



## PROPELLER LOGBOOK

PROPELLER MODEL <u>503-N338A1/78D01B</u>

PROPELLER S/N SF 112

LOGBOOK # 1





## PROPELLER MAINTENANCE RECORD

Propeller Model <u>5D3-N338A1/78D</u> 01	PITCH RANGE  CHigh/Feather <u>83.2</u>
Propeller S/N SF112  Blade Design EUNIPOSITE	Start Lock <u>NA</u> Low
Blade S/N's No. 1 B 550 \( \omega \)	Reverse
No. 2 <u>B 561 5</u> No. 3 <u>B 5 5 0 5</u>	Aircraft Manufacturer HARTZELL  Aircraft Model PA-46-500TP
No. 4 B 5440 No. 5 B 5613	S/N <u>4697599</u> Registration <u>N 155A</u>
No. 6  Spinner Assembly Part No	Trogionation



**Sogulis** AIRCRAFT MAINTENANCE, INC. (661) 393-1588 Fax (661) 393-2502

N 214BM Hobbs: 211.50

Prop. TT: 211.50 Prop. S/N HH-5108 Date: 4/172017

**Work Accomplished** 

Propeller --Discrepancy-

Event 1 inspection due

Compiled with Event 1 inspection (100 HR) per Piper Meridian inspection guide, MM 767-073, REV. 15 SEP 2014.

I certify this prop is approved for return to service with respect to the work performed.

Juan S Rodriguez AP3069833

Date	Prop TSN	oeller TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Service Documents, Overhaul, Major or Minor Repair, an	Directives, d Inspections.
			Squawk: Do Corrective A 102878 S/N: Maintenance 767-072, date THE ABOV AVIATION ARE ON FI DOCUMEN	PROPELLER LOGBOOK ENTRY REG. #: N15SA S/N: 4697599  Piper PA 46-500TP  Total Cycles: 331 Hobbs Time: 339.8  ring compliance of prop heat inspection – Prop heat INOP CAS message displayed.  ction: Troubleshot system, found prop deice boot torn. Replaced deice boot with new P/R  61672. Performed ground operational tests. All tests check good. Work done in accordance with danual - PA-46-500TP Malibu Meridian (with G1000 Integrated Avionics System) Issue N.  107/15/2015. EMAINTENANCE WAS PERFORMED IN ACCORDANCE WITH THE SCOTMAINTENANCE PROCEDURES MANUAL, FAR 91.409 (0)(3), 135.411 (a)(2). DETAIL THE AIRCRAFT / ENGINE IS APPROVED FOR RETURN TO SERVICE ONLORK PERFORMED	Y S





(661) 393-1588 Fax (661) 393-2502

-WO# 19066, w19080

Aircraft SN: 4697599

Blade1 SN: B5506

Blade2 SN: B5615

**PROP TT: 0.00** Prop PN: 5D3-N338A1/78D01B

Prop SN: SF112 Blade3 SN: B5505 Blade4 SN: B5440 Blade5 SN: B5613

N 15SA ACTT: 480.00

ACTC: 479.00

Date: 4/9/2018

Work Accomplished

Propeller -

Discrepancy:

Change propeller to new Hartzell Five-Bladed unit.

Removed factory installed propeller, PN:HC-E4N-3Q,SN:HH5108, Blade #1 SN:L59882, Blade #2 SN:L59883, Blade #3 SN: L59879, Blade #4 SN: L59880, Propeller Total Time at removal: 480.0 Hours, Propeller Total Cycles at removal: 478.

Installed New Hartzell Five bladed composite propeller, PN: 5D-N338A1/78D01B, SN: SF112 per STC SA04045CH, INST 020215 dated: 10 DEC 2015, REV IR, and Instructions for Continued Airworthiness, ICA 020215, dated: 18 SEP 2015.

Operational check performed, no defects found.

