## HARTZELL

## PROPELLER LOGBOOK

PROPELLER MODEL PHC-L3YF-IRF

PROPELLER S/N FD 524B

LOGBOOK #\_\_

## PROPELLER MAINTENANCE RECORD

Position	PITCH RANGE
Propeller Model PHC-L3YF-IRF	High/Feather
Propeller S/N FD S24B	Start Lock
Blade DesignF7691	Low
Blade S/N's	Reverse
No. 1 K18348	
No. 2 K 18353	Aircraft Manufacturer
No. 3 K18351	Aircraft Model 182L
No. 4	S/N 18259203
No. 5	Registration 42818
No. 6	
Spinner Assembly Part No	

Date	Propeller TSN TSO	A/C Hrs			all operations pertair ents, Overhaul, Majo			
		AIR PLAINS SERVICES I performance	Air Plains Servic Wellington Airport Wellington, KS 67 CRS #MNYR085k	152		Work Order#: N#: Tach: Date:	030410 42818 3385.97 09/02/05	
	accor	dance with		91 Series CES, CC	peller Log Propeller, 0.0 TOTAL DRP. STC SA00152WI 9/02/05			
	Prop	eller Serial	#: FD524B	and inspected	in accordance with current regulation	ons of the FAA and is annown	ert for return to sandra	
		Sig	mo		2	Inspector	ed to retuir to service.	
					<u> </u>		C	
	C				•		C	
			PROP MODEL: PHC-L3YF-1RF/F7691 PROP 9/N: FD524B REG. NO: 42818 WORK ORDER: 12476	Piper Service Center	Mangon Aircraft, Inc 501 Sky Ranch Drive Petaluma, CA 94954-3908 Phone: (707) 765-1848	c.		DATE: 25 July, 2008 A/C TSN: 3748.5 PROP TT: 362.53 TACH: 3748.5
			August 2006, page 504 para. PROPELLER GROUND OPE	2. A. (1)-(7)	L FUNCTIONS CHECKED NORI	MAL.		
			DATE: 25 July, 2008	SIC	S BEEN INSPECTED IN AIRWOR	Dropel		Work Order: 12476 EBis 3 (datcomedia.com
PROP S/N REG. NO: WORK O	F-1RF/F7691 N: FD524B 42818 RDER: 12875	501 S Petalu	gon Aircraft, Inc. ky Ranch Drive uma, CA 94954-3908 b: (707) 765-1848	u u		DATE: 05 August, 2005 A/C TSN: 3847.84 PROP TT: 461.81 TACH: 3847.84	7	
requireme painted	d a 100 Hour inspection a ents of Section II, Blades o A.D. 2008-13-28 Eff. 07/1	cleaned, inspect 17/2008 To prev	ent failure of the propeller hub.	A.D. is not a				
I CERTIF ANNUAL	V THAT THE DOODE! I	ER HAS BEEN I VAS DETERMIN SIGNED:	ED TO BE IN AIRWORTHY CO	WITH THE ONDITION.	REQUIRMENTS OF A 100-HOU	Work Order: 1287	5	

