

**HARTZELL**

# PROPELLER LOGBOOK

PROPELLER MODEL PHC-L3YF-1RF

PROPELLER S/N ED 524B

LOGBOOK # 1

## PROPELLER MAINTENANCE RECORD

Position \_\_\_\_\_

PITCH RANGE

Propeller Model PHC-L34F-1RF

High/Feather \_\_\_\_\_

Propeller S/N FD 524B

Start Lock \_\_\_\_\_

Blade Design F7691

Low \_\_\_\_\_

Blade S/N's

Reverse \_\_\_\_\_

No. 1 K18348

No. 2 K18353

Aircraft Manufacturer Cessna

No. 3 K18351

Aircraft Model 182L

No. 4 \_\_\_\_\_

S/N 18259203

No. 5 \_\_\_\_\_

Registration 42818

No. 6 \_\_\_\_\_

Spinner Assembly Part No. \_\_\_\_\_





Date	Propeller		A/C Hrs
	TSN	TSO	

PROP MODEL:  
PHC-L3YF-1RF/F7691  
PROP S/N: FD524B  
REG. NO: 42818  
WORK ORDER: 13218



### Mangon Aircraft, Inc.

501 Sky Ranch Drive  
Petaluma, CA 94954-3908  
Phone: (707) 765-1848

DATE: 06 August, 2010  
A/C TSN: 3937.24  
PROP TT: 551.27  
TACH: 3937.24

### Prop Entries

Completed a 100 Hour inspection and service on propeller using Cessna Service Manual D637-13, 01 Sep. 1968, (TR5, 07 Oct. 2002) Inspection requirements of Section II, which meets the requirements, scope and detail of FAR 43.13, Appendix D. Blades cleaned, inspected, dressed out nicks and profiled leading edges as required. Track checked propeller. Blade backs painted.

PROPELLER GROUND OPERATED, ALL FUNCTIONS CHECKED NORMAL.  
I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 06 August, 2010

SIGNED

John O Connell, A&P: 3564328 IA

Work Order: 13218

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PROP MODEL:  
PHC-L3YF-1RF/F7691  
PROP S/N: FD524B  
REG. NO: 42818  
WORK ORDER: 13611



### Mangon Aircraft, Inc.

501 Sky Ranch Drive  
Petaluma, CA 94954-3908  
Phone: (707) 765-1848

DATE: 03 October, 2011  
A/C TSN: 4037.56  
PROP TT: 651.59  
TACH: 4037.56

### Prop Entries

Propeller completed an Annual/100 Hour inspection and service using Cessna Service Manual D637-13, 01 Sep. 1968, (TR5, 07 Oct. 2002) Inspection requirements of Section II, Blades cleaned, inspected, dressed out nicks and profiled leading edges as required. Track checked propeller. Blade backs painted.

PROPELLER GROUND OPERATED, ALL FUNCTIONS CHECKED NORMAL.  
I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 03 October, 2011

SIGNED

Michael Tillman, A&P: 2845176 IA

Work Order: 13611

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PROP MODEL:  
PHC-L3YF-1RF/F7691  
PROP S/N: FD524B  
REG. NO: 42818  
WORK ORDER: 14067



### Mangon Aircraft, Inc.

501 Sky Ranch Drive  
Petaluma, CA 94954-3908  
Phone: (707) 765-1848

DATE: 09 November, 2012  
A/C TSN: 4146.69  
PROP TT: 760.72  
TACH: 4146.69

### Prop Entries

Completed a 100 Hour inspection and service on propeller using Cessna Service Manual D637-13, 01 Sep. 1968, (TR5, 07 Oct. 2002) Inspection requirements of Section II, Blades cleaned, inspected, dressed out nicks and profiled leading edges as required. Track checked propeller. Blade backs painted and hub service with Aeroshell 6 grease.

PROPELLER GROUND OPERATED, ALL FUNCTIONS CHECKED NORMAL.  
I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.

DATE: 09 November, 2012

SIGNED

Ronald Mangon, A&P: 3456258 IA

Work Order: 14067

Printed by EBis 3 (datcomedia.com)

PROP MODEL:  
PHC-L3YF-1RF/F7691  
PROP S/N: FD524B  
REG. NO: 42818  
WORK ORDER: 14295



### Mangon Aircraft, Inc.

501 Sky Ranch Drive  
Petaluma, CA 94954-3908  
Phone: (707) 765-1848

DATE: 14 June, 2013  
A/C TSN: 4194.88  
PROP TT: 808.91  
TACH: 4194.88

### Prop Entries

50-Hour service and inspection on propeller completed using inspection guide. Propeller blades inspected and tracked.

