

1. Approving National Aviation Authority/Country: **FAA/United States**

AUTHORIZED RELEASE CERTIFICATE
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking No.: **38109**

4. Organization: **New England Propeller Service, Inc.
FAA RSN RC2R130L
EASA 145.5972**

P.O. Box 244
East Haddam, CT 06423-2388
(860) 873-1494 • Fax: (860) 873-2388

5. Work Order/Contract/Invoice Number: **CR-38109**

6. Item: 1	7. Description: HAETZELL PROPELLER	8. Part Number: PHC-53YF-1RF F 76453DFB	9. Eligibility: N/A	10. Quantity: 1	11. Serial/Batch Number: FP 3954B	12. Status Work: OVERHAULED
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13. Remarks: **This propeller was inspected and repaired in accordance with manufacturer's manual: 113BR39133CR26, 202A (VIR49, V2228V3R32 Total Time: 764.0 hrs. Time Since Overhaul: 00.00 H8R2907833 VFR228V8R30, V10231, VIR432) Details of work performed are on file at New England Propeller Service, Inc. under Repair Station Work Order Number: CR-38109 The following work was performed:**

BLADES
K 26204
K 26205
K 26284

MAJOR OVERHAUL, BLADES REFINISHED, PARTS FLORESCENT PENETRANT INSPECTED, MAGNETIZED, & REPLACED WHERE REQUIRED, DEICER BOOTS INSTALLED, PROP TRACKED, BALANCED, GREASED, SET ANGLES & PAINTED, COMPLES WITH ADS & SBS LISTED ON 8130-9 FORM, BLADE KNOBS SHOT DEBUED,

NEW ENGLAND PROPELLER SERVICE, INC. CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART -145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART -145 APPROVAL NUMBER: "EASA 145.5972".
The following Service Bulletins have been complied with:
**118F, 136I, 142B
14C-SB-61-224E2
HC-SL-61-226**

MAJOR PARTS REPLACED


Nomenclature	Part #	Qty.	Reason

WAPP PROCEEDURE '001
following Airworthiness Directives have been complied with as follows: **None**

A.D.'s	Revision Date	Applicable A.D. S.B. & Subject	Date & Hours @ Compliance	Method of Compliance	one-recurr. time	Next Comp. hrs./date

Satisfies 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 13.

18. 14 CFR 43.9 Return to Service Other regulation specified in Block 13
 Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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.

Authorized Signature: 
 20. Authorized Signature
 21. Approval/Certificate No.: **RC2R130L**
 18. Date (m/d/y):
 22. Name (Typed or Printed): **ARTIE D'ONOFRIO, PRESIDENT**
 23. Date (m/d/y): **6-29-11**

Important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. 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 after airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.
 The aircraft may be flown.
 In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer.
 * Installer must cross check eligibility with applicable technical data.
 Form 8130-3 (6-01)



HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL PH4-33YE-10F

PROPELLER S/N FP3954B

LOGBOOK # _____

Date	Propeller TSN	TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
				<p>I have Dynamically Balanced Propeller IAW Hartzell Propeller Owner's Manual 115N Rev. 11 dated Dec/04 Section: 61-00-15 on <u>AUG 18 2005</u> (DATE) The location of the Weight(s) are <u>N/A</u> degree And are <u>N/A</u> gram(s).</p> <p>  (Sign/Stamp) Cirrus Design Corporation, PC 338CE</p>



CIRRUS

Leading Edge Aviation Services
 Vandenberg Airport
 Tampa, FL 33610
 (813)-626-1515
 22 September 2006

N313DG



Hartzell M/N PHC-J3YF-IRF
 Hobbs: 218.2
 Serviced Propeller and inspected with reference to Cirrus AMM Section 5-20... I certify this propeller has
 been inspected in accordance with a 100 hour inspection and is found to be in airworthy condition.
 Stephen Wiedler A&P# 145604431
Stephen Wiedler

TSN
 HOURS 398.7 DATE 9-20-07

AT THE TIME OF THIS INSPECTION, I CERTIFY THAT
 THIS Propeller HAS BEEN INSPECTED IN ACCORDANCE WITH A General INSPECTION AND WAS DETERMINED
 TO BE UNFIT FOR SERVICE CONDITION.

