

RIDGEAIRE
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MAINTENANCE RECORDS

RIGHT PROPELLER

N425TB | McCauley 4HFR34C762 / 94LMA-4

HUB SERIAL NUMBER	011923
BLADE SERIAL NUMBERS	XB30001 · XB30005 · XB30038 · XB30040
POSITION	Right (#2)
INSTALLED NEW	April 9, 2003
LAST OVERHAUL	Yingling Aviation, Wichita, KS · Feb. 2024



IMPORTANT NOTICE

REGARDING AIRCRAFT LOGBOOKS

AIRCRAFT

N425TB 1981 Cessna 425 Conquest I

S/N 425-0068

Please read before reviewing these records.

The logbooks accompanying this aircraft are not filed strictly by category. Some entries and volumes are mixed — airframe, engine, propeller, and avionics entries may appear in a book other than the one its divider indicates. This aircraft was previously registered as N1906K, and older entries may appear under that registration.

Do not rely on the divider labels alone. Review each logbook in full when researching maintenance history, time in service, airworthiness directive compliance, or any specific entry. An entry you expect to find in one volume may be recorded in another.

RidgeAire has reviewed these records and can help locate a specific entry, clarify what is recorded where, or answer any question about the aircraft's documented history.

QUESTIONS? CONTACT RIDGEAIRE

Zach Ridgley

Sales Manager | Director of Aircraft Marketing & Research

(903) 586-1521 zach@ridgeaire.com

RIDGEAIRE, INC.

PO Box 361 | Jacksonville, TX 75766

(903) 586-1521 | ridgeaire.com

THE **adlog**TM AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

**PROPELLER
MAINTENANCE
RECORDS**

PROPELLER MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. 425TB

Propeller Manufacturer McCAULEY

Hub Model 4HFR34C762I

Blade Design No. 94LMA-4

Hub Serial No. 011923

Blade Serial No's.

1. XB 30001
2. XB 30005
3. XB 30038
4. XB 30040

Pitch Range:

High _____ Low 18.3°

Feather 85.8° Reverse -10°

Governor Manufacturer _____

Model No. _____

Serial No. _____

Date installed on aircraft APRIL 9, 2003

Time Between Overhauls (TBO) _____ Hours

If used on multi-engine aircraft:

☒ Right ☐ Left

☐ Front ☐ Rear

(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

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PO BOX 1359 / SOUTHOLD, NY 11971-0965

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TOTAL
TIME

PROPELLER ASSEMBLY LOG

DATE M/D/Y	TOTAL TIME	AIRCRAFT TYPE & MODEL	MAINTENANCE SERVICE HISTORY	SIGNATURE & CERTIFICATE NUMBER
3.15.03	0	4HFR34C762-I S/N 011923	THIS PROPELLER WAS MANUFACTURED NEW AT McCauley Propeller Systems. INSPECTED AND FOUND TO BE AIRWORTHY ON THIS DATE.	(1037)

Teton Aviation Center

 Teton Aviation Center
 675 Airport Rd.
 Driggs, ID 83422
 208-354-3100

Date: April, 9 2003
 Tach Time: 5612.6 hobbs
 Total Time: 0 TT Prop

Installed in right hand position on Cessna 425, SN 425-0068, N425TB at ACTT 5612.6

I certify that the repairs/inspections identified above were performed in accordance with FARs and is approved for return to service.
 518131347AP

A-6916



Teton Aviation Center
 675 Airport Rd.
 Driggs, ID 83422
 208-354-3100

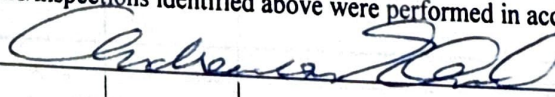
Date: July 25, 2003

Tach Time: 5660.4

Total Time: 47.8

Propeller inspected in accordance with Cessna Phase 3 Inspection checklist; aircraft run up, operational check OK.

I certify that the repairs/inspections identified above were performed in accordance with FARs and is approved for return to service.