6	Prop	eller	A/C I					
Date	TSN	TSO	Hrs	PROP MODEL: PHC-L3YF-1RF/F7691 PROP S/N: FD524B	· ·	Mangon Aircraft, In 501 Sky Ranch Drive Petaluma, CA 94954-3908	ic.	DATE: 06 August, 2010 A/C TSN: 3937 2: PROP TT: 551.2 TACH: 3937.2
<del></del>				REG. NO: 42818 WORK ORDER: 13218	Piper Service Center	Phone: (707) 765-1848		,
				Prop Entries	ation and se	rvice on propeller using Cessna	Service Manual D637-13, 01 Se	p. 1968, (TR5, 07 Oct. 2002) Inspection ades cleaned, inspected, dressed out nicks and
				profiled leading edges as	required. Track	checked propeller. Blade backs	s painteu.	
				PROPELLER GROUND	OPERATED, AL	L FUNCTIONS CHECKED NOT AS BEEN INSPECTED IN ACCO SETERMINED TO BE IN AIRWO	RMAL. DRDANCE WITH THE REQUIRN DRTHY CONDITION.	MENTS OF A 100-HOUR INSPECTION FOR AN Work Order: 132
				DATE: 06 August, 20	10 S	IGNED Q P	Inonelle	Printed by EBis 3 (datcomedia.com
	=				Jo	hn O Connell, A&P: 3564328 IA		
DDOD M	ODEL:						DATE: 00 Outstand 0044	
PROP S/ REG. NO	/F-1RF/F7691 /N: FD524B ): 42818	Pipe	501 Sk Petalu	gon Aircraft, Inc. by Ranch Drive ma, CA 94954-3908			DATE: 03 October, 2011 A/C TSN: 4037.56 PROP TT: 651.59 TACH: 4037.56	~
Prop E	RDER: 1361	Service Center	Phone	: (707) 765-1848				
Propeller	completed ar					al D637-13, 01 Sep. 1968, (TR5		
painted.	ents of Sectio	n II, Blades clea	aned, inspecte	od, dressed out nicks and	profiled leading	edges as required. Track check	ed propeller. Blade backs	
I CERTIF	Y THAT THIS	PROPELLER	HAS BEEN IN		NCE WITH TH	E REQUIRMENTS OF A 100-H	OUR INSPECTION FOR AN	-
			1	D TO BE IN AIRWORTH	Y SONDITION.			N - HOUTE
DATE: 0	03 October,	-	SIGNED:	in, A&P: 2845176 IA	JW	Printed by	Work Order: 13611 EBis 3 (datcomedia.com)	
1		<u> </u>				7		
	,							Č.
								Ta :
			PH PF RE	ROP MODEL: IC-L3YF-1RF/F7691 ROP S/N: FD524B EG. NO: 42818 ORK ORDER: 14067	Piper Servey Conter	Mangon Aircraft, Inc 501 Sky Ranch Drive Petaluma, CA 94954-3908 Phone: (707) 765-1848	<u>.</u>	DATE: 09 November, 2012 A/C TSN: 4146.69 PROP TT: 760.72 TACH: 4146.69
			Co	rop Entries  ompleted a 100 Hour inspringuirements of Section II, Eainted and hub service with	dades cleaned.	IIISDECIEU, diessed out mone an	ervice Manual D637-13, 01 Sep. Id profiled leading edges as requ	1968, (TR5, 07 Oct. 2002) Inspection ired. Track checked propeller. Blade backs
-			PI	ROPELLER GROUND OF	PERATED, ALL			NTS OF A 100-HOUR INSPECTION FOR AN
				ATE: 09 November, 2		12	2 72	Work Order: 14067
_			<u> </u>	ATE. 00 Horemas, 2		ald Mangon, A&P: 3456258 IA		Printed by EBis 3 (datcomedia.com)
				12				
PHC-L PROP REG. I	MODEL: .3YF-1RF/F76 S/N: FD524B NO: 42818 CORDER: 14:	Pip	501 Peta	ngon Aircraft, Ind Sky Ranch Drive aluma, CA 94954-3908 ne: (707) 765-1848	<b>.</b>		DATE: 14 June, 2013 A/C TSN: 4194.88 PROP TT: 808.91 TACH: 4194.88	
Prop	Entries			000000 000 000 000		lades inspected and treatest		
-	ur service and	inspection on p	propeller com	pleted using inspection gu	lide. Propeller b	lades inspected and tracked.		
								i i
THE A	BOVE ITEM	HAS BEEN INS SYSTEMS CHI	PECTED, SE	RVICED AND GROUND (	OPERATED IN	ACCORDANCE WITH GUIDE F	OR A 50-HOUR SERVICE /	
THE A	BOVE ITEM	SYSTEMS CH	PECTED, SE	RVICED AND GROUND (	OPERATED IN	ACCORDANCE WITH GUIDE F	OR A 50-HOUR SERVICE / Work Order: 14295	

