

AIRCRAFT LOG

THE NEW
PIPER AIRCRAFT, INC.

General Offices at
Vero Beach, Florida
U.S.A.

N863RB

Aircraft
Registration number

Part No. 230715

AIRCRAFT DESCRIPTION

Registration No. N863RB

Model: PA-46-500TP Popular Name: MERIDIAN

Serial No.: 4697213 Type Certificate No.: A25SO

Colors: P6294HD P1251HD P1219HD P1251HD
MATTERHORN WHITE / PHANTOM GRAY MET & TITANIUM MET / PHANTOM GRAY
MET

Engine Manufacturer: PRATT & WHITNEY Serial Numbers: Single PCE-RM0231

Original Engine Model: PT6A-42A Left _____

Right _____

Propeller Manufacturer: HARTZELL Hub or Serial Number: Single HH2248

Original Propeller Model: HC-E4N-3Q Left _____

Right _____

Blade Numbers

Left

Right

K18894
K18897
K18895
K18896

2005 MODEL

HOVEY's Aviation

Date: 01 April 2017
Model: PA46-500TP
Total Time: 1341.0
Make: Piper

N#: N863RB
Serial #: 4697213
Cycles: 912
Hour Meter: 1341.0

1. C/W an ANNUAL inspection IAW FAR 43 Appendix D using Piper Meridian Event 1 and Event 2 as a guide.
2. C/W 100 hour/annual lubrication requirements.
3. C/W 30, 90 day, 4, 6, 12 month, 2 year fuel purge inspection, 6 year oxygen mask overhaul, 12 year oxygen generator replacement and portable fire extinguisher replacement; 50, 250, and 1000 hour oil filter element replacement items as required.
4. Jacked acft and performed normal and emergency gear checks.
5. Opened and closed all inspection panels.
6. Capacity checked aircraft battery. Passed at 100%.
7. Replaced vacuum suction filter.
8. Replaced beta brush block.
9. Replaced left main tire.
10. Replaced 3 post lights.
11. Replaced brake reservoir cap o'ring and serviced.
12. Replaced hydraulic gear emergency dump valve with Piper rebuilt unit s/n FAH0670. See FAA Form 8130-3 under w/o 50186/M100362765.
13. Sealed fuel leak in left wing header tank.
14. C/W FAR 91.207 (d) ELT checks. Next due April 2018.
15. Standby emergency power supply capacity check and repair c/w by Muncie Aviation under w/o A-5425. See yellow tag.
16. C/W 6 year overhaul of oxygen mask by Master Air Parts under w/o M699717017. See FAA form 8130-3.
17. C/W 12 year replacement of all oxygen generators.
18. C/W 12 year replacement of portable fire extinguisher.
19. Piper SB 1204 Wing Life Review found aircraft is Category I, normal usage.
20. C/W Piper SL 1131 Aileron bearing lube.
21. C/W Piper SL 1135 Control Cable/Pulley inspection.
22. C/W Piper SB 1291 Card Table Placards.
23. C/W Piper VSP 257, P&W SB 3490 by installation of PY Pressure line clamp and bracket.
24. C/W Piper SB 1293B Eng Mount Inspection and Steering Placards. No defects noted on engine mount.
25. C/W Piper SB 1271 Wing Spar for cracks and Rivet Inspection. No defects noted.
26. C/W Piper 1267A Empennage Rivets per Part 1 Items 1 & 2. No defects noted.
27. Piper SL 1202 Main Gear Actuator braided hose. Braided hose not installed.

I certify this aircraft has been inspected IAW an ANNUAL inspection and found in airworthy condition.

George Hovey A&P [redacted] IA

AIRCRAFT LOG

#1

Altimeter System Tests performed to comply with CFR

91.411 and CFR 43 Appendix E has been tested to

30,000 feet for N 863RB

Make/Model ADC 37002-01-02

Serial Number MO11772

Work Order # 1047

Great American Barnstormers Inc.

