

Hartzell

**propeller owner's
manual
& log book**

**D.O.A. -
F.A.A.
APPROVED
MANUAL
115 J**

"Compact" Models HC-C2Y, HC-C3Y, HC-F2Y, HC-F3Y, HC-F4Y,
HC-E2Y, HC-E3Y, HC-G2Y, HC-G3Y, (P)HC-L3Y,
BHC-L2Y, HC-H3Y, (P)HC-J3Y, BHC-J2Y,
()HC-I2Y, and ()HC-M2Y - Constant Speed and Feathering

June, 1978

PROPELLER MAINTENANCE RECORD

LEFT ENGINE

Hub Model 21C-C2V2-4BF
Blade Design FC7663-4
Diameter 72"
Hub Ser. No. DW-142
Blade Ser. Nos. _____
No. 1 E59632
No. 2 E59633
No. 3 _____
No. 4 _____

PITCH RANGE

High _____ Low 11.0°
Feather _____ Reverse _____
Governor Model _____

RIGHT ENGINE

~~Hub Model _____
Blade Design _____
Diameter _____
Hub Ser. No. _____
Blade Ser. Nos. _____
No. 1 _____
No. 2 _____
No. 3 _____
No. 4 _____~~

PITCH RANGE

~~High _____ Low _____
Feather _____ Reverse _____
Governor Model _____~~

inspected 10/2/82

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
10-1-82		Overhaul hub and install new blades.	
		<p>The component identified was repaired and inspected in accordance with current regulations of the Federal Aviation Agency and is approved for return to service. Pertinent details of this repair are on file at this repair station under W.O. <u>6655</u></p> <p>Signed <u>Scotty K. Griffin</u> Date <u>10-1-82</u> Coast Aircraft Sales Inc. Repair Station #414-1, Montgomery Field San Diego, California 92123</p>	
10-2-82	148.69h	Install propeller on engine this date	<u>Scotty K. Griffin</u> for ARS 414-1

HARTZELL

**Propeller Owner's
Manual & Log Book**

HARTZELL PROPELLER INC.

One Propeller Place
Piqua, OH 45356-2634 U.S.A.
Telephone: 513-778-4200
Telex: 4332032
Fax: 513-778-4391

Hartzell Propeller
Manual No. 115 N

PROPELLER MAINTENANCE RECORD

LEFT ENGINE

Hub Model HC-C24L-4F

Blade Design FC 7663-4

Diameter 72"

Hub Ser. No. DW 433A

Blade Ser. Nos. _____

No. 1 E 59632

No. 2 E 59633

No. 3 N/A

No. 4 N/A

PITCH RANGE

High 20.0 Low 11.0

Feather N/A Reverse N/A

Governor Model D210688



P.O. BOX 11278
5102 S. COUNTRY CLUB RD.
TUCSON, ARIZONA 85706
Phone (520) 294-5671
Fax (520) 294-1114
FAA Repair Station No. ZJ3R026M

W.O. 19601
DATE 05-21-1996
INVOICE 19601

CUSTOMER LANDALE INC MFGR WOODWARD
ADDRESS 2000 E. FLIGHTLINE DR MODEL D210688
TELEPHONE TUCSON, AZ 85706 ACFT/ENG. 8KCAB
CUSTOMER P.O. VERBAL HUB S/N 1579660M
BLADE DWG NA DIA. NA MIN RPM 1200
SER NO. 1 NA TORQUE OK MAX RPM 2350
2 NA TRACK NA QPM 5
3 NA FINAL BAL NA PSI 330

DISCREPANCIES/HIDDEN DAMAGE: TBO

MAGNETIC PARTICAL/ZYGLO INSPECTION OK

CORRECTIVE ACTION: MAJOR OVERHAUL AND TEST

MANUAL USED TSP-197 PROGRESSIVE INSPECT OK DAWSA

FUNCTIONAL TEST OK TOTAL TIME TTSO=0.0

S/I, S/B & A/D COMPLIED S/B 33531, 33560, 33571, 33572 A/D NONE APPLICABLE END

PARTS 1EA4060525, 1EA213200, 1EA180231, 1EA192740, 1EA192884, 1EA210036, 1EA210031, 1EA182649, 1EA182798, 1EA182799, 1EA206336, 1EA3053-037, 1EA189466, 1EA218537, 2EA1419-552, 1EA191869, 1EA219414 END

MAINTENANCE RELEASE:

The Component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service for the work accomplished.

