

MID FLORIDA AIRCRAFT PROPELLER, INC.

④

PROPELLER LOGBOOK

PROPELLER MODEL HC-C2YK-1BLF/FL7666A-2

PROPELLER S/N CH 18454

LOGBOOK#

1. Approving Civil Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 6522A	
4. Organization Name and Address: MID-FLORIDA AIRCRAFT PROPELLER INC 4120 ROUSH AVE. ORLANDO FL 32803 G2BR293X					
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
001	HARTZELL PROPELLER	HC-CZYK-1BLF / FL7666A-2	1	CH18454E	OVERHAUL
12. Remarks: MAJOR OVERHAUL PROPELLER UAW HARTZELL MANUALS 113B, 133C & 202A COMPILED WITH AD 2009-22-03, SB118FR1, SB136R1, SB227. NEXT INSPECTION DUE IN 100 HOURS BLADE S/N # 1- D18373 # 2- E11299					
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:	
				<i>Geoffrey W Gubbins</i>	
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14c. Approval/Certificate No.:	
				G2BR293X	
		14d. Name (Typed or Printed): GEOFFREY W GUBBINS		14e. Date (dd/mm/yyyy): DECEMBER 29, 2015	
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.					

pertaining to Airworthiness Directives, Major or Minor Repair, and Inspections.

overhaul propeller HC-CZYK-1BLF
1A/W Hartzell manuals 113B,
1st AD 2009-22-03, SB118FR1,
section due in 100 Hours
per 29.2015, 405614A

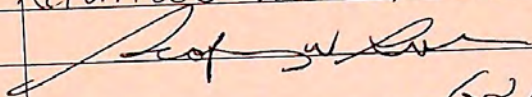
MID-FLORIDA AIRCRAFT PROPELLER, INC.
F.A.A. Approved Repair Station G2BR293X
4120 Roush Avenue
Orlando, Florida 32803

1. Approving Civil Aviation Authority/Country: FAA/UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: APW7664	
4. Organization Name and Address: Aircraft Propeller Works, Inc. 506 Charlotte Road, Auburndale, FL 33823					
6. Item:	7. Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:
1	Aircraft Propeller	HC-CZYK-1BLF	1	CH18454	Repair
12. Remarks: This Hartzell propeller installed on aircraft tail number N2994P in accordance with Hartzell manual 115N and FAR 43.9. Approved for return to service. Tach Time: 2949.1					
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 specified 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:	
				<i>Stanley E Collins</i>	
13d. Name (Typed or Printed):		13e. Date (mm/yyyy):		14c. Approval/Certificate No.:	
				T42R741Y	
		14d. Name (Typed or Printed): Stanley E Collins		14e. Date (mm/yyyy): 3/23/2016	
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.					

...ining to Airworthiness Directives,
...ervice Documents, Overhaul, Major or Minor Repair, and Inspections.

12/29/15 1291.3

On December 29, 2015, Major overhaul propeller H0C24K-1B
FL 7666A-2 sn: CH 18954. I/A/W Mustang manuals 113B
133C and 1202A. Complied with AD 2009-22-03, SB 118 FRI,
SB 136 RI, SB 227. Next inspection due in 100 Hours
Return to service on December 29, 2015, W05614A.



MID-FLORIDA AIRCRAFT PROPELLER, INC.
F.A.A. Approved Repair Station G2BR293X
4120 Roush Avenue
Orlando, Florida 32803

G2BR293X

NDT c/w

Date	Propeller TSN TSO		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
10-2-17	141.5	3090.2		Lubbed prop. I certify that this propeller Has been inspected I/A/W AN ANNUAL INSPECTION AND determined to be in Airworthy Condition Charles E. Hines API990621A
10-30-18	181.3	3130.6 3240.0		 AVIATION PROPELLERS, INC. PROPELLER LOG BOOK ENTRY STICKER October 30, 2018 propeller hub assembly serial number CH1845E was Repaired (Eddy Current Inspected) IAW Hartzell Propeller manual 202A-V2 Rev 29. AD Note 2009-22-03 C.W. Service Bulletin HC-SB-61-269 Rev 6 C.W. Hub top was eddy current inspected only. No defects noted. Inspection accomplished on wing of Lake LA-4-200, tail number N2994P at 3276.0 Aircraft Hobbs Time. A copy of the work order issued. Original FAA Form 8130-3 and propeller log book entry sticker issued. Propeller model number and times are: Propeller model number HC-C2YK-1BLF/FL7666A-2 TTSN: Not Provided TSO: Not Provided TSI: 0.0 Work accomplished by Aviation Propellers, Inc., 12970 Port Said Road, Opa Locka, Florida, 33054, Repair Station ME4R359M, under API work order number 44999A. <i>[Signature]</i> Jorge B. Gaubeca General Manager

