

Propeller Record General Information		
Propeller Manufacturer	MCCAULEY	
Model	B2D34C211	Type BLADE DESIGN 82-PCA-6
Hub Series #	764045	Blade #
Date of Manufacture	1976	
Aircraft Installed On:	Make/Model C-177B N18523	Serial # 17702541

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Propeller Description

McCaughey

Hub design: B2W34C211      Serial Number: 764045

Blade design: 82PCA-6

Aircraft Installed on: C-177B N18523

N18523

1977 Cessna Cardinal C177B

17702541

Serial Number: 17702541

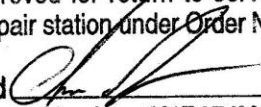
HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

<b>Date</b> 10/2/95 19	<b>Total Time in Service</b> 957.0	<b>Description</b> Propeller OVERHAULD By AIRCRAFT Propeller Service
<b>Next Inspection Due:</b> 10-2000 OR 1500HR	<b>Time Since Overhaul</b> 0.0	<b>Mech. Cert. # or Repair Station #</b> See 8130 Form Dated 10-02-95
<b>Date</b> 3-13-98 19	<b>Total Time in Service</b> 1097.0	<b>Description</b> C/W 100 HR INSPECTION Q/C.
<b>Next Inspection Due:</b>	<b>Time Since Overhaul</b> 140.0	<b>Mech. Cert. # or Repair Station #</b> Dan Jan A&P 329401429IA
<b>Date</b> 19	<b>Total Time in Service</b>	<b>Description</b>
<b>Next Inspection Due:</b>	<b>Time Since Overhaul</b>	<b>Mech. Cert. # or Repair Station #</b>

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Date	TTSN	Remarks
02 Aug 95	957	Propeller overhauled by Aircraft Propeller Service. See 8130 form dated 2 Oct 95
13 Mar 98	1097	C/W 100 hr inspection. Q/C  Dan() Jan() A&P 329401429IA

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Date	Total Time	Description
19		INSPECTED BLADES, PAINTED AND STATICALLY BALANCED PROPELLER IAW MCCAULEY MANUAL 780630
Next inspection Due:		
Date		<b>Maintenance Release (Repair Only)</b>
19		The aircraft propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details to the repair are on file at this repair station under Order Number 1781
Next inspection Due:		
Date		Signed  , for AIR PROP SPECIALISTS, INC. Certificate Number 1X4R274M, 3671 Industrial Park Drive, Marianna, FL 32446
Next inspection Due:		
		Mech. Cert. # or Repair Station #

484-1994

Date	TTSN	Remarks
		Inspected Blades, Painted and Statically Balanced Propeller IAW McCAuley Manual 780630
		Maintenance Release (Repair Only) The aircraft propeller, or appliance above was repaired and inspected with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under Order Number 1781.
		Signed (), for Air Prop Specialists, Inc. Certificate Number 1X4R274M, 3671 Industrial Park Drive, Marianna, FL 32446

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

<b>Date</b> 19 ____	<b>Total Time in Service</b>	<b>Description</b> DATE 4-9-2004 TT IN SERVICE 1312.0 I CERTIFY THAT THIS Prop HAS BEEN INSPECTED IAW AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. A&P 211328868 IA
<b>Next Inspection Due:</b>	<b>Time Since Overhaul</b>	<b>Mech. Cert. # or Repair Station #</b>
<b>Date</b> 2005	<b>Total Time in Service</b>	<b>Description</b> 6-3-05 TT 1314.2 I certify this Prop that this Prop has been inspected IAW an Annual Inspection and was determined to be in an Airworthy Condition Dennis Dangle IA 2184010
<b>Next Inspection Due:</b>	<b>Time Since Overhaul</b>	<b>Mech. Cert. # or Repair Station #</b>
<b>Date</b> 2007	<b>Total Time in Service</b>	<b>Description</b> 1-23-07 TT 1326.0, I certify this Prop has been inspected IAW an Annual Inspection and was determined to be in an Airworthy Condition Dennis Dangle IA 2184010
<b>Next Inspection Due:</b>	<b>Time Since Overhaul</b>	<b>Mech. Cert. # or Repair Station #</b>

