

HARTZELL

PROPELLER OWNER'S MANUAL



1. Approving Civil Aviation Authority/ Country: FAA/ United States		AUTHORIZED RELEASE CERTIFICATE FAA Form 8130-3, AIRWORTHINESS APPROVAL TAG			3. Form Tracking Number: 10682	
4. Organization Name and Address: South Coast Propeller Service, Inc. FAA RSN S6PR302X EASA 145.6306					5. Work Order/Contract/Invoice Number: SR-10682	
5750 Durose Drive Bessemer, AL 35022 (205) 426-7022 · Fax: (205) 426-7026		9. Quantity: 1		10. Serial Number: 701621		
6. Item: 1	7. Description: McCauley Governor	8. Part Number: C290D2K/T11	11. Status/Work: Overhauled			
12. Remarks: THIS COMPONENT WAS INSPECTED AND REPAIRED IN ACCORDANCE WITH MANUFACTURER'S MANUAL(S): 780401 rev.8 THE FOLLOWING WORK WAS PERFORMED: GOVERNOR DISASSEMBLED, CLEANED AND INSPECTED. MAJOR OVERHAULED. MAGNAFLUXED PARTS AS REQUIRED, REASSEMBLED AND TESTED TO MANUFACTURER'S SPECIFICATIONS.						
MC-SB-113C, MC-SB-156, MC-SB-223 13a. Certifies the items identified above were manufactured in conformity to: ☐ Approved design data and are in a condition for safe operation. ☐ Non-approved design data specified in Block 12.						
14a. ☒ 14 CFR 43.9 Return to Service ☐ Other regulation specified in Block 12 Certifies that unless otherwise specified in Block 12, the work identified in Block 11 and described in Block 12 was accomplished in accordance with Title 14, Code of Federal Regulations, part 43 and in respect to that work, the items are approved for return to service.						
13b. Authorized Signature:		13c. Approval/Authorization No.:		14b. Authorized Signature: Stephen Rose		14c. Approval/Certificate No.: S6PR302X
13d. Name (Typed or Printed):		13e. Date (dd/mm/yyyy):		14d. Name (Typed or Printed): STEPHEN ROSE, CHIEF INSPECTOR		14e. Date (dd/mm/yyyy): 08 Dec. 2015
User/Installer Responsibilities						
It is important to understand that the existence of this document alone does not automatically constitute authority to install the aircraft engine/propeller/article. 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 aircraft engine(s)/propeller(s)/article(s) from the airworthiness authority of the country specified in Block 1. Statements in Blocks 13a and 14a 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.						

PROPELLER MAINTENANCE RECORD

Position Single engine

Propeller Model HC-C3YR-1RF1F7282

Propeller S/N DY4505A

Blade Design _____

Blade S/N's

No. 1 J40066

No. 2 J40059

No. 3 J40058

No. 4 _____

No. 5 _____

No. 6 _____

PITCH RANGE

High/Feather _____

Start Lock _____

Low _____

Reverse _____

Aircraft Manufacturer Cessna

Aircraft Model 177B

S/N 17701626

Registration N34076

Spinner Assembly Part No. 1-C-4582-P

Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.

Date	Propeller		A/C Hrs	Description of all operations pertaining to Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
March 25, 2000	-0	-0-	1822.5	Installed this propeller on Cessna 177B, S/N 17701676, N34076 in accordance with Supplemental Type Certificate #SA1556GL and Hartzell Owner's Manual #115 (N). Parts approved for aircraft under Supplemental Type Certificate #SA1556GL. Jonathan Mills AIP 273644972 I.A.
07-24-00				PERFORMED DYNAMIC BALANCE I.A.W CHADWICK HERMUTH. BALANCE ACHIEVED WAS LESS THAN 0.2 IPS SEE FAA FORM 337 THIS DATE Fin Tangent for DTXR3411

8-30-02				Remove Spinner. Inspect, Lo 6 Prop with #6 Aeroshell
Tach 1904.4				Wayne R. Brown ATP 278388833
6/15/03				
TACH TIME			T.T.	
2042.0			219.5	
Spinner removed and propeller inspected for integrity. Propeller blades checked for tracking and nicks. None found. I have inspected this propeller in accordance with an annual inspection and found it to be in an airworthy condition on this date. 6/15/03 <u>Wayne R. Brown</u> 358427051AP/IA				
6/8/04				
TACH	2102.19			
T.T.S.	317.7		3 NEW	
Spinner removed and propeller inspected for integrity. Propeller blades checked for tracking and nicks. None found. I have inspected this propeller in accordance with an annual inspection and found it to be in an airworthy condition on this date. 6/8/04 <u>Wayne R. Brown</u> 2815791AP/IA				

Date	Propeller		A/C Hrs	
	TSN	TSO		
6/13/05			2200.74	
TSN 416.25				
6/10/06			2292.14	
TSN 507.65				

Description of all operations pertaining to Airworthiness Directives,
Service Documents, Overhaul, Major or Minor Repair, and Inspections.

Spinner removed and propeller inspected for integrity. Propeller blades checked for tracking and nicks. No defects found. I have inspected this propeller in accordance with an annual inspection and found it to be in an airworthy condition on this date. 6/13/05

Hugh P. Brown 2815791AP/IA

Spinner removed and propeller inspected for integrity. Propeller blades checked for tracking and nicks. Propeller greased per Hartzell recommendations. I have inspected this propeller in accordance with an annual inspection and found it to be in an airworthy condition on this date. 6/10/06

Hugh P. Brown 2815791AP/IA

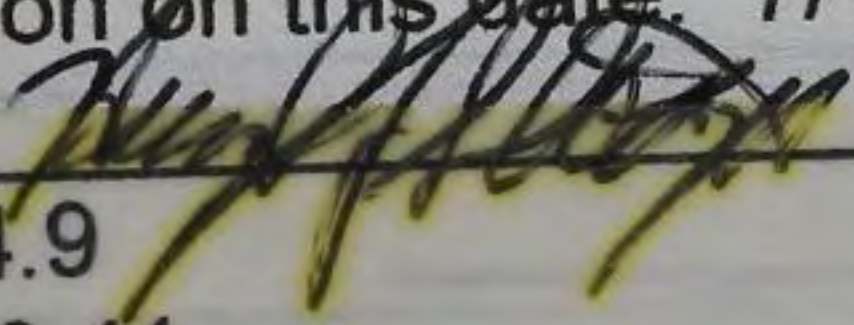
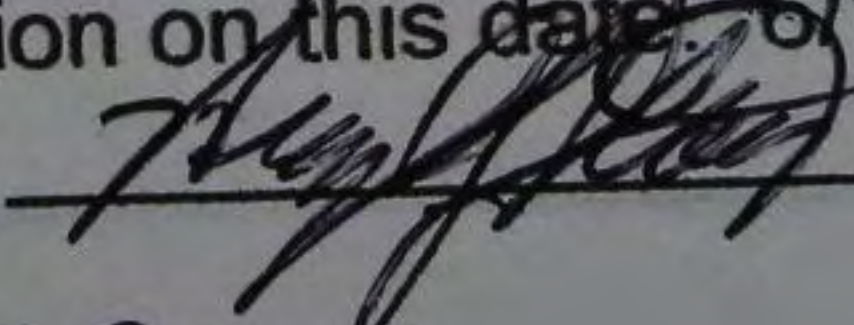
6/20/07			2428.9	
TSN	644.41			
7/1/08			2541.6	
TSN	757.11			
7/1/09				
	887.01			
			2671.5	

Propeller spinner removed for inspection. Propeller greased per Hartzell instructions. Propeller inspected for nicks and integrity. No defects found. I have inspected this prop in accordance with an annual inspection and found it to be in an airworthy condition on this date.
 6/20/07 Hugh J. Stoops 2815791AP/IA
 Total Time 2428.9

Propeller spinner removed and checked with no defects found. Propeller tracked and checked for nicks with none found. Prop greased with AeroShell #22 Spinner reinstalled. I have inspected this propeller in accordance with an annual inspection per AC 43.13 appendix d and found it to be in an airworthy condition on this date. 7/1/08
 Hugh J. Stoops Hugh J. Stoops 2815791AP/IA

Hartzell - HC-C3YR-1RF/E7282 Sn DY4505A

Propeller spinner removed and checked with no defects found. Propeller tracked and checked for nicks with none found. Prop greased with AeroShell #22. Spinner reinstalled. I have inspected this propeller in accordance with an annual inspection per AC 43.13 appendix d and found it to be in an airworthy condition on this date. 7/1/09
 Hugh J. Stoops Hugh J. Stoops 2815791AP/IA
 Tach Time 2671.5
 Total Time 887.01

Date	Propeller		A/C Hrs TACH	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
2010	1		2804.9	Hartzell – HC-C3YR-1RF/F7282 Sn DY4505A Propeller spinner removed and checked with no defects found. Propeller tracked and checked for nicks with none found. Prop greased with AeroShell #22. Spinner reinstalled. I have inspected this propeller in accordance with an annual inspection per AC 43.13 appendix d and found it to be in an airworthy condition on this date. 7/1/09 Hugh J. Stoops  2815791AP/IA Tach Time 2804.9 Total Time 1020.41
6/15	↓			
TSN	1020.41			
2011				Hartzell – HC-C3YR-1RF/F7282 Sn DY4505A Propeller spinner removed and checked with no defects found. Propeller tracked and checked for nicks with none found. Prop greased with AeroShell #7. Spinner reinstalled. I have inspected this propeller in accordance with an annual inspection per AC 43.13 appendix d and found it to be in an airworthy condition on this date. 6/17/2011 Hugh J. Stoops  2815791AP/IA Tach Time 2950.0 TT SNEW 1020.41
6/17			2950.0	
TSN	1165.51			

Date	Propeller		A/C Hrs	Description of all operations pertaining to Airworthiness Directives, Service Documents, Overhaul, Major or Minor Repair, and Inspections.
	TSN	TSO		
DATE <u>1-7-12</u>	N <u>177EJ</u>	TACH <u>3186.0</u>		
AIRCRAFT MAKE <u>CESSNA</u>	MODEL <u>177</u>			
LEFT ENGINE _____	RIGHT ENGINE _____			
SINGLE ENGINE <u>✓</u>				
THIS AIRCRAFT WAS DYNAMICALLY BALANCED TO AN IPS OF <u>046</u>				
THE BALANCING WAS DONE BT "MSR AVIATION RESOURCES" USING				
MICRO VIBE II BALANCING EQUIPMENT. WEIGHT WAS PERMANANTLY				
INSTALLED TO THE SPINNER.				
☐ BACKING PLATE ☐ STARTING RING GEAR BY MEANS OF "AN"				
HARDWARE				
INSTALLED <u>0</u>	GRAMS OF WEIGHT AT <u>0</u> °			
INSTALLED <u>0</u>	GRAMS OF WEIGHT AT <u>0</u> °			
INSTALLED _____	GRAMS OF WEIGHT AT _____ °			
ALL WEIGHT LOCATIONS WERE REFERENCED TO THE PROPELLER				
BLADE AS THE PROPELLER BLADE BEING 0°. BALANCING WAS				
COMPLETED IN ACCORDANCE WITH CHADWICK/HELLMUTH MANUAL				
AW-9511-2, ENTITLED "THE SMOOTH PROPELLER". APPROVED BY THE				
NORTHEAST REGION AND PROPELLER SERVICE DIRECTORATE 12 JUNE				
1990, AND/OR APPLICABLE PROPELLER SERVICE APPLICATION:				
McCAULEY SL 1989-4B & HARTZELL MANUAL #202A OR HARTZELL SI				
148B				
OPERATING TECHNICIAN		MICHAEL S ROHLMAN		
A&P/IA	2801322	<u>[Signature]</u>		
<u>- NO WEIGHT ADDED -</u>				

N177EJ C-177B - Sn 17701626 Tach 3242.4

Hartzell - HC-C3YR-1RF/F7282 Sn DY4505A

Removed spinner and inspected for defects. Greased prop and checked blades and hub for nicks. No defects found. I have inspected this propellor in accordance and annual inspection per AC 43.13, para D, and find it to be in an airworthy condition on this date. Aircraft returned to service.

(6/5/13) Hugh J. Stoops *Hugh J. Stoops* 2815791AP/IA

Tach Time 3242.4

TTSNEW 1419.9

N177EJ C-177B - Sn 17701626 Tach 3242.4

Hartzell - HC-C3YR-1RF/F7282 Sn DY4505A

Removed spinner and inspected for defects. Greased prop and checked blades and hub for nicks. No defects found. I have inspected this propellor in accordance and annual inspection per AC 43.13, para D, and find it to be in an airworthy condition on this date. Aircraft returned to service.

(6/4/14) Hugh J. Stoops *Hugh J. Stoops* 2815791AP/IA

Tach Time 3300.2

TTSNEW 1477.7

Description of all operations pertaining to Airworthiness Directives,
Service Documents, Overhaul, Major or Minor Repair, and Inspections.

Date	Propeller TSN TSO	AC Hrs
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N177EJ C-177B S/N 17701626 TACH. 3,691.1 DATE JULY 02, 2018.

PROP. S/N DY4505A
COMPLETED AN ANNUAL INSPECTION PER THE SCOPE AND DETAILS OF
FAR 43 APPENDIX D, I CERTIFY THAT THIS PROPELLER HAS BEEN
INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AN AIRWORTHY CONDITION.

SHAY EVERETT A/P3421020I/A

PROP. TSNEW 1,868.6 PROP. TSMOH 1,868.6

N177EJ C-177B S/N 17701626 TACH. 3,888.0 DATE AUGUST 7, 2020.
PROP. S/N DY4505A

COMPLETED AN ANNUAL INSPECTION PER THE SCOPE AND DETAILS OF
FAR 43 APPENDIX D, I CERTIFY THAT THIS PROPELLER HAS BEEN
INSPECTED IN ACCORDANCE WITH AN ANNUAL INSPECTION AND WAS
DETERMINED TO BE IN AN AIRWORTHY CONDITION.

SHAY EVERETT A/P3421020I/A

PROP. TSNEW 2,065.5 PROP. TSMOH 2,065.5

8-7-2020

08-13-2021				THIS PROP, SPANTEL, GOVERNOR, & CENTREES HAVE
TACH 4001-1 HRS.				BEEN INSPECTED IF/IN AN AIRWORTHINESS INSPECTION
PROP 5.01. 2178.6 HRS.				AND HAVE BEEN FOUND TO BE IN AN AIRWORTHY

CONDITION.

THOMAS W. DAHLMAN
 THOMAS W. DAHLMAN (A2111007)