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NSA

FACT

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NEW ENGLAND

PROPELLER

PROPELLER LOGBOOK

PROPELLER MODEL PHC-J3YF-1N

PROPELLER S/N FP6404B

LOG BOOK # 2



PROPELLER MAINTENANCE RECORD

Position _____

PITCH RANGE

Propeller Model PHC-J3YF-1N

High/~~Feather~~ 35.0

Propeller S/N FP 6404B

Start Lock _____

Blade Design N7605 B

Low 12.4

Blade S/N's

Reverse _____

No. 1 A 1659

No. 2 A 1677

No. 3 B 0922

No. 4 _____

No. 5 _____

No. 6 _____

Aircraft Manufacturer _____

Aircraft Model _____

S/N _____

Registration _____

Spinner Assembly Part No. _____



02/01/16

HARTZELL
PROPELLER

PHC-J3YF-1N
N7605B

S/N FP6404B

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

MAJOR OVERHAUL. BLADES REFINISHED. PARTS FLORESCENT PENETRANT INSPECTED, MAGNAFLUXED & REPLACED WHERE REQUIRED. DEICER BOOTS INSTALLED. PROPELLER TRACKED, BALANCED, GREASED, SET ANGLES AND PAINTED. COMPLIES WITH AD'S AND SB'S LISTED ON 8130-3 FORM. INSTALLED FACTORY NEW BLADE S/N B0922 IN PLACE OF OLD BLADE S/N A1680.

AUTHORIZED BY:

REF: W/O# CR-42214

NEW ENGLAND PROPELLER SERVICES
6 MATTHEWS DRIVE
EAST HADDAM, CT 06423
FAA REPAIR STATION #RC2R130L
EASA 145.5972
1-860-873-1494



INFINITY AVIATION

117 Perimeter Road / Nashua, NH 03063
FAA Certified Repair Station #I6FR992Y

Date: 3/25/2016; Aircraft: N531SR; Type: SR22; S/N: 2438; Hobbs: 3694.20; Tach: 3312.50; Total Time: 3312.50
* Inspected Propeller. Painted each blade face with flat black paint. Lubricated hub with proper grease.

I certify that this propeller has been inspected in accordance with an Annual/100 hour Inspection and was determined to be in airworthy condition and is approved for return to service. Pertinent details of this inspection are on file at Infinity Aviation Services LLC under the work order listed.

Signature: Alan Desrosiers
Date: 3/25/2016, W/O: 16039
Infinity Aviation Services LLC
FAA Certified Repair Station
#I6FR992Y

Autumn Air Services.

Date:	6-8-2016	557 Crawford St. Fitchburg, MA 01420	(978) 343-5727
Tech:	Jeff Hill	N N531SR	Hrs.: FLT HOBBS: 3414.9
		A&P: 3207556IA	Sign:

Description of Work:

1. Tach: 3414.9, Prop SMOH: 125.3.
2. Inspected propeller blades, hub and deice boots for condition.
3. Inspected spinner and bulkhead assy.
4. Checked blades for track.
5. The systems affected were operationally tested with no discrepancies noted.
6. All work was performed i/a/w manufacturer's service instructions and AC43.13.1B.
7. I certify that this Propeller has been inspected i/a/w an Annual/100HR inspection and determined to be in airworthy condition. End



INFINITY AVIATION

117 Perimeter Road / Nashua, NH 03063
FAA Certified Repair Station #I6FR992Y

Date: 9/21/2016; Aircraft: N531SR; Type: SR22; S/N: 2438; Hobbs: 3897.20; Tach: 3515.10; Total Time: 225.50

* Inspected Propeller. Painted each blade face with flat black paint. Lubricated hub with proper grease.

I certify that this propeller has been inspected in accordance with an Annual/100 hour Inspection and was determined to be in airworthy condition and is approved for return to service. Pertinent details of this inspection are on file at Infinity Aviation Services LLC under the work order listed.

Signature: Alan Desrosiers

Date: 09/01/2016, W/O: 16238

Infinity Aviation Services LLC

FAA Certified Repair Station

#I6FR992Y

Autumn Air Services.