Date	TSN	IOO   R	ROP S/N: FD524B REG. NO: 42818 VORK ORDER: 14493	Piper Service Center	501 Sky Ranch Drive Petaluma, CA 94954-3908 Phone: (707) 765-1848			TT: 842.33 CH: 4228.3
			Prop Entries				0 4000 (TD5 07 0 4 0000) L	
		re	completed a 100 Hour equirements of Section ainted.	inspection and ser n II, Blades cleaned	rvice on propeller using Cessna Servi d, inspected, dressed out nicks and p	ce Manual D637-13, 01 s rofiled leading edges as	Sep. 1968, (TR5, 07 Oct. 2002) Inspectio required. Track checked propeller. Blade	n backs
-			CERTIFY THAT THIS	PROPELLER HAS	L FUNCTIONS CHECKED NORMAL S BEEN INSPECTED IN ACCORDAN ETERMINED TO BE IN AIRWORTHY	NCE WITH THE REQUIR	RMENTS OF A 100-HOUR INSPECTION	FOR AN
$\dashv$			ATE: 13 December	er, 2013 SIC	GNED	Ma	Work Orde	er: 14493
_				Mich	hael Tillman, A&P: 2845176 IA	7. 1	Printed by EBis 3 (datcome	dia.com)
		PROP S/N REG. NO: WORK OF Prop E	F-1RF/F7691 E: FD524B 42818 RDER: 14914	501 S Petalu Phone	ngon Aircraft, Inc. Sky Ranch Drive uma, CA 94954-3908 e: (707) 765-1848	iloo with Associated Co.	DATE: 16 January, 201: A/C TSN: 4317. PROP TT: 931.1: TACH: 4317.  des were cleaned, profiled clear of nicks	1 3 1
1		PROPELLI	ER GROUND OPERA	TED, ALL FUNCTI	IONS CHECKED NODWAY	THE DECHIDMENTS	DF A 100-HOUR INSPECTION FOR AN	-
$\neg$		DATE: 16	3 January, 2015	SIGNED: 7	Maderia R. Hlm	~	Work Order: 14914	
$\dashv$		. 1		Huber Matthe	ew B, A&P: 2766384 IA		Printed by EBis 3 (datcomedia.com	)
1		,			<u> </u>			
	PI PI R	ROP MODEL: HC-L3YF-1RF/F7 ROP S/N: FD524 EG. NO: 42818 /ORK ORDER: 15	Piner	Mangon A 501 Sky Ranct Petaluma, CA Phone: (707) 7	94954-3908		DATE: 31 July, 2015 A/C TSN: 4358.45 PROP TT: 972.48 TACH: 4358.45	
	PP	HC-L3YF-1RF/F7 ROP S/N: FD524 EG. NO: 42818 /ORK ORDER: 15 /rop Entries D-Hour service an HE ABOVE ITEM	5136 Piper d inspection on prope	501 Sky Ranct Petaluma, CA Phone: (707) 7	h Drive 94954-3908		A/C TSN: 4358.45 PROP TT: 972.48 TACH: 4358.45	
	Pi Pi Pi R W	HC-L3YF-1RF/F7 ROP S/N: FD524 EG. NO: 42818 /ORK ORDER: 15 /rop Entries D-Hour service an HE ABOVE ITEM	d inspection on prope  HAS BEEN INSPECT SYSTEMS CHECKE	501 Sky Ranct Petaluma, CA Phone: (707) 7 Iller completed usin TED, SERVICED AI ED NORMAL.	th Drive 94954-3908 765-1848  Ing inspection guide. Propeller blades IND GROUND OPERATED IN ACCOUNTY	RDANCE WITH GUIDE	A/C TSN: 4358.45 PROP TT: 972.48 TACH: 4358.45 FOR A 50-HOUR SERVICE / Work Order: 15136	
	PRO PHC PRO REG	HC-L3YF-1RF/F7 ROP S/N: FD524I EG. NO: 42818 //ORK ORDER: 15 Prop Entries D-Hour service an HE ABOVE ITEM INSPECTION. ALI INATE: 31 July, 2 DP MODEL: L-L3YF-1RF/F769 IP S/N: FD524B IS NO: 42818 RK ORDER: 1530 INDEX: 1530 I	d inspection on prope  HAS BEEN INSPECT SYSTEMS CHECKE 2015 SIG	501 Sky Ranct Petaluma, CA Phone: (707) 7  Iller completed usin TED, SERVICED AI ED NORMAL.  GNED:  Mangon Air 501 Sky Ranch D Petaluma, CA 945 Phone: (707) 765	th Drive 94954-3908 765-1848  Ing inspection guide. Propeller blades Ind GROUND OPERATED IN ACCOUNT 2: 3456258 IA  TCraft, Inc.  Drive 954-3908 6-1848	RDANCE WITH GUIDE I	A/C TSN: 4358.45 PROP TT: 972.48 TACH: 4358.45  FOR A 50-HOUR SERVICE /  Work Order: 15136 by EBis 3 (datcomedia.com)  DATE: 01 February, 2016 A/C TSN: 4390.12 PROP TT: 1004.15 TACH: 4390.12	
