

FL-68
RH
182

D.O.A. — F.A.A. Approved
Manual No. 139
May 1984
Reprinted April 1987

Propeller Owner's Manual & Log Book

For Propeller Models

Series HC-B3()

Series HC-B4()

Series HC-B5()

Series HC-A3() (ALLISON)

Constant Speed, Feathering, and Reversing
Three, Four, and Five Blade

Hartzell Propeller Inc.
Manual No. 139

**DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS, SERVICE LETTERS,
& MINOR ADJUSTMENTS**

Date	Tach Time	Description of Inspection, Repair or Adjustment	Signature
	Hobbs <u>153.4</u>	Total Time <u>153.4</u> This <u>propelled</u> has been inspected in accordance with FAR91.409(F)opt.(3) and was conducted according to the Beech p/n <u>130-590031-15C</u> most current approved Beech inspection program for a <u>150hr. Ext. primary</u> inspection and was determined to be in airworthy condition. Details are on file at this facility under W.D. <u>14205</u> Date <u>7-31-92</u> Signed <u>[Signature]</u> HANGAR ONE, INC FULTON COUNTY-BROWN FIELD CRS ERYR682D ATLANTA, GA 30336	
	Hobbs <u>306.8</u>	Total Time <u>306.8</u> This <u>propelled</u> has been inspected in accordance with FAR91.409(F)opt.(3) and was conducted according to the Beech p/n <u>130-590031-15C</u> most current approved Beech inspection program for a <u>150 hrs. Ext. 1st. Int. Ins.</u> inspection and was determined to be in airworthy condition. Details are on file at this facility under W.D. <u>14676</u> Date <u>11-13-92</u> Signed <u>[Signature]</u> HANGAR ONE, INC FULTON COUNTY-BROWN FIELD CRS ERYR682D ATLANTA, GA 30336	
	Hobbs <u>451.4</u>	Total Time <u>451.4</u> This <u>propelled</u> has been inspected in accordance with FAR91.409(F)opt.(3) and was conducted according to the Beech p/n <u>130-590031-15C</u> most current approved Beech inspection program for a <u>150 hrs. 2nd Int. Ins.</u> inspection and was determined to be in airworthy condition. Details are on file at this facility under W.D. <u>15200</u> Date <u>3-11-93</u> Signed <u>[Signature]</u> UNITED BEECHCRAFT FULTON COUNTY-BROWN FIELD CRS ERYR682D ATLANTA, GA 30336	Page

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Hobbs 586.5 Total Time 586.5
 This PROPELLER has been inspected in accordance with FAR91.409(F)opt. (3) and was conducted according to the Beech p/n 130-590031-15C most current approved Beech inspection program for a 150 hr Third Interim inspection and was determined to be in airworthy condition. Details are on file at this facility under W.O. 15739
 Date 6-11-93 Signed [Signature]
 UNITED BEECHCRAFT FULTON COUNTY-BROWN FIELD
 CRS ERYR682D ATLANTA, GA 30336

Hobbs 751.3 Total Time 751.3
 This PROPELLER has been inspected in accordance with FAR91.409(F)opt. (3) and was conducted according to the Beech p/n 130-590031-15C most current approved Beech inspection program for a 150 hr Ext. Primary inspection and was determined to be in airworthy condition. Details are on file at this facility under W.O. 16294
 Date 9-10-93 Signed [Signature]
 UNITED BEECHCRAFT FULTON COUNTY-BROWN FIELD
 CRS ERYR682D ATLANTA, GA 30336

Hobbs 883.4 Total Time 883.4
 This PROPELLER has been inspected in accordance with FAR91.409(F)opt. (3) and was conducted according to the Beech p/n 130-590031-15C most current approved Beech inspection program for a 150 HR. 1ST INTERIM inspection and was determined to be in airworthy condition. Details are on file at this facility under W.O. 16636
 Date 11-18-93 Signed [Signature]
 UNITED BEECHCRAFT FULTON COUNTY-BROWN FIELD
 CRS ERYR682D ATLANTA, GA 30336