11-16-18	198.1	3136.8		Lubbed prop. I certify that this propeller HAS been inspected I/A/W AN ANNUAL INSPECTION AND determined to be in Airworthy Condition Charles E. Hines API9910621A
2010 4-13-20	219.5 228.1	3166.7		Lubbed prop I certify that this propeller HAS been inspected I/A/W AN ANNUAL INSPECTION AND determined to be in Air- worthy Condition Charles E. Hines API9910621A
				PROP AD 2009-22-03 Due in 10.7 hrs.

Description of all operations pertaining to Airworthiness Directives,
Service Documents, Overhaul, Major or Minor Repair, and Inspections.

Make: Lake **Model:** LA-4-200 **S/N:** 956 **Registration:** N2994P **Hobbs Time:** 168.2

1. Performed NDT only, Eddy Current Inspection of the Hartzell Propeller Hub installed on wing in accordance with Hartzell Service Bulletin HC-SB-61-269. No indications found

The above items and / or components were inspected in accordance with current Federal Aviation Regulations and were found airworthy for return to service. Pertinent details of the repair are on file at this agency under work order 2020-0372.


Authorized Signature

Dated: 07 May 2020

S.E.A.L. Aviation, LLC
4090 SW 30th Ave.
Hollywood, Florida 33312

F.A.A. Approved Repair Station
No. 9JBR401B
954.492.3522

IA

N2994P
S/N 956, Lake LA4/200
Make/Model: Hartzell HC-C2YK-1BLF/FL7666A-2
Blade S/N: #1 - E11294, #2 - E17232

Tach: 2793.8 AFTT: 2793.8
16 Mar 2012
Hub S/N: CH24010E

Dress & lube prop. **AD2009-22-03 Hartzell Eddy Current Inspection**; p/c/w 4-13-2011 @ Tach 2759.4, 65.6 hrs. remaining; **next due tach 2893.8**

Amphibians Plus LLC 863-534-8025

Harry Shannon
Harry Shannon A&P 1713252

DATE: 3/16/2012 TACH/AFTT: 2793.8 PropTT: 2793.8 PropTTSMOH: 996.5
I certify that this **PROPELLER** has been inspected in accordance with an **ANNUAL** inspection and was determined to be in an **AIRWORTHY** condition.

Amphibians Plus LLC 863-534-8025

Harry Shannon
Harry Shannon A&P 1713252 IA

E: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins

MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overh.
2013	2850.00	1052.7
*		
AD 2009-22-03		
Hartzell Eddy Current		
Inspection Due		
Tach 2893.8 (43.8) hrs		
Prop Due 180		
Continued Overhaul		
Last O.H. 5/11/88		

AIRCRAFT REG#: N2994P
ACTT: 2850.00
MODEL#: LA4/200
SN: 956

Hobbs: Tach 2850.00
Date: Nov 5 2013

I certify that this aircraft has been inspected in accordance with **ANNUAL** inspection and was determined to be in an airworthy condition. All A.D.'s to date have been complied with thru issue **2013 - # 22**. See WO# **AK01** for details.

Signature *AK 1128080x*

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins

Date	Total Propeller Time	Time Since Overhaul	Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers
4/13/2011	12 TACH: 2757.4	952.2	Removed Propeller for Eddy current inspection as per AD 2009-22-03.	Ray [Signature] 3179347 AD DA

MAINTENANCE & SERVICE HISTORY

[illegible]

Description Of Work	Authorized Signatures Repairman and Station Certificate Numbers

FAA A.D. & Factory Service Bulletins

MAKE/MODEL Hartzell HC-C2YK-1BLF/FL7666A-2 HUB SERIAL NUMBER CH24010E

TACH 1920.5
11 Jan 2000

Dress & lube prop as required. Paint as needed. AD77-12-06 Blade shanks; next due 21,807 hrs. PTT.