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Date	TTSN	Remarks
09 Apr 04	1312.0	Date 9 Apr 04 TT in service 1312.0 I certify that this prop has been inspected IAW an Annual Inspection and was determined to be in airworthy condition.  ( ) A&P 211328868IA
03 Jun 05	1314.2	I certify that this prop has been inspected IAW an Annual Inspection and was determined to be in airworthy condition.  Dennis ( ) IA 2184010
23 Jan 07	1326.0	I certify that this engine has been inspected IAW an Annual Inspection and was determined to be in airworthy condition.  Dennis ( ) IA 2184010

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Date	Total Time in Service	Description
3-13-08 4008		3-13-08 TT 1354.9 I Certify This Propeller Has Been Inspected IAW An Annual Inspection And was Determined To Be in Airworthy Condition Mech. Cert. # or Repair Station # Dennis Hankle IA 2184010
04-19-08 2000 19	1367.8	Dynamic Balanced Propeller IAW Chadwick-Helmuth Instructions Mech. Cert. # or Repair Station # AP3110302
6-3-09 2009	1379.5	6-3-09 I Certify This Propeller Has Been Inspected IAW An Annual Inspection And was Determined To Be in Airworthy Condition Mech. Cert. # or Repair Station # Dennis Hankle IA 2184010

484-1994

Date	TTSN	Remarks
13 Mar 08	1354.9	Date 9 Apr 04 TT in service 1312.0 I certify that this prop has been inspected IAW an Annual Inspection and was determined to be in airworthy condition. ( ) A&P 211328868IA
15 Sep 08	1367.8	Dynamically balanced propeller IAW Chadwick-Helmuth instructions. ( ) AP3110302
03 Jun 09	1379.5	I certify that this propeller has been inspected IAW an Annual Inspection and was determined to be in airworthy condition. Dennis ( ) IA 2184010

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Date <u>6-3</u> <u>2010</u>	Total Time in Service <u>1408.6</u>	Description <u>Inspected IAW an Annual Inspection and was determined to be in an Airworthy Condition</u>
Next Inspection Due:	Time Since Overhaul <u>1408.6</u>	Mech. Cert. # or Repair Station # <u>Dennis Gable IA 2184010</u>
Date <u>5-1</u> <u>2011</u>	Total Time in Service <u>1417.4</u>	Description <u>Inspected Propeller IAW an Annual Inspection and was determined to be in an Airworthy Condition</u>
Next Inspection Due:	Time Since Overhaul	Mech. Cert. # or Repair Station # <u>Dennis Gable IA 2184010</u>
Date <u>6-4</u> <u>2012</u>	Total Time in Service <u>1430.7</u>	Description <u>I certify this Propeller has been inspected IAW an Annual Inspection and determined to be in an Airworthy Condition</u>
Next Inspection Due:	Time Since Overhaul	Mech. Cert. # or Repair Station # <u>Dennis Gable IA 2184010</u>

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Date	TTSN	Remarks
03 Jun 10	1408.6	Inspected IAW an Annual Inspection and was determined to be in airworthy condition.  Dennis () IA 2184010
01 May 11	1417.4	Inspected IAW an Annual Inspection and was determined to be in airworthy condition.  Dennis () IA 2184010
4 Jun 12	1430.7	I certify that this propeller has been inspected IAW an Annual Inspection and was determined to be in airworthy condition.  Dennis () IA 2184010

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Date 7-1-13 2013	Total Time in Service 1433.1	Description I certify that this <u>Propeller</u> has been inspected in accordance with a <u>Annual</u> inspection and was determined to be in an airworthy condition.
Next Inspection Due:	Time Since Overhaul	Mech. Cert. # or Repair Station # <u>IA 2184010</u> <u>Dennis Hall</u>
Date 24JUN14	TACH 1437.4 SMOH 480.4 (10-02-95)	
Next Inspection Due:	RMVD AND REINST PROP SPINNER. CLEANED AND INSP PROP. CHECKED PROP TRACK	
Date	I CERTIFY THAT THIS <b>PROP</b> HAS BEEN INSP IAW AN <b>ANNUAL INSP</b> CHECKLIST AND WAS FOUND TO BE IN AN AIRWORTHY COND. <b>ALL AD'S C/W. SEE ATTACHED AD LIST IN BACK OF LOG BOOK FOR CURRENT AD LISTINGS.</b> ZACHARY L. ODOM A&P3171710IA <u>Zachary Odom AP3171710IA</u>	
Next Inspection Due:	Time Since Overhaul	Mech. Cert. # or Repair Station #

