

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

*Number* SR02577LA

*This Certificate issued to* Van Horn Aviation, L.L.C.  
1510 W. Drake Drive  
Tempe, Arizona 85283

*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 27\* of the Federal Aviation Regulations. \*See Certification Basis on Continuation Sheet 1*

*Original Product Type Certificate Number:* H2SW

*Make:* Bell Helicopter Textron

*Model:* 206B

*Description of Type Design Change:* Installation and maintenance of main rotor blade assembly P/N 20631000-101 in accordance with Instructions for Continued Airworthiness, ICA Manual No. VMM-MR-206B-501 Revision B, dated February 10, 2016 or later FAA approved revisions.

Fabrication in accordance with Van Horn Aviation, L.L.C. Master Document List, 206B-MDL-0001, Revision B, dated February 10, 2016 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:* December 11, 2012

*Date received:*

*Date of issuance:* February 17, 2016

*Date amended:*



*By direction of the Administrator*

*[Handwritten Signature]*

(Signature)

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.*

# Supplemental Type Certificate

Number SR02577LA

Continuation Sheet 1

Latest issuing date: February 17, 2016

*Certification Basis:* For the Model 206B. Based on the application date and under the provisions of 14 CFR §21.101 and the FAA policy for significant changes in FAA Order 8110.48, the Certification Basis is as follows:

- a. Certification Basis for components and areas **not changed or affected** by this modification is the original certification basis for the Model 