

Right side N408BK

PROPELLER MAINTENANCE RECORD

LEFT ENGINE

Hub Model HC-B3R30-2EA

Blade Design R10152B-5.5

Diameter _____

Hub Ser. No. AB2851

Blade Ser. Nos.

No. 1 J14011

No. 2 J14012

No. 3 J14013

No. 4 _____

No. 5 _____

PITCH RANGE

High _____ Low 17.0

Feather 87.0 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 _____

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
9-2-08	T50 00.00	HC-B3R30-7EA / R10152B-5.5	S/N AB 2851
PTTSN:	5518.5	<p>MAJOR OVERHAUL. BLADES REFINISHED. PARTS FLORESCENT PENETRANT INSPECTED, MAGNAFLUXED, REPLATED & REPLACED WHERE REQUIRED. DEICER BOOTS INSTALLED. PROP TRACKED, BALANCED, GREASED, SET ANGLES & PAINTED. COMPLIES WITH AD'S & SB'S LISTED ON 8130-3 FORM. INSTALLED OVERHAULED HUB S/N AB 2851 IN PLACE OF OLD HUB S/N EM296.</p>	
		<p align="center">AUTHORIZED BY</p>	<p align="center">W/d # CR-34922</p>
		<p align="center"><i>[Signature]</i></p>	<p align="center">president</p>
		<p align="center">FOR NEW ENGLAND PROPELLER SERVICE, INC.</p>	
		<p align="center">EAST HADDAM, CT</p>	
		<p align="center">FAA REPAIR STATION # RC2R130L</p>	
		<p align="center">1-800-878-6377</p>	

4. Organization: **New England Propeller Service, Inc.** P.O. Box 244 East Haddam, CT 06423-2388 (860) 873-1494 • Fax: (860) 873-2388 5. Work Order/Contract/Invoice Number: **CR-34922**

6. Item:	7. Description:	8. Part Number:	9. Eligibility:	10. Quantity:	11. Serial/Batch Number:	12. Status Work:
1	HARTZELL PROPELLER	HC-B3R30-2EA R 10152B-S.S	N/A	1	AB2851	OVERHAULED

13. Remarks:
 This propeller was inspected and repaired in accordance with manufacturer's manual: **177, 133, 202A (V1R32, V2R28, V4R27, V5R27, V6R29, V7R31, V8R28, V10R29, V11R29)**
 Total Time: **5518.5** hrs. Time Since Overhaul: **00.00** hrs.
 Details of work performed are on file at New England Propeller Service, Inc. under Repair Station Work Order Number: **CR-34922**
 The following work was performed:

BLADE S/N'S
 J 14011
 J 14012
 J 14013

MAJOR OVERHAUL. BLADES REFINISHED. PARTS FLORESCENT PENETRANT INSPECTED, MAGNAFLUXED, REPLATED & REPLACED WHERE REQUIRED, DEICER BOOTS INSTALLED. PROP TRACKED, BALANCED, GREASED, SET ANGLES & PAINTED. COMPLIES WITH AD'S & SB'S LISTED ON 8130-3 FORM. INSTALLED OVERHAULED HUB, S/N AB 2851 IN PLACE OF OLD HUB S/N EM 296.

NEW ENGLAND PROPELLER SERVICE, INC. CERTIFIES THAT THE WORK SPECIFIED IN BLOCK 12/13 WAS CARRIED OUT IN ACCORDANCE WITH EASA PART -145 AND IN RESPECT TO THAT WORK THE COMPONENT IS CONSIDERED READY FOR RELEASE TO SERVICE UNDER EASA PART -145 APPROVAL NUMBER: "EASA 145.5972".

MAJOR PARTS REPLACED

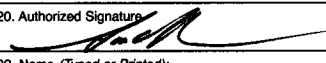
The following Service Bulletins have been complied with;
137A
HC-SB-61-136 R1
HC-SB-61-280

Nomenclature	Part #	Qty.	Reason
HUB	940-74	1	CORROSION
BEARINGS	A1851T	3	CORROSION
CLAMPS	C1977	3	CORROSION
CYLINDER	B1803-1	1	DAMAGED

WAPA PROCEDURE: 001
 The following Airworthiness Directives have been complied with as follows: **NONE**

A.D.'s	Revision Date	Applicable A.D. S.B. & Subject	Date & Hours @ Compliance	Method of Compliance	one-time	recur.	Next Comp. hrs./date

14. Certifies the items identified above were manufactured in conformity to:
 Approved design data and are in a condition for safe operation
 Non-approved design data specified in Block 13.
 19. 14 CFR 43.9 Return to Service 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.: **RC2R130L**
 17. Name (Typed or Printed): _____ 18. Date (m/d/y): _____ 22. Name (Typed or Printed): **ARTIE D'ONOFRIO, PRESIDENT** 23. Date (m/d/y): **9-3-08**

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 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 ensure that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.
 Statements 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.

