



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

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

DYNAMIC BALANCING

Dynamic Balance consists of balancing the engine, propeller and spinner completely by electronic means. This procedure takes place while the propeller is on the particular aircraft being dynamically balanced. A dynamic balance job performed by American Propeller Service, Inc. is highly recommended by World Famous Flying Ace, Bob Hoover. Bob commented "I cannot recall having any vibration on my Commander so smooth".

Bob Hoover

Your aircraft can fly as smooth as Bob Hoover's Commander by having it dynamically balanced by American Propeller Service, Inc. By dynamically balancing your propellers, we can make your aircraft run as smooth as our propellers! Dynamic balancing 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-24F

Hub Serial No. DA383

Blade Model No. FC7479B-2R

Blade Serial No. 1 E58559

No. 2 E58561

No. 3 E58573

No. 4 _____

No. 5 _____

PITCH RANGE

High _____ Low 13.5 ± .2 Feather 81.7 Reverse _____

Pitch _____

Governor Manufacturer: _____

Governor Model No. _____

Governor Serial No. _____

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
<p align="center">AMERICAN PROPELLER SERVICE Repair Station No. 412-24 Redding Municipal Airport, Redding, California, U.S.A.</p> <p>Work accomplished COMPLETE OVERHAUL: Propeller disassembled, cleaned, metric and dye penetrant inspected all parts and blades. Blades compression rolled; A.D. 77-12-06, ground, balanced, aligned, painted and detailed. Propeller assembled, balanced and functionally tested.</p> <p>Complied with all A.D.'s and Service Bulletins to date, EXCEPT S.B. #108-A; Tachometer strobing, not performed by this repair station.</p> <p>INSTALLED DE-ICERS</p> <p>The aircraft and/or component identified above was repaired in accordance with current Federal Aviation regulations and was found airworthy for return to service. Pertinent details are on file at this agency under</p> <p>Invoice No. 6489 Dated July 18, 1984</p> <p>Signed <i>Gregory De Sandberg</i> Authorized Individual</p>			

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
<p align="center">AMERICAN PROPELLER SERVICE Repair Station No. 412-24 Redding Municipal Airport, Redding, California, U.S.A.</p> <p>Work accomplished Governor has been COMPLETELY OVERHAULED and functionally tested. R.P.M. set 2595 High, 1825 Low.</p> <p>The aircraft and/or component identified above was repaired in accordance with current Federal regulations and was found airworthy for return to service. Pertinent details are on file at this agency under</p> <p>Invoice No. 6506-G Dated July 20, 1984</p> <p>Signed <i>Gregory De Sandberg</i> Authorized Individual</p>			

Service by the Professionals

Member

NATA

P.O. Box 9235 AMF
ALBUQUERQUE INTERNATIONAL AIRPORT
Albuquerque, New Mexico 87119
(505) 842-4211
CRS-201-23

PART Propeller

MODEL HC-F3YR-2U

SERIAL # 383

CUSTOMER Capitol Aviation

REMARKS Installed new low pitch
stops & 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 DETAIL IS COVERED BY THIS RELEASE.

2.

3.W.O. # 12108

DATE 6-18-87

SIGNED

INSPECTOR

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE

DATE	TACH TIME	DESCRIPTION OF WORK
3/21/89	Holls 236.4	I certify that this engine ^{prop} has been inspected in accordance with <u>FAA Annex 1</u> inspection and was determined to be in airworthy condition." Tach. reads. <u>236.4</u> Date <u>3/21/89</u> <u>PR52133</u> Name <u>Chris D. Ke</u>

**DESCRIPTION OF ALL OPERATIONS
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& 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 C.W. 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>Dean Cowan</u>	
		License No.: <u>4071314965</u>	
		Date: <u>8-24-90</u>	

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

DATE	TACH TIME	DESCRIPTION OF WORK	
<p>Date <u>8-24-90</u> Engine Time _____</p> <p>Propeller Time <u>2208.7</u> <u>Propeller</u></p> <p>I Certify This <u>Engine / Aircraft</u> <u>Propeller</u></p> <p>Inspected Per <u>Annual</u> Inspection</p> <p>And Determined to Be in Airworthy Condition.</p> <p>Signed: <u>[Signature]</u> A&P No. _____</p> <p>A I No. <u>1609226</u></p>			

SERVICEABLE PARTS TAG

Customer's Name Charles G. Rodeheaver
Part Name Propeller Part Mfg. Hartzell
Part No. HC-F3YR-24F Serial No. DA383
Remarks A.D. 77-12-06 clw only. This does
not constitute an overhaul.
Inspector [Signature]

This stamped paper is an official document and shall be kept with the AIRCRAFT'S OFFICIAL HISTORICAL RECORDS. Work accomplished under the above listed work order number is on file at this agency. The above component was repaired and/or inspected in accordance with the current FEDERAL AVIATION REGULATION, ground functionally tested and approved for return to service subject to Flight Operational Test. The mechanic making the installation must C/W FAR. 43.9

Date 7-3-90
Signed [Signature] for
San Antonio Propeller Service, Inc.
234 W. Turbo, San Antonio, Texas
Approved Repair Station No. 2154

was determined to be in "irreparable condition."

Signature: Dean Cowan

License No.: ADP1814965

Date: 8-24-90

DATE	TACH TIME	DESCRIPTION OF WORK
Date <u>8-20-90</u>	Engine Time _____	
Aircraft Time <u>2208</u>	<u>7 Propeller</u>	
I Certify This Engine / Aircraft	<u>Propeller</u>	
Inspected Per <u>[Signature]</u>	Inspection	
And Determined To Be In Airworthy Condition.		
Signed: <u>[Signature]</u>	A&P No. _____ A I No. <u>1609226</u>	

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

E	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
		Date <u>4-1-91</u> Engine Time Aircraft Time <u>2154.7</u> <u>Propulsion</u> I Certify This <u>Engine / Aircraft</u> Inspected Per <u>100 HR</u> Inspection And Determined To Be In Airworthy Condition. Signed <u>[Signature]</u> A&P No. <u>1609726</u> A I No. <u>1609726</u>	
	<u>511.3</u> <u>2421.6</u> <u>514.6</u>	CERTIFY THAT THIS <u>PROP</u> HAS BEEN INSPECTED IN ACCORDANCE WITH A <u>Annual</u> INSPECTION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION. DATED <u>5/1/93</u> TOTAL RECORDED TIME <u>736.5</u> HOURS SIGNED <u>[Signature]</u> CERT. NO. <u>489703615</u> <u>TSO: 736.5</u>	

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

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

[illegible][illegible]

N4620A
Right

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 _____
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 _____

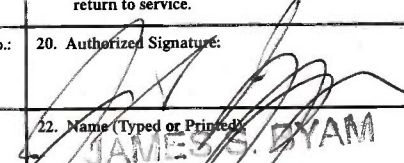
RIGHT ENGINE

Hub Model HC-F3YR-2UF
Blade Design FC 7499B-2R
Diameter _____
Hub Ser. No. DA 383
Blade Ser. Nos. _____
No. 1 E58561
No. 2 E58573
No. 3 E58559
No. 4 _____
No. 5 _____

PITCH RANGE

High _____ Low _____
Feather _____ Reverse _____
Governor Model _____

R

1. Approving National Aviation Authority/Country: FAA/United States		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: BPS 03-25919	
4. Organization Name and Address: <i>Byam Propeller Serv. Inc.</i> 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: 25919	
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	DA383	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: E58561, E58573, E58559							
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):		23. Date (m/d/y):		
			JAMES S. BYAM		05-12-03		
User/Installer Responsibilities							
It is important to understand that the existence of this Document alone does not automatically constitute authority to install the part/component/assembly. 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. 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.							

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. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG				3. Form Tracking Number: BPS 04-26662	
4. Organization Name and Address: Byam Propeller Serv. Inc. 4001 N. Main Hanger 7 South Ft. Worth, Texas 76106						5. Work Order/Contract/Invoice Number: 26662	
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	875955	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	
User/Installer Responsibilities							
<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 Right Hand Prop S/N: DA383 SMOH: 7.4 ACTT 2460.2
 Installed propeller on aircraft after O/H by Byam Propeller W/O: 25919, P/N: HC-F3YR-2UF, S/N: DA383.
 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 A. Surman
For Aero Structures, Inc, CRS QRQR810L

Date: 06-10-2006

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PERTAINING TO AIRWORTHINESS DIRECTIVES,
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& MINOR ADJUSTMENTS

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