FAA Approved
Manual No. 115N
61-00-15
Revision 16
October 2009

Propeller Owner's Manual
and Logbook

"Compact" Models with Aluminum Blades

Constant Speed, Non-Counterweighted
( )HC - ( )( )Y( ) - 1( )

Constant Speed, Counterweighted
( )HC - ( )( )Y( ) - 4( )

Constant Speed and Feathering
( )HC - ( )( )Y( ) - 2( )

Constant Speed and Feathering, Turbine
( )HC - ( )( )Y( ) - 5( )

Hartzell Propeller Inc.
One Propeller Place
Piqua, OH 45356-2634 U.S.A.
Ph: 937-778-4200 (Hartzell Propeller Inc.)
Ph: 937-778-4379 (Product Support)
Product Support Fax: 937-778-4391

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Hartzell Propeller
Manual No. 115 N

PROPELLER MAINTENANCE RECORD

~~PNE~~ LEFT ENGINE

Hub Model ~~PCH~~ - L34F-1RF

Blade Design F8468A-6R

Diameter _____

Hub Ser. No. FD 152A

Blade Ser. Nos. _____

No. 1 H92072

No. 2 H92075

No. 3 H92071

No. 4 _____

PITCH RANGE

High 33.0°/33.3° Low 11.5°

Feather _____ Reverse _____

Governor Model _____

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

te 11/27/96
W/O# 17146

WOODLAND AVIATION INC

Propeller Logbook Entry

[redacted]

Watts Woodland Airport, Woodland, CA 95695

AIRCRAFT: N 9530R
S/N D-6077

Tach Time 2605
TTAF
Prp TSN 0.0
Prp TSO

Installed this new propeller Hartzell ~~PCH~~ PHC-L3YF-1RF S/N F8468A-6R on Beechcraft Bonanza N9530R Model K35 S/N D-6077. Complied with a propeller dynamic balance final balance at .08 ips.

The Aircraft and/or component identified above was repaired and inspected IAW FAA regulations and was found airworthy to return t[redacted] the repair are on file at this agency: Signed:

January 23, 2006: Beech K-35, N9530R. Propeller Hartzell ~~PCH~~ PHC-L3YF-1RF/F8468A-6R, ser# FD152A. TACH TIME 2797.3 hrs. ACFT. TOTAL TIME 5237.2 hrs. Propeller TOTAL TIME 192.3 hrs. 100 hr inspection completed this date. WORK ORDER # 5616.

BARBER AVIATION

[redacted]

[redacted]

Hartzell Propeller Products
Manual No. 115 N

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
3/15/07	2887.3	I Certify that this Propeller	
TT Prop	282.3	Has been inspected in accordance	
TTAF	5327.2	With annual inspection and was	
		Determined to be in Airworthy	
		[redacted]	
3/16/08	2912.3	I Certify that this Propeller	
TT Prop	307.3	has been inspected in accordance	
TTAF	5352.2	With an annual inspection and was	
		determined to be [redacted]	
7-13-10	2944.5	Removed Spinner, Inspected	
TT Prop	339.5	propeller for nicks and	
TTAF	5384.4	leaks none found Reinstalled	
		Spinner. See AD [redacted] dated	
		7-16-10. [redacted]	

Hartzell Prop
Manual No. 1

DESCRIPTION O
PERTAINING TO AIRW
SERVICE BULLETIN
& MINOR A

DATE	TACH TIME	D

W/O: 2601
Tach: 2983.63
Model: K35
TT Prop: 378.63
5,423.53

Aviation Research Systems
Repair Station [redacted]
Sandy Ri

TTA/F: 5,

der was accomplished and
regulations and is approved
formed are on file at this repair
een inspected in accordance with
05-31-11(researched Aviation Da
END

HC-L3YF-1R F Hub Serial# FD152A Sandy OR 97055
r the work requested by the owner and described on listed work order w
ce with manufacturer's specifications and current Federal Aviation regu
ith respect to the work performed. Pertinent details of the work performe
der # 2601 dated 06-15-11.I hereby certify that this propeller has been in
d was determined to be in airworthy condition. AD researched thru 05-3
log books.

for Aviation Research Systems
Repair Station [redacted]

DATE: June 15, 2011
N#: N9530R
Serial# D-6077
Propeller: Hartzell PHC-L
This certifies that only the
inspected in accordance w
for return to service with re
station under work order #
Annual Inspection and wa

