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MAINTENANCE
RECORDKEEPING
SYSTEM

**PROPELLER
MAINTENANCE
RECORDS**

PROPELLER MAINTENANCE RECORDS

Log No. A

Aircraft Registration No. N2507S

Propeller Manufacturer Hartzell

Hub Model HC-H34F-1RF/F7693DF

Blade Design No. F7693DF

Hub Serial No. ~~LX149B~~ LX714B

Blade Serial No's.

- 1. K28232
- 2. K28230
- 3. K28231
- 4. _____

Pitch Range:

High 42.5/42.7 Low 16.5/16.6

Feather _____ Reverse _____

Governor Manufacturer McCawley

Model No. ~~223003~~ N1143 20309-39

Serial No. ~~050877~~ 146118

Date installed on aircraft ~~10-26-05~~ 04/06/17

Time Between Overhauls (TBO) 2400 Hours

If used on multi-engine aircraft:


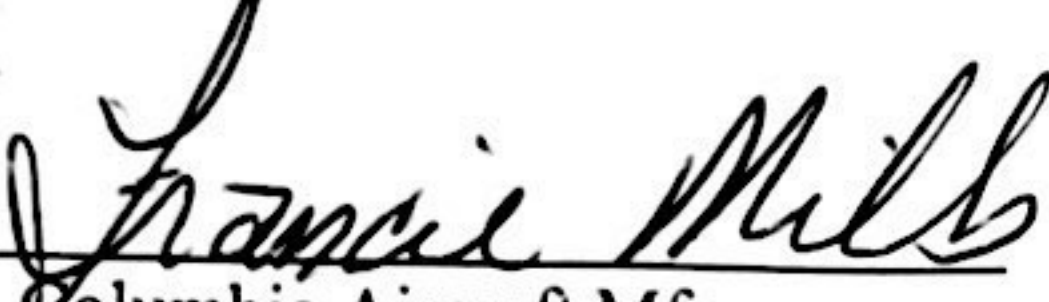

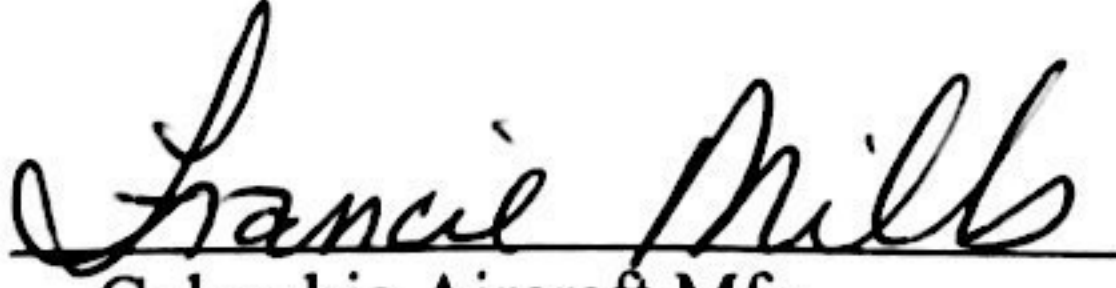
- Right Left
- Front Rear

(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

www.adlog.com
PO BOX 1359 / SOUTHOLD, NY 11971-0965
(631) 765-9375
1-800-235-6444
FAX: (631) 765-9359

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
10-31-05	0	0	0	 This propeller S/N LX149B installed on LC41-550FG S/N 41567 at time of aircraft manufacture.  Columbia Aircraft Mfg.
12-14-05	0	0	0	 This propeller has been dynamically balanced per the Microvibe user's manual and Document SA600001 Rev B.  Columbia Aircraft Mfg.
	0	0	0	SUB-TOTALS this page
	0	0	0	TOTALS -Carry forward to next page

Aerospace Systems & Technologies Inc.

2734 Arnold Ct. Salina, KS 67401 Tel: (785) 493-0946

N2507S

16 JAN 2008

Make: Columbia

Model: LC41-550FG

S/N: 41567

TACH: 598.3

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME

Installed TKS Deicing System IAW STC SA01435WI; Manufactures drawings #12200-DL Rev 2 dated 11/21/06; installation manual; FAA AC43.13. Revised AC weight and balance this date. Filed Form 337 Alteration with FAA. Updated the POH by adding TKS supplement. Instructions for continued airworthiness are found in the current revision of the following manuals: maintenance section of the AFM supplement, TKS general practices manual 30-09-46 dated 2/10/85, ice protection installation manual #12253-01 dated 6/30/07, and drawing 12200-DL, rev 2 dated 11/21/06.
Dynamically balanced prop IAW mfg recommendations and procedures. AC contains caution placard and is not approved for flight into know icing conditions.

