



MID FLORIDA AIRCRAFT PROPELLER, INC.

4120 ROUSH AVENUE, ORLANDO, FLORIDA 32803
PHONE (407) 894-2412 • FAX (407) 894-0069
F.A.A. APPROVED REPAIR STATION • G2BR293X

OWNER NAME Aircraft Engineering, Inc.

ADDRESS _____

PROPELLER MODEL HC-E2YL-2BSF

BLADE MODEL F7663-4

HUB SERIAL NO. BG 4586

BLADE SERIAL NO. 1 D84285

2 D84273

3 _____

4 _____

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 1992	
4. Organization Name and Address: Mid Florida Aircraft Propeller, Inc 4120 Roush Ave. Orlando Florida, 32803 Repair Station # G2BR293X						5. Work Order/Contract/Invoice Number: 1596A	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:*	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
001	HARTZELL PROPELLER	HC-E2YL-2BSF/F7863-4	PA-30	1	B04500	OVERHAUL	
13. Remarks: MAJOR OVERHAULED PROPELLER IAW HARTZELL MANUALS 117D, 133C & 202A. COMPLIED WITH AD 2002-09-08, SB86, SB97A, SB118F, SB136R1 & SB226R1. TTSN: UNK TSO: 0.0 BLADE S/N: #1- D84285 #2- D84273							
14. 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 13.				19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 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.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: 		21. Approval/Certificate No.: G2BR293X	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): GEOFFREY W. GUBBINS		23. Date (m/d/y): JULY 13, 2005	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.							
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 parts/components/assemblies from the airworthiness authority of the country specified in Block 1.							
Statements in Blocks 14 and 19 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.							

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures Repairman and Station Certificate Numbers
7/13/05		0	<p>On July 13, 2005 Major overhauled propeller HC-E24L-2BSF/F7663-4, SN B G 4586, FAW Blatque Manual 117D, 133C & 202A. Complied with AD 2002-09-08, SB86, SB97A, SB118F, SB136R1 & SB 226R1. Returned to service this date, July 13, 2005. W/O 1596A</p> <p><i>Prof. [Signature]</i> G2BR293X</p>	
MAINTENANCE RELEASE ISSUED			<p>MID-FLORIDA AIRCRAFT PROPELLER, INC. F.A.A. Approved Repair Station G2BR293X 4120 Roush Avenue Orlando, Florida 32803</p>	

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures Repairman and Station Certificate Numbers
	OK	0		
TAC 6113	L1H		Date <u>8-25-25</u> AIRCRAFT ENGINEERING INC.	
TAC 4972	R1H		Bartow Airport 813/533-1870	
			Repair Station FAA Approved VF4R594M	
			TAC <u>6113</u> Total Time <u>OK</u>	
			I certify that this <u>prop</u> has	
			been inspected in accordance with an	
			<u>14</u> inspection and has been	
			determined to be in airworthy condition.	
			AD's thru Card <u>05-19</u>	
			AD list back of log book.	
			For details work order # <u>855</u>	
			<u>[Signature]</u> Inspector	
			Bill Turley Signature Rating	

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins

AERO SERVICES, INC.

L/H PROPELLER LOG

DATE: 03-01-07 REG. # N8666Y SER. # BG4586 W.O. N/A
 TACH: 6278.98 HOBBS: N/A TSO: 0165.98 TSN: UNKNOWN

INSPECTED THIS PROP FOR AN ANNUAL INSPECTION. DYNAMICALLY BALANCED PROPELLER WITH DSS SYSTEM. PERFORMED GROUND RUN AND LEAK CHECK, NO DEFECTS. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

ROBERT F. McDOWELL III *Robert F McDowell III* 2562721251A

ures
ation
ers

LOG ENTRY March 3, 2008

N8666Y PA30 s/n 30-1797
 Left tach reads 6446.8
 Left propeller HC-E2YL-2BSF S/N BG4586
 Total unknown since overhaul 333.8

1. Inspected prop for an annual inspection.
2. Lubed with Shell #5, (per decal on hub).
3. Ground run and leak ck satisfactory.