THE ABOVE ITEM HAS BEEN INSPECTED, SERVICED AND GROUND OPERATED IN ACCORDANCE WITH GUIDE FOR A 50-HOUR SERVICE / INSPECTION. ALL SYSTEMS CHECKED NORMAL.

DATE: 14 June, 2013

SIGNED


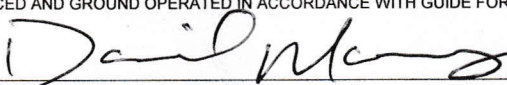

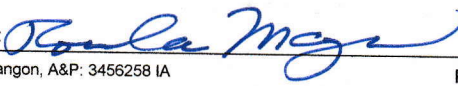
David Mangon, A&P: 3592237


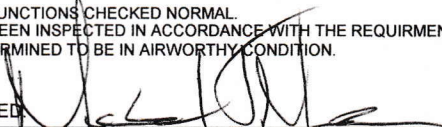

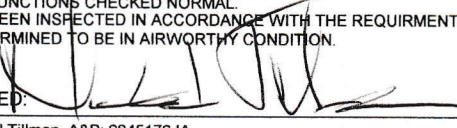
Work Order: 14295

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Date	Propeller TSN TSO	A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
			<p>PROP MODEL: PHC-L3YF-1RF/F7691 PROP S/N: FD524B REG. NO: 42818 WORK ORDER: 15493</p> <p> <b>Mangon Aircraft, Inc.</b> 501 Sky Ranch Drive Petaluma, CA 94954-3908 Phone: (707) 765-1848</p> <p>DATE: 15 July, 2016 A/C TSN: 4453.67 PROP TT: 1067.7 TACH: 4453.67</p> <p><b>Prop Entries</b></p> <p>50-Hour service and inspection on propeller completed using Savvy Aircraft Maintenance Management Guide for Oil Changes and Associated Service Items and Mangon Aircraft 50-Hour inspection guide. Propeller blades inspected and tracked.</p> <p>THE ABOVE ITEM HAS BEEN INSPECTED, SERVICED AND GROUND OPERATED IN ACCORDANCE WITH GUIDE FOR A 50-HOUR SERVICE / INSPECTION. ALL SYSTEMS CHECKED NORMAL.</p> <p>DATE: 15 July, 2016 SIGNED:  Work Order: 15493 David Mangon, A&amp;P: 3592237 Printed by EBis 3 (datcomedia.com)</p>
			<p>PROP MODEL: PHC-L3YF-1RF/F7691 PROP S/N: FD524B REG. NO: 42818 WORK ORDER: 15704</p> <p> <b>Mangon Aircraft, Inc.</b> 501 Sky Ranch Drive Petaluma, CA 94954-3908 Phone: (707) 765-1848</p> <p>DATE: 09 March, 2017 A/C TSN: 4491.35 PROP TT: 1105.38 TACH: 4491.35</p> <p><b>Prop Entries</b></p> <p>Propeller was inspected and serviced using Cessna 100 hour inspection guide. Blades were cleaned, profiled clear of nicks and painted. Track checked in limits.</p> <p>PROPELLER GROUND OPERATED, ALL FUNCTIONS CHECKED NORMAL. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>DATE: 09 March, 2017 SIGNED:  Work Order: 15704 Ronald Mangon, A&amp;P: 3456258 IA Printed by EBis 3 (datcomedia.com)</p>