Charles Cottrell
CHARLES COTTRELL AP3170825

PROP MODEL:
PROP S/N:
REG. NO: 2507S
WORK ORDER: 7975



Lincoln Park Aviation

Repair Station No. LKPR101K
425 Beaverbrook Road
Lincoln Park, NJ 07035
Phone: 973-633-0450

DATE: 8/5/2008
A/C TSN: 711.5
PROP TT:
HOBBS: 711.5

Prop Entries

(3) ANNUAL/PROP -inspected propeller in accordance with 100/annual inspection.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 8/5/2008

SIGNED:

Frank R Galella
Frank R Galella
Certified Repair Station No. LKPR101K

Inspector 2

Work Order: 7975

Printed by EBis 3 (datcomedia.com)

PROP MODEL:
PROP S/N:
REG. NO: 2507S
WORK ORDER: 8469



Lincoln Park Aviation

425 Beaverbrook Road
Lincoln Park, NJ 07035
Phone: 973-633-0450

DATE: 6/19/2009
A/C TSN: 890.6
PROP TT:
HOBBS: 890.6

Prop Entries

(3) ANNUAL/PROP -inspected propeller in accordance with 100/annual inspection.

The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.

DATE: 6/19/2009

SIGNED:

Frank R Galella
Frank R Galella




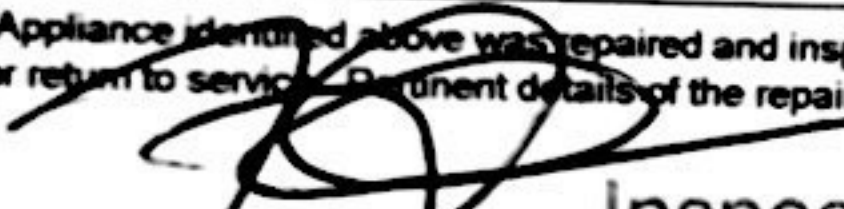


Inspector 2

Work Order: 8469

Printed by EBis 3 (datcomedia.com)

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DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
PROP MODEL: PROP S/N: REG. NO. 2507S WORK ORDER: 9052		Lincoln Park Aviation Repair Station No. LKPR101K 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450		DATE: 6/28/2010 AC TSN: 1061.2 PROP TT: HOBBS: 1061.2
Prop Entries				
(3) ANNUAL/PROP - Inspected propeller in accordance with 100/annual inspection.				
The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.				
DATE: 6/28/2010	SIGNED:	 Inspector 2		Work Order: 9052 Printed by EBis 3 (datcomedia.com)
PROP MODEL: PROP S/N: REG. NO. 2507S WORK ORDER: 9437		Lincoln Park Aviation Repair Station No. LKPR101K 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450		DATE: 6/20/2011 AC TSN: PROP TT: HOBBS: 1197.8
Prop Entries				
(3) ANNUAL/PROP - Inspected propeller in accordance with 100/annual inspection... (20) REPOSITIONED PROP HEATER WIRES TO PREVENT CHAFING OF SPINNER... (23) COMPLIED WITH DYNAMIC PROPELLER BALANCE. START .42 IPS, FINISH .02 IPS.				
The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.				
DATE: 6/20/2011	SIGNED:	 Inspector 2		Work Order: 9437 Printed by EBis 3 (datcomedia.com)
PROP MODEL: PROP S/N: REG. NO. 2507S WORK ORDER: 9879		Lincoln Park Aviation Repair Station No. LKPR101K 425 Beaverbrook Road Lincoln Park, NJ 07035 Phone: 973-633-0450		DATE: 7/23/2012 AC TSN: 1350.5 PROP TT: HOBBS: 1350.5
Prop Entries				
(3) ANNUAL/PROP - INSPECTED PROPELLER IN ACCORDANCE WITH 100/ANNUAL INSPECTION				
The Aircraft, Airframe, Aircraft Engine, Propeller or Appliance identified above was repaired and inspected in accordance with current regulations of the Federal Aviation Administration and is Approved for return to service. Pertinent details of the repair are on file at this repair station under work order listed below.				
DATE: 7/23/2012	SIGNED:	 INSPECTOR #2 FRG III		Work Order: 9879 Printed by EBis 3 (datcomedia.com)