FA

Authorized Signature

Date 10-26-2017

Form # 16

I certify this ATC transponder

Model CTX 330

S/N 84119528

as installed in this aircraft N 863RB has

Been tested as required by CFR 91.413 and meets the

requirements of CFR 43 Appendix F for operation

Work Order # 1047

Great American Barnstormers Inc.

F

Authorized Signature

Date 10-26-2017

Form # 19

Total To
Carry Forward

Registration No. _____

and Remarks	Signature	Certificate No.
STBY		
Altimeter System Tests performed to comply with CFR 91.411 and CFR 43 Appendix E has been tested to <u>30,000</u> feet for N <u>863RB</u> Make/Model <u>Aerosonic P550189-3</u> Serial Number <u>172590</u> Work Order # <u>1047</u> Great American Barnstormers Inc.  Authorized Signature  Date <u>10-26-2017</u> Form # 16	Altimeter System Tests performed to comply with CFR 91.411 and CFR 43 Appendix E has been tested to <u>30,000</u> feet for N <u>863RB</u> Make/Model <u>ADC 37002-01-02</u> Serial Number <u>MO17381</u> Work Order # <u>1047</u> Great American Barnstormers Inc.  Authorized Signature  Date <u>10-26-2017</u> Form # 16	

AIRCRAFT LOG

MAKE: Piper
MODEL: PA46-500TP
S/N: 4697213
REG. NO: 863RB
WORK ORDER:
9677-11-2017

FLIGHTLINE
GROUP INC.

Flightline Group, Inc.

Phone [REDACTED]

DATE: 11/15/2017
A/C TSN: 1364.4
Landings:
HOBBS: 1364.4

ice

Airframe Entries

R&R A/C Blower High and Low Remote Switches with part no. PS50203-1. Ops. check good....Adjusted nose gear door warning switch one turn out....Replaced broken nut plate and adjusted lower circuit breaker bracket..

The aircraft, engine, propeller or appliance listed above was inspected and/or repaired Ref. current FAR's and is approved for return to service ONLY regarding the above action(s). This release in no way certifies current or future airworthiness of the aircraft.

DATE: 11/15/2017

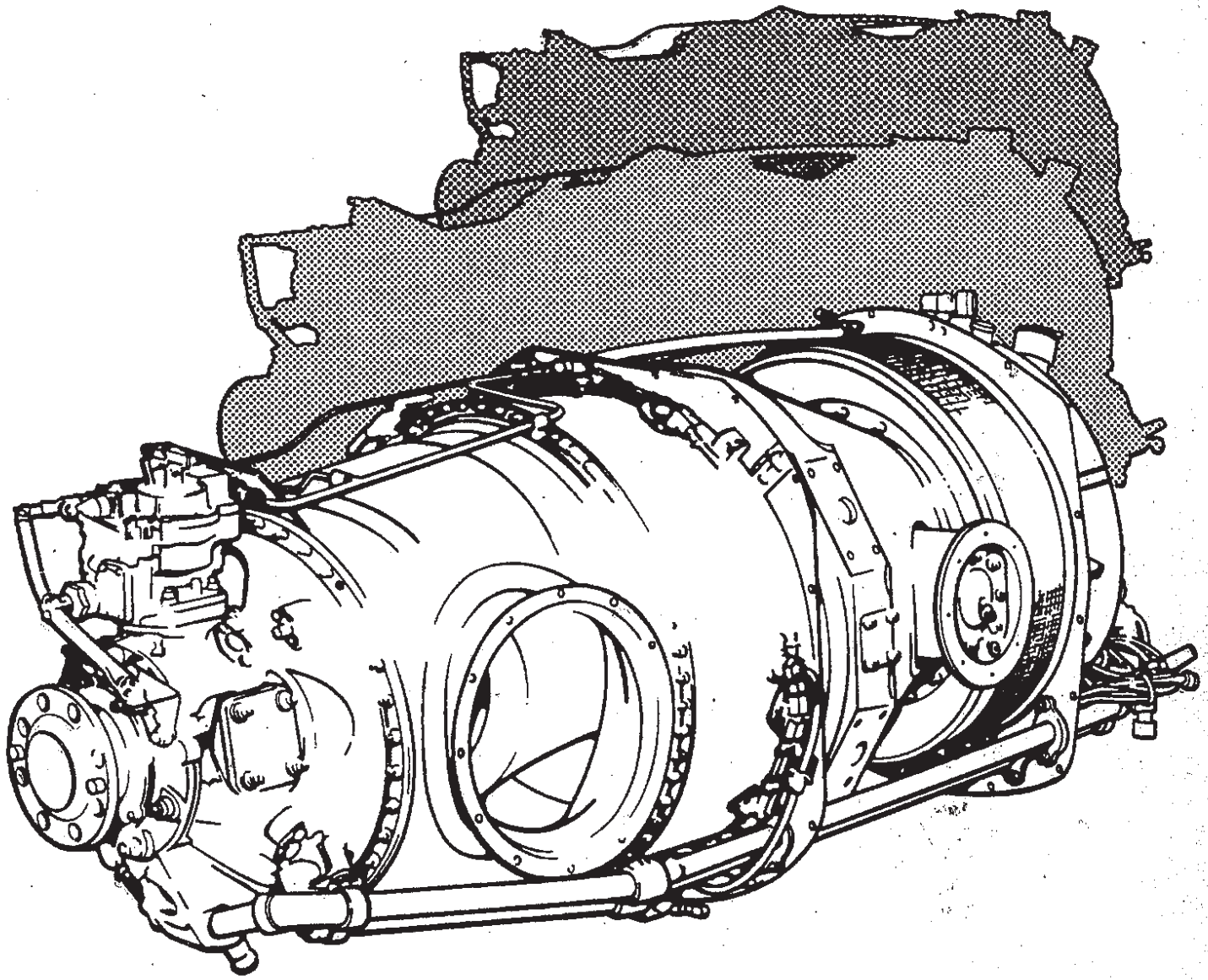
SIGNED:

Lee McHugh, A&P: [REDACTED]

Work Order: 9677-11-2017

Printed by EBis 3 (datcomedia.com)

Total To Carry Forward				



ENGINE LOGBOOK

PT6A TURBOPROP ENGINE

PCE-RM0231

A/C SN: 4697213



PRATT & WHITNEY CANADA

HOVEY's Aviation

5

Date: 01 April 2017

Model: PT6A-42A

Total Time: 1341.0

Make: Pratt & Whitney

N#: N863RB

Serial #: PCE-RM0231

Hour meter: 1341.0

Cycles: 912

LICENCE
NUMBER

1. C/W an ANNUAL inspection IAW FAR 43 Appendix D using Piper Meridian Event 1 and Event 2 as a guide.
2. C/W 1000 hour replacement main oil filter.
3. Inspected fuel filters and strainer. Replaced paper filter.
4. C/W P&W minor inspection items.
5. C/W chip detector system inspection.
6. Checked igniters. Replaced both ignitors.
7. Replaced left ignitor lead.
8. Replaced beta brush block.
9. C/W compressor wheel rinse.
10. Washed engine down. Lubed engine controls.
11. Ground run up and leak checked.

This engine is determined to be in airworthy condition and approved for return to service.

George Hovey A&P [REDACTED] IA

MAXIMUM HOURS BETWEEN OVERHAULS _____ HOURS.

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC-E4N-3Q

PROPELLER S/N HH2248

LOGBOOK # 1

HOVEY's Aviation

Date: 11 February 2016

Model: HC-E4N-3Q

Total Time: 1236.0

Make: Hartzell

N#: N863RB

Serial #: HH2248

Hour Meter: 1236.0

Cycles: 835

1. C/W an ANNUAL inspection IAW FAR 43 Appendix D using Piper Meridian Event 1 and Event 2 as a guide.
2. Reinstalled this propeller after overhaul by Hartzell Propeller Inc. See FAA Form 8130-3 under w/o 9916.
3. Ground run up, leak and operational checked.

This propeller has been determined to be in airworthy condition and is approved for return to service.

