

Book #1

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**HARTZELL**

# Propeller Owner's Manual & Log Book

**HARTZELL PROPELLER INC.**

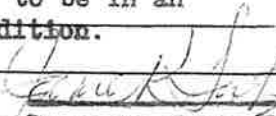
One Propeller Place  
Piqua, OH 45356-2634 U.S.A.  
Telephone: 513-778-4200  
Telex: 4332032  
Fax: 513-778-4391





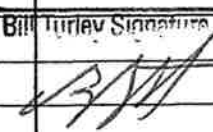
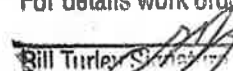
Hartzell Propeller  
Manual No. 115 N

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
7/23/98 N3004P	Tach = 2716.4	INSTALL HARTZELL PROP MODEL HC-C34R-1RF/ F 7663R S/N DY 2999A PER STC #5A1791GL SENSEWICH PROP SERV INC, 519 E AIRPORT RD, WITIZ, PA. 17543 REP. STA. #QV9R194N Jacob H. Mann 153302291	
8-14-99	Tach = 2996.3 TTSW 637.11	I certify that I have inspected this Propeller in accordance with an <u>100 HR</u> inspection and determined it to be in an <u>airworthy condition.</u>	 James R. Seitz A&P 1551586 P.A.

Hartzell Propeller  
Manual No. 115 N

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
		7-31-00 AIRCRAFT ENGINEERING INC. Bartow Airport 813 / 533-1870 Repair Station FAA Approved VF4R594M TAC <u>3145</u> Total Time <u>785.81</u> TTSW I certify that this <u>PROPELLER</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and has been determined to be in airworthy condition. AD's thru Card <u>2000-13</u> AD list back of log book. For details work order # <u>7040A</u>	 Bill Turley Signature Inspector
		8-3-01 AIRCRAFT ENGINEERING INC. Bartow Airport 813 / 533-1870 Repair Station FAA Approved VF4R594M TAC <u>3350</u> Total Time <u>990.81</u> TTSW I certify that this <u>PROPELLER</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and has been determined to be in airworthy condition. AD's thru Card <u>2001-13</u> AD list back of log book. For details work order # <u>714423</u>	 Bill Turley Signature Inspector

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4120 Roush Avenue  
Orlando, Florida 32803  
Telephone (407) 894-2412

F.A.A. APPROVED REPAIR STATION MEAR359M  
PROPELLER CLASS 2  
PROPELLER LIMITED

S  
TIVES,  
RS,

DATE

SIGNATURE

INSTALLED ON

WORK ORDER 6871G

INSPECTOR

POSITION

DATE

API FORM 17 REV. 1

REMARKS: MAJOR OVERHAUL N.T.S.O.

MODEL F-4-11

SERIAL NO. B394U

CUSTOMER AIRCRAFT ENGINEERING, INC. DATE 7/27/00

AVIATION PROPELLERS, INC.  
SERVICEABLE TAG

HARTZELL PROPELLER INC.

Manual No. 115N

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
		Date <u>8-16-02</u> AIRCRAFT ENGINEERING INC. Bartow Airport 813 / 533-1870	
		Repair Station FAA Approved VF4R594M TAC <u>3573</u> Total Time <u>1153.81 TTSN</u>	
		I certify that this <u>Propeller</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and has been determined to be in airworthy condition. AD's thru Card <u>2002-14</u> AD list back of log book. For details work order # <u>8218</u>	
		Inspector Bill Turley Signature <u>[Signature]</u> Rating	
		Date <u>8-26-03</u> AIRCRAFT ENGINEERING INC. Bartow Airport 813 / 533-1870	
		Repair Station FAA Approved VF4R594M TAC <u>3877</u> Total Time <u>1350</u>	
		I certify that this <u>Propeller</u> has been inspected in accordance with an <u>ANNUAL</u> inspection and has been determined to be in airworthy condition. AD's thru Card <u>2002-16</u> AD list back of log book. For details work order # <u>8320</u>	
		Inspector Bill Turley Signature <u>[Signature]</u> Rating	