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MAINTENANCE RELEASE

DATE

TC
TI
SEP

Part No: HC-H3YF-1RF F7693DF Description: HARTZELL PROPELLER Serial No: LX149B

was REPAIRED (describe) Removed cylinder, flushed for contamination, resealed cylinder, checked Angles & track.

OVERHAULED per the following documents (include revision levels):

Manuals _____
Service Bulletins THIS IS NOT AN OVERHAUL
Service Letters AND CANNOT BE CONSIDERED AS SUCH
Service Instructions _____
Service Advisories _____

The following Airworthiness Directives have been complied with:

A.D. Method of Compliance: Recurs at: Date or Hours

Time Since New: Brought forward Time Since Overhaul/Major: N/A

The item(s) identified above were repaired or overhauled (as indicated) and inspected in accordance with current FAA regulations and are approved for return to service. Pertinent details of this repair or overhaul are on file at

this repair station under work order # L24880

Date July 16, 2013

Signed

For Repair Station #QV9R194N

SENENICH PROPELLER SERVICE, INC.

519 East Airport Road, Lititz, PA 17543

FORM 004

7/16/13 BR FOR

MAINTENANCE RELEASE

Part No: C290D3R/T43 Description: McCAULEY GOVERNOR Serial No: 050877

was REPAIRED (describe)

OVERHAULED per the following documents (include revision levels):

Manuals 780401 R8, MPC26 R2
Service Bulletins THRU 266
Service Letters THRU 2013-1
Service Instructions N/A
Service Advisories N/A

The following Airworthiness Directives have been complied with:

A.D. Method of Compliance: Recurs at: Date or Hours

Time Since New: Brought forward Time Since Overhaul/Major: -0-

The item(s) identified above were repaired or overhauled (as indicated) and inspected in accordance with current FAA regulations and are approved for return to service. Pertinent details of this repair or overhaul are on file at

this repair station under work order # L24881

Date July 23, 2013

Signed

For Repair Station #QV9R194N

SENENICH PROPELLER SERVICE, INC.

519 East Airport Road, Lititz, PA 17543

FORM 004

PROP MODEL
HC-H3YF-1RF/F7693DF
PROP S/N: LX149B
REG. NO: 2507S
WORK ORDER: 10244

Prop Entries

(3) ANNUAL/PROP - INS
REMOVED PROPELLER
REMOVE PROPELLER

The Aircraft, Airframe, A
Federal Aviation Admini
below.

DATE: 8/6/2013

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AERO INDUSTRIES . INC
5745 HUNTSMAN RD .
RICHMOND INTL AIRPORT
VA . 23250 -2411

DATE -- 5 AUGUST 2014
MAKE -- HARTZELL
M/N -- HC-H3YF--1RF
S/N - LX149B
REG. # **N2507S**
HOBBS: **1677.2**

ENTER IN : PROPELLER RECORD

Complied with the following in accordance with Cessna 400 AMM unless otherwise noted: Preliminary inspection accomplished per Aero Industries, Inc. Form 005. Dressed nicks on propeller blades per AMM and Hartzell Propeller Manual 115N. Complied with propeller hub lubrication per Manual 115N. All applicable AD's are current and compliance records are amended to reflect current data. Complied with all leak and operational checks associated with the annual inspection and repairs, all items checked satisfactorily. The maintenance described above was inspected and repaired in accordance with current technical data and FAA Regulations and with respect to the work performed, the aircraft is approved for return to service. **In addition to the above repairs, I certify this aircraft was inspected in accordance with the Cessna 400 AMM Chapter 5-20-00 Inspection Checklist for an Annual Inspection and was determined to be in airworthy condition. Details of this inspection and/or repairs above are on file at this repair station under Work Order No. 58802. Complied with final Inspection for work accomplished under this work order. Aircraft Total Time: 1677.2 Hours**

Signature: *Edward Bell* CRS Certificate No: BIER466C
Chief Inspector

Reg. No. - **N2507S Hartzell Model HC-H3YF-1RF S/N LX714B**

Date **6/6/2017**

This Propeller has been inspected in accordance with a **Annual/100 Hour Inspection** and determined to be in airworthy condition at this time. Complied with Inspection checklist as per Appendix D to Part 43 and Cessna LC41-550FG Maintenance Manual Revision 5. For AD compliance see AD listing.