 ARP144466448 JA

McCauley
 4HFR34C7621
 S/N: 011923
 TSN: 101.2
 TSO: NA
 O/H DATE: NA

WEST STAR

PROP ENTRY, PG. 1

POSITION # 2
 CESSNA 425
 N425TB
 TTAf: 5713.8
 WO: 6336S
 DATE: 8/13/04

Complied with Cessna Phase 2, 3, & D Inspections in accordance with the Cessna 425 maintenance manual rev 5.

I certify that this propeller has been inspected in accordance with an approved manufacturer's inspection program as required by FAR 91.409(F) (3) and is approved for return to service relative to the maintenance performed. Pertinent details are on file at this repair station under the above work order. A copy of this work order has been given to the operator.

Signature


 WEST STAR AVIATION, INC.
 796 Heritage Way
 Grand Junction, CO 81508 (970) 243-7500

FAA CERTIFIED REPAIR STATION
 WTXR173J

DATE

TOTAL
TIME
IN
SERVICETOTAL
TIME
SINCE
OVERHAULTACH OR
RECORDING
METER
TIME

Page No.

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

Date: 4-25-2005

Hrmtr: 5821.1

Type: McCauley

Aero Maintenance Inc.

Wichita Falls, TX 76305

Model No: 4HFR34C762I

Serial No.: 011923

RH Prop N425TB

Total Time: 208.5

SMOH: N/A

Inspection accomplished

Phase 2 inspection complied with in accordance with Cessna 425 maintenance manual chapter 5.

I certify that this Propeller has been inspected in accordance with a PHASE 2 inspection and was approved for return to service.

Signature

 AOP 5512522691ADate: March 15th 2006

Hrmtr: 5932.0

Type: McCauley

Aero Maintenance Inc.

Wichita Falls, TX 76305

Model No: 4HFR34C762I

Serial No.: 011923

Right Prop N425TB

Total Time: 319.4

SMOH: N/A

Inspection and maintenance accomplished

- 1) Cessna 425 Phase 2 propeller inspection items complied with.
- 2) Cessna 425 Phase 3 propeller inspection items complied with.
- 3) Profiled propeller blades as needed.

I certify the inspections and maintenance listed in this entry were performed in accordance with the current Cessna 425 maintenance manual and this propeller was approved for return to service at that time.

Signature

 AOP 5210451771ADate: October 19th 2006

Hrmtr: 6004.1

Type: McCauley

Aero Maintenance Inc.

Wichita Falls, TX 76305

Model No: 4HFR34C762I

Serial No.: 011923

Right Prop N425TB

Total Time: 391.5

SMOH: N/A

Inspections accomplished

- 1) Cessna 425 Phase 2 propeller inspection items complied with.
- 2) Cessna 425 Phase 3 propeller inspection items complied with.
- 3) Cessna 425 Phase D propeller inspection items complied with.
- 4) McCauley 100 hour / Periodic inspection items complied with.

Maintenance accomplished

Profiled propeller blades as needed.

I certify the inspections and maintenance listed in this entry were performed in accordance with the current Cessna 425 maintenance manual and the current McCauley operator's manual and this propeller was approved for return to service at that time.

Signature

 AOP 5210451771A

TOTALS—Carry forward to next page

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

Date: September 28th 2007

Aero Maintenance Inc.

Hrmtr: 6137.0

Wichita Falls, TX 76305

Type: McCauley

Model No: 4HFR34C762I

Serial No.: 011923

Right Prop N425TB

Total Time: 524.4

SMOH: N/A

Inspections accomplished

- 1) Cessna 425 Phase 3 propeller inspection items complied with.
- 2) McCauley 100 hour / Periodic inspection items complied with.

Maintenance accomplished

Profiled propeller blades as needed.

I certify the inspections and maintenance listed in this entry were performed in accordance with the current Federal Aviation Regulations, the current Cessna 425 maintenance manual, and the current McCauley operator's manual and this propeller was approved for return to service at that time.

Signature

[Signature] ATP 2844378

Date: May 19th 2008

Aero Maintenance Inc.