Maintenance Reference: The Aircraft's Airframe, Airframe Engine,
 Propeller or Appliance was Repaired and Inspected in Accordance
 with Current Regulations of the FAA Administration and is
 Approved for Return To Service.
 Signed: *Stephen Wiedler* Wdf 60-07-0439
 ENG W. Wengertson A&P 30269651A For Mincle Strip Aviation CRS#DZIR423D

Date
Propeller
TSN TSO
A/C
Hrs

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

MIRACLE STRIP
AVIATION
ATAIAT DESTIN

1001 Airport Road
Destin, Florida 32540
CRS DZJR423D

N# 31306 Hobbs: 495.8

except as stated below, no other work, inspection,
Corrective action or determination of
Airworthiness was made at this time.

Description of work performed:
HOURS DATE

AT THE TIME OF THIS INSPECTION, I CERTIFY THAT
THIS Propeller HAS BEEN INSPECTED IN ACCORDANCE
WITH A Annual INSPECTION AND WAS DETERMINED
TO BE IN AIRWORTHY CONDITION.

Maintenance Release: The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance was Repaired and Inspected
in Accordance With Current Regulations of the FAA Administration and is approved for return to service.

Signed:  CRS#DZJR423D

WO# 80-04-0370 Date: 8-22-09

MIRACLE STRIP
AVIATION
ATAIAT DESTIN

1001 Airport Road
Destin, Florida 32540
CRS DZJR423D

N# 31306 Hobbs: 589.4

except as stated below, no other work, inspection,
Corrective action or determination of
Airworthiness was made at this time.

Description of work performed:
HOURS DATE

AT THE TIME OF THIS INSPECTION, I CERTIFY THAT
THIS Propeller HAS BEEN INSPECTED IN ACCORDANCE
WITH A Annual INSPECTION AND WAS DETERMINED
TO BE IN AIRWORTHY CONDITION.

Maintenance Release: The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance was Repaired and Inspected
in Accordance With Current Regulations of the FAA Administration and is approved for return to service.

Signed:  CRS#DZJR423D

WO# 80-09-0399 Date: 8-5-09 Eric W. Mangelson
AAMP 30269651A



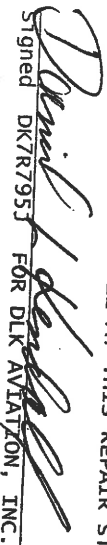
2601 Cessna Lane Kennesaw, GA 30144 770-427-4954
 LOG ID# 12566 09-June-2010 WO# 10231
 N313D G S/N 1592 CIRBUS SR22
 HOBBS 645.0

*** PROPELLER LOG BOOK ***

SEE AIRCRAFT LOG FOR AD'S COMPLIED WITH DURING THIS ANNUAL. DRESSED PROPELLERS. I CERTIFY THAT THIS AIRCRAFT AND/OR ENGINE HAS BEEN INSPECTED IN ACCORDANCE WITH A/AN ANNUAL INSPECTION AND DETERMINED TO BE IN AIRWORTHY CONDITION.

MAINTENANCE RELEASE.

THIS AIRCRAFT, AIRFRAME, AIRCRAFT ENGINE, OR APPLIANCE IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF THE FEDERAL AVIATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE FOR WORK PERFORMED UNDER WO#10231 AT REPAIR STATION DK7R795J. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS REPAIR STATION.


 Signed DK7R795J FOR DLK AVIATION, INC.

PROP MODEL:
 PHC-13YF-1RF
 PROP S/N: FP3854B
 REG. NO: N313D G
 WORK ORDER:
 068688-06-2011

US Flight Aircraft Maintenance
 138 Tower Rd
 White Plains, NY 10604
 Phone: 914-288-8088

DATE: 17 June, 2011
 A/C TSN: 764.7
 PROP TT: 764
 HOBBS: 764.7

Prop Entries

(10) CW CIRBUS SR-22 / 6 YEAR OVERHAUL AND REPLACEMENT SCHEDULE PER AMM 5-10 ON PROPELLER DUE FOR OVERHAUL PER MANDATORY HARTZELL SERVICE LETTER 061Y-R03. AMM 5-10 ON ENGINE..... Removed prop and governor for overhaul.
 Prop P/N PHC-13YF-1RF S/N FP3854B
 Governor P/N C20R113LR7 23 S/N 050673


The work performed has been approved for return to service.

