

HARTZELL HC-D4N-3A

SERIAL NUMBER FY2976

LEFT PROPELLER

N305EL

S/N BB-947



AIRCRAFT TECHNICAL RECORD

Section 4. PROPELLER LOG

PROPELLER LOG

1. Make Hartzell
2. Model HC-D4N-3A
3. Specification Number _____
4. Date of Manufacture _____
5. Hub Serial Number FY 2976
6. Blades
 - (a) Design No. D9383K
 - (b) Blade Serial Numbers:
 - (1) F85072
 - (2) F85076
 - (3) J38171
 - (4) H19273
 - (5) _____
 - (c) Pitch Settings
 - (1) Basic _____
 - (2) High _____
 - (3) Low _____
 - (4) Reverse _____

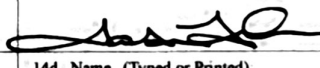


Section 4A: Propeller Service and Maintenance Record

DATE

/ /

BROUGHT
FORWARD

1 Approving Civil Aviation Authority / Country FAA/UNITED STATES		2 AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3 Form Tracking Number 21726	
4 Organization Name and Address: TEXAS AIRCRAFT PROPELLER & ACCESS 7RDR559C 1711 CR 130 - Pearland, Texas 77581				5 Work Order/Contract/ Invoice Number 21726		
6 Item	7 Description	8 Part Number	9 Quantity	10 Serial Number	11 Status / Work	
1	Propeller	HC-D4N-3A	1	FY2976	REPAIRED	
12 Remarks: Disassembled and resealed propeller in accordance with Hartzell Manual(s): 143A; 133C; 202A; 180 Blade Model #: D9383K Blade Serial #'s: (1) F85072; (2) F85076; (3) J38171; (4) H19273 Complied with the following: Service Letter(s): 165; 187R5; 293R1; 354; 364; 366 Service Instruction: 180						
13a 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 12			14a <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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: 		
13d Name (Typed or Printed):		13e Date (m/d/y) 00/00/00		14c Approval/ Certificate No. 7RDR559C		
				14d Name (Typed or Printed): Jason Falzon		
				14e Date (dd/mm/yyyy): 25/JUL/2024		

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.

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Alamo Aviation Services LLC

Left Propeller Log Entry

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August 5, 2024

PROPELLER MODEL: HC-D4N-3A
PROPELLER TOTAL HOURS: 8111.8
PROPELLER S/N: FY2976

AIRCRAFT SERIAL NUMBER	AIRCRAFT REGISTRATION NUMBER	AIRCRAFT TYPE	AIRCRAFT TOTAL HOURS	AIRCRAFT TOTAL LANDINGS
BB-947	N305EL	BE200	8107.3	7138

TASK/ITEM	DESCRIPTION
	LEFT PROPELLER BLADES HAVE NICKS
01	Blended Nicks on Left Propeller Blades IAW Hartzell Propeller Owner's Manual and Logbook No. 149 Chapter 61-00-49.
	RAISBECK QUIET TURBOFAN PROPELLER INSPECTION
02	Complied With Raisbeck Quiet Turbofan Propeller Inspection IAW Raisbeck Engineering MM Doc No. 85-120. No Discrepancies Noted.
	ALL PROPELLER BLADES HAVE SIDE PLAY INSIDE HUB
03	Removed Propeller P/N HC-D4N-3A S/N FY2976 and Sent out for Repair. Propeller Repaired by Texas Aircraft Propeller and Accessories CRS #7RDR559C Under Work Order 21726 Dated 25 July 2024. Reinstalled Original Propeller P/N HC-D4N-3A S/N FY2976 with New Packing after Repair IAW King Air B200 MM Chapter 61-13-01. Operational and Leak Checks Satisfactory.

