

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

*Number* SR02249LA

*This Certificate issued to* Van Horn Aviation, L.L.C.  
1000 E. Vista Del Cerro Drive  
Tempe, Arizona 85281

*certifies that the change in the type design for the following product with the limitations and conditions therefor as specified herein meets the airworthiness requirements of Part 27\* of the Federal Aviation Regulations. \*Certification basis is set forth in Type Certificate Data Sheet H2SW*

*Original Product Type Certificate Number :* H2SW

*Make :* Bell Helicopter Textron

*Model :* 206B

*Description of Type Design Change:* Installation of tail rotor blades in accordance with Van Horn Aviation, L.L.C. Master Document List (MDL), 206-MDL-001, Revision B, dated July 14, 2009, and Instruction for Continued Airworthiness, ICA Manual No. VMM-206B3-301, Revision A, dated July 29, 2009, or later FAA Approved Revisions.

*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 helicopter models only. 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 :* January 21, 2008

*Date reissued :*

*Date of issuance :* August 10, 2009

*Date amended :*



*By direction of the Administrator*

*Ronald E. Turner*  
(Signature)

*oe* Manager, Airframe 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.*



U.S. Department  
of Transportation

**Federal Aviation  
Administration**

August 10, 2009

In reply refer to: 120L-09-251

Mr. Jim Van Horn  
Van Horn Aviation, L.L.C.  
1000 E. Vista Del Cerro Drive  
Tempe, Arizona 85281

**Transport Airplane Directorate  
Los Angeles Aircraft  
Certification Office**

3960 Paramount Boulevard  
Lakewood, California 90712-4137

Dear Mr. Van Horn,

Issuance of Supplemental Type Certificate (STC) No. SR02249LA  
to Install Replacement Tail Rotor Blades for a  
Bell Model 206B Helicopter  
Project No. ST13242LA-R

We have completed our evaluation of the subject change in type design and are enclosing your Supplemental Type Certificate (STC) No. SR02249LA. Also enclosed is an approved copy of your Instructions For Continued Airworthiness, ICA Manual No. VMM-206B3-301, Revision A, dated July 29, 2009.

This certificate signifies approval of the type design change and authorizes modification of the helicopter models listed on the certificate. A copy must be included with each kit you issue or each time you make the data available to other persons who intend to make the subject alteration. The certificate may be transferred or made available to others by means such as a licensing agreement in accordance with Title 14 Code of Federal Regulations (CFR) part 21.47.

For your information, you are required to maintain an updated file related to this STC. If you plan to manufacture replacement or modification parts for sale in conformance with approved data listed on the certificate, you are required to comply with the 14 CFR §§ 21.303 and 45.15. Application for Parts Manufacturer Approval (PMA) should be made in writing with reference to this STC and addressed to: Phoenix Manufacturing Inspection District Office, 13951 North Scottsdale Road, Suite 123, Scottsdale, Arizona. Please note that § 21.303(g) specifies that the FAA does not issue a PMA if the manufacturing facility for the part is located outside of the United States, unless a determination is made that the location of the manufacturing facility places no undue burden on the FAA in administering the applicable airworthiness requirements.

In accordance with § 21.3, and as a recipient of this certificate, you are required to report any failure, malfunction, or defect, except as provided in § 21.3(d), in any product or part manufactured by you or your contracted suppliers, and which you have determined has resulted or could result in any occurrences listed in § 21.3(c). The report should be communicated initially by telephone to the Manager, Airframe Branch, Los Angeles Aircraft Certification Office, phone number (562) 627-5220, within 24 hours after it has been determined a failure has occurred and follow up with a written notice to the address shown above. FAA Form 8010-4 (Malfunction or Defect Report) or other appropriate format is acceptable in transmitting the required details.

You, as the STC holder, are responsible for any design changes necessary to correct unsafe conditions as well as for submitting those design changes to this office for approval. This requirement is contained in § 21.99. In addition, you are required to advise this office of any change in address.

Also, § 21.50 requires that Instructions for Continued Airworthiness, as applicable to this change in type design, be made available to the operator at the time the aircraft is returned to service.

By accepting this certificate, you acknowledge that you have read and understand your responsibilities as an STC holder.

If there are any questions regarding this approval, please contact Mr. Fred Guerin at (562) 627-5232.

Sincerely,



*Greg* Gregory S. Dilibero  
Manager, Airframe Branch

Enclosure