

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC-C3VR-1RE/F7590

PROPELLER S/N PA2180 B

LOGBOOK # 1

Logbook Entry, by Eric Clements, Owner for Aircraft ~~N8828P~~/N4284

1965 Piper Comanche 260, PA-24-260, S/N 24-4284. Lycoming IO-540-D4A5, S/N L-1727-48

DATE: 05 DECEMBER 2023

TOTAL AIRFRAME TIME: 6749.8

FAA REGISTRATION NUMBER: ~~N8828P~~→ N4284

TACH TIME: 6749.8

TSMOH: 1988.95

PROPELLER TIME: 55.13

Description of work:

Changed aircraft tail number from N8828P to N4284. Paperwork submitted to FSDO requesting new/updated Certificate of Airworthiness due to tail number change. Updated ADS-B aircraft ID on GTX345 transponder.

FAA Form 8130-6 - Request for replacement Airworthiness Certificate submitted 5 December 2023

FAA Form 8050-64 - Assignment of Special Registration Numbers submitted 5 December 2023

Eric Clements

ERIC CLEMENTS

OWNER/OPERATOR

Certificate Number: 2884055CFI

17 Nov 2023 Piper PA24-260, N8828P; Tach 6732.0

Balanced prop using Dyna-Vibe GX3.

Beginning Balance: 0.15 ips @ 314°.

Added 4.6 grams @ 120° and 4.4 grams @ 150°.

Final Balance 0.05 ips @ 297°.

Kenneth R. Hollrah

A/P 1929866

Kenneth R. Hollrah

DynaVibe

Aircraft: N8828P PA 24

Owner: ERIC

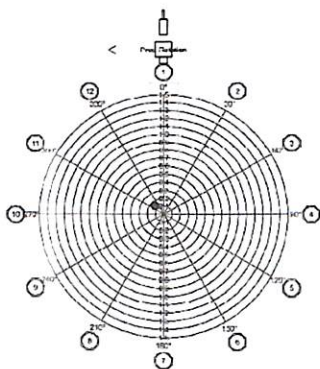
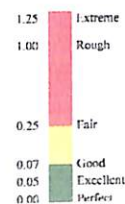
Position: CLEMENTS

Engine: TIO 540

HP (est.): 260

Propeller: 3 RH ADP

Date: 11/17/2023 11:18

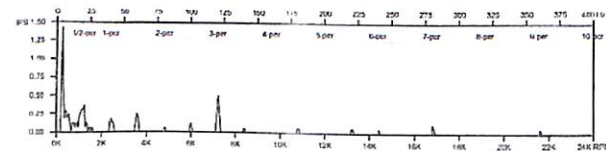


Final Reading: 0.15 IPS

Final Weights: None

Mechanic &

Cert Number:



Run #	Magnitude	Phase	Trim Wt 1	Trim Wt 1	Trim Wt 2	Trim Wt 2	Comments
1	0.15 IPS	314°	--	--	--	--	Final Value

Per AC 20-37E: Install a placard on the propeller hub or bulkhead stating that the propeller has been dynamically balanced and the assembly of the power train rotating components is an indexed assembly. Make an entry in the logbook with the date, engine hours, final balance vibration, location of the dynamic balance weights, signature and certificate number of the maintenance person.

For balancing tips, see www.rpxtech.com/dv-tips

Balanced with DynaVibe model GX3 by RPX Technologies, Inc. www.rpxtech.com

Serial number: D20110601GX3 Firmware version: 1.15 R01

Report template revised: 2016-12-12

on of all operations pertaining to
ness Directives, Service Documents,
Major or Minor Repair, and
ns.

DynaVibe

Aircraft: N8828P PA 24

Owner: ERIC

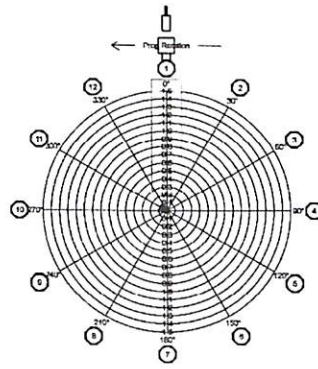
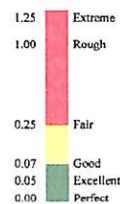
Position: CLEMENTS

Engine: TIO 540

HP (est.): 260

Propeller: 3 BLADE

Date: 11/17/2023 12:29

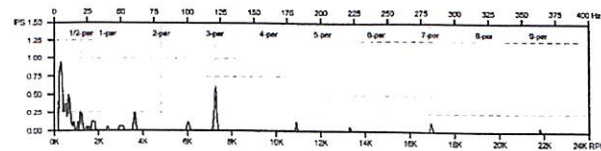


Final Reading: 0.05 IPS

Final Weights: None

Mechanic & Kenneth R. Hollrah

Cert Number: 1929866



Run #	Magnitude	Phase	Trim Wt 1	Trim Wt 1	Trim Wt 2	Trim Wt 2	Comments
1	0.05 IPS	297°	4.6 g	--	4.4 g	150°	Final Value


Per AC 20-37E: Install a placard on the propeller hub or bulkhead stating that the propeller has been dynamically balanced and the assembly of the power train rotating components is an indexed assembly. Make an entry in the logbook with the date, engine hours, final balance vibration, location of the dynamic balance weights, signature and certificate number of the maintenance person.


