

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

Number SA02078CH

This certificate issued to
Hartzell Propeller Inc.
One Propeller Place
Piqua, OH 45356

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: 3A17
Make: Cessna Aircraft Company
Model: R172K

Description of Type Design Change:

Installation of a Hartzell Propeller Inc. 75" diameter three-blade propeller model (P)HC-C3YF-1RF/F7392 with A-2295-1(P) spinner or model (P)HC-G3YF-1RF/F7392 with C-4582-(P) spinner on a Cessna R172K (Hawk XP) Landplane aircraft, in accordance with Hartzell installation instructions HP-R172K-NST dated October 28, 2004, or later FAA approved revision.

Limitations and Conditions:

1. Compatibility of this design change with previously approved modifications must be determined by the installer.
2. This STC is compatible with STC SA1437CE that installs the TCM IO-360-K, or -KB, engine as modified by STC SE1436CE. The re-rated engine is designated IO-360-KC, or -KBC, which increases the power rating to 210 hp @ 2800 RPM for five minutes at takeoff and 195 hp @ 2600 rpm maximum continuous.
3. FAA Approved Airplane Flight Manual Supplement HP-R172K-AFMS, dated October 28, 2004, or later FAA approved revision is required as part of this modification.
4. If the holder agrees to permit another person to use this certificate to alter the product, the holder shall give the 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 Aviation Administration.

Date of application: May 10, 2001

Date reissued: January 27, 2005

Date of issuance: December 3, 2004

Date amended:

By direction of the Administrator



(Signature)

Thaddeus D. Krolicki, Jr.
Manager, Propulsion Branch
Chicago Aircraft Certification Office

(Title)

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Supplemental Type Certificate
(Continuation Sheet)

Number SA02004CH