

WEST TEXAS AERO 7000 ANDRES HWY ODESSA TX 79765

MARCH 06, 2013 N610TC RAYTHEON G36 S/N: E-3660 HOBBS: 571.1

HARTZELL PHC-C3YF-1R/F8468A (B,K) -6R CONSTANT SPEED PROP TT: 571.1

PROPELLER

I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IAW A ANNUAL INSPECTION AND FOUND TO BE AIRWORTHY. ALL AD'S C/W AND WORK DONE IAW APPROVED DATA ON FILE WITH WEST TEXAS AERO. THIS PROPELLER IS APPROVED FOR RETURN TO SERVICE FOR THE WORK PERFORMED.

DGLADSTONE AP467877872IA *D*

WEST TEXAS AERO 7000 ANDREWS HWY ODESSA TX 79765

MAY 05, 2014 N610TC RAYTHEON G36 S/N: E-3660 HOBBS: 588.9

HARTZELL PHC-C3YF-1R/F8468A (B,K) -6R CONSTANT SPEED PROP TT: 588.9

PROPELLER

I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. AD RESEARCH COMPLETED THROUGH BIWEEKLY 2014-08. THIS PROPELLER WAS REPAIRED AND INSPECTED IAW CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE.

DAN WEBRE JR AP301544IA *DW*

TORNADO ALLEY TURBO INC.

300 AIRPORT RD

ADA, OK 74820

PROPELLER LOG BOOK ENTRY

27 JUNE 2006

N610TC BONANZA G36 SN: E-3660 ACFT TT: 115.3 ACFT HOBBS: 115.3

HARTZELL PHC-C3YF-1RF SN: EE5550B ENG TSN: 0.0

INSTALLED THIS PROPELLER ON THIS AIRFRAME ON THIS DATE AND THESE TOTAL HOURS. NO FAULT KNOW
OR FOUND AT THIS TIME. INSTALLATION APPROVED UNDER TURBO NORMALIZED STC SA5223NM.


DAVID R. LANDRETH A&P 2651512 IA

HARTZELL PROPELLER INC

Item Number: C3F00005

Date: 5/26/2006

INSPECTION

Work Order #: M342230

Model Number PHC-C3YF-1RF/F8068					
Ass'y Ser No. EE5550B		Hydr Unit No. NA		Bulkhead No. NA	
Valve No. NA					
Blade 1: K40230		Blade 2: K40225		Blade 3: K40228	
Blade 4:		Blade 5:		Blade 6:	
Clamp 1:		Clamp 2:		Clamp 3:	
Clamp 4:		Clamp 5:			
Reverse	Start Lock	Low Pitch 12.0	High Pitch	Feather	
Ref Radius (inches) for angles: 30					
Comments: Deice Kit: NA IDS # 1787 3-1-05					
Packing Certified By:				Date:	
Inspected By: JM					

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).

HARTZELL PROPELLER INC

Item Number: C3F00005

Date: 5/26/2006

INSPECTION

Work Order #: M342230

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Comments: Deice Kit: NA IDS # 1787 3-1-05					
Packing Certified By:				Date:	
Inspected By: JM					

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).

	Baker Aviation		IFR Cert	June 2018
	333 South Street, New Smyrna, FL 386-837-4073		ELT Battery Date	Nov 2018
	Date:	05/27/16	Engine Type	IO-550-B
	Registration:	N610TC	Serial Number	687094
	Make/ Model:	G-36	TTS MOH:	717.8
	Serial Number:	E-3660	TTS:	717.8
	Tach / Hobbs:	717.8	Propeller Type	PHC-C3YF-1RF
TTAF:		717.8	Serial Number	EE5292B
			TTS MOH:	717.8
			TTS:	717.8

- Performed Annual Inspection in accordance with FAR 43 appendix D and the Bonanza 33, 35, & 36 Annual Long Form Inspection Guide, reissued March, 1985.
- Inspected condition of spinner, and backing plate.
- All AD's researched through this date.
- I certify this **PROPELLER** has been inspected in accordance with an Annual inspection and is found to be in an airworthy condition.


