

(MTWA not exceeding 2730 kg)

PROPELLER LOG BOOK

CAP 400



Q

AT-KAL

The United States of America
Department of Transportation
Federal Aviation Administration
Washington, D.C.

No. **E460648**

Export Certificate of Airworthiness

This certifies that the product identified below and particularly described in Specification(s)¹ of the Federal Aviation Administration, Numbered A00003SE, E5SO, and P35EA, has been examined as of the date of this certificate, is considered airworthy in accordance with a comprehensive and detailed airworthiness code of the United States Government, and is in compliance with those special requirements of the importing country filed with the United States Government, except as noted below. The certificate in no way attests to compliance with any agreements or contracts between the vendor and purchaser, nor does it constitute authority to operate an aircraft.

Product: Aircraft

ENGINE INSTALLED

Make: Teledyne Continental Motors
Model: TSION-550-C (11)
Serial No.: 802969
Total time: 143.7 Hours

Manufacturer: Cessna Aircraft Co.

Model: LC41-550FG

Serial No: 411032

New:

Used: XX

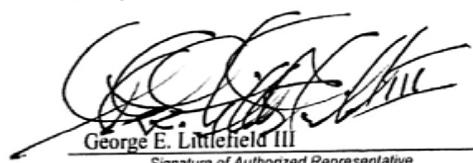
PROPELLER INSTALLED

Hartzell Propeller, Inc.
Model: HC-H3YF-1RF/F7693DF
Serial No.: LX459B
Total Time: 143.7 Hours

Country to which exported: Qatar

Exceptions: None

Aircraft Total Time in Service: 143.7 Hours



George E. Littlefield III

Signature of Authorized Representative

September 30, 2011

Date

DART-832601-SO

District Office or Designee Number

Total times since annual type inspection IAW 14 CFR part 43:
Aircraft: 0.0 Hours, Engine: 0.0 Hours, Propeller: 0.0 Hours

¹ For complete aircraft, list applicable specification or type certificate data sheet for the aircraft, engine, and propeller. Applicable specification or type certificate data sheet, if not attached to this export certificate, will have been forwarded to the appropriate governmental office of the importing country.

PROPELLERLog Book No. 045Type HARTZELL HC-H3YF-1RF ConstructorSerial No. LX459B Date of construction 2008Blade Type — Serial Nos. —**TYPE & NUMBER OF ENGINE TO WHICH FITTED**

1. K70120 BLADE 1 4. T510-550-C
2. K70114 BLADE 2 5.
3. K70121 BLADE 3 6.

NATIONALITY & REGISTRATION MARKS OF AIRCRAFT

1. A7-KAL 3. 5.
2. 4. 6.

OPERATORName & Address KHALID A. AL KHTATIB
P.O. BOX 831Name & Address DOHA QATAR

Name & Address

PART A
MAINTENANCE

HARTZELL PROPELLER INC
INSPECTION

Item Number: H3F00410

Date: 3/7/2008

Work Order #: M697720

Model Number HC-H3YF-1RF/F7693DFK													
Ass'y Ser No. LX459B		Hydr Unit No. NA		Bulkhead No. NA		Valve No. NA							
Blade 1: K70120		Blade 2: K70114		Blade 3: K70121		Blade 4:		Blade 5:		Blade 6:			
Clamp 1:		Clamp 2:		Clamp 3:		Clamp 4:		Clamp 5:					
Reverse NA	Start Lock NA	Low Pitch 16.5	High Pitch 43.0	Feather NA	Position 3	Orient. T	Qty:AI 0	St 0	Scrw 2	A-2424-1 0	Washer 0		
Ref Radius (inches) for angles: 30													
Comments: Deice Kit: 102284-1 Included but not inst.													
Packing Certified By: P.D.		Date: 3/7/08											
Inspected By: Tim Jess													

