
HARTZELL

PROPELLER OWNER'S MANUAL



PerformMore®

PATENT NO. 5,000,000

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL HC-I3YIR-IN

PROPELLER S/N NY114B



Scanned with CamScanner

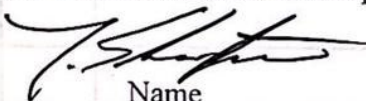
LOGBOOK # 1

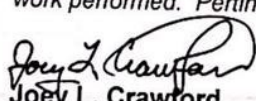
THIS SERVICE RECORD shall accompany the propeller equipment at all times. When equipment is installed as part of an Aircraft or engine, this record shall be maintained concurrently with and become a part of the Aircraft and Engine Service Records.


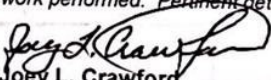
PROPELLER MAINTENANCE RECORD

Position _____	PITCH RANGE
Propeller Model _____	High/Feather _____
Propeller S/N _____	Start Lock _____
Blade Design _____	Low _____
Blade S/N's	Reverse _____
No. 1 _____	
No. 2 _____	Aircraft Manufacturer _____
No. 3 _____	Aircraft Model _____
No. 4 _____	S/N _____
No. 5 _____	Registration _____
No. 6 _____	

Spinner Assembly Part No. _____

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
<u>PROPELLER LOG</u>			
Date: 10-16-2012	Prop Model: HC-I3Y1R-1N	A/C Registration: N321AG	
Hobbs Time: 2.5		Propeller S/N: NY114B	
		Aircraft S/N 4636563	
Complied with Hartzell propeller owner's manual 145. 6-7 thru 6-12.			
Performed lubrication of prop by manufacturer during flight testing with aeroshell #6 after 1 to 2 hours of operation.			
 Name Tony Schweitzer AP 3328631			

jetsource			
PROPELLER LOGBOOK ENTRY CRS # J36R336X			
Manufacturer	HARTZELL	Model	HC-I3Y1R-IN
Registration	N321AG	Serial Number	NY114B
Total Time	158.4	Cycles	
<p>The following maintenance/inspection/repairs have been accomplished:</p> <ul style="list-style-type: none"> COMPLETED AN ANNUAL INSPECTION I.A.W. PIPER PA46-350P MAINTENANCE MANUAL CHAPTER 5-20-00 AND HARTZELL PROPELLER OWNER'S MANUAL CHAPTER 61-00-45. COMPLIED WITH HARTZELL 100 HOUR / ANNUAL LUBRICATION I.A.W. HARTZELL OWNERS MANUAL CHAPTER 61-00-45. <p>I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION FOR RETURN TO SERVICE.</p> <p>The aircraft identified above was inspected and/or repaired in accordance with the current manufacturers specifications and current Federal Aviation Administration regulations and is returned to service with respect to the work performed. Pertinent details of this report are on file at this facility under work order: MR13-06400.</p>			
 Joey L. Crawford CRSJ36R336X		Jet Source Inc. 2056 Palomar Airport Road Carlsbad, CA 92011	
		11/01/2013	

Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
 PROPELLER LOGBOOK ENTRY CRS # J36R336X			
Manufacturer		HARTZELL	Model
Registration		N321AG	Serial Number
Total Time		242.5	Cycles
<p>The following maintenance/inspection/repairs have been accomplished:</p> <ul style="list-style-type: none"> COMPLETED AN ANNUAL INSPECTION I.A.W. PIPER PA46-350P MAINTENANCE MANUAL CHAPTER 5-20-00 AND HARTZELL PROPELLER OWNER'S MANUAL CHAPTER 61-00-45. COMPLIED WITH HARTZELL 100 HOUR / ANNUAL LUBRICATION I.A.W. HARTZELL OWNERS MANUAL CHAPTER 61-00-45. <p>I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION FOR RETURN TO SERVICE. The aircraft identified above was inspected and/or repaired in accordance with the current manufacturers specifications and current Federal Aviation Administration regulations and is returned to service with respect to the work performed. Pertinent details of this report are on file at this facility under work order: MR13-06665.</p>			
 Joey L. Crawford CRSJ36R336X		Jet Source Inc. 2056 Palomar Airport Road Carlsbad, CA 92011 10/27/2014	