W/O: 2737
Tach: 3090.38

Aviation Research Systems

tzell Propeller Products
nual No. 115 N

RIPTION OF ALL OPERATIONS
TO AIRWORTHINESS DIRECTIVES,
BULLETINS, SERVICE LETTERS,
MINOR ADJUSTMENTS

DESCRIPTION OF WORK	SIGNATURE
I Certify that this Propeller has been inspected in accordance with annual inspection and was determined to be in Airworthy condition. This date Each! [redacted]	
I Certify that this Propeller has been inspected in accordance with an annual inspection and was determined to be in Airworthy Condition this date and [redacted]	
Removed Spinner, Inspected Propeller for nicks and nicks none found Reinstalled Spinner. See AD list dated 16-10 [redacted]	

Hartzell Propeller Products
Manual No. 115 N

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
DATE: June 15, 2011 N#: N9530R Serial# D-6077 Propeller: Hartzell PHC-L3YF-1R F Hub Serial# FD152A Sandy OR 97055 This certifies that only the work requested by the owner and described on listed work order was accomplished and inspected in accordance with manufacturer's specifications and current Federal Aviation regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under work order # 2601 dated 06-15-11.I hereby certify that this propeller has been inspected in accordance with Annual Inspection and was determined to be in airworthy condition. AD researched thru 05-31-11(researched Aviation Data Source, Inc.). AD books. _____END_____ _____for Aviation Research Systems Repair Station [redacted]	W/O: 2601 Tach: 2983.63 Model: K35 TT Prop: 378.63 TTA/F: 5,423.53	Aviation Research Systems Repair Station [redacted] Sandy River Airport	
DATE: July 02, 2012 N#: N9530R Serial# D-6077 Propeller:Hartzell PHCL3YF1R F Hub Serial# FD152A Sandy OR 97055 This certifies that only the work requested by the owner and described on listed work order was accomplished and inspected in accordance with manufacturer's specifications & current Federal Aviation regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under work order # 2737 dated 07-02-12. Performed Annual Inspection. I hereby certify that this propeller has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. AD researched thru 06-22-12 (researched in aircraft log books. _____END_____ _____for Aviation Research Systems Repair Station [redacted]	W/O: 2737 Tach: 3090.38 Model: K35 TT Prop: 485.38 TTA/F: 5,516.38	Aviation Research Systems Repair Station [redacted] Sandy River Airport	
DATE: June 28, 2013 N#: N9530R Serial# D-6077 Propeller: Hartzell PHC-L3YF-1R F Hub Serial# FD152A This certifies that only the work requested by the owner and described on listed work order was accomplished and inspected in accordance with manufacturer's specifications & current Federal Aviation regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under work order # 2759 dated 06-28-13. I hereby certify that this propeller has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. AD researched thru 06-11-13 (researched Aviation Data Source, Inc.). AD _____END_____ _____for Aviation Research Systems Repair Station [redacted]	W/O: 2759 Tach: 3,187.87 Model: K35 TT Prop: 582.87 TTA/F: 5,613.87	Aviation Research Systems Repair Station [redacted] Sandy OR 97055	

DATE: July 2, 2014
N#: N9530R
Serial# D-6077

Aviation Research Systems
Repair Station [redacted]
Sandy Riv[redacted]
Sandy OR 97055

TTA/F: 5,672.30

W/O: 2783
Tach: 3,246.3
Model: K35

Propeller: Hartzell PHC-L3YF-1R F Hub Serial# FD152A

TT Prop: 641.30

This certifies that only the work requested by the owner and described on listed work order was accomplished and inspected in accordance with manufacturer's specifications & current Federal Aviation regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under work order # 2783 dated 07-02-14. Performed Annual Inspection using 100 Hour Annual Inspection Guide Form # 299 dated 07/01/14. I hereby certify that this propeller has been inspected in accordance with an Annual Inspection and was determined to be in [redacted] ed thru 07-01-14 (05/23/14 researched Aviation Data Source, Inc.). AD listed in aircraft log

----------END----------

[redacted] for Aviation Research Systems
Repair Station # [redacted]

DATE: March 26, 2015
N#: N9530R
Serial# D-6077
Model: K35

Aviation Research Systems
Repair Station [redacted]
Sandy Riv[redacted]
Sandy OR 97055

W/O: 2800
Tach: 3,278.20
TTA/F: 5,704.20

Propeller: Hartzell PHC-L3YF-1R F Hub Serial# FD152A

TT Prop: 673.20

This certifies that only the work requested by the owner and described on listed work order was accomplished and inspected in accordance with manufacturer's specifications & current Federal Aviation regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under work order # 2800 dated 03-26-15. Performed Annual Inspection IAW 100 Hour Annual Insp. Guide# 299 dated 03-26-15. I hereby certify that this propeller has been inspected in accordance with [redacted] determined to be in airworthy condition. AD researched thru 03-26-15 (researched [redacted] D listed in aircraft logbooks.----------END----------

[redacted] for Aviation Research Systems
Repair Station [redacted]

