HARTZELL

N836EA

PROPLEM OWNER'S MANUAL





PROPELLER LOGBOOK

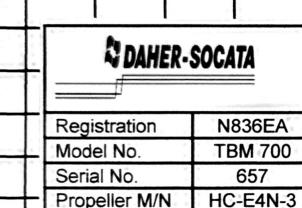
PROPELLER MODEL HC-EHN -3/E 9083 SK

PROPELLER S/N HH4714

LOGBOOK #____



Position	PITCH RANGE
Propeller Model HC-E4N-3	High/Feather
Propeller S/N HH4714	Start Lock
Blade Design	Low
Blade S/N's No. 1 $L32142$ No. 2 $L32145$ No. 3 $L321410$ No. 4 $L32143$ No. 5 $L32143$	Aircraft Manufacturer Wocator-Dahe Aircraft Model TBM 700 S/N US 7 RegistrationN8310EA
Spinner Assembly Part No	



Propeller S/N



PROPELLER RECORD ENTRY

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	101.8
Total Time	101.8
TSN	101.8
TSOH	0
Page 1 c	of 1

- COMPLIED WITH SOCATA TBM850 FIRST 100 HOUR INSPECTION AS PER SOCATA TBM 850 MAINTENANCE MANUAL, CHAPTERS 05-20-02 INSPECTION CHECKLIST.

 DRESSED PROPERTIES BY A DES.
- DRESSED PROPELLER BLADES.
 COMPLIED WITH PROPELLER LUBRICATION.
- 5. COMPLIED WITH PROPELLER LUBRICATION

HH4714

4. PRE AND POST INSPECTION MAINTENANCE RUN-UPS WERE PERFORMED. NO DEFECTS NOTED.

I CERTIFY THIS **PROPELLER** HAS BEEN INSPECTED IN ACCORDANCE WITH THE INSTRUCTIONS AND PROCEDURES OF A FIRST 100 HOUR INSPECTION IN ACCORDANCE WITH THE TBM850 MAINTENANCE MANUAL CHAPTER 5-20-01 AND IS CONSIDERED TO BE IN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this repair station under **Work Order: 11M-2494.**

Date: 7/29/2013 Authorized Signature:

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Tom Bierschwale

.==	DAHER-	SOCATA	Leading the Business of Aviation	PROPEL RECORD E	
Registra	ation	N836EA	Cutter Aviation San Antonio, Inc.	Hour Meter	195.1
Model N	No.	TBM 700	367 Sandau Rd.	Total Time	195.1
Serial N	lo.	657	San Antonio, Texas 78216	TSN	195.1
Propelle	er M/N	HC-E4N-3	FAA Repair Station No. U7TR491Y	TSOH	
Propelle	er S/N	HH4714	Phone (210) 340-6780 Fax (210) 384-3394	Page 1 o	of 1
		20-02 INSPECTION OOSE AREA OF	ONE PROPELLER DEICE BOOT IAW HARTZELL DEIC	E MANUAL CHAP	TER 61-12
3. PRE I CERTII PROCED 20-01 AN	TY THIS URES OF D IS COM	PROPELLER H AN "A" INSPECT ISIDERED TO E	MAINTENANCE RUN-UPS WERE PERFORMED. NO DEI HAS BEEN INSPECTED IN ACCORDANCE WITH FION IN ACCORDANCE WITH THE TBM850 MAINTENA BE IN AIRWORTHY CONDITION AND APPROVED FO he at this repair station under Work Order: 11M-2584.	THE INSTRUCTION	HAPTER 5