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

Date	Installed on Aircraft Registration	Airframe Hours When Installed	Total Hrs. Run Since New/O'haul	Airframe Hours When Removed	Reason for removal	Signature Authority Date
1 2011	2	3	143.7	5	144.3	RET. QAC JUN 01 8189 / EN
Total bf.	A7-KAL					
27 NOV	"		147.8			
28 NOV	"		148.5			
03 DEC	"		149.6			
08 DEC	"		151.4			
09 DEC	"		152.6			
17 DEC	"		153.4			
19 DEC	"		154.9			
31 DEC	"		155.9			
02 JAN	"		157.0			
06 JAN	"		157.5			
11 JAN	"		159.0		RET. QAC JUN 01 3837 / EN	
Total cf.	A7-KAL		159.0			

Date

The work recorded below has been carried out in accordance with the applicable requirement annotated in Column 11 and in that respect the propeller is considered fit for release to service.

9



Qatar Aeronautical College

A/C Type: LC41-550FG

A/C Reg: A7-KAL

Ref: 013189/EN

Prop Type: HC-H3YF-1RF

Prop S/N: LX459B

Prop Hours: 143.7

Work Carried Out

1. 50 hr. Inspection Carried out I.A.W QAC/Cessna 400 Approved Maintenance Schedule
Dated 20 October 2011 Issue 1 Rev. 0.
2. All AD's Pertaining to LC41-550FG, Checked up to Date and Found to be Satisfactory.

Certifies that the work specified, except otherwise specified as carried out in accordance with Qatar Civil Aviation Regulation Part 145 and in respect to that work the aircraft/aircraft component is considered ready for release to service.



Sign: Date 20 Nov 2011 Stamp:

Issue Date: July 2009, Rev.0

Form 108

Sign: Date 26 Jan 2012 Stamp:

Form 108



26/01/2012

8

Signature Authority Date
10 11

Applicable Requirement for Release to Service
 1 2 3 4

8

Signature
Authority
ate
)
Applicable Requirement
for Release to Service

11



20/10/2011



Propeller Log Book Certificate

Qatar Aeronautical College	Propeller Log Book Certificate		
A/C Type: LC41-550FG	A/C Reg: A7-KAL	Ref: 013337/EN	
Prop Type: HC-H3YF-1RF	Prop S/N: LX459B	Prop Hours: 159.0	

Work Carried Out

- Annual Inspection Carried out I.A.W QAC/Cessna 400 Approved Maintenance Schedule
Dated 20 October 2011 Issue 1 Rev. 0.

Certifies that the work specified, except otherwise specified as carried out in accordance with Qatar Civil Aviation Regulation Part 145 and in respect to that work the aircraft/aircraft component is considered ready for release to service.



Sign:..... Date 26 Jan 2012 Stamp:.....

Form 108

Issue Date: July 2009, Rev.0

26/01/2012

Date	Installed on Aircraft Registration	Airframe Hours When Installed	Total Hrs. Run Since New/O'haul	Airframe Hours When Removed	Reason for removal	Signature Authority Date
1 2012	2	3	4	5	6	7
Total bf.	AT-KAL		159.0			
26 JAN	"		160.0			
03 FEB	"		161.0			
04 FEB	"		162.1			
07 MAR	"		163.2			
08 MAR	"		164.1			
10 MAR	"		164.9			
12 MAR	"		165.9			
12 MAR	"		167.4			
07 APR	"		168.5			
11 MAY	"		169.5			
12 MAY	"		170.7			
15 MAY	"		171.4			
01 JUN	"		172.9			
02 JUN	"		175.1			
Total cf.	"		175.1			

Date

The work recorded below has been carried out in accordance with the applicable requirement annotated in Column 11 and in that respect the propeller is considered fit for release to service.

