

VOLUME NO

*Eight*

SECTION IV

PROPELLER

LOG

<b>FAVENS</b> <small>AN AVIATION COMPANY</small>	
Make	<i>HARTZELL</i>
Model	<i>H-220-200S/TW-3 LG</i>
Mfg. SN	<i>BC 3746</i>
Lynch Aviation Inc. 200 Hwy 1 Road E Monticello, Ont. J4T 1A1 Tel: 866-238-1234 Fax: 416-863-9321	
Customer	<i>Wendy J. BENTON</i>
Log Book No	<i>2012-07</i>





**LEAVENS**

IN AVIATION SINCE 1927

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- ◆ Propellers
- ◆ Accessories
- ◆ Hose assemblies
- ◆ Cable assemblies
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Leavens Aviation Inc.  
Toronto: (905) 678-1234  
Calgary: (403) 735-4996  
24-hour AOG: (416) 563-5221

~~Left~~ Right Right

PROPELLER LOG

1. Make Hartzell HCE2YL-2B5L/J766386Q
2. Model ~~HC 2YL-2BLIF~~ (design P9FA)
3. Specification No. P9FA
4. Date of Manufacture Hartzell Remanufacture Nov./82
5. Hub Serial No. B81844  
CHANGED TO BG 3946  
DEC 28/91

BLADES

Design No. J 76638-6Q

Serial Nos.

1 B 79588  
2 B 83346  
3 \_\_\_\_\_  
4 \_\_\_\_\_  
5 \_\_\_\_\_

Pitch Settings

Basic \_\_\_\_\_

Low 12.0

High 78.0

Reverse \_\_\_\_\_



# PROPELLER SERVICE AND

DATE	TIME RUN		TOTAL TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, MODIFICATIONS. ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.
	HRS.	MIN.	HRS.	MIN.	

DATE	HRS.	MIN.	HRS.	MIN.	NOTE
Nov 8/82					Prop installed as per entries in January
Nov 18/82	4	10	4	10	100 hr insp
Nov 22/83	63	45	67	55	100 hr insp
Nov 29/84	53	05	121	00	100 hr insp
Nov 2/85	56	05	177	05	100 hr insp
Nov 27/86					100 hr insp
Nov 28/87					100 hr insp
Jan 12/88			0	0	Prop overhauled as per entries in
Oct 29/88					100 hr insp
Oct 25/89					100 hr inspection
Nov 6/90			264	10	100 HR INSPECTION CARRIED OUT.
Nov 9/91	50	10	314	20	100 HR INSPECTION CARRIED OUT.
Oct 1/92	50	55	364	50	REMOVED FOR REPAIR
OCT 14 1992	0	0	364	50	

FORM IRS  
 Repair/Modified as per manual(s) ...  
 Service bulletins, service letters, and ...  
 Drawings, covered on Work Order T. 27013  
 Disassemble ... Prilled shim required  
 The maintenance described above has been performed in accordance with the applicable standards of Airworthiness.  
 WESTERN PROPELLER (ATLANTIC) LTD.  
 2985 AMSCOTT RD.  
 MISSISSAUGA, ONTARIO  
 L5S 1G9

TOTAL THIS PAGE	364	58
TOTAL FROM PREVIOUS SUMMARY		
TOTAL SINCE MFG.	364	58

# MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.	SIGNATURE	LICENCE NUMBER
Log Book	to Kuter	2012128
	to Kuter	"
	to Kuter	"
	to Kuter	"
	to Kuter	"
	to Kuter	2012128
	to Kuter	2012128
January log dated Jan 12/88 (As of 11-12-6 also complied with)	to Kuter	2012128
	to Kuter	2012128
PROP IS AIRWORTHY.	to Kuter	2012128
PROP IS AIRWORTHY.	to Kuter	2012128

As per Airworthiness Manual chapter 571, all requirements of AMA 571.103/2 complied with.