PROP MODEL: HC-I3Y1R-1N PROP S/N: NY114B REG. NO: N321AG WORK ORDER: 27739	 American Aircraft Maintenance, Inc. Repair Station No. Z5SR421Y 19711-B Campus Drive Santa Ana, CA 92707 Phone: (949) 852-8420	DATE: 11/6/2015 A/C TSN: 310.5 PROP TT: 310.5 HOBBS: 310.5
Prop Entries <p>Complied with an Annual/100 HR inspection in accordance with FAR Part 43, Appendix D, using Piper Aircraft, Inc. Inspection Report p/n 767-011 as a guide. Leak check satisfactory. All Airworthiness Directives are in compliance at this time through bi-weekly issue 2015-22.</p> <p>THIS AIRCRAFT OR COMPONENT HAS BEEN REPAIRED AND/OR INSPECTED AS OUTLINED ABOVE IN ACCORDANCE WITH CURRENT MAINTENANCE RULES OF 14 CFR, IT IS FOUND AIRWORTHY AND IS APPROVED RETURN TO SERVICE.</p>		
DATE: 11/6/2015	SIGNED:  Richard Sanchez Certified Repair Station No. Z5SR421Y	Work Order: 27739 Printed by EBis 3 (datcomedia.com)
PROP MODEL: HC-I3Y1R-1N PROP S/N: NY114B REG. NO: N321AG WORK ORDER: 6444-08-2016	 HIGH PERFORMANCE AIRCRAFT, INC. Repair Station No. HPFR569X 1850 JOE CROSSON DRIVE El Cajon, CA 92020 Phone: 858-576-5000	DATE: 12/19/2016 A/C TSN: 403.3 PROP TT: 403.3 HOBBS: 403.3
Prop Entries <p>COMPLETED AN ANNUAL INSPECTION IN ACCORDANCE WITH FAR PART 43, APPENDIX D, USING CURRENT MALIBU MIRAGE PA46-350P MAINTENANCE MANUAL 5-20-00 CHECKLIST AS A GUIDE. ALL AD'S CHECKED THRU THIS DATE, SEE ATTACHED LIST.... REPLACED ONE PROP DE-ICE WIRE HARNESS WITH P/N 3H3158-8 AND SECURED HEAT BOOT WIRES WITH ZIP TIES, PROP HEAT OPERATES NORMALLY AT THIS TIME... PAINTED PROP FACES</p> <p>The aircraft and/or component(s) identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of this repair are on file at this repair station under Work Order No. 6444-08-2016</p>		
DATE: 12/19/2016	SIGNED:  Dan Salzman Certified Repair Station No. HPFR569X	Work Order: 6444-08-2016 Printed by EBis 3 (datcomedia.com)

Date

PROP MODEL:
HC-13Y1R-1N
PROP S/N: NY114B
REG. NO: N321AG
WORK ORDER:
6640-11-2017

 **High Performance Aircraft, Inc.**

Repair Station No. HPFR569X
1850 JOE CROSSON DRIVE
El Cajon, CA 92020
Phone: 858-576-5000

DATE: 12/7/2017
A/C TSN: 507.8
PROP TT: 507.8
HOBBS: 507.8

ons.

Prop Entries

COMPLETED AN ANNUAL INSPECTION IN ACCORDANCE WITH FAR PART 43, APPENDIX D, USING CURRENT MALIBU MIRAGE PA46-350P MAINTENANCE MANUAL 5-20-00 CHECKLIST AS A GUIDE. ALL AD'S CHECKED THRU THIS DATE, SEE ATTACHED LIST.... PERFORMED COIN TAP INSPECTION OF PROP BLADES & FOUND NORMAL WITH NO DEFECTS NOTED AT THIS TIME

The aircraft and/or component(s) identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of this repair are on file at this repair station under Work Order No. 6640-11-2017
Dated

DATE: 12/7/2017

SIGNED: 

Work Order: 6640-11-2017

Dan Salzman

Certified Repair Station No. HPFR569X

Printed by EBis 3 (datcomedia.com)

PROP MODEL:
HC-13Y1R-1N
PROP S/N: NY114B
REG. NO: N321AG
WORK ORDER:
6803-11-2018

 **High Performance Aircraft, Inc.**

Repair Station No. HPFR569X
1850 JOE CROSSON DRIVE
El Cajon, CA 92020
Phone: 858-576-5000

DATE: 12/4/2018
A/C TSN: 678.8
PROP TT: 678.8
HOBBS: 678.8

Prop Entries

COMPLETED AN ANNUAL/100 HOUR INSPECTION IN ACCORDANCE WITH FAR PART 43, APPENDIX D, AND LUBRICATED, USING CURRENT MALIBU PA-46-350P MAINTENANCE MANUAL 5-20-00 CHECKLIST AND HARTZELL OPERATOR'S MANUAL AS A GUIDE. ALL AD'S CHECKED THRU THIS DATE, SEE ATTACHED LIST.

The aircraft and/or component(s) identified above was repaired and inspected in accordance with current maintenance rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details of this repair are on file at this repair station under Work Order No. 6803-11-2018
Dated

DATE: 12/4/2018

SIGNED: 

Work Order: 6803-11-2018

Dan Salzman

Certified Repair Station No. HPFR569X

Printed by EBis 3 (datcomedia.com)

B&G Aviation LLC

Georgetown Texas 78628 ph 512-864-7632

N321AG

SN# NY114B

Date 1-15-2020

ACTT: 907.2

HM: 907.2

TT prop: 907.2

I certify that this propeller has been inspected in accordance with a 100hr inspection
In accordance with part 43 appendix d and was determined to be in airworthy condition.

This aircraft is approved for return to service in

regards to Work performed.


David McCoy AP 6615278

B&G Aviation LLC

Georgetown Texas 78628 ph 512-864-7632

N321AG

SN# NY114B

Date 2/9/2021

ACTT: 1071.5

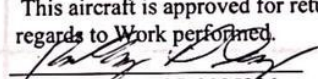
Tach: 1071.5

TT prop: 1071.5

I certify that this propeller has been inspected in accordance with a 100hr inspection
In accordance with part 43 appendix d and was determined to be in airworthy condition.

