

United States of America

Department of Transportation—Federal Aviation Administration

Supplemental Type Certificate

Number SA1008SW

This certificate, issued to

Aero Upgrade, LLC
4295 Nonchalant Circle N
Colorado Springs, CO 80917-2005

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: A13CE

Make: Cessna

Model: 177

Description of the Type Design Change:

Installation of Lycoming O-360-A1A, O-360-A3A, O-360-A2F, O-360-A4M, O-360-A2A, O-360-A4A, or O-360-A1F engines and Sensenich M76EM8S5-0-60 propellor in accordance with Air Mod Engineering Drawing 68020FP through E.O. "S" dated 8/20/69, or later FAA approved data.

Limitations and Conditions:

1. The following placards are required:
 - a. Avoid continuous operation between 2150 and 2350 RPM.
 - b. Minimum octane fuel 100/130.
2. A copy of this certificate and FAA approved Flight Manual Supplement, Document No. AU-AFMS-01, Revision Original, dated September 4, 2009, or later FAA approved revision must be maintained as part of the permanent records of aircraft modified after September 8, 2009.
3. Compatibility of this design change with previously approved modifications must be determined by installer.
4. 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 Aviation Administration.

Date of application: November 15, 1968

Date reissued: 3/15/99; 3/24/99; July 15, 2009

Date of issuance: March 17, 1969

Date amended: September 8, 2009



By direction of the Administrator



Melissa Sandow (Signature) Program Manager
Northwest Mountain Region
Denver 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.