I certify that this propeller has been inspected in accordance with an annual inspection as required by FAR43 Appx D, and determined to be in airworthy condition.

Russell B. Romito A&P 31144401A
 March 3, 2008

Russell B Romito

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins

RY

MAINTEN

Date	Total Propeller Time	
		OK
		PTAC 5
		date
		AIRCRAFT
		Bar
		813
		Repair Station F
		TAC 5398
		I certify that this
		been inspected in ac
		ANNUAL
		determined to be in
		AD's thru Card
		AD list back of log b
		For details work ord
		Bill Turley Signat

NOTE: Enter Compliance

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures Repairman and Station Certificate Numbers
	OK	426	6-2-2011	
	RTAC	5398		
	Date	6-28-09		
	AIRCRAFT ENGINEERING INC.			
	Bartow Airport			
	813/533-1870	SMOH 426		
	Repair Station	FAA Approved		
	TAC 5398	YF4R594M		
	certify that this	Total Time		
	PROPELLER	OK		
	has			
	been inspected in			
	accordance with an			
	ANNUAL			
	inspection and			
	has been			
	determined to be			
	in airworthy condition.			
	AD's thru Card	2009-12		
	AD list back of log book.			
	For details work order #	17-95A		
	Inspector			
	Bill Turley Signature			
		Ratino		

PROP

I CERTIFY THAT THIS ~~ENGINE~~ HAS BEEN
INSPECTED IN ACCORDANCE WITH AN ANNUAL
INSPECTION AND WAS DETERMINED TO BE IN
AIR WORTHY CONDITION 2011-11

Alvin F. Ernest
AP1373849 ~~AP1373849~~ AUTHORIZED INSPECTOR

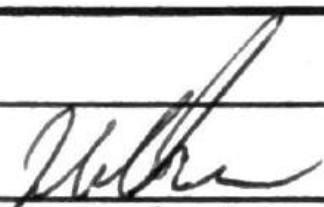

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures Repairman and Station Certificate Numbers
16 NOV 16	UNKNOWN	802.5	Propeller greased with Acroskell 6 grease	
	AFTT 6921.0		Dressed leading edges. I certify this propeller	
			has been inspected in accordance with an	
			annual inspection and was determined	
			to be in airworthy condition. <i>Michael A. P. 3492611 IA</i>	
22 FEB 18	UNKNOWN			
	AFTT 6977.37	858.87	Annual inspection completed IAW 14 CFR 43 APPX (d)	
			This propeller was determined to be in airworthy	
			condition. Lubricated with ALS #6 & dressed	
			leading edges.	<i>Michael A. P.</i>
				A+P 3492611 IA

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures Repairman and Station Certificate Numbers
25 FEB 2019	AFTT 7030.83	912.33	Annual inspection completed IAW 14CFR 43 APPX (d)	
			LUBRICATED PROP WITH ALSH 6. THIS PROPELLER	
			has been found to be in AIRWORTHY cond.	A+P 3492611 IA.
01 MAR 2020	AFTT 7105.05	986.55	Annual inspection completed IAW 14CFR 43 APPX (d)	
			THIS PROPELLER WAS FOUND TO BE IN AIRWORTHY CONDITION	 A+P 3492611 IA.

Date: 08/10/2021

Hours: TSMO 1083.7 TACH 7202.2

Tail: N8666Y

Make: Hartzell

Model: HC-E2YL-2BSF/F7663-4

S/N: BG4586

Name: James E Williams

Cert: 3176562

Co:

Signed:

Installed prop after engine overhaul. Replaced prop O ring. Retorqued IAW Piper Twin Comanche Maintenance Manual. Checked dome pressure. Reinstalled prop governor after overhaul. Adjusted prop control. Ground ran up-cycle normal.

I certify this propeller has been inspected with an annual inspection and has been found in airworthy condition.