557 Crawford St. Fitchburg, MA 01420

(978) 343-5727

Date: 6-23-2017

N

N531SR

Hrs.:

FLT HOBBS: 3703.9

Tech: Jeff Hill

A&P:

3207556IA

Sign:

Description of Work:

Propeller


1. Tach: 3703.9, Prop SMOH: 414.3.
2. Inspected propeller blades, hub and deice boots for condition.
3. Inspected spinner, bulkhead assy and deice slinger ring for condition.
4. Checked blades for track.
5. Greased propeller hub.
6. The systems affected were operationally tested with no discrepancies noted.
7. All work was performed i/a/w manufacturer's service instructions and AC43.13.1B.
8. I certify that this Propeller has been inspected i/a/w an Annual/100HR inspection and determined to be in airworthy condition. End

FED.

Autumn Air Services.

557 Crawford St. Fitchburg, MA 01420

(978) 343-6536

Date: 9-30-2017 N N531SR Hrs.: FLT HOBBS: 3803.4
 Tech: Jeff Hill A&P: 3207556IA Sign: 


Description of Work: Propeller Annual 2017

1. Tach: 3803.4, Prop SMOH: 513.8.
2. Inspected propeller blades, hub and deice boots for condition.
3. Inspected spinner, bulkhead assy and deice slinger for condition.
4. Checked blades for track.
5. Greased propeller hub.
6. The systems affected were operationally tested with no discrepancies noted.
7. All work was performed i/a/w manufacturer's service instructions and AC43.13.1B.
8. I certify that this Propeller has been inspected i/a/w an Annual/100HR inspection and determined to be in airworthy condition. End

Cornerstone Aviation.

557 Crawford St. Fitchburg, MA 01420

(978) 343-5727

Date: 12-29-2017 N N531SR Hrs.: FLT HOBBS: 3904.7
 Tech: Jeff Hill A&P: 3207556IA Sign: 

Description of Work: Propeller Annual 2017

1. Tach: 3904.7, Prop SMOH: 615.1.
2. Inspected propeller blades, hub and deice boots for condition.
3. Inspected spinner, bulkhead assy and deice slinger for condition.
4. Checked blades for track.
5. Greased propeller hub.
6. The systems affected were operationally tested with no discrepancies noted.
7. All work was performed i/a/w manufacturer's service instructions and AC43.13.1B.
8. I certify that this Propeller has been inspected i/a/w an Annual/100HR inspection and determined to be in airworthy condition. End

Date

Propeller TSN TSO A/C Hrs

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

Cornerstone Aviation 557 Crawford St. Fitchburg, MA 01420 (978) 343-5727

Date: 5-24-2018 N N531SR Hrs.: FLT HOBBBS: 4006.9


Tech: Jeff Hill A&P: 32075561A Sign: 

Description of Work: Propeller Annual 2018

1. Tach: 4006.9, Prop SMOH: 717.3.
2. Inspected propeller blades, hub and deice boots for condition.
3. Inspected spinner, bulkhead assy and deice slinger for condition.
4. Checked blades for track.
5. Greased propeller hub.
6. The systems affected were operationally tested with no discrepancies noted.
7. All work was performed i/a/w manufacturer's service instructions and AC43.13.1B.
8. I certify that this Propeller has been inspected i/a/w an Annual/100HR inspection and determined to be in airworthy condition. End

Cornerstone Aviation. 557 Crawford St. Fitchburg, MA 01420 (978) 343-5727

Date: 6/11/2018 N N531SR Hrs.: FLT HOBBBS: 4052.2

Tech: Jeff Hill A&P: 32075561A Sign: 

Description of Work: Propeller Progressive Phase I

1. Tach: 4052.2, Prop SMOH: 762.6.
2. Inspected propeller blades for visual damage. None noted.
3. The systems affected were operationally tested with no discrepancies noted.
4. All work was performed i/a/w manufacturer's service instructions and AC43.13.1B.
5. I certify that this Propeller has been inspected i/a/w Cirrus Progressive inspection PHASE I and determined to be in airworthy condition. End

VED

Cornerstone Aviation.

557 Crawford St. Fitchburg, MA 01420

(978) 343-5727

Date: 7-12-2018
 Tech: Jeff Hill

N
 A&P: 32075561A

Hrs.: ~~FLT HOBBBS: 4105.2~~
 Sign: ~~[Signature]~~

Description of Work: Propeller Progressive ~~Phase II~~

1. Tach: 4105.2, Prop SMOH: 815.6.
2. Inspected propeller blades, hub and deice boots for condition.
3. Inspected spinner, bulkhead assy and deice slinger for condition.
4. Checked blades for track.
5. Greased propeller hub.
6. The systems affected were operationally tested with no discrepancies noted.
7. All work was performed ia/w manufacturer's service instructions and AC43.13.1B.
8. I certify that this Propeller has been inspected ia/w Cirrus Progressive inspection PHASE II and determined to be in airworthy condition. End

Cornerstone Aviation.

