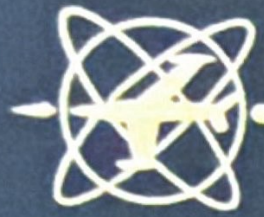

The Standard

PROPELLER LOG

ASA-SP-L

The Standard Propeller Log
SP-L

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ASA-SP-L

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Propeller Record General Information

Propeller Manufacturer Hartzell

Model HC-I3YR-1RF **Type** _____

Hub Series # # HK423A **Blade #** _____

Date of Manufacture ~~HK423A~~

	Make/Model	Serial #
Aircraft Installed On:		

HARTZELL PROPELLER INC

INSPECTION

Item Number: 81I3R00110

Date: 3/30/1999

Work Order #: C253150

Model Number					
HC-I3YR-1RF/F7663DR					
Ass'y Ser No.	Hydr Unit No.	Bulkhead No.	Valve No.		
HK423A	NA	NA	NA		
Blade 1: J26545	Blade 2: J26541	Blade 3: J26542	Blade 4:	Blade 5:	Blade 6:
Clamp 1:	Clamp 2:	Clamp 3:	Clamp 4:	Clamp 5:	

Reverse	Start Lock	Low Pitch	High Pitch	Feather
		12.4		

Ref Radius (inches) for angles: 30

Comments:
Deice Kit: NA
IDS# 837 26-APR-93 PS50077-89

Packing Certified By: | Date:

Inspected By: JMJ

The approved design data for this propelier incoporates all changes required by applicable Airworthiness Directives.

Year:
Date:
Next Due:

Year:
Date:
Next Due:

Year:
Date:
Next Due:

Installed on N4452 @ 1750 t.t.s. 11/9/2004

1. Approving National Aviation Authority / Country:	2. AUTHORIZED RELEASE CERTIFICATE	3. Form Tracking Number:
FAA/UNITED STATES	FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	S043263
4. Organization Name and Address: H & S PROPELLER SHOP, INC. 8220 Old White Lake Rd. - White Lake, Michigan 48386		5. Work Order/Contract/ Invoice Number: W43263

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial / Batch Number:	12. Status / Work:
ONE	PROPELLER	HC-I3YR-1RF	N/A	ONE	HK423A	OVERHAUL

13. Remarks
OVERHAULED I/A/W CURRENT FAA APPROVED DATA - DETAILS FOUND UNDER WORK ORDER 43263.
HUB S/N HK423A. BLADE S/N J26545, J26542, J26541.
NO APPLICABLE AD NOTES.
INSPECTED PER SB 61-118F R1, 61-136R1, 61-281, 61-299.
COMPLIED WITH SL 61-244, 267, 278, 293R1 & S1152A.

Installed on N41452 @ 1700.4 hrs. 11/9/2011

1. Approving National Aviation Authority / Country:	2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	3. Form Tracking Number:
FAA/UNITED STATES		S043263
4. Organization Name and Address:	H & S PROPELLER SHOP, INC. 8220 Old White Lake Rd. - White Lake, Michigan 48386	5. Work Order/Contract/ Invoice Number: W43263

6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial / Batch Number:	12. Status / Work:
ONE	PROPELLER	HC-I3YR-1RF	N/A	ONE	HK423A	OVERHAUL

13. Remarks:

OVERHAULED IA/W CURRENT FAA APPROVED DATA - DETAILS FOUND UNDER WORK ORDER 43263.
HUB S/N HK423A. BLADE S/N J26545, J26542, J26541.
NO APPLICABLE AD NOTES.
INSPECTED PER SB 61-118F R1, 61-136R1, 61-281, 61-299.
COMPLIED WITH SL 61-244, 267, 278, 293R1 & SI 152A.

14. 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 13.

19.

- ☑ 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.