Preliminary Inspect OK DW

Chief Inspector: [Signature]

Mech: CW

Final Inspect OK DW



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 5102 S. COUNTRY CLUB RD.
 TUCSON, ARIZONA 85706
 Phone (520) 294-5671
 Fax (520) 294-1114
 FAA Repair Station No. ZJ3R026M

W.O. 19600
 DATE 05-21-1996
 INVOICE 19600

CUSTOMER LANDALE INC. MFGR HARTZELL

ADDRESS 2000 E. FLIGHTLINE DR. MODEL HC-C2YL-4F

TELEPHONE TUCSON, AZ 85706 ACFT/ENG. 8KCAB

CUSTOMER P.O. VERBAL HUB S/N DW433A

BLADE DWG FC7663-4 DIA. 72" MIN RPM 11.0

SER NO. 1 E59632 TORQUE OK MAX RPM 20.0

2 E59633 TRACK OK QPM OK

3 N/A FINAL BAL OK PSI OK

DISCREPANCIES/HIDDEN DAMAGE: TRO/AD 90-02-23 DUE

MAGNETIC PARTICAL/ZYGLO INSPECTION OK

CORRECTIVE ACTION: REPLACE HUB TO ELIMINATE A/D, OVERHAUL AND TEST

MANUAL USED 113B, 133B PROGRESSIVE INSPECT OKW

FUNCTIONAL TEST OK TOTAL TIME TTSO=0.0

S/I, S/B & A/D COMPLIED S/B 118D, 118DS1B, 136H, 150, 151A, 155, 159A, 164C, 212AS/L 61S
 , 69, 82A, 100, 148A, 152A, 155A, 162A S/I 109, 114A, 117, 131C, 165C, 170, 171B, 185, 191A, 2
 09S/A 12, 16A, 77B, 32, 40, 46A, 47, 58, 65, 73C A/D 77-12-06, 90-02-23 END

AID 77-12-06 C/W per S/B 118D - next due in 12,000 HRS.

90-02-23 C/W per S/B 164C - Replace Hub w/ new design. No further inspection required.

PARTS 2EAQ4339, 2EAS-12-C, 2EABCE2020, 50EA1/2, 2EA2413-2, 4EA3208, 4EA285, 2EAIR16
16, 2EA316-5R, 1EA914-6, 1EA909-25, 1EA902-51-1, 1EA902-15-1, 1EA902-13-1, 1EA909-6, 1
EAAN380-3-5, 6EA31\$094-0625, 6EA2482, 6EA2498, 6EA2247-1, 2EA3212-1 END

MAINTENANCE RELEASE:

The Component identified above was repaired and inspected in accordance with current Federal Air Regulations and was found airworthy for return to service for the work accomplished.

Preliminary Inspect OKDW

Final Inspect OKDW

Chief Inspector: *Dennis M. Wagner*

Mech: *BJSW*

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
5/21/96	991	MAJOR Overhaul and test Propeller Per Hartzell S/m 133B and 113B. Comply with A/D 77-12-06 per S/B 118D, 118DSIB - Cold Compressor Rolling and inspection of Blade Shank Radii. No defects noted Next Due in 12,000 Hrs. Comply with A/D 90-02-23 - 2 Blade Hub Inspection per S/B 164C. Replaced Hub with Factory New Zero Time Hub. A/D No longer applicable due to Hub S/N. Please see attached W.O. # 19600 for details, S/B, S/L, S/I, S/A complied, Parts Lists and Maintenance Release statement.	<i>Dennis M. [Signature]</i> 2348773 Repairman
WARNER PROPELLER & GOVERNOR CO. 5102 S. Country Club Tucson, AZ 85706-1714 FAA Repair Sta. ZJ3R026M			

Hartzell Propeller
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DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
5/17/96	991.0	INSTALLED PROPELLER S/N DW433A	
ACTT:	991.0	ON DECAHLON N5062C S/N 565-79	
T50%	∅	AS PER MANUFACTURE RECOMMENDATION	
		End	
			<i>Mark D. Johnson</i>
			# 489703612
5-27-96		Propeller Total Time 991.0	
		I certify this Propeller has	
		been inspected in accordance	
		with an Annual inspection	
		and was determined to be in an	
		airworthy condition	
			<i>Harold Decker</i>
			ATP 1829705 IA

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
6-1-01	1116.09	PROP TT 1116.09 COMPLETED ANNUAL INSPECTION & APPROVED FOR RETURN TO SERVICE.	Frank Smith 1A174508L
8-22-02	1130.5	PROP INSPECTED PER ANNUAL INSPECTION & APPROVED FOR RETURN TO SERVICE.	Frank Smith 1A174508L
1-10-04	1138.7	PROP TT 1138.7 INSPECTED PER ANNUAL INSPECTION FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE.	Frank Smith 1A174508L

Hartzell Propeller

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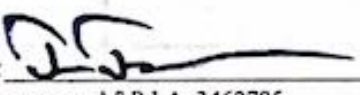
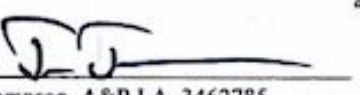
DESCRIPTION OF ALL OPERATIONS PERTAINING TO AIRWORTHINESS DIRECTIVES, SERVICE BULLETINS, SERVICE LETTERS, & MINOR ADJUSTMENTS

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
9/27/09	1193.9	INSPECTED PER ANNUAL INSPECTION, FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE.	Ernest Mill AIP 1745096 1A
2/6/10	1200.02	INSPECTED PER ANNUAL INSPECTION, FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE.	Ernest Mill AIP 1745096 1A
2/01/11	1222.0	INSPECTED PROP PER ANNUAL INSPECTION, FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE.	Ernest Mill AIP 1745096 1A

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
DATE 3/31/2012		Propeller	AIRCRAFT N5062C
Hobbs: 1245.0		Hartzell	S/N: 565-79
TTSOH: 254.0		HC-C2YL-4F	AFTT: 1,245.0
1		Inspected Aircraft Per 43.1 Appendix D	
2		AD Checked Throw 3-31-12	
3		Post Maintenance Test Run And Leak Check Ok	
4			
5			
6			
7			
8			
9			
10			
<p>I certify that this Aircraft/Component has been inspected in accordance with A 100 Hr - Annual Inspection and was determined to be in airworthy condition.</p> <p>The aircraft and/or component identified above was repaired and/or inspected IAW FAA regulations and is approved for return to service.</p>			
<p>Signed: </p> <p>Tim Thompson, A&P I.A. 3462785</p>			
DATE 4/1/2013		Propeller	AIRCRAFT N5062C
Hobbs: 1266.2		Hartzell	S/N: 565-79
TTSOH: 254.0 275.25		HC-C2YL-4F	AFTT: 1,266.2
1		Inspected Aircraft Per 43.1 Appendix D	
2		AD Checked Throw 4-1-13	
3		Post Maintenance Test Run And Leak Check Ok	
4			
5			
6			
7			
8			
9			
10			
<p>I certify that this Aircraft/Component has been inspected in accordance with A 100 Hr - Annual Inspection and was determined to be in airworthy condition.</p> <p>The aircraft and/or component identified above was repaired and/or inspected IAW FAA regulations and is approved for return to service.</p>			
<p>Signed: </p> <p>Tim Thompson, A&P I.A. 3462785</p>			

Hartzell Propeller

Manual No. 115 N

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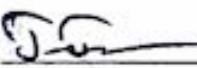
DATE	5/11/2014	Propeller	AIRCRAFT	N5062C
Hobbs:	1288.1	Hartzell	S/N:	565-79
TTSOH:	297.1	HC-C2YL-4F	AFTT:	1,288.1

DA _____

1	Inspected Aircraft Per 43.1 Appendix D	ATURE _____
2	AD Checked Throw 5-11-14	_____
3	Post Maintenance Test Run And Leak Check Ok	_____
4		_____
5		_____
6		_____
7		_____
8		_____
9		_____
10		_____

I certify that this Aircraft/Component has been inspected in accordance with A 100 Hr - Annual Inspection and was determined to be in airworthy condition.

The aircraft and/or component identified above was repaired and/or inspected IAW FAA regulations and is approved for return to service.

Signed:  _____
Tim Thompson, A&P I.A. 3462785

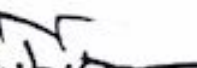
DATE	5/11/2015	Propeller	AIRCRAFT	N5062C
Hobbs:	1296.66	Hartzell	S/N:	565-79
TTSOH:	305.66	HC-C2YL-4F	AFTT:	1296.66

DA _____

1	Inspected Aircraft Per 43.1 Appendix D	ATURE _____
2	AD Checked Throw 5-11-15	_____
3	Post Maintenance Test Run And Leak Check Ok	_____
4		_____
5		_____
6		_____
7		_____
8		_____
9		_____
10		_____

I certify that this Aircraft/Component has been inspected in accordance with A 100 Hr - Annual Inspection and was determined to be in airworthy condition.

The aircraft and/or component identified above was repaired and/or inspected IAW FAA regulations and is approved for return to service.

Signed:  _____
Tim Thompson, A&P I.A. 3462785

HARTZELL PROPELLER INC.

Manual No. 115N

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

DATE	TACH TIME	DESCRIPTION OF WORK	SIGNATURE
1/23/16	1330.8	EW 100 hr INSPECTION PER FAR 43 APP (d)	
MILLS AVIATION SERVICES			
THIS <u>Prop</u> HAS BEEN INSPECTED IN ACCORDANCE WITH ANNUAL INSPECTION, FOUND AIRWORTHY AND IS APPROVED FOR RETURN TO SERVICE.			
TACH/TIME <u>1330.8</u> DATE <u>1/23/16</u>			
SIGNATURE <u>Edward Coniller</u> IA1745096			
4/1/18	1375.9	Annual Inspection C/W PER FAR 43 (A).	36664373 IA SK [Signature]
5/1/19	1389.2	Annual inspection C/W PER FAR 43 (A)	36664373 IA SK [Signature]
6/29/20	1436.74	4W ANNUAL INSPECTION PER 43.13.	36664373 IA SK [Signature]

Date: 07/11/2021 N5062C Tach: 1443.31 TSOH: 442.31

I hereby certify that this Propeller has been inspected in accordance with an Annual Inspection in the scope and detail of 43.13 app (d) and is found to be in an airworthy condition and approved for return to service.

Peter L. Datema A&P 3084568 IA

7/29/22	1445.12	Annual inspection complied with.	36664373 IA SK [Signature]
7/7/23	1457.19	Annual inspection complied with.	36664373 IA SK [Signature]
8/12/24	1562.3	Annual inspection complied with.	36664373 IA SK [Signature]