THE ABOVE MAINTENANCE WAS PERFORMED IN ACCORDANCE WITH THE SCOTT AVIATION MAINTENANCE PROCEDURES MANUAL, FAR 91.409(f)(3), 135.411 (a)(2). DETAILS ARE ON FILE AT THIS MAINTENANCE FACILITY UNDER WORKORDER REFERENCED IN THIS DOCUMENT. THIS PROPERLER IS APPROVED FOR RETURN TO SERVICE ONLY FOR THE WORK PERFORMED

Mark W Wiebe AP561868073IA

Date	Propeller	A/C	Description of all operations pertaining to	Airworthiness Directives,
	TSN TSO	Hrs	Service Documents, Overhaul, Major or M	inor Repair, and Inspections.
	Date: 04/ Hobbs: 6 Prop TT: ACTT: 62 Accompl inspectic MAINTEN above wa Administr engine ar office, W	224/19 625.9 625.9 25.9 lished and report NANCE Ras repaired ration and or appl 20 # S003	PROPELLER LOG Model: 5D-N338A1/78D018 SN: SF112  Event I & II Propeller Inspection IAW FAR 43, Appen as a guide. Profiled propeller and touch up paint per Pipeller ELEASE: This aircraft, airframe, aircraft engine, propelled and inspected in accordance with current regulations of is approved for return to service. All work was performed ance maintenance manuals and instructions. Pertinent 876 AD's Researched THRU REV. 2019.07  CRS # ECWR41  Municipal Airport, Vero Beach, FL 32961 (772) 562-92	dix "D", using the Piper. PA46-500T per PA46-500TP MM 61-10-00. er or appliance identified of the Federal Aviation ed in accordance with applicable aircradetails are on file at the repair station
+	—— Sun Avia	ition, inc.	Municipal Airport, Vero Beach, FL 32501 (112) 302-32	
+				
+				3
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+				
	AIRCR	AFT P	ROPELLER WORKS, INC	
2PODE	506 Charlotte	Road, Au	burndale, FL 33823 CRS# 4TZR125D	4697599
	AIRCR 506 Charlotte ELLER S/N	RAFT P Road, Au SF112	burndale, FL 33823 CRS# 4TZR125D  WORK PERFORMED Repair  503-N338A1 78001	x "D", using the Piper PA46 500TD
PROPE Propelle accorda	506 Charlotte ELLER S/N ELLER M/N	Road, Au SF112 ts demagnit inual 202A.	work performed Repair 5D3-N338A1 78D01  ized, static balanced, blade tips dressed and repainted, in Continue time.	
PROPE Propelle accorda	506 Charlotte  ELLER S/N  ELLER M/N  er resealed, steel parance with Hartzell ma  AD Compliance:	Road, Au SF112 ts demagnit inual 202A.	work performed Repair 5D3-N338A1 78D01  ized, static balanced, blade tips dressed and repainted, in Continue time.	x "D", using the Piper. PA46-500TP Vorks for repair, installed repaired P/N or appliance identified ne Federal Aviation n accordance with applicable aircraft, ails are on file at the repair station
PROPE Propelle accorda	506 Charlotte ELLER S/N ELLER M/N er resealed, steel parance with Hartzell ma AD Compliance: oply to this propeller at this t	Road, Au SF112 ts demagnit inual 202A.	WORK PERFORMED Repair 5D3-N338A1 78D01  ized, static balanced, blade tips dressed and repainted, in Continue time.	x "D", using the Piper. PA46-500TP Vorks for repair, installed repaired P/N or appliance identified ne Federal Aviation n accordance with applicable aircraft, ails are on file at the repair station
PROPE Propelle accorda	506 Charlotte ELLER S/N ELLER M/N er resealed, steel parance with Hartzell ma AD Compliance: oply to this propeller at this t	Road, Au SF112  ts demagnit inual 202A.	WORK PERFORMED Repair 5D3-N338A1 78D01  ized, static balanced, blade tips dressed and repainted, in Continue time.  D  N FILE UNDER WORK ORDER: 2836P  DATE: 2/20/2020	x "D", using the Piper. PA46-500TP Vorks for repair, installed repaired P/N or appliance identified ne Federal Aviation n accordance with applicable aircraft, ails are on file at the repair station
PROPE Propelle accorda do AD's ap	506 Charlotte ELLER S/N ELLER M/N er resealed, steel parance with Hartzell ma AD Compliance: oply to this propeller at this t	Road, Au SF112  ts demagnit inual 202A.	WORK PERFORMED Repair 5D3-N338A1 78D01  ized, static balanced, blade tips dressed and repainted, in Continue time.  N FILE UNDER WORK ORDER: 2836P	x "D", using the Piper. PA46-500TP Vorks for repair, installed repaired P/N or appliance identified ne Federal Aviation n accordance with applicable aircraft, ails are on file at the repair station
PROPE Propelle accorda No AD's ap	506 Charlotte ELLER S/N ELLER M/N er resealed, steel parance with Hartzell ma AD Compliance: oply to this propeller at this t	Road, Au SF112  ts demagnit inual 202A.	WORK PERFORMED Repair 5D3-N338A1 78D01  ized, static balanced, blade tips dressed and repainted, in Continue time.  D  N FILE UNDER WORK ORDER: 2836P  DATE: 2/20/2020	x "D", using the Piper. PA46-500TP Vorks for repair, installed repaired P/N or appliance identified ne Federal Aviation n accordance with applicable aircraft, ails are on file at the repair station
PROPE Propelle accorda	506 Charlotte ELLER S/N ELLER M/N er resealed, steel parance with Hartzell ma AD Compliance: oply to this propeller at this t	Road, Au SF112  ts demagnit inual 202A.	WORK PERFORMED Repair 5D3-N338A1 78D01  ized, static balanced, blade tips dressed and repainted, in Continue time.  D  N FILE UNDER WORK ORDER: 2836P  DATE: 2/20/2020	x "D", using the Piper. PA46-500TP Vorks for repair, installed repaired P/N or appliance identified ne Federal Aviation n accordance with applicable aircraft, ails are on file at the repair station

