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AIRCRAFT
MAINTENANCE
RECORDKEEPING
SYSTEM

N611R3

**PROPELLER
MAINTENANCE
RECORDS**

PROPELLER MAINTENANCE RECORDS

Log No. A

Aircraft Registration No. N611RJ

Propeller Manufacturer Hartzell

Hub Model HC-H34F-1RF/F7693DF

Blade Design No. F7693DF

Hub Serial No. LX58B

Blade Serial No's.

1. K09891
2. K09885
3. K09884
4. _____

Pitch Range:

High 42.4/42.6 Low 16.4/16.5

Feather _____ Reverse _____

Governor Manufacturer McCawley

Model No. C230D3 N143

Serial No. 040727

Date installed on aircraft 11-19-04

Time Between Overhauls (TBO) 2400 Hours

If used on multi-engine aircraft:

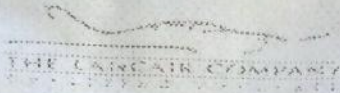
- Right Left
 Front Rear

(All applicable information must be filled in)



AEROTECH PUBLICATIONS INC.

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Warranty Application

Registered Owner Information		Installing Agency	
Name:	Rudy Engholm	Name:	The Lancair Company
Address:	27 Storer St.	Address:	22550 Nelson Road
City:	Portland	City:	Bend
State and Postal Code:	ME 04102	State and Postal Code:	Oregon 97701
Country:	USA	Country:	USA
Phone:	207-871-8993	Phone:	(541) 318-1144
Operator if other than Owner		Manufacturer Information	
Operator:		Name:	Hartzell Propeller Inc.
Phone:			One Propeller Place
Fax:			Piqua, OH 45356 USA
		Phone:	(937) 778-4392
		Fax:	(937) 778-4391
Aircraft Information			
Manufacturer:	Model #	Serial #	Registration #
The Lancair Company	LC41-550FG	41044	N611RJ
Warranty Start Date:	Installation Date:	Aircraft Hours:	Work Order Reference:
12/9/2004	12/9/2004	3.5	41044-720
Component Information			
<input checked="" type="checkbox"/> New <input type="checkbox"/> Retrofit <input type="checkbox"/> Demo <input type="checkbox"/> Spare <input type="checkbox"/> Fixed Backup Reserve <input type="checkbox"/> Portable Independent Backup			
Equipment Part Number and Description			
D-4245 LC41FG Propeller Assembly and Hardware		LX58B	

HARTZELL PROPELLER INC
INSPECTION

Part Number: H3F00320

Date: 9/28/2004

Work Order #: M983700

Model Number HC-H3YF-1RF/F7693DF						
Ass'y Ser No. LX58B	Hydr Unit No. NA	Bulkhead No. NA	Valve No. NA	Dome No.		
Blade 1 K09881	Blade 2 K09885	Blade 3 K09884	Blade 4	Blade 5	Blade 6	
Carton No.	Lbs.	Weight	Kilos	Height	Width	Length
Comments: Deice Kit: NA IDS # 2016 9-23-04 Spinner Mounting Kit: A2476-35 16.5 L.P./S.L. @ 30" Radius						
Packing Certified By: <i>P.D.</i>				Date: <i>9/29/04</i>		

Approved By S. Wead

COMPACT PROPELLER

Date: 8/25/04

Form Rev.: G

Exp

Inspection

Prop S/N LX58B Model HC-H34F-1RF W.O. No. M983700
 Drawing D4245 Dwg. Rev. AI IDS No. 2016 IDS Date 9-23-04

Serialized Parts

Builder		Inspector	
Hub Part No. <u>E-7156-1R</u>	Bulkhead S/N _____	Part No. _____	Serial No. _____
Hub Factory No. <u>A71729B</u>	Slip/Slinger Ring S/N _____	Cwt. Blade <u>F7693DF</u>	#1 <u>K09891</u>
Fork Ser. No. <u>VE3223</u>	Cylinder S/N <u>E20604</u>		#2 <u>K09885</u>
Piston Ser. No. <u>N/A</u>			#3 <u>K09884</u>
			#4 _____

Builder

Check for Leaks Check Feather Angle (Record Angle) N/A Verify Rod Nut Coller Pin
 Assembled By S Lewis Date 9-28-04

2nd Check Verification

Blade Angles Checked at 30" Radius Low Pitch (Within .2 Deg) 16.4 / 16.5 High Pitch 42.4 / 42.6
 Friction Function Test "0"-175"psi Reverse Pitch W/W
 Track/Length (Aluminum .125" max)(Composite .250" max.) T IL
 Verified By Roe Mertz Date 9-28-04

