

PROPELLER LOG BOOK
Compliments of



ROCKY MOUNTAIN
PROPELLERS, INC.

N4680N

L/H prop

Logbook #2

Propeller Maintenance Record

Propeller Model 3AF32C505-C

Propeller Serial Number 002690

Blade Design 82NEA-5.5

Blade Serial Number #1 UK66004

#2 UK66016

#3 UK66018

#4 _____

#5 _____

Date

Tach / Hobbs

Description of Work

1. Approving National Aviation Authority - Country FAA / UNITED STATES		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. System Tracking Ref No. 29784	
4. Organization Name and Address Rocky Mountain Propellers, Inc., 2865 Airport Drive, Erie, CO 80516 USA FAA FR6R545N - EASA.145.4827				5. Work Order, Contract, or Invoice Number: 29784		
6. Item	7. Description	8. Part Number	9. Eligibility:	10. Qty	11. Serial / Batch Number	12. Status / Work:
1	McCauley Propeller	3AF32C505-G / 82NEA-5.5	N / A	1	002690	Overhauled
13. Remarks Overhauled propeller in accordance with McCauley Service Manual #MPC500, Rev. 0. Complied with Service Letters thru 2005-9, Service Bulletins thru 227B, and AD's thru 83-13-06. Next Overhaul Due: 2000 hours, or 72 calendar months, whichever occurs first. Blade S/N's: UK66004, UK66016, UK66018 TSN: Unknown TSO: 0.0 A complete Description of work performed is on file at the above referenced organization under the work order and system tracking reference number indicated in blocks 3 and 5. Notice: An Airworthiness Directive may apply to the article(s) described hereon. The installer is responsible for ensuring complete compliance with any 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 and in respect to that work the component is considered ready for release to service under FAA FR6R545N and EASA Approval Number: EASA.145.4827*						
14. Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 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.			
15. Authorized Signature:		16. Approved / Authorization No.:		20. Authorized Signature:		21. Approved / Overhaul Ref No. FR6R545N
17. Name (Typed or Printed):		18. Date (mdy):		22. Name (Typed or Printed): Dave Hampel		23. Date (mdy): Jul 11, 2006
User / Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part / component / assembly. Where the user / installer performs work in accordance with the national regulations of an Airworthiness Authority different than the airworthiness authority of the country specified in block 1, it is essential that the user / installer insures that his / her airworthiness authority accepts parts / components / assemblies from the airworthiness authority of the country specified in block 1. Statements in block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user / installer before the aircraft may be flown.						

Date

Tach / Hobbs

Description of Work

L & D Aero Service, Inc. Chadron, NE

Reg: **N4680N** Make: **McCauley** Model: **3AF32C505-C** SN: **002690**

Hour Meter : **1930.8** TSOH: **0** TTSN: **1291.3**

Date: **7/29/06** Installed prop after OH by Rocky Mountain Propeller. Engine was test ran and checked for leaks and found ok.

Lester Mittleder
Lester Mittleder A&P 3120137

L & D Aero Service, Inc. Rapid City, SD

Reg: **N4680N** Make: **McCauley** Model: **3AF32C505-C** SN: **002690**

Hour Meter : **2055.8** TSOH: **125.0** TTSN: **1416.3**

Date: **2/2/07** Inspected and dressed prop. Tested deice and found ok. I certify that this propeller has been inspected IAW an annual inspection and determined airworthy. (End)

Lester Mittleder
Lester Mittleder IA 3120137

L & D Aero Service, Inc. Rapid City, SD

Reg: **N4680N** Make: **McCauley** Model: **3AF32C505-C** SN: **002690 (L)**

Hour Meter : **2155.5** TSOH: **224.7** TTSN: **1516.0**

Date: **6/20/07** Inspected and dressed prop. Tested deice and repaired chafed lead as required. I certify that this propeller has been inspected IAW an annual inspection and determined airworthy. (End)

Lester Mittleder
Lester Mittleder IA 3120137

Date

Tach / Hobbs

Description

1. Approving National Aviation Authority / Country FAA / UNITED STATES		2. AUTHORIZED FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. System Tracking Ref. No. 33091	
4. Organization Name and Address Rocky Mountain Propellers, Inc., 2865 Airport Drive, Erie, CO 80516 USA FAA FR6R545N - EASA.145.4827					5. Work Order, Contract, or Invoice Number: 33091	
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Qty:	11. Serial / Batch Number:	12. Status / Work:
1	McCauley Propeller	3AF32C505-C / 82NEA-5.5	N / A	1	002690	Repaired
13. Remarks: Resealed propeller per McCauley Service Manual #MPC500, Rev. 0. This repair does not affect time since last overhaul. Blade S/N's: UK66004, UK66016, UK66018 TSN: Unknown TSO: Unknown A complete Description of work performed is on file at the above referenced organization under the work order and system tracking reference number indicated in blocks 3 and 5. Notice: An Airworthiness Directive may apply to the article(s) described hereon. The installer is responsible for ensuring complete compliance with any 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 and in respect to that work the component is considered ready for release to service under FAA FR6R545N and EASA Approval Number: EASA.145.4827"						
14. Certifies the items described above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.			19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 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.			
15. Installation Signature:		16. Approval / Authorization No.:		20. Authorized Signature: 		21. Approval / Certificate No.: FR6R545N
17. Name (Typed or Printed):		18. Date (only):		22. Name (Typed or Printed): Dave Hampel		23. Date (only): Mar 09, 2009

