

HARTZELL

PROPELLER LOGBOOK

PROPELLER MODEL PHC-J33F-1N

PROPELLER S/N FP 6250R

N770CT

LOGBOOK # 1

PROPELLER MAINTENANCE RECORD

PITCH RANGE

Position one

Propeller Model PHC-J35F-1N

Propeller S/N FP16250B

Blade Design N7605B

Blade S/N's

No. 1 A1388

No. 2 A1385

No. 3 A1384

No. 4 _____

No. 5 _____

No. 6 _____

Spinner Assembly Part No. _____

High/Feather _____

Start Lock _____

Low _____

Reverse _____

Aircraft Manufacturer Cirrus Design


Aircraft Model SR22

S/N 2927

Registration N770CT

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

Date	Propeller		A/C Hrs
	TSN	TSO	
1-15-06	10	N/A	11

I have Dynamically Balanced Propeller IAW Hartzell
Propeller Owner's Manual 145 Rev. 4 Dated Dec. 2006
Section 61-00-45 on 1-15-06 (DATE).
The location of the Weight(s) are N/R degree
And are N/R gram(s).
 (Sign/Stamp)
PC 338CE
Cirrus Design Corporation,

12760 EAST CONTROL T
N770CT
14 March 2009
100 Hour Inspection for Annual
Inspected propeller hub and blades
Cirrus Model No. SR22, S/
Propeller normal. Rocky
No. FR6R545N, Tighten to s
ry. A

**AUTHORIZED RELEASE CERTIFICATE
FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG**

3. System Tracking Ref. No. 33116

5. Work Order, Contract, or Invoice Number: 33116

12. Status / Work: Repaired

11. Serial / Batch Number: FP6260B

1. Approving National Aviation Authority / Country: **FAA / UNITED STATES**

2. FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG
2865 Airport Drive, Erie, CO 80516 USA

4. Organization Name and Address: **Rocky Mountain Propellers, Inc. - EASA.145.4827**

8. Part Number: **PHC-J3YF-1N / N7605B**

9. Eligibility: **N/A**

10. Qty: **1**

7. Description: **Hartzell Propeller**

13. Remarks: **Repainted blade tip stripes per Hartzell Service Manual #135F, Rev. 15. This repair does not affect time since new.**

14. CFR 43.9 Return to Service: 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 under FAA FR6R545N and EASA Approval Number: EASA.145.4827

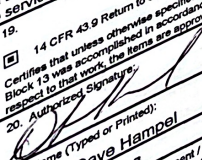
15. Notice: An Airworthiness Directive may apply to the article(s) described hereon. The installer is responsible for ensuring complete compliance with applicable Airworthiness Directives. Certifies that the work specified in block 12 / 13 was carried out in accordance with FAR Part-145 and EASA Part-145 to that work the component is considered ready for release to service under FAA FR6R545N and EASA Approval Number: EASA.145.4827

16. Approval / Authorization No.: _____

17. Date (month): **Mar 11, 2009**

18. Approval / Authorization No.: _____

19. Date (month): **Mar 11, 2009**

20. Authorized Signature: 

21. Approval / Certificate No.: **FR6R545N**

22. Name (Typed or Printed): **Dave Hampel**

23. Date (month): **Mar 11, 2009**

24. Other regulation specified in Block 13: Other regulation specified in Block 13

25. Name (Typed or Printed): _____

26. Date (month): _____

27. Name (Typed or Printed): _____

28. Date (month): _____

29. Name (Typed or Printed): _____

30. Date (month): _____

31. Name (Typed or Printed): _____

32. Date (month): _____

33. Name (Typed or Printed): _____

34. Date (month): _____

35. Name (Typed or Printed): _____

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40. Date (month): _____

41. Name (Typed or Printed): _____

42. Date (month): _____

43. Name (Typed or Printed): _____

44. Date (month): _____

45. Name (Typed or Printed): _____

46. Date (month): _____

47. Name (Typed or Printed): _____

48. Date (month): _____

49. Name (Typed or Printed): _____

50. Date (month): _____

NSN: 0952-00-012-9025

Page 1

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N770CT Hartzell **PHC-J3YF-1N/N7605B** **S/N: FP6260B**

