Department of Transportation - Hederal Abiation 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

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:

Model	T.C.#	Model	T.C.#		
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

Aviation Administration

Date amended: October 29, 1976

By direction of the Administrator

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

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

SPECIFICAT	1011 017 001	
CLASSIFICATION	DIMENSION CONVENTION	NOTE NO CONVENTION
CRITICAL	<xx xx=""></xx>	<#>>
MAJOR	[XX XX]	[#]
MINOR	xxxx	H
REFERENCE	(XX XX)	(#)

		revisions		
EN	REV.	DESCRIPTION	BY	DATE
1401074	٨	1) REDRAWN IN SOLIDWORKS; 2) FIRST RELEASE INTO HET DESIGN DATA; 3) ADDED HET TITLE BLOCK	EAB	01/23/14
1403009	В	1) REMOVED LISTING OF KIT COMPONENTS; 2) REMOVED ACCOMPANYING DRAWING LIST PER REDLINE	EAB	03/06/14

FAA APPROVED

MAR 2 1 2014 CR

TOP DRAWING

CHICAGO AIRCRAFT CERTIFICATION OFFICE CENTRAL REGION

HARTZELL ENGINE TECHNOLOGIES

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



INSTALLATION INSTRUCTION AND DRAWING P1001

(B)

UNLESS OTHERWISE SPECIFIED	GEOMETRIC SYMBOLS PER ANSI Y14.5	DRAWN	EAB	01/23/14			
DIMENSIONS ARE IN INCHES AND APPLY AFTER HEAT TREAT AND PLATING .X = ±.015 .XX = ±.010 .XX = ±.001 .XXX = ±.005 BREAK ALL EDGES AND MACHINE ALL INSIDE CORNER FILLETS .015 MAX. 125 SURFACE FINISH THIS DRAWING CONTAINS INFORMATION THAT IS CONFIDENTIAL AND PROPRIETARY 10 HARTZELL ENGINETECHNOLOGIES, 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 WRITEN CONSENT OF HARTZELL ENGINE TECHNOLOGIES, WILL NOT BE USED TO THE DETRIMENT OF HARTZELL ENGINE TECHNOLOGIES, AND WILL BE RETURNED UPON PEOQUEST BY HARTZELL ENGINE TECHNOLOGIES.		CHECKED	ZWE	3/17/14	HARTZELL 2900 Selma		A
	FLATNESS STRAIGHTNESS	ENG.	CNB	3/18/14	ENGINE TECHNOLOGIES Montgomery	, AL 36108	
	CATINDSKULA SOUNDMESS	FINISH	N,	/A /	SIGNITOWERY, ALABAMA SEA		
	PROFILE PERPENDICULARBY	WEIGHT	N,	/A lbs			
	∠ ANGULAR∏Y	CONCENTRICITY SYMMETRY ANGULARITY MATERIAL N/A			JASCO ALTERNATOR		
					SYSTEM 6560-1 (12V-50AMP)		
	CIRCULAR RUNOUT TOTAL RUNOUT SCALE 1:1	SIZE A	SH 1 OF 1	CODE ID 65PY1	DRAWING NO. TD3013	REV.	
2	00,122				1		J



