

# N13839

## 1970 Piper Turbo Aztec D

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# RH Prop Logbook SNEW (2002 - Current)



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.<br>CO 26499                                             |                     | Part Number<br>HC-E3YR-2ATF/FC7663-2R |         |                    |                |        |         |
| Ass'y Ser No.<br>DJ12274B                                                  | Hydr Unit No.<br>NA | Bulkhead No.<br>NA                    |         | Valve No.<br>NA    | Dome No.       |        |         |
| Blade 1<br>J71013                                                          | Blade 2<br>J71015   | Blade 3<br>J71017                     | Blade 4 | Blade 5            | Blade 6        |        |         |
| Carton No.                                                                 | Lbs.                | Weight                                | Kilos   | Height             | Width          | Length | Packing |
| Comments:<br>Deice Kit: NA<br>IDS # 773 3-27-01<br>130 LP/S.L @ 30" Radius |                     |                                       |         |                    |                |        | P33EA   |
| Sold to:<br>AAR AIRCRAFT SERVICES                                          |                     | Customer Order No.<br>14702           |         | Line Item No.<br>0 | Insp. by<br>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

# 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:

DJ12274B

PTSN: 0 00

PTSO: 0 00

Blade Model:

FC7663-2R

#1 - J71013

#2 - J71015

#3 - J71017

"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



RT  
Rev. 6/25/02

PROP MODEL (L)  
HC-E3YR-ATF/FC7663-2R  
PROP S/N (L): DJ12274B  
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: 2213.8  
PROP TT: 0  
TACH: 2213.8

### 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. 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:

*Michael Tillman*  
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:

*Michael Tillman*  
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 S/N (R): DJ122748  
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): 116.19  
TSPOH (R): 116.19  
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

Michael Tillman, A&amp;P 2845176 IA

Work Order: 13137

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PROP MODEL (R):  
HC-E3YR-ATF/FC7663-2R  
PROP S/N (R): DJ122748  
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  
TSPOH (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 Rt. 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

Michael Tillman, A&amp;P 2845176 IA

Work Order: 13651

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PROP MODEL (R):  
HC-E3YR-ATF/FC7663-2R  
PROP S/N (R): DJ122748  
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): 186.61  
TSPOH (R): 186.61  
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

Michael Tillman, A&amp;P 2845176 IA

Work Order: 14197

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PROP MODEL (R):  
HC-E3YR-ATF/FC7663-2R  
PROP S/N (R): DJ122748  
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  
TSPOH (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

Michael Tillman, A&amp;P 2845176 IA

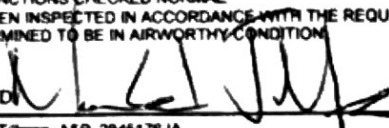
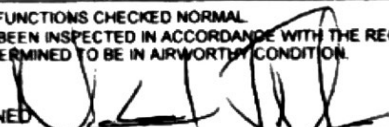
Work Order: 14733

