Propeller Logbook



AIRCRAFT PROPELLER SERVICE, INC.

Hartzell 🔀
McCauley
Dowty 🗀
Sensenich
Hamilton Standard

INSTALLING AGENCY PLEASE NOTE: Recording of Propeller Total Time Since New (TTSN) is Required Per F.A.R. 91.417

N8375Y LEFT PROP LOGBOOK #1

Limiting factors affecting time between overhaul (TBO)

Corrosion, internal

- Directly proportional to calendar time
- Unseen and potentially catastrophic

Corrosion-erosion, external

- Calendar time and operating environment
- Visible and easily corrected

Wear, Internal/External

 Function of hours in operation and types of flying, i.e., aerobatic much higher wear rates than pleasure.

Seal Life

- Deterioration and loss of resiliency affecting sealing property is proportionate to calendar time in service.
- · Wear rates are commensurate to hours flown.

IT IS **STRONGLY** RECOMMENDED ALL PROPELLERS MINIMUMLY RECEIVE AN INTERNAL CORROSION INSPECTION AND NEW SEALS AT INTERVALS NOT TO EXCEED FIVE YEARS.

Propeller Model		HC-EZYL-2BS	
Blade Model		HC-E2YL-2BS 7663-4	
Hub Serial No		BG3157	
Blade Serial No.	1	C1270	
	2	C1134	
	3	Literature (I see Land Control of Land	VE BUILDING COMME
	4		
	5		
	6		

INSTALLATION HISTORY

Date	Aircraft Model & Registration No. Engine Serial Number & Position
Smoh 0.0	DP 289829198
T.T. 3384.6	
3-24-00	Tach 3475,5 smoh 90.9 C/w 100 hour Inspection AP 379829198
3-16-01	Tach 3573.5 Smoh 188.9 C/w 100 hour inspection AP 389829198
4.4.02	Juch 3731.9 Smoh 347.3 C/w 120 hour inspection AP 389829198
5-1-03	Tach 3882.9 smah 498.3 C/w anaval inspection AP3898291987A

3. System Tracking Bat. No. FAA FORM 8130-3 52572 UNITED STATES AIRWORTHINESS APPROVAL TAG 5. Work Order, Contract, or Invoice Number: U.S. Department of Transportation Federal Aviation Administration 52572 W/ATTACHED PAGE(S) 4. Organization - AIRCRAFT PROPELLER SERVICE INC. 1 THRU 2 DATED 03/03/99 290 LARKIN DR. • WHEELING, IL 60090-6456 • 800-323-4130 6. Item 7. Description 9. Eligibility 11. Serial/Batch Number 12 Status/Work 8. Part Number 10. Qty TBV by NEWLY CYERHAULED HARTZELL PROPELLER HC-E2YL-2BS 1 BG3157 Installer 7663-4 OVERHAULED PER MANUAL 117D, 133C, 202A. Serial # 13. Remarks TSN TSO TSMI COMPLIED WITH: ASSY BG3157 0.0 UNK S/I/R 89,116,122A,144G,170,171B,185 A.D 77-12-06 Hub BG3157 TINK 0.0 Bld1 C1270 S/B 97A, 118D, 136H, 155, 159A, 212, 213, 226 UNK 0.0 Bld2 C1134 UNN 0.0 S/L 77,113,125A,143A,148A The Next Action Required on this Component is within 2000 HOURS OR 72 MONTHS PER S/L 61U. Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new. Newly Overhauled 19. Return to Service in Accordance with FAR 43.9 14. New Certifies that the new or newly overhauled part(s) identified above, except as otherwise Certifies that the work specified in block 13 (or attached) above was carried out in accordance specified in block 13 was (were) manufactured in accordance with FAA-approved design with FAA airworthiness regulations and in respect to the work performed the parts is (are) approved for return to service. and airworthiness. NOTE: In case of parts to be exported, the special requirements of the importing country have been met. 16. FAA Authorization No: 20. Authorized Signature: 15. Signature 21. Certificate No. EY2R811K 17. Name (Typed or Printed): 18. Date: 22. Name (Typed or Printed) 23. Date RICHARD WITSCHEY, INSPECTOR 03/03/99

Since Overhaul Total Propeller Time Date UNK BG3157 TSO TSN 0.0 UNK Prop THIS PROPELLER/GOVERN BEEN OVERHAULED/SERVICED AS PER MAINTENANCE RELEASE TAG DATED 03/03/99 AND UNDER WORK ORDER # 52572 FOR AIRCRAFT PROPELLER SERVICE INC. WHEELING, ILLINOIS CRS# EY2R811K BY:

MISSING-NUL KELEIVEL

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Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
4-1	5-04 Tacl	4026.5	Smoh 635.9 C/w 100	hour inspection
5-14-	03 Tach 4	133.3 Smol	748.7 C/w 100 hour ix	spection P2836083
4-21-	ob Tach 4	211.1 Smah	326.5 C/w 100 hour 1	nspection 83
5-4-57	Tach 428		20 Sharins	
6-1-08	Tach 4317.3	5moh 932.7	CIW 100 hour inspect:	
6-251	o Tach 4341.2	Smah 956.6	Clu 100 hour inspection Co De AP25	331283
			BEER STREET, S	

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
4-1-20	oll Tack 4°	187.6 smal	1203.0 C/w 100 hour	
9-1-2	012 Tach 43	88.0 smsh	1223.4 C/w 100 hour 1	negaution bo83
5-27-	14 Tech 439	5.2 smoh l	010.6 C/L 100 hours.	specifican 8809
7.1-15	Tach 445	.75mob 1	018.1 C/m 100 how	e inspection 88083
4-6-1-	8 Tach 4	403.4 50	(00/ W) 8.8101 ADA	noitosAení suor
219	18 Tach	Remove	Mak to 18 2 1021.6 A This prop for ove AP 2836083	chaul

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
Overh Hartze Rev.6 Bullet Hartze 267, 2 Maxw Minne CRS#	nauled Propeller S ell Propeller Man 4, 202A Rev.56. C ins: 118F Rev.1, 2	uals: 117D Rev.16, Complied with hart; 136I, 374 Rev.1. Co s: 61Y Rev. 12, 62A 54. ce 9	in accordance with 133C Rev. 35, 159 zell Service mplied with Rev.1, 176, 217,	
				A SHEAVEL TANKS

Date	Total Pro	THE RESERVE THE PROPERTY OF THE PERSON OF TH	Time Since Overha	ıul	Description	on of Work	Authorized Signatures
FAA/U	United States	a AU	THORIZED RE			3. Form Tracking Number: 123467	
	ion Name and Address: LL AIRCRAFT SER	VICE, INC.	5800 CRYSTAL AIRPORT RO	AD MINNEAP	POLIS, MN 55429	5. Work Order/Contract/Invoice Number: 123467	
6. Item: 7.	. Description:		8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	The state of the s
1	HARTZELL PROP	ELLER	HC-E2YL-2BS/7663-4	1	BG3157	OVERHAULED	
			TICE BULLETINS: 118F REVIS TICE LETTERS: 61Y REVISION			SION 1, 348, 354.	
COMPL 13a. Certifies Appl	LIED WITH HARTZ	ZELL SERV	TCE LETTERS: 61Y REVISION If actured in conformity to: tion for safe operation.	14a. 🗵 14 Certifi and de Federa	ISION 1, 176, 217, 267, 293 REVI	Other regulation specified in Block 12 k 12, the work identified in Block 11 accordance with Title 14, Code of	
COMPL 13a. Certifies Appl Nos	s the items identified abo	ZELL SERV	TCE LETTERS: 61Y REVISION If actured in conformity to: tion for safe operation.	14a. 2 14 Certifi and de Federa return	CFR 43.9 Return to Service les that unless otherwise specified in Block scribed in Block 12 was accomplished in al Regulations, part 43 and in respect to the to service.	Other regulation specified in Block 12 k 12, the work identified in Block 11 accordance with Title 14, Code of	
COMPL 13a. Certifies Appl Noi 13b. Authoriz	s the items identified abo proved design data and a m-approved design data	ZELL SERV	ICE LETTERS: 61Y REVISION Ifactured in conformity to: tion for safe operation.	14a. 2 14 Certifiand de Federreturn a: 14b. Autho	CFR 43.9 Return to Service ies that unless otherwise specified in Block scribed in Block 12 was accomplished in al Regulations, part 43 and in respect to the service. In the service of	Other regulation specified in Block 12 k 12, the work identified in Block 11 accordance with Title 14, Code of hat work, the items are approved for 14c. Approval/Certificate No.: UF2R211L 14e. Date (dd/mmm/yyyy):	
COMPL 13a. Certifies Appl Noi 13b. Authoriz	s the items identified abo proved design data and a m-approved design data	ZELL SERV	ICE LETTERS: 61Y REVISION Ifactured in conformity to: tion for safe operation. lock 12. 13c. Approval/Authorization No. 13e. Date (dd/mmm/yyyy):	14a. 2 14 Certifiand de Federreturn a: 14b. Autho	CFR 43.9 Return to Service ies that unless otherwise specified in Block rescribed in Block 12 was accomplished in al Regulations, part 43 and in respect to the service. If you are the service of the service of the service. Typed or Printed): DE MAXWELL 2386511	Other regulation specified in Block 12 k 12, the work identified in Block 11 accordance with Title 14, Code of hat work, the items are approved for 14c. Approval/Certificate No.: UF2R211L	
COMPL 13a. Certifies Appl Not 13b. Authoriz 13d. Name (I It is importan Where the us Block 1, it is e specified in B Statements in national regu	s the items identified abo oproved design data and a m-approved design data : ized Signature: Typed or Printed): It to understand that the ser/installer performs wo essential that the user/installer has the content of the content	DELL SERV DELL S	ITCE LETTERS: 61Y REVISION Ifactured in conformity to: tion for safe operation. lock 12. 13c. Approval/Authorization No. 13e. Date (dd/mmm/yyyy): User/Install his document alone does not automaticate with the national regulations of an atthat his/her airworthiness authority actinstallation certification. In all cases, a	14a. 14 Certifiand de Federr return 14b. Autho CONRAL 14d. Name CONRAL 14d. Vame	CFR 43.9 Return to Service ies that unless otherwise specified in Block rescribed in Block 12 was accomplished in al Regulations, part 43 and in respect to the service. If you are the service of the service of the service. Typed or Printed): DE MAXWELL 2386511	Other regulation specified in Block 12 k 12, the work identified in Block 11 accordance with Title 14, Code of hat work, the items are approved for 14c. Approval/Certificate No.: UF2R21 IL 14e. Date (dd/mmm/yyyy): FEBRUARY 1, 2019 let/article. thority of the country specified in rorthiness authority of the country	



