

# N13839

## 1970 Piper Turbo Aztec D

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# RH Prop Logbook SNEW 2002 - 2025

**MSN: 27-4480**



*Prepared by the worldwide aviation specialists at RidgeAire, Inc.*

**RIGHT**

**THE**  
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**AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM**

**PROPELLER  
MAINTENANCE  
RECORDS**

**N13839**

# PROPELLER MAINTENANCE RECORDS

Log No. 1

Aircraft Registration No. N13839  
 Propeller Manufacturer HARTZELL

RT

## HARTZELL PROPELLER INC

Code No: E3R00170

### INSPECTION

Date: 2/26/02

New     Experimental     Assembled     Disassembled

Work Order #: M507590

Hartzell Order No. CO 26499		Part Number HC-E3YR-2ATF/FC7663-2R					
Ass'y Ser No. DJ12274B	Hydr Unit No. NA	Bulkhead No. NA		Valve No. NA	Dome No.		
Blade 1 J71013	Blade 2 J71015	Blade 3 J71017	Blade 4	Blade 5	Blade 6		
Carton No.	Lbs.	Weight	Kilos	Height	Width	Length	Packing
Comments: Deice Kit: NA IDS # 773 3-27-01						P33EA Spinner Mounting Kit: A2476-5	
13 0 L P / S L @ 30° Radius							
Sold to: AAR AIRCRAFT SERVICES		Customer Order No. 14702		Line Item No. 0	Insp. by JM		

Model No. \_\_\_\_\_

Serial No. \_\_\_\_\_

Date installed on aircraft \_\_\_\_\_

Time Between Overhauls (TBO) \_\_\_\_\_ Hours

If used on multi-engine aircraft:



- Right       Left
- Front       Rear

(All applicable information must be filled in)



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DATE	TOTAL TIME IN SERVICE	
		<div style="text-align: center;">  <h2 style="margin: 0;">AAR AIRCRAFT SERVICES</h2> <h3 style="margin: 0;">OKLAHOMA</h3> </div> <p>Installed B.F. Goodrich Deicing Systems P/N 4E1214-2 boots in accordance with Hartzell maintenance manual 133C. This propeller was repaired and inspected in accordance with current regulations of the Federal Aviation Agency. Pertinent details of the repair are on file under AAR work order 998303.</p> <div style="float: right;"> <p>Date: 04/28/03              Prop Model: HC-E3YR-2ATF              S/N: DJ12274B              PTSN: 0 00              PTSO: 0 00              Blade Model: FC7663-2R              #1 - J71013              #2 - J71015              #3 - J71017</p> </div> <p style="text-align: center;"><b>"Approved for Return to Service"</b></p> <p style="text-align: center;"><i>John K Rogers</i></p> <p style="text-align: center;">for AAR Aircraft Services - Oklahoma CRS JR2R936K</p> <div style="text-align: center; margin-top: 20px;">  </div> <p style="text-align: center;">Will Rogers World Airport              6611 South Meridian              Oklahoma City, Oklahoma 73159</p> <div style="text-align: right; margin-top: 10px;"> <p>RT Rev. 6/25/02</p> </div>

**PROP MODEL (L)**  
 HC-E3YR-ATF/FC7663-2R  
**PROP S/N (L):** DJ12274B  
**REG. NO:** 13839  
**WORK ORDER:** 11978  
*K.B.H.*  
**Left Prop Entries**


**Mangon Aircraft, Inc.**  
 501 Sky Ranch Drive  
 Petaluma, CA 94954-3908  
 Phone: (707) 765-1848

DATE: 11/1/2007  
 A/C TSN: 2213 8  
 PROP TT: 0  
 TACH: 2213 8

Left Propeller completed a 100 hour inspection for Annual Certification, see Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table III-I, Inspection Report, Item A.  
 Lubricated and serviced nitrogen air charge.

PROPELLER GROUND OPERATED, ALL FUNCTIONS CHECKED NORMAL.  
 I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 11/1/2007      SIGNED: *[Signature]*  
 Michael Tillman, A&P 2845178 IA      Work Order: 11978

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**PROP MODEL (R):**  
 HC-E3YR-ATF/FC7663-2R  
**PROP S/N (R):** DJ12274B  
**REG. NO:** 13839  
**WORK ORDER:** 12695


**Mangon Aircraft, Inc.**  
 501 Sky Ranch Drive  
 Petaluma, CA 94954-3908  
 Phone: (707) 765-1848

DATE: 4/8/2009  
 A/C TSN: 2265 06  
 PROP TT (R): 51 26  
 TSPOH (R): 51 26  
 TACH: 2265 06

**Right Prop Entries**  
 Right Propeller completed a 100 hour inspection for Annual Certification, see Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table III-I, Inspection Report, Item A.  
 Blades cleaned inspected, tracked, removed nicks and scratches and painted as required. Lubricated and checked air charge. ... A.D. 2007-28-09 Eff. 01/30/2008 Rt. Prop. Hartzell to prevent failure of the propeller blade from fatigue cracks in the blade shank radius is not applicable to model installed. ... A.D. 2008-13-28 Eff. 07/17/2008 Rt. Prop. To prevent failure of the propeller hub is not applicable to this engine model.