Hobbs:	1723.6
TSN:	0.0

Removed Propeller Model HC-H3YF-1RF, S/N LX149B, installed factory new Hartzell HC-H3YF-1RF, S/N LX714B. Engine run and leak check good.

Flight Sport Aviation, LLC
Anthony Bell A&P, IA



Authorized Signature *Anthony Bell*
A&P21456131A

Date: June 15, 2018

N23TW

Propeller

Hobbs: 1793.5

Installed three new deice boots, repaired prop deice wiring at firewall. Dressed and painted prop blades and checked dynamic balance at .09 IPS.

Mark Ulschmid

A&P3507088

Mark Ulschmid

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				TOTALS brought forward from previous page

Date: Dec. 12, 2018

N23TW

Propeller

Hobbs: 1833.5

Prop TT: 109.9

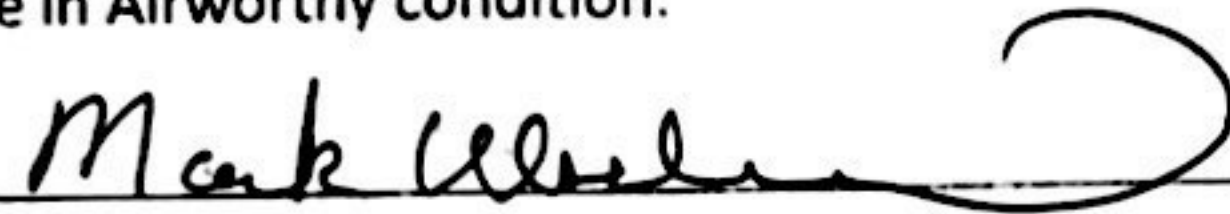
Dressed and painted blades, tested deice components, inspected spinner and backplate, greased prop hub.

See separate AD list for current compliance.

I certify that this Propeller has been inspected in accordance with a 100 Hour inspection and was determined to be in Airworthy condition.

Mark Ulschmid

A&P3507088



Date: Feb. 1, 2020

N2570S

Propeller

Hobbs: 1951.9

Prop TT: 228.3

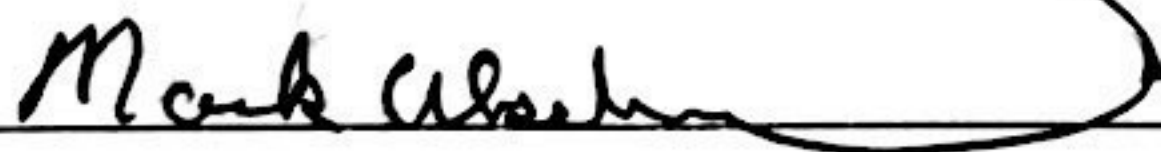
Dressed and painted blades, installed new deice boot retaining straps, inspected spinner and backplate, tested deice components.

See separate AD list for current compliance.

I certify that this Propeller has been inspected in accordance with a 100 Hour inspection and was determined to be in Airworthy condition.

Mark Ulschmid

A&P3507088



Columbia N2507S February 3, 2021 Hobbs: 2,083.8 Hours Engine SMOH: 557.5. Propeller Time Since New: 360.2 Disassembled as needed to inspect the aircraft in accordance with the inspection checklist found in the Cessna Columbia 400 Service Manual. Researched AD's through Bi-Weekly 2021-03 Inspected propeller, greased hub. I certify that this Propeller has been inspected in accordance with a 100 Hour Inspection and has been found to be in an airworthy condition.