\$\frac{1}{2} DAHER-				
	SOCATA	Leading the Business of Aviation	PROPEL RECORD E	
Registration	N836EA	Cutter Aviation San Antonio, Inc.	Hour Meter	337.2
Model No.	TBM 700	367 Sandau Rd.	Total Time	337.2
Serial No.	657		TSN	337.2
Propeller M/N	HC-E4N-3		TSOH	
Propeller S/N	HH4714	Filone (210) 340-0700 Fax (210) 304-3394	Page 1	of 1
2. COMPLIED W 05-20-05. COMPLIED W INSTALLED N BLENDED PE UP PAINT AS 3. PRE AND PO	VITH 12 MONTH ENTER BETA CARBOTELLER BLAD NEEDED. ST INSPECTION	UBRICATION IAW TBM 850 MM 61-10-01. ON BLOCK IAW HARTZELL PROPELLER OWNERS MAI ES AS NEEDED IAW HARTZELL PROPELLER OWNER MAINTENANCE RUN-UPS WERE PERFORMED. NO DE	NUAL #149. RS MANUAL #149. EFECTS NOTED. THE INSTRUCT	TOUCHED
CHAPTER 5-20-0	1 AND IS CONS		PPROVED FOR R	
	Model No. Serial No. Propeller M/N Propeller S/N 1. COMPLIED V MANUAL, CH. 2. COMPLIED V 05-20-05. COMPLIED V INSTALLED N BLENDED PR UP PAINT AS 3. PRE AND PO I CERTIFY THIS PROCEDURES O	Model No. 557 Propeller M/N HC-E4N-3 Propeller S/N HH4714 1. COMPLIED WITH SOCATA TO MANUAL, CHAPTER 05-20-02 ID SOCATED WITH 12 MONTH EN 12 MONTH INSTALLED NEW BETA CARBON BLENDED PROPELLER BLAD UP PAINT AS NEEDED. 3. PRE AND POST INSPECTION I CERTIFY THIS PROPELLER PROCEDURES OF AN "B+" ANNUAL A	Model No. TBM 700 Serial No. 657 Propeller M/N HC-E4N-3 Propeller S/N HH4714 1. COMPLIED WITH SOCATA TBM850 "B+" ANNUAL INSPECTION AS PER SOCAT MANUAL, CHAPTER 05-20-02 INSPECTION CHECKLIST. 2. COMPLIED WITH 12 MONTH BETA RING AND CARBON BLOCK DIMENSIONAL INSPECTION CHECKLIST. 2. COMPLIED WITH 12 MONTH LUBRICATION IAW TBM 850 MM 61-10-01. INSTALLED NEW BETA CARBON BLOCK IAW HARTZELL PROPELLER OWNERS MA BLENDED PROPELLER BLADES AS NEEDED IAW HARTZELL PROPELLER OWNER UP PAINT AS NEEDED. 3. PRE AND POST INSPECTION MAINTENANCE RUN-UPS WERE PERFORMED. NO DE I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH PROCEDURES OF AN "B+" ANNUAL INSPECTION IN ACCORDANCE WITH THE TBM8	Model No. TBM 700 Serial No. 657 Propeller M/N HC-E4N-3 Propeller S/N HH4714 1. COMPLIED WITH SOCATA TBM850 "B+" ANNUAL INSPECTION AS PER SOCATA TBM 850 MAIL MANUAL, CHAPTER 05-20-02 INSPECTION CHECKLIST. 2. COMPLIED WITH 12 MONTH BETA RING AND CARBON BLOCK DIMENSIONAL INSPECTION IAW TBM 05-20-05. COMPLIED WITH 12 MONTH LUBRICATION IAW TBM 850 MM 61-10-01. INSTALLED NEW BETA CARBON BLOCK IAW HARTZELL PROPELLER OWNERS MANUAL #149. BLENDED PROPELLER BLADES AS NEEDED IAW HARTZELL PROPELLER OWNERS MANUAL #149. UP PAINT AS NEEDED.

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DAHER

Registration	N836EA
Model No.	TBM 700
Serial No.	657
Propeller M/N	HC-E4N-3
Propeller S/N	HH4714



Leading the Business of Aviation

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

PROPELLER RECORD ENTRY

Hour Meter	644.2
Total Time	644.2
TSOH	e a constitución de la constituc
William A Statement	
Page 1 c	of 1

- 1. COMPLIED WITH SOCATA TBM850 "A+" ANNUAL INSPECTION AS PER SOCATA TBM 850 MAINTENANCE MANUAL, CHAPTER 05-20-02 INSPECTION CHECKLIST.
- COMPLIED WITH 12 MONTH LUBRICATION.
- COMPLIED WITH 12 MONTH DIMENTIONAL CHECK OF BETA CARBON BLOCK. FOUND OUT OF LIMITS. INSTALLED NEW BETA CARBON BLOCK P/N CA3026 IAW HARTZELL PROPELLER OWNERS MANUAL #149.
- 4. BLENDED PROPELLER BLADES AS NEEDED IAW HARTZELL PROPELLER OWNERS MANUAL #149. TOUCHED UP PAINT AS NEEDED.
- 5. PRE AND POST INSPECTION MAINTENANCE RUN-UPS WERE PERFORMED. NO DEFECTS NOTED.