James Curtis Boulware A&P 3232817 IA

END

PROP MODEL:
PHC-C3YF-1RF
PROP S/N: EE5550B
REG NO: N610TC
WORK ORDER 52734

Capital Aviation Instruments & Avionics

Repair Station No OY1R391K
10660 Aviation Lane
Manassas VA 20110
Phone 703-369-0500

DATE 11/11/2016
A/C TSN 758 2
PROP TT 758 2
TSPOH
HOBBS 758 2

Prop Entries

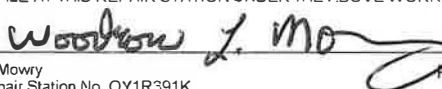
- Performed 100 hr propeller inspection IAW Beechcraft Bonanza AMM inspection checklist. Researched AD's thru biweekly issue 2016-22. Ground runs, leak & ops checks were good.
- Installed new de-ice boot rubber strip P/N 2E1291 at base of prop blade S/N K40228 IAW Installation and Maintenance Manual for Prop De-Icing Systems ATA 30-60-02; fig 13 on page 10.
- Sealed prop de-ice boots in accordance with Goodrich Installation and Maintenance Manual for Prop De-Icing Systems ATA 30-60-02.

I certify this aircraft / ~~engine~~ / propeller has been inspected in accordance with an annual inspection and determined to be in airworthy condition.

THE AIRCRAFT AIRFRAME, AIRCRAFT ENGINE, PROPELLER, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT 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 THE ABOVE WORK ORDER.

DATE: 11/11/2016

SIGNED:



Work Order: 52734

Woodrow L Mowry
Certified Repair Station No. OY1R391K

Printed by EBis 3 (datcomedia.com)

12/21/2017 N610TC

Beech G36

Propeller Logbook

Hobbs Hours: 834.3

Completed 100 Hour inspection in accordance with manufacturers inspection procedures manual. Dressed blades and inspected hub.

I certify that this Propeller has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.

Signed



James Wrenn A&P 2724810IA



1/21/2019

N610TC

Hartzell PHC-C3YF-1RF

Propeller Logbook

Hobbs 894

Completed 100 Hour inspection in accordance with manufacturers inspection procedures manual. Dressed blades and inspected hub.

I certify that this Propeller has been inspected in accordance with a 100 hour inspection and was determined to be in an airworthy condition.

Signed

James Wrenn A&P 2724810IA



N610TC Beechcraft G36 SN E3660 Engine Log-03/01/2020

Continental IO-550-B39B SN 687094 Hartzell PHC-C3YF-1RF S/N EE5292B

Propeller time since new: 938.7 Hobbs Reads: 938.7

Inspected and serviced propeller ref. Hartzell Propeller Owner's Manual No. 115N Rev. 22 July 2016

Airworthiness Directives researched through ATP rev. 02/25/2020

I certify that this Propeller has been inspected in accordance with Annual inspection and was determined to be in airworthy condition. Patrick Morse Patrick Morse A&P 3426819 IA

Inside & Out Aircraft Services, Inc.

256 Aviation Rd., NE

Pikeville, NC 27863

(919) 947-5207

March 19, 2021

N610TC

Flight Timer and ACTT: 1043.2

2005 Raytheon G36

ACSN: E-3660

Prop Model: Hartzell PHC-C3YF-1RF

Prop SN: EE5292B

PropTT: 1043.2

Prop Log Entry

Annual Inspection:

Inspected prop hubb and blades, no defects noted.

Blades were dressed and faces painted face black.

Prop tracking checked satisfactory

I certify this prop has been inspected in accordance with an annual/100 hr inspection and is approved for return to service.

Jeffrey L. Kaine

AP 2730963 IA

Inside & Out Aircraft Services, Inc.

256 Aviation Rd., NE, Pikeville, NC 27863 Ph. (919) 947-5207

N610TC

09/03/2021

Raytheon/Beech G36

PROPELLER

Hartzell

PHC-C3YF-1RF

S/N: EE5292B

Tach: 1090.9

PTT: 1090.9

David T. Blanton
David T. Blanton

Removed propeller and spinner assembly and removed crankshaft seal. Cleaned old adhesive from crankcase and installed new Superior crankshaft seal assembly (P/N: SA641250) in accordance with Continental Engine Service Bulletin M76-4. Installed new Hartzell Propeller o-ring (P/N: C-3317-228.) Reinstalled propeller and spinner assembly, torqueing attach nuts per Hartzell specification.-----END-----

A&P3669032, IA
Certificate #

09/03/2021
Date

MAINTENANCE/INSPECTION ENTRIES

Aircraft Model _____ Serial Number _____

Reg # _____ Owner's Name _____

Gemco Aviation Services Inc.

10800 Sharrott Rd
North Lima, OH 44452
330-549-0337

Reg#: N610TC Make: Hartzell Model: PHC-C3YF-1RF Hub S/N: EE5550B Blade S/N: K40230
Date: 05/10/2022 Meter: 1184.1 PTT: 1068.8 K40225, K40228

Removed Hartzell propeller model: PHC-C3YF-1RF / F8068, S/N EE5550B from N610TC and sent out for overhaul.

