HARTZELL HC-D4N-3A
SERIAL NUMBER FY2980
RIGHT PROPELLER
N305EL
S/N BB-947



AIRCRAFT TECHNICAL RECORD

Section 4. PROPELLER LOG



PROPELLER LOG

1.	Mak	re	<u>Hartzell</u>
2.	Mod	lel	HC-D4N-3A
3.	Spec	cification Number	
4.	Date	of Manufacture	
5.	Hub	Serial Number	FY 2980
6.	Blac	les	
	(a)	Design No.	D9383K
	(b)	Blade Serial Numbers:	
		(1)	F84937
		(2)	F78897
		(3)	F85073
		(4)	F 85075
		(5)	
	(c)	Pitch Settings	
		(1) Basic	
		(2) High	
		(3) Low	
		(4) Reverse	

D 1 3. Form Tracking Number ² AUTHORIZED RELEASE CERTIFICATE Approving Civil Aviation BRC Authority / Country 21727 FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG FAA/UNITED STATES TEXAS AIRCRAFT PROPELLER & ACCESS: 7RDR559C Work Order/Contract/ 4. Organization Name and Address 1711 CR 130 - Pearland, Texas 77581 21727 Serial Number Status / Work Quantity Part Number Description FY2980 REPAIRED 1 HC-D4N-3A 1 Propeller Disassembled and resealed propeller in accordance with Hartzell Manual(s): 143A; 133C; 202A; 180 12. Remarks Blade Model #: D9383K Blade Serial #s: (1) F84937; (2) F78897; (3) F85073; (4) F85075 Complied with the following: Service Letter(s): 165; 187R5; 293R1; 354; 364; 366 Service Instruction: 180 X 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, Approved design data and are in a condition for safe operation. Non-approved design data specified in Block 12. the items are approved for return to service. 14c. Approval/ Certificate No. 14b. Authorized Signature: 13c. Approval/ Authorization No. 13b. Authorized Signature 7RDR559C 14e. Date (dd/mmm/yyyy): 13e. Date (m/d/y): 13d Name (Typed or Printed) 25/JUL/2024 Jason Falzon 00/00/00 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. THIS NSN- 0052-00-012-9005 PREVIO FAA Form 8130-3 (02-14)

SINC

Section 4A: Propeller Service and Maintenance Record



Alamo Aviation Services LLC

Right Propeller Log Entry

August 5, 2024

PROPELLER MODEL: HC-D4N-3A **PROPELLER TOTAL HOURS: 8111.8** PROPELLER S/N: FY2980

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

TASK/ITEM	DESCRIPTION
	RIGHT PROPELLER BLADES HAVE NICKS
01	Blended Nicks on Right 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 FY2980 and Sent out for Repair. Propeller Repaired by Texa: Aircraft Propeller and Accessories CRS #7RDR559C Under Work Order 21727 Dated 25 July 2024. Reinstalled Original Propeller P/N HC-D4N-3A S/N FY2980 with New Packing after Repair IAW King Al 8200 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.

Page | 2

Aldo Delgado

Certificate No: A&P #3582560

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Propeller Record General Information	TAREN A	dan si merakan bahan si ang mer	an war in the
Propeller Manufacturer Hartzell		to the same of the control of the co	rs.
Model HC-DYN-3A	Туре	* W 11 100	Fyg - e
Hub Series #	Blade #		
Date of Manufacture	4 (62 51)		
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	Contract States and and Historia Management (Sec., 40)	16 - 20 mm	1
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Make/Model	The second case weathers Serial	# > 및 제품실실소 :	
Aircraft Installed On: Beech BOOC)	5-947	
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☐ HUB & BL	ADE INSPEC	TONS, REPORT AND ALTERATIONS	
Year:	Total Time in Service	Make: Hartzell Model # HC-D4N-3A/D9383K S/N FY2980. The propeller identified above was repaired & inspected I/A/W currentlements of the Parameters of the Pa	
Date:		maintenance rules of the Federal Aviation Administration	3 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1
Next Inspection Due:	Time Since Overhaul	regulations & is approved for return to service. Pertinent details the repair are on file at this station under work order # 040607,	or
	A Foreign - A	date 04/04/07 Signed: Charle K) Wheeler. Date of 04/17/07	the second second
Year:	Total Time in Service	For Atlanta Propeller Service, Inc. FAA Repair Station # DR4R138M. 4787 Clark Howell Hwy, College Park, GA 30349	in a pathon - Atom
Date:			your (Francis
Next Inspection Due:	Time Since Overhaul		
- Service and service	West Control of the C	Mech. Cert. # or Repair Station #	ATT A COMPANY
Year:	Total Time in Service	Description	en al market on
Date:	F 15 PRINCES		
Next Inspection Due:	Time Since Overhaul		
I		Mech. Cert. # or Repair Station #	