I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE INSTRUCTIONS AND PROCEDURES OF AN "A+" ANNUAL INSPECTION IN ACCORDANCE WITH THE TBM850 MAINTENANCE MANUAL CHAPTER 5-20-02 AND IS CONSIDERED TO BE IN AIRWORTHY CONDITION AND APPROVED FOR RETURN TO SERVICE. Pertinent details of the repair are on file at this repair station under Work Order 11M-3286.

Date:

04/10/2015

Authorized Signature:

Jon Dieselich

Tom Bierschwale

ate	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Service Documents, Overhaul, Major or M		
The state of the s	: DAH	ER	Leading the Business of Aviation	PROPE	
1	Registration	N836E	A Cutter Aviation San Antonio, Inc.	Hour Meter	1220.9
	Model No.	TBM 70		Total Time	1220.9
1	Serial No.	657	San Antonio, Texas 78216	TSN	1220.9
	Propeller M/N	HC-E4N	FAA Repair Station No. U7TR491Y	TSOH	The second distribution of
1.1					The state of the s
	Propeller S/N 1. COMPLIED	HH471	TA TBM850 "B" INSPECTION AS PER SOCATA TBM	Page 1	in the second se
	1. COMPLIED CHAPTER (2. PREPPED BLACK 14B 3. PRE AND P I CERTIFY TH PROCEDURES 01 AND IS CON	WITH SOCATION OF A "B" INSPECT	4 Contracting the second section of the contraction	Page 1 850 MAINTENANC 9-503, WHITE 14W DEFECTS NOTED. H THE INSTRUCT	E MANUAL, 89-611 AND TIONS AND APTER 5-20-





Leading the Business of Aviation

PROPELLER RECORD ENTRY

Registration	N836EA
Model No.	TBM 700
Serial No.	657
Propeller M/N	HC-E4N-3
Propeller S/N	HH4714

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	1311.8
Total Time	1311.8
TSOH	
6 inggransiyetilarini min	
Page 1 c	of 1

- INSPECTED THIS PROPELLER USING DAHER TBM700 MM CHAPTER 5-20-02 (STANDARD PROGRAM A INSP) AND 05-20-05 (12 MONTH SPECIAL CHECKS) INSPECTION CHECK LISTS AS A GUIDE.
- 2. COMPLIED WITH 12 MONTH LUBRICATION. REFERENCE TBM850 MM CHAPTER 61-10-01.
- COMPLIED WITH 12 MONTH DIMENSIONAL CHECK OF BETA CARBON BLOCK. FOUND OUT OF LIMITS. INSTALLED NEW BETA CARBON BLOCK P/N CA3026 IAW HARTZELL PROPELLER OWNERS MANUAL CHAPTER 61-10-43. OPS CHECKED GOOD.
- 4. PRE AND POST INSPECTION MAINTENANCE RUN-UPS WERE PERFORMED. NO DEFECTS NOTED.

The aircraft/component identified above was maintained or altered in accordance with current regulations of the Federal Aviation Administration and is approved for return to service for the work performed. All disrupted systems were restored and functionally tested in accordance with mfg's instructions. Pertinent details of the repair are on file at this repair station under **Work Order: 11M-4117.**

Date:

04/07/2016

Authorized Signature:

Tom Bierschwale

.DV	AH	ER	Leading the Business of Aviation	RECO	OPELI ORD E	NTRY
Registrati	on	N836EA	Cutter Aviation San Antonio, Inc.	Hour Me	ter	1524.6
Model No	Artificia in the state of the s	TBM 700	367 Sandau Rd. San Antonio, Texas 78216	Total Tir	ne	1524.6
Serial No	Service a distribution	657	FAA Repair Station No. U7TR491	Y TSOH		the entrancement
Propeller	M/N	HC-E4N-3	Phone (210) 340-6780 Fax (210) 384-		- 1	
			1			
INSP) 2. COMP MANU	CTED TH AND 05-20 LIED WIT AL 147 CH	0-05 (12 MONT H 12 MONTH I.61-00-49 AND	ER USING DAHER TBM700 MM CHAPTER 5-2 TH SPECIAL CHECKS) INSPECTION CHECK LIST 1. 5-BLADE PROPELLER PERIODIC INSPECTION CHECK SECTION 5 PARAGRAPH 4. NO DEFEC	Pa 0-04 (STANDARD TS AS A GUIDE. ON. REF HARTZE CTS NOTED.	LL OW	RAM C /NERS
1. INSPEINSP) 2. COMP MANU 3. COMP INSTA PROP 5. PRE A The aircraft Aviation Ad	CTED TH AND 05-20 LIED WIT AL 147 CH LIED WIT LIED WIT LLED NEV ELLER OV ND POST	IS PROPELLE 0-05 (12 MONTH H 12 MONTH L61-00-49 AND H 12 MONTH W BETA CARE WNERS MANUAL INSPECTION In identified above and is approven	ER USING DAHER TBM700 MM CHAPTER 5-2 TH SPECIAL CHECKS) INSPECTION CHECK LIST I 5-BLADE PROPELLER PERIODIC INSPECTI	Part of the current regulation of the current regulation of the current systems.	PROGE LL OW 1.61-00- OUT O REF I	RAM C /NERS -47. OF LIMITS. HARTZELL he Federal stored and