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Date	Prop TSN	TSO	A/C Hrs		f all operations pertaining nents, Overhaul, Major or I		
			- 	Date: <u> </u>	n_15\$A	Tach: <u>76</u>	<u>6.9</u>
				balance equipment. manual 1012 Dated	propeller using Micro Referenced Micro Vib Dec 1997. The relativown to .03/ in/sec.	aircraft analyzer e vibration was re	user
				Nes	Correse	A&P 36	45577 <del>-</del>
_							
<del></del>  -			Date: 3/	19/2021; Aircraft: N15SA; Typ	e: PA-46-500TP; S/N: 4697599;	Hobbs: 868.60	
$\dashv$			Hartzell ı	m/n: 5D3-N338A1/78D01B; s/r	SF112; TOTAL TIME =358.6		
<del> </del>			I certify to current F are on file	hat this propeller has been insp AA Regulations and was deter e at this facility under Shop Ord	pected in accordance with an Al mined to be in an airworthy cond der # MA-21-5125.	NNUAL INSPECTION and dition. Pertinent details	
			1. Lubrica	ated propeller hub with Aerosh	ell 6 grease.		
	_	_					
					Second of blades erosion shield	s. Damage is 2 type limit	
			1 accordi accumula replaced	ing to Table 3-2 of Hartzell 170 ation of less then .250". Limit t at overhaul. Sanded areas on	a propeller blades erosion shields of manual section 61-13-70. Dam his is the minor repair limit. The propeller blades. Cleaned with led glassfiber #329. Installed into Cleaned blade faces with final of the control o	erosion shield must be MEK solvent and air dried. Adamaged areas, 12	
			1 accord accumula replaced Mixed ac hours till black.	ing to Table 3-2 of Hartzell 170 ation of less then .250". Limit to at overhaul. Sanded areas on thesive (Loctite 9930) with milk dry. Sanded each repair area.  Propeller was installed new 4/9 package. No Airframe Log ent	his is the minor repair limit. The	erosion shield must be MEK solvent and air dried. damaged areas. 12 clean and paint ultra flat	
			1 accord accumula replaced Mixed ac hours till black. 3. Note: logbook AFMS in	ing to Table 3-2 of Hartzell 170 ation of less then .250". Limit to at overhaul. Sanded areas on thesive (Loctite 9930) with milk dry. Sanded each repair area.  Propeller was installed new 4/9 package. No Airframe Log entile POH.	his is the minor repair limit. The propeller blades. Cleaned with led glassfiber #329. Installed into Cleaned blade faces with final	erosion shield must be MEK solvent and air dried. I damaged areas. 12 clean and paint ultra flat d propeller is in the aircraft of this propeller. Check for	
			1 accord accumulareplaced Mixed acchours till black. 3. Note: logbook AFMS in	ing to Table 3-2 of Hartzell 17/c ation of less then .250". Limit to at overhaul. Sanded areas on the sive (Loctite 9930) with milk dry. Sanded each repair area.  Propeller was installed new 4/c package. No Airframe Log ento POH.  Ving Aviation Group, LLC 400 (Control of the sirframe engine or applied to the si	his is the minor repair limit. The propeller blades. Cleaned with fed glassfiber #329. Installed into Cleaned blade faces with final 9/2018. FAA Form 337 for STC's ry was made for the installation of Great Meadow Rd Stratford, CT (content of the content of the	erosion shield must be MEK solvent and air dried. I damaged areas. 12 clean and paint ultra flat d propeller is in the aircraft of this propeller. Check for 106615	
			1 accord accumulareplaced Mixed achours till black. 3. Note: logbook AFMS in Three W	ing to Table 3-2 of Hanzell 17/c ation of less then .250". Limit to at overhaul. Sanded areas on the sive (Loctite 9930) with mill dry. Sanded each repair area.  Propeller was installed new 4/c package. No Airframe Log ento POH.  Ving Aviation Group, LLC 400 C aft, airframe, engine or appliant regulations of the FAA and	his is the minor repair limit. The propeller blades. Cleaned with fed glassfiber #329. Installed into Cleaned blade faces with final 29/2018. FAA Form 337 for STC'ory was made for the installation of Great Meadow Rd Stratford, CT (Control of the identified was repaired and in	erosion shield must be MEK solvent and air dried. I damaged areas. 12 clean and paint ultra flat d propeller is in the aircraft of this propeller. Check for 106615	
			1 accord accumulareplaced Mixed achours till black. 3. Note: logbook AFMS in Three W	ing to Table 3-2 of Hartzell 17/c ation of less then .250". Limit it at overhaul. Sanded areas on Ihesive (Loctite 9930) with milk dry. Sanded each repair area.  Propeller was installed new 4/5 package. No Airframe Log ent a POH.  Ving Aviation Group, LLC 400 (Control of the POH)  aft, airframe, engine or applied the regulations of the FAA and ler MA-21-5125	his is the minor repair limit. The propeller blades. Cleaned with fed glassfiber #329. Installed into Cleaned blade faces with final 9/2018. FAA Form 337 for STC's ry was made for the installation of Great Meadow Rd Stratford, CT (content of the content of the	erosion shield must be MEK solvent and air dried. I damaged areas. 12 clean and paint ultra flat d propeller is in the aircraft of this propeller. Check for 106615	
			1 accord accumulareplaced Mixed achours till black. 3. Note: logbook AFMS in Three W	ing to Table 3-2 of Hartzell 17/c ation of less then .250". Limit it at overhaul. Sanded areas on Ihesive (Loctite 9930) with milk dry. Sanded each repair area.  Propeller was installed new 4/5 package. No Airframe Log ent a POH.  Ving Aviation Group, LLC 400 (Control of the POH)  aft, airframe, engine or applied the regulations of the FAA and ler MA-21-5125	his is the minor repair limit. The propeller blades. Cleaned with fed glassfiber #329. Installed into Cleaned blade faces with final 9/2018. FAA Form 337 for STC's ry was made for the installation of Great Meadow Rd Stratford, CT (content of the content of the	erosion shield must be MEK solvent and air dried. I damaged areas. 12 clean and paint ultra flat d propeller is in the aircraft of this propeller. Check for 106615	