Particulars of Maintenance and Other Work Carried Out on the Propeller

Signature
Authority

Date

10

Applicable Requirement
for Release to Service

1 2 3 4

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12

Date	Installed on Aircraft Registration	Airframe Hours When Installed	Total Hrs. Run Since New/O'haul	Airframe Hours When Removed	Reason for removal	Signature Authority Date
1 2012	2	3	1750	5		7
Total bf.	A7-KAL		177.6			
08 JUN	"		179.6			
09 JUN	"		181.0			
17 JUN	"		182.1			
22 JUN	"		183.7		RET. AAC 1/M: 013601/EM	
23 JUN	"		188.9			
29 JUN	"		195.7			
01 JUL	"		197.3			
27 JUL	"		198.1			
28 AUG	"		198.7			
05 OCT	"		200.1			
11 OCT	"		201.1			
19 OCT	"		202.1		RET. AAC 1/M: 013836/EM	
20 OCT	"					
Total cf.	—		202.1			



Propeller Log Book Certificate

Qatar Aeronautical College

A/C Type: LC41-550FG

A/C Reg: A7-KAL

Ref: 013836/EN

Prop Type: HC-H3YF-1RF

Prop S/N: LX459B

Prop Hours: 202.1

Work Carried Out

1. Annual Inspection Carried out I.A.W QAC/Cessna 400 Approved Maintenance Schedule
Dated 20 October 2011 Issue 1 Rev. 0.
2. 50 hr. Inspection Carried out I.A.W. QAC/Cessna 400 Approved Maintenance Schedule
Dated 20 October 2011 Issue 1 Rev. 0.

Certifies that the work specified, except otherwise specified as carried out in accordance with Qatar Civil Aviation Regulation Part 145 and in respect to that work the aircraft/aircraft component is considered ready for release to service.

Sign:

Date 27 Dec 2012 Stamp

Form 108

Issue Date: July 2009, Rev.0
Signature..... Date 20 Jun 2012 Stamp.....

Form 108



Anwar



Propeller Log Book Certificate

Qatar Aeronautical College

A/C Type: LC41-550FG

A/C Reg: A7-KAL

Ref: 013621/EN

Prop Type: HC-H3YF-1RF

Prop S/N: LX459B

Prop Hours: 183.7

Work Carried Out

1. 50 hr. Inspection Carried out I.A.W QAC/Cessna 400 Approved Maintenance Schedule
Dated 20 October 2011 Issue 1 Rev. 0.

Certifies that the work specified, except otherwise specified as carried out in accordance with Qatar Civil Aviation Regulation Part 145 and in respect to that work the aircraft/aircraft component is considered ready for release to service.



Sign:

Issue Date: July 2009, Rev.0

Form 108

Date 28 Jun 2012 Stamp:



Annex

annotated

Signature Authority
Applicable Requirement
for Release to Service

Date
10

1 2 3 4

Date	Installed on Aircraft Registration	Airframe Hours When Installed	Total Hrs. Run Since New/O'haul	Airframe Hours When Removed	Reason for removal	Signature Authority Date
1 2013	2	3	4	5	6	7
Total bf.	A7-KM	,	202.1			
04 JAN	"		203.1			
05 JAN	"		204.2			
16 JAN	"		205.2			
04 MAR	"		206.2			
09 MAR	"		207.2			
30 APR	"		208.2		PER. QAC SMC 014073 / EM	
25 MAY	"		209.7			
31 MAY	"		216.0			
02 JUN	"		221.4			
04 JUN	"		222.1			
06 JUN	"		222.6			
08 JUN	"		228.2			
10 JUN	"		234.5			
21 JUN	"		236.5			
Total cf.	"		236.5			

The work recorded below has been carried out in accordance with the applicable requirement annotated in Column 11 and in that respect the propeller is considered fit for release to service.