Rhinelander Flying Service 3400 Airport Road P.O. Box 501 Rhinelander, Wi. 54501 715-365-3456

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N8375Y Date:3/6/19 Tack: 4404.8 Total Time: ----- SMOH: 0.0

Installed this prop on left side of aircraft N8375Y after overhaul by Maxwell Aircraft Services. Ground run leak and ops check good.

Russell S. Seamans AP 2836083

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Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
		Date: 05/26/2021 Tail#: N8375Y	Hours: 4515.84	S/N: BG3157
		Make: Hartzell Performed an Annu using Piper Twin Co	Model: HC-E2YL-2BS ral/100 Hour Inspection In accordance omanche Service Manuals as a guide	with 14 CFR 43 Appendix D
		I certify that this Pro and was determine	opeller has been inspected In accorda d to be in an airworthy condition.	nce with Annual inspection
		Name: Troy Creeks		Cert: A&B36745/11A

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
Airc — S/N	craft: N8375Y, Dat I: BG3157	te: 6/15/2022, Mode	el: PA-30, S/N: 30-1529, LH prop TT: 4558.	0, Model: Hartzell HC-E2YL-2BS,
Per dre	formed Annual/10 ssed blades as ne	Ohr inspection IAW eded. Serviced acc	14 CFR 43 APP. D utilizing Piper service ma cumulator.	anual. Greased prop hub and
- con	ndition and is appro	oved for return to se		en found to be in an airworthy
Aar	ron Andrews IA 30	13340 Muss (f	Chila-	



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RIGHT Propeller Logbook



AIRCRAFT PROPELLER SERVICE, INC.

Hartzell McCauley Dowty Sensenich Hamilton Standard

INSTALLING AGENCY PLEASE NOTE:
Recording of Propeller Total Time Since New (TTSN)
is Required Per F.A.R. 91.417

N8375Y RIGHT PROP LOGBOOK #1

Limiting factors affecting time between overhaul (TBO)

Corrosion, internal

- Directly proportional to calendar time
- Unseen and potentially catastrophic

Corrosion-erosion, external

- Calendar time and operating environment
- Visible and easily corrected

Wear, Internal/External

 Function of hours in operation and types of flying, i.e., aerobatic much higher wear rates than pleasure.

Seal Life

- Deterioration and loss of resiliency affecting sealing property is proportionate to calendar time in service.
- · Wear rates are commensurate to hours flown.

IT IS **STRONGLY** RECOMMENDED ALL PROPELLERS MINIMUMLY RECEIVE AN INTERNAL CORROSION INSPECTION AND NEW SEALS AT INTERVALS NOT TO EXCEED FIVE YEARS.