Harry Shannon
Harry Shannon, A&P 1713252

DATE 11 Jan 2000 TACH/ACTT 1920.5 PropTSMOH 113.33
I certify that this PROPELLER has been inspected in accordance with an ANNUAL
inspection and was determined to be in an AIRWORTHY condition.

Harry Shannon, A&P 1713252 IA

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins

thorized Signatures
Chairman and Station
Certificate Numbers

Date	USAirports Flight Support Rochester, NY CRS # UG6R0850
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N2994P	LA4-200	S/N 956	Tach. 977.5	10-26-00
<u>Repaired gouge in one blade leading edge {1/8 inch deep, 3/16 inch wide and 14.25 inches out from end of hub} I/A/W Hartzell repair instructions. Dressed both blade leading edges.</u>				

Approved for return to service. Pertinent details are
on file at this repair station under work
order no. 1259 Date 10-26-00
USAIRPORTS FLIGHT SUPPORT LLC
FAA approved repair station UG6R0850
Signed Scott P. Miller

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins

Propeller Model HC-C24K-1BLF

Blade Model FL7666A-2

Hub Serial No. CH24010Z

Blade Serial No. 1 E11294

2 K17232

3

4



N 2994P

Left ☐ Right ☐



AMERICAN PROPELLER SERVICE

 AMERITECH INDUSTRIES, INC.

Redding Municipal Airport

Redding, California 96002, U.S.A.

PHONE NUMBER (916) 221-4470/221-4521

FAA REPAIR STATION 412-24

PROPELLER LOGBOOK

**DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS, SERVICE LETTERS,
& MINOR ADJUSTMENTS**

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
3-6-96	1524.0	DRESSED, PAINTED, SERVICED, & INSPECTED Approved for return to service. Inspected IAW an annual inspection and found to be in airworthy condition Paul G. Under ASP 2451836IA	
10-3-97	1747.9	Cleaned & inspected propeller, lubricate w/ w Hartzell service instructions Jeff M. Busch ASP 61481899	
		See #4, white prop. logbook.	

**DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS, SERVICE LETTERS,
& MINOR ADJUSTMENTS**

[illegible]

**DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS, SERVICE LETTERS,
& MINOR ADJUSTMENTS**

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
6-6-94		AMERICAN PROPELLER SERVICE REPAIR STATION No. N03R717L REDDING MUNICIPAL AIRPORT REDDING, CALIF. 96002 WORK ACCOMPLISHED <u>OVERHAUL</u> THE AIRCRAFT AND/OR COMPONENT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER # <u>22338</u> INVOICE # <u>36474</u> DATED <u>6-6-94</u> SIGNED <u>[Signature]</u> AUTHORIZED INDIVIDUAL	
6-8-94		Installed Propeller and Governor on this Aircraft ops check ok <u>[Signature]</u> <u>PR571159860</u>	

**DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS, SERVICE LETTERS,
& MINOR ADJUSTMENTS**

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
4-20-88	TACH 610.64	See PARCO w/o # 65356 INSTALLED Prop on LAKE LA-4-200 Ser# 956 N# 2894P Satisfied w/ OPS Check	<i>[Signature]</i>
OK			<i>[Signature]</i> 566541645
6-26-90	TACH Reads 907.2 Hrs.	Checked Blades, Lubed HUB, I CERTIFY THIS Prop HAS BEEN INSPECTED IN ACCORDANCE WITH A Annual INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION ON 6-26-90	
	TACH TIME 907.2 HRS. TOTAL TIME 907.2 HRS.		296.6 Hrs 504.
	SIGNED <i>[Signature]</i>	IA 1453830	