This aircraft is approved for return to service in

regards to Work performed.


Bradley Gray A&P 3135226

02/04/2022

Tach: 1131

AC/PropTT; 1131

Lawrence Airmotive LLC

603-479-2067

LWMAirmotive@outlook.com



Lawrence Municipal Airport

492 Sutton St.

N. Andover, MA 01845

N321AG

ETT: 1131

Date

Complied with an annual inspection in accordance

with FAR 43 appendix D.

All airworthiness directives reviewed through biweekly 2022-03 and none due at this time.

Propeller was cleaned, leading edges dressed and face repainted.

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


Nickolas Flammia AP33339511IA

Date: 3/24/2023; Aircraft: N321AG; Type: PA-46-350P; S/N: 4636563; Hobbs: 1280.80; Total Time: 1280.80

Make: Hartzell ; m/n: HC-I3Y1R-1N ; s/n: NY114B ; TOTAL TIME = 1280.8 ; TSMOH = N/A

I certify that this propeller has been inspected in accordance with an ANNUAL INSPECTION and current FAA Regulations and was determined to be in an airworthy condition. Pertinent details are on file at this facility under Shop Order # MA-23-5860

1. Dressed blades leading edges and painted face of blades flat black.

2. Lubricated propeller hub with Aeroshell #6 grease.

3. Cleaned inside of spinner with solvent.

Three Wing Aviation Group, LLC 400 Great Meadow Rd Stratford, CT 06615

This aircraft, airframe, engine or appliance identified was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service.
Shop Order MA-23-5860


Anthony J. DiNuzzo A&P 3466490 IA

3/24/2023
Date

Date

Date: 2/21/2024, Aircraft: N321AG, Type: PA-46-350P, S/N: 4636563, Total Time: 1368.20

1. Removed propeller M/N HC-13Y1R-1N S/N NY114B for overhaul.

Three Wing Aviation Group, LLC 400 Great Meadow Rd Stratford, CT 06615

This aircraft, airframe, engine or appliance identified was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service.

Shop Order MA-24-6168

Anthony J. DiNuzzo A&P 3466490 IA Date

worthiness Directives,
Repair, and Inspections.

03/18/24


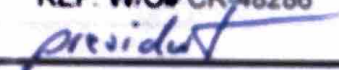
HARTZELL HC-13Y1R-1N
PROPELLER N7605CK+2
S/N NY114B

P.T.T.S.N.: 1368.2
P.T.T.S.O.: 00.00

MAJOR OVERHAUL. BLADES REFINISHED. PARTS
FLUORESCENT PENETRANT INSPECTED. MAGNAFLUXED.
PARTS REPLACED WHERE REQUIRED. DEICER BOOTS
INSTALLED. PROPELLER TRACKED, BALANCED, GREASED.
SET ANGLES AND PAINTED. COMPLIES WITH AD'S AND SB'S
LISTED ON 8130 FORM. PROPELLER LUBRICATED WITH NYCO
GN3058 GREASE I A W. SERVICE LETTER HC-SL-81-366.

AUTHORIZED BY:

REF: W/O# CR-48286



NEW ENGLAND PROPELLER SERVICES
6 MATTHEWS DRIVE
EAST HADDAM, CT 06423
FAA REPAIR STATION #RC2R130L
1-860-873-1494

Date

Date: 3/22/2024; Aircraft: N321AG; Type: PA-46-350P; S/N: 4636563; Hobbs: 1368.20; Total Time: 1368.20

worthiness Directives,
Repair, and Inspections.

Make: Hartzell ; m/n: HC-I3Y1R-1N ; s/n: NY114B ; TOTAL TIME = 1368.2 ; TSMOH = 0

I certify that this propeller has been inspected in accordance with an ANNUAL INSPECTION and current FAA Regulations and was determined to be in an airworthy condition. Pertinent details are on file at this facility under Shop Order # MA-24-6168

Reinstalled propeller p/n HC-I3Y1R-1N s/n NY114B. After overhaul by New England Propeller Services. Installed new alternator, compressor belts p/n 37A19773-464, 37B19741-460, and 37A19773-38, and tensioned belts. Safetied tensioner bolts and compressor mounting bolts. Propeller installed IAW AMM Chapter 61-10-00 B 1-15 and Hartzell Manual 115N Chapter 61-00 -15. Installed using new O-ring p/n C3317-228 supplied with the propeller. Torqued mounting bolts to 65 ft/lbs per Table 3-2 and Figure 3-2. Safetied bolts with safety wire per Manual 115N. Reconnected prop heat. Ops checked good. Blade track checked good.

Three Wing Aviation Group, LLC 400 Great Meadow Rd Stratford, CT 06615

This aircraft, airframe, engine or appliance identified was repaired and inspected in accordance with current regulations of the FAA and is approved for return to service.
Shop Order MA-24-6168

Anthony J. DiNuzzo A&P 3466490 IA

3/22/2024
Date