Charles A. Kemper
3470895 IA

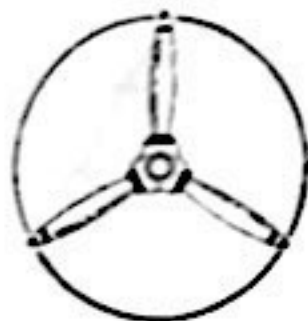
DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
TOTALS brought forward from previous page				
Queen Bee Air Specialties Inc 162 North Yellowstone Highway, STE 1 Rigby, ID 83442				
Tail Number	N2507S	Hobbs	2106.9	Tach
Date 22-Apr-21				
Found knick on propeller blade Dressed blade IAW AC 43.13-1B chapter 8, section 4, paragraphs 8-73 and 8-74				
Name	Joseph Petersen	Certificate #	3834491 A&P	Signature <i>Joseph Petersen</i>

Columbia N2507S March 21, 2022 Hobbs: 2,176.6 Hours Engine SMOH: 650.3; Propeller Time Since New: 453.0 Disassembled aircraft as needed to inspect the airframe in accordance with the inspection checklist found in the Cessna Columbia 400 Service Manual. Researched AD's through Bi-Weekly 2022-06. Inspected propeller, greased hub. I certify that this Propeller has been inspected in accordance with a 100 Hour Inspection and has been found to be in an airworthy condition.


Charles A. Kemper
 3470895 IA

N2507S Hobbs:2186.5 hours. Engine SMOH 660.2 Propeller since new: 462.9 hours Date: 4/27/2022
 Removed propeller M/N: HC-H3YF-1RF/F7693DF S/N:LX714B and propeller governor M/N20309-39 S/N 140118, sent off for cleaning and inspection per engine overhaul.

Name: Adam F. Rhodes Certificate #4372531 A&P Signature: *Adam F. Rhodes*



PRECISION PROPELLER SERVICE
 4777 W AERONCA ST. BOISE, IDAHO U.S.A. 208-344-5161

Make: **Hartzell** Model: **HC-H3YF-1RF** S/N: **LX714B** TT: **462.9** TSOH: **Not provided**

DESCRIPTION OF WORK ACCOMPLISHED

Disassembled prop and cleaned all parts. Visually inspected for wear and damage. Installed new teflon tape on blade shanks. Reassembled prop with new seals. Connected de-ice leads and tested boots. Set angles, track, and balance. Safety wired. Complied with S/L 267, 293-R1, 354. **Blade model F7693DF. Blade S/N's L44566, L445689, L44567.**

PARTIAL MAINTENANCE RELEASE

Only the work requested by the customer has been performed on the part or parts identified hereon. The work and/or inspection has been done in accordance with current Federal Aviation Administration Regulations and was found to be airworthy. Pertinent details of the repair are on file at this repair station under Work Order No.: **41150** Dated: **20/May/2022**

Signature of authorized person *Kevin Kelly*
 F.A.A. CERTIFIED REPAIR STATION NO. FG6R375D

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DATE

TOTAL
TIME
IN
SERVICE

TOTAL
TIME
SINCE
OVERHAUL

TACH OR
RECORDING
METER
TIME

DESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

Columbia N2507S September 23, 2022 Hobbs: 2,186.5 Hours Engine SMOH: Zero (0.0); Propeller Time Since New: 462.9. Received overhauled engine from Western Skyways. Received propeller and governor from Precision Propeller following cleaning and inspection as there was metal in the oil of the previous engine installation. Installed the Hartzell propeller HC-H3YF-1RF/F7693DF S/N LX714B and Governor number 20309-39 S/N 140118. Researched ADs through 2022-19. I certify that this propeller has been inspected in accordance with a 100 Hour inspection and has been found to be in an airworthy condition.

Joseph G. Petersen
Joseph G. Petersen
3834491 A&P

N number: N2507S Hobbs: 2186.9

Tach:

Date: 11/ Oct /2022.

Performed propeller balance procedure using Chadwick Vibrex 2000 with "very good" results of .08 IPS.

Name: Joseph G Petersen

Certificate number: 3834491 A&P

signature:

Joseph G. Petersen

Columbia N2507S April 7, 2023 Hobbs: 2,220.6 Hours Engine SMOH: 14.1; Propeller Time Since New: 477.0 Disassembled aircraft as needed to inspect the airframe in accordance with the inspection checklist found in the Cessna Columbia 400 Service Manual. Researched AD's through Bi-Weekly 2023-07. Inspected propeller, greased hub. I certify that this Propeller has been inspected in accordance with a 100 Hour Inspection and has been found to be in an airworthy condition.

Charles A. Kemper
Charles A. Kemper
3470895 A&P/IA

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK

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