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Date	TTSN	Remarks
01 Jul 13	1433.1	I certify that this propeller has been inspected IAW an Annual Inspection and was determined to be in airworthy condition.  Dennis () IA 2184010
24 Jun 14	1437.4	RMVD AND REINT PROP SPINNER. CLEANED AND INSP PROP. CHECKED PROP TRACK.  I certify that this prop has been insp IAW an Annual Inspection checklist and was determined to be in airworthy condition. All AD's C/W. See attached AD listin back of log book for current AD listings.  Zachary L. Odom AP 3171710

H 10 JUL 15 TACH 1441.7  
 Date SMOH 484.7 (10-02-95)

19 RMVD AND REINST PROP SPINNER. CLEANED AND INSP PROP. CHECKED PROP TRACK.

Next Due: I CERTIFY THAT THIS **PROP** HAS BEEN INSP IAW AN **ANNUAL INSP** CHECKLIST AND WAS FOUND TO BE IN AN AIRWORTHY COND. ALL AD'S C/W. SEE ATTACHED AD LIST IN **BACK OF LOG BOOK FOR CURRENT AD LISTINGS.**  
 ZACHARY L. ODOM A&P31717101A *Zachary Odom AP 31717101A*

Date	Total Time in Service	Description
19		
01 OCT 15	TACH 1442.0	
Next In Due:	SMOH 484.7 (10-02-95)	

RMVD AND REINST MCCAULEY PROP ASSEY S/N: 764045 FROM ACFT CESSNA 177B S/N: 17702541. FOR RESEALING OF HUB ASSEY BY AIR PROP SPECIALISTS OF MARIANNA FL CERT NUM 1X4R274M. SEE PROP LOG BOOK FOR MAINT RELEASE. TQ'ED PROP RETENTION BOLTS TO 55 FT LBS AND REPLACED 3EA SAFTIES. PERFORMED GROUND MAINT RUN; NO LEAKS NOTED AND PROP GOV CONTROLS PROP THROUGH ITS RANGE. MAINT PERFORMED IAW CESSNA SRM.  
 ZACHARY L. ODOM AP31717101A *Zachary Odom AP 31717101A*

Mech. Cert. # or Repair Station

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Date	TTSN	Remarks
19 Jul 15	1441.7	RMVD AND REINT PROP SPINNER. CLEANED AND INSP PROP. CHECKED PROP TRACK.  I certify that this prop has been insp IAW an Annual Inspection checklist and was determined to be in airworthy condition. All AD's C/W. See attached AD list in back of log book for current AD listings.  Zachary L. Odom AP 3171710
01 Oct 15	1442.0	RMVD AND REINST MCCAULEY PROP ASSEY S/N 76405 FROM ACFT CESSNA 177B S/N 17702541 FOR RESEALING OF HUB ASSEY BY AIR PROP SPECIALISTS OF MARIANA FL CERT NUM 1X4R274M. SEE PROP LOG BOOK FOR MAINT RELEASE. TQ'ED PROP RETENTION BOLTS TO 55 FT LBS AND REPLACED 3 EA SAFTIES. PERFORMED GROUND MAINT RUN, NO LEAKS NOTED AND PROP GOV CONTROLS PROP THROUGH ITS RANGE MAINT PERFORMED IAW CESSNA SRM.  ZACHARY L. ODOM A&P 3171710

Date	Next In Due:	INSPECTIONS, REPAIRS AND ALTERATIONS <input type="checkbox"/>
19 _____	September 17, 2015. HUB: B2D34C211. SN: 764045. TT: 1441.6. TSO: 484.6. Disassembled propeller, cleaned, inspected, reassembled using new parts as needed, statically balanced in accordance with McCauley Manuals: BOM100, SPM100, MPC200. All other current service information and Airworthiness Directives complied with as of this date. NOTICE: An Airworthiness Directive may apply to the installation of the propeller described hereon. The installer is responsible for ensuring complete compliance with any applicable installation Airworthiness Directive.	
19 _____	Maintenance Release (Reseal) The aircraft propeller, or appliance identified above was repaired and inspected in accordance with current Regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details to the repair are on file at this repair station under Order Number # 15-0242.	
19 _____	Signed _____ for AIR PROP SPECIALISTS, INC. Certificate Number 1X4R274M, 3671 Industrial Park Drive, Marianna, FL 32446	
Mech. Cert. # or Repair Station # _____		