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Date	Tach Time	Description of Inspection, Repair or Adjustment	Signature
	Hobbs <u>1006.7</u>	Total Time <u>1006.7</u>	
	This <u>Propeller</u>	has been inspected in accordance with FAR91.409(F)opt. (3) and was conducted according to the Beech p/n <u>130-590031-15C</u> most current approved Beech inspection program for a <u>150 hr. second interim</u> inspection and was determined to be in airworthy condition. Details are on file at this facility under W.O. <u>11.04.16990</u>	
	Date <u>2.11.94</u>	Signed <u>Joe Calhoun</u>	
	UNITED BEECHCRAFT	FULTON COUNTY-BROWN FIELD	
	CRS ERYR682D	ATLANTA, GA 30336	

Hobbs <u>1164.3</u>	Total Time <u>1164.3</u>	
This <u>Propeller</u>	has been inspected in accordance with FAR91.409(F)opt. (3) and was conducted according to the Beech p/n <u>130-590031-15C</u> most current approved Beech inspection program for a <u>150 hr. 3rd interim</u> inspection and was determined to be in airworthy condition. Details are on file at this facility under W.O. <u>11.04.17262</u>	
Date <u>5.5.94</u>	Signed <u>Joe Calhoun</u>	
UNITED BEECHCRAFT	FULTON COUNTY-BROWN FIELD	
CRS ERYR682D	ATLANTA, GA 30336	

Hobbs <u>1311.2</u>	Total Time <u>1311.2</u>	
This <u>propeller</u>	has been inspected in accordance with FAR91.409(F)opt. (3) and was conducted according to the Beech p/n <u>130-590031-15C</u> most current approved Beech inspection program for a <u>150 hr. EXT. PRIMARY</u> inspection and was determined to be in airworthy condition. Details are on file at this facility under W.O. <u>17635</u>	
Date <u>7-21-94</u>	Signed <u>Lee Brubaker</u>	
UNITED BEECHCRAFT	FULTON COUNTY-BROWN FIELD	
CRS ERYR682D	ATLANTA, GA 30336	

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Date	Tach Time	Description of Inspection, Repair or Adjustment	Signature
	Hobbs <u>1456.8</u> Total Time <u>1456.8</u> This <u>PROPELLER</u> has been inspected in accordance with FAR91.409(F)opt. (3) and was conducted according to the Beech p/n <u>130-590031-15C</u> most current approved Beech inspection program for a <u>150-HOUR</u> inspection and was determined to be in airworthy condition. Details are on file at this facility under W.D. <u>12995</u> Date <u>10/24/94</u> Signed <u>John W. Hill</u> UNITED BEECHCRAFT FULTON COUNTY-BROWN FIELD CRS ERYR682D ATLANTA, GA 30336		
-95	1617.7	REPLACED ALL DE-ICE BOOT PIGTAILS.	
	Hobbs <u>1617.7</u> Total Time <u>1617.7</u> This <u>PROPELLER</u> has been inspected in accordance with FAR91.409(F)opt. (3) and was conducted according to the Beech p/n <u>130-590031-15C</u> most current approved Beech inspection program for a <u>150 hr 2ND INTERIM</u> inspection and was determined to be in airworthy condition. Details are on file at this facility under W.D. <u>18443</u> Date <u>2-17-95</u> Signed <u>DM Shelley</u> UNITED BEECHCRAFT FULTON COUNTY-BROWN FIELD CRS ERYR682D ATLANTA, GA 30336		

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Date	Tach Time	Description of Inspection, Repair or Adjustment	Signature
	Hobbs <u>1756.4</u>	Total Time <u>S.O. 1756.4</u> This <u>PROPELLER</u> has been inspected in accordance with FAR91.409(F)opt. <u>(3)</u> and was conducted according to the Beech p/n <u>130-590031-13C</u> most current approved Beech inspection program for a <u>150-HOUR</u> inspection and was determined to be in airworthy condition. Details are on file at this facility under W.O. <u>18713</u> Date <u>5/12/95</u> Signed <u>John W. Hill</u> UNITED BEECHCRAFT FULTON COUNTY-BROWN FIELD CRS ERYR682D ATLANTA, GA 30336	