DATE: 17 June, 2011

SIGNED:


 Michael Pugh, ACP #16583097

Work Order: 06868-06-2011
 Printed by EBIS 3 (datcomedia.com)

Date	Propeller TSN	TSO _A	A/C His	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
6/29/11	7641.0	06.00		PHC-53YF-1RF/1E 7693DFB SU F3954B
				MAJOR OVERHAUL. BLADES REFINISHED. PARTS FLORESCENT PENETRANT INSPECTED, MAGNIFIED, & REPLACED WHERE REQUIRED. BEGGER BOOTS INSTALLED. PROP TRACKED, BALANCED, GREASED, SET ANGLES & PAINTED. COMPLEES WITH ADJUSTMENTS ON B1303 FORM. BLADE KN06BS SHOT REWELD
				AUTHORIZED BY  1/6 th CR-38109
				FOR NEW ENGLAND PROPELLER SERVICE, INC. EAST HADDAM, CT FAA REPAIR STATION # RCP2R130L 1-800-878-6377

PROP MODEL:
PHC-53YF-1RF
PROP S/N: F3954B
REG. NO. N313DG
WORK ORDER
06667-06-2011

US Flight Aircraft Maintenance
136 Tower Rd
White Plains, NY 10604
Phone: 914-288-8088

DATE: 15 July 2011
A/C TSN: 764.7
PROP TI: 764
HOBBS: 764.7

Prop Entries

(3) CW CIRRUS AIRCRAFT 100HR/ANNUAL INSPECTION OF PROPELLER... Inspected PROPELLER using Cirrus Aircraft SR-22 100hr/ checklists/Hartzell m.m.

Lubricated propeller with Aeroshell-6 grease.

I certify this PROPELLER was inspected in accordance with 100HR/ANNUAL Inspection Hartzell Manual No. 145 61-00-45 Revision 6 and has been determined to be in airworthy condition.

I certify that this propeller has been approved for return to service.

DATE: 15 July 2011 SIGNED:  Work Order: 06667-06-2011
Bernard Paquette, IA: 445400376 Printed by EBIS 3 (datcommedia.com)

1. Approving National Aviation Authority/Country: 2.

AUTHORIZED RELEASE CERTIFICATE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number
38110

4. Organization Name and Address:
New England Propeller Service Inc.
FAA RSN RC2R130L
EASA 145.5972

P.O. Box 244
East Haddam, CT 06423-2388
(860) 873-1494 ~ Fax: (860) 873-2388

5. Work Order/Contract/Invoice Number
CR-38110

6. Item: 7. Description:

1	PROPELLER GOVERNOR	8. Part Number: C290D3-R/T23	9. Eligibility: * N/A	10. Quantity: 1	11. Serial/Batch Number: 050673	12. Status/Work: OVERHAULED
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13. Remarks:
THIS COMPONENT WAS INSPECTED AND REPAIRED IN ACCORDANCE WITH MANUFACTURER'S MANUAL(S): 780401R8 AND SPM100.4.
THE FOLLOWING WORK WAS PERFORMED:

THIS GOVERNOR WAS OVERHAULED. GOVERNOR DISASSEMBLED AND CLEANED. PARTS VISUALLY, DIMENSIONALLY AND MAGNETIC PARTICLE INSPECTED. PARTS REPLACED AS REQUIRED. PARTS MANUFACTURER'S SPECIFICATIONS. GOVERNOR ASSEMBLED, BENCH TESTED AND CALIBRATED TO SERVICE BULLETINS WERE COMPLIED WITH: NONE. END.

NEW ENGLAND PROPELLER SERVICE, INC. CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART -145 AS DEFINED IN ED DECISION 2004/04/CF AS AMENDED BY ED DECISION 2007/007/C AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART - 145 APPROVAL NUMBER: EASA 145.5972.

14. Certifying the items identified above were manufactured in conformity to:

- Approved design ~~work~~ and are in a condition for safe operation.
- Non-approved design data ~~specifications~~ in Block 13.

15. Authorized Signature: 16. Approval/Authorization No.:

- 19. 14 CFR 43.9 Return to Service
 - Other regulation specified in Block 13
17. Certifies that unless otherwise specified in Block 13, the work identified in Block 12 and described in Block 13 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.

20. Authorize Signature:
STEVEN J. RITCHIE

21. Certificate Number:
RC2R130L
23. Date (m/d/yy):
JUNE 29, 2011

User/Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. 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 their airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1. Statements in Block 1, Statements in Block 14 and 19 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.

FAA Form 8130-3 (6-01) *Installer must cross-check eligibility with applicable technical data.

