

# N13839

## 1970 Piper Turbo Aztec D

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# LH Prop Logbook SNEW 2002 - 2025

**MSN: 27-4480**



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

LEFT

THE **adlog**<sup>TM</sup> AIRCRAFT  
MAINTENANCE  
RECORDKEEPING  
SYSTEM

**PROPELLER  
MAINTENANCE  
RECORDS**

**N13839**

# PROPELLER MAINTENANCE RECORDS

Log No. \_\_\_\_\_

Aircraft Registration No. N13839

LT.

## 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					
Assy Ser No. DJ12273B	Hydr Unit No. NA	Bulkhead No. NA		Valve No. NA	Dome No.		
Blade 1 J71018	Blade 2 J71011	Blade 3 J71010	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 LP./S.L @ 30" Radius							
Sold to: AAR AIRCRAFT SERVICES		Customer Order No. 14702		Line Item No. 0	Insp. by JM		

Governor Manufacturer \_\_\_\_\_

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	TOT TIP SIN OVER

# AAR AIRCRAFT SERVICES OKLAHOMA

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.

Date: 04/28/03  
 Prop Model: HC-E3YR-2ATF  
 S/N: DJ12273B  
 PTSN: 0 00  
 PTSO: 0 00  
 Blade Model: FC7663-2R  
 #1 - J71018  
 #2 - J71011  
 #3 - J71010

"Approved for Return to Service"

*John K. Rogers*  
 \_\_\_\_\_  
 for AAR Aircraft Services - Oklahoma CRS JR2R936K



**Will Rogers World Airport**  
 6611 South Meridian  
 Oklahoma City, Oklahoma 73159

LT,  
 Rev. 6/25/02

PROP MODEL (R)  
 HC-E3YR-ATF/FC7663-2R  
 PROP S/N (R) DJ12273B  
 REG NO 13839  
 WORK ORDER 11978



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

DATE: 11/1/2007  
 A/C TSN: 2213 B  
 PROP TT (L): 0  
 TACH: 2213 B

**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.  
 Lubricated and serviced 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]*                      Work Order: 11978  
 Michael Tillman, A&P 2845176 IA                      Printed by EBis 3 (datcomedia.com)

PROP MODEL (L)  
 HC-E3YR-ATF/FC7663-2R  
 PROP S/N (L) DJ12273B  
 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 08  
 PROP TT (L): 51.26  
 TSPOH (L): 51.26  
 TACH: 2265.08

**Left Prop Entries**

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.  
 Blades cleaned inspected, tracked, removed nicks and scratches and painted as required. Lubricated and serviced nitrogen air charge... A.D. 2007-26-09 Eff. 01/30/2008 Lt. 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. 2006-13-28 Eff. 07/17/2008 Lt. 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]*                      Work Order: 12695  
 Michael Tillman, A&P 2845176 IA                      Printed by EBis 3 (datcomedia.com)

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

PROP MODEL (L)  
HC-E3YR-ATF/FC7663-2R  
PROP S/N (L) DJ12273B  
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  
A/C TSN: 2329.99  
PROP TT (L): 116.19  
TSPOH (L): 116.19  
TACH: 2329.99

Page No. \_\_\_\_\_

**Left Prop Entries**

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. 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

Printed by EBis 3 (datcomedia.com)

MING WORK

PROP MODEL (L):  
HC-E3YR-ATF/FC7663-2R  
PROP S/N (L) DJ12273B  
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  
A/C TSN: 2374.31  
PROP TT (L): 180.51  
TSPOH (L): 180.51  
TACH: 2374.31

**Left Prop Entries**

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. Blades cleaned inspected, tracked, removed nicks and scratches and painted as required. Lubricated and serviced nitrogen air charge... Propeller LL dynamically balanced. Propeller out of balance at 08 IPS. Corrected to 02 IPS with 3.2 grams of weight at 80 degrees.