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JORDAN PROPELLER SERVICE, INC.

187R3, 61-217, 61-241R3, 61-267, 61-282R1, 61-293R1, 61-348 & 61-354.

103 East Rhapsody San Antonio, Texas 78216 Certificated Repair Station No. EK2R797K

PROPELLER S/N HH4714 HAS BEEN OVERHAULED

REFERENCE Hartzell Manuals 133C Rev. 38, 143A Rev. 21 & 159 Rev. 66.

Shotpeened Blade Airfoils Per Manual 133C Rev. 38. C/W Service Bulletins 30-366R3, 61-136RL 61-346R2, 61-374R1 and Service Letters 30-260R22, 30-284R1, 61-177, 61-

SIGNED SIGNED DATE 03/May/2019

MECHANIC MAKING INSTALLATION ON A/C MUST C/W FAR 43.9

te	DAH	HER	Leading the Busin	ess of Aviation	PROPELLER RE	CORD ENTRY
	Registration	N836EA	Cutter Aviation Sa	an Antonio, Inc.	Hour Meter	1668.0
	Model No.	TBM 700	367 Sand		Acft Total Time	1668.0
	Serial No.	657	San Antonio, T		Prop TSN	1668.0
1	Propeller M/N	HC-E4N-3	FAA Repair Station		TSOH	-0-
	Propeller S/N	HH4714	Phone (210) 340-6780	rax (210) 304-3394	Page 1	1 of 1
			R DYNAMIC BALANCING WIT		S BALANCE COMPUTE	
	HARTZELL MA BALANCE WE 4. COMPLIED W 5. COMPLIED W P/N CA3026 A 00-49.	ANUAL 149, CHA IGHTS. ITH 12 MONTH I ITH 12 MONTH I IND SAFTIED W		TH REFERENCE TO ACE INAL SOLUTION HAD AN CATION, REFERENCE TO TA CARBON BLOCK, INS REF HARTZELL PROPEL	S BALANCE COMPUTE I IPS OF 0.10. INSTALLE BM MM CHAPTER 61-10 STALLED NEW BETA RIF LER OWNERS MANUAL	R MANUAL AND ED PERMANENT -01. NG CARBON BLOC
The second secon	HARTZELL MA BALANCE WE 4. COMPLIED W 5. COMPLIED W P/N CA3026 A 00-49. 6. PRE AND POS The aircraft/compo Administration and	ANUAL 149, CHA IGHTS. ITH 12 MONTH I ITH 12 MONTH I IND SAFTIED W ST INSPECTION nent identified is is approved for r	R DYNAMIC BALANCING WITAPTER 61-00-49, PAGE 6-20, F PROP LUBE (4 BLADE) LUBRI DIMENSIONAL CHECK OF BE ITH COTTER PIN P/N A4543 F	TH REFERENCE TO ACE INAL SOLUTION HAD AN CATION. REFERENCE TO TA CARBON BLOCK. INSTREE HARTZELL PROPEL FRE PERFORMED. NO DETENT OF THE PERFORMED OF THE PERFORMENCE OF THE PER	S BALANCE COMPUTE I IPS OF 0.10. INSTALLE BM MM CHAPTER 61-10. STALLED NEW BETA RIF LER OWNERS MANUAL EFECTS NOTED. current regulations of stems were restored and	R MANUAL AND ED PERMANENT -01. NG CARBON BLOC #149 CHAPTER 6



Page 1 of 1

205 Durley Ave Suite A Camarillo, CA 93010 Phone: (805)389-1188 | Fax: (805) 389-3323

N836EA

Work Order No: MXCA1608

June 12, 2023

Propeller MFR: Hartzell

Model: HC-E4N-3/E9083S(K)

SN: HH4714

HOBBS: 2,357.40

TSN: 2,357.40

TSO: 689.40

Complied with a "B" inspection plus annual in reference to Daher MM Chapter 05-20-03, 05-20-05 and Hartzell MM 149. All AD's checked through revision 2023-12; see AD compliance record provided with the airframe logbook. Daher checklist meets requirements of 14 CFR 91.409 and 14 CFR 43 Appendix D.