	PRO	HC-L3YF-1RF/F7 ROP S/N: FD524! EG. NO: 42818 POPENTIES D-Hour service an HE ABOVE ITEM MSPECTION. ALI MATE: 31 July, 2 MP MODEL: -L3YF-1RF/F769 MP S/N: FD5248 MR ORDER: 1530 MP Entries MP Entries MR ORDER: 1530 MP Entries MR ORDER: 1530 MR ORDER:	d inspection on prope  HAS BEEN INSPECT SYSTEMS CHECKE  2015  Ro  1  Piper  r inspection and service on II, Blades cleaned,	501 Sky Ranct Petaluma, CA Phone: (707) 7  Iller completed usin TED, SERVICED AI D NORMAL.  GNED: Mangon Air 501 Sky Ranch D Petaluma, CA 948 Phone: (707) 765  ce on propeller usir inspected, dressed	th Drive 94954-3908 765-1848  Ing inspection guide. Propeller blades in the pr	Printed  01 Sep. 1968. (TR5. 07.0	A/C TSN: 4358.45 PROP TT: 972.48 TACH: 4358.45  FOR A 50-HOUR SERVICE /  Work Order: 15136 by EBis 3 (datcomedia.com)  DATE: 01 February, 2016 A/C TSN: 4390.12 PROP TT: 1004.15 TACH: 4390.12  Doct. 2002) Inspection	
	PRODUCTED PRODUC	HC-L3YF-1RF/F7 ROP S/N: FD524I EG. NO: 42818 //ORK ORDER: 15 Prop Entries D-Hour service an HE ABOVE ITEM MSPECTION. ALI MATE: 31 July, 2 DP MODEL: L-L3YF-1RF/F769 P S/N: FD524B B. NO: 42818 RK ORDER: 1530 DP Entries pleted a 100 Hou irements of Section ted.  PELLER GROUN RTIFY THAT THIS	d inspection on prope  HAS BEEN INSPECT. SYSTEMS CHECKE 2015 SIG  Ro  1 Piper inspection and service on II, Blades cleaned,	501 Sky Ranct Petaluma, CA Phone: (707) 7  filler completed usin FED, SERVICED AI ED NORMAL.  GNED:  Mangon Air  501 Sky Ranch D Petaluma, CA 945 Phone: (707) 765  De on propeller usin inspected, dressed  UNCTIONS CHEC  SEEN INSPECTED	th Drive 94954-3908 765-1848  Ing inspection guide. Propeller blades in the pr	Printed  Printed  01 Sep. 1968, (TR5, 07 of as required. Track check	A/C TSN: 4358.45 PROP TT: 972.48 TACH: 4358.45  FOR A 50-HOUR SERVICE /  Work Order: 15136 by EBis 3 (datcomedia.com)  DATE: 01 February, 2016 A/C TSN: 4390.12 PROP TT: 1004.15 TACH: 4390.12  Oct. 2002) Inspection sed propeller. Blade backs	
	PRODUCTION OF PR	HC-L3YF-1RF/F7 ROP S/N: FD524I EG. NO: 42818 //ORK ORDER: 15 Prop Entries D-Hour service an HE ABOVE ITEM MSPECTION. ALI MATE: 31 July, 2 DP MODEL: L-L3YF-1RF/F769 P S/N: FD524B B. NO: 42818 RK ORDER: 1530 DP Entries pleted a 100 Hou irements of Section ted.  PELLER GROUN RTIFY THAT THIS	d inspection on prope  HAS BEEN INSPECT SYSTEMS CHECKE 2015 SIGN  Ro  1 Piper  r inspection and service on II, Blades cleaned, D OPERATED, ALL F B PROPELLER HAS ET ION AND WAS DETE	501 Sky Ranch Petaluma, CA Phone: (707) 7  Iller completed usin TED, SERVICED AI ED NORMAL.  GNED:	th Drive 94954-3908 765-1848  Ing inspection guide. Propeller blades in the pr	Printed  O1 Sep. 1968, (TR5, 07 Cas required. Track check	A/C TSN: 4358.45 PROP TT: 972.48 TACH: 4358.45  FOR A 50-HOUR SERVICE /  Work Order: 15136 by EBis 3 (datcomedia.com)  DATE: 01 February, 2016 A/C TSN: 4390.12 PROP TT: 1004.15 TACH: 4390.12  Oct. 2002) Inspection sed propeller. Blade backs	