557 Crawford St. Fitchburg, MA 01420

(978) 343-5727

Date: 7/29/2018
 Tech: Jeff Hill

N
 A&P: 32075561A

Hrs.: ~~FLT HOBBBS: 4158.8~~
 Sign: ~~[Signature]~~

Description of Work: Propeller Progressive Phase III

1. Tach: 4158.8, Prop SMOH: 869.2.
2. Inspected propeller blades for visual damage. None noted.
3. The systems affected were operationally tested with no discrepancies noted.
4. All work was performed ia/w manufacturer's service instructions and AC43.13.1B.
5. I certify that this Propeller has been inspected ia/w Cirrus Progressive inspection PHASE III and determined to be in airworthy condition. End

Cornerstone Aviation. 557 Crawford St. Fitchburg, MA 01420 (978) 343-5727

Date: 8/28/2018 N N531SR Hrs.: FLT HOBBS: 4204.0

Tech: Jeff Hill A&P: 32075561A Sign: 

Description of Work: Propeller Phase II

1. Tach: 4204.0, Prop SMOH: 914.4.
2. Inspected propeller blades, hub and deice boots for condition.
3. Inspected spinner, bulkhead assy and deice slinger for condition.
4. Checked blades for track.
5. Greased propeller hub.
6. The systems affected were operationally tested with no discrepancies noted.
7. All work was performed i/a/w manufacturer's service instructions and AC43.13.1B.
8. I certify that this Propeller has been inspected i/a/w Cirrus Progressive inspection PHASE II and determined to be in airworthy condition. End

Cornerstone Aviation 557 Crawford St. Fitchburg, MA 01420 (978) 343-5727

Date: 4/25/19 N N531SR Hrs.: FLT HOBBS: 4253.3

Tech: Jeff Hill A&P: 32075561A Sign: 

Description of Work: Propeller Phase II

1. Tach: 4253.3, Prop SMOH: 963.7.
2. Inspected propeller blades, hub and deice boots for condition.
3. Inspected spinner, bulkhead assy and deice slinger for condition.
4. Checked blades for track.
5. Greased propeller hub.
6. The systems affected were operationally tested with no discrepancies noted.
7. All work was performed i/a/w manufacturer's service instructions and AC43.13.1B.
8. I certify that this Propeller has been inspected i/a/w Cirrus Progressive inspection PHASE II, IV, V and Annual determined to be in airworthy condition. End

TED

Cornerstone Aviation.

557 Crawford St. Fitchburg, MA 01420

(978) 343-5727

Date: 6-18-19

N531SR

FLT HOBBS: 4312.1

Tech: Jeff Hill

A&P: 3207556IA

Sign:

Description of Work:

Propeller Progressive Phase I

1. Tach: 4312.1, Prop SMOH: 1022.5.

2. Inspected propeller blades for visual damage. None noted.

3. The systems affected were operationally tested with no discrepancies noted.

4. All work was performed i/a/w manufacturer's service instructions and AC43.13.1B.

5. I certify that this Propeller has been inspected i/a/w Cirrus Progressive inspection PHASE I and determined to be in airworthy condition. End

Cornerstone Aviation.

557 Crawford St. Fitchburg, MA 01420

(978) 343-5727

Date: 7/30/2019

N

N531SR

Hrs.:

FLT HOBBS: 4360.8

Tech: Jeff Hill

A&P: 3207556

Sign:

Description of Work:

Propeller Progressive Phase II

1. Tach: 4360.8, Prop SMOH: 1071.2.

2. Inspected propeller blades, hub and deice boots for condition.

3. Inspected spinner, bulkhead assy and deice slinger for condition.

4. Checked blades for track.

5. Greased propeller hub.

6. The systems affected were operationally tested with no discrepancies noted.

7. All work was performed i/a/w manufacturer's service instructions and AC43.13.1B.

8. I certify that this Propeller has been inspected i/a/w Cirrus Progressive inspection PHASE II and determined to be in airworthy condition. End

Date

Cornerstone Aviation.

