United States of America

Department of Transportation -- Federal Aviation Administration

Supplemental Type Certificate

Number SH8443SW

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This certificate issued to Apical Industries Inc.
2608 Temple Heights Drive
Oceanside, CA 92056-3512

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 29 *of the* Federal Aviation *Regulations.*

Original Product -- Type Certificate Number: H4SW

Make: Bell

Model: 212, 412, 412EP

Description of Type Design Change:
Installation of a bleed air heater system and air conditioning system in accordance with Premier Aviation, Inc., drawings B64-13020 Rev. C dated 10/13/94, ECO 4413 dated 1/6/95, and ECO 4656 dated 11/30/95; B64-13021 Rev. C dated 10/19/94, and ECO 4656 dated 11/30/95; and B64-13022 Rev C. dated 10/24/94, and ECO 4656 dated 11/30/95; and B74-22008 Rev. B dated 6/2/94, ECO 4425 dated 1/19/95, and ECO 4656 dated 11/30/95, or later FAA approved drawings.

Limitations and Conditions:
Rotorcraft Flight Manual Supplement dated December 8, 1995, or later FAA approved revision is required. The installer must determine whether this design change is compatible with previously approved modifications. If the holder agrees to permit another person to use this certificate to alter a product, the holder must 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 : April 26, 1991

Date of issuance : September 17, 1992

Date reissued : 1/17/02; 11/27/07

Date amended : 2/1/95; 3/21/96 Rev. 2

By direction of the Administrator

(*Signature*)

Lance T. Gant, Manager
Rotorcraft 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.