Dressed and painted propeller I.A.W. Hartzell 149 MM Chapter 61.

Removed propeller carbon beta block and replaced with new I.A.W. Hartzell MM 149.

Balanced the aircraft propeller I.A.W. Daher MM Chapter 61 and Hartzell MM 149. IPS: 0.027 RPM: 1655.

This aircraft, airframe, aircraft engine, propeller or appliance was repaired/inspected in accordance with the current Federal Aviation Regulations and has been found to be in an airworthy condition for scope of work performed. Pertinent details of the repair/inspection are on file at this Repair Station under Work Order No. MXCA1608.

Signature 0 (/12/2025

For: FAA Approved Repair Station # C.R.S X1IR595Y

Make:	Hartzell			Reg. No	N836EA
Model:	HC-E4N-3			Date:	9/27/2024
Serial No.:	HH4714	HANC	TION	W/O No.:	2451
AFTT:	2516.8	PROP MAINTEN		Hobbs:	2516.8
TSNEW:	TSOH:			and the state of t	
2516.8	848.8				
		400			edicin yes
**	. 100 / 100	Description of W	ork Accomplished	d.	
nspections	Completed:				
* Completed a	n Annual Inspectio	n IAW 14 CER Dart 42	American district	TD840F0 8484	
completed a	m Annual mspecho	II IAW 14 CFR Part 45	Appendix D using the	S IRMINI OCRIMINI	Chapter 5-20-02
		20-05 (12 Month Spec	Appendix D using the cial Checks) Inspection		
Standard Pro		20-05 (12 Month Spec			
Standard Prog and Ground O	gram A Insp) and 5- perational Checks v	20-05 (12 Month Spec	cial Checks) Inspectio	n Check Lists as	a guide. Engine Run
(Standard Prog and Ground O * Completed a	gram A Insp) and 5- perational Checks v	20-05 (12 Month Spec vere satisfactory	cial Checks) Inspectio	n Check Lists as	a guide. Engine Run
(Standard Prog and Ground O * Completed a guide.	gram A Insp) and 5- perational Checks v in A Inspection usin	20-05 (12 Month Spec vere satisfactory	cial Checks) Inspection	n Check Lists as lard Program A	a guide. Engine Run
(Standard Prog and Ground O * Completed a guide.	gram A Insp) and 5- perational Checks v in A Inspection usin	20-05 (12 Month Spectory ag the TBM700 MM Chour Beta Ring & Carbo	cial Checks) Inspection napter 5-20-02 (Standon Block dimensional	n Check Lists as lard Program A	a guide. Engine Run
(Standard Progrand Oround Orou	gram A Insp) and 5- perational Checks with A Inspection using the 12 Month/600 H	20-05 (12 Month Spectory ag the TBM700 MM Charles and Spectory our Beta Ring & Carbo Approval for R	napter 5-20-02 (Standon Block dimensional seturn to Service	n Check Lists as lard Program A check	a guide. Engine Run Insp) Check List as a
(Standard Progrand Ground O * Completed a guide. * Complied wi	gram A Insp) and 5- perational Checks with A Inspection using th 12 Month/600 H	20-05 (12 Month Spectory ag the TBM700 MM Charles and Inspected and Inspected 20-05 (12 Month Spector) 20-05 (12 Month Sp	napter 5-20-02 (Stand on Block dimensional eturn to Service in accordance with o	n Check Lists as lard Program A check	lnsp) Check List as a
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(Standard Progrand Ground O * Completed a guide. * Complied wi The article ide found to be ai	gram A Insp) and 5- perational Checks was in A Inspection using th 12 Month/600 H ntified above was reworthy and is approunder this work or	20-05 (12 Month Spectory ag the TBM700 MM Character Spectors) Our Beta Ring & Carbo Approval for Repaired and inspected oved for return to series.	napter 5-20-02 (Stand on Block dimensional eturn to Service in accordance with ovice. Pertinent details	lard Program A check current FAA reg s of the work pe	lnsp) Check List as a ulations and was erformed are on file
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