User / Installer Responsibilities

It is important to understand that the existence of this document alone does not automatically constitute authority to install the part / component / assembly. Where the user / installer performs work in accordance with the national regulations of an Airworthiness Authority different than the airworthiness authority of the country specified in block 1, it is essential that the user / installer ensure that his / her airworthiness authority accepts parts / components / assemblies from the airworthiness authority of the country specified in block 1. Statements in block 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user / installer before the aircraft may fly.

Date

Cessna 414A

S/N 414A0070

Hobbs 2397.1

TTAF 9781.4

4/17/2009

4680N

left prop

McCauley

3AF32C505C

l/h prop 466.3

l/h prop tt 17526

Performed 100 hour inspection in accordance with Cessna 414A service manual and checklist and McCauley maintenance manual CMM500-1 chapter 5.

Removed propeller and sent to Rocky Mountain Propeller to have resealed. Installed propeller using new o-ring and hardware. Balanced l/h propeller with 18.4 grams at 195 degrees and 25.1 at 210 degrees final vibration is 0.06 at 346.

Josh Hartung AP2751095

Josh Hartung

4/17/2009

Cessna 414A

S/N 414A0070

Hobbs 2497.1

TTAF 9881.4

03/01/10

4680N

left prop

McCauley

3AF32C505C

l/h prop 566.3

l/h prop tt 1857.6

Performed annual inspection in accordance with Cessna 414A service manual and checklist and McCauley maintenance manual CMM500-1 chapter 5.

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

Josh Hartung AP2751095

Josh Hartung

03/01/2010

Date

Cessna 414A
S/N 414A0070
Hobbs 2598.3
TTAF 9982.6
10/26/10

4680N
left prop

McCauley
3AF32C505C
l/h prop 667.5
l/h prop tt 1958.8

Perform annual inspection in accordance with Cessna 414A service manual and checklist and McCauley maintenance manual CMM500-1 chapter 5.

Josh Hartung IA2751095

Josh Hartung

10/26/10

Cessna 414A
S/N 414A0070
Hobbs ~~2598.3~~ 2694.1
TTAF 10078.4
4/8/2011

4680N
left prop

McCauley
3AF32C505C
l/h prop 763.3
l/h prop tt 2054.6

Perform annual inspection in accordance with Cessna 414A service manual and checklist and McCauley maintenance manual CMM500-1 chapter 5.

Josh Hartung IA2751095

Josh Hartung

4/8/2011

8/7/12
Removed prop from left engine
4680N @ 1011 - @ 7

08/17/12
Overhauled Propeller in accordance with McCauley Manual
MPC 500, SPM 100 R04, BOM 100 R05 and 830415 Rev. 5.
Complied with McCauley Bulletins 137AE, 147 and 227B.
Complied with McCauley Service Letter 1989-2C and 2000-2.
Maxwell Aircraft Service, Inc.
Minneapolis, MN 55429
CRS# UF2R211L
Repair Order No. 117898

Camel E. Maxwell 2386511

8/17/12	2057.0 TT	
	-0- TSO	



GRAND FORKS INTERNATIONAL AIRPORT
2403 AIR CARGO DRIVE • GRAND FORKS, ND 58203

Powerplant Logbook Insert

Date: 8/29/2012; Aircraft: 4680N; Type: Cessna 414A; S/N: 414A0070; Hobbs: 83.7; Total Time: 10180.4; Engine 1 Type: , S/N:, Time: 314.1; Prop 1 Type: , S/N:, Time:; Engine 2, Type: , S/N:, Time:; Prop 2, Type: , S/N:, Time:; Work Done At - Airframe Time: 10180.4,, Engine Time: 314.1,

Reinstalled propeller on left engine of N4680N after overhaul, reconnected prop deice harnesses, installed spinners, ops and leak check good.

Joseph Berhow A&P3615698

Da

Kubick Aviation Services, Inc.