N500WF

BB-947

ACTT 6,009.4 HM 4,461.9

4/25/2007 RIGHT PROPELLER

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S/N FY2980

PTSN 6,009.4

FLIGHT CYCLES 5,194 PTSO 0.0

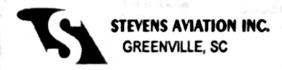
- 1 Performed a Phase 1,2,3,4 /200 Hour Inspection using the Raytheon/Beech King Air B200 Maintenance Manual 200 Hour Phase Inspection Guide. Dressed blades and painted faces and tips.
- 1 Lubed with Aeroshell #6 grease.
- 1 Inspected propeller in accordance with Raisbeck Maintenance Manual.

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

For STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS



N500WF

SN BB-947

ACTT 6009.4 HM 4461.9

4/25/2007

FLIGHT CYCLES 5194

RIGHT PROPELLER

S/N FY-2980

TTSN 6009.4

TSO 350.8

201 Shimmed spinner with 2 additional shims P/N B-632. Operation checked satisfactory.

212 Removed propeller S/N FY-277A and installed with a new hub S/N FY-2980, overhauled by Atlanta Propeller Service, College Park GA. CRS# DR4R138M, under W.O.# 040707, dated 4-17-2007. Balanced Propeller to below 0.05 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 Wird

For STEVENS AVIATION, GREER, SC 29651, CRS VIB8368K

Mech. Cert. # or Repair Station # ..

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. GROUND RUN ACCOMPLISHED FOLLOWING WITH ALL RESULTS NORMAL AND NO LEAKS NOTED. Date: Next Inspectic Due:			MODEL HC-D4N-3A S/N FY-2980 REG N500WF	AIRSPEED AIRCRAFT MAINTENANCE 927 FLIGHTLINE DR DOTHAN, AL. 36303	HOBBS 458 TTP 613	1/08 ————————————————————————————————————
THIS PROPELLER HAS BEEN INSPECTED IN CONJUNCTION WITH AN AIRCRAFT COMPLETE INSPECTION, PHASE 1-4. GROUND RUN ACCOMPLISHED FOLLOWING WITH ALL RESULTS NORMAL AND NO LEAKS NOTED. Next Inspectic Due:		Date:	THIS AIRCRAFT AN INSPECTED IN ACC AIRWORTHY FOR F	ND/OR COMPONENT IDENTIFIED ABOVE HAS BEEN REPAIRED CORDANCE WITH CURRENT FEDERAL REGULATIONS AND WARETURN TO SERVICE. PERTINENT DETAILS ARE ON FILE AT T	AS FOUND	
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Year Date Next Inspection	1 Jane	TION DEVO MAINT AIND INSPECTION GUIDE	13177	ROYZA	To Tank

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	D4N-3A 2980	ALLIA	NCE FLIGHT S		DATE HOBBS	4/5/12 4734.0	÷ 3

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D ***			Robert Schweer	TA
			Carte Land State of the Carte	
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Date:	72,	•		. 20
Next Inspection Due:	Time Since Overhaul			
		10°		

Date:	Manuals: 14	43, 133, 159, 202. All o	date. NOTICE: An A	Airworthiness Directive ma on. The installer is responsi	y	
	apply to the	e installation of the prop ig complete compliance	with any applicable i	on. The installer is responsitionstallation Airworthiness		No. 19 Act
	Directive.	nce Release (Complete (Overhaul)	os overhauled and inspected	2	E.
Year:	in Sel The aircra	aft propeller, or appliance	e identified above in	as overhauled and inspected in Agency and is approved for tile at this repair station und	or	
Date:	return to s	service. Pertinent details	of the repair are on f	file at this repair station und	ici —	
Next Inspection Due:	Time Work Ord	der Number 4-89/3	a un ppop	SPECIALISTS INC.	-	
	Certifica	ne Number 1X4R274M,	3671 Industrial Park	Drive, Marianna, FL 3244	y. 184 1	dr.
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Date:					-	
Next Inspectio	Time Overh			and the second second second second		
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		HC-D4N-	-3A	ALLIANCE FI	JGHT SUPP	ORT	DATE	5/1/15
S/I RE		FY2980 N500WF			HTLINE DR I. Al. 36303		HOBBS TTP TSMOH	4767.4 6314.9 0.0
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MIC	DEL F	IC-D4N-3A	ALLIANCE FLIGHT SUPPORT	DATE	04/18/17	4

