
-	HARTZELL PROP	OP	HC-13YR-1E	-	HK1149B	OVERHAULED	
12. Remarks: OVERIBLADE BLADE BLADE	Remarks: OVERHAULED PROP PER HARTZELL SERVIC BLADES OVERHAULED BY TIFFIN AIR (DTXR BLADE MODEL NUMBER 7890K BLADE SERIAL NUMBERS 1190, 1196 & 1199	ER HARTZEL BY TIFFIN A 7890K RS 1190, 11	Remarks: OVERHAULED PROP PER HARTZELL SERVICE MANUALS 113B & 202A. REPLACED BLADES SERIAL N BLADES OVERHAULED BY TIFFIN AIR (DTXR341D) PER WORK CRDER 21396. SEE ATTACHED 8130-3 BLADE MODEL NUMBER 7890K BLADE SERIAL NUMBERS 1190, 1196 & 1199	& 202A. REF CRDER 2139	Remarks: OVERHAULED PROP PER HARTZELL SERVICE MANUALS 113B & 202A. REPLACED BLADES SERIAL NUMBERS 947, 949 & 950 WITH BLADES OVERHAULED BY TIFFIN AIR (DTXR341D) PER WORK CRDER 21396. SEE ATTACHED 8130-3 BLADE MODEL NUMBER 7890K BLADE SERIAL NUMBERS 1190, 1196 & 1199	3ERS 947, 949 & 950 WITH	
13a. Certi	13a. Certifies the items identified above were manufactured in conformity to:	ve were manufac	tured in conformity to:	14a. 🛭 14 CF	14a. 🛭 14 CFR 43.9 Return to Service 📋 Ott	Other regulation specified in Block 12	1.0
	Approved design data and are in a condition for Non-approved design data specified in Block 12.	re in a conditior pecified in Block	n for safe operation. k 12.	Certifies that unl and described in Federal Regulatii return to service.	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.	the work identified in Block 11 rdance with Title 14, Code of vork, the items are approved for	
13b. Auth	13b. Authorized Signature:		13c. Approval/Authorization No.:	14b. Authorized Signature:	ed Signature:	14c. Approval/Certificate No.:	
				Ĵ	la 4. hos	75770	
13d. Name	13d. Name (Typed or Printed):		13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Pein JERRY D. FOSTER	14d. Name(Typeli or Printed): JERRY D. FOSTER	14e. Date (dd/mmm/yyyy): 15, MAY. 2014	
				Deenoncibiliti	30		

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 airwo:thiness 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 2. Authority/Country:		2.				3. Form Tracking Number:
FAA/United States AUTHORIZED RELEASE CERTIFICATE					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
	DES TOTAL TIME SI					
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. 2 14 CFR 43.9 Return to Service 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.:		
				Total	Chount	DTXR341D
3d. Name (Typed or Printed):		13e. Date (dd/mmss/yyyy):	14d. Name (Ty Todd C. Per	ped or Printed:	14e. Date (dd/mmm/yyyy): 17/APR/2014	
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the alreraft engine/propeller/article. Where the user/installer performs work in accordance with the national regulations of an alrworthiness authority different than the airworthiness authority of the country specified in pecified in look 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 pecified 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. FAA Form 8130-3 (02-14)

NSN: 0052-00-012-9005