15. Authorized Signature:	16. Approval / Authorization No.:	20. Authorized Signature:	21. Approval / Certificate No.:
		Timothy S. Cilley	MQ5R050N
17. Name (Typed or Printed):	18. Date (m/d/y):	22. Name (Typed or Printed):	23. Date (m/d/y):
	00/00/00	TIMOTHY S CILLEY	10/14/2011

☐ HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

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

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

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

JET AIR, INC

ATIONS ☐

Year: _____ Date:		Date: 12/16/2015; Aircraft: N4145Z Hartzell HC-13YR-1RF S/N: HK423A Hobbs: 2129.3 T.T: 2129.3 TSOH: 378.9 W/O: SPG-15-2098
Next Ins Due:		Cleaned, dressed, and painted blades. Checked Spinner and bulkhead, found propeller and spinner to be serviceable. I certify that this propeller has been inspected in accordance with an annual inspection and was determined to be in airworthy condition. .
Year: _____ Date:		Date 12/16/2015 Signed _____ for Jet Air Inc. CRS # JAFR110F Galesburg, Illinois 61401
Next Inspection Due:	Time Since Overhaul	Mech. Cert. # or Repair Station #

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

☐ HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

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

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

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

JET AIR, INC

Date: 2/13/2017; Aircraft: N4145Z
Hartzell HC-13YR-1RF S/N: HK423A Hobbs: 2189.6 T.T: 2189.6 TSOH: 439.2 W/O: SPG-17-02396

Cleaned, dressed, and painted blades. Checked Spinner and bulkhead, found propeller and spinner to be serviceable.

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

Date 2-13-2017 Signed _____
for Jet Air Inc. CRS # JAFR110F Galesburg, Illinois, 61401

Year: _____	Total Tim in Servic
Date:	
Next Inspection Due:	Time Sin Overhaul

Year: _____	Total Tim in Servic
Date:	
Next Inspection Due:	Time Sin Overhaul

Year: _____	Total Tim in Servic
Date:	
Next Inspection Due:	Time Sin Overhaul

LM AIRCRAFT REPAIR
12730 SW 77TH STREET
MIAMI, FL 33183
305-978-3940

Date: 03/06/2018 **PROPELLER LOGBOOK ENTRY** WO#2172

A/C Reg: N4145Z Model:PA-32R-301 SN:3246142 ACTT: 2304.3 HOBBS: 2304.3
PROPELLER TT: 2304.3 PROPELLER SMOH: 553.9

Completed **ANNUAL** inspection IAW FAR 43 Appendix "D".

I certify that this **PROPELLER** has been inspected in accordance with an **ANNUAL** inspection and was found to be in airworthy condition.

Signature _____ **A&P267717017-IA**

☐ HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Year:	Total Time in Service	Description
Date:		
Next Insp Due:		

Propeller Logbook Entry

Registration #: N4145Z
Aircraft Model: Piper PA-32R-301
Aircraft Total Time: 2389.2 hours
Propeller Model: Hartzell HC-I3YR-1RF
Propeller Total Time: 2389.2 hours

Date: March 19, 2019
Aircraft S/N: 3246142
Aircraft Hobbs Reading: 2389.2 hours
Propeller S/N: HK423A
Propeller TSO: 638.8 hours

Performed an Annual Inspection, in accordance with FAR Part 43 Appendix D Scope and Detail.
I certify that the Annual Inspection and other work specified; except as otherwise specified, was carried out in accordance with FAA regulations, and in respect to that work performed, the Propeller is approved for return to service.

Lazaro Mendoza AP 2677170I7 - IA

Year:	Total Time in Service	Description
Date:		
Next Insp Due:		

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

Propeller Logbook Entry

Registration #: N4145Z
Aircraft Model: Piper PA-32R-301
Aircraft Total Time: 2454.5 hours
Propeller Model: HC-13YR-1RF

Date: April 15, 2020
Aircraft S/N: 3246142
Aircraft Hobbs Reading: 2454.5 hours
Propeller S/N: HK423A

Performed an Annual Inspection, in accordance with FAR Part 43 Appendix D Scope and Detail.
I certify that the Annual Inspection and other work specified; except as otherwise specified, was carried out in accordance with FAA regulations, and in respect to that work performed, the Aircraft is approved for return to service.