Date	TTSN	Remarks
17 Sep 15	1441.7 TSO 484.6	Disassembled propeller, cleaned, inspected, reassembled using new parts as needed, statically balanced propeller IAW McCauley Manuals: BOM100, SPM100, MPC200. All other current service information and Airworthiness Directives complied with as of this date. NOTICE: An Airworthiness Directive may apply to the installation of the propeller described hereon. The installer is responsible for ensuring complete compliance with any applicable installation Airworthiness Directive.  Maintenance Release (Reseal) The aircraft propeller, or appliance above was repaired and inspected with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of the repair are on file at this repair station under Order Number # 15-0242.  Signed (), for Air Prop Specialists, Inc. Certificate Number 1X4R274M, 3671 Industrial Park Drive, Marianna, FL 32446

HUB & BLADE INSPECTIONS, REPAIRS AND ALTERATIONS

Date	Total Time in Service	TT <u>1441.6</u> N <u>18523</u>
19		This Propeller was balanced I/A/W
Next Inspection Due:	Time Since Overhaul	Chadwick Instructions with Chadwick Helmuth Equipment to <u>.001</u> IPS
		A&P 3110302

Date	Total Time in Service	Quinton Jerkins <i>Quinton Jerkins</i>
19		Date <u>28 Oct 2015</u>
Next Inspection Due:	Time Since Overhaul	

30 JUL 16 TACH 1444.8  
Date SMOH 487.8 (10-02-95)

19 RMVD AND REINST PROP SPINNER. CLEANED AND INSP PROP. CHECKED PROP TRACK.

Next Insp Due: I CERTIFY THAT THIS PROP HAS BEEN INSP IAW AN ANNUAL INSP CHECKLIST AND WAS FOUND TO BE IN AN AIRWORTHY COND. ALL AD'S C/W. SEE ATTACHED AD LIST IN BACK OF LOG BOOK FOR CURRENT AD LISTINGS. *Zachary L. Odom*  
ZACHARY L. ODOM A&P3171710IA *AP 3171710 IA* ISA 1994

Date	TTSN	Remarks
28 Oct 15	1441.6	This propeller was balanced IAW Chadwick Instructions with Chadwick-Helmuth Equipment to .001 IPS  AP 3110302 Quinton Jerkins 28 Oct 15
30 Jul 16	1444.8	RMVD AND REINT PROP SPINNER. CLEANED AND INSP PROP. CHECKED PROP TRACK.  I certify that this prop has been insp IAW an Annual Inspection checklist and was determined to be in airworthy condition. All AD's C/W. See attached AD list in back of log book for current AD listings.  Zachary L. Odom AP 3171710

N18523

1977 Cessna Cardinal C177B

17702541

Date 10-03-2016 Tach time 1450.5 TTSN 1450.5 TSOH 493.5 AD's checked and current. I certify that this propeller has been inspected IAW an annual inspection and is airworthy. E.K. Flanigan AP3061803IA for Kilo Aviation, C75 Lacon IL.

*E.K. Flanigan AP 306 1803 IA*

Next Ins Due:

Date <i>11/20</i> <i>2017</i>	Total Time in Service <i>1509</i>	Description <i>Inspected IAW Annual inspection found Airworthy</i>
Next Inspection Due:	Time Since Overhaul	Mech. Cert. # or Repair Station # <i>218m IA 3071998</i>

Date 19	Total Time in Service	Description
Next Inspection Due:	Time Since Overhaul	Mech. Cert. # or Repair Station #

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Date	TTSN	Remarks
03 Oct 16	1450.5	Tach time 1450.5 TTSN 1450.5 TSOH 493.5 All AD's checked and current  I certify that this propeller has been inspected IAW an annual inspection and is airworthy.  E.K. Flanigan AP3061803IA for Kilo Aviation C75, Lacon, IL.
20 Nov 17	1509	Inspected IAW annual inspection found airworthy.  AP3071998 Tm Sipp

N18523

1977 Cessna Cardinal C177B

17702541


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**Date** Granbury Aviation Services 344 Howard Clemmons Rd. Granbury, TX 76048  
661-599-3130 granburyaircraftservices@gmail.com Granbury Regional KGDJ

19— **A/C N#** N18523      **MAKE:** McCauley      **MODEL:** B2D34C211      **S/N:** 764045

**A.D. #** TACH: 1536.4      TTIS: 579.4      **CURRENT DATE:** 1/9/2019

**Description of work performed:**  
C/W a 100hr/ annual inspection this date. This propeller has been inspected IAW an annual/ 100hr insp and found to be airworthy. This propeller is approved for return to service.

