AIRCRAFT
TECHNICAL RECORD

Section 4. PROPELLER LOG

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PROPELLER LOG

1. Make: HARTZELL
2. Model: HC-C2YR-1N/N7605
3. Specification Number:
4. Date of Manufacture: 1-7-2011
5. Hub Serial Number: NS74B
6. Blades
   - **(a)** Design No.: 1N/N7605
   - **(b)** Blade Serial Numbers:
     - **(1)** A4404
     - **(2)** A4415
     - **(3)**
     - **(4)**
     - **(5)**
   - **(c)** Pitch Settings
     - **(1)** Basic: 30.0
     - **(2)** High: 11.0
     - **(3)** Low: N/A
     - **(4)** Reverse:

and Maintenance Record

			TOTAL TIME SINCE OVERHAUL		
	HOURS	MIN	HOURS	MIN	

INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, MODIFICATI

MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER

SAFE SKIES AVIATION, LLC
MIDDLETOWN, OHIO
N384DM
HARTZELL HC-C2YR-1N PROPELLER S/N NS74B

5-Nov-2017 TACH-633.8 TSN-633.8

1. Removed this propeller for inspection / repair at the owner's request due to extended period of inactivity.

----------Kurt M. Yearout

A&P 3126345

AUTHORIZED RELEASE CERTIFICATE
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

1. Approving Civil Aviation Authority/Country: FAA/United States	2.				3. Form Tracking Number: PRP17-03187
4. Organization Name and Address: Aircraft Specialists. Inc. 6005 Propeller Lane Sellersburg, IN 47172 Repair Station # PZ4R458M					5. Work Order/Contract/Invoice Number: PRP17-03187
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Hartzell Propeller	HC-C2YR-1N	1	NS74B	Repaired

12. Remarks:
Reseal propeller (disassembled, cleaned, visually inspected, and reassembled using new seals and gaskets), repainted both blades, and balanced propeller. All work performed in accordance with Hartzell manual 113B Rev. 44 dated 5/2017.

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.: PZ4R458M
13d. Name (Typed or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name (Typed or Printed): Jeff Davis	14e. Date (dd/mmm/yyyy): 03 JAN 2018

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 from 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.

NSN: 0070-00-0137000

FAA Form 8130-3 (02-14)

SAFE SKIES AVIATION, LLC
MIDDLETOWN, OHIO
N384DM
HARTZELL HC-C2YR-1N PROPELLER S/N NS74B

22-May-2018 TACH-633.8 TSN-200.8 SMOH-N/A

1. Reinstalled this propeller after repair by Aircraft Specialists, Inc. CRS #PZ4R458M under work order #PRP17-03187 dated 03/Jan/2018.
2. Inspected this propeller utilizing the Hartzell ICA document No. 102706 dated 10/27/06 titled "Instructions for Continued Airworthiness for Hartzell HC-C2YR-1N/N4605 Propeller and A-2295(P) Spinner on Diamond DA 40 Aircraft" as a reference.
3. Researched AD'S through biweekly 2018-10 using the Tdata IApproach Pro system and updated AD list.

I certify that this propeller has been inspected in accordance with a 100 hour inspection as per FAR 43 appendix D and was found to be in an airworthy condition at this time. ----------Kurt M. Yearout

A&P 3126345

Section 4A: Propeller Service and Maintenance Record

DATE	TIME RUN		TOTAL TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, MODIFICATI	NAME/ SIGNATURE	LICENCE: AME or AMO/ACA
/ /	HOURS	MIN	HOURS	MIN			
BROUGHT FORWARD							

Date	TACH/HOBBS	PSOH	AFTT
12/4/2018	667.4		667.4

Prop Entry

Inspected in accordance with annual inspection per FAR 43 appendix D. Found to be in an airworthy condition and approved for return to service. Refer to WO#G03966 on file at Dillon's Aviation, Inc.

Ernest D. Rawls

Ernest D. Rawls For Dillon's Aviation, Inc.
AP238764345IA

FERNANDINA BEACH AIRCAFT MAINTENANCE **01/14/2020**
3990 CENTURION WAY HANGAR A
FERNANDINA BEACH FL. 32034

N384DM PROP: HARTZELL S/N HC-C2YR-1N/NS74B
TACH: 760.50

PERFORMED A 100 HOUR INSPECTION AND FOUND TO BE AIRWORTHY. DYNAMICALLY BALANCED PROPELLER @ 2200 RPM'S FOUND TO BE .07 IPS @ 148°. NO WEIGHTS REQUIRED.

WO 525 NOAH TIMMINS **A&P 3773737**

FERNANDINA BEACH AIRCAFT MAINTENANCE **02/17/2021**
3990 CENTURION WAY HANGAR A
FERNANDINA BEACH FL. 32034

N384DM PROP: HARTZELL S/N HC-C2YR-1N/NS74B
TACH: 822.0

PERFORMED A 100 HOUR INSPECTION AND FOUND TO BE AIRWORTHY.

WO 712 SHERMAN R KELLER **A&P 172464881**

THIS PAGE TOTAL		
PREVIOUS TOTAL BROUGHT FORWARD		
TOTAL SINCE NEW		

FERNANDINA BEACH AIRCRAFT MAINTENANCE **03/14/2022**
3990 CENTURION WAY HANGAR A
FERNANDINA BEACH FL 32034

N384DM PROP HARTZELL HC-C2YR-1N S/N NS74B TACH: 842.00

PERFORMED A 100HR INSPECTION AND FOUND THE PROP TO BE AIRWORTHY. THE END

WO 901 SHERMAN R KELLER **A&P 172464881**

Southeast Aero Services Inc.
St Augustine, FL.
Phone (904) 824-1899

Hartzell HC-C2YR-IN/N7605 s/n: NS74B N384DM
4-10-23 Hobbs:862.5hrs. Prop Total Time:862.5hrs
Completed Annual inspection per 14CFR 43 Appendix D with references to Chapters 4&5 Diamond DA-40 maintenance manual and Hartzell prop owner's manual this date. AD's checked thru FAA Bi-Weekly 2023-03. No AD's due at this time. I certify this Prop has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition at this time.

Jared King A&P3847173IA

Southeast Aero Services Inc.
St Augustine, FL.
Phone (904) 824-1899

Hartzell HC-C2YR-IN/N7605 S/N: NS74B N384DM
6/17/2024 Hobbs:883.9hrs. Prop Total Time:883.9hrs
Completed Annual inspection per 14CFR 43 Appendix D with references to Chapters 4&5 Diamond DA-40 maintenance manual and Hartzell prop owner's manual this date. AD's checked thru FAA Bi-Weekly 2024-09. No AD's due at this time. I certify this Prop has been inspected in accordance with an Annual inspection and was determined to be in Airworthy condition at this time.

Jared King A&P3847173IA

Corporate Aircraft Maintenance, LLC
Propeller logbook entry
ACTT: 886.5 **Tach: 886.5** **PTT: 453.5** **7/1/2025**
Reg # : N384DM **Model: HC-C2YR-1N** **S/N: NS74B**

1. Complied with an Annual Inspection per 14 CFR 43, Appendix D.
2. Removed prop to facilitate crankshaft seal and ring gear replacement. Reinstalled prop with new oring P/N C-048-B.
3. Leak and ops check good on ground run.

I certify this propeller has been inspected per an annual inspection, is considered airworthy and is approved for return to service.

Robert D Mullen AP/IA 2789626