FOR WESTERN PROPELLER (ATLANTIC) LTD.

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.  
 OR LIFE \_\_\_\_\_ HOURS.



MAINTENANCE RELEASE  
 REMARKS  
 per Airworthiness Manual Chapter 571, all  
 alterations of AMM 571.1032 complied with  
 (upon installation)  
 DATE

### PROPELLER SERVICE AND

DATE	TIME RUN		TOTAL TIME SINCE OVERHAUL		REMARKS
	HRS.	MIN.	HRS.	MIN.	

BROUGHT FORWARD →

NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, MODIFICATIONS.

**X U AVIATION LTD.**  
 143 Aviation Lane  
 London Airport  
 London, Ontario  
 Canada N6V 3Z9

**X U AVIATION LTD.**  
 D.C.T. approval 12484

Dec 28/92	0		369	0	
Dec 1/93	38	35	403	25	100 HR Annual Inspection Carried Out.
Nov 23/94	26	45	430	10	100 HR Annual Inspection Carried Out.
Nov 22/95	41	10	471	20	100 HR Annual Inspection Carried Out.
Nov 20/96	63	15	534	35	100 HR Annual Inspection Carried Out.
Nov 5/97	49	25	584	00	100 HR Annual Inspection Carried Out.
Nov 22/98	59	15	643	15	100 HR Annual Inspection Carried Out.
Nov 29/99	67	15	710	30	100 HR Annual Inspection Carried Out.
Nov 1/00	48	00	758	30	100 HR Annual Inspection Carried Out.
Nov 15/01	65	40	824	10	100 HR Annual Inspection Carried Out.

TOTAL THIS PAGE  
 TOTAL FROM PREVIOUS SUMMARY  
 TOTAL SINCE MFG.

CARRIED FORWARD

### MAINTENANCE RECORD

REPAIRS, ADJUSTMENTS, MODIFICATIONS  
 ENTRIES DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.

- PROPELLER REPAIRED BY WESTERN PROPELLER
- HUB SERIAL NUMBER CHANGED IN THIS LOG
- REINSTALLED ON C-6DMX

The maintenance described above has been performed in accordance with the applicable standards of airworthiness.

*[Signature]*  
 R.W. FISHER  
 M 04443

REMARKS	SIGNATURE	LICENCE NUMBER
PROP IS AIRWORTHY.	<i>[Signature]</i>	M094219
PROP IS AIRWORTHY.	<i>[Signature]</i>	M094219
PROP IS AIRWORTHY.	<i>[Signature]</i>	M094219
PROP IS AIRWORTHY.	<i>[Signature]</i>	M094219
PROP IS AIRWORTHY.	<i>[Signature]</i>	M094219
PROP IS AIRWORTHY.	<i>[Signature]</i>	M094219
PROP IS AIRWORTHY.	<i>[Signature]</i>	M094219
PROP IS AIRWORTHY.	<i>[Signature]</i>	M094219
PROP IS AIRWORTHY.	<i>[Signature]</i>	M094219

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.  
 OR LIFE



## PROPELLER SERVICE AND

DATE	TIME RUN		TOTAL TIME SINCE OVERHAUL		INSTALLATIONS, INSPECTIONS, REPAIRS, ADJUSTMENTS, MODIFICATIONS ENTRIES. DRAW A DIAGONAL LINE THROUGH ANY UNUSED LINES IN DATE AND TIME COLUMNS.
	HRS.	MIN.	HRS.	MIN.	
Sept 23/02			00	00	PROPELLER COMPLETE OVERHAULED
Sept 23/02			00	00	
Dec 02/02				:20	
Dec 03/02				:20	Annual inspection carried out in accordance
Nov 30/03	62	15	62	35	
Dec 4/03			62	:35	Annual inspection carried out in accordance
Nov 25/04	25	45	88	:20	Annual inspection carried out in accordance
Nov 10/05	37	:45	126	:05	Annual inspection accomplished in accordance with CAR 625, Appendix B+C.
Nov 17/06	31	:10	157	:15	Annual inspection accomplished in accordance with CAR 625, Appendix B+C.
Dec 5/07	26	:15	183	:30	Annual inspection accomplished in accordance with CAR 625, Appendix B+C.
Nov 30/08	36	:7	220	:2	Annual inspection accomplished in accordance with CAR 625, Appendix B+C.
Dec 1/09	24	:0	244	:2	Annual inspection accomplished in accordance with CAR 625, Appendix B+C.
			244	:2	CARRIED FORWARD