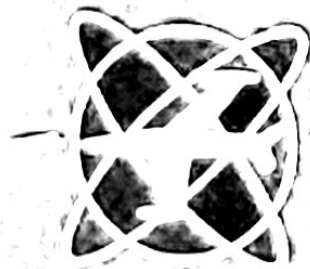
"I certify that the above maintenance/inspection was performed IAW current FAA regulations. All inspections were performed IAW Title 14 CFR 91.409 (f) (3). Only those items specified above have been inspected and found to be Airworthy and Returned to Service." No other representations concerning Airworthiness are expressed or implied.

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Work Performed by:

Aldo Delgado
Certificate No: A&P #3582560

LEFT BR-945



The Standard

PROPELLER LOG

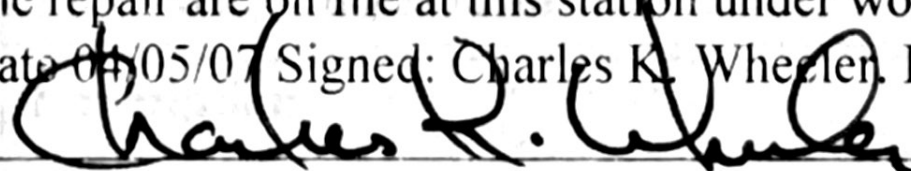
151-921

☐ **HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS**

Year: _____	Total Time in Service
Date: _____	
Next Inspection Due: _____	Time Since Overhaul

Description

Make: Hartzell Model # HC-D4N-3A/D9383K S/N FY2976. The propeller identified above was repaired & inspected I/A/W current maintenance rules of the Federal Aviation Administration regulations & is approved for return to service. Pertinent details of the repair are on file at this station under work order # 040707, date 04/05/07 Signed: Charles K. Wheeler. Date of 04/17/07



For Atlanta Propeller Service, Inc. FAA Repair Station # DR4R138M. 4787 Clark Howell Hwy, College Park, GA 30349

Year: _____	Total Time in Service
Date: _____	
Next Inspection Due: _____	Time Since Overhaul

Mech. Cert. # or Repair Station # _____

Year: _____	Total Time in Service
Date: _____	
Next Inspection Due: _____	Time Since Overhaul

Description

Mech. Cert. # or Repair Station # _____

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS ☐

Yes

Date

No

Date



STEVENS AVIATION INC.
GREENVILLE, SC

N500WF

BB-947

ACTT 6,009.4

HM 4,461.9

4/25/2007

FLIGHT CYCLES 5,194

LEFT PROPELLER

S/N FY2976

PTSN 6,009.4

PTSO 0.0

1 Performed a Phase 1,2,3,4 /200 Hour Inspection using the Raytheon/Beech King Air B200 Maintenance Manual 200 Hour Phase Inspection Guide. Dressed blades and painted faces and tips.

1 Lubed with Aeroshell #6 grease.

1 Inspected propeller in accordance with Raisbeck Maintenance Manual.

I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN INSPECTION PROGRAM REQUIRED BY FAR 91-409(F) 3 AND A PHASE 1,2,3,4 INSPECTION WAS ACCOMPLISHED AND THE AIRCRAFT IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER GSP.21252/124.

Signed

Dendall Wood

For STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K

Mech. Cert. # or repair station #



STEVENS AVIATION INC.
GREENVILLE, SC

N500WF

SN BB-947

ACTT 6009.4

4/25/2007

HM 4461.9

FLIGHT CYCLES 5194

LEFT PROPELLER

S/N FY-2976

TTSN 6009.4

TSO 350.8

203 Replaced spinner washers with new P/N A1020 and applied proper torque to screws.

212 Removed propeller S/N FY-276A and installed on with a new hub S/N FY-2976, overhauled by Atlanta Propeller Service, College Park GA. CRS# DR4R138M, under W.O.# 040707, dated 4-17-2007. Balanced Propeller to below 0.5 IPS.