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Date	Prop TSN	peller TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
				200 Airport Drive, Westminster, Maryland 21157 Phone: (410) 574-4144 / Fax: (410) 848-6451 Experience the Skytech-Advantage
				Propeller Log Entry N15SA W/O: 01WO-1291 Date: March 21, 2022
				Aircraft: PA-46-500TP S/N: 4697599 ACTT: 987.3 HOBBS: 987.3 ACSN: 791
				Propeller: 5D3-N338A1 S/N: SF112 PTSN: 507.3 PTSO:  Performed a 100-HOUR inspection:  Performed an annual/100 hour inspection of this propeller IAW 14 CFR Part 43, § 43.15 and appendix D (as applicable).
				Complied with the following Special Inspections per Chapter 05-10-00:  CM 6 month/12 month/400 hour propeller lubrication IAW Piper PA-46-500TP MM chapter 12-20-00 and Hartzell Propeller Owner's Manual # 149.  Complied with the following Airworthiness Directives (AD's):  None applicable at this time.  Complied with the following Service Bulletins (SB's):  None applicable at this time.  I certify that this Propeller has been inspected in accordance with a 100-HOUR inspection and was determined to be in airworthy condition.
				The aircraft and/or component identified above was repaired and inspected in accordance with current Federal Aviation Regulations and was found airworthy for return to service with respect to the work performed. Pertinent details of the repair are on file at this agency under <a href="Work Order No: 01WO-1291">Work Order No: 01WO-1291</a>
				Signedfor Skytech, Inc., 200 Airport Dr., Westminster, MD 21157 CRS#LF1R294K
		-		
	<u></u>	* *		200 AIRPORT DRIVE
				200 AIRPORT DRIVE WESTMINSTER, MD 21157 United States Phone: 410-574-4144 / Fax: 410-848-6451
				Propeller LogiEntry N15SA W/O: 01WO-1818 Date: March 16, 2023
				Propeller: 5D3-N338A1 S/N: SF112 PTSN: 603.40 PTSO:
				Performed an annual/100 hour inspection of this propeller IAW 14 CFR Part 43, § 43.15 and appendix D (as applicable). Utilized the following checklist: Piper PA-46-500TP AMM 05-20-00 Events #1 and #2 Inspection Worksheets. Airworthiness Directives checked through bi-weekly 2023-06.
				Propeller Discrepancies Propeller Time Limts
				C/W 6 month/400 hour propeller lubrication IAW Piper PA-46-500TP AMM 12-20-00 and Hartzell Propeller Owner's Magual #
				<ul> <li>C/W 600 hour/12 month composite propeller erosion shield coin-tap test IAW Hartzell Owner's Manual #486 Chapter 5 - Inspection and Check.</li> </ul>
		<del></del>		Inspection for Continued Airworthiness
				Performed ICA for Hartzeil Propeller 5D3-N33BA1 IAW Hartzeil Document # 020215 MAINTENANCE RELEASE I certify that this aircraft and/or component identified above was repaired and inspected in accordance with the inspections documented within this maintenance record entry and current Federal Aviation Regulations and was found alrworthy for return to service with respect to the work performed. Pertinent detail of the repair are on file at this agency under Work Order No: 01WO-1818.
				Signed for skytech - DMW - MAINTENANCE, 200 AIRPORT DRIVE, WESTMINSTER, MD 21157 CRS#:

Date	PA46-500TP inspection Part No.5D3-N333A1 un  MAINTENANCE RELE above was repaired and Administration and is an engine and or appliance office, WO # S005669	e maintenance manuals and instituctions. AD's Researched THRU REV.2024.06	ne, propeller or appliance identified gulations of the Federal Aviation as performed in accordance with applicable aircrapertinent details are on file at the repair station	aft,
		AIRCRAFT PROPELLE 506 Charlotte Road, Auburndale, FL PROPELLER S/N SF112 WORK PROPELLER M/N  Propeller overhauled in accordance with Hartzell manuals v3-43, 202A v6-38, 202A v8-37, 202A v9-33, 202A v10-38, compliance with SL-61-366 this propeller uses NYCO GN30 during the maintenance of this propeller is prohibited. T  AD Compliance: No ADs apply to this propeller at this time.  PERTINENT DETAILS ON FILE UNDER V  Adam Flake INSTALLER MUST CONFIRM ELIGIBILITY WITH APPLICABLE T	A 33823 CRS# 4TZR125D  K PERFORMED Overhauled  5D3-N338A1 78D01  159-88, 202A V1-65, 202A V2-33, 202A 202A V11-38, 496-11, 135F-46. In 58 grease, the use of any other grease TSN: Unknown TSO: 00.0  WORK ORDER: 7388P  DATE: 4/23/2024	