Hrmtr: 6186.5

Wichita Falls, TX 76305

Type: McCauley

Model No: 4HFR34C762I

Serial No.: 011923

Right Prop N425TB

Total Time: 573.9

SMOH: 0.0

Maintenance accomplished

- 1) Removed propeller for overhaul. Reinstalled propeller after overhaul by Byam Propeller Service Inc. CRS# WN1R590K. (See 8130-3 airworthiness approval tag)
- 2) Replaced propeller attachment nuts, propeller shaft o-ring, and beta ring brush block with new nuts, o-ring, and brush block supplied by Byam Propeller Service Inc.

Signature

[Signature] ATP 5512522691A

Date: August 5th 2008

Aero Maintenance Inc.

Hrmtr: 6204.4

Wichita Falls, TX 76305

Type: McCauley

Model No: 4HFR34C762-1

Serial No.: 011923

Right Prop N425TB

Total Time: 591.8

SMOH: 17.9

Inspection accomplished

- 1) Cessna 425 Phase 2 propeller inspection items.
- 2) Cessna 425 Phase 3 propeller inspection items.
- 3) Cessna 425 Phase D propeller inspection items.

Maintenance accomplished

Profiled propeller blades as needed.

I certify the inspections and maintenance listed in this entry were performed in accordance with the current Federal Aviation Regulations, the current Cessna 425 maintenance manual, and the current McCauley operator's manual and this propeller was approved for return to service at that time.

N425TB

PROP: S/N 011923 RT

TT PROP: 602.2

Spirit of St. Louis Airport • 639 North Bell Avenue • Chesterfield, Missouri 63005 • 636-932.5600

Thunder

AVIATION

DATE: 2-12-2009

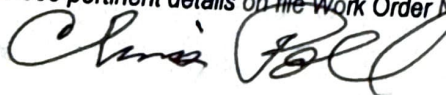
TTAF: 6214.8

SMOH: 28.3

RK

1. C/W4,5,6, and D Inspection IAW 425 MM chapter 5 and McCauley propeller operating guide.
 2. Engine ground run and ops and leak checked good at this time.
- I certify that this aircraft propeller is airworthy with respect to the work performed and is approved for return to service. See pertinent details on file Work Order Number: **MN4831**

Signed:



CRS T0DR376II

August 1, 2009

Aero Maintenance Inc.

Wichita Falls, TX 76308

Page 1 of 1

Right Propeller

Make: McCauley

Model: 4HFR34C762-1

S/N: 011923

Hr Mtr: 6284.0

Total Time: 671.4

TSMOH: 97.5

Inspection Accomplished

Cessna 425 Phase 2 Propeller Inspection Items

Cessna 425 Phase 3 Propeller Inspection Items

Maintenance Accomplished

- 1) Profiled propeller blades as required

I certify that this propeller has been inspected in accordance with current Federal Aviation Regulations, the current Cessna 425 maintenance manual Continuous Inspection Program Phase 2 and 3 and was determined to be in an airworthy condition is approved for return to service at this time.

 AD465916333IT

Sept 9, 2010

Aero Maintenance Inc.

Wichita Falls, TX 76308

Page 1 of 1

Right Propeller

Make: McCauley

Model: 4HFR34C762-1

S/N: 011923

Hr Mtr: 6340.0

Total Time: 727.4

TSMOH: 153.5

Inspection Accomplished

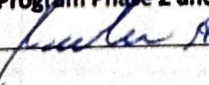
Cessna 425 Phase 2 Propeller Inspection Items

Cessna 425 Phase 3 Propeller Inspection Items

Maintenance Accomplished

- 1) Profiled propeller blades as required

I certify that this propeller has been inspected in accordance with current Federal Aviation Regulations, the current Cessna 425 maintenance manual Continuous Inspection Program Phase 2 and 3 and was determined to be in an airworthy condition is approved for return to service at this time.

 AD465916333IT

SUB-TOTALS this page

TOTALS—Carry forward to next page

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

DATE

TOTAL
TIME
IN
SERVICETOTAL
TIME
SINCE
OVERHAULTACH OR
RECORDING
METER
TIMEAero Maintenance Inc.