ear:	Total Hours	Complied by the following:		158
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~ ~ 7	NASH	VILLE, TN	S/N BB-947	HM 4782.1
May 18, 2	_	Right Prop S/N FY-2980	TSN 6329.6	TSO 14.7
	er number 841	he aircraft is approved for return to servi		
work orde		<u>"</u> / //		
Signed	/m//-/	/h/		
Signed	TEVENS AV	TATION Nashville, TN 37217 CRS VI	B3368K	
Signed	//// TEVENS AV	/h/	B3368K	
Signed	TEVENS AV	/h/	B3368K	

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	Year:	in Service		1.5	
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Description

2/17/2019 11:19:00 AM N305EL
Serial: 2
FY Z980
Meter: 35.5 TTIS: 0=0

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

This propeller is approved for return to service.

Total Time

386-341-6172 1600 Ormond Rd.

Gus Warren skywayaero@gmail.com

AP320234 14

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

Mech. Cert. # or Repair Station # _____

nr: Total Hours	Complied by the following:		244	
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		8/26/2019 11:22:00	AM N305EL	
CD		Serial: # 2580		
satcor	n direct.			
		Meter: 236.1 TTIS:	1873.6	
7				
	1 of 1			
: Inspected Propello	er IAW Raisbeck MM Phase 1 inspection	n. Dressed and painted b	olades.	
is Propeller is approv	ved for return to service.			
386-341-6172 1600 Orn	nond Rd.			
s Warren skywayaero@gm	nail. com	1932022	2d 11	,

Next inspection

Mech. Cert. # or Repair Station # ___

Due:

L. Approving Civil Aviation Authority / Country: FAA / United States AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG						3. Form Tracking Number: S049546	IRECTIVES
4. Organizat	tion Name and Address:		Propeller Shop, Incorporated Old White Lake Road, White Lake,	Michigan 48386-1154	,	5. Wark Order / Contract / ** Invoice Number: / 4 W49546	F
6. Item:	7. Description:		8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	1 73 A. A.
One	Propelle	r .	HC-D4N-3A	One	FY2980	Overhaul	10
NOTE: Hull Hub serial	b serviced with Nyco	GN3058 grease es serial numb	ers F84937, F78897, F85073, F850	075			15.8
	Approved design data an Non-approved design data	d are in a condit	ion for safe operation	Certifies that un and described is	eless otherwise specified in Bloc Block 12 was accomplished in ions, part 43 and in respect to t		
13h. Author	rized Signature:	><	13c. Approval/Authorization No.:	14b. Authorized Signat	Tre Bann J	MQ5R050N	
13d. Name	Typed or Printed):		13c. Date (dd/mmm/5553):	14d. Name (Typed or Rich	Printed): ard M Bann Jr	14e. Date dd/mmm/yyyy): 19/Feb/2021	352 - 200

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Year: Date: Next Inspection	Total Time		35 12 04 6 1 5 1 5 4 1 5		

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	N 305EL		Right Propeller Log Entry	Date:	9/19/22	5 / 1	
	Make: Hartzell Model: HC-D4N-3A Serial #: FY2980		Signature TechnicAir 5500 44th 5t Grand Rapids, MI 49512	AFTT: Prop TT: 8010.7 Prop SMOH:			- 1
		0 Phase 3 inspection b	AW Beechcraft King Air B200 AMM 05-20-03 Ph			8 +	1-1
. 10			ellar, cr appliance identified above was rep				
		ned: Gary Berrima	ofworth with respect to the work performed to	and is approved for return to services CRS 9PER215C	ice.	•	
Page	1 of 1		Date: 9/19/22	WO# \$66-	22-66203		
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	Factory



Alamo Aviation Services LLC

Right Propeller Log Entry

September 23, 2023

PROPELLER MODEL: HC-D4N-3A
PROPELLER TOTAL HOURS: 8023.8
PROPELLER S/N: FY2980

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

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

			FACTORY BULLETINS
Year:	Total Time	Complied by the following:	
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regulations. All	inspections were pe	ce/inspection was performed IAW current FAA rformed IAW Title 14 CFR 91.409 (f) (3). Only those items	
specified above	e nave been inspecte	d and found to be Airworthy and Returned to Service." No rworthiness are expressed or implied.	
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Aldo Delgado Certificate No: Al	&P #3582560		
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