PROPELLER GROUND OPERATED, ALL FUNCTIONS CHECKED NORMAL.  
 I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 4/8/2009      SIGNED: *[Signature]*  
 Michael Tillman, A&P 2845178 IA      Work Order: 12695

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SUB-TOTALS this page  
 TOTALS—Carry forward to next page

PROP MODEL (R):  
HC-E3YR-ATF/FC7663-2R  
PROP SN (R): DJ12274B  
REG NO 13839  
WORK ORDER: 13137



**Mangon Aircraft, Inc.**

501 Sky Ranch Drive  
Petaluma, CA 94954-3908  
Phone: (707) 765-1848

DATE: 9/7/2010  
AC TSN: 2329 99  
PROP TT (R): 118.19  
TSPDH (R): 118.19  
TACH: 2329 99

MING WORK

**Right Prop Entries**

Right Propeller completed a 100 hour inspection for Annual Certification, see Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table III-L. Inspection Report, Item A. Blades cleaned inspected, tracked, removed nicks and scratches and painted as required. Lubricated and serviced with nitrogen air charge.

PROPELLER GROUND OPERATED. ALL FUNCTIONS CHECKED NORMAL.  
I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 9/7/2010

SIGNED

Work Order: 13137

Michael Tillman, A&P 2845176 IA

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PROP MODEL (R):  
HC-E3YR-ATF/FC7663-2R  
PROP SN (R): DJ12274B  
REG NO 13839  
WORK ORDER: 13651



**Mangon Aircraft, Inc.**

501 Sky Ranch Drive  
Petaluma, CA 94954-3908  
Phone: (707) 765-1848

DATE: 01 February, 2012  
AC TSN: 2374.31  
PROP TT (R): 180.51  
TSPDH (R): 180.51  
TACH: 2374.31

**Right Prop Entries**

Right Propeller completed a 100 hour inspection for Annual Certification, see Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table III-L. Inspection Report, Item A. Blades cleaned inspected, tracked, removed nicks and scratches and painted as required. Lubricated and checked air charge. Propeller R: dynamic balance, no correction needed at .02 IPS.

PROPELLER GROUND OPERATED. ALL FUNCTIONS CHECKED NORMAL.  
I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 01 February, 2012

SIGNED

Work Order: 13651

Michael Tillman, A&P 2845176 IA

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PROP MODEL (R):  
HC-E3YR-ATF/FC7663-2R  
PROP SN (R): DJ12274B  
REG NO 13839  
WORK ORDER: 14197



**Mangon Aircraft, Inc.**

501 Sky Ranch Drive  
Petaluma, CA 94954-3908  
Phone: (707) 765-1848

DATE: 04 June, 2013  
AC TSN: 2400.41  
PROP TT (R): 188.61  
TSPDH (R): 188.61  
TACH: 2400.41

**Right Prop Entries**

Right Propeller completed a 100 hour inspection for Annual Certification, see Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table III-L. Inspection Report, Item A. Blades cleaned inspected, tracked, removed nicks and scratches and painted as required. Lubricated and checked air charge.

PROPELLER GROUND OPERATED. ALL FUNCTIONS CHECKED NORMAL.  
I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 04 June, 2013

SIGNED

Work Order: 14197

Michael Tillman, A&P 2845176 IA

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PROP MODEL (R):  
HC-E3YR-ATF/FC7663-2R  
PROP SN (R): DJ12274B  
REG NO 13839  
WORK ORDER: 14733



**Mangon Aircraft, Inc.**

501 Sky Ranch Drive  
Petaluma, CA 94954-3908  
Phone: (707) 765-1848

DATE: 15 August, 2014  
AC TSN: 2438.31  
PROP TT (R): 224.51  
TSPDH (R): 224.51  
TACH: 2438.31

**Right Prop Entries**

Right Propeller completed a 100 hour inspection for Annual Certification, see Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table III-L. Inspection Report, Item A. Blades cleaned inspected, tracked, removed nicks and scratches and painted as required. Lubricated and checked air charge.

PROPELLER GROUND OPERATED. ALL FUNCTIONS CHECKED NORMAL.  
I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 15 August, 2014