	Hobbs <u>1957.4</u>	Total Time <u>1957.4</u> This <u>PROPELLER</u> has been inspected in accordance with FAR91.409(F)opt. <u>(3)</u> and was conducted according to the Beech p/n <u>130-590031-11A6</u> most current approved Beech inspection program for a <u>PHASE 1</u> inspection and was determined to be in airworthy condition. Details are on file at this facility under W.O. <u>19143</u> Date <u>9/15/95</u> Signed <u>John W. Hill</u> UNITED BEECHCRAFT FULTON COUNTY-BROWN FIELD CRS ERYR682D ATLANTA, GA 30336	
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**RAYTHEON AIRCRAFT SERVICES, INC. CRS ERYR682D
FULTON CO.-BROWN FIELD ATLANTA, GA 30336**

HOBBS 2148.2 TOTAL TIME 2148.2

THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409(F) OPT. (3) AND WAS CONDUCTED ACCORDING TO THE BEECH PN 130-590031-11A6 MOST CURRENT APPROVED BEECH INSPECTION PROGRAM FOR A PHASE 2 INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. DETAILS ARE ON FILE UNDER WORK ORDER NO. 19584

SIGNED John W. Hill DATE 1-12-96

**DESCRIPTION OF ALL OPERATIONS
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Tach Time	Description of Inspection, Repair or Adjustment	Signature
	<p>RAYTHEON AIRCRAFT SERVICES, INC. CRS ERYR682D FULTON CO.-BROWN FIELD ATLANTA, GA 30336</p> <p>HOBBS <u>2348.4</u> TOTAL TIME <u>2348.4</u></p> <p>THIS <u>Propeller</u> HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91. 409(F) OPT. (3) AND WAS CONDUCTED ACCORDING T THE BEECH PN <u>130-590031-11</u> MOST CURRENT APPROVED BEECH INSPECTION PROGRAM FOR A <u>Phase 3</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. DETAILS ARE ON FILE UNDER WORK ORDER NO. <u>1104-12982</u></p> <p>SIGNED <u>Darin Brooks</u> DATE <u>5-3-96</u></p>	
	<p>RAYTHEON AIRCRAFT SERVICES, INC. CRS ERYR682D FULTON CO.-BROWN FIELD ATLANTA, GA 30336</p> <p>HOBBS <u>2543.9</u> TOTAL TIME <u>2543.9</u></p> <p>THIS <u>Propeller</u> HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91. 409(F) OPT. (3) AND WAS CONDUCTED ACCORDING T THE BEECH PN <u>STARS 0500-10</u> MOST CURRENT APPROVED BEECH INSPECTION PROGRAM FOR A <u>Phase 4</u> INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. DETAILS ARE ON FILE UNDER WORK ORDER NO. <u>20403</u></p> <p>SIGNED <u>Darin Brooks</u> DATE <u>8/25/96</u></p>	

DESCRIPTION OF ALL OPERATIONS PERTAINING TO AIRWORTHINESS DIRECTIVES, SERVICE BULLETINS, SERVICE LETTERS, & MINOR ADJUSTMENTS

Date	Tach Time	Description of Inspection, Repair or Adjustment	Signature																				
1/96		Overhaul of Propeller Per a/H Manual # 1187 c/w A.D. 96-18-14																					
<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 30%;">MAKE <u>Hestzell</u></td> <td style="width: 30%;">MODEL NO <u>FR34MP-3B</u></td> <td style="width: 30%;">SERIAL NO <u>7WA2129</u></td> <td style="width: 10%;"></td> </tr> <tr> <td colspan="4" style="text-align: center;"> THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE PRACTICES AND THE FEDERAL AVIATION ADMINISTRATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE </td> </tr> <tr> <td colspan="4"> PERMITS AND DETAILS OF REPAIRS ARE ON FILE AT THIS LOCATION UNDER WORK ORDER NO. <u>20696</u> DATE <u>11/13/96</u> </td> </tr> <tr> <td colspan="4"> SIGNED: <u>[Signature]</u> DATE <u>11/13/96</u> </td> </tr> <tr> <td colspan="4"> FOR ATLANTA PROPELLER SERVICE, INC., FAA APPROVED CERTIFICATE NO. DR4R118M, 4787 CLARK HOWELL HIGHWAY, COLLEGE PARK, GEORGIA 30349 PHONE (404) 761-7220 </td> </tr> </table>				MAKE <u>Hestzell</u>	MODEL NO <u>FR34MP-3B</u>	SERIAL NO <u>7WA2129</u>		THE AIRCRAFT IDENTIFIED ABOVE WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH CURRENT MAINTENANCE PRACTICES AND THE FEDERAL AVIATION ADMINISTRATION REGULATIONS AND IS APPROVED FOR RETURN TO SERVICE				PERMITS AND DETAILS OF REPAIRS ARE ON FILE AT THIS LOCATION UNDER WORK ORDER NO. <u>20696</u> DATE <u>11/13/96</u>				SIGNED: <u>[Signature]</u> DATE <u>11/13/96</u>				FOR ATLANTA PROPELLER SERVICE, INC., FAA APPROVED CERTIFICATE NO. DR4R118M, 4787 CLARK HOWELL HIGHWAY, COLLEGE PARK, GEORGIA 30349 PHONE (404) 761-7220			
MAKE <u>Hestzell</u>	MODEL NO <u>FR34MP-3B</u>	SERIAL NO <u>7WA2129</u>																					
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FOR ATLANTA PROPELLER SERVICE, INC., FAA APPROVED CERTIFICATE NO. DR4R118M, 4787 CLARK HOWELL HIGHWAY, COLLEGE PARK, GEORGIA 30349 PHONE (404) 761-7220																							