Lazaro Mendoza AP 2677170I7 - IA

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

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL Hartzell HC-I3YR-1RF

PROPELLER S/N HK423A

N4145Z

LOGBOOK # 1

PROPELLER MAINTENANCE RECORD

Position _____

Propeller Model HC-I3YR-1RF

Propeller S/N HK423A

Blade Design _____

Blade S/N's

No. 1 J26545

No. 2 J26542

No. 3 J26541

No. 4 _____

No. 5 _____

No. 6 _____

Spinner Assembly Part No. _____

PITCH RANGE

High/Feather _____

Start Lock _____

Low _____

Reverse _____

Aircraft Manufacturer Piper

Aircraft Model PA-32R-301

S/N 32467142

Registration N41457

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

HARTZELL PROPELLER INC

INSPECTION

Item Number: 81I3R00110 Date: 3/30/1999

Work Order #: C253150

Model Number					
HC-I3YR-1RF/F7663DR					
Ass'y Ser No.	**Hydr Unit No.**	**Bulkhead No.**	**Valve No.**		
HK423A	NA	NA	NA		
Blade 1: J26545	**Blade 2:** J26541	**Blade 3:** J26542	**Blade 4:**	**Blade 5:**	**Blade 6:**
Clamp 1:	**Clamp 2:**	**Clamp 3:**	**Clamp 4:**	**Clamp 5:**	

Reverse	Start Lock	Low Pitch	High Pitch	Feather
		12.4		

Ref Radius (inches) for angles: 30

Comments:
Deice Kit: NA

IDS# 837 26-APR-93 PS50077-89

Packing Certified By:	Date:

Inspected By: JMJ

The approved design data for this propeller incoporates all changes required by applicable Airworthiness Directives.

2011/NOV/09/WED 15:18 H&S Propeller Shop FAX No. 248 922 9424 P. 001/

Installed on N41457 @ 1750 4 h.s. 11/9/2011

1. Approving National Aviation Authority / Country:	2. AUTHORIZED RELEASE CERTIFICATE	3. Form Tracking Number:
FAA/UNITED STATES	FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG	5043263
4. Organization Name and Address: H & S PROPELLER SHOP, INC. 8220 Old White Lake Rd. - White Lake, Michigan 48386		5. Work Order/Contract/ Invoice Number: W43263

6. Item	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial / Batch Number:	12. Status / Work:
ONE	PROPELLER	HC-I3YR-1RF	N/A	ONE	HK423A	OVERHAUL

13. Remarks:
OVERHAULED IA/W CURRENT FAA APPROVED DATA - DETAILS FOUND UNDER WORK ORDER 43263.
HUB S/N HK423A. BLADE S/N J26545, J26542, J26541.
NO APPLICABLE AD NOTES.
INSPECTED PER SB 61-118F R1, 61-136R1, 61-281, 61-299.
COMPLIED WITH SL 61-244, 267, 278, 293R1 & SI 152A.

14. 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 13

19. ☑ 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.

15. Authorized Signature:	16. Approval / Authorization No.:	20. Authorized Signature:	21. Approval / Certificate No.:
		Timothy S. Cilley	MQ5R050N
17. Name (Typed or Printed):	**18. Date (m/d/y):**	**22. Name (Typed or Printed):**	**23. Date (m/d/y):**
	00/00/00	TIMOTHY S CILLEY	10/14/2011

1. Approving Civil Aviation Authority/Country:

FAA/UNITED STATES

2.

AUTHORIZED RELEAS

FAA FORM 8130-3, AIRWORTHINE

o Airworthiness Directives, inor Repair, and Inspections.