PROPELLER MAINTENANCE RECORD

Propeller Manufacturer: HARTZELL



Left Engine



Right Engine



Front Engine



Rear Engine

Hub Model No. HC-C2YK-1BLF

Hub Serial No. HC24010

Blade Model No. FL7666A-2

Blade Serial No. 1 E11294

No. 2 E17232

No. 3 _____

No. 4 _____

No. 5 _____

PITCH RANGE

Low 14 ± .1 High 27-31 Feather _____ Reverse _____

Pitch _____

Governor Manufacturer: _____

Governor Model No. _____

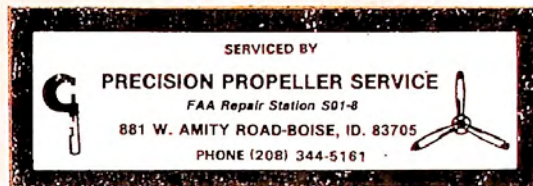
Governor Serial No. _____

**DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS, SERVICE LETTERS,
& MINOR ADJUSTMENTS**

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
		I CERTIFY THAT THIS <u>Propeller</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>15th</u> <u>Propeller</u> INSPECTION AND HAS BEEN DETERMINED TO BE IN <u>Good</u> CONDITION. HOURS <u>226.59</u> DATE <u>Nov 22, 1985</u> BY <u>Charles R. Vincent</u> <u>5420</u> <u>FA 1420558</u> See next Log American Propeller	

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PROFESSIONAL **Aircraft Propeller/Rotor Log**



Factory Service Bulletin Compliance Record

Date	Bulletin No.	Method of Compliance	Repair Station and Number
4-20-83	5/1# 109	Rubbing plates on fork	Precision Propeller Service, Inc. 881 W. Amity Rd. Boise, Idaho 83705
	116	Beavry fit in hub	
	131A	Cold roll instructions	
	144A	Additional hub overhaul requirements	
	5/1# 37	Tube cap on yokes	
	122	Can-112 decal	
	135	Use of -2 runner in blades	
	136B	Blade shank repair limits	
	143A	Knob and block radius inspection & rework	
4-20-83	5/1# 118B	Inspect & cold roll blade shanks.	

PROPELLER/ROTOR HISTORY

Propeller/Rotor
Installed On:

ENGINE TYPE Lycoming IO-360-41B MAKE AND MODEL AIRCRAFT Lake
ENGINE SERIAL NUMBER L 19977-514 AIRCRAFT REGISTRATION NO. N2994P
POSITION (If Multi-Engine Aircraft) - O/S/E DATE INSTALLED 4/25/83

Date	Total Time	Time Since Major Overhaul	Repair Station and Number	Work Performed
4-20-83	208.0	0		Overhauled and reconditioned in accordance with Hartzell 5/11/54 113-B and 133-A. (Made dye penetrant and magnifying inspections of all parts. Eddy current inspected blade shanks and balance holes. Resurfaced blade leading edges and tips and reconditioned blades. Checked blade width, thickness and angles. Set face alignment. Mold rolled blade shanks. A doped and painted blades. Cadmium plated steel parts. Assembled prop with new seals. Set angles, track and balance. Safety wired. Complied with 5/11# 109, 116, 131A, 144A. 5/11# 37, 122, 136B, 143A. 5/11# 118B. AD 77-12-06 (39-3097).
MAINTENANCE RELEASE				
The work and/or inspection of the part or parts identified hereon has been done in accordance with current Federal Aviation Administration regulations and was found to be airworthy. Pertinent details of the repair are on file at this repair station under order No. <u>0892</u> dated <u>4-20-83</u> Signed <u>Ernest J. Hartzell</u> Certificate No. <u>229698</u> For Precision Propeller Service, Inc. 881 W. Amity Rd. Boise, Idaho F.A.A. R.S. No. 801-8				

NOTE: Compliance with A.D. Notes and Factory Bulletins pertaining to propellers/rotors should be entered in the appropriate section of this log.

40%
T.M.
60 5 to 7 days
station support

Manufacturers recommended TBO as of 4-20-83
is 1500 Hours and /or 4 years.

PROPELLER/ROTOR LOGBOOK

Propeller Model HC-C2YK-18LF BLADE Type EL7666A-2 Hub Serial # CA24010
Manufacturer Hortyall Blade Serial # E11294
Date of Manufacture _____ E17232

Owner[s]

PITCH SETTINGS
Low 14.0 High 29.5
Reverse _____

NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____
NAME _____
ADDRESS _____
CITY _____ STATE _____ ZIP _____