

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

Number SR01180LA

This Certificate issued to DIAMOND UPGRADES, LLC
920 KING STREET
2ND FLOOR
WILMINGTON, DE 19801

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. *Certification basis is set forth in Type Certificate Data Sheet H4SW*

Original Product Type Certificate Number: H4SW

Make: Bell

Model: 412

Description of Type Design Change: Installation of Pratt & Whitney PT6T-3DF Twin-Pack in place of PT6T-3B, -3BE, -3BF, -3BG Twin Pack, in accordance with Airline Upgrades' Installation Instruction AU-412010420, Revision N/C, dated April 20, 2001, or later FAA approved revision. FAA Approved Rotorcraft Flight Manual Supplement No. AU-412010423, dated June 28, 2001, or later FAA approved revision is required with this installation.

Limitations and Conditions: The installation should not be incorporated in any aircraft unless it is determined that the interrelationship between this installation and any previously approved configuration will not introduce any adverse effect upon the airworthiness of the aircraft. The approval of this modification applies to the above-noted rotorcraft model series only and the incorporation of Bell Helicopter Technical Bulletin 412-84-44, 412-90-84, 412-93-118, 412-99-152, and 412-99-165. (See page 3). A copy of this STC must be included in the permanent records of the modified aircraft. 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: April 22, 2001

Date reissued: October 11, 2012

Date of issuance: June 28, 2001

Date amended: January 22, 2003, March 12, 2004



By direction of the Administrator

(Signature)
Manager, Propulsion Branch
Los Angeles 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.

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(Continuation Sheet)

NOTE:

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Limitations and Conditions (Continued): The limitation for the installed PT6T-3DF engine are: 1) the same performance and operating limits as the previously installed PT6T-3B, -3BE, -3BF, -3BG; and 2) the increased OEI performance of the PT6T-3DF with the appropriate engine instruments and marking installed.

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