2300 Woodward Ave., Kingsford, MI 49802
Ph: 906-779-5500 Fax: 906-779-5526 Email: Info@KubickAviation.com

L/H PROPELLER LOG ENTRY N4680N

Date: 9/27/2013 Hobbs: 108.3 TTAF: 10211.9 L/HPropTT: 2188.2 L/HPropSMOH: 24.6

1. Balanced L/H propellers with ACES systems propeller balancer as needed.

I certify the aircraft and/or components identified hereon was repaired and inspected in accordance with the current Federal Air Regulation and was found airworthy for return to service. Pertinent details of the repair are on file at this agency. Work order No.: 3527

Signed



Chad Kubick APTA3244207

PROP MODEL (L):
3AF32C505C
PROP S/N (L): 002690
REG. NO: 4680N
WORK ORDER: 5427



Kubick Aviation Services, Inc.

Repair Station No. 2KAR596C
250 Riverhills Road
Kingsford, MI 49802
Phone: 906-779-5500

DATE: 4/14/2016
AC TSN: 10222.1
PROP TT (L): 2091.8
TSPOH (L): 34.8
HOBBS: 118.5

Left Prop Entries

(4) C/W an Annual Inspection on this Propeller this date.

Maintenance Release

This Propeller was inspected IAW an Annual Inspection and was repaired in accordance with current FARs rules of the Federal Aviation Regulations and was found Airworthy for return to service. Pertinent details of the repair are on file at this Repair Station under Work Order No. 5427, Dated 4/14/2016.

DATE: 4/14/2016

SIGNED:



Work Order: 5427

Date

Cessna 414A
S/N 414A0070
Hobbs 122.1
TTAF 10225.7
12/27/2016

4680N
left prop

McCauley
3AF32C505C
l/h prop 466.3

Performed 100 hour inspection in accordance with Cessna 414A service manual and checklist and McCauley maintenance manual CMM500-1 chapter 5.

Kent Hersey AP2460727 Kent Hersey 12/27/2016

137.3 Hobbs

Removed propeller from the left side of 414A 4680N s/n 0070. Sent Prop to Maxwell Aircraft Service for flush. Josh Hartung AP2751095

Cessna 414A
S/N 414A0070
Hobbs 122.1
TTAF 10225.7
12/1/2017

4680N
left prop

McCauley
3AF32C505C
l/h prop 466.3

Installed propeller onto left hand engine of Cessna 414A N4680N s/n 414A0070 after repair by Maxwell Aircraft Service, Inc. under cert #UF2R211L on wo# 121893

I certify that this propeller has been inspected in accordance with Cessna 414A service manual and checklist and found to be in an airworthy condition

Josh Hartung IA 2751095

Josh Hartung

12/1/2017

Cessna 414A
S/N 414A0070
Hobbs 229.1
TTAF 10332.7
5/15/2019

4680N
left prop

McCauley
3AF32C505C
l/h prop 573.3

I certify that this propeller has been inspected in accordance with Cessna 414A service manual and checklist and found to be in an airworthy condition

Josh Hartung IA 2751095

Josh Hartung

5/15/2019

Dat

Cessna 414A
S/N 414A0070
Hobbs 240.1
TTAF 10343.7
05/01/2020

4680N
left prop

McCauley
3AF32C505C
l/h prop 584.3

I certify that this propeller has been inspected in accordance with Cessna 414A service manual and checklist and found to be in an airworthy condition

Josh Hartung IA 2751095



05/01/2020

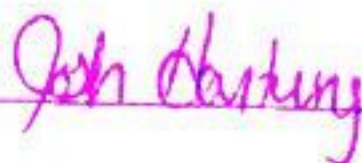
Cessna 414A
S/N 414A0070
Hobbs 247.3
TTAF 10350.9
04/23/2021

4680N
left prop

McCauley
3AF32C505C
l/h prop 591.5

I certify that this propeller has been inspected in accordance with Cessna 414A service manual and checklist and found to be in an airworthy condition

Josh Hartung IA 2751095



04/23/2021

REG #	N4680N	LOGBOOK INSERT	DATE	6/02/2022
MODEL	Cessna 414A			
SERIAL #	414A-0070		HOBBS	350.0
Prop Model	3AF32C505C		A/C TT	10453.6
Prop S/N	002690		CYCLES	

Left Propeller TSN: 2429.9 TSO: 382.9

1. Completed a 100-hr inspection of the propeller.
2. I certify that this propeller has been inspected in accordance with a 100-hr inspection and determined to be in airworthy condition at this time/date.

The Aircraft and/or Component(s) identified above in the scope of this work order were repaired and/or inspected in accordance with current applicable Federal Aviation Regulations and were determined to be airworthy for return to service for the work performed at this time/date.

DATE 6/02/2022

SIGNED *Thomas W. Thunstrom* A/P 476860448IA
 Thomas W. Thunstrom A/P 476860448IA