

FAA Approved
Manual No. 115N
Revision 4
October 1997

R

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.

One Propeller Place
Piqua, OH 45356 - 2634 U.S.A.
Ph: 937 - 778 - 4200
Fax: 937 - 778 - 4391
Telex: 4332032 HRTZLP

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

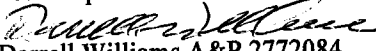
Hartzell Propeller

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 Right 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

NATURE

N171Z

06-01-2009 Hobbs Time: 3812.6 Right 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 Right 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 Right 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

Hartzell Propeller

Manual No. 115 N

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

DATE

Executive Propellers
Inc.

PROPELLER LOGBOOK INSERT

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

DATE 16-Sep-13

MODEL HC-C3YR-2UF

BLADE MODEL FC8468-6R

S/N:

OK4674A

SERIAL #'s:

#1:

J13052

#2:

J13048

#3:

J13041

#4:

N/A

WO: 13-146

TSN: 1444.4

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.

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.

Signature of Authorized Representative

Date

9/16/2013

NATURE

FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG

3. Form Tracking Number:
13-146

4. Organization Name and Address:
EXECUTIVE PROPELLERS INC.

/AN NUYS, CA 91406

Executive. Prop.

DATE 16-Sep-13

MODEL: HC-C3VB-911E

BLADE MODEL: FC8468-6B

PROPELLER OVERHAULD I.A.
DEGREES AT LOW PITCH AND
TESTED AND STATICALLY BAL

The propeller identified above is approved by the Administration and is approved for use at this repair station under the work order number _____.

Signature of Authorized Representative

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.

FAA Form 8130-3 (06-01) • Installer must cross-check eligibility with applicable technical data.

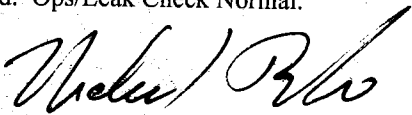
(10-90)

MSN: 0057 00 013 0005

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: CK4674A 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 Right 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

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


MSAK MOOLSIRI A&P 3261875 IA.

Hartzell Propeller

Manual No. 115 N

DESCRIPTION OF ALL OPERATIONS PERTAINING TO AIRWORTHINESS DIRECTIVES.

Tong Aircraft Services, Inc.

1805 NW 51st Place, Hangar 5

Fort Lauderdale, FL 33309

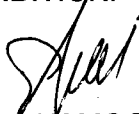
Tel. 954.958.9191; Fax. 954.958.9192

E-Mail: tongaircraft@aol.com

171Z S/N: 149-159 HOBBS 0044.9 T.T 11096.4: DATE: 5/11/2018

W/H PROPELLER: TSO: 45.2. TSN: 1489.6

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


AMSAK MOOLSIRI A&P 3261875 IA.

Right Prop:

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

RH Prop: TSO: 82.3, TSN: 1526.7

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

Right 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

B A I L E Y

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

	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	101	102	103	104	105	106	107	108	109	110	111	112	113	114	115	116	117	118	119	120	121	122	123	124	125	126	127	128	129	130	131	132	133	134	135	136	137	138	139	140	141	142	143	144	145	146	147	148	149	150	151	152	153	154	155	156	157	158	159	160	161	162	163	164	165	166	167	168	169	170	171	172	173	174	175	176	177	178	179	180	181	182	183	184	185	186	187	188	189	190	191	192	193	194	195	196	197	198	199	200	201	202	203	204	205	206	207	208	209	210	211	212	213	214	215	216	217	218	219	220	221	222	223	224	225	226	227	228	229	230	231	232	233	234	235	236	237	238	239	240	241	242	243	244	245	246	247	248	249	250	251	252	253	254	255	256	257	258	259	260	261	262	263	264	265	266	267	268	269	270	271	272	273	274	275	276	277	278	279	280	281	282	283	284	285	286	287	288	289	290	291	292	293	294	295	296	297	298	299	300	301	302	303	304	305	306	307	308	309	310	311	312	313	314	315	316	317	318	319	320	321	322	323	324	325	326	327	328	329	330	331	332	333	334	335	336	337	338	339	340	341	342	343	344	345	346	347	348	349	350	351	352	353	354	355	356	357	358	359	360	361	362	363	364	365	366	367	368	369	370	371	372	373	374	375	376	377	378	379	380	381	382	383	384	385	386	387	388	389	390	391	392	393	394	395	396	397	398	399	400	401	402	403	404	405	406	407	408	409	410	411	412	413	414	415	416	417	418	419	420	421	422	423	424	425	426	427	428	429	430	431	432	433	434	435	436	437	438	439	440	441	442	443	444	445	446	447	448	449	450	451	452	453	454	455	456	457	458	459	460	461	462	463	464	465	466	467	468	469	470	471	472	473	474	475	476	477	478	479	480	481	482	483	484	485	486	487	488	489	490	491	492	493	494	495	496	497	498	499	500	501	502	503	504	505	506	507	508	509	510	511	512	513	514	515	516	517	518	519	520	521	522	523	52
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1. The first part of the document is a letter from the author to the reader, explaining the purpose of the study and the methods used. The letter is dated 1998 and is addressed to the reader.

Les Nagy A&P 3139135

1/2

Manual No. 115 N

[illegible]

Reg.N171Z A/C Model: Aero Commander 500B S/N: 1450-159 A/CTT: 11215.9 Date: 02/14/2022

Propeller no.2 Propeller Model: Hartzell HC-C3YR-2UF Prop: S/N: CK4674A TSO:199.9 TSN:1636.3

C/W Propeller Annual Inspection IAW aircraft maintenance manual and Hartzell manual no.115N, Rev.4, 10/97. C/w removal of propeller due engine crankshaft oil seal leak, replaced seal S/A AS3582-223(New) and Installed Propeller as per Am/m. section IV. Serviced with grease no.6 C/W Hub pressure check and was serviced with nitrogen 0.41psi. C/w Dressed (3) blades. No leak and discrepancies.

A/P-4107680-Wilcides Centeno- *Wilcides Centeno*

I certify that this Propeller has been inspected IAW A/mm. and Hartzell manufacturer manual and was determined to be Airworthy Condition.

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

Manual No. 115 N

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
		N171Z	

S/N 1450-159

Hobbs:0295.9

RIGHT PROPELLER S/N CK4674A TOTAL TIME :1731.0 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 3/7/2020 PropTime 1731.0
tach 45.9 I certify that this Prop has
been inspected in accordance with an ASAP
inspection and found it in airworthy condition.

LESLIE SANCHEZ LANDRON
IA & A&P 3414012

[illegible]

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

Right Propeller S/N CK4674A

Make Model HC-C3YR-2UF

A/C Total time:11310.6 Hobbs: 0293.9

TSO:294.6 TSN:1731.0

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 service 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