TOTAL THIS PAGE  
TOTAL FROM PREVIOUS SUMMARY  
TOTAL SINCE MFG.

TOTAL TIME 1201:15 TIME SINCE ON 00:00

DETAILS OF WORK PERFORMED  
**PROPELLER COMPLETE OVERHAULED, IN ACCORDANCE WITH HARTZELL MANUAL 117D, 133C, 202A, 259**

ADDITIONAL WORK TO BE PERFORMED UPON INSTALLATION

INSTALLED \_\_\_\_\_ HRS \_\_\_\_\_ DATE \_\_\_\_\_  
REMOVED \_\_\_\_\_ HRS \_\_\_\_\_ DATE \_\_\_\_\_  
TOTAL TIME \_\_\_\_\_ HRS \_\_\_\_\_ DATE \_\_\_\_\_

MAINTENANCE RELEASE

## MAINTENANCE

Propeller Model No. HCERYL2BLS/J7663-6Q  
Serial No. B63946 Overhauled/Repaired  
In accordance with HARTZELL Overhaul  
Manual 117D, 133C, 202A, 259 Detail record  
of this Overhaul under Work Order No. 21-0159  
held on file at Leavens Aviation Inc.  
Diameter 69.9"

LEAVENS AVIATION INC.  
AMO 2-72

THE MAINTENANCE DESCRIBED ON LEAVENS AVIATION INC. WORK ORDER #21-0159 HAS BEEN PERFORMED IN ACCORDANCE WITH THE APPLICABLE REGULATIONS OF AIRWORTHINESS.



WITH CAR 625 APPENDIX B+C.

-Done with CAR 625, Appendix B+C.

ACCORDANCE WITH CAR 625, APPENDIX B+C.

ACCORDANCE WITH CAR 625, APPENDIX B+C.

ACCORDANCE WITH CAR 625, APPENDIX B+C.

ACCORDANCE WITH CAR 625, APPENDIX B+C.

ACCORDANCE WITH CAR 625, APPENDIX B+C.

ACCORDANCE WITH CAR 625, APPENDIX B+C.