Date	Propeller TSN TSO	A/C Hrs
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Description of all operations pertaining to Airworthiness Directives,
Service Documents, Overhaul, Major or Minor Repair, and Inspections.

ENGINE MODEL: IO-550-N
Z7
ENGINE S/N: 917822
REG. NO: N313DG

US Flight Aircraft Maintenance
136 Tower Rd
White Plains, NY 10604
Phone: 914.288.8088

DATE: 15 July, 2011
A/C TSN: 764.7
ENG TT: 764.7
TSMOH:
LOGS: 764.7

PROP MODEL:
PHC-J3YF-1RF
PROP S/N: FP3954B
REG. NO: N313DG
WORK ORDER:
06668-06-2011

US Flight Aircraft Maintenance
136 Tower Rd
White Plains, NY 10604
Phone: 914-288-8088

DATE: 15 July, 2011
A/C TSN: 764.7
PROP TT: 764
HOBS: 764.7

Prop Entries

(9) CW CIRRUS SR-22 5 YEAR OVERHAUL AND REPLACEMENT SCHEDULE PER AMM 5-10 ON PROP GOVERNOR MANDATORY COMPLIANCE LAW MCGALEY SB-137 (TIME BETWEEN OVERHAUL)... Removed Prop Governor P/N C200D3-RT 23 S/N 050673. Installed OVERHAULED Governor P/N C200D3-RT 23 S/N 050673 by New England Propeller FAA RC2R130L airworthiness release track # 3810. All work done IAW Cirrus SR-22 AMM and TCM IO-550-N OHM. Performed satisfactory ground functional checks. ... (10) CW CIRRUS SR-22 / 6 YEAR OVERHAUL AND REPLACEMENT SCHEDULE PER AMM 5-10 ON PROPELLER DUE FOR OVERHAUL PER MANDATORY HARTZELL SERVICE LETTER 061Y-R03. AMM 5-10 ON ENGINE... Removed Prop P/N PHC-J3YF-1RF S/N FP3954B. Installed OVERHAULED Prop P/N PHC-J3YF-1RF S/N FP3954B by New England Propeller FAA RC2R130L airworthiness release track # 38109. All work done IAW Cirrus SR-22 AMM and TCM IO-550-N OHM. Performed satisfactory ground functional checks.

The work performed has been approved for return to service.

DATE: 15 July, 2011

SIGNED:

Michael A Kringsky, A&P: 45663939

Work Order: 06668-06-2011
Printed by EBIS 3 (datcommedia.com)

PROP MODEL:
PHC-J3YF-1RF
PROP S/N: FP3954B
REG. NO: 313DG
WORK ORDER:
0274-04-2012



Performance Flight
136 Tower Lane Hangar M
West Harrison, NY 10604
Phone: 914-397-1444

DATE: 4/30/2012
A/C TSN: 837
PROP TT: 837
FLIGHTTIME: 837

Prop Entries

(4) Complete Aircraft annual of Propeller... PROP - Completed Annual Inspection in accordance with Cirrus Design Corp Annual inspection checklist. Lubricated propeller with Aeroshell 6 grease as required. Dressed blades as required. Completed SB & AD search, all AD's and SB's complied with as of 4/26/2012. I certify this propeller was inspected in accordance with a Annual inspection, and has been found to be in an airworthy condition.

Maintenance Release

The aircraft and/or component(s) on 313DG was repaired and inspected in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service.

DATE: 4/30/2012

SIGNED:

Michael A Kringsky

Printed by EBIS 3 (datcommedia.com)

to Airworthiness Directives,
Minor Repair, and Inspections.



Travel Express Aviation Maintenance, Inc
DuPage Airport, West Chicago, IL 60185
Aircraft: N313DG Date: 05/04/13 Invoice 4827

TT A/F 945.8 HOBBS: 945.8 TT PROP: 945.8

This propeller has been given an annual inspection in accordance with the aircraft manufacturer's instructions and the propeller manufacturer's instructions. Cleaned, inspected, and dressed prop.

- The current status of applicable ADs was researched through 2013-10.

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


Kenneth Morgan III, AP 322829269 IA

End



Travel Express Aviation Maintenance, Inc
DuPage Airport, West Chicago, IL 60185

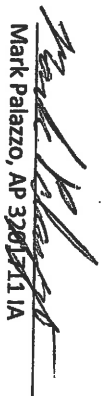
Aircraft: N313DG Date: 6/06/14 Invoice: 5597

AFTT: 1111.0 ENG TT: 1111.0 ELT BATT DUE: 6/2015 ALT/STATIC: 6/2015
HOBBS: 1111.0 PROP TT: 1111.0 ELT INSP DUE: 6/2015 XPONDER: 6/2015

This propeller has been given an annual inspection in accordance with the aircraft manufacturer's instructions and the propeller manufacturer's instructions. Cleaned, inspected, and dressed prop.