DATE: 04-08-16
N#: N9530R
Serial# D-6077

Aviation Research Systems
Repair Station [redacted]
Sandy River Airport
Sandy OR 97055

W/O: 2835
Tach: 3,415.10
Model: K35
TTA/F: 5,841.10
TT Prop: 810.10

Propeller: Hartzell PHC-L3YF-1R F Hub Serial# FD152A

This certifies that only the work requested by the owner and described on listed work order was accomplished and inspected in accordance with manufacturer's specifications & current Federal Aviation regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under work order # 2835 dated 04-08-16. Performed Annual Inspection IAW 100 Hour Annual Insp. Guide# 299 dated 04-08-16.. I hereby certify that this propeller has been inspected in accordance with an Annual Inspection and was determined to be in airworthy condition. AD researched thru 04-01-16 (researched [redacted] listed in aircraft logbooks----------.----------END----------

[redacted] for Aviation Research Systems
Repair Station [redacted]

DATE: 05-03-17
N#: N9530R
Model: K35
Serial# D-6077

Aviation Research Systems
Repair Station [redacted]
Sandy River [redacted]
Sandy OR 97055

W/O: 2851
TTA/F: 5,944.59
Tach: 3,518.59
TT Eng: 5,944.59
TT Prop: 913.59

Propeller: Hartzell PHC-L3YF-1R F Hub Serial# FD152A

This certifies that only the work requested by the owner and described on listed work order was accomplished and inspected in accordance with manufacturer's specifications & current Federal Aviation regulations and is approved for return to service with respect to the work performed. Pertinent details of the work performed are on file at this repair station under work order # 2851 dated 05-03-17.I hereby certify that this propeller has been inspected in accordance with an Annual Inspection and was determined [redacted] ned thru 04-25-17 (researched Aviation Data Source, Inc.). AD listed in aircraft log books.

----------END----------

[redacted] for Aviation Research Systems
Repair Station [redacted]

Hartzell Propeller Products
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Hartzell Propeller Products
Manual No. 115 N

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

DATE	DESCRIPTION OF WORK	SIGNATURE
6/1/2018	Advanced Aircraft Services, LLC. [redacted] N9530R Beech Model: K35 Serial: D-6077 Hartzell Model: PHC-L3YF-1RF Serial: FD152A Tach 3618.3 TT 1013.3 TSPOH N/A *Accomplished the following work:* 100 Hour inspection was completed at this time using a check list that meets or exceeds FAR 43 appendix D. Dressed leading edges and painted back side of blades. Inspected spinner and bulkhead assy. Researched AD's thru May 30, 2018. *Accomplished the following Airworthiness Directives.* NO Propeller AD's complied with at this time. [redacted] und to be in an Airworthy Condition.	
7/17/2019	Advanced Aircraft Services, LLC. [redacted] N9530R Beech Model: K35 Serial: D-6077 Hartzell Model: PHC-L3YF-1RF Serial: FD152A Tach 3735.7 TT 1130.7 TSPOH N/A *Accomplished the following work:* 100 Hour inspection was completed at this time using a check list that meets or exceeds FAR 43 appendix D. Dressed leading edges and painted back side of blades. Inspected spinner and bulkhead assy. Researched AD's thru July 15, 2019. *Accomplished the following Airworthiness Directives.* NO Propeller AD's complied with at this time. This [redacted] ound to be in an Airworthy Condition.	
7/23/2020	Advanced Aircraft Services, LLC. [redacted] N9530R Beech Model: K35 Serial: D-6077 Hartzell Model: PHC-L3YF-1RF Serial: FD152A Tach 3782.0 TT 1177.0 TSPOH N/A *Accomplished the following work:* 100 Hour inspection was completed at this time using a check list that meets or exceeds FAR 43 appendix D. Dressed leading edges of propeller blades and inspected for condition and security. Inspected spinner and bulkhead assy. Researched AD's thru July 21, 2020. *Accomplished the following Airworthiness Directives.* NO Propeller AD's complied with at this time. [redacted] and has been found to be in an Airworthy Condition.	
8/24/2021	Advanced Aircraft Services, LLC. [redacted] N9530R Beech Model: K35 Serial: D-6077 Hartzell Model: PHC-L3YF-1RF Serial: FD152A Tach 3858.7 TT 1253.7 TSPOH N/A *Accomplished the following work:* 100 Hour inspection was completed at this time using a check list that meets or exceeds FAR 43 appendix D. Dressed leading edges of propeller blades and inspected for condition and security. Inspected spinner and bulkhead assy. Researched AD's thru Aug. 23, 2021. *Accomplished the following Airworthiness Directives.* NO Propeller AD's complied with at this time. This A [redacted] und to be in an Airworthy Condition.	