*L. D. Dabole*

*[Signature]* M094219

*[Signature]* M094219

*[Signature]* M094219

*[Signature]* M094219

*[Signature]* M094219

*[Signature]* M094219

*[Signature]* M094219

MAXIMUM HOURS BETWEEN OVERHAULS \_\_\_\_\_ HOURS.  
OR LIFE



# PROPELLER SERVICE AND

DATE	TIME RUN		TOTAL TIME SINCE OVERHAUL		NOTE: USE BOTH PAGES AND AS MANY LINES AS REQUIRED FOR COMPLETE INSTALLATIONS, INSPECTIONS, REPAIRS, ENTRIES. DRAW A DIAGONAL LINE THROUGH UNNECESSARY SPACES.
	HRS.	MIN.	HRS.	MIN.	
Nov. 30/10	13	13	244	2	ANNUAL INSPECTION ACCOMPLISHED IN ACCORDANCE WITH CAR
Nov. 25/11	16	5	274	0	ANNUAL INSPECTION ACCOMPLISHED IN ACCORDANCE WITH CAR
Dec 4/12	15	7	289	7	ANNUAL INSPECTION ACCOMPLISHED IN ACCORDANCE WITH CA
Jan 3/13					
Jan 9/13					SECC ENG LOG 3 SIMON PLUGS CLEANED, GAMES REINSTATED
Mar 19/13					GILFANOR ADJUSTED (KITCOMAN OUT) INS. SERVO REPL (KITCOMAN OUT) FIVE DIGIT BOTH MALS OVERHAUL (EXECUTIVE ALISS)
Nov 28/13	15	8	305	5	ANNUAL INSPECTION ACCOMPLISHED IN ACCORDANCE WITH C
Feb 15/14					PROP REINSTATED AFTER OVERHAUL BY PALM BEACH PROP
Mar 3/15	7	10	7	10	ANNUAL INSPECTION ACCOMPLISHED IN ACCORDANCE WITH CA
Dec 3/15	7	50	15	00	ANNUAL INSPECTION ACCOMPLISHED IN ACCORDANCE WITH C
Dec 5/16	4	130	19	30	ANNUAL INSPECTION ACCOMPLISHED IN ACCORDANCE WITH C
	11	25	26	25	CORRECTED
JAN/15-18	12	2	386		

DATE: JANUARY 15-2018 REG: C-UDNX R/H PROPELLER S/N BG3946 T.T.S.O.: 38.6  
 Annual inspection carried out in accordance with C.A.R. 625 Appendix "B" and "C".

The maintenance described above has been performed in accordance with the applicable standards of airworthiness requirements.

Signature: *[Signature]* H156335

TOTAL THIS PAGE	
TOTAL FROM PREVIOUS SUMMARY	
TOTAL SINCE MFG.	

CARRIED FORWARD

# MAINTENANCE

REPAIRS, ENTRIES. DRAW A DIAGONAL LINE THROUGH UNNECESSARY SPACES.

1. PROPELLER SERVICE AND MAINTENANCE

2. ANNUAL INSPECTION ACCOMPLISHED IN ACCORDANCE WITH CAR

3. ANNUAL INSPECTION ACCOMPLISHED IN ACCORDANCE WITH CAR

4. ANNUAL INSPECTION ACCOMPLISHED IN ACCORDANCE WITH CA

5. INTERIOR NOZZLES CLEAN

6. TESTED & REINSTATED

7. DRIES, FT. LAUDERDALE, FLA

8. ACCORDANCE WITH C

9. BY PALM BEACH PROP

10. ACCORDANCE WITH CA

11. ACCORDANCE WITH C

12. ACCORDANCE WITH C

DNY RHPRO

## AUTHORIZED RELEASE CERTIFICATE

FAA FORM 8130-3, AIRWORTHINESS APPROVAL TAG

Palm Beach Aircraft Propeller  
 2633 Lantana Rd, Building 1501  
 Lantana, Florida 33462

0499 Mfg. Spec. Manual # 1170, Rev. 15, 08/2012

Fail details held on WCA 17533

1. PROPELLER SERVICE AND MAINTENANCE	17533
2. ANNUAL INSPECTION ACCOMPLISHED IN ACCORDANCE WITH CAR	17533
3. ANNUAL INSPECTION ACCOMPLISHED IN ACCORDANCE WITH CAR	17533
4. ANNUAL INSPECTION ACCOMPLISHED IN ACCORDANCE WITH CA	17533
5. INTERIOR NOZZLES CLEAN	17533
6. TESTED & REINSTATED	17533
7. DRIES, FT. LAUDERDALE, FLA	17533
8. ACCORDANCE WITH C	17533
9. BY PALM BEACH PROP	17533
10. ACCORDANCE WITH CA	17533
11. ACCORDANCE WITH C	17533
12. ACCORDANCE WITH C	17533