THE MAINTENANCE IDENTIFIED IN THIS WORK ORDER PACKAGE HAS BEEN INSPECTED AND THE ITEM(S) ARE APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR(S) ARE ON FILE AT THIS AGENCY UNDER WORK ORDER NUMBER *GSP.21252 /125.*

SIGNED

Dendall Wood


For STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K

Next Inspection
Due:

Time Since
Overhaul

Mech. Cert. # or Repair Station #

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS ☐

	Total Time in Service	Description	
Year: _____			
Date: _____			
Next Inspect Due: _____			
	MODEL HC-D4N-3A	AIRSPEED AIRCRAFT MAINTENANCE	DATE 12/11/08
	S/N FY-2976	927 FLIGHTLINE DR	HOBBS 4584.4
	REG N500WF	DOTHAN, AL. 36303	TTP 6131.9
			TSOH 471.3
Year: _____			
Date: _____			
Next Inspect Due: _____			
	THIS AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE HAS BEEN REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER W/O # 08-2804.		
	THIS PROPELLER HAS BEEN INSPECTED IN CONJUNCTION WITH AN AIRCRAFT COMPLETE INSPECTION, PHASE 1-4.		
Year: _____			
Date: _____			
Next Inspect Due: _____			
	GROUND RUN ACCOMPLISHED FOLLOWING WITH ALL RESULTS NORMAL AND NO LEAKS NOTED.		
			 41519 284120

☐ HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

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MODEL HC-D4N-3A
S/N FY2976
REG N500WF

ALLIANCE AVIATION
927 FLIGHTLINE DR
DOTHAN, AL. 36303

DATE 3/1/11
HOBBS 4686.5
TTP 6234.0

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Du

THIS AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE HAS BEEN REPAIRED AND/OR
INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL REGULATIONS AND WAS FOUND
AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY
UNDER W/O.

THIS PROPELLER HAS BEEN INSPECTED IN CONJUNCTION WITH A COMPLETE
INSPECTION IAW B200 M/M AND INSPECTION GUIDE

Yea

Dat

Nex
Due:

Overhaul

Mech. Cert. # or Repair Station #

Fuller
AP34728048A

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS ☐

MODEL HC-D4N-3A
S/N FY2976
REG N500WF

ALLIANCE FLIGHT SUPPORT
927 FLIGHTLINE DR
DOTHAN, AL. 36303

DATE 4/5/12
HOBBS 4734.0
TTP 6281.5

THIS AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE HAS BEEN REPAIRED AND/OR INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL REGULATIONS AND WAS FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT THIS AGENCY UNDER W/O.

THIS PROPELLER HAS BEEN INSPECTED IN CONJUNCTION WITH AN INTERIM INSPECTION IAW B200 M/M AND INSPECTION GUIDE

Beorch
H 3478804

Mech. Cert. # or Repair Station # _____

MODEL HC-D4N-3A

S/N FY2976

REG N500WF

ALLIANCE FLIGHT SUPPORT

927 FLIGHTLINE DR

DOTHAN, AL. 36303

DATE 8/9/13

HOBBS 4761.6

TTP 6309.1

THIS PROPELLER HAS BEEN INSPECTED IN CONJUNCTION WITH A COMPLETE INSPECTION
IAW B200 M/M AND INSPECTION GUIDE

Robert Schwan
AP 3478804

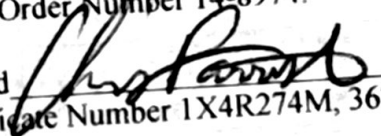
Year: _____	Total Time in Service	Description
Date: _____		
Next Inspection Due: _____	Time Since Overhaul	
		Mech. Cert. # or Repair Station # _____

Year: _____	Total T in Servi
Date: _____	
Next Inspection Due: _____	Time S Overha

March 24, 2014. HUB: HC-D4N-3A. SN: FY2976. TT: 6314.9. TSO: 0.00.
Overhauled propeller, painted and statically balanced in accordance with Hartzell
Manuals: 143, 133, 159, 202. All other current service information and Airworthiness
Directives complied with as of this date. NOTICE: An Airworthiness Directive may
apply to the installation of the propeller described hereon. The installer is responsible
for ensuring complete compliance with any applicable installation Airworthiness
Directive.

