

FAA Approved
Manual No. 115N
Revision 4
October 1997

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Propeller Owner's Manual & Log Book

Installation Operation Service

All "Compact" Models

Series: ()HC — () (2, 3, 4)Y() — (1, 2, 4, 5, 7)()
Constant Speed, Feathering and Reversing

Hartzell Propeller Inc.

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HARTZELL PROPELLER INC.

Manual 115N

RECORD OF REVISIONS

Revision Number	Issue Date	Date Inserted	Inserted By
1	10/87	10/87	HPI
2	5/92	5/92	HPI
3	1/94	1/94	HPI
4	10/97	10/97	HPI

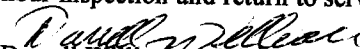
Hartzell Propeller

Manual No. 115 N

DESCRIPTION OF ALL OPERATIONS PERTAINING TO AIRWORTHINESS DIRECTIVES, SERVICE BULLETINS, SERVICE LETTERS, & MINOR ADJUSTMENTS

N171Z

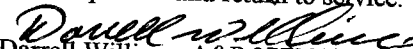
04-08-2008 Hobbs Time: 3779.0 Left Propeller: SMOH: 254.4
Check spinner and bulk head for cracks, none found this date.
Checked for leaks, none found this date. Dressed nicks from
propeller. I certify that I have inspected this propeller per 100
hour inspection and return to service.


Darrell Williams A&P 2772084

JATURE

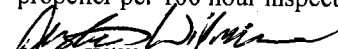
N171Z

06-01-2009 Hobbs Time: 3812.6 Left Propeller: SMOH: 288.0
Check spinner and bulk head for cracks, none found this date.
Checked for leaks, none found this date. Dressed nicks from
propeller. I certify that I have inspected this propeller per 100
hour inspection and return to service.


Darrell Williams A&P 2772084

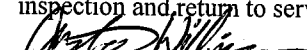
N171Z

12-14-2010 Hobbs Time: 3836.9 Left Propeller: SMOH:
312.3 Check spinner and bulk head for cracks, none found
this date. Checked for leaks, none found this date. Dressed
nicks from propeller. I certify that I have inspected this
propeller per 100 hour inspection and return to service.


Justin Williams A&P 3024563

N171Z

02-27-2012 Hobbs Time: 3842.8 Left Propeller: SMOH: 318.2
Check spinner and bulk head for cracks, none found this date.
Checked for leaks, none found this date. Dressed nicks from
propeller. I certify that I have inspected this propeller per Annual
inspection and return to service.


Justin Williams IA003024563

[illegible]

16152 COVELLO STREET • VAN NUYS, CALIFORNIA 91406
CRS # EU6R595N • 818-779-7767

	1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31	32	33	34	35	36	37	38	39	40	41	42	43	44	45	46	47	48	49	50	51	52	53	54	55	56	57	58	59	60	61	62	63	64	65	66	67	68	69	70	71	72	73	74	75	76	77	78	79	80	81	82	83	84	85	86	87	88	89	90	91	92	93	94	95	96	97	98	99	100
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3	3	6	9	12	15	18	21	24	27	30	33	36	39	42	45	48	51	54	57	60	63	66	69	72	75	78	81	84	87	90	93	96	99	102	105	108	111	114	117	120	123	126	129	132	135	138	141	144	147	150	153	156	159	162	165	168	171	174	177	180	183	186	189	192	195	198	201	204	207	210	213	216	219	222	225	228	231	234	237	240	243	246	249	252	255	258	261	264	267	270	273	276	279	282	285	288	291	294	297	300
4	4	8	12	16	20	24	28	32	36	40	44	48	52	56	60	64	68	72	76	80	84	88	92	96	100	104	108	112	116	120	124	128	132	136	140	144	148	152	156	160	164	168	172	176	180	184	188	192	196	200	204	208	212	216	220	224	228	232	236	240	244	248	252	256	260	264	268	272	276	280	284	288	292	296	300																									
5	5	10	15	20	25	30	35	40	45	50	55	60	65	70	75	80	85	90	95	100	105	110	115	120	125	130	135	140	145	150	155	160	165	170	175	180	185	190	195	200	205	210	215	220	225	230	235	240	245	250	255	260	265	270	275	280	285	290	295	300																																								
6	6	12	18	24	30	36	42	48	54	60	66																																																																																									

The propeller identified above was repaired and/or inspected in accordance with current regulation of the Federal Aviation Administration and is approved for return to service for the work performed. Pertinent details of the repair are on file at this repair station under the work order listed above.

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Hartzell Propeller
Manual No. 115 N

DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS, SERVICE LETTERS,
& MINOR ADJUSTMENTS

Executive Propeller

DATE 16-Sep-13

MODEL: HC-C3YR-2UF

BLADE MODEL: FC8468-8R

PROPELLER OVERHAULED I.A.W
DEGREES AT LOW PITCH AND 85.
TESTED AND STATICALLY BALAN

The propeller identified above was
Administration and is approved for
this repair station under the work

Signature of Authorized Representative



1. Approving National Aviation Authority/Country: FAA / USA		2. AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG		3. Form Tracking Number: 13-117	
4. Organization Name and Address: EXECUTIVE PROPELLERS, INC. 16152 COVELLO STREET VAN NUYS, CA 91406 CRSN ELB5395N		5. Work Order/Contract/Invoice Number: WO 13-147		Status/Work: OVERHAUL	
6. Item: 1		7. Description: HARTZELL PROPELLER		8. Part Number: HC-C3YR-2UF / FC8468-8R	
9. Eligibility: *		10. Quantity: 1		11. Serial/Batch Number: HUB SN CK4690A BLADES SN J13043, J13046 & J13044.	
13. Remarks: PROPELLER OVERHAULED I.A.W. MANUALS 117D.133C, 202A. PROPELLER ASSEMBLED WITH ANGLES SET AT 12.5 DEGREES AT LOW PITCH AND 85.5 DEGREES AT FEATHER AND 19.5 DEGREES AT START LOCK. FUNCTIONALLY BENCH TESTED AND STATICALLY BALANCED. NO A.D.'S ARE APPLICABLE AS OF THIS DATE. NEXT OVER DUE AT 2400 HOURS AND/OR 72 CALENDAR MONTHS (WHICH EVER COMES FIRST)					
14. Certifies the items identified above were manufactured in conformity to: ☒ Approved design data and are in a condition of airworthiness. ☒ Were approved design data specified in Block 13 and in respect to that work, the items are approved for return to service.					
15. Authorized Signature: 		16. Approved Signature: 		17. Date (m/d/y): 16/09/2013	
18. Name (Typed or Printed):		19. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 13		20. Approval/Certificate No.: E06F395N	
21. Name (Typed or Printed): EISSA E. SHOUSA		22. Date (m/d/y): SEP/16/2013		23. Date (m/d/y): SEP/16/2013	
User/Installer Responsibilities					
It is important to understand that the existence of this document alone does not automatically constitute authority to install the part/component/assembly.					
Where the user/installer performs work in accordance with the national regulations of an airworthiness authority different than the airworthiness authority of the country specified in Block 1, it is essential that the user/installer ensures that his/her airworthiness authority accepts parts/components/assemblies from the airworthiness authority of the country specified in Block 1.					
Statements in Blocks 14 and 19 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.					

Hartzell Propeller
Manual No. 115 N

**DESCRIPTION OF ALL OPERATIONS
PERTAINING TO AIRWORTHINESS DIRECTIVES,
SERVICE BULLETINS, SERVICE LETTERS,
& MINOR ADJUSTMENTS**

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
September 17, 2013			
N171Z S/N: 1450-159 Hobbs 3852.0 Left Propeller Model: HC-C3YR-2UF S/N: CK4690A TSO: 0.0 TSN: 1444.4			
Reinstalled Propeller Following Overhaul by Executive Propellers Inc. Torqued and Safetied. Ops/Leak Check Normal.			
IA 2713758 Michael Tsvirinko			
November 7, 2014			
N171Z S/N: 1450-159 Hobbs 3852.0 Left Propeller: TSO: 0.0 TSN: 1444.4			
I Certify That This Propeller Has Been Inspected In Accordance With An Annual Inspection and Has Been Determined To Be In Airworthy Condition.			
IA 2713758 Michael Tsvirinko			

Manual No. 115 N

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Hartzell Propeller

Manual No. 115 N

DESCRIPTION OF ALL OPERATIONS PERTAINING TO AIRWORTHINESS DIRECTIVES, SERVICE BULLETINS, SERVICE LETTERS, & MINOR ADJUSTMENTS

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE

Tong Aircraft Services, Inc.
1805 NW 51st Place, Hangar 5
Fort Lauderdale, FL 33309
Tel. 954.958.9191; Fax. 954.958.9192
E-Mail: tongaircraft@aol.com

N 171Z S/N: 149-159 HOBBS 0044.9 T.T 11096.4: DATE: 5/3/2017
L/H PROPELLER TSO: 45.2. TSN :1489.6
I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE
WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE AIRWORTHY
CONDITION.


SOMSAK MOOLSIRI A&P 3261875 IA.

Hartzell Propeller

Manual No. 115 N

DESCRIPTION OF ALL OPERATIONS PERTAINING TO AIRWORTHINESS DIRECTIVES, SERVICE BULLETINS, SERVICE LETTERS, & MINOR ADJUSTMENTS

N 171Z S/N: 149-159 HOBBS 0044.9 T.T 11096.4: DATE: 5/11/2018
L/H PROPELLER TSO: 45.2. TSN :1489.6

I CERTIFY THAT THIS PROPELLER HAS BEEN INSPECTED IN ACCORDANCE
WITH AN ANNUAL INSPECTION AND WAS FOUND TO BE AIRWORTHY
CONDITION



SOMSAK MOOLSIRI A&P 3261875 IA.

Left Prop:

N171Z S/N: 1450-159 HOBBS: 82, T.T.: 11133.5, Date: 09/09/2019

LH Prop: TSO: 82.3, TSN: 1526.7

Completed inspection in accordance with FAR 43 appendix D 100 HR inspection and maintenance manual
guide lines.

Left Prop lubed with aeroshell 6 per blade, hub pressure at 41psi.

I certify that this aircraft has been inspected in accordance with an 100 HR inspection, and found to be in
airworthy condition.



Les Nagy A&P 3139135

N171Z S/N: 1450-159 HOBBS: 111.6, T.T.: 11163.1, Date: 11/30/2020

Completed inspection in accordance with FAR 43 appendix D 100 HR inspection and maintenance manual guide lines.

Replaced low pitch stop, spacers and reset RPM limit according to Hartzell owner's manual 115N.

I certify that this aircraft has been inspected in accordance with an 100 HR inspection, and found to be in airworthy condition.

Les Nagy A&P 3139135

[illegible]

Reg. N-171Z A/C Model: Aero Commander 500B A/C s/n: 1450-159 A/CTT: 11215.9 Date: 02/14/2022

No. 1 Propeller Make/Model: HC-C3VR-2UF Propeller S/N: CK4690A TSO: 199.9 TSN: 1609.2

C/W Propeller Annual Inspection IAW aircraft maintenance manual and Hartzell manual no.115N, Rev.4, 10/97. C/W Propeller Lubricated with aeroshell grease no.6, Also c/w Hub pressure check, serviced with nitrogen 41psi. (3) blades was inspected for nick or any damage, No damage or nick, Only dressed.

A/P-4107680-Wilcides Centeno-

Wilcides Centeno

I certify that this Propeller has been Inspected IAW aircraft manufacturer manual and Hartzell maintenance manual no.115N, Rev.4, 10/97 and was determined to be Airworthy Condition.

A/P-3897321-IA-Javier Alfaro Mendez-

Javier Alfaro Mendez

N171Z

Aero Commander 500B

S/N 1450-159

Date: 1 March 2023

AIRCRAFT TOTAL TIME:11,310.6

Hobbs:0295.9

LEFT PROPELLER S/N CK4690A TOTAL TIME :1703.9 TSO 294.6

I Certify that this PROPELLER has been inspected in accordance with Annual inspection as per Aero Commander Maintenance Manual and Hartzell Propeller Maintenance Manual 115N and FAA FAR REGULATIONS 43 Appendix (D) and was determined to be in airworthy condition.

Date 3/27/2023 ProTime 1703.9

tach 295.9 I certify that this Prop has
been inspected in accordance with an Annual
inspection and found it in airworthy condition.


LESLIE SANCHEZ LANDRON
IA & A&P 3414012

Hartzell Propeller

Manual No. 115 N

DESCRIPTION OF ALL OPERATIONS PERTAINING TO AIRWORTHINESS DIRECTIVES, SERVICE BULLETINS, SERVICE LETTERS, & MINOR ADJUSTMENTS

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
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N171Z

AERO COMMANDER 500B

S/N1450-159

Left Propeller S/N CK4690A

Make/Model HC-C3YR-2UF

A/C Total time.11310.6 Hobbs:0293.9

TSO: 294.6 TSN:1703.9

The following work was performed at this time:

Removed Spiner inspected for leaks

Lubricated propeller with aero shell #6

Inspected blade for damage.

Inspected propeller for attachment.

C/W Hub pressure check and was serviced with nitrogen 0.41 psi

Re-installed Spiner

I certify that this propeller has been inspected in accordance with 100 hrs. Inspection as per FAA FAR regulation 43 appendix (D) and was determined to be in airworthy condition.

German Alvarez

A&P584499098