James E. Williams IA 3176562



LEFT PROPELLER

DATE: 11-01-2022

N8666Y

PROPELLER S/N: BG4586

MODEL: Hartzell HC-E2YL-1BSF/F7663-4

TACH: 7331.4

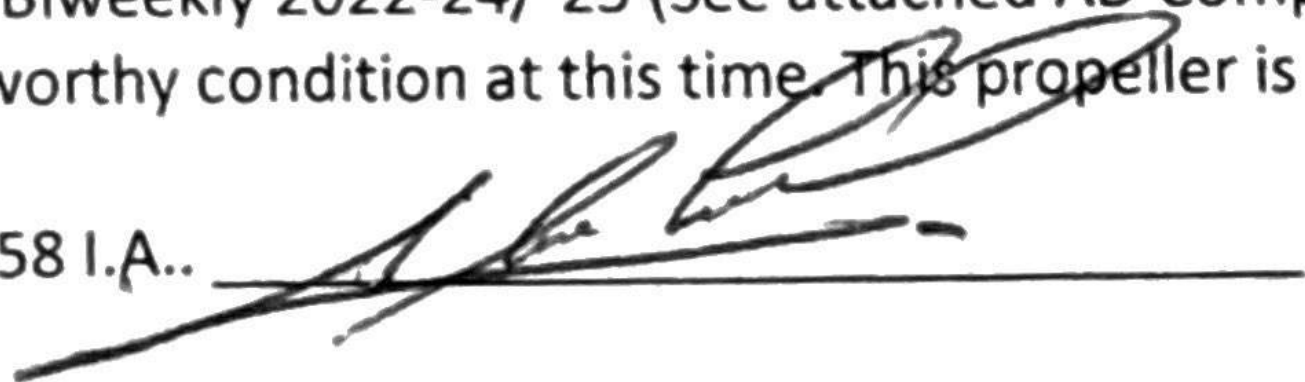
ACTT: 7331.4

PROP. TT: UNKN

PROP. TSOH: 1242.7

I certify I have inspected this Propeller in accordance with 14 CFR Part 43 Appendix-D ANNUAL INSPECTION. Removed propeller due to grease leaking at blade roots location, sent propeller for repair and reseal, installed propeller in repaired condition using new O-ring P/N: C-3317-220, torqued and safety wired per Piper Service Manual; Inspected propeller blades and hub, found normal, inspected spinner bulkhead and spinner, found normal. Note 1: informed owner/operator that propeller has reached TBO per calendar time and propeller should be overhauled per manufactures recommendation; Note 2: PROPELLER SHOULD BE LUBRICATED WITH NYCO GN3058 GREASE. Verified compliance of all applicable AD's through November 21, 2022 as of Biweekly 2022-24/-25 (See attached AD Compliance Record). I find this Propeller to be in airworthy condition at this time. This propeller is returned to service.....END.....

Alain Camous A&P 3687058 I.A..