Year: _____	Total T in Servi
Date: _____	
Next Inspection Due: _____	Time S Overha

Maintenance Release (Complete Overhaul)
The aircraft propeller, or appliance identified above was overhauled and inspected
in accordance with Regulations of the Federal Aviation Agency and is approved for
return to service. Pertinent details of the repair are on file at this repair station under
Work Order Number 14-8974.

Signed  for AIR PROP SPECIALISTS, INC.
Certificate Number 1X4R274M, 3671 Industrial Park Drive, Marianna, FL 32446

Year: _____	Total T in Servi
Date: _____	
Next Inspection Due: _____	Time S Overha

Mech. Cert. # or Repair Station # _____

☐ HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

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MODEL HC-D4N-3A

S/N FY2976

REG N500WF

ALLIANCE FLIGHT SUPPORT

927 FLIGHTLINE DR

DOTHAN, AL 36303

DATE 5/1/15

HOBBS 4767.4

TTP 6314.9

TSMOH 0.0

Ye

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THIS PROPELLER HAS BEEN INSPECTED IN CONJUNCTION WITH AN INTERIM INSPECTION
IAW B200 M/M AND INSPECTION GUIDE

PROPELLER OVERHAULED AT THIS TIME

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Walt Sh
10134728043A

mech. Cert. # or Repair Station #

MODEL HC-D4N-3A
S/N FY2976
REG N500WF

ALLIANCE FLIGHT SUPPORT
927 FLIGHTLINE DR
DOTHAN, AL 36303

DATE 04/18/17
HOBBS 4771.6
TTP 6319.1
TSMOH 42

THIS PROPELLER HAS BEEN INSPECTED IN CONJUNCTION WITH AN COMPLETE INSPECTION
IAW B200 M/M AND INSPECTION GUIDE

Robert Schen
AP 347 280420

A.D. #

Next Inspection
Due:

Mech. Cert. # or Repair Station #

☐ **AIRWORTHINESS DIRECTIVES**

Year: _____	Total Hours _____	Complied by the following: _____
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STEVENS AVIATION, INC.
NASHVILLE, TN

May 18, 2018

Left Prop S/N FY-2976

N500WF
S/N BB-947
TSN 6329.6

ACTT 6329.6
HM 4782.1
TSO 14.7

Dressed Blades. Lubricated Propeller. Adjusted blade angles to within limits IAW Raisbeck MM. C/W Raisbeck Phase 1 thru 4 quiet turbofan propeller inspection.

I certify this *Propeller* has been inspected in accordance with FAR 91.409(F) 3 and a *Beechcraft Complete* Inspection was accomplished and the aircraft is approved for return to service. Pertinent details are on file at this agency under work order number 8412.

SIGNED _____

For STEVENS AVIATION, Nashville, TN 37217, CRS VIB3368K

Next Inspection
Due:

Mech. Cert. # or Repair Station # _____

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS ☐

Year: _____	Total Time in Service	Description
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SD #1
satcom direct.

2/17/2019 11:15:00 AM N305EL

Serial: 1

FY-2946

Meter: 35.5 TTIS: 0.0

1 of 1

1. : Inspected Propeller IAW Raisbeck MM Phase 1 inspection. Dressed and painted blades.

This Propeller is approved for return to service.

386-341-6172 1600 Ormond Rd.

Gus Warren skywayaero@gmail.com

AP32022841A

This entry has NOT been digitally signed on the AircraftLogs system. The above information is the maintenance record author.

Next Inspection Due:	Time Since Overhaul	
		Mech. Cert. # or Repair Station # _____

☐ AIRWORTHINESS DIRECTIVES

Year: _____

Total Hours _____

Complied by the following: _____

8/26/2019 11:23:00 AM N305EL

Serial: 2 2996

Meter: 236.1 TTIS: 1783.6

 SD satcom direct.

1 of 1

1. : Inspected Propeller IAW Raisbeck MM Phase 1 inspection. Dressed and painted blades.