Particulars of Maintenance and Other Work Carried Out on the Propeller

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11

Signature Authority
Date

Applicable Requirement
for Release to Service



Propeller Log Book Certificate

Qatar Aeronautical College

A/C Type: LC41-550FG

A/C Reg: A7-KAL

Ref: 014073/EN

Prop Type: HC-H3YF-1RF

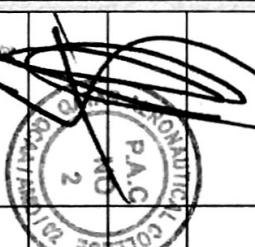
Prop S/N: LX459B

Prop Hours: 208.2

Work Carried Out

- 50 hr. Inspection Carried out I.A.W QAC/Cessna 400 Approved Maintenance Schedule
Dated 20 October 2011 Issue 1 Rev. 0.

Certifies that the work specified, except otherwise specified as carried out in accordance with Qatar Civil Aviation Regulation Part 145 and in respect to that work the aircraft/aircraft component is considered ready for release to service.



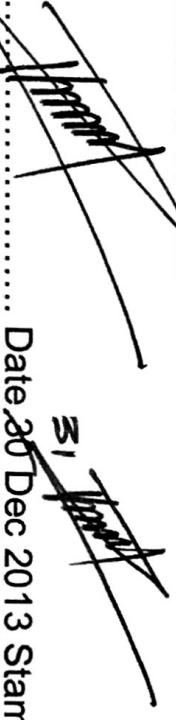
23 MAY 2013

Sign: Date 23 May 2013 Stamp:.....

Issue Date: July 2009, Rev.0

Form 108

Date	Installed on Aircraft Registration	Airframe Hours When Installed	Total Hrs. Run Since New/O'haul	Airframe Hours When Removed	Reason for removal	Signature Authority Date
1 2013	2	3	4	5	6	7
Total bf.	A7-KH		236.5			
22 JUN	"		236.6			
24 JUN	"		238.6			
15 JUL	"		240.6			
14 SEP	"		241.5			
04 OCT	"		243.4			
06 OCT	"		244.6			
19 OCT	"		246.6		PAT- QAC VIN: 0142871EN	
Total cf.	-		246.6			

Date 8	<p>The work recorded below has been carried out in accordance with the applicable requirement annotated in Column 11 and in that respect the propeller is considered fit for release to service.</p> <p>Particulars of Maintenance and Other Work Carried Out on the Propeller</p>			Signature Authority Date 0	Applicable Requirement for Release to Service 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/> 11
 <h3>Propeller Log Book Certificate</h3>					
Qatar Aeronautical College	A/C Type: LC41-550FG	A/C Reg: A7-KAL	Ref: 014287/EN		
Prop Type: HC-H3YF-1RF	Prop S/N: LX459B	Prop Hours: 246.6			
Work Carried Out					
<ol style="list-style-type: none"> Annual Inspection Carried out I.A.W QAC/Cessna 400 Approved Maintenance Schedule Dated 04 March 2013 Issue 1 Rev. 1. 150 hr. Inspection Carried out I.A.W. QAC/Cessna 400 Approved Maintenance Schedule Dated 04 March 2013 Issue 1 Rev. 1. 50 hr. Inspection Carried out I.A.W. QAC/Cessna 400 Approved Maintenance Schedule Dated 04 March 2013 Issue 1 Rev. 1. 					
<p>Certifies that the work specified, except otherwise specified as carried out in accordance with Qatar Civil Aviation Regulation Part 145 and in respect to that work the aircraft/aircraft component is considered ready for release to service.</p>					
<p>Sign:  31 Dec 2013 Date 30 Dec 2013 Stamp: 31 DEC 2013</p>					
<p>Issue Date: July 2009, Rev.0</p>					
Form 108					