CTA
Christopher T Kotch A&P 173580771

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 25889	
4. Organization Name and Address: Tiffin Air, Inc. 1778 West U.S. 224 Tiffin, Ohio 44883 (DTXR341D)				5. Work Order/Contract/Invoice Number: W.O.#25889		
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1	HARTZELL PROPELLER	PHC-C3YF-1RF	1	EE5550B	OVERHAULED	
<p>12. Remarks:</p> <p>COMPLETELY OVERHAULED PROPELLER AND INSTALLED NEW DE-ICE BOOTS IN ACCORDANCE WITH HARTZELL SERVICE MANUALS LISTED ON THE BACK SIDE OF THIS FORM. COMPLIED WITH SERVICE BULLETINS: 1361, 315R2, 374R1 / SERVICE LETTERS: 177, 217, 244, 267, 278, 348, 354, 366, 61YR14. BLADE MODEL NUMBER: F8068K / BLADE SERIAL NUMBERS: K40225, K40228, K40230. AIRCRAFT HOBBS METER : 1184.1 PROPELLER TOTAL TIME SINCE NEW: 1068.8 PROPELLER TOTAL TIME SINCE OVERHAUL: 0.0 PROPELLER TIME BETWEEN OVERHAULS: 72 CALENDAR MONTHS OR 2400 HOURS WHICHEVER OCCURS FIRST.</p>						
<p>13a. Certifies the items identified above were manufactured in conformity to:</p> <p><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.</p>			<p>14a. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 12</p> <p>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.</p>			
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature:		
				<i>Michael R Kieffer</i>		
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate No.:		
				DTXR341D		
				14d. Name (Typed or Printed):		
				Michael R Kieffer		
				14e. Date (dd/mm/yyyy):		
				01/JUN/2022		
<p>User/Installer Responsibilities</p> <p>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.</p>						

MAINTENANCE/INSPECTION ENTRIES

Gemco Aviation Services Inc.

10800 Sharrott Rd
North Lima, OH 44452
330-549-0337

Reg#: N610TC Make: Hartzell Model: PHC-C3YF-1RF Hub S/N: EE-550B Blade S/N: K40230
Date: 06/17/2022 Meter: 1184.1 PTT: 1068.8 PTSO: 0.0 K40225, K40228

Reinstalled same overhauled propeller see Tiffin Air 8130-3 tracking# W/O# 25899, dated 6/01/2022 using new "O" ring P/N C-3317-228, 6 each nuts P/N A-2044 and torqued per Hartzell Owner's Manual 115N table 3-2. Performed a deice operational check with no defects noted. Test run and leak checked with no defects noted.

Performed an annual inspection using the Beechcraft G36 inspection form as a guide. Lubricated propeller per the lubrication chart. ADs checked through ATP biweekly 2022-9.

Christopher T Kotch A&P 173580771

I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition.


Robert L. Grant A&P3719335IA



Alpha One Flight Services

246 South Meadow Rd
Plymouth, MA 02360

Date: 8/01/2023; Aircraft: N610TC; Prop - Type: PHC-C3YF-1RF, S/N: EE5550B, Time: 1222.70, Last Prop MOH: 1068.80-6/01/2022, SMOH: 153.90

Inspected prop as per annual inspection IAW FAR43.13 appendix D per Hartzell and Beech service manuals. ADs checked through 2023-17. Removed propeller and cleaned oil. Replaced prop O ring P/N C-3317-228. Reinstalled propeller with 6 new nuts P/N MS21045-8. Torqued prop per MM. Aircraft was test run, no leaks noted, ops. check good. All work performed IAW current Federal Aviation Regulations and was found to be in an airworthy condition and returned to service.


Stephanie Mickiewicz
A&P 4332728 I.A.



Alpha One Flight Services

246 South Meadow Rd
Plymouth, MA 02360

Date: 10/07/2024; Aircraft: N610TC; Prop - Type: PHC-C3YF-1RF, S/N: EE5550B, Time: 1273.80, Last Prop MOH: 1068.80-6/01/2022, SMOH: 205.00

Inspected prop as per annual inspection IAW FAR43.13 appendix D per Hartzell and Beech service manuals. ADs checked through 2024-21. Aircraft was test run, no leaks noted, ops. check good. All work performed IAW current Federal Aviation Regulations and was found to be in an airworthy condition and returned to service.


Travis Flydburg
A&P 4139360 I.A.