This propeller is approved for return to service.

386-341-6172 1600 Ormond Rd.


Gus Warren skywayaero@gmail.com

 AP3202234 1A

This entry has NOT been digitally signed on the AircraftLogs system. The above information is the maintenance record author.

Next Inspection
Due: _____

Mech. Cert. # or Repair Station # _____

1. Approving Civil Aviation Authority / Country: FAA / United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: S049545	
4. Organization Name and Address: H & S Propeller Shop, Incorporated 8220 Old White Lake Road, White Lake, Michigan 48386-1154					5. Work Order / Contract / Invoice Number: W49545	
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
One	Propeller	HC-D4N-3A	One	FY2976	Overhaul	
12. Remarks: Propeller overhauled in accordance with Hartzell Manual 143A Rev 22 dated 01/Dec/2019 and other current FAA approved data - details found on file at this repair station under work order 49545. No Applicable AD Notes. Complied with SB 61-136R1, 61-374R1 & SL 61-217, 61-267, 61-329, 61-347, 61-348, 61-354, 61-364.. NOTE: Hub serviced with Nyco GN3058 grease per SL 61-366. Hub serial number FY2976, Blades serial numbers F85072, F85076, J38171, H19273 (replacing F85070, F85074).						
13a. 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 12.			14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> 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.: MQ5R050N	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):	14d. Name (Typed or Printed): Richard M Bann Jr		14e. Date dd/mm/yyyy): 26/Feb/2021	

TIVES ☐

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☐ **FACTORY BULLETINS**

Year: 2021

Total Time

Compiled by the following:

Date:

3/8/21

Next Inspection

7/21/25

Due:

Factory
Bulletin #

Propeller was installed after
overhaul this date.
See Airframe log book - Also -

Mech. Cert. # or Repair Station #

Year: _____

Total Time

Compiled by the following:

Date: _____

Next Inspection

Due:

Factory
Bulletin #

Mech. Cert. # or Repair Station #

N 305EL

Make: Hartzell

Model: HC-D4N-3A

Serial #: FY2976

Left Propeller Log Entry
Signature Technician

5500 44th St Grand Rapids, MI 49512

Prop TT: 8010.7 Prop SMOH: 1063.7

Date: 9/19/22

DRY BULLETINS ☐

* Complied with King Air B200 Phase 3 Inspection IAW Beechcraft King Air B200 AMM 05-20-03 Phase 3 Inspection Checklist.

Certify that the aircraft, aircraft engine, propeller, or appliance identified above was repaired and or inspected in accordance with current FAA regulations and was found airworthy with respect to the work performed and is approved for return to service.

Signed: Gary Bernhardt

for CRS 9PER215C

Page 1 of 1

Date: 9/19/22

WO# 566-22-66203

Notes



Alamo Aviation Services LLC

Left Propeller Log Entry

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September 23, 2023

PROPELLER MODEL: HC-D4N-3A
PROPELLER TOTAL HOURS: 8023.8
PROPELLER S/N: FY2976

AIRCRAFT SERIAL NUMBER	AIRCRAFT REGISTRATION NUMBER	AIRCRAFT TYPE	AIRCRAFT TOTAL HOURS	AIRCRAFT TOTAL LANDINGS
BB-947	N305EL	BE200	8019.3	7014

TASK/ITEM	DESCRIPTION
01	LEFT PROPELLER BLADES HAVE NICKS Blended Nicks on Left Propeller Blades IAW Hartzell Propeller Owner's Manual and Logbook No. 149 Chapter 61-00-49.

Notes

Page 2

"I certify that the above maintenance/inspection was performed IAW current FAA regulations. All inspections were performed IAW Title 14 CFR 91.409 (f) (3). Only those items specified above have been inspected and found to be Airworthy and Returned to Service. " No other representations concerning Airworthiness are expressed or implied.

Work Performed by:

Aldo Delgado

Aldo Delgado
Certificate No: A&P #3582560