4. Organization Name and Address:

Aircraft Propeller Works, Inc.
506 Charlotte Road, Auburndale, FL

1	Aircraft Propeller	3. Part Number: HC-I3YR-1F F7663DR

12. Remarks:

overhauled in accordance with Hartzell manuals 150, 202A,

NYCO GN3058 grease, the use of any other grease during the mainte

AD Compliance:

No AD's apply to this propeller at this time.

Blade serial numbers:

.8 Hobbs 2480.8

Aircraft Propeller Works Inc.,
his **PROPELLER** has been
ppendix D and was
0.8, Prop TT 2480.8, TSPOH

&P267914203IA

Propeller Model HC-I3YR-1RF

Serial Number HK423A

... has been dynamically balanced

by Palm Beach Aircraft Propeller, Inc. FAA #LU4R349M

under work order # 10103 in compliance with

Chadwick Helmuth's Smooth Propeller Manual #AW9511-2

Start IPS 1.1 End IPS .11

Date Sep 1, 2021 Tail # N4145Z

Form # PR-27DB Rev. 0. 2-1-2018

Supplemental Logbook Entry - Annual Propeller

Reg: N4145Z **Model: HC-13YR-1RF** **S/N: HK423A**
Date: 7/26/22 **Hobbs: 2577.0** **PTSN: 2577.0** **SPOH: 96.2**

Performed an Annual Inspection with reference to FAR Part 43, Appendix "D". Checked applicable AD's thru 2022-14. Treated Propeller and Propeller Hardware with ACF50 Anti Corrosive. Dressed Propeller and Painted Propeller Blade Faces. I certify that this Aircraft Propeller has been inspected/repaired in accordance with an Annual Inspection and has been determined to be in an airworthy condition and that work described above was accomplished and inspected in accordance with current FAA regulations and is approved for return to service. **–END-**

Jose J. Cotto, 3118790 A&P, IA

Supplemental Logbook Entry - Annual Propeller

Reg: N4145Z **Model: HC-13YR-1RF** **S/N: HK423A**
Date: 7/26/23 **Hobbs: 2673.5** **PTSN: 2673.5** **SPOH: 192.7**

Performed an Annual Inspection with reference to FAR Part 43, Appendix "D". Checked applicable AD's thru 2023.-15. Dressed Propeller and Sanded, Prepared and Painted Propeller Blade Faces black.I certify that this Aircraft Propeller has been inspected/repaired in accordance with an Annual Inspection and has been determined to be in an airworthy condition and that work described above was accomplished and inspected in accordance with current FAA regulations and is approved for return to service. **–END-**

Jose J. Cotto, 3118790 A&P, IA

Supplemental Logbook Entry - Annual Propeller

Reg: N4145Z **Model: HC-13YR-1RF** **S/N: HK423A**
Date: 6/13/24 **Hobbs: 2747.5** **PTSN: 2747.5** **SPOH: 266.7**

Performed an Annual Inspection with reference to FAR Part 43, Appendix "D". Checked applicable AD's thru 2024-11. Treated Propeller and Propeller Hardware with ACF50 Anti Corrosive. Dressed and Painted Propeller Blade Faces and Fronts. I certify that this Aircraft Propeller has been inspected/repaired in accordance with an Annual Inspection and has been determined to be in an airworthy condition and that work described above was accomplished and inspected in accordance with current FAA regulations and is approved for return to service. **–END-**

David A. Johnson, 3638866, A&P IA

Tail Number	N4145Z	JETTECHS PMP	Date	7/1/2025
Make	Hartzell		Hobbs	~~2802.6~~ 2805.4
Model	HC-I3YR-1RF		TSMOH	~~321.8~~ 324.6
Serial number	HK423A	701-6 NE 10th street, Pompano Beach, Fl 33060 (309) 992-8760	TTSN	2802.6

Inspected propeller for general overall condition
Dressed prop blades and touched up paint in affected areas.
Lubed as required.
I certify that this propeller has been inspected and is approved for return to service for the repairs and services made at this time.----------END----------

Nicholas Keith AP 3343208 Date: 7/1/25