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 (L):  
HC-E3YR-ATF/FC7663-2R  
PROP S/N (L) DJ12273B  
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  
A/C TSN: 2400.41  
PROP TT (L): 188.61  
TSPOH (L): 188.61  
TACH: 2400.41

**Left Prop Entries**

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. Blades cleaned inspected, tracked, removed nicks and scratches and painted as required. 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: 04 June, 2013

SIGNED:

Work Order: 14197

Michael Tillman, A&P 2845176 IA

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PROP MODEL (L):  
HC-E3YR-ATF/FC7663-2R  
PROP S/N (L) DJ12273B  
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  
A/C TSN: 2438.31  
PROP TT (L): 224.51  
TSPOH (L): 224.51  
TACH: 2438.31

**Left Prop Entries**

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. Blades cleaned inspected, tracked, removed nicks and scratches and painted as required. 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: 15 August, 2014


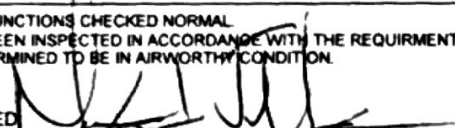



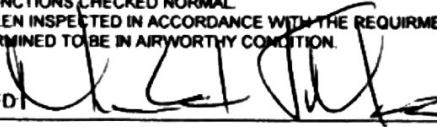
SIGNED:

Work Order: 14733

Michael Tillman, A&P 2845176 IA

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8/15/14

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
				<b>TOTALS</b> brought forward from previous page
PROP MODEL (L): HC-E3YR-ATF/FC7663-2R PROP S/N (L) DJ122738 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 (L): 274 83 TSPOH (L): 274 83 TACH: 2488 63
<b>Left Prop Entries</b>				
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. Blades cleaned inspected, tracked, removed nicks and scratches and painted as required. 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 REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.				
DATE: 01 April, 2017		SIGNED: 		Work Order: 15213
		Michael Tillman, A&P 2845176 IA		Printed by EBis 3 (datcomedia.com)
10/01/2018				PROP MODEL (L): HC-E3YR-ATF/FC7663-2R PROP S/N (L) DJ122738 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 (L): 293 5 TSPOH (L): 293 5 TACH: 2507 3
<b>Left Prop Entries</b>				
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. Blades cleaned inspected, tracked, removed nicks and scratches and painted as required. 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 REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.				
DATE: 01 October, 2018		SIGNED: 		Work Order: 16201
		Michael Tillman, A&P 2845176 IA		Printed by EBis 3 (datcomedia.com)
05/01/2020	302.7	0	2516.5	PROP MODEL (L): HC-E3YR-ATF/FC7663-2R PROP S/N (L) DJ122738 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 (L): 302 7 TSPOH (L): 0 TACH: 2516 5
<b>Left Prop Entries</b>				
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. Blades cleaned inspected, tracked, removed nicks and scratches and painted as required. Lubricated and serviced nitrogen air charge. Propeller LI removed and sent to CRS# 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 ft. 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 REQUIRMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.				
DATE: 01 May 2020		SIGNED: 		Work Order: 16558
		Michael Tillman, A&P 2845176 IA		Printed by EBis 3 (datcomedia.com)
				<b>SUB-TOTALS</b> this page
				<b>TOTALS</b> —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

Left Propeller Log Entry

REG #	N13839	Date	02/01/2022	Model	PA23-250	Serial #	27-4480
MFG	Piper	ACTT	2546	TSP0H	30	PropS/N	DJ12273B

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

Left hand Prop: Hartzell HC-E3YR-2ATF/FC7663-2R

Aircraft: N13839  
Aircraft TT: 2555.8

S/N: DJ12273B

Date: 11/6/2023

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 3842992IA

Win Win Aviation

Left hand Prop: Hartzell HC-E3YR-2ATF/FC7663-2R

Aircraft: N13839  
Aircraft TT: 2557.2

S/N: DJ12273B

Date: 3/12/2025

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 3842992IA

SUB-TOTALS this page

TOTALS—Carry forward to next page