- Inspected and greased. Ok for service.
- The current status of the ADs was checked through 2014-12.

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


Mark Palazzo, AP 32012111A

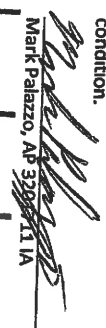
END

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

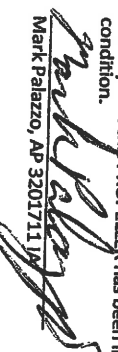
Date	Propeller TSN	TSN	A/C Hrs	Description
				 <p>Travel Express Aviation Maintenance, Inc DuPage Airport, West Chicago, IL 60185</p>
				<p>Aircraft: N313DG Date: 2/27/15 Invoice: 6266</p> <p>AFTT: 1167.4 ENG TT: 1167.4 ELT BATT DUE: 02/2016 ALT/STATIC: 06/2016 HOBSB: 1167.4 PROP TT: 1167.4 ELT INSP DUE: 02/2016 XPONDER: 06/2016</p> <p>This propeller has been given an annual inspection in accordance with the aircraft manufacturer's instructions and the propeller manufacturer's instructions. Cleaned, inspected, and dressed prop.</p> <ul style="list-style-type: none"> • Inspected and found ok for service. • The current status of the ADS was checked through 2015-04. <p>I certify that this PROPELLER has been inspected in accordance with an annual inspection, and was determined to be in AIRWORTHY condition.</p>
				 <p>Travel Express Aviation Maintenance, Inc. DuPage Airport, West Chicago, IL 60185</p>
				<p>Date: 1/21/16 Aircraft: 313DG Model: Cirrus SR22 Serial: 1592 Invoice: 7037/7039W AFTT: 1259.7 Hobbs: 1259.7 Prop TT: 1259.7</p> <p>This propeller has been given an annual inspection in accordance with the manufacturer's checklist and following the guidelines of the F.A.R, Part 43, Appendix D, and 91, Subpart E.</p> <ul style="list-style-type: none"> • Greased propeller with Aeroshell #5. Inspected hub, blades and TKS propeller lines. • The current status of applicable ADS checked through 2016-01. <p>I certify that this PROPELLER has been inspected in accordance with an annual inspection and was determined to be in AIRWORTHY condition.</p>
				 <p>Travel Express Aviation Maintenance, Inc. DuPage Airport, West Chicago, IL 60185</p>
				<p>Date: 2/1/16 Aircraft: 313DG Model: Cirrus SR22 Serial: 1592 Invoice: 7037/7039W AFTT: 1259.7 Hobbs: 1259.7 Prop TT: 1259.7</p> <p>This propeller has been given an annual inspection in accordance with the manufacturer's checklist and following the guidelines of the F.A.R, Part 43, Appendix D, and 91, Subpart E.</p> <ul style="list-style-type: none"> • Greased propeller with Aeroshell #5. Inspected hub, blades and TKS propeller lines. • The current status of applicable ADS checked through 2016-01. <p>I certify that this PROPELLER has been inspected in accordance with an annual inspection and was determined to be in AIRWORTHY condition.</p>


 Mark Palazzo, AP 3201711 IA

END


 Mark Palazzo, AP 3201711 IA

END


 Mark Palazzo, AP 3201711 IA

END



Travel Express Aviation Maintenance, Inc.
 DuPage Airport, West Chicago, IL 60185

Date: 3/3/2017 Aircraft: N313DG Model: Cirrus SR22 Serial: 1592 Invoice: 7881
 AFTT: 1304.1 Hobbs: 1304.1 Prop TT: 1304.1 Prop TSO: N/A

This propeller has been given an annual inspection in accordance with the manufacturer's checklist and following the guidelines of the F.A.R., Part 43, Appendix D, and 91, Subpart E.

- Greased propeller with Aeroshell #5. Inspected hub, blades and TKS propeller lines. Applied conductive paint to propeller deice boots.
- The current status of applicable ADs checked through 2017-03.

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

Mark Palazzo
 Mark Palazzo, AP 3802711 IA

END

Date	P	TS