LEFT PROPELLER

DATE: 02-26-2024

N8666Y

PROPELLER S/N: BG4586

MODEL: Hartzell HC-E2YL-2BSF/F7663-4

TACH: 7496.85 ACTT: 7496.85

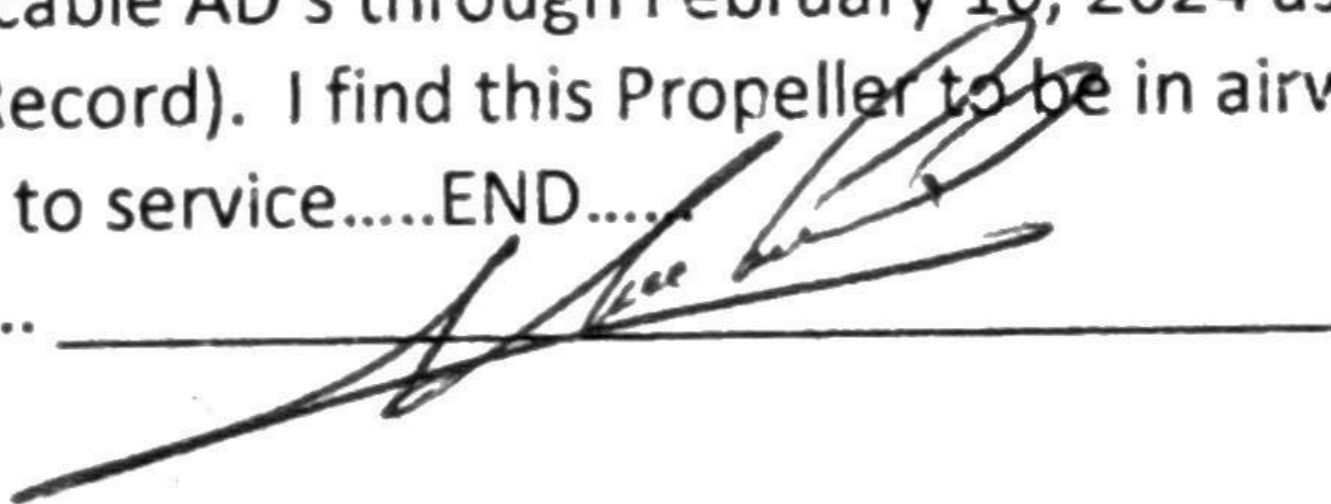
PROP. TT: UNKN

PROP. TSOH: 1408.15

I certify I have inspected this Propeller in accordance with 14 CFR Part 43 Appendix-D

ANNUAL INSPECTION. Inspected propeller blades and hub, found normal, inspected spinner bulkhead and spinner, found normal. Note 1: informed owner/operator that propeller has reached TBO per calendar time and propeller should be overhauled per manufactures recommendation; Note 2: PROPELLER SHOULD BE LUBRICATED WITH NYCO GN3058 GREASE. Verified compliance of all applicable AD's through February 16, 2024 as of Biweekly 2024-04 (See attached AD Compliance Record). I find this Propeller to be in airworthy condition at this time. This propeller is returned to service.....END.....

Alain Camous A&P 3687058 I.A..