14 March 2009

Flight Hobbs: 248.7

Hobbs: 298.1

100 Hour Inspection for Annual completed this date using the Cirrus SR22 Inspection Form as a guide. Inspected propeller hub and blades. Removed Hartzell propeller Model No. PHC-J3YF-1N, S/N: FP6260B from Cirrus Model No. SR22, S/N: 22-2927 for repainting of propeller tips by Rocky Mountain Propellers, operation of propeller normal. Reinstalled Hartzell propeller following repair by Rocky Mountain Propellers, CRS No. FR6R545N, W/O # 33116, dated 03-11-2009 using new O-ring seal. Propeller installation hardware tighten to specified torque and blade track checked. Ground run-up, leak and operational check satisfactory. AD's checked through Biweekly 2009-05. **I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

L. John Wells

L. John Wells A&P 3221132

w/o 27623

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N770CT Hartzell **PHC-J3YF-1N/N7605B** **S/N: FP6260B** **Total Time: 454.9**

17 September 2009

Flight Hobbs: 454.9

Hobbs Meter: 570.2

100 Hour Inspection completed this date using the Cirrus SR22 Maintenance Interval Inspection Form as a guide. Inspected propeller hub and blades. Cleaned blades and painted blade faces. **Hartzell Service Bulletin HC-ASB-61-306 (Blade Shank Cracks)** does not apply by propeller Serial Number. No further action required. AD's checked through Biweekly 2009-19. **I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 AND 200 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

Greg Sickafoose

Greg Sickafoose A&P 521652584

w/o 28387

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

Date	Propeller		A/C Hrs
	TSN	TSO	

ARAPAHOE AERO

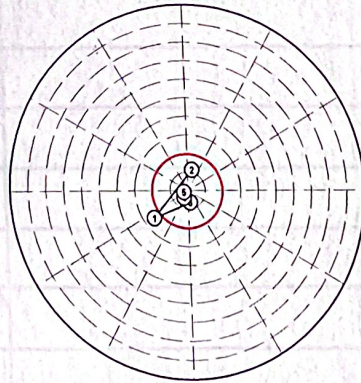
12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N770CT Hartzell PHC-J3YF-1N/N7605B S/N: FP6260B Total Time: 489.0
 5 April 2010 Flight Hobbs: 489.0 Hobbs Meter: 567.0
 100 Hour Inspection for Annual completed this date using the Cirrus SR22 Inspection Form as a guide.
 Cleaned and inspected propeller hub and blades. AD's checked through Biweekly 2010-07. **I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**
[Signature] Scott S. Fisher A&P 3290363 w/o 29055

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N770CT Hartzell PHC-J3YF-1N/N7605B S/N: FP6250B Total Time: 494.1
 8 April 2011 Flight Hobbs: 494.1 Hobbs Meter: 576.6 Calendar Time: 3 Years 3 Months
 100 Hour Inspection for Annual completed this date using the Cirrus SR22 Inspection Form as a guide.
 Inspected propeller hub for leakage and blade leading edges for stone nicks. AD's checked through Biweekly 2011-07. **I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**
[Signature] L. John Wells A&P 3221132 w/o 30352

ENG/PROP DYNAMICALLY BALANCED

--- POLAR PLOT - 1.0 IN/5 FS ---



Operator Comments

Performed a dynamic propeller balance IAW FAA APPROVED Hartzell Service Instruction #145 and Chadwick Helmut document AW 9511-2 dated 12 June 1990 using DSS Microvib II equipment and application note AN-MV2 Prop Rev. 00 1 July 2003. Initial IPS of .243 @ 2558 rpm reduced to .025 IPS @ 2557 rpm by installing AN hardware balance weight on spinner rear bulkhead. Jim Barker A&P 2755069 Aviation Resources 101 Airport Ave Hangar 7 Cumberland, WI 54829 Hangar: 715 822 5737 Cell: 715 491 1303 Email: jim@aviationvibes.com www.aviationvibes.com