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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—<br>SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK |
|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------------------------------------------------------|------------------------------|-----------------------------------------------------------------------------------------|
| TOTALS brought forward from previous page                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      |                                                                                                                                                                                            |                                                                                                      |                              |                                                                                         |
| PROP MODEL (R):<br>HC-E3YR-ATF/C7663-2R<br>PROP S/N (R): DJ122748<br>REG NO 13839<br>WORK ORDER: 15213<br><br><b>Right Prop Entries</b><br><br>Right Propeller completed a 100 hour inspection for Annual Certification, see Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table III-I.<br>Inspection Report, Item A. Blades cleaned inspected, tracked, removed nicks and scratches and painted as required. Lubricated and checked air charge.<br><br>PROPELLER GROUND OPERATED. ALL FUNCTIONS CHECKED NORMAL.<br>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.                                                                                                                                                                                                                                                                                                         |  <b>Mangon Aircraft, Inc.</b><br>501 Sky Ranch Drive<br>Petaluma, CA 94954-3908<br>Phone (707) 765-1848   | DATE 01 April, 2017<br>A/C TSN: 2488.63<br>PROP TT (R): 274.83<br>TSPOH (R): 274.83<br>TACH: 2488.63 |                              |                                                                                         |
| 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 (R):<br>HC-E3YR-ATF/C7663-2R<br>PROP S/N (R): DJ122748<br>REG NO 13839<br>WORK ORDER: 16201<br><br><b>Right Prop Entries</b><br><br>Right Propeller completed a 100 hour inspection for Annual Certification, see Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table III-I.<br>Inspection Report, Item A. Blades cleaned inspected, tracked, removed nicks and scratches and painted as required. Lubricated and checked air charge.<br><br>PROPELLER GROUND OPERATED. ALL FUNCTIONS CHECKED NORMAL.<br>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.                                                                                                                                                                                                                                                                                                         |  <b>Mangon Aircraft, Inc.</b><br>501 Sky Ranch Drive<br>Petaluma, CA 94954-3908<br>Phone (707) 765-1848   | DATE 01 October, 2018<br>A/C TSN: 2507.3<br>PROP TT (R): 293.5<br>TSPOH (R): 293.5<br>TACH: 2507.3   |                              |                                                                                         |
| DATE: 01 October, 2018                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | SIGNED:                                                                                                 |                                                                                                      | Work Order: 16201            |                                                                                         |
| Michael Tillman, A&P 2845176 IA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                            | Printed by EBis 3 (datcomedia.com)                                                                   |                              |                                                                                         |
| 09/01/2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                     | 302.7                                                                                                                                                                                      | 0                                                                                                    | 2516.5                       |                                                                                         |
| PROP MODEL (R):<br>HC-E3YR-ATF/C7663-2R<br>PROP S/N (R): DJ122748<br>REG NO 13839<br>WORK ORDER: 16558<br><br><b>Right Prop Entries</b><br><br>Right Propeller completed a 100 hour inspection for Annual Certification, see Piper Service Manual Pn. 753-564, IR860921, 08/21/86, Table III-I.<br>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 CRS# S5UR963J for repairs. Propeller needed to be Overhauled due 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.<br><br>PROPELLER GROUND OPERATED. ALL FUNCTIONS CHECKED NORMAL.<br>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. |  <b>Mangon Aircraft, Inc.</b><br>501 Sky Ranch Drive<br>Petaluma, CA 94954-3908<br>Phone (707) 765-1848 | DATE 01 May, 2020<br>A/C TSN: 2516.5<br>PROP TT (R): 302.7<br>TSPOH (R): 0<br>TACH: 2516.5           |                              |                                                                                         |
| DATE: 01 May, 2020                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | SIGNED:                                                                                                |                                                                                                      | Work Order: 16558            |                                                                                         |
| Michael Tillman, A&P 2845176 IA                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                |                                                                                                                                                                                            | Printed by EBis 3 (datcomedia.com)                                                                   |                              |                                                                                         |
| SUB-TOTALS this page                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                           |                                                                                                                                                                                            |                                                                                                      |                              |                                                                                         |
| TOTALS—Carry forward to next page                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              |                                                                                                                                                                                            |                                                                                                      |                              |                                                                                         |

| DATE                                      | TOTAL TIME IN SERVICE | TOTAL TIME SINCE OVERHAUL | TACH OR REC'D TIME METER TIME | DESCRIPTION OF WORK PERFORMED—<br>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  |
| MEG   | Piper  | ACTT | 2546       | TSPON | 30       | Prop S/N | DJ122748 |

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.

## 100hr 100hr Inspection

Right hand Prop: Marshall MC-E57B-3ATW/PC763-2R

Aircraft: N13839 S/N: 173817 Date: 11/6/2021  
Aircraft TC: Z557.2

- 1.) Complied with an 100hr/Annual inspection IAW Piper Service Manual Pn 753-564 Propeller was inspected and indicated 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, engine, propellers, or appliances identified above are hereby approved for return to service as per the work performed.

Signature [Signature]  
AFAA/Boeing 38425521A

## 100hr 100hr Inspection

Right hand Prop: Marshall MC-E57B-3ATW/PC763-2R

Aircraft: N13839 S/N: 173817 Date: 1/12/2025  
Aircraft TC: Z557.2

- 1.) Complied with an 100hr/Annual inspection IAW Piper Service Manual Pn 753-564 Propeller was inspected and indicated 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, engine, propellers, or appliances identified above are hereby approved for return to service as per the work performed.

Signature [Signature]  
AFAA/Boeing 38425521A

7-9-26 N13839 Rt prop Tach: 2674.8 Total: 2678.8

Inspected propeller in accordance with applicable sections of FAR 43 appendix D. I certify this prop has been inspected in accordance with a 100hr inspection and was found to be in airworthy condition. David Bogan A&P 455216543 David Bogan

TOTALS—Carry forward to next page