Raytheon Aircraft Services FTY FAA CRS ERYR682D
 3992 Aviation Circle Atlanta Georgia 30336

77W FL-68 Hourmeter: 2643.2 AFTT: 2643.2 11-13-96
 ht Propeller Hub SN: FWA2129 TSN: 2643.2 TSO: 0.0

Installed this propeller on RH engine SN PCE 95630. Performed all rigging and
 and run checks.

Aircraft was repaired and inspected in accordance with current FAA regulat
 found to be airworthy for return to service. Details are on file under work orde
 ber: 11-04-20696.

Authorized signature: [Signature] Date: 11-13

Raytheon Aircraft Services FTY
3992 AVIATION CIRCLE

ATLANTA GEORGIA 30336

HOBBS 2977.3 TOTAL TIME 2977.3

THIS Propeller HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409(F) OPT. (3) AND WAS CONDUCTED ACCORDING TO THE 130-590031-11A7 MOST CURRENT APPROVED Phase 2 INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. DETAILS ARE ON FILE UNDER WORK ORDER NO. 11-04-021695

SIGNED [Signature] DATE 07-16-97

Raytheon Aircraft Services FTY

Raytheon Aircraft Services FTY
3992 AVIATION CIRCLE

CRS ERYR682D
ATLANTA GEORGIA 30336

HOBBS 3169.7 TOTAL TIME 3169.7

THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409(F) OPT. (3) AND WAS CONDUCTED ACCORDING TO THE 130-590031-11A7 MOST CURRENT APPROVED Phase 3 INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. DETAILS ARE ON FILE UNDER WORK ORDER NO. 11-04-22246

SIGNED [Signature] DATE 11/26/97

Raytheon Aircraft Services FTY
3992 AVIATION CIRCLE

CRS ERYR682D
ATLANTA GEORGIA 30336

HOBBS 3376.3 TOTAL TIME 3376.3

THIS Propeller HAS BEEN INSPECTED IN ACCORDANCE WITH FAR 91.409(F) OPT. (3) AND WAS CONDUCTED ACCORDING TO THE 130-590031-11A7 MOST CURRENT APPROVED Phase 4 INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION. DETAILS ARE ON FILE UNDER WORK ORDER NO. 11-04-22931

SIGNED [Signature] DATE 4/16/98

Tulsa **Beechcraft!** *Memphis Inc*

2930 WINCHESTER RD. MEMPHIS TN 38125

PH. 901-346-1847

CRS # T8BR652N

Sept. 4, 1998 Hourmeter: 3577.2 N877V S/N FL-68

Complied with the Phase 1, Phase 2, Phase 3 and Phase 4 inspection items, chapter 5-20-00, pages 6 through 118 using the Beechcraft Model B300 maintenance manual inspection guide. Complied with AD 83-08-01 R1, propeller bolts, by verifying proper bolts are installed and torqued to the proper value. See AD list printed 8/26/98.

I certify that this propeller has been inspected in accordance with a factory approved airworthiness inspection program under FAR 91.409, option (f)(3) and is approved for return for service.

James A Boltinghouse

James A Boltinghouse

Details on file under W.O.# 710464

WO: 257103
REG #: N543MA
SN: FL-68
Hobbs: 4140.1
Date: 09/04/01



Elliott Aviation of the Quad Cities, Inc.
Quad City Airport
PO Box 100
Moline, IL 61266-0100
FAA CRS CGHR812C

RIGHT PROPELLER LOG ENTRY

Removed propeller model HC-B4MP-3C SN FWA 2129 from this aircraft.

END

SIGNED

A handwritten signature in black ink, appearing to read 'Tim P. Harty', written over a horizontal line.

Tim P. Harty

ELLIOTT AVIATION OF THE QUAD CITIES, INC.
FAA APPROVED CRS #CGHR812C
QUAD CITY AIRPORT, MOLINE, IL

WO: 257103
REG #: N593MA
SN: FL-68
Hobbs: 4140.1 ACTT: 4140.1
Date: 09/25/01 ACTC: 4140
Prop TTSN: 4140.1 TSO: 0.0



Elliott Aviation of the Quad Cities, Inc.
Quad City Airport
PO Box 100
Moline, IL 61266-0100
FAA CRS CGHR812C

RIGHT PROPELLER LOG ENTRY

1. Completed this date **Phase 1 Inspection** using Raytheon approved form as a guide.
2. Reinstalled propeller model number HC-B4MP-3C serial number FWA 2129, after overhaul by Aircraft Propeller Service Inc work order number 60566.
3. Researched applicable Airworthiness Directives & Airframe mandatory Service Bulletins, compliance at this time as follows: None

-----END-----

I certify this **Propeller** has been inspected in accordance with a **Phase 1 Inspection** and was determined to be in airworthy condition per FAR 91.409(f)(3). Pertinent details are on file at this agency on Work Order # 257103 Date 09/25/01.

ELLIOTT AVIATION OF THE QUAD CITIES, INC.
QUAD CITY AIRPORT, MOLINE, IL

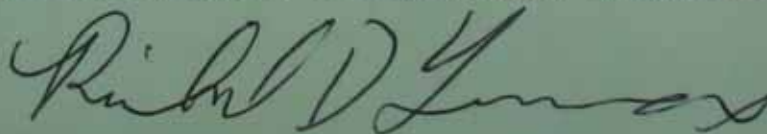
SIGNED  Tim P. Hartv
FAA APPROVED REPAIR STATION # CGHR812C

N593MA S/N FL68 HOBBS = 4337.1 TAF = 4337.1 ^{Air Frame} CYCLES = 4336 7/16/02
Right Prop. S/N FWA2129 TT = 4337.1 TSO197.0

- 1) C/W Phase 2,3,4 Inspections in accordance with current Beech 350 Maintenance Manual.
- 2) Performed routine maintenance and servicing.

I certify that this aircraft was inspected in accordance with current FAA regulations and is approved for return to service. Details on file under W.O.# 1509.

For AVIATION METAL WORKS, CRS # VMORO26Y



Richard D. Lennox AP376686202

Hartzell Propeller Inc.
Manual No. 139

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5-13-03	4540.2	PHASE 1 INSPECTION, W.O. 1672 R. Linnex CRS VMOR026Y	

Right Prop
N593MA AFTT = 4741.1 CYCLES = 4677 5/14/04

C/W Phase 2,3,4 inspections in according to current Chapter 5 and Maintenance Manuals.

service. Details on file under W.O.#1831.
For AVIATION METAL WORKS, CRS # VMOR026Y

Steven A. Measel

Steven A. Measel AP362769952

1-4-05	4950.2	PHASE 1 INSPECTION, W.O. 1971 R. Linnex CRS # VMOR026Y	
7-21-05	5141.1 AFTT.	PHASE 2 INSPECTION 9w. W.O. 2074 R. Linnex CRS # VMOR026Y	
4-26-06	5320.9 AFTT.	A.D. 05-14-11 NA. NO RECORD OF REPAIR PHASE 3+4 INSPECTION 9w, W.O. 2165 R. Linnex CRS VMOR026Y	