Date	Installed on Aircraft Registration	Airframe Hours When Installed	Total Hrs. Run Since New/O'haul	Airframe Hours When Removed	Reason for removal	Signature Authority Date
1 2014	2	3	246.6	4		
Total bf.	A7-KAL					
14 JAN	"		247.1			
21 FEB	"		247.6			
11 MAR	"		248.1			
18 APR	"		248.7			
19 APR	"		249.3			
02 MAY	"		250.3			
03 MAY	"		251.3			
23 MAY	"		252.3			
24 MAY	"		252.9		PER. ONE JIN: 014486 / EN	
06 JUN	"		254.0			
11 JUN	"		261.0			
12 JUN	"		265.1			
14 JUN	"		268.0			
18 JUN	"		271.0			
Total cf.	"		271.0			

Date	The work recorded below has been carried out in accordance with the applicable requirement annotated in Column 11 and in that respect the propeller is considered fit for release to service.			Signature Authority Date	Applicable Requirement for Release to Service
8	Particulars of Maintenance and Other Work Carried Out on the Propeller			10	1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4 <input type="checkbox"/>
9	 Propeller Log Book Certificate				
	Qatar Aeronautical College	A/C Type: LC41-550FG	A/C Reg: A7-KAL	Ref: 014486/EN	
	Prop Type: HC-H3YF-1RF	Prop S/N: LX459B	Prop Hours: 252.9		
	Work Carried Out				
	<p>1. 50 hr. Inspection Carried out I.A.W QAC/Cessna 400 Approved Maintenance Schedule Dated 20 October 2011 Issue 1 Rev. 0.</p> <p>Certifies that the work specified, except otherwise specified as carried out in accordance with Qatar Civil Aviation Regulation Part 145 and in respect to that work the aircraft/aircraft component is considered ready for release to service.</p>				
	 				
	Sign: Date 03 Jun 2014 Stamp:				
	Issue Date: July 2009, Rev 0				
	Form 108				

Date	Installed on Aircraft Registration	Airframe Hours When Installed	Total Hrs. Run Since New/O'haul	Airframe Hours When Removed	Reason for removal	Signature Authority Date	Date
1 2014	2	3	4	5	6	7	8
Total bf.							
19 JUN	271.0						
20 JUN	274.5						
22 JUN	276.5						
24 JUN	279.4						
25 JUN	284.1						
Total cf.	290.0	0.0					

Date

The work recorded below has been carried out in accordance with the applicable requirement annotated in Column 11 and in that respect the propeller is considered fit for release to service.

Particulars of Maintenance and Other Work Carried Out on the Propeller

Date

9

Signature Authority Date

11

Applicable Requirement for Release to Service

propeller removed GR 01H due to standstill

lim. to take propeller hours since repair

290.0

30/06/2014



1 2 3 4

22

Date	Installed on Aircraft Registration	Airframe Hours When Installed	Total Hrs. Run Since New/O'haul	Airframe Hours When Removed	Reason for removal	Signature Authority Date
1	2	3	4	5	6	7
Total bf.						8

Date The work recorded below has been carried out in accordance with the applicable requirement annotated in Column 11 and in that respect the propeller is considered fit for release to service.