Propeller Model		HC-E2YL-2B3
Blade Model		7663-4
Hub Serial No		BQ3158
Blade Serial No.	1	B98031
	2	C180
	3	
	4	
	5	
	6	

INSTALLATION HISTORY

Date	Aircraft Model & Registration No.	Engine Serial Number & Position
3-19-99	Reinstelled this prop on right side of Overhand Ground run leall + ops check SP 389829198	good N83754 ofter
3.24.00	Tach. 3475.5 smoh 90.9 C/2 120 ho	
3-16-01	Tach 3573.5 smoh 188.9 C/w/00	
4-4-02	Tach 3731.9 smoh 347.3 C/w 1	
5-1-03	Tach 3882.9 smoh 498.3 C/2 GARU AP38	linspection 9829198IA

FAA FORM 8130 3. System Tracking Ref. No. **UNITED STATES** 52573 AIRWORTHINESS APPROVAL TAG U.S. Department of Transportation Federal Aviation Administration 5. Work Order, Camact, or Invoice Mostrer. 4. Organization - AIRCRAFT PROPELLER SERVICE INC. W/ATTACHED FACE(S) 290 LARKIN DR. • WHEELING, IL 60090-6456 • 800-323-4130 I THRE I DATED 03/03/99 6. Item 7. Description 8. Part Number 9. Eligibility 10. Qtv 11. Serial/Batch Non-X 12. Status/Work HARTZELL PROPELLER HC-E2YL-2BS TBV by 1 BG3158 NEWLY OVERHAULED 7663-4 Installer 13. Remarks OVERHAULED PER MANUAL 117D, 202A, 133C. Serial # TGN TSO/TSHI COMPLIED WITH: ASSY BG3158 TAPE 0.0 A.D 77-12-06 S/I/R 89,116,122A,144G,170,171B,185 Hub BG3158 UNK 0.0 S/B 97A, 118D, 136H, 155, 159A, 213, 212, 226 Bld1 B98031 UNK 0.0 Bld2 C180 TINK 0.0 S/L 77,113,125A,143A,148A The Next Action Required on this Component is within 2000 HOURS OR 72 MONTHS PER S/L 61U. Limited life parts must be accompanied by maintenance history including total time/total cycles/time since new. 14. New Newly Overhauled □ 19. Return to Service in Accordance with FAR 43.9 Certifies that the new or newly overhauled part(s) identified above, except as otherwise Certifies that the work specified in block 13 (or attached) above was carried out in accordance specified in block 13 was (were) manufactured in accordance with FAA-approved design with FAA airworthiness regulations and in respect to the work performed the parts is (are) and airworthiness. approved for return to service. NOTE: In case of parts to be exported, the special requirements of the importing country have been met. 15. Signature 16. FAA Authorization No: 20. Authorized Signature: 21. Certificate No. EY2R811K 17. Name (Typed or Printed): 18. Date: 22. Name (Typed or Printed) 23. Date RICHARD WITSCHEY, INSPECTOR 03/03/99

BOLT B6526-7 WASHER A2404-1 LOW STOP

DAMAGED DAMAGED

SL213-2B SUBLET, HUB REWORK PER S/B 61-213

	BG3158 S/N TSN TSO Prop UNK 0.0 BLADE UNK 0.0 THIS PROPELLER/GOVERNOR HAS BEEN OVERHAULED/SERVICED AS PER MAINTENANCE RELEASE TAG DATED 03/03/99 AND UNDER WORK ORDER # 52573 FOR AIRCRAFT PROPELLER SERVICE INC. WHEELING, ILLINOIS CRS# EY2R811K BY:	
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Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
4-15	-04 Tac	h Hoad	2.5 smoh 636.9 C/w 2 D D AP3798	100 hour Inspection
5-14-6	05 Tach 4	133,3 Smo	L 748.7 C/n 120 hour	inspection 83
4-21-6	6 Fach 421	1.1 smoh 8	26.5 C/m 100 hour inspe	odion 073
5-4-07	Fach 42773	sman 902	6 C/w loo hour insper 20 Ilms AP282608	1;an
5-1-08	Tach 4317.3	smoh 932.7	CILIDO hour inspection	3.3
6-25-10	Tach 4341.2	smoh 956.6	CIn 100 hour inspection AP	