Balance

Balance Weight Lead #1 disc #2 0 #3 1 #4 _____
 Quantity and Type Trail #1 0 #2 0 #3 0 #4 _____
 Front (Assy S/N) _____ Back _____
 Balanced By mm Date 9/28/04

Inspection

Non-installed Mounting Hardware and Dimensional Checks

"D" Flange Only	"F" Flange Only	"L" Flange Only	"H" Flange Only
(8) A-2044 Nuts _____	(6) A-1381 Washers <input checked="" type="checkbox"/>	(4) B-6489-25 Bolts _____	(8) A-3257 Nuts _____
(8) A-7752 Spacer _____	(6) A-2044 Lock Nut <input checked="" type="checkbox"/>	(4) B-6526-7 Washer _____	(8) A-2048-2 Washer _____
(2) A-7750 & (6) A-7749 Stud Torque 25 ft lb _____	A-2429 <u>4.5</u> Studs Torqued 25 ft lbs <input checked="" type="checkbox"/>		A-3254 Studs Torqued 25 ft lbs _____
Mtg Stud Protrusion _____	Mtg Stud Protrusion <input checked="" type="checkbox"/>		Mtg Stud Protrusion _____
	Dowel Pin Protrusion <input checked="" type="checkbox"/>		Dowel Pin Protrusion _____
			C-3317-230 O-ring _____


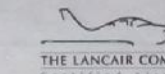
Safeties Visual Insp Mtg. Flange & Hub Bore Non-Installed Parts Checked Torque Sheet Complete
 Spinner Mtg Kit A-2476-(35) Installed Included _____ N/A _____
 De-ice Kit No _____ Installed/Ck'd _____ Included/Ck'd _____ N/A _____
 Ohms Reading <100K #1 _____ #2 _____ #3 _____ #4 _____ N/A _____
 Air Chamber Charged per Requirement in Applic. Owners Manual _____ N/A _____

Comments

Inspected By John J. [Signature] Stamp Date 9-28-04

The approved design data for this propeller incorporates all changes required by applicable Airworthiness Directives

Prog

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
11-23-04	0	0	0	 <p>This propeller S/N LX58B installed on Lancair LC41-550FG S/N 41044 at time of aircraft manufacture.</p> <p><i>Francie Mills</i> For The Lancair Company</p>
12-2-04	0	0	0	 <p>This propeller has been dynamically balanced per the Microvibe user's manual and Lancair Document SA600001 Rev <i>AB</i> _{PK}</p> <p><i>Francie Mills</i> For The Lancair Company</p>
				SUB-TOTALS this page
				TOTALS—Carry forward to next page

Prop

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
				TOTALS brought forward from previous page
12-24-05	184.2 Hrs			INSPECTED PROP HUB AND BLADES, LUBED PROP HUB w/ AEROSHELL 6 GREASE, I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION, <i>Michael W. Muchmore</i> IA 244824188
12-20-06	312.1 Hrs			INSPECTED PROP HUB AND BLADES, LUBED HUB w/ AEROSHELL 6 GREASE, I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS DETERMINED TO BE IN AN AIRWORTHY CONDITION <i>Michael W. Muchmore</i> IA 244824188

Maine Aviation
Aircraft Maintenance, LLC.

406 Yellowbird Road • Portland International Airport • Portland, ME 04102
(207) 780-1811 • Fax (207) 772-6900

Date	WO#	Registration	Type/Model	SN	Tach	ACTT
06/05/08	31657	N611RJ	HC-H3YF-1RF	LX58B	437.0	437.0

Inspected propeller in accordance with Cessna 400 Annual Inspection Checklist Model LC41-550FG.

Complied with the following AD:

- AD 07-26-09 "Propeller Blade Shank Rework" - N/A by propeller blade serial numbers.

The following discrepancies were noted and corrected:

- Dressed out damage on #1 blade tip in Hartzell Owners Manual 115N Chpt. 61-00-15.

Engine run up - propeller operational checks good, no leaks noted.

I certify that this Propeller has been inspected in accordance with an **Annual Inspection**, and was determined to be in airworthy condition. All applicable AD Notes have been complied with and this aircraft is approved for return to service.