Date	Prop TSN	oeller TSO	pertaining to 7 in Working Co.,					
1 1		PHC-L3 PROP : REG. N	MODEL: 3YF-1RF/F7691 S/N: FD524B IO: 42818 ORDER: 15493	501 Peta	Ingon Aircraft, Inc. Sky Ranch Drive aluma, CA 94954-3908 ne: (707) 765-1848		DATE: 15 July, 2016 A/C TSN: 4453.67 PROP TT: 1067.7 TACH: 4453.67	
		50-Hou			pleted using Savvy Aircraft Maintena ide. Propeller blades inspected and	ance Management Guide for Oil Change	s and Associated Service	
		THE A	BOVE ITEM HAS	BEEN INSPECTED, SEF	RVICED AND GROUND OPERATEI	D IN ACCORDANCE WITH GUIDE FOR	R A 50-HOUR SERVICE /	
			: 15 July, 2016	STEMS CHECKED NORM SIGNED:	1 )	Mas	Work Order: 15493	
	l	2222112		David Mang	gon, A&P: 3592237	Printed by	EBis 3 (datcomedia.com)	
		PROP S/N REG. NO: WORK OR	-1RF/F7691 : FD524B 42818 RDER: 15704	501 Sky Petalum	Jon Aircraft, Inc. / Ranch Drive na, CA 94954-3908 (707) 765-1848		DATE: 09 March, 2017 A/C TSN: 4491.35 PROP TT: 1105.38 TACH: 4491.35	
		Prop Er Propeller w limits.		d serviced using Cessna 1	100 hour inspection guide. Blades w	ere cleaned, profiled clear of nicks and p	painted. Track checked in	*
		ICERTIFY	THAT THIS PRO	ERATED, ALL FUNCTION PELLER HAS BEEN INS AND WAS DETERMINED	NS CHECKED NORMAL. PECTED IN ACCORDANCE WITH TO BE IN AIRWORTHY CONDITION	THE REQUIRMENTS OF A 100-HOUR	INSPECTION FOR AN	
		DATE: 09	March, 2017	SIGNED:	Tola m	car)	Work Order: 15704	
				Ronald Mangon	n, A&P: 3456258 IA (	Printed by EBi	s 3 (datcomedia.com)	
T								
			a.					12
	. (				C		C	
			PHC-L PROP REG. WORK	MODEL: .3YF-1RF/F7691 .S/N: FD524B NO: 42818 C ORDER: 16085	Mangon Aircra 501 Sky Ranch Drive Petaluma, CA 94954-3 Phone: (707) 765-1848	3908	A/C T PROP	March, 2018 SN: 4544.79 TT: 1158.82 CH: 4544.79
			Compl	ements of Section II, Blade		essna Service Manual D637-13, 01 Sep. nicks and profiled leading edges as requ		
			I CER	TIFY THAT THIS PROPE	ATED, ALL FUNCTIONS CHECKED LLER HAS BEEN INSPECTED IN A D WAS DETERMINED TO BE IN AIR	ACCORDANCE WITH THE REQUIRMEN	NTS OF A 100-HOUR INSPECTIO	ON FOR AN
			DATE	E: 30 March, 2018	SIGNED Michael Tillman, A&P: 284517	76 IA	Work Or Printed by EBis 3 (datcon	rder: 16085
			PROP MODI	=1.				
			PHC-L3YF-1 PROP S/N: F REG. NO: 42 WORK ORD	RF/F7691 FD524B 2818	Mangon Aircraft, In 501 Sky Ranch Drive Petaluma, CA 94954-3908 Phone: (707) 765-1848	c.	DATE: 02 May, A/C TSN: 4 PROP TT: 12 TS TACH: 4	1601.1 215.13 SPOH:
$\dashv$			Prop Ent	100 Hour inspection and	service on propeller using Cessna 5	Service Manual D637-13, 01 Sep. 1968,	(TR5. 07 Oct. 2002) Inspection	
	_		requirements black.	of Section II, Blades clea	ned, inspected, dressed out nicks a	nd profiled leading edges as required. T	rack checked. Blade backs painted	d flat
	V   X   3		I CERTIFY T	HAT THIS PROPELLER I	ALL FUNCTIONS CHECKED NORI HAS BEEN INSPECTED IN ACCOR DETERMINED TO BE IN AIRWOR	DANCE WITH THE REQUIRMENTS OF	F A 100-HOUR INSPECTION FOR	R AN
	1.3		DATE: 02 M	/lay, 2019	SIGNED:	-VV	Work Order: 1	6414
			I	N	Michael Tillman, A&P: 2845176 IA	Р	rinted by EBis 3 (datcomedia.	com)