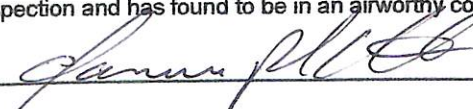
For balancing tips, see www.rpxtech.com/dv-tips

Balanced with DynaVibe model GX3 by RPX Technologies, Inc. www.rpxtech.com

Serial number: D20110601GX3 | Firmware version: 1.15 R01

Report template revised: 2016-12-12

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
Propeller Logbook Entry, by Yingling Aviation for: N8828P, Piper Comanche SN: 24-4284 Hartzell Model HC-C3YR-19r/F7590 S/N: PA2180B			
Installed new on N8828P IAW Hartzell Instructions for installation document HP24260-NST. Per STC #SA288CH.			
I CERTIFY THAT THE ABOVE STATED MAINTENANCE AND/OR INSPECTION (EXCEPT AS OTHER WISE SPECIFIED) WAS PERFORMED IN ACCORDANCE WITH THE CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION, AND THE ARTICLE/AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY WITH RESPECT TO THE WORK PERFORMED AND APPROVED FOR RETURN TO SERVICE.			
Completed By Yingling Aviation P.O. Box 9248, Wichita, KS 67277 FAA CRS #YN8R621Y Phone 316-943-3246 Signature:  Mark J. Coager		Date Completed Work Order # Tach Time Aircraft T. Time	1-11-2023 SVC27108 3649.02 6645.92 Prop Total Hrs. 0

Propeller Logbook Entry, by Yingling Aviation for: N8828P, Piper Comanche SN: 24-4284 Hartzell Model HC-C3YR-19r/F7590 S/N: PA2180B										
Lubed propeller with NYCO GN3058 grease. Checked dynamic prop balance. Propeller dynamic balance reading of 0.12 IPS is within Hartzell manual specification of 0.2 IPS. All work accomplished IAW Hartzell Manual No. 115N Maintenance Practices 61-00-15.										
I CERTIFY THAT THE ABOVE STATED MAINTENANCE AND/OR INSPECTION (EXCEPT AS OTHER WISE SPECIFIED) WAS PERFORMED IN ACCORDANCE WITH THE CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION, AND THE ARTICLE/AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY WITH RESPECT TO THE WORK PERFORMED AND APPROVED FOR RETURN TO SERVICE.										
Completed By Yingling Aviation P.O. Box 9248, Wichita, KS 67277 FAA CRS #YN8R621Y Phone 316-943-3246 Signature:  Charles Hendricks		Date Completed Work Order # Tach Time Aircraft T. Time	1-30-2023 SVC27213 3,660.15 6,657.05 Prop Total Hrs. 11.13							
<table border="1"> <tbody> <tr> <td>Date: 11-7-2023</td> <td>Aircraft # N8828P</td> <td>Serial # 24-4284</td> </tr> <tr> <td>Tach: 3676.42</td> <td>Total Time: 6722.1</td> <td>SMOH: TSN:76.2</td> </tr> </tbody> </table>					Date: 11-7-2023	Aircraft # N8828P	Serial # 24-4284	Tach: 3676.42	Total Time: 6722.1	SMOH: TSN:76.2
Date: 11-7-2023	Aircraft # N8828P	Serial # 24-4284								
Tach: 3676.42	Total Time: 6722.1	SMOH: TSN:76.2								
Propeller Logbook Entry. No AD's due at this time. I certify this propeller has been inspected in accordance with an Annual inspection and has found to be in an airworthy condition.										
James Ratzlaff 		A&P3347407IA								

HARTZELL PROPELLER INC

INSPECTION

Item Number: C3R00023

Date: 12/14/2022

Work Order #: M609590

Model Number

HC-C3YR-1RF/F7590

Ass'y Ser No.

PA2180B

Hydr Unit No.

NA

Bulkhead No.

NA

Rod

NA

Piston

NA

Cylinder

223478

Fork

130512

Blade 1: M24899	Blade 2: M24902	Blade 3: M24904	Blade 4:	Blade 5:	Blade 6:
Clamp 1: NA	Clamp 2: NA	Clamp 3: NA	Clamp 4: NA	Clamp 5: NA	

Reverse	Start Lock	Low Pitch	High Pitch	Feather	Position	Orient.	Qty: AI	St	Scrw	A-2424-1	Washer
NA	NA	13.8	30.5	NA	1	L	1	1	0	0	0
Ref Radius (inches) for angles: 30					2	T	0	1	0	0	2

Comments:

Deice Kit: NA

Packing

Certified By: *[Signature]*

Date:

12/14/22

Inspected By: Tim Jess

The approved design data for this propeller incorporates all changes required by applicable Airworthiness Directives.

The propeller covered by this certificate has passed a functional test as required by 14 CFR Part 21.137(e)(2).

PROPELLER MAINTENANCE RECORD

Position FRONT

Propeller Model HC-C3YR-1RF

Propeller S/N PA2180B

Blade Design F7590

Blade S/N's

No. 1 M24899

No. 2 M24902

No. 3 M24904

No. 4 _____

No. 5 _____

No. 6 _____

Spinner Assembly Part No. 835-52(P)

PITCH RANGE

High/Feather 30.5 \pm 1

Start Lock _____

Low 13.8 \pm .2

Reverse _____

Aircraft Manufacturer PIPER

Aircraft Model PA-24-260

S/N 24-4284

Registration N8828P