1. PROPELLER SERVICE AND MAINTENANCE

2. ANNUAL INSPECTION ACCOMPLISHED IN ACCORDANCE WITH CAR

3. ANNUAL INSPECTION ACCOMPLISHED IN ACCORDANCE WITH CAR

4. ANNUAL INSPECTION ACCOMPLISHED IN ACCORDANCE WITH CA

5. INTERIOR NOZZLES CLEAN

6. TESTED & REINSTATED

7. DRIES, FT. LAUDERDALE, FLA

8. ACCORDANCE WITH C

9. BY PALM BEACH PROP

10. ACCORDANCE WITH CA

11. ACCORDANCE WITH C

12. ACCORDANCE WITH C









RECORD OF PROPELLER  
AIRWORTHINESS DIRECTIVES (A/D), SERVICE BULLETINS (S/B),

DATE A/D, S/B, S/I, MODS DETAILS OF

**Oct 1 1992** FOR AD, S/B, S/I, & MODS  
SEE ATTACHED SHEET

Sept 29/92 The following Hartzell Service Bulletins and Service Letters  
Service Instructions are incorporated:  
S/L\* 97A, 61-118E, 136H, 61-226B1, 61-227R2.  
S/L\* 61-61W, 62A, 69, 61-176, 61-177, 61-184, 61-185, 61-189, 61-249R3  
61-222.

Model	Serial	Work Order #	Signature
Propeller Model: HC-821	821	WORK ORDER # 21-22	
AD #	821911	Date and hours of Compliance	Returning Releaser
2002-09-08	Present status of the propeller since first release issue	Yes	Next Due Date/Hours
Description: Propeller Model: HC-821	Category: Propeller	Manufacturer name: Hartzell	Particulars: 821911
Compliance: Effective Date: 08/01/92	Superseded By: NA	Compliance #	Authorized Sign.
Compliance: (1) NOT OVER 12,000 HRS. REQUIRES 12,000 HRS. COMPLIANCE WITH THIS OVERHAUL. (2) GRINDING EXTREME AND OVERSPEED NOT APPLICABLE.			
Notes: 821-110			

MODEL HCE2YL-285L SERIAL 863946 DATE Oct 14 92

THE FOLLOWING WERE COMPLIED WITH ON WORK ORDER NUMBER T27013

AD 71-21-89 HCE2Y1 1-2 NON COUNTERWEIGHTED PROPELLER -  
BACKUP SPRING INSTALLED AS PER S/L 62 27JUN72  
AD 77-12-06 HLB STAMPED "S" SUFFIX 28FEB92  
NOT REQUIRED UNTIL 12,000 HOURS AS PER  
HARTZELL S/L 61R

S/A 16A BALANCE WEIGHT SCREW LOCK WIRE LOCATION 11NOV85  
CHECKED

S/A 22A BEARING SPACERS MODIFIED TO REMOVE SHARP 28JAN86  
EDGES

S/A 73 ALL OVERHAUL/REPAIR WORK CARRIED OUT USING 08JUL72  
LATEST MANUALS AND SERVICE INFORMATION AS  
PER THIS ADVISORY

S/B 118D BLADE SHOULDERS POLISHED, ETCHED, PENETRANT- 25MAR91  
INSPECTED & COLD ROLLED AS PER S/B118D-SUP-1D  
151A, 155, S/I 151C, 171B, 185

S/B 142B NEW TYPE PISTON SEALS INSTALLED WHICH ARE 11NOV85  
COMPATIBLE WITH MULTI-GRADE ENGINE OILS AS  
PER S/L 148A

S/B 159A PROPELLER GREASED WITH AERO SHELL #6 AS PER 15NOV91  
S/A 17B, A3594 LUBRICANT DECAL INSTALLED

S/I 189 PER S/A 55 10SEP76  
2 BLADE CONTACT PROPELLER - B3323 RUBBING  
PLATES INSTALLED

S/L 122 CAUTION DECALS AFFIXED TO PROPELLER 26JUL78

S/L 155A A2043-1 NUTS INSTALLED AND TORQUED 14FEB90

PER *Murphy*  
WESTERN PROPELLER (ATLANTIC) LTD.