N770CT Cirrus SR22 G3 TN 2927 507.3 Hrs

Cont/Hart 691499

Front

MicroVib II SN:1177 Cal:10/27/2010

Initial: 0.243 IN/S @ 2558.1 RPM Final: 0.025 IN/S @ 2556.6 RPM

Oper: _____

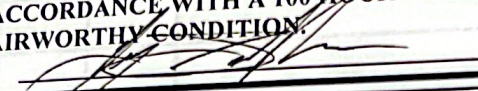
Date:08/14/2011

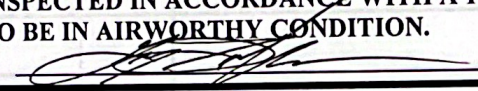
[Signature]

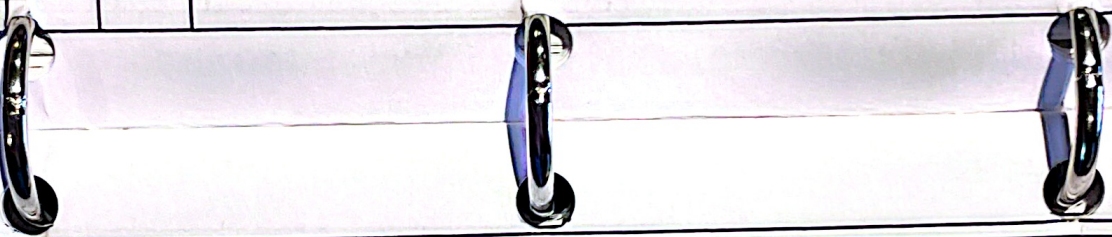
Jim Barker A&P 2755069


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

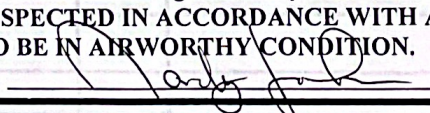
Date	Propeller		A/C Hrs
	TSN	TSO	

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N770CT Hartzell PHC-J3YF-1N/N7605B S/N: FP6250B Total Time: 526.0
 10 May 2012 Flight Hobbs: 526.0 Hobbs Meter: 618.2 Calendar Time: 4 Years 4 Months
 100 Hour Inspection for Annual completed this date using the Cirrus SR22 Inspection Form as a guide.
 Inspected propeller hub for leakage and blade leading edges for stone nicks. AD's checked through
 Biweekly 2012-09. **I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN
 ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED TO BE IN
 AIRWORTHY CONDITION.**

 Greg Sickafoose A&P 3443687 w/o 31811

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N770CT Hartzell PHC-J3YF-1N/N7605B S/N: FP6250B Total Time: 562.7
 1 June 2013 Flight Hobbs: 562.7 Hobbs Meter: 661.7 Calendar Time: 5 Years 5 Months
 100 Hour Inspection for Annual completed this date using the Cirrus SR22 Inspection Form as a guide.
 Inspected propeller hub for leakage. Cleaned and inspected blade leading edges for stone nicks and painted
 blade faces. Inspected blade de-ice boots and TKS system components for condition and security. AD's
 checked through Biweekly 2013-11. **I CERTIFY THAT THIS PROPELLER HAS BEEN
 INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED
 TO BE IN AIRWORTHY CONDITION.**

 Greg Sickafoose A&P 3443687 w/o 33159



ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N770CT Hartzell PHC-J3YF-1N/N7605B S/N: FP6250B Total Time: 591.7
 24 July 2014 Flight Hobbs: 591.7 Hobbs Meter: 697.8 Calendar Time: 6 Years 6 Months
 100 Hour Inspection for Annual completed this date using the Cirrus SR22 Inspection Form as a guide.
 Inspected propeller hub for leakage and blades for condition and security. Inspected blade leading edges
 for stone nicks and painted blade faces. Inspected blade de-ice boots and TKS system components for
 condition and security, no defects noted. AD's checked through Biweekly 2014-14. **I CERTIFY THAT
 THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR
 INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.**

