

MODIFICATIONS ET CONSIGNES DE NAVIGABILITE

Numéro

Désignation

Appliqué par

Date

Visa

REVISIONS GENERALES

Effectué par

Heures
Depuis RG

Fout'
Total

Observations

Date

Visa

FICHE SUIVI HELICE

IDENTIFICATION

Marque : HARTZELL

Pas : 4mm - variable (1)

Diamètre max. : _____

Diamètre min. : 2312

Type : HC-E5N-3C

N° : RJ 594

~~hélice~~ - hélice (1)

Pales - type : NC8834K
(pour hélice pas variable)

N° : C.8820
C.8821
C.8822
C.8823
C.8824

Réglage du pas

Grand Pas
Petit Pas
Drapeau
Reverse

: 19.5° ± 0.1°
: 85° ± 0.5°
: -9° ± 0.5°

Limite de fonctionnement avant RG : Suivant SL n° 61-61Y

Autres renseignements :

Garantie 2ans à compter du : 08/2021

(1) Rayer la mention inutile

Emetteur de la fiche

Visa :

FLIPO David



Date :

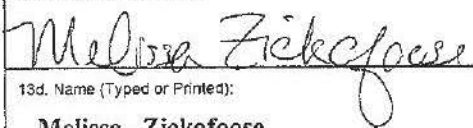
10/09/2021

DAHER
COMPAGNIE DAHER

Agrément de Production
FR - 21G - 0018

MUTATIONS ET UTILISATIONS SUCCESSIVES

[illegible]

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			20210614U	
4. Organization Name and Address: Hartzell Propeller Inc.		One Propeller Place Piqua, Ohio 45356			(PC-10)	
					5. Work Order/Contract/Invoice Number: 282575	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	Aircraft Propeller	HC-E5N-3C/NC8834K	1	RJ594	NEW	
2				DOME:2102758	NEW	
-----END-----						
12. Remarks: Propeller partially disassembled for shipment. Reassembly must be performed in accordance with the relevant Hartzell Manuals. The propeller model covered by this certificate conforms to the type design approved under EASA Type Certificate Number P.125 and TCDS revision level 05, is found to be in a condition for safe operation, and has undergone a final operational check. Packaging Methods used to protect against corrosion and damage: QC-05-003 Duration of Methods: 6 months						
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 regulations 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.: ODA-100082-CE		14b. Authorized Signature:		14c. Approval/Certificate No.:
13d. Name (Typed or Printed): Melissa . Zickafoose		13e. Date (dd/mm/yyyy): 14/Jun/2021		14d. Name (Typed or Printed):		14e. Date (dd/mm/yyyy):
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the 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 accepts engines(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.						

HARTZELL PROPELLER INC

Item Number: E5N00500SKD

Date: 6/14/2021

INSPECTION

Work Order #: M026090

Model Number HC-E5N-3C/NC8834K											
Ass'y Ser No. RJ594		Hydr Unit No. NA		Bulkhead No. 2103025		Valve No. NA					
Blade 1: C8820		Blade 2: C8891		Blade 3: C8892		Blade 4: C8893		Blade 5: C8936		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
-9.3	NA	19.5	NA	85.0	3	L	0	4	0	0	0
Ref Radius (inches) for angles: 30					4	L	1	0	0	0	0
Comments: Deice Kit: 105062 Included but not inst.											
Packing Certified By: SC					Date: 6-14-21						
Inspected By: BL											

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

Columbia Air Services, Inc.
LOG BOOK ENTRY

Page 1 of 1

A/C REG: N117MV

A/C S/N: 1388

DATE: 6/26/24

A/C TOTAL TIME: 523.2

HOUR METER: 523.2

W/O NO: MWO-24-7540

ENGINE TOTAL TIME 523.2

S.M.O.H.

1. Complied with an A+/Annual Inspection in accordance with FAR Part 43 Appendix D using Daher TBM 850/900 M.M. chapters 05-20-02 and 05-20-05 as a guide. Researched AD's through Bi-Weekly 2024-13.
2. Complied with the following special checks:
 - * 1 year propeller periodic inspection.
 - * 400 hour/1 year propeller lubrication.
 - * 600 hour/1 year beta ring and carbon block dimensional check. Removed and replaced beta feedback carbon block and yoke assembly with new, P/N: A-3044.
2. Complied with 600 hour/1 year propeller blade erosion shield coin-tap inspection in accordance with Hartzell Propeller Owner's Manual #147. Found to be satisfactory.
3. Complied with 200 hour propeller de-ice system inspection in accordance with Hartzell Ice Protection System Manual #180. Found to be satisfactory.
4. Complied with Hartzell SL HC-SL-61-364, Corrosion inhibitor on propeller counterweights. Applied corrosion inhibitor to propeller counterweight bolt heads, bolt wells and spring pins per SL instructions. Next due: 723.2 ACTT or 6/30/25.
5. Performed post maintenance ground run and aircraft flight check. Operational and leak checks satisfactory.

Columbia Air Services, Inc.
GROTON-NEW LONDON AIRPORT
GROTON, CONNECTICUT 06340

FAA Repair Station #SOSR204N, Work Order # 2024-24-284
I certify that this Propeller has been inspected in accordance with an A+/Annual Inspection in accordance with FAR Part 43 Appendix D using Daher TBM 850/900/910 M.M. chapters 05-20-02 and 05-20-05 as a guide and determined to be in airworthy condition. Pertinent details of the inspection are on file at this facility.
Date: 6/24 A/C Total Time: 523.2

Signature: *[Signature]*
Title: Inspector

-----END-----

WATER

FAA CRS # URZR891L

601 NE 10th Street
Pompano Beach, FL 33060

Date : 08/01/2025

Serial Number : 1388

Registration : N117MV

Aircraft type : TBM 700N

Meter Time: 701 Hobbs

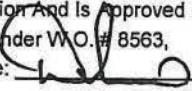
Time Since New : 701

Cycle Since New : Ukn

Work Order : 8563

- Prop. HC-E5N-3C/NC8834K S/N RJ594 TSN. 701.0
- Performed a Standard Program - C+/Annual inspection IAW TBM Maintenance manual chapters 05-20-04/05-20-05. 14 CFR 91.409(a)(1) and Part 43 Appendix D
- Performed detailed inspection and lubrication of propeller with no discrepancies being noted at this time. All work performed IAW Hartzell owners maintenance manual no. 147.
- Removed and replaced Beta Carbon Block P/n: 7323014543 as to obtain a satisfactory dimensional check. All work performed IAW Hartzell Propeller Owners Manual 147, Chapter 61-00-49, Page 6-10.
- Applied corrosion inhibitor CM352 to propeller counterweight bolts, pins, and bolt wells. Reference Hartzell Owner's Manual 147 and Hartzell Standard Practices Manual 202A.

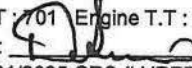
The aircraft Airframe, Engine, Propeller, Appliance Identified Above Was Repaired And Inspected In Accordance With Current Regulation Of Federal Aviation Administration And Is Approved For Return To Service For the Work Performed. Permanent Records Of The Repair Are on File At This Repair Station Under W.O. # 8563,

Date : 08/01/2025 Signature:  Darren SEAGO

CRS # URZR891L

I certify that this Propeller has been inspected/repared in accordance with "C +" inspection per Socata MM & Far 43 and determine to be in Airworthy condition. Pertinent details on file under W.O # 8563 and copy given to customer.

Aircraft T.T : 701 Engine T.T : 701 Prop T.T : 701

Signature:  Darren SEAGO

Date : 08/01/2025 CRS # URZR891L