			<p>PROP MODEL: PHC-L3YF-1RF/F7691 PROP S/N: FD524B REG. NO: 42818 WORK ORDER: 16085</p> <p> <b>Mangon Aircraft, Inc.</b> 501 Sky Ranch Drive Petaluma, CA 94954-3908 Phone: (707) 765-1848</p> <p>DATE: 30 March, 2018 A/C TSN: 4544.79 PROP TT: 1158.82 TACH: 4544.79</p> <p><b>Prop Entries</b></p> <p>Completed a 100 Hour inspection and service on propeller using Cessna Service Manual D637-13, 01 Sep. 1968, (TR5, 07 Oct. 2002) Inspection requirements of Section II, Blades cleaned, inspected, dressed out nicks and profiled leading edges as required. Track checked. Blade backs painted flat black.</p> <p>PROPELLER GROUND OPERATED, ALL FUNCTIONS CHECKED NORMAL. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>DATE: 30 March, 2018 SIGNED:  Work Order: 16085 Michael Tillman, A&amp;P: 2845176 IA Printed by EBis 3 (datcomedia.com)</p>
			<p>PROP MODEL: PHC-L3YF-1RF/F7691 PROP S/N: FD524B REG. NO: 42818 WORK ORDER: 16414</p> <p> <b>Mangon Aircraft, Inc.</b> 501 Sky Ranch Drive Petaluma, CA 94954-3908 Phone: (707) 765-1848</p> <p>DATE: 02 May, 2019 A/C TSN: 4601.1 PROP TT: 1215.13 TSPOH: 4601.1 TACH: 4601.1</p> <p><b>Prop Entries</b></p> <p>Completed a 100 Hour inspection and service on propeller using Cessna Service Manual D637-13, 01 Sep. 1968, (TR5, 07 Oct. 2002) Inspection requirements of Section II, Blades cleaned, inspected, dressed out nicks and profiled leading edges as required. Track checked. Blade backs painted flat black.</p> <p>PROPELLER GROUND OPERATED, ALL FUNCTIONS CHECKED NORMAL. I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE WITH THE REQUIREMENTS OF A 100-HOUR INSPECTION FOR AN ANNUAL CERTIFICATION AND WAS DETERMINED TO BE IN AIRWORTHY CONDITION.</p> <p>DATE: 02 May, 2019 SIGNED:  Work Order: 16414 Michael Tillman, A&amp;P: 2845176 IA Printed by EBis 3 (datcomedia.com)</p>



Date	Propeller TSN TSO	A/C Hrs	09-12-21	N42818	Prop Log	Tach: 4791.03
9-12-21	TACH 4791.03		<p>Performed 100Hr Inspection on Hartzell Propeller Model # PHC-L3YF-1RF/F7691 Per FAR 43 Appendix D. Checked Prop for nicks on leading edge. Checked for defects or corrosion on surface. Checked for leaks at hub. Lubed per Maintenance manual. No defects noted. Ok to return to service.</p> <p>David Raper <i>[Signature]</i> 2714749AP</p>			
			<p> Tucson Aircraft Maintenance 6330 S Aviator Ln Hangar A Tucson AZ 85735</p> <p>Make: Hartzell Model: PHC-L3YF-1RF/F7691 Tail: N42818 S/N:</p> <p>Hours: Tach: 4939.97</p> <p>Blended minor nicks from propeller blades.</p> <p>Signed: <i>[Signature: Rick Nelson]</i> Name: Rick Nelson</p> <p>Cert: A&amp;P 3253535 Date: 05/28/2022</p>			
<p>September 19, 2022. The tachometer time is 4,948.10 hours. The total time of propeller is 1,562.13 hours. Inspected and serviced in accordance with Cessna's maintenance manual checklist. Nicks in the propeller were dressed. I certify that this propeller has been inspected in accordance with an Annual inspection and was determined to be in airworthy condition. A&amp;P 3789786 IA <i>[Signature]</i></p>						

 Tucson Aircraft Maintenance 6330 S Aviator Ln Hangar A Tucson AZ 85735		Make: Hartzell Model: PHC-L3YF-1RF/F7691 Tail: N42818 S/N: FD524B
Hours: AFTT: 5010.0 Tach 5010.0 TTP: 1624.03		
Removed spinner. Inspected spinner, forward support and and aft bulkhead for cracks, none found. Inspected hub mounting bolts for security. Blended minor nicks from blades. Reinstalled spinner.		
Signed: <i>[Signature: Rick Nelson]</i> Name: Rick Nelson		Cert: A&P 3253535 Date: 11/04/2023
<p>November 04, 2023 N42818 Tach Time 5010.0 TTPROP 1624.03 TSPOH N/A</p> <p>I certify that this propeller has been inspected IAW an annual Inspection and was determined to be in airworthy condition. AD's researched and current through November 04, 2023.</p> <p>Jess Smith <i>[Signature]</i> A&amp;P 3069970 IA</p>		