George Hovey A&P [REDACTED] IA

HOVEY's Aviation

Date: 01 April 2017

Model: HC-E4N-3Q

Total Time: 1341.0

Make: Hartzell

N#: N863RB

Serial #: HH2248

Hour Meter: 1341.0

TSO: 105.0

Cycles: 912

1. C/W an ANNUAL inspection IAW FAR 43 Appendix D using Piper Meridian Event 1 and Event 2 as a guide.
2. Lubed propeller.
3. Dressed propeller blades.

This propeller has been determined to be in airworthy condition and is approved for return to service.

George Hovey A&P [REDACTED] IA

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: MF10500	
4. Organization Name and Address: Hartzell Service Center, One Propeller Place, Piqua, Ohio 45356-2634						
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial/Batch Number:		11. Status/Work:
1	AIRCRAFT PROPELLER	HC-E4N-3Q / E8501B-3.5	1	HH2248		"OVERHAULED"

12. Remarks:

Overhauled, assembled, lubricated, static balanced, and inspected propeller. All work was performed in accordance with Hartzell manuals 143A-R18, 127-R7, 133C-R32, 159-R50, 180-R20, 181-R6, 182-R16, 202A (Vol. 1-R52, Vol. 2-R29, Vol. 3-R36, Vol. 6-R34, Vol. 7-R39, Vol. 8-R31, Vol. 9-R31, Vol. 10-R34, Vol. 11-R36), Hartzell Service Bulletins HC-SB-61-136I, HC-SB-61-346-R1, Hartzell Service Letters HC-SL-61-61Y-R9, 160, HC-SL-61-187-R3, HC-SL-61-217, HC-SL-61-241-R3, HC-SL-30-259-R13, HC-SL-30-260-R22, HC-SL-61-267, HC-SL-30-279-R8, HC-SL-61-282-R1, HC-SL-61-301, HC-SL-30-327. For serial numbers and times reference attached Form # 25. See the airworthiness limitations section of Hartzell Owners manual 149 for airworthiness limits information. Pertinent details of the work performed are on file at this agency under Work Order 9916. Certifies that the work specified in Block 11/12 was carried out in accordance with EASA Part-145 and in respect to that work the component is considered ready for release to service under EASA Part-145 Approval Number: EASA.145.4516. -----

END -----

13a. Certifies the items identified above were manufactured in conformity to:

- ☐ Approved design data and are in condition for safe operation.
☒ Non-approved design data specified in Block 12.

14a. ☒ 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.:

13d. Name (Typed or Printed):

13e. Date (dd/mm/yyyy):

14d. Name (Typed or Printed):

14e. Date (dd/mm/yyyy):

Corian Walker

25 Jan 2016

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 accepts aircraft engine(s)/propeller(s)/article(2) 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.

HARTZELL SERVICE CENTER
COMPONENT SERIAL NUMBER AND TIME RECORD

FAA Form 8130-3 Tracking Number: MF10500

Date: January 25, 2016

Model HC-E4N-3Q/E8501B-3.5

Customer: HOVEY'S AVIATION

Part	Serial Number	TSN	TSO	Airworthiness Limitations	W/O#
Propeller Assembly	HH2248	1236.0	0.0		9916
Hub	A75350	1236.0	0.0		9916
Blade	K18894	1236.0	0.0		9916
Blade	K18897	1236.0	0.0		9916
Blade	K18896	1236.0	0.0		9916
Blade	K18895	1236.0	0.0		9916
Blade					
Blade					
Clamp					
Clamp					
Clamp					
Clamp					
Clamp					
Clamp					
PC Bracket					
PC Bracket					
PC Bracket					
PC Bracket					
PC Bracket					
PC Bracket					
Beta Ring	150759				
Slip Ring	N0506911				NEW 211169
Bulkhead	JU-235C				9916
Fork	8721NR				9916
Pitch Change Rod	760				9916
Cylinder	5820				9916
Hydraulic Unit					9916
Cylinder Clamp					
Piston	7409				9916