Wichita Falls, TX 76308

Right Propeller

Page 1 of 1

May 13, 2011

Make: McCauley

Model: 4HFR34C762-1

S/N: 011923

Hr Mtr: 6390.8

Total Time: 778.2

TSMOH: 204.3

Inspection Accomplished

Cessna 425 Phase 2 Propeller Inspection Items

Cessna 425 Phase 3 Propeller Inspection Items

Cessna 425 Phase D Propeller Inspection Items

Maintenance Accomplished

- 1) Profiled propeller blades as required

I certify that this propeller has been inspected in accordance with current Federal Aviation Regulations, the current Cessna 425 maintenance manual Continuous Inspection Program Phase 2, 3 and D, was determined to be in an airworthy condition is approved for return to service at this time.

Signature and Rating Carroll AP465516333Date 5-13-11Aero Maintenance Inc.

Wichita Falls, TX 76308

Right Propeller

Page 1

Sept 13, 2012

of 1

Make: McCauley

Model: 4HFR34C762-1

S/N: 011923

Hr Mtr: 6433.2

Total Time: 820.6

TSMOH: 246.7

Inspection Accomplished

Cessna 425 Phase 2 Propeller Inspection Items

Cessna 425 Phase 3 Propeller Inspection Items

Maintenance Accomplished

- 1) Profiled propeller blades as required

I certify that this propeller has been inspected in accordance with current Federal Aviation Regulations, the current Cessna 425 maintenance manual Continuous Inspection Program Phase 2, 3 and D, was determined to be in an airworthy condition is approved for return to service at this time.

Signature and Rating Carroll AP465516333Date 9-13-12

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

May 1, 2013

Make: McCauley
Model: 4HFR34C762-1
S/N: 011923

Aero Maintenance Inc.
Wichita Falls, TX 76308
Right Propeller

Hr Mtr: 6459.9
Total Time: 847.3
TSMOH: 0

Inspection Accomplished

Phase 2 Inspection Items

Phase 3 Inspection Items

Phase D Inspection Items

Maintenance Accomplished

- 1) Propeller reinstalled after overhaul in accordance with Cessna 425 maintenance manual, Perform runup And operational check with no discrepancies. See 8130-3 for details of Overhaul.

I certify that this propeller has been inspected in accordance with current Federal Aviation Regulations, The Cessna 425 maintenance manual Continuous Inspection Program Phase 2, 3 and D, and was determined to be in an airworthy condition is approved for return to service at this time.

Signature and Rating [Signature] AP3682081

Date 5-1-13

June 5, 2014

Make: McCauley
Model: 4HFR34C762-1
S/N: 011923

Aero Maintenance Inc.
Wichita Falls, TX 76308
Right Propeller

Hr Mtr: 6501.1
Total Time: 888.5
TSMOH: 41.2

Inspection Accomplished

Phase 2 Inspection Items

Phase 3 Inspection Items

Maintenance Accomplished

Profile propeller blades as required

I certify that this propeller has been inspected in accordance with current Federal Aviation Regulations, The Cessna 425 maintenance manual Continuous Inspection Program Phase 2 & 3 and was determined to be in an airworthy condition is approved for return to service at this time.

Signature and Rating [Signature] AP3682081

Date 6-5-14

Calkins Aero Service Inc.

West Houston Airport
18000 Groeschke Rd.
Houston, TX 77084

Date: 5/27/2016 N425TB HOBBS/TTAF: 6561.1

PERFORMED PHASE 2A
PERFORMED PHASE 3A
PERFORMED PHASE DA

THE PROPELLER IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT FAA REGULATIONS (91.409 (F)(A)) AND FOUND AIRWORTHY FOR RETURN TO SERVICE. PERTINENT DETAILS OF THE REPAIR ARE ON FILE AT THIS AGENCY UNDER WORK ORDER #25919

Calkins Aero Service Inc.
FAA Certified Repair Station
No. GK2R849K

signed [Signature]

**Lyddon
AERO CENTER INC**

11-5-22 Time in service 1234.4 hours HM reads 6847.0 hours TSOH 487.1 hours..