Date	Prop TSN	peller TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	1314	130		
			<u> </u>	PROPELLER LIMITED WARRANTY
			_	WORK ORDER: 7388P DATE: 4/23/2024  MODEL NUMBER: 5D3-N338A1  SERIAL NUMBER: SF112
				Hartzell Propellers overhauled by Aircraft Propeller Works, Inc. have a 18 month or 1000 hour warranty on Parts and Labor involved in the Overhaul Only. Propeller Repairs have a 12 month or 500 hour warranty on Parts and Labor involved in the Repair Only.
			<del></del>	McCauley Threadless Propellers overhauled by Aircraft Propeller Works, Inc. have a 18 month or 1000 hour warranty on Parts and Labor involved in the Overhaul Only. Propeller Repairs have a 12 month or 500 hour warranty on Parts and Labor involved in the Repair Only.
				McCauley Threaded Propellers overhauled by Aircraft Propeller Works, Inc. have a 12 month or 500 hour warranty on Parts and Labor involved in the Overhaul Only. Propeller Repairs have a 12 month or 500 hour warranty on Parts and Labor involved in the Repair Only.
				All warranty periods are calendar time or flight time, whichever occurs first. All warranty work is to be performed by APWI unless approved in writing prior to the work being accomplished. APWI is not responsible for transporting the propeller for repair.
			_	Warranty does not cover; misuse, accidents, neglect. normal wear and tear, corrosion, loss of business, loss of income, travel, lodging and food expenses, removal and installation of propeller, unauthorized changes and shipping.
				506 Charlotte Road, Auburndale, FL 33823 863-875-4800 - office⊚aircraftpropellerworks.com CRS# 4TZR125D
		6		
	— Hob Pro	e: 06/09/2 bs: 1317 p TSO: 1	2025 7.1 19.1	, Vero Beach, FL (VRB) PROPELLER LOG Model: 5D-N338A1/78D018 SN: SF112  N15SA Aircraft S/N: 4697599 —
	PA4	16-500TP	event I &	ent I & II annual Propeller Inspection IAW FAR 43, Appendix "D", using the Piper. & II inspection report as a guide. EASE: This aircraft, airframe, aircraft engine, propeller or appliance identified
	abo	ve was r	repaired a	and inspected in accordance with current regulations of the Federal Aviation  s approved for return to service. All work was performed in accordance with applicable
	airc	raft end	ine and o	or appliance maintenance manuals and instructions. Pertinent details are on file at the WO # S005983 AD's Researched THRU REV. 2025.10
	— Sig	nature: _	n. Inc. M	CRS # ECWR470D ————————————————————————————————————
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