United States Of America
Department of Transportation - Federal Aviation Administration

Supplemental Type Certificate

Number SA8176SW

This Certificate issued to Sierra Industries, Ltd.
122 Howard Langford Drive
Uvalde, TX 78801

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 25 *of the* Federal Aviation Regulations.

Original Product Type Certificate Number: A22CE

Make: Cessna

Model: 500

Description of Type Design Change:
Install Pratt & Whitney Canada JT15D-1A engines, in accordance with Sierra Industries Inc. Drawing List No. 12-10000-1 Rev. B, dated March 14, 1990, or later FAA approved revision.

Limitations and Conditions:
Compatibility with previously installed equipment must be determined by the installer. 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. FAA approved Flight Manual Supplement, dated 12/11/91, or later FAA approved revision is required. Maximum operating altitude is limited to 35,000 feet for S/N 0001 through 0213 and 0234. This STC was found to be compatible with Eagle modification, STC SA645NW.

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 20, 1989

Date reissued: July 21, 2005

Date of issuance: December 11, 1991

Date amended:

By direction of the Administrator

(*Signature*)
S. Frances Cox, Manager
Special Certification Office,
Southwest Region

(*Title*)

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

This certificate may be transferred in accordance with FAR 21.47.