



**AMERICAN PROPELLER SERVICE, Inc.**

**Redding Municipal Airport**

**Redding, California 96002, U.S.A.**

**PHONE NUMBER (916) 221-4470/221-4521**

**FAA REPAIR STATION 412-24**

**PROPELLER LOGBOOK**

## OUR WARRANTY

and governors that are totally remanufactured by American Propeller Service, Inc. will carry a 1,000 hour or 24 month guarantee, whichever is less. This guarantee will be workmanship and parts that were replaced during overhaul.

## DYNAMIC BALANCING

Dynamic balancing consists of balancing the engine, propeller and spinner components by electronic means. This procedure takes place while the propeller is being balanced on a special aircraft being dynamically balanced. A dynamic balance job by American Propeller Service, Inc. is highly recommended by World War II flying Ace, Bob Hoover. Bob commented "I cannot recall having a flight ever so smooth".

*Bob Hoover*

Our aircraft can fly as smooth as Bob Hoover's Commander by having it dynamically balanced by American Propeller Service, Inc. By dynamically balancing your aircraft, we make your aircraft run as smooth as our propellers!

This means longer life of airframes, engines and other components.

## PROPELLER MAINTENANCE RECORD

Propeller Manufacturer: HARTZELL



Left Engine



Right Engine



Front Engine



Rear Engine

Hub Model No. HC-F35R-2UF

Hub Serial No. DA408

Blade Model No. EC7479B-2R

Blade Serial No. 1 E29131

No. 2 E58548

No. 3 E58545

No. 4 \_\_\_\_\_

No. 5 \_\_\_\_\_

### PITCH RANGE

High \_\_\_\_\_ Low 13.5 ± .2 Feather 81.7 Reverse \_\_\_\_\_

Pitch \_\_\_\_\_

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

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

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

E	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
		<p>Engine logs determined from            installed at annual 8-13-84            T-1A aircraft &amp; Engine 1685.1</p> <p>1500TBO — 523.6 hr            = 976.4 To TBO remaining.            7-24-90</p>	

[illegible]

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE

			V		
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DATE	TACH TIME	DESCRIPTION OF WORK	SIG

Signed Gregory A. Sander Authorized Individual



**Member**  
**INTERNATIONAL**  
**PILOTS' ASSOCIATION**

**Robertson Aircraft, Inc.**  
 P.O. Box 9235 AMF  
 ALBUQUERQUE INTERNATIONAL AIRPORT  
 Albuquerque, New Mexico 87119  
 (505) 842-4211  
 GRS-201-23

*"Service by the Professionals"*

# PART Propeller

**MODEL HC-F3YR-20**

**SERIAL # DA408**

**CUSTOMER Capitol Aviation**

**REMARKS** Installed new low pitch  
stop and set blade angles. Filed  
and painted blades.

THE ABOVE AIRCRAFT COMPONENT WAS REPAIRED AND INSPECTED IN ACCORDANCE WITH FAA REGULATIONS. THIS UNIT MAY REQUIRE FURTHER INSPECTION BEFORE ITS RETURN TO SERVICE. ONLY WORK DETAILLED IS COVERED BY THIS RELEASE.

—

2.

3. W.O. # 12107

DATE 6-18-87

**SIGNED**

INSPECTOR

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
3/21/89	Hobbs 236.4	I certify that this propeller has been inspected in accordance with Annual Inspection and was determined to be in airworthy condition." Tach reads. 236.4	
		Date 3/21/89 A.T.# 052133	
		Name [Signature]	

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
8-24-90	291.7	Re-installed prop after return from prop shop. AD 77-12-06 CW, see yellow tag this log.	
		I certify that this <u>propeller</u> has been inspected in accordance with a <u>100HR</u> inspection and was determined to be in Airworthy condition.	
		Signature: <u>Neatman</u>	
		License No.: 1814965	
		Date: <u>8-24-90</u>	

*Handwritten notes:*  
 Hostyell  
 9/26/90  
 + B0 1500 hr  
 or 4 years  
 (Approved by A&P)  
 77-12-06 disc  
 7-3-94 or 3185-11AT

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& MINOR ADJUSTMENTS**

DATE	TACH TIME	DESCRIPTION OF WORK	
Date <u>8-04-90</u>		Engine Time	
	Aircraft Time <u>2208.7</u>	Prop	
		I Certify This Engine / Aircraft <u>Propeller</u>	
		Inspected Per <u>Annual</u> Inspection	
		And Determined To Be In Airworthy Condition.	
		Signed <u>[Signature]</u> A&P No. <u>A 1 . C. 1609226</u>	

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& MINOR ADJUSTMENTS**

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
		<p>a. 9-1-91 2257.7  Engine Time  <del>Prop</del> Time 2257.7 Prop  Verify This Engine / Aircraft  Inspected Per 100/Hr Inspection  And Determined To Be In Airworthy  Condition.</p> <p>Signed _____ A&amp;P No. 1609226  _____ A I No. _____</p>	
5/1/93	2421.6	<p>CERTIFY THAT THIS Prop HAS BEEN INSPECTED  ACCORDANCE WITH A Approved INSPECTION AND WAS  DETERMINED TO BE IN AIRWORTHY CONDITION.  DATED 5/1/93 TOTAL RECORDED TIME 736.5 HOURS  SIGNED Mont J. [Signature] CERT. NO. 4897036/2</p>	

**DESCRIPTION OF ALL OPERATIONS  
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SERVICE BULLETINS, SERVICE LETTERS,  
& MINOR ADJUSTMENTS**

[illegible]

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PERTAINING TO AIRWORTHINESS DIRECTIVES,  
SERVICE BULLETINS, SERVICE LETTERS,  
& MINOR ADJUSTMENTS**

[illegible]

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

[illegible]

N4620A  
Left

***BYAM PROPELLER SERVICE INC.***

504 N.W. 35th St.  
Fort Worth, Texas 76106  
FAA Repair Sta. WNIR590K  
(817) 625-0161

**Propeller Logbook**

# PROPELLER MAINTENANCE RECORD

## LEFT ENGINE

Hub Model HC-F3YR-2UF  
 Blade Design FC7479B-2R  
 Diameter \_\_\_\_\_  
 Hub Ser. No. DA 408  
 Blade Ser. Nos.  
   No. 1 E58548  
   No. 2 E29131  
   No. 3 E58545  
   No. 4 \_\_\_\_\_  
   No. 5 \_\_\_\_\_

## PITCH RANGE

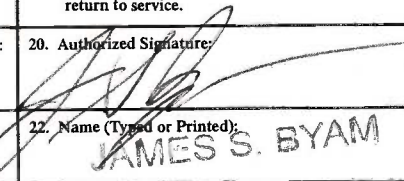
High \_\_\_\_\_ Low \_\_\_\_\_  
 Feather \_\_\_\_\_ Reverse \_\_\_\_\_  
 Governor Model \_\_\_\_\_

## RIGHT ENGINE

Hub Model \_\_\_\_\_  
 Blade Design \_\_\_\_\_  
 Diameter \_\_\_\_\_  
 Hub Ser. No. \_\_\_\_\_  
 Blade Ser. Nos. \_\_\_\_\_  
   No. 1 \_\_\_\_\_  
   No. 2 \_\_\_\_\_  
   No. 3 \_\_\_\_\_  
   No. 4 \_\_\_\_\_  
   No. 5 \_\_\_\_\_

## PITCH RANGE

High \_\_\_\_\_ Low \_\_\_\_\_  
 Feather \_\_\_\_\_ Reverse \_\_\_\_\_  
 Governor Model \_\_\_\_\_

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: BPS03-25938	
4. Organization Name and Address: Byam Propeller Serv. Inc. 4001 N. Main Hanger 7 South Ft. Worth, Texas 76106 (tel) 817-625-0161 (fax) 817-626-0009 (tel) 817-625-0006						5. Work Order/Contract/Invoice Number: 25938	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	Hartzell Propeller	HC-F3YR-2UF	n/a	1	DA408	overhaul	
13. Remarks: Propeller disassembled, inspected and overhauled. Reassembled, polane painted and balanced. C/W AD: 2002-09-08, 94-17-13; C/W SB: 97A, 136H, 165E, 61-118F, 61-226R1. -----END----- blade model: FC7479B-2R serial number: E58548, E29131, E58545							
14. 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.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: 		21. Approval/Certificate No.: WN1R590K	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): JAMES S. BYAM		23. Date (m/d/y): 05-20-03	
<b>User/Installer Responsibilities</b>							
<p>It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>Where the user/installer 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 block 1.</p> <p>Statements in block 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.</p>							

FAA Form 8130-3 (6-01)

\*Installer must cross-check eligibility with applicable technical data.

NSN: 0052-00-012-9005

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: BPS 04-26661	
4. Organization Name and Address: Byam Propeller Serv. Inc. 4001 N. Main Hanger 7 South Ft. Worth, Texas 76106 (tel) 817-625-0161 (fax) 817-626-0009 (tel) 817-625-0006						5. Work Order/Contract/Invoice Number: 26661	
6. Item:	7. Description:	8. Part Number:	9. Eligibility: *	10. Quantity:	11. Serial/Batch Number:	12. Status/Work:	
1	Woodward Governor	210456N	n/a	1	875972	overhaul	
13. Remarks: Governor disassembled, inspected and overhauled. Reassembled and bench checked. -----END-----							
14. 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.			
15. Authorized Signature:		16. Approval/Authorization No.:		20. Authorized Signature: <i>Robert M. Byam</i>		21. Approval/Certificate No.: WN1R590K	
17. Name (Typed or Printed):		18. Date (m/d/y):		22. Name (Typed or Printed): ROBERT M. BYAM		23. Date (m/d/y): 02-10-04	
<b>User/Installer Responsibilities</b>							
<p>It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly.</p> <p>Where the user/installer 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 block 1.</p> <p>Statements in block 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.</p>							

FAA Form 8130-3 (6-01)

\*Installer must cross-check eligibility with applicable technical data.

NSN: 0052-00-012-9005

Aero Structures, Inc  
4765 Frank Luke Drive

CRS QRQR810L  
Addison, TX 75001

Ph 972-267-2376  
Fax 972-267-2377

Hartzell HC-F3Y N4620A Left Hand Prop S/N: DA408 SMOH: 7.4 ACTT 2460.2  
Installed propeller on aircraft after O/H by Byam Propeller W/O: 25938, P/N: HC-F3YR-2UF, S/N: DA408.  
Complied with a 100 hour/annual inspection using FAR 43 appendix "D" checklist. The work described above was performed and inspected in accordance with the current rules of the Federal Aviation Regulations and is approved for return to service. Pertinent details are on file at this repair station under Work Order Number: 050323.

*Michael S. Summ*  
For Aero Structures, Inc, CRS QRQR810L

Date: 06-10-2006


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PERTAINING TO AIRWORTHINESS DIRECTIVES,  
SERVICE BULLETINS, SERVICE LETTERS,  
& MINOR ADJUSTMENTS

DATE	TACH TIME	DESCRIPTION OF WORK	