SIGNED

Work Order: 14733


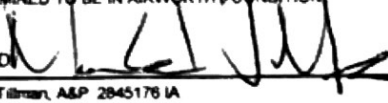

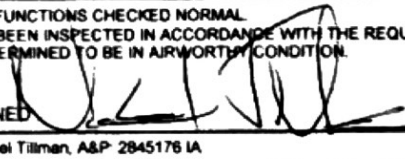


Michael Tillman, A&P 2845176 IA

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8/15/14

SUB-TOTALS this page

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
TOTALS brought forward from previous page				
PROP MODEL (R): HC-E3YR-ATF/C7663-2R PROP S/N (R) DJ122748 REG NO 13839 WORK ORDER: 15213		<b>Mangon Aircraft, Inc.</b> 501 Sky Ranch Drive Petaluma, CA 94954-3908 Phone (707) 765-1848		DATE 01 April, 2017 A/C TSN 2488.63 PROP TT (R): 274.83 TSPOH (R): 274.83 TACH 2488.63
<b>Right Prop Entries</b>				
Right Propeller completed a 100 hour inspection for Annual Certification, see Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table III-I. Inspection Report, Item A. Blades cleaned inspected, tracked, removed nicks and scratches and painted as required. Lubricated and checked air charge.				
PROPELLER GROUND OPERATED. ALL FUNCTIONS CHECKED NORMAL. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.				
DATE: 01 April, 2017	SIGNED  Michael Tillman, A&P 2845176 IA		Work Order 15213 Printed by EBIS 3 (datcomedia.com)	
10/01/2018				PROP MODEL (R): HC-E3YR-ATF/C7663-2R PROP S/N (R) DJ122748 REG NO 13839 WORK ORDER: 16201
		<b>Mangon Aircraft, Inc.</b> 501 Sky Ranch Drive Petaluma, CA 94954-3908 Phone (707) 765-1848		DATE: 01 October, 2018 A/C TSN: 2507.3 PROP TT (R): 293.5 TSPOH (R): 293.5 TACH: 2507.3
<b>Right Prop Entries</b>				
Right Propeller completed a 100 hour inspection for Annual Certification, see Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table III-I. Inspection Report, Item A. Blades cleaned inspected, tracked, removed nicks and scratches and painted as required. Lubricated and checked air charge.				
PROPELLER GROUND OPERATED. ALL FUNCTIONS CHECKED NORMAL. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.				
DATE: 01 October, 2018	SIGNED  Michael Tillman, A&P 2845176 IA		Work Order: 16201 Printed by EBIS 3 (datcomedia.com)	
09/01/2020	302.7	0	2516.5	
PROP MODEL (R): HC-E3YR-ATF/C7663-2R PROP S/N (R) DJ122748 REG NO 13839 WORK ORDER: 16558				
		<b>Mangon Aircraft, Inc.</b> 501 Sky Ranch Drive Petaluma, CA 94954-3908 Phone (707) 765-1848		DATE 01 May, 2020 A/C TSN 2516.5 PROP TT (R): 302.7 TSPOH (R): 0 TACH 2516.5
<b>Right Prop Entries</b>				
Right Propeller completed a 100 hour inspection for Annual Certification, see Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table III-I. Inspection Report, Item A. Blades cleaned inspected, tracked, removed nicks and scratches and painted as required. Lubricated and checked air charge. Propeller Rt. removed and sent to CRSS# S5UR963J for repairs. Propeller needed to be Overhauled do to TSPOH of 12 year requirement. Installed Overhauled propeller in original location. Torqued attach hardware to 70 lbs and safety. Ground run up performed. No leaks noted. Ops check good.				
PROPELLER GROUND OPERATED. ALL FUNCTIONS CHECKED NORMAL. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.				
DATE: 01 May, 2020	SIGNED  Michael Tillman, A&P 2845176 IA		Work Order 16558 Printed by EBIS 3 (datcomedia.com)	
<b>SUB-TOTALS this page</b>				
<b>TOTALS—Carry forward to next page</b>				

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

Right Propeller Log Entry

REG #	N13839	Date	02/01/2022	Model	PA23-250	Serial #	27-4480
MFG	Piper	ACTT	2548	TSPON	30	PropS/N	DJ12274B

Complied with an 100hr/Annual inspection IAW Piper Service Manual Pn 753-564.  
I certify that this PROPELLER has been inspected IAW an 100hr/Annual inspection and was found to be in airworthy Condition.

Brian Welling *Brian Welling* A/P 3692260 IA.

Win Win Aviation

Right hand Prop: Hartzell HC-ESYR-2ATP/FC7669-2R

Aircraft: N13839 S/N: J71017 Date: 11/6/2023  
Aircraft TT: 2555.8

- 1.) Complied with an 100hr/Annual inspection IAW Piper Service Manual Pn:753-564. Propeller was inspected and lubricated Nitrogen was charged

All inspections, work, and repairs were performed per Customers Request, IAW appropriate manufacturer's maintenance manuals, structural repair manuals, and standard practices. The aircraft, engines, propellers, or appliances identified above are hereby approved for return to service as per the work performed.

Signature *J.F. Myburgh*  
J.F. Myburgh 3842921A

Win Win Aviation

Right hand Prop: Hartzell HC-ESYR-2ATP/FC7669-2R

Aircraft: N13839 S/N: J71017 Date: 3/12/2025  
Aircraft TT: 2557.2

- 1.) Complied with an 100hr/Annual inspection IAW Piper Service Manual Pn 753 564 Propeller was inspected and lubricated Nitrogen was charged

All inspections, work, and repairs were performed per Customers Request, IAW appropriate manufacturer's maintenance manuals, structural repair manuals, and standard practices. The aircraft, engines, propellers or appliances identified above are hereby approved for return to service as per the work performed.

Signature *J.F. Myburgh*  
J.F. Myburgh 3842921A

SUB-TOTALS this page

TOTALS—Carry forward to next page

