

Aircraft Registration No. _____

Propeller Manufacturer Hartzell

Hub Model HC-B37N-5M

Blade design No. T10282N

Hub Serial No B4499T BUA 19488

Blade Serial No's

1. J28315

2. J28319

3. J28323

4. _____

5. _____

Pitch Range: High _____ Low _____ Feather _____ Reverse _____ Start _____

DATE	RECORDER OR TACH
10-19-04	TSOH

PRO

MISSISSIPPI
AIR
SI
A
D
SI
FC
CE
26

1. Approving National Aviation Authority / Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 14431	
4. Organization Name and Address: MEMPHIS PROPELLER SERVICE, INC. [REDACTED] - Olive Branch, Mississippi 38654						5. Work Order/Contract/ Invoice Number: 14528	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial / Batch Number:	12. Status / Work:	
1	Propeller Blades	T10282N	Various	3	See Below	Overhaul.	
13. Remarks: Overhauled & Reconditioned per Hartzell Service Manuals 133 & 202. Serial#: J28315, J28319 and J28323 TSN: Unk TSO: 0.0							
14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.				19. ☒ 14 CFR 43.9 Return to Service ☐ 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: [REDACTED]		21. Approval / Certificate No.:	
17. Name (Typed or Printed):		18. Date (m/d/y): 00/00/00		22. Name (Typed or Printed): TRONG VU, CHIEF INSPECTOR		23. Date (m/d/y): 09/16/2004	

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: 4126	
4. Organization Name and Address: Mid America Specialized Services [REDACTED] Mountain View Ar 72560						5. Work Order/Contract/Invoice Number: 4170	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	Propeller	HC-B3TN-5	Various	1	BUA19488	Newly Overhauled	
13. Remarks: Disassembled, Cleaned, Inspected, Overhauled, Reassembled and Tested. Reference FAA Approved Data. Blade Des No: T10282N+0 Blade Ser No: 1) J28323 2) J28319 3) J28315							
14. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 13.				19. ☒ 14 CFR 43.9 Return to Service ☐ 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: [REDACTED]		21. Approval/Certificate No.: [REDACTED]	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): Kendrick Davis		23. Date (m/d/y): 2/17/2010	
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.							

PROPELLER MAINTENANCE LOG

DATE	RECORDER OR TACH	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS, AND ALTERATIONS
4/8/10	1924.7	Dressed Propeller blade wicks and balanced propeller to .04 IPS.
		[REDACTED] AP [REDACTED]
3/24/15	TSO 301.0	INSTALLED PROPELLER ON N8376K PER HARTZELL PROPELLER MM 139. BALANCED BY ARKANSAS TURBINE SPECIALTIES TO 0.1 INDICATED.
		AIRCRAFT HOBBS. 0000
		I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND HAS BEEN FOUND TO BE IN AN AIRWORTHY CONDITION.
		[REDACTED] IA [REDACTED] AP

PROPELLER MAINTENANCE LOG

DATE	RECORDER OR TACH	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS, AND ALTERATIONS
11-12-2015	Hartzell	HC-B3TN-5M SN# BUA19488 TT: unknown TSO: 536
N8376K	G164B SN# 675B	ACTT: 8040 Hobbs: 235
		Removed Propeller IAW Hartzell manual 139 Rev. 13 June 2015. Sent to H&S Propeller Shop for repair.
		[REDACTED]
		Mark Gaerte AP [REDACTED]
03-04-2016	Hartzell	HC-B3TN-5M SN# BUA19488 TT: unknown TSO: 536
N8376K	G164B SN# 675B	ACTT: 8040 Hobbs: 235
		Reinstalled propeller IAW Hartzell manual 139 Rev. 13 June 2015. See H&S Propeller Shop work order #W46037.
		[REDACTED]
		Mark Gaerte AP [REDACTED]

1. Approving Civil Aviation Authority / Country: FAA / United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: S046037		
4. Organization Name and Address: H & S Propeller Shop, Incorporated [Redacted] White Lake, Michigan 48386-1154					5. Work Order/Contract/Invoice Number: W46037		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:		
One	Propeller	HC-B3TN-5M	One	BUA19488	Repair		
12. Remarks: Propeller disassembled, cleaned, inspected, repaired, stripped + painted blades, resealed, regreased, assembled and balanced in accordance with Hartzell Manual 118F Rev 25 dated Apr/2015 and other current FAA approved data - details found on file at this repair station under work order 46037. No Applicable AD Notes. Hub serial number BUA19488, Blade serial numbers J28315, J28323, J28319. Clamp S/N EG641, EG1448, EG1388.							
13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a 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.:	
[Redacted]		[Redacted]		[Redacted]		[Redacted]	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed):		14e. Date dd/mm/yyyy:	
[Redacted]		[Redacted]		Timothy S. Cilley		03/Mar/2016	
User/Installer Responsibilities							
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. 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 aircraft engine(s)/propeller(s)/article(s) 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.							

PROPELLER MAINTENANCE LOG

DA AMES AVIATION LTD.

Wauseon, OH 43567

Date 04/01/2016

Work Order: 2719

PROPELLER LOG

Aircraft Mfg: GRUMMAN ACFT ENG COR-SCHWEIZER

Model: G-164B

Aircraft S/N: 675B

Reg # N8376

Aircraft Total Time: 8040.7

Prop Mfg. Hartzell

Prop Model HC-B3TN-5M

S/N: BUA19488

Hobbs: :235.7

C/W Prop balance to below .2 ISC using Chadwick Model M77

This propeller is approved for return to service upon the completion of the work above. —End—

Randy E. Ames

AP [REDACTED] IA

08-31-2016 Hartzell HC-B3TN-5M SN# BUA19488 TT: unkn TSO: 649.7
N8376K G164B S/N 675B ACTT: 8153.7 Hobbs: 348.7

Greased propeller hub IAW Hartzell Manual 139 revision 13 June 2015, Sec. 6 Pgs.5-8

Mark Gaerte AP [REDACTED]

PROPELLER MAINTENANCE LOG

DATE	RECORDER OR TACH	DESCRIPTION OF INSPECTIONS, TESTS, REPAIRS, AND ALTERATIONS
12-10-2016	Hartzell HC-B3TN-5M SN# BUA19488 TT: unkn TSO: 714.2 N8376K G164B SN# 675B ACTT: 8218.2 Hobbs: 413.2	Removed propeller IAW Hartzell manual 139 Rev. 13 June 2015. . Mark Gaerte AP [REDACTED]
03-31-2017	Hartzell HC-B3TN-5M SN# BUA19488 TT: unkn TSO: 714.2 N8376K G164B SN# 675B ACTT: 8218.2 Hobbs: 413.2	Reinstalled propeller IAW Hartzell manual 139 Rev. 13 June 2015. Propeller inspected IAW FAR 43. Appendix D para. (h) 100 hour inspection. I certify this propeller to be in an airworthy condition. Mark Gaerte AP [REDACTED]

09-16-2017 Hartzell HC-B3TN-5M SN# BUA19488 TT: unkn TSO: 954.1
N8376K G164B SN# 675B ACTT: 8458.1 Hobbs: 653.1

Greased propeller with AeroShell #6.

Mark Gaerte AP [REDACTED]

11-02-2018 Hartzell HC-B3TN-5M SN# BUA19488 TT: unkn TSO: 1162.2
N8376K G164B SN# 675B ACTT: 8666.2 Hobbs: 861.2

Removed Hartzell propeller HC-B3TN-5M SN# BUA19488 IAW Hartzell manual 139 Rev. 13 June 2015.

Mark Gaerte AP [REDACTED]

04-16-2019 Hartzell HC-B3TN-5M SN# BUA19488 TT: unkn TSO: 1162.2
N8376K G164B SN# 675B ACTT: 8666.2 Hobbs: 861.2

Reinstalled propeller IAW Hartzell Manual 139 Rev. 13 June 2015.

Serviced with AeroShell 6 grease. I certify this propeller, Hartzell HC-B3TN-5M SN# BUA19488
has been IAW F.A.R. 43 Appendix D. para. (h) 100 hour insp. and found to be in an airworthy condition.

Mark Gaerte AP [REDACTED]

PROPELLER MAINTENANCE LOG

03-15-2020 Hartzell HC-B3TN-5M SN# BUA19488 TT: unkn TSO: 1399.3
N8376K G164B SN# 675B ACTT: 8903.3 Hobbs: 1098.3

Serviced with AeroShell 6 grease. I certify this propeller, Hartzell HC-B3TN-5M SN# BUA19488

has been IAW F.A.R. 43 Appendix D. para. (h) 100 hour insp. and found to be in an airworthy condition.

Mark Gaerte AP [REDACTED]

EPAIRS,

05-19-2021 Hartzell HC-B3TN-5M SN# BUA19488 TT: unknown
N8376K G164B SN# 675B ACTT: 9173.3 TSO: 1669.3 Hobbs: 1368.3

Serviced propeller with AeroShell #6 grease. Cleaned. I certify
this propeller has been IAW FAR 43 appendix D para (h) 100 hr
insp and found to be in an airworthy condition.

Mark Gaerte
AP [REDACTED]

PROPELLER MAINTENANCE LOG

[illegible]

FOSTER'S PROPELLER SERVICE

3/3/2020

Airworthiness Directives (ADs) – Current Only

Published Date	AD Number	Effective Date	Subject
	<u>70-05-06</u>	3/11/1970	Blade <i>Blade types not installed</i>
	<u>72-08-04</u>	4/11/1972	Blades <i>Blade types not installed</i>
	<u>74-14-01</u>	8/22/1974	<i>Blade types not installed</i>
	<u>86-05-12</u>	6/27/1986	Pilot Tube <i>Prop not installed on engine/propeller ma</i>
5/20/2009	<u>2009-10-14</u>	6/4/2009	Steel hub turbine propellers - - - bolts - <i>Not LE 225</i>
11/29/2006	<u>2006-24-07</u>	1/3/2007	Propeller blades <i>Propeller not listed on table 1</i>
9/9/2005	<u>2005-18-20</u>	10/14/2005	"FASTprop" propeller de-icers <i>deicers not installed</i>
7/11/2005	<u>2005-14-12</u>	7/29/2005	Propeller mounting bolts <i>bolts not installed</i>
7/13/2005	<u>2005-14-11</u>	8/17/2005	Failed propeller blade <i>No service history by Southern Calif Propeller Serv</i>
4/6/2005	<u>83-08-01R2</u>	5/11/2005	Propellers <i>Prop installed with B-3338 bolts, AD. No longer applies</i>
2/22/2005	<u>2005-04-08</u>	3/29/2005	Blade pilot tube bore area <i>N/A, blade type not installed</i>
7/3/2003	<u>2003-13-17</u>	7/18/2003	Propeller blade <i>Propeller not served by T and W Propeller Inc et</i>
2/28/2003	<u>2003-04-23</u>	4/4/2003	Propeller Blades <i>Blade types not installed</i>
9/11/1996	<u>96-18-14</u>	10/16/1996	Hub <i>Hub model ^{replaced with} S/N not on table 1. [REDACTED]</i>
7/29/1996	<u>96-15-04</u>	7/29/1996	Propeller Blade Shank <i>Prop blade design not installed</i>