Date	Propeller	A/C	09-12-21	N42818	Prop Log	Tach: 4791.03
Date	TSN TSO	Hrs	Appendix D. Check	ed Prop for nicks on I	Propeller Model # PHC-L3YF-1R leading edge. Checked for defect intenance manual. No defects no	ts or corrosion on surface.
0\1	XM 910				David Raper 2714	749AP
		6	ucson Aircraft Maintenar 330 S Aviator Ln Hangar ucson AZ 85735		Make: Hartzell  Model: PHC-L3YF-  Tail: N42818  S/N:	1 RF/F7691
		2000	cks from propeller blades	1	MARIE CONTRACTOR CONTR	A&P 3253535 05/28/2022
I v	nspected and ser were dressed. I co	viced in accordantify that this	dance with Cessna's	s maintenance mainspected in acco	tal time of propeller is 1,50 anual checklist. Nicks in the rdance with an Annual installer.	the propeller
	L		r			
	. (					
	THE STATE OF THE S	ucson Aircraft Mair 330 S Aviator Ln H ucson AZ 85735	angar A		Hartzell : PHC-L3YF-1RF/F7691 N42818 FD524B	
	Removed spinner.	Inspected spinner security. Blended		nd aft bulkhead for cra Reinstalled spinner.	acks, none found. Inspected hub	
	Signed: K	Ison	elson		Cert: A&P 3253535 Date: 11/04/2023	THE RESEARCH STATES
	November 04, 2023	N42818 Tach T	ime 5010.0 TTPROP	1624.03 TSPOH N	/A	
	I certify that this pro	neller has been in		Inspection and was	determined to be in airworthy	
-	Jess Smith		A&P	3069970 IA		