Description: Propeller Model: HC-821	Category: Propeller
Compliance: Effective Date: 08/01/92	Manufacturer name: Hartzell
Superseded By: NA	Particulars: 821911
Compliance: (1) COMPLIANCE WITH THIS OVERHAUL. (2) NOT APPLICABLE BY HLB SERIAL NUMBER.	Authorized Sign.
Notes: APPLICABLE TO CERTAIN HARTZELL PROPELLER 11 SHANK MODEL PROPELLER I.D. BY HLB SERIAL NUMBERS.	

Description: Propeller Model: HC-821	Category: Propeller
Compliance: Effective Date: 02/01/92	Manufacturer name: Hartzell
Superseded By: NA	Particulars: 821911
Compliance: (1) NOT APPLICABLE BY PRO-ENGINE AIRFRAME COMBINATION. (2) NOT APPLICABLE BY PRO-ENGINE SERIAL NUMBER. (3) IF NEW MODIFIED HLB INSTALLED, THIS CANCELS THE A/D.	Authorized Sign.
Notes: (SEE CURRENT IMPACT PROX. S/L 811 021 REV. 2) PREVENT EVERY 100 HRS. OR REPLACEMENT OF HLB AND DISMANTLING ACTION. (2) BLADE PILES ON AIRCRAFT AND AIRCRAFT FUEL WASTAGE FROM (A) (B) (C) WITH S/L 811 021 REV. 2.	



462-0159



RECORD OF PROPELLER  
AIRWORTHINESS DIRECTIVES (A/D), SERVICE BULLETINS (S/B),

DATE A/D, S/B, S/L, MODS DETAILS OF

MT 1 + 200 FOR AD, S/B, S/L, & MODS  
SEE ATTACHED SHEET

Sept 23/02 The following Horizontal Service Bulletins and Service Letters  
have been incorporated:  
S/L # 97A, 61-118E, 136H, 61-226A1, 61-227R2.  
S/L # 61-61W, 62A, 69, 61-176, 61-177, 61-184, 61-185, 61-189, 61-289R3  
61-222.

Propeller Model	AD #	Subject	Date and Hours at Compliance	Recurring Tasks	Next Due Date/Hours
Propeller Model: HC-827	AD #	Subject	Date and Hours at Compliance	Recurring Tasks	Next Due Date/Hours
8420-01	8420-01	Propeller hub brace		Yes	
Description: Propeller Model: HC-827	Category: Propeller				
Compliance: Propeller Model: HC-827	Mechanic Name:				
Effective Date: 06/01/04	Certificate #:				
Supervisor: NA	Authorized Sign:				
Supervised By: NA					
Compliance:					
Notes:					

LEAVENS AVIATION INC.  
AMO 2-72

AD Compliance Report

Propeller Model	AD #	Subject	Date and Hours at Compliance	Recurring Tasks	Next Due Date/Hours
Propeller Model: HC-827	AD #	Subject	Date and Hours at Compliance	Recurring Tasks	Next Due Date/Hours
8420-01	8420-01	Propeller hub brace		Yes	
Description: Propeller Model: HC-827	Category: Propeller				
Compliance: Propeller Model: HC-827	Mechanic Name:				
Effective Date: 06/01/04	Certificate #:				
Supervisor: NA	Authorized Sign:				
Supervised By: NA					
Compliance:					
Notes:					

AD Compliance Report

Propeller Model	AD #	Subject	Date and Hours at Compliance	Recurring Tasks	Next Due Date/Hours
Propeller Model: HC-827	AD #	Subject	Date and Hours at Compliance	Recurring Tasks	Next Due Date/Hours
8420-02	8420-02	Propeller hub brace		Yes	
Description: Propeller Model: HC-827	Category: Propeller				
Compliance: Propeller Model: HC-827	Mechanic Name:				
Effective Date: 06/01/04	Certificate #:				
Supervisor: NA	Authorized Sign:				
Supervised By: 2011-23-08					
Compliance:					
Notes:					

462-0159