**Next Due:** 

**Date** GRANBURY AVIATION SERVICES (GAS) RON STOWELL A&P 3645895 IA

19—

**A.D. #**

**Next Inspection Due:**

Mech. Cert. # or Repair Station # \_\_\_\_\_

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Date	TTSN	Remarks
09 Jan 19	1536.4	C/W a 100hr/Annual inspection this date. This propeller has been inspected IAW an annual/100 hr insp and found to be airworthy. This propeller is approved for return to service.  Granbury Aviation Services (GAS) Ron Stowell AP3645895

N18523

1977 Cessna Cardinal C177B

17702541


**AIRWORTHINESS DIRECTIVES**

Granbury Aviation Services LLC, 344 Howard Clemmons Rd , Granbury TX 76048  
**Date:** 8-30-2019 **Logbook:** Propeller 1 **Tail Number:** N18523

**Tach:** 1567.5 **Model:** B2D34C211 **Serial:** 764045

**Repairs / Maintenance**

- Performed dynamic prop balance using ACES 2020 HR unit. Initial run .27 ips. Added 24 grams weight at 153 degrees for a final run solution of .02 ips. All work IAW ACES Dynamic balancing system.


GRANBURY AVIATION SERVICES, LLC (GAS) Ron Stowell  A&P 3645895 IA

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Date	TTSN	Remarks
30 Aug 19	1567.5	<b>Performed dynamic prop balance</b> using ACES 2020 HP unit. Initial run .27 ips. Added 24 grams weight at 153 degrees for a final run solution of .02 ips. All work IAW ACES Dynamic balancing system.  Granbury Aviation Services (GAS) Ron Stowell AP3645895IA

Granbury Aviation Services (GAS) Ron Stowell AP3645895IA


<input type="checkbox"/> AIR	
Date	
19	
A.D. #	
Next Ins Due:	
Date	
19	
A.D. #	
Next Ins Due:	



Granbury Aviation Services LLC, 344 Howard Clemmons Rd., Granbury TX 76048  
 Date: 05-07-2020 Logbook: Propeller 1 Tail Number: N18523  
 Tach: 1607.4 Model: B2D34C211 Serial: 764045 Work Order: 81

**Repairs / Maintenance**

- This propeller has been inspected in accordance with a 100 hr. inspection. All applicable AD's have been complied with and current list is in permanent aircraft records. The inspection was conducted using scope and detail outlined in FAR 43 appendix D and the manufacturers recommended inspection check list. All noted discrepancies during this inspection have been corrected. This propeller is found to be in an airworthy condition and is approved for return to service on this date.

Granbury Aviation Services LLC Ronnie Stowell  AP3645895IA

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Date	TTSN	Remarks
07 May 20	1607.4	This propeller has been inspected in accordance with a 100 hr. inspection. All applicable AD's have been complied with and current list is in the permanent aircraft records. The inspection was conducted using scope and detail outlined in FAR 43 appendix D and the manufacturer's recommended inspection check list. All noted discrepancies during this inspection have been corrected. This propeller if found to be in an airworthy condition and is approved for return to service on this date.  Granbury Aviation Services (GAS) Ron Stowell AP3645895IA

<b>Date</b>	<b>Total Hours</b>	<p style="text-align: right;"><b>AIRWORTHINESS DIRECTIVES</b> <input type="checkbox"/></p> <p><b>06/01/2021 N18523 B2D34C211 S/N: 764045 Tach: 1641.5</b></p> <p>Performed annual inspection. I certify that this propeller was inspected and current AD's checked per revision 2021-10 and was determined to be in airworthy condition.</p> <p>Jeff Powell, A&amp;P 3013211 IA </p>	
19__			
<b>A.D. #</b>			
<b>Next Inspection Due:</b>	<b>Mech. Cert. # o</b>		
<b>Date</b>	<b>Total Hours</b>		
19__			
<b>A.D. #</b>			
<b>Next Inspection Due:</b>	<b>Mech. Cert. # o</b>		

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Date	TTSN	Remarks
01 Jun 21	1641.5	<p>06/01/2021 N18523 B2D34C211 S/N 764045 Tach: 1641.5</p> <p>Performed annual inspection. I certify that this propeller was inspected and current AD's checked per revision 2021-10 and was determined to be in airworthy condition.</p> <p>Jeff Powell, A&amp;P 3013211 IA</p>