 L. John Wells A&P 3221132 w/o 34546

ARAPAHOE AERO
 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
 N770CT Hartzell PHC-J3YF-1N/N7605B S/N: FP6250B Total Time: 614.2
 5 August 2015 Flight Hobbs: 614.2 Hobbs Meter: 726.8 Calendar Time: 7 Years 7 Months
 100 Hour Inspection for Annual completed this date using the Cirrus SR22 Inspection Form as a guide.
 Inspected propeller hub for leakage and blades for condition and security. Inspected blade leading edges
 for stone nicks and painted blade faces. Inspected blade de-ice boots and TKS system components for
 condition and security, no defects noted. Inspected spinner dome and bulkhead for condition and security.
 AD's checked through Biweekly 2015-15. **I CERTIFY THAT THIS PROPELLER HAS BEEN
 INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED
 TO BE IN AIRWORTHY CONDITION.**

 Randy Johnson A&P 3123186 w/o 35829

ARAPAHOE AERO

Date 12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N770CT Hartzell PHC-J3YF-1N/N7605B S/N: FP6250B Total Time: 627.4
16 August 2016 Flight Hobbs: 627.4 Hobbs Meter: 743.8 Calendar Time: 8 Years 7 Months
100 Hour Inspection for Annual completed this date using the Cirrus SR22 Inspection Form as a guide.
Inspected propeller hub for leakage and blades for condition and security. Inspected blade leading edges for
stone nicks and painted blade faces. Inspected blade de-ice boots and TKS system components for
condition and security, no defects noted. Inspected spinner dome and bulkhead for condition and security.
AD's checked through Biweekly 2016-17. I CERTIFY THAT THIS PROPELLER HAS BEEN
INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION AND WAS DETERMINED
TO BE IN AIRWORTHY CONDITION.
Randy Johnson A&P 3123186 w/o 37061

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N770CT Hartzell PHC-J3YF-1N/N7605B S/N: FP6250B Total Time: 0638.9
12 October 2017 Flight Hobbs: 0638.9 Hobbs Meter: 0758.8 Calendar Time: 9 Years 9 Months
100 Hour Inspection for Annual completed this date using the Cirrus SR22 Inspection Form as a guide.
Inspected propeller hub for leakage and blades for condition and security. Dressed leading edges of blades
and painted blade faces. Inspected blade de-ice boots and TKS system components for condition and
security, no defects noted. AD's checked through Biweekly 2017-20. I CERTIFY THAT THIS
PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION
AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
L. John Wells A&P 3221132 w/o 38356

ARAPAHOE AERO

12760 EAST CONTROL TOWER ROAD ENGLEWOOD, COLORADO 80112 (303) 799-8386
N770CT Hartzell PHC-J3YF-1N/N7605B S/N: FP6250B Total Time: 0646.5
04 January 2019 Flight Hobbs: 0646.5 Calendar Time: 11 Years 00 Months
100 Hour Inspection for Annual completed this date using the Cirrus SR22 Inspection Form as a guide.
Inspected propeller hub for leakage and blades for condition and security. Dressed leading edges of blades
and painted blade faces. AD's checked through Biweekly 2013-25. I CERTIFY THAT THIS
PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH A 100 HOUR INSPECTION
AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
L. John Wells A&P 3221132 w/o 39607

08/17/20 W/O 11394 N770CT TACH650.99 PROPELLER SNEW 650.9
I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HOUR
INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
MOUNTAIN VIEW AEROMOTIVE
20 FOXTROT TAXIWAY DEL NORTE CO 81132
719-589-9100

RONALD L ECORD
A&P1691976

10/07/21 W/O 11603 N770CT TACH 655.5 PROPELLER SNEW 655.5
I CERTIFY THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN 100 HOUR
INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.
MOUNTAIN VIEW AEROMOTIVE
20 FOXTROT TAXIWAY DEL NORTE CO 81132
719-589-9100

RONALD L ECORD
A&P1691976