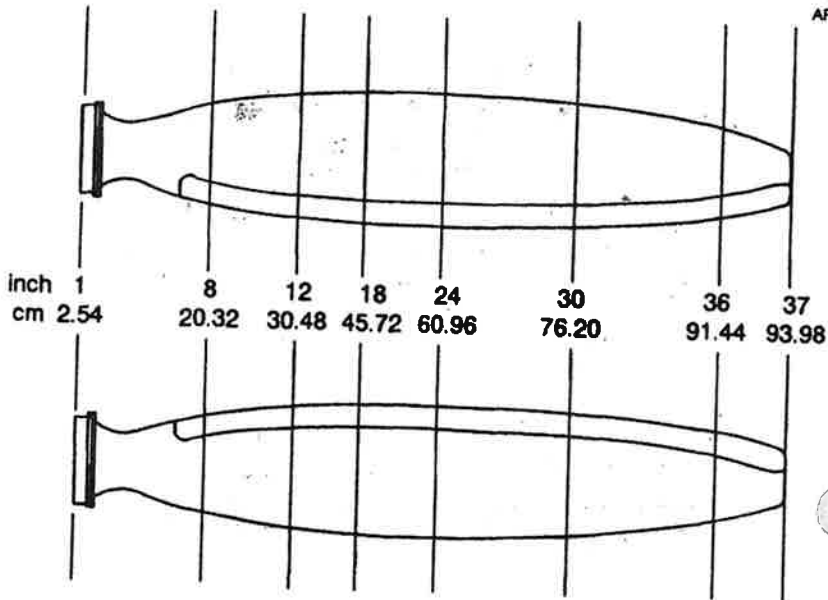
TT 1903 TAC 3877  
REMOVED BY DJF

**HARTZELL PROPELLER INC.**  
**Manual No. 115N**

Record of Model B7466 Composite Blade Damage Repair

Blade Design \_\_\_\_\_

Blade Serial Number \_\_\_\_\_



Location of Damage

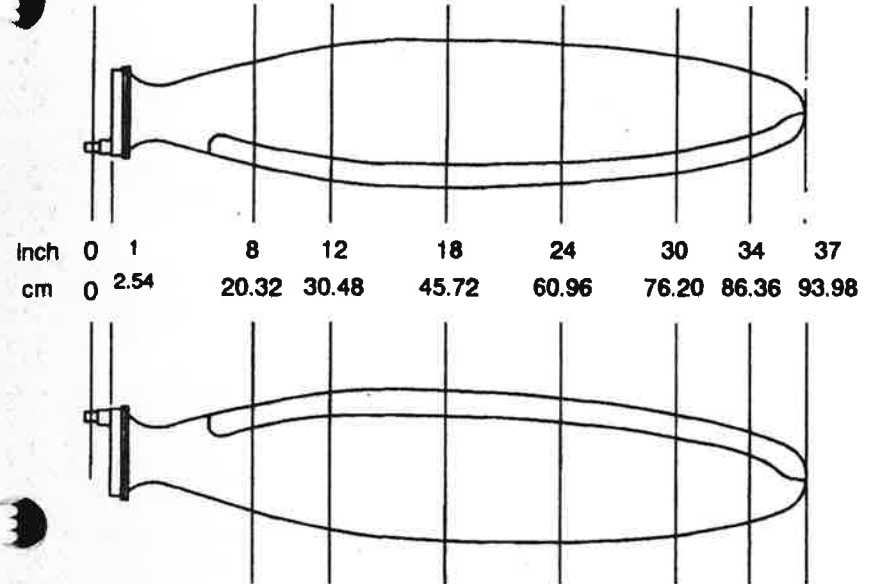
inch	1	8	12	18	24	30	36	37
cm	2.54	20.32	30.48	45.72	60.96	76.20	91.44	93.98

**HARTZELL PROPELLER INC.**  
**Manual No. 115N**

Record of Model B7421 Composite Blade Damage Repair

Blade Design \_\_\_\_\_

Blade Serial Number \_\_\_\_\_



Location of Damage

inch	0	1	8	12	18	24	30	34	37
cm	0	2.54	20.32	30.48	45.72	60.96	76.20	86.36	93.98

Date of Entry	Flight Hours	Degree of Damage (airworthy/unairworthy) Description of Damage	Description of Repair	Repaired By
<b>CLOSED</b>				
<b>8/26/04</b>				
<b>SEE BOX 2</b>				

Date of Entry	Flight Hours	Degree of Damage (airworthy/unairworthy) Description of Damage	Description of Repair	Repaired By

Box # 2  
N3004P




**MID FLORIDA AIRCRAFT PROPELLER, INC.**

4120 ROUSH AVENUE, ORLANDO, FLORIDA 32803  
PHONE (407) 894-2412 • FAX (407) 894-0069  
F.A.A. APPROVED REPAIR STATION • G2BR293X



# MAINTENANCE & SERVICE HISTORY

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures Repairman and Station Certificate Numbers
August	UNK	0.0	<p>August 26, 2004 Performed Overhaul of propeller assembly HC-C3YR-1RF/F7663R, S/N DY2999A. Comply with AD2002-09-08, and AD94-17-13. All details of this repair are on file at Mid Florida Aircraft Propeller Inc. Repair Station G2BR293X. Under work order 1209A</p> <p></p> <p>Geoffrey W. Gubbins President/General Manager</p>	

# MAINTENANC

Date	Total Propeller Time	Time Since Overhaul
Date	9-2-04	
MID FLORIDA AIRCRAFT ENGINEERING INC.	Barrow Airport	
813 / 533-1870	Repair Station FAA Approved VF4R594	
TAC 3877	Total Time 190	
I certify that this	PROP	
been inspected in accordance with an	OVERHAUL	
determined to be in airworthy condition.	AD's thru Card 04-16	
AD list back of log book.	For details work order # A8424	
Bill Turley Signature	Inspector	Hagan

NOTE: Enter Compliance With All Applicable

# MAINTENANCE & SERVICE HISTORY

1. Approving National Aviation Authority/Country: FAA/UNITED STATES		2. <b>AUTHORIZED RELEASE CERTIFICATE</b> FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 1630CLE	
4. Organization Name and Address: Mid Florida Aircraft Propeller, Inc 20 Roush Ave. Tampa Florida, 32903 Pair Station # G2BR293X				5. Work Order/Contract/Invoice Number: 1209A		
6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:
	HARTZELL PROPELLER	HC-C3YR-1R/97863R	VARIOUS	1	DY2999A	OVERHAUL
Remarks: OVERHAULED PROPELLER UAW HARTZELL MANUALS 113B, 133C & 202A. COMPLIED WITH AD 2002-09-08, AD 94-17-13, SB97A, SB136H, SB189E, SB119F, SB23K, AND SB263R2. IN: UNK TSO: 0.0 MADE SN: #1- HQ5813 #2- HQ5817 #3- HQ5815						
Certifies the items identified above were manufactured in conformity to: <input type="checkbox"/> Approved design data and are in a condition for safe operation. <input type="checkbox"/> Non-approved design data specified in Block 13.		19. <input checked="" type="checkbox"/> 14 CFR 43.9 Return to Service <input type="checkbox"/> Other regulation specified in Block 13 Certifies that unless otherwise specified in block 13, the work identified in Block 12 and described in Block 13 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.				
Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature:		21. Approval/Certificate No.:
Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): GEOFFREY W. GUBBINS		23. Date (m/d/y): 26 AUG 2004
<b>User/Installer Responsibilities</b>						
Important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly. The user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in block 1. It is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in blocks 14 and 19 do not constitute installation certification. In all cases, aircraft maintenance records must contain an installation certification issued in accordance with the national regulations by the user/installer before the aircraft may be flown.						
Form 8130-3 (6-01)		*Installer must cross-check eligibility with applicable technical data.			NSN: 0052-09-012-9005	

NOTE: Enter Compliance With All Applicable

# MAINTENANCE

	Authorized Signatures Repairman and Station Certificate Numbers
overhaul of propeller 3R, S/N DY2999A. and AD94-17-13. All at Mid Florida Aircraft 2BR293X. Under work	

Date	Total Propeller Time	Time Since Overhaul
Date <u>9-2-04</u>		
<b>AIRCRAFT ENGINEERING INC</b>		
Barlow Airport		
813 / 533-1870		
Repair Station FAA Approved VF4		
TAC <u>3877</u>	Total Time	
I certify that this <u>PROP</u>		
has been inspected in accordance with an		
<u>OVERHAUL</u> inspection and has		
determined to be in airworthy condition.		
AD's thru Card		<u>04-16</u>
AD not back of log book.		
For details work order #		<u>A842</u>
Bill Turley Signature		Inspector
		Rep

NOTE: Enter Compliance With All Appl



# MAINTENANCE & SERVICE HISTORY

# MAINTENAN

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures Repairman and Station Certificate Numbers
	2104	140	Date <u>9-17-89</u>	
	TAC	4017	AIRCRAFT ENGINEERING INC. Bartow Airport 813/533-1870 Repair Station FAA Approved VE42504M	
			TAC <u>4017</u> Total Time <u>2104</u>	
			I certify that this <u>TAC</u> has	
			been inspected in accordance with an	
			<u>AD</u> inspection and has been	
			determined to be in airworthy condition.	
			AD's thru Card <u>12-18</u>	
			AD list back of log book	
			For details work order # <u>8519</u>	
			Bill Turley Signature <u>[Signature]</u> Inspector <u>[Signature]</u>	

Date	Total Propeller Time	Time Since Overhaul
	2184	320
	TAC	4097

NOTE: Enter Compliance With All Applicable FAA A.D. & Factory Service Bulletins

NOTE: Enter Compliance With All App