LEFT PROPELLER

DATE: 10-04-2024

N8666Y

PROPELLER S/N: BG4586

MODEL: Hartzell HC-E2YL-2BSF/F7663-4

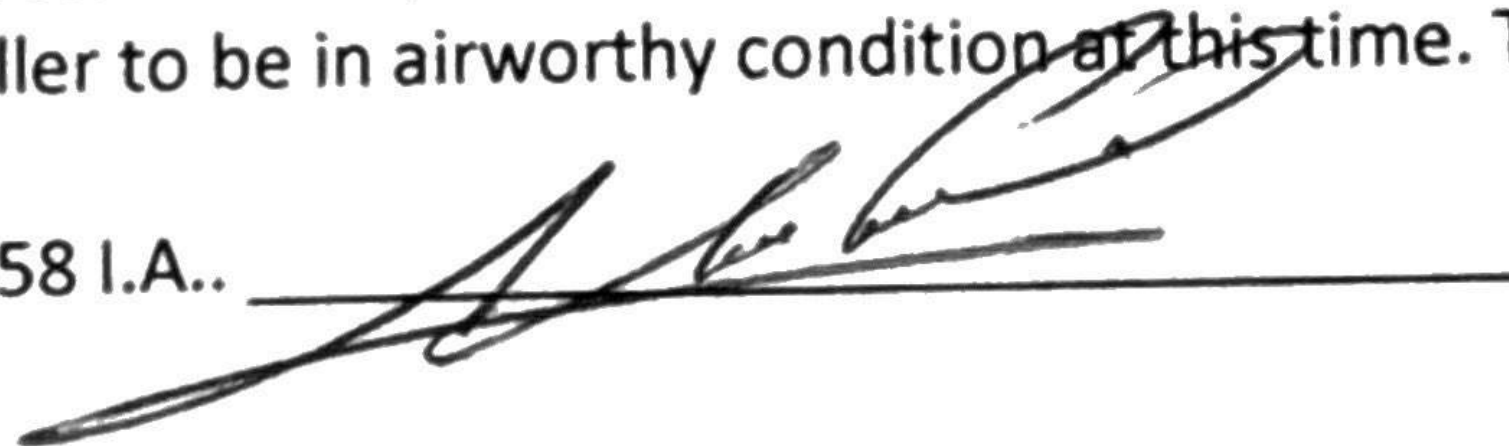
TACH: 7596.65 ACTT: 7596.65

PROP. TT: UNKN

PROP. TSOH: 1507.95

I certify I have inspected this Propeller in accordance with 14 CFR Part 43 Appendix-D ANNUAL INSPECTION. Inspected propeller blades and hub, found normal, inspected spinner bulkhead and spinner, found normal. Note 1: informed owner/operator that propeller has reached TBO per calendar time and propeller should be overhauled per manufactures recommendation; Note 2: **PROPELLER SHOULD BE LUBRICATED WITH NYCO GN3058 GREASE.** Verified compliance of all applicable AD's through October 30th, 2024 as of Biweekly 2024-22 (See attached AD Compliance Record). I find this Propeller to be in airworthy condition at this time. This propeller is returned to service.....END.....

Alain Camous A&P 3687058 I.A..



LEFT PROPELLER

DATE: 01-23-2025

N8666Y

PROPELLER S/N: BG4586

MODEL: Hartzell HC-E2YL-2BSF/F7663-4

TACH: 7692.8

ACTT: 7692.8

PROP. TT: UNKN

PROP. TSOH: 1604.1

I certify I have inspected this Propeller in accordance with 14 CFR Part 43 Appendix-D 100

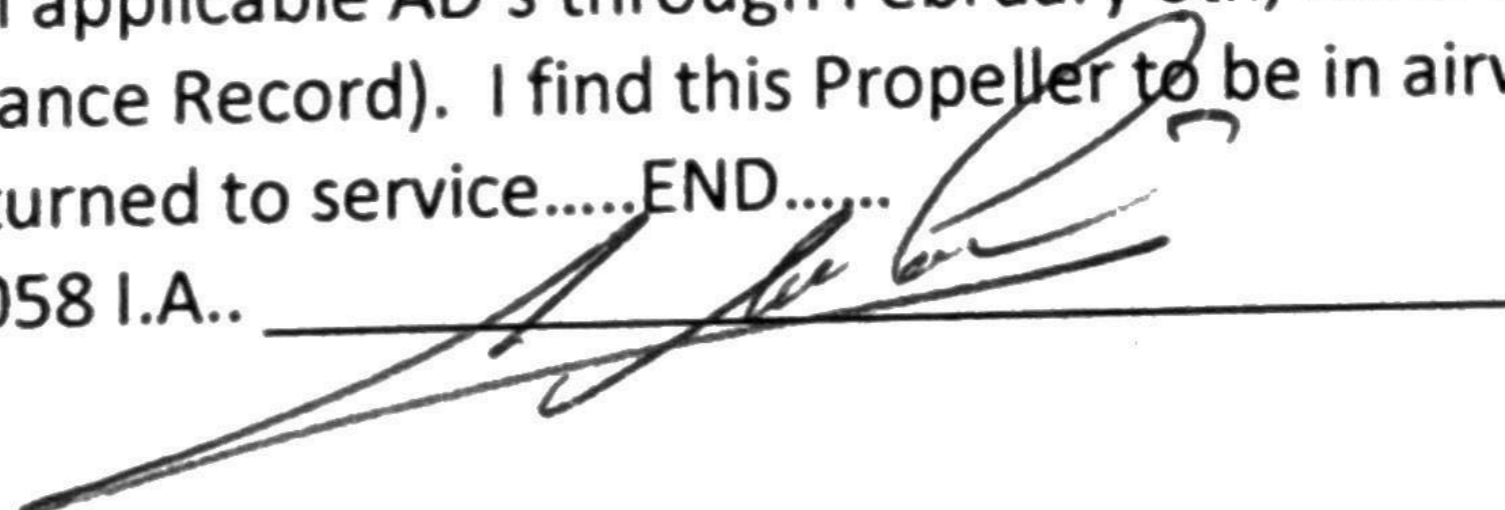
HOURS INSPECTION. Inspected propeller blades and hub, found normal, inspected spinner bulkhead and spinner, found normal. Note 1: informed owner/operator that propeller has