Date	Total Propeller Time	Time Since Overhaul	V Description of Work	Authorized Signatures
4-1-2	oll Tach 4	387.6 smoh	1003:0 Clm 10040011	
9.1-2	012 Tach	1378.0 sms	20128698 C/m 100 honn	
5-27-	14 Tach 43	195,2 smol	1010.6 C/w 100 hours	nsportion 2
7-1-1	5 Tach 44	2.7 smsh	1013.1 C/w 100 hour	inspection 280
4-6-	18 Trony	103.4 5m	20 28 CTW /00 have	crinspection E82
12-19	7-18 Tac	Rumora	200 200 Par Over 276:2 Prop for over 28 00 28 40	

Date	Total Propell Time	er Time Since Overha	ul	Description	on of Work	Authorized Signatures
FAA/U	y/Country:	UTHORIZED REI FAA Form 8130-3, AIRW	LEASE ORTHINESS A	CERTIFICATE APPROVAL TAG	3. Form Tracking Number: 123468	PARTE LANGE SHALLS
MAXWELI	AIRCRAFT SERVICE, II	NC. 5800 CRYSTAL AIRPORT ROA			5. Work Order/Contract/Invoice Number: 123468	
6. Item: 7.]	Description:	8. Part Number:	9. Quantity:	10. Serial Number:	11. Status/Work:	
1 1	HARTZELL PROPELLER	HC-E2YL-2BS/7663-4	1	BG3158	OVERHAULED -	A CHARLEST STATE
□ Арр	he items identified above were n roved design duta and are in a co approved design data specified i	ndition for safe operation.	Certifi and de Federa	les that unless otherwise specified in Bloc escribed in Block 12 was accomplished in al Regulations, part 43 and in respect to t	accordance with Title 14, Code of	2. C. C. dv V. Z. P. dv V. S.
13b. Authorize	od Signature:	13c. Approval/Authorization No.	: 14b. Autho	to service. rized Signature:	14c. Approval/Certificate No.: UF2R211L	
13d. Name (Ty	ped or Printed):	13e. Date (dd/mmm/yyyy):	14d. Name	(Typed or Printed): D E. MAXWELL 2386511	14e. Date (dd/mmm/yyyy); FEBRUARY 1, 2019	I service asset siles !
		User/Installe	er Responsibi	lities		
Where the use Block 1, it is es specified in Blo Statements in	r/installer performs work in acco sential that the user/installer ens ock 1.	of this document alone does not automatical reduce with the national regulations of an ai ares that his/her airworthiness authority accurate installation certification. In all cases, air the aircreaft was be flower.	rworthiness auth cepts aircraft eng	nority different than the airworthiness au ine(s)/propeller(s)/article(s) from the air-	thority of the country specified in sorthiness authority of the country	YOUNG TO ME
FAA Form 813		the anti-art may be nown.			NSN: 0052-00-012-9005	

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
Overi Hartz Rev.6 Bulle Hartz 267, 3 Maxv Minn CRS#	nauled Propeller S ell Propeller Man 4, 202A Rev.56. C tins: 118F Rev.1, 1	ce 9	n accordance with 133C Rev. 35, 159 zell Service mplied with Rev.1, 176, 217,	



Rhinelander Flying Service 3400 Airport Road P.O. Box 501 Rhinelander, Wi. 54501 715-365-3456

ures

N8375Y Date:3/6/19 Tack: 4404.8 Total Time: ----- SMOH: 0.0

Installed this prop on right side of aircraft N8375Y after overhaul by Maxwell Aircraft Services. Ground run leak and ops check good.

Russell S. Seamans AP 2836083

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
		Date: 05/26/2021 Tail#: N8375Y Make: Hartzell	Hours: 4515.84 Model: HC-E2YL-2BS	S/N: BG3158
		Performed an Annu	al/100 Hour Inspection In accordance omanche Service Manuals as a guide	with 14 CFR 43 Appendix D
			opeller has been inspected In accorda d to be in an airworthy condition.	nce with Annual inspection
		Name: Troy Creeks		Cert; A&P367451MA
		Co: Carson Avia		MUS _

Date	Total Propeller Time	Time Since Overhaul	Description of Work	Authorized Signatures
	aft: N8375Y, Date BG3158	: 6/15/2022, Model:	PA-30, S/N: 30-1529, RH prop TT: 4563.0,	Model: Hartzell HC-E2YL-2BS,
		nr inspection IAW 14 ded. Serviced accur	CFR 43 APP. D utilizing Piper service manumulator.	ual. Greased prop hub and
condi	tion and is approv	ed for return to serv		found to be in an airworthy
_ Aaror	n Andrews IA 3013	3340 Mean G.C		



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