Signature *James M. Waite*
James M. Waite A&P 30462609 IA



719 Airport Drive
Ann Arbor, MI 48106
Phone 734-662-6806
Fax 734-662-0559

19 June 2008

N611RJ
Propeller

444.1 Hobbs

Dressed propeller blade and painted blade faces. Work was performed in accordance with Advisory Circular 23-37E and 43.13-1B

Russell Norris
A&P 372022742

Russell Norris

SUB-TOTALS this page

TOTALS—Carry forward to next page

DATE	TOTAL TIME IN SERVICE	TOTAL TIME SINCE OVERHAUL	TACH OR RECORDING METER TIME	DESCRIPTION OF WORK PERFORMED— SIGNATURE & CERTIFICATE NO. OF PERSON PERFORMING WORK
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Date	WO#	Registration	Type/Model	SN	Tach	ACTT
07/10/09	32822	N611RJ	HC-H3YF-1RF	LX58B	572.4	572.4

Inspected propeller in accordance with Cessna 400 Annual Inspection Checklist Model LC41-550FG.
Lubed propeller with Aeroshell 6
Engine run up – propeller operational checks good, no defects noted.

I certify that this Propeller has been inspected in accordance with an Annual Inspection, and was determined to be in airworthy condition.
All applicable AD Notes have been complied with and this propeller is approved for return to service.

Signature *[Signature]* Christopher Mard
MAINE AVIATION AIRCRAFT MAINTENANCE, L.L.C., PORTLAND, MAINE
REPAIR STATION F5ER011E

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Aircraft Maintenance, LLC.

406 Yellowbird Road • Portland International Airport • Portland, ME 04102
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CRS F5ER011E

Date	WO#	Registration	Type/Model	SN	ACTT	Propeller TSN
08-02-10	33951	N611RJ	HC-H3YF-1RF	LX58B	626.8	626.8

Inspected iaw Cessna Model 400 Annual Inspection Guide
Engine run up—all ground checks satisfactory, no leaks noted.

I certify that this Propeller has been inspected in accordance with an Annual Inspection, and was determined to be in airworthy condition.
All applicable AD Notes have been complied with and this propeller is approved for return to service.

Signature *[Signature]*
MAINE AVIATION AIRCRAFT MAINTENANCE, L.L.C., PORTLAND, MAINE
REPAIR STATION F5ER011E

Maine Aviation
Aircraft Maintenance, LLC.

406 Yellowbird Road • Portland International Airport • Portland, ME 04102
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CRS F5ER011E

Date	WO#	Registration	Type/Model	SN	ACTT	Propeller TSN
9/2/11	35040	N611RJ	HC-H3YF-1RF	LX58B	713.3	713.3

Inspected iaw Cessna Model 400 Annual Inspection Guide
Dressed all three blades.
Engine run up—all ground checks satisfactory, no leaks noted.

I certify that this Propeller has been inspected in accordance with an Annual Inspection, and was determined to be in airworthy condition.
All applicable AD Notes have been complied with and this propeller is approved for return to service.

Signature *[Signature]*
MAINE AVIATION AIRCRAFT MAINTENANCE, L.L.C., PORTLAND, MAINE
REPAIR STATION F5ER011E

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CRS FSER011E

Date	WO#	Registration	Type/Model	SN	ACTT	Propeller TSN
11/19/12	36046	N611RJ	HC-H3YF-1RF	LX58B	782.6	782.6

Inspected iaw Cessna Model 400 Annual Inspection Guide
Dressed all three blades.
Engine run up—all ground checks satisfactory, no leaks noted.

I certify that this Propeller has been inspected in accordance with an **Annual Inspection**, and was determined to be in airworthy condition.
All applicable AD Notes have been complied with and this propeller is approved for return to service.

Signature: [Signature]
MAINE AVIATION AIRCRAFT MAINTENANCE, L.L.C, PORTLAND, MAINE
REPAIR STATION FSER011E

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Aircraft Maintenance, LLC.

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CRS FSER011E

Date	WO#	Registration	Type/Model	SN	ACTT	Propeller TSN
12-09-13	37328	N611RJ	HC-H3YF-1RF	LX58B	849.3	849.3

Inspected iaw Cessna Model 400 Annual Inspection Guide
Engine run up—all ground checks satisfactory, no leaks noted.

I certify that this Propeller has been inspected in accordance with an **Annual Inspection**, and was determined to be in airworthy condition.
All applicable AD Notes have been complied with and this propeller is approved for return to service.

Signature: [Signature]
MAINE AVIATION AIRCRAFT MAINTENANCE, L.L.C, PORTLAND, MAINE
REPAIR STATION FSER011E

Date	WO#	Registration	Type/Model	SN	ACTT	Propeller TSN

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