reached TBO per calendar time and propeller should be overhauled per manufactures recommendation; Note 2: PROPELLER SHOULD BE LUBRICATED WITH NYCO GN3058 GREASE.

Verified compliance of all applicable AD's through February 6th, 2025 as of Biweekly 2025-03 (see (See attached AD Compliance Record). I find this Propeller to be in airworthy condition at this

time. This propeller is returned to service.....END.....

Alain Camous A&P 3687058 I.A..



MM

LEFT PROPELLER

DATE: 05-19-2025

N8666Y

PROPELLER S/N: BG4586

MODEL: Hartzell HC-E2YL-2BSF/F7663-4

TACH: 7784.04

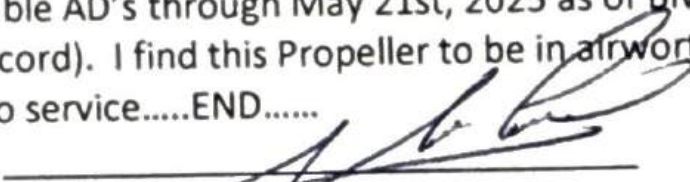
ACTT: 7784.04

PROP. TT: UNKN

PROP. TSOH: 1695.34

Date

I certify I have inspected this Propeller in accordance with 14 CFR Part 43 Appendix-D 100 HOURS INSPECTION. Inspected propeller blades and hub, found normal, inspected spinner bulkhead and spinner, found normal. Note 1: informed owner/operator that propeller has reached TBO per calendar time and propeller should be overhauled per manufactures recommendation; Note 2: PROPELLER SHOULD BE LUBRICATED WITH NYCO GN3058 GREASE. Verified compliance of all applicable AD's through May 21st, 2025 as of Biweekly 2025-11 (see (See attached AD Compliance Record). I find this Propeller to be in airworthy condition at this time. This propeller is returned to service.....END.....

Alain Camous A&P 3687058 I.A.. 

LEFT PROPELLER

DATE: 10-15-2025

N8666Y

PROPELLER S/N: BG4586

MODEL: Hartzell HC-E2YL-2BSF/F7663-4

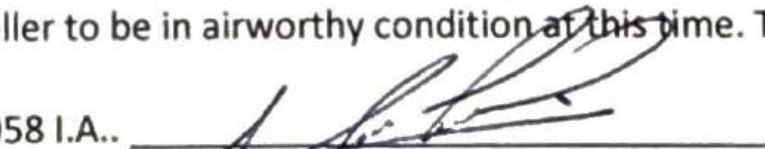
TACH: 7868.77

ACTT: 7868.77

PROP. TT: UNKN

PROP. TSOH: 1780.07

I certify I have inspected this Propeller in accordance with 14 CFR Part 43 Appendix-D ANNUAL INSPECTION. Inspected propeller blades and hub, found normal, inspected spinner bulkhead and spinner, found normal. Note 1: informed owner/operator that propeller has reached TBO per calendar time and propeller should be overhauled per manufacturers' recommendation; Note 2: PROPELLER SHOULD BE LUBRICATED WITH NYCO GN3058 GREASE. Verified compliance of all applicable AD's through November 6th, 2025 / Biweekly 2025-23 (See attached AD Compliance Record). I find this Propeller to be in airworthy condition at this time. This propeller is returned to service.....END.....

Alain Camous A&P 3687058 I.A.. 

NOT