557 Crawford St. Fitchburg, MA 01420

(978) 343-5727

Date: 9/9/2019

N

N531SR

Hrs.:

FLT HOBBS: 4411.3

Tech: Jeff Hill

A&P:

3207556

Sign:

Propeller Progressive Phase III



End

End

End

Description of Work:

1. Tach: 1121.7, Prop SMOH: 1121.7.
2. Inspected propeller blades for visual damage. None noted.
3. The systems affected were operationally tested with no discrepancies noted.
4. All work was performed i/a/w manufacturer's service instructions and AC43.13.1B.
5. I certify that this Propeller has been inspected i/a/w Cirrus Progressive inspection PHASE III and determined to be in airworthy condition. End

Cornerstone Aviation.

113 Perimeter Rd Nashua, NH 03063

Date: 3/25/2020

N

N531SR

Hrs.:

FLT HOBBS: 4462.6

Tech: Jeff Hill

A&P:

3207556

Sign:

Propeller Phase II



End

End

Description of Work:

1. Tach: 4462.6, Prop SMOH: 1173.0.
2. Inspected propeller blades, hub and deice boots for condition.
3. Inspected spinner, bulkhead assy and deice slinger for condition.
4. Checked blades for track.
5. Greased propeller hub.
6. The systems affected were operationally tested with no discrepancies noted.
7. All work was performed i/a/w manufacturer's service instructions and AC43.13.1B.
8. I certify that this Propeller has been inspected i/a/w Cirrus Progressive inspection PHASE II, IV, V, ANNUAL and determined to be in airworthy condition. End

End

End



wo: AX001379

Propeller - page 1 of 1



Air Bear Aviation, Inc. · 191 Old Burley Street · Danvers, MA 01923 · (978) 914-3138

N531SR
TACH: 4497.0

Hartzell, PHC-J3YF-1N/N76055B, S/N: FP6404B
TSO: 1208.0

March 1, 2021

1. Complied with an annual inspection in accordance with the Cirrus SR22 AMM checklist. Reviewed ADs and checked for compliance thru biweekly issue 2021-04.
2. Dressed propeller blades, touched up black face paint, and lubricated the propeller hub per manual 115N.

With respect to the work performed, this propeller is approved for return to service. Details of work performed are on file with Air Bear Aviation, Inc. under work order: AX001379.

I certify that this aircraft has been inspected IAW an annual inspection and was found to be in airworthy condition.

Dylan Peters A&P IA 3801823

Date: 7/7/22

Tach: 4537.3

San Martin Aviation Corp.
13025 Murphy Ave.
San Martin, CA 95046

Tail: N531SR
M/N: PHC-J3Y-1N
S/N: FP6404B

Inspected propeller blades and hub for future issuance of a ferry permit. This propeller is in airworthy condition.

A&P # 3606960IA

-	Propeller	A/C.	Description of all operations	
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Airdialog LLC. *N531SR* *Propellor Logbook*


is Directives,
and Inspections.

Propeller Model: N7605 S/N: FY3103 TT Hobbs: 4537.8

Effective this date, This Aircraft will no longer be operating on Airdialog LLC FAA approved Part 135 Air Carrier Certificate No. L41A034L and is now being maintained by 91.409

Signature *Edward Jerin*
Edward Jerin
Director of Maintenance
Airdialog LLC.

Date: May 17, 2022
Cert # L41A034L

wo: AX002390		Propeller - page 1 of 1
Air Bear Aviation, Inc. · 191 Old Burley Street · Danvers, MA 01923 · 254-258-7073		
N531SR	Hartzell, PHC-J3YF-1N/N76055B, S/N: FP6404B	January 04, 2023
Flight Hobbs: 4555.0	PSMOH: 22.1	
<ol style="list-style-type: none"> 1. Complied with an annual inspection in accordance with the Cirrus SR22 AMM checklist. Reviewed ADs and checked for compliance thru biweekly issue 2022-27. 2. Dressed propeller blades, touched up black face paint, and lubricated the propeller hub per manual 115N. 		
With respect to the work performed, this propeller is approved for return to service. Details of work performed are on file with Air Bear Aviation, Inc. under work order: AX002390.		
I certify that this propeller has been inspected IAW an ANNUAL inspection and is found to be in airworthy condition at this time.		
Thomas Bear A&P 2657047 IA	