Particulars of Maintenance and Other Work Carried Out on the Propeller

Signature
Authority

Applicable Requirement
for Release to Service

8

1. Approving Competent Authority/Country CAA, UNITED KINGDOM	2. AUTHORISED RELEASE CERTIFICATE EASA FORM 1				3. Form Tracking Number BP01470
4. Organisation Name and Address Brinkley Propeller Services Ltd	Propulsion House, 4 High Street Meppershall, Bedfordshire SG17 5LX		T: +44 (0)1462 816120 E: info@brinkley-propeller.com	5. Work Order / Contract / Invoice P55827	
6. Item 1	7. Description PROPELLER	8. PartNo. HC-H3YF-1RF	9. Qty ONE	10. Serial No. LX459B	11. Status / Work OVERHAULED
12. Remarks Propeller Overhauled and returned to Zero hours (TSO). Manual Ref.- 159R42,113BR41 TR17,18,133CR31,180R18 TR7,8,9,181R4 TR5,182R14 TR15,183R2 TR3,5,202AV1R47 TR11,V2R29,V3R34,V6R32,V7R36,V8R30,V10R32 TR7,8,9,V11R35. CALIBRATION OF AIRCRAFT TACHOMETERS TO BE CHECKED PERIODICALLY IAW HARTZELL SL185					
ADs: 2005-14-11 n/a no record of work carried out by SCP.2007-26-09 n/a by serial no.94-17-13 n/a by model no. SBs: 118FR1,136I complied with this time. SLs: 260R21,329,154,261,276R2,172R1,177,189R2,212R1,217,229R2,244,256,265R2,61YR6 complied with this time.69,278 PCW.185 see release cert.					
13a. Certifies that the items identified above were manufactured in conformity to:			14a. <input checked="" type="checkbox"/> Part-145.A.50 Release to Service <input checked="" type="checkbox"/> Other regulation specified in block 12 Certificates that unless otherwise specified in block 12, the work identified in block 11 and described in block 12, was accomplished in accordance with Part-145 and in respect to that work the items are considered ready for release to service.		
13b. Authorised Signature		13c. Approval / Authorisation Number	14b. Authorised Signature  		14c. Certificate / Approval Ref. UK.145.01167
13d. Name		13e. Date (dd/mmm/yyyy)	14d. Name Christopher Reynolds	BPSL 01	14e. Date (dd/mmm/yyyy) 14-Aug-2014

EASA Form 1 - MF/145 Issue 2

USER / INSTALLER RESPONSIBILITIES

This certificate does not automatically constitute authority to install the item(s).

Where the user/installer performs work in accordance with regulations of an airworthiness authority different than the airworthiness authority specified in block1. It is essential that the user/installer ensures that his/her airworthiness authority accepts items from the airworthiness authority specified in block1.

Statements in blocks 13a and 14a 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.

BPSL Form No. 6 Issue 2 DR

Date	Installed on Aircraft Registration	Airframe Hours When Installed	Total Hrs. Run Since New/O'haul	Airframe Hours When Removed	Reason for removal	Signature Authority Date
2014	2	3	4	5	6	7
Total bf.	A7-KAL		0		REF: QAC JN: O14548/EN	
Total cf.						

Date	The work recorded below has been carried out in accordance with the applicable requirement annotated in Column 11 and in that respect the propeller is considered fit for release to service.		
	Particulars of Maintenance and Other Work Carried Out on the Propeller		
8	9	Signature Authority Date 10	Applicable Requirement for Release to Service
 <p>Qatar Aeronautical College</p>		 <p>Propeller Log Book Certificate</p> <p>A/C Type: LC41-550FG A/C Reg: A7-KAL Ref: 014548/EN</p> <p>Prop Type: HC-H3YF-1RF Prop S/N: LX459B Prop Hours: 0</p> <p>Work Carried Out</p> <ol style="list-style-type: none"> 1. Annual Inspection Carried out I.A.W QAC/Cessna 400 Approved Maintenance Schedule Dated 04 March 2013 Issue 1 Rev. 1. And Cessna 100 hour inspection IAW manual Ref. 400 MM Rev. 4 dated 01 June 2014. 2. Propeller installed IAW the AMM after overhaul. Certificate / Approval Ref. UK. 145.01167 PN: HC-H3YF-1RF SN: LX459B <p>Certifies that the work specified, except otherwise specified as carried out in accordance with Qatar Civil Aviation Regulation Part 145 and in respect to that work the aircraft/aircraft component is considered ready for release to service.</p> <p>Sign: Date 08 Sep 2014 Stamp:.....</p> <p>Issue Date: July 2009, Rev.0</p> <p>Form 108</p>	
		<input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/> 4	

Date

Installed on
Aircraft
RegistrationAirframe
Hours
When
InstalledTotal Hrs.
Run Since
New/O'haulAirframe
Hours
When
Removed

Reason for removal

Signature
Authority
Date

1

Total bf.

2

3

4

5

6

7

Log closed - See VS Log 3