- Completed Phase 2, 3, and D inspections this date as per the CCIP inspection program.
- Dressed blades.
- Ops checked ok for return to service.
- I certify that this propeller has been inspected in accordance with the above listed inspections and is determined to be in airworthy condition.



Steven R. Lyddon AP21098961A

Propeller Log Book Entry, by Yingling Aircraft, Inc.

Disassembled propeller for overhaul. Cleaned and inspected all parts. Dimension checked all required parts. All required aluminum parts were Dye Penetrant inspected. All required steel parts were Mag Particle inspected. Painted propeller to customer specifications. All applicable AD's, SB's, and SL's were researched and complied with to this date. See attached documents. Reassembled propeller with all new required parts. Installed (4) new De-Ice Boots P/N B-40245-52, S/N; s: 27758, 27757, 27756, and 27755. Installed new piston rod P/N D-5319. Pressure tested and static balanced propeller. No defects noted at this time. Replenished propeller with required amount of turbine oil. All work accomplished in accordance with McCauley Maintenance Manuals: MPC750 Series Overhaul Manual Rev.5, BOM100 Rev.13, and SPM100 Rev.9.



Completed By Yingling Aircraft, Inc.
P.O. Box 9248, Wichita, KS 67277
FAA CRS #YN8R621Y
Randall Lammon
Signature: 

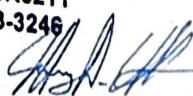
Date Completed	02/09/2024
Work Order No.	28687
Propeller TT	1409.7
Propeller TSOH	0.0
Propeller M/N	4HFR34C762/94LMA-4
Propeller S/N	011923

I CERTIFY THAT THE ABOVE STATED MAINTENANCE AND/OR INSPECTION WAS PERFORMED IN ACCORDANCE WITH CURRENT FEDERAL AVIATION REGULATIONS, THE ARTICLE/AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY WITH RESPECT TO THE WORK PERFORMED AND IS APPROVED FOR RETURN TO SERVICE.

**Right (#2) Propeller Logbook Entry, by Yingling Aviation for: N425TB Cessna 425-0068
McCauley 4HFR34C762/94LMA-4, S/N 011923**

Removed and reinstalled propeller after overhaul. See Yingling Aviation 8130-3 # YA-02092024-RL-01 dated 02-08-2024. C/W Phase 2 & 3 Inspections. Ground ran aircraft. Operational and leak check good. Work performed IAW Cessna 425 Maintenance Manual Rev. 6 dated September 1, 2007/Temp. Rev 27-1 dated August 1, 2021.

I CERTIFY THAT THE ABOVE STATED MAINTENANCE AND/OR INSPECTION WAS PERFORMED IN ACCORDANCE WITH THE CURRENT REGULATION OF THE FEDERAL AVIATION ADMINISTRATION, AND THE ARTICLE/AIRCRAFT IDENTIFIED ABOVE IS PRESENTLY AIRWORTHY WITH RESPECT TO THE WORK PERFORMED AND APPROVED FOR RETURN TO SERVICE.

Completed By Yingling Aviation
P.O. Box 9248, Wichita, KS 67277
FAA CRS #YN8R621Y
Phone 316-943-3246
Signature: 
Jeffery A. Eckhardt

Date Completed	03-18-2024	Prop Total Hrs.	1,409.7
Work Order #	SVC28687		
Recorded Hours	7,022.3	Prop TSO	0.0
A/C Total Time	7,022.3		
Total Landings	Not Provided		

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE

TOTAL
TIME
IN
SERVICETOTAL
TIME
SINCE
OVERHAULTACH OR
RECORDING
METER
TIMEDESCRIPTION OF WORK PERFORMED—
SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK**EAST TEXAS TURBINES, INC.**

Tyler Pounds Field

Tyler, Texas 75704

903-595-6366

12-12-2024

H.M. 7240.8

N425TB

SOH: 218.5

R/H 011923

1. Complied with Phase 2, 3, and D inspections in accordance with FAR 91.409 F (3).


 Propeller approved for return to service

Russell Bauman 35010651A

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