

HARTZELL

PROPELLER LOGBOOK

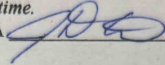
PROPELLER MODEL HC-C24K-1BF

PROPELLER S/N CH40591B

LOGBOOK # 1

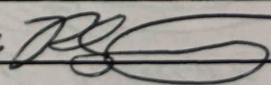
Date	Propeller		A/C Hrs
	TSN	TSO	
10-18 2018	784.0	3828.2	



Date: 9-27-2017 Tach: 3789.9 SPOH: 744.8 Reg.#: N3537N
 C/W 100hr inspection referencing FAR 43 appendix (d) and Hartzell service/maintenance manuals. Inspected blades for nicks, dents, and erosion. Removed propeller to install new crankshaft seal, replaced propeller seal with new, P/N: C3317-228, and installed propeller per maintenance manual instructions, torqued attachment bolts to 65 ft-lbs and safety wired. Dressed blades to remove slight nicks in leading edge. Verified AD compliance bi-weekly to 09-27-2017 per manufacturer. No new applicable AD's found at this time. A complete AD summary has been furnished to the aircraft owner and is part of the aircraft permanent records. Run-up and ops check, ok. *I certify that this propeller has been inspection in accordance with a 100hr inspection and was determined to be in an airworthy condition at this time.*
 A&P 3168048 IA  JD Casteel

100HR inspection & AD check 2018.20 c/w *Glenn W Dugdale* A+P 530904723

11-01-2019 N3537N M20F 680089 (1967) TTAF: 3833.2 TACH: 3833.2 ENGINE LYCOMING IO-360-A1A RL-1442-51A TT: 3833.2 TSMOH: 251.6 (O/H 4-13) PROPELLER HARTZELL HC-C2YK-1BF CH40591B TSN: 783.9 (NEW 10-06) SLICK MAGS: TSN: 318.1 HOURS SINCE LAST ANNUAL: 4.8 PERFORMED FAR PART 91 NOT FOR HIRE ANNUAL INSPECTION PER MOONEY SERVICE MANUAL AND FAR 43 APPENDIX D. CHECKED CONTROLS FOR FREEDOM OF MOVEMENT AND STOPS. INSPECTED PROPELLER HUB, BLADES, SPINNER, AND BACKPLATE. LUBED PROPELLER AS REQUIRED. DRESSED PROPELLER BLADES AS NEEDED. AD'S CHECKED THRU 2019-21 THERE ARE NO RECURRING AD'S ON THIS PROPELLER. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND HAS BEEN FOUND AIRWORTHY AS OF THIS DATE. RAY HARKINS. AP 2204237 IA.....END *Ray Harkins*

DEC 1, 2020		3857.63	I CERTIFY THAT THIS PROP HAS BEEN INSPECTED IAW FAR 43 APPENDIX D AND HAS FOUND TO BE AIRWORTHY AT THIS TIME. A/D CHECKED AND CURRENT AS OF DEC 1, 2020 IA 3372998 

Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.

Date	Propeller		A/C Hrs
	TSN	TSO	

5-20-14	603.0	603.0	3648.1
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05/20/2014 N3573N Mooney M20F s/n 680089 tach:3648.1

Dressed nicks on leading edge of propeller. Removed spinner and checked for cracks. Checked hub & blades for leakage and security. Lubed hub with Aeroshell 6. Reinstalled spinner. No defects noted.

Raymond J. Smith

Lapeer Aviation Inc. L9PR971N

4/7/15	653.67		3698.77
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INSPECTED BLADES FOR NICKS, REMOVED SPINNER CHECKED SECURITY OF HUB, LUBED AND REINSTALLED SPINNER.

Jerry Stone A&P 3350927

6/17/15	653.67		3698.77
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INSPECTED PROP. IAW IN ANNUAL INSPECTION AND FOUND TO BE IN AIRWORTHY CONDITION.

Jim Robinson 2768825 IA



Southwest Texas Aviation Inc.

Date: 8-10-2016 Tach: 3738.0 SPOH: 692.9 Reg.#: N3537N
 C/W 100hr inspection referencing FAR 43 appendix (d) and Hartzell service/maintenance manuals. Inspected blades for nicks, dents, and erosion. Verified AD compliance bi-weekly to 08-10-2016 per manufacturer. No new applicable AD's found at this time. A complete AD summary has been furnished to the aircraft owner and is part of the aircraft permanent records. Run-up and ops check, ok. I certify that this propeller has been inspection in accordance with a 100hr inspection and was determined to be in an airworthy condition at this time.
 A&P 3168048 IA *JD Casteel* JD Casteel

1 PROPELLER GOVERNOR



Freeway Airport, Inc.
3900 Church Road, Mitchellville, MD 20721
301-262-6544 (p) 301-262-4967 (f)

Date: 4/10/2013; Aircraft: N3537N; Type: Mooney M20F; S/N: 680089; Tach: 3577.46; Total Time: 3577.46; Engine - Type: IO-360-A1A, S/N: RL-1442-51A, Time: 3577.46, SMOH: 1580.10; Prop - Type: HC-C2YK-1BF/F7666A-2, S/N: CH40591B, Time: 532.36, SMOH: 532.36
Shop Order #: W00-120269

1. R&R Propeller model No.HC-C2YK-1BF/F766A-2 sn:CH40591B for flush and repair as needed by East Coast Propeller under WO# ER-9818 dated 02/13/2013
2. AD's checked through biweekly 2013-07.

I certify that this Propeller has been repair and inspected in accordance with annual, and is found to be in an airworthy condition. Pertinent details are on file under this work order.

Signed: Christopher A. Gibson
Christopher A Gibson for Freeway Airport Inc, CRS FK8R141Q

Date: 4-10-2013

1. Approving National Aviation Authority/Country FAA/United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number 39518	
4. Organization Name and Address: New England Propeller Service Inc. P.O. Box 244 FAA RSN RC2R130L East Haddam, CT 06423-2388 EASA 145.5972 (860) 873-1494 ~ Fax: (860) 873-2388					5. Work Order/Contract/Invoice Number CR-39518		
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	PROPELLER GOVERNOR	DC290D1-F/T9	N/A	1	060165	OVERHAULED	
13. Remarks: THIS COMPONENT WAS INSPECTED AND REPAIRED IN ACCORDENCE WITH MANUFACTURER'S MANUAL(S): 780401R8 AND SPM100.4. THE FOLLOWING WORK WAS PERFORMED: THIS GOVERNOR WAS OVERHAULED. GOVERNOR DISASSEMBLED AND CLEANED. PARTS VISUALLY, DIMENSIONALLY AND NDT INSPECTED. PARTS REPLACED AS REQUIRED. PARTS PAINTED AS NECESSARY. GOVERNOR ASSEMBLED, BENCH TESTED AND CALIBRATED TO MANUFACTURER'S SPECIFICATIONS. THE FOLLOWING APPLICABLE AIRWORTHINESS DIRECTIVES AND SERVICE BULLETINS WERE COMPLIED WITH: NONE. END. NEW ENGLAND PROPELLER SERVICE, INC. CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART -145 AS DEFINED IN ED DECISION 2004/04/CF, AS AMENDED BY ED DECISION 2007/001/C AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART - 145 APPROVAL NUMBER: "EASA 145.5972".							
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. Authorize Signature <i>Steven J. Ritchie</i>		21. Certificate Number RC2R130L		
		18. Date (m/d/y)	22. Name (Typed or printed): STEVEN J. RITCHIE		23. Date (m/d/y): DECEMBER 21, 2012		

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 Block 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.

FAA Form 8130-3 (6-01)

*Installer must cross-check eligibility with applicable technical data.

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360-A1A, S/N: RL-1442-51A, Time: 3577.46, SMOH: 532.36
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Christopher A Gibson for Freeway Airport Inc, CRS FK8R141Q

Date: 4-10-2013

PROPELLER MAINTENANCE RECORD

Position _____

PITCH RANGE

Propeller Model HC-C2YK-1BF

High/Feather _____

Propeller S/N CH40591B

Start Lock _____

Blade Design F7666A-2

Low _____

Blade S/N's

Reverse _____

No. 1 K46614

No. 2 K46616

Aircraft Manufacturer MOONEY

No. 3 _____

Aircraft Model M20F

No. 4 _____

S/N 68-0089

No. 5 _____

Registration N3537N

No. 6 _____

Spinner Assembly Part No. _____