

United States Of America
Department of Transportation - Federal Aviation Administration
Supplemental Type Certificate

Number SA971WE

This Certificate issued to Hartzell Engine Technologies, LLC
2900 Selma Highway
Montgomery, Alabama 36108

certifies that the change in the type design for the following product with the limitations and conditions therefor as specified hereon meets the airworthiness requirements of Part 3 of the Civil Air Regulations.

Original Product Type Certificate Number: Listed below

Make: Cessna

Model: 150, 170, 172, and 175

Description of Type Design Change: Installation of a Jasco #6540 (35a.) Alternator Kit or a Jasco #6555 (50a.) Alternator Kit in accordance with Jasco #6540-6555 Installation Instructions dated March 9, 1965 or the installation of a Jasco Alternator P/N 6560-1, a 12 volt system per FAA sealed Skytronics Top Drawing 3013 no change revision, or later FAA approved revision, in the following aircraft:

<u>Model</u>	<u>T.C.#</u>	<u>Model</u>	<u>T.C.#</u>
150	3A19	172	3A12
170	799	175	3A17

Limitations and Conditions: The approval should not be extended to other specific airplanes of this model on which other previously approved modifications are incorporated unless it is determined that the interrelationship between this change and any of those other previously approved modifications will introduce no adverse effect upon the airworthiness of that airplane. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the other person written evidence of that permission.

This certificate and the supporting data which is the basis for approval shall remain in effect until surrendered, suspended, revoked or a termination date is otherwise established by the Administrator of the Federal

Date of application: March 15, 1965

Date reissued: March 13, 1969, March 6, 2014

Date of issuance: June 10, 1965

Date amended: October 29, 1976

Aviation Administration

By direction of the Administrator


(Signature)

Supervisor, Technical and Administrative
Support Staff, Los Angeles Aircraft
Certification Office

(Title)

Any alteration of this certificate is punishable by a fine of not exceeding \$1,000, or imprisonment not exceeding 3 years, or both.



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SPECIFICATION CLASSIFICATION

CLASSIFICATION	DIMENSION CONVENTION	NOTE NO CONVENTION
CRITICAL	<XX XX>	<#>
MAJOR	[XX XX]	[#]
MINOR	XX XX	#
REFERENCE	(XX XX)	(#)

REVISIONS

EN	REV.	DESCRIPTION	BY	DATE
1401074	A	1) REDRAWN IN SOLIDWORKS; 2) FIRST RELEASE INTO HET DESIGN DATA; 3) ADDED HET TITLE BLOCK	EAB	01/23/14
1403009	B	1) REMOVED LISTING OF KIT COMPONENTS; 2) REMOVED ACCOMPANYING DRAWING LIST PER REDLINE	EAB	03/06/14

FAA APPROVED

MAR 21 2014 CR

CHICAGO AIRCRAFT
CERTIFICATION OFFICE
CENTRAL REGION

TOP DRAWING

HARTZELL ENGINE TECHNOLOGIES

JASCO ALTERNATOR SYSTEM 6560-1 (12V-50AMP)

INSTALLATION INSTRUCTION AND DRAWING P1001



UNLESS OTHERWISE SPECIFIED

DIMENSIONS ARE IN INCHES AND APPLY AFTER HEAT TREAT AND PLATING
.X = ±.015
.XX = ±.010 ANGLES ±1°
.XXX = ±.005
BREAK ALL EDGES AND MACHINE ALL INSIDE CORNER FILLETS .015 MAX.
SURFACE FINISH $\sqrt{125}$

THIS DRAWING CONTAINS INFORMATION THAT IS CONFIDENTIAL AND PROPRIETARY TO HARTZELL ENGINE TECHNOLOGIES. THIS DRAWING IS FURNISHED ON THE UNDERSTANDING THAT THE DRAWING AND THE INFORMATION IT CONTAINS WILL NOT BE COPIED OR DISCLOSED TO OTHERS EXCEPT WITH THE WRITTEN CONSENT OF HARTZELL ENGINE TECHNOLOGIES. WILL NOT BE USED TO THE DETRIMENT OF HARTZELL ENGINE TECHNOLOGIES, AND WILL BE RETURNED UPON REQUEST BY HARTZELL ENGINE TECHNOLOGIES.

GEOMETRIC SYMBOLS PER ANSI Y14.5

- FLATNESS
- STRAIGHTNESS
- ROUNDNESS
- CYLINDRICITY
- PROFILE
- PERPENDICULARITY
- POSITION
- CONCENTRICITY
- SYMMETRY
- ANGULARITY
- PARALLELISM
- CIRCULAR RUNOUT
- TOTAL RUNOUT

SCALE 1:1

DRAWN	EAB	01/23/14
CHECKED	<i>LWE</i>	<i>3/17/14</i>
ENG.	<i>CMB</i>	<i>3/18/14</i>
FINISH	N/A	
WEIGHT	N/A lbs	
MATERIAL	N/A	
SIZE	SH 1 OF 1	CODE ID 65PY1



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Montgomery, AL 36108

JASCO ALTERNATOR
SYSTEM 6560-1 (12V-50AMP)

DRAWING NO. TD3013	REV. B
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