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FAA RSN RC2R130L
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**DESCRIPTION OF ALL OPERATIONS
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SERVICE BULLETINS, SERVICE LETTERS,
& MINOR ADJUSTMENTS**

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
9/22/08		Installed this prop on right side of	
A/C Tach	12,056.6	Bech-19 N408 BK IAW chapt 5 p 5-21	
ITPSN	5518.5	of Bech maint manual	
		A+B 25506682	C. Lehner
1/22/09	12062.4	grease prop blade clamps	C. Lehner A+B 25506682
	5530.3	11.850H	
3/27/09	12,068.4	grease clamps check prop/Annual insp	C. Lehner A+B 25506682 IAW
3/22/09	12068.2	grease prop blade clamps	C. Lehner A+B 25506682
10/5/09	12,079.8	grease prop blade clamps	C. Lehner A+B 25506682

SAN ANTONIO PROPELLER SERVICE, INC.
SERVICEABLE PARTS TAG

Work Order 15766

Customer Order No. _____

Customer's Name Vertical Lift Components

Part Name Propeller Part Mfg. Hartzell

Part No. HC-B3R30-2EA Serial No. AB2851

Remarks I/A/W 177

Aligned guide collar replaced link
bushings and one stop plate.

Signed Kenneth Kops

Date 03-31-2010

San Antonio Propeller Service, Inc.
234 W. Turbo, San Antonio, Texas 78216
FAA Approved Repair Station No. DM2R773K

IVES.
IS.

	SIGNATURE

MAINTENANCE RELEASE
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 CW FAR 43.9

San Antonio Propeller Service, Inc.

234 West Turbo Drive San Antonio, TX 78216
 Certificated Repair Station No. DM2R773K

W.O. No. 15766 Sheet: 1 P.O. No. _____ Inv. No. _____ Date Received 03/30/10

Customer Name: VERTICAL LIFT COMPONENTS Contact Person: Richard G. Hosmer
1917 FM1681 Telephone: 830-996-3167
STOCKDALE, TX. 78160 Facsimile: c.503-351-3587

Customer Instructions: REPAIR.

Manufacturer: Hartzell A/C Model: _____ Reg. No. _____ Prop TT: _____ TSO: _____

Assy. Ser. No. Rec'd. AB2851 Disassembled By: JV Cleaned By: JV NDI By: N/A
 Ref'n. AB2851 Bulkhead S/N Rec'd. N/A Piston S/N Rec'd. N/A

Hub Dwg. No. Rec'd. HC-B3R30-2EA Deice Boot P/N Rec'd. N/A Removed By: N/A
 Ref'n. HC-B3R30-2EA Slip Ring S/N Rec'd. N/A Reworked By: N/A

Hub Serial No. Rec'd. AB2851 Blade Dimensions Checked By: N/A NDI By: N/A
 Ref'n. AB2851 Straightened By: N/A Alodined By: N/A Painted By: N/A

Blade Dwg. No. Rec'd. R10152B-5.5 Dome Pitch: Base N/A Low N/A High N/A Rev. N/A
 Ref'n. R10152B-5.5

Blade Serial No.	Clamp Serial No.	Discrepancy Report	Sign-off Document	Mech/Initials
Rec'd. 1. <u>J14011</u>	_____	_____	_____	_____
Ret'n. 1. <u>J14011</u>	_____	_____	_____	_____
2. <u>J14012</u>	_____	_____	_____	_____
2. <u>J14012</u>	_____	<u>R/H</u>	_____	_____
3. <u>J14013</u>	_____	_____	_____	_____
3. <u>J14013</u>	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
4. _____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____
5. _____	_____	_____	_____	_____

Piston S/N Ret'n. N/A Bulkhead S/N Ret'n. N/A
 Slip Ring S/N Ret'n. N/A Installed By: N/A Deice Boot P/N Ret'n. N/A Installed By: N/A

Work Performed And Tests If Any: _____ Work Accomplished I/A/W Manual No. 177
Align Guide Collar Replaced Link Bushings and One Stop Plate Static Bal.

Dome Assy. M/A Pitch: Base M/A Low M/A High M/A Rev. M/A No. of Shims M/A
 Hub: Concentricity 1 Barrel Level _____ Torque #1 M/A #2 M/A #3 M/A #4 M/A
 Feath. Press. M/A External Leakage M/A Internal Leakage M/A Unfeathering Press. M/A
 Rev. Pitch N/A Low Pitch N/A Latch Angle N/A High Pitch N/A Feather N/A
 Track Chk N/A Diameter N/A Final Balance JV De-Ice Test T N/A
 Assy. Mechanic S.V. Inspector Kenneth Kotzur Date 3/30/10
 JV

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, determined to be airworthy with respect to work described above and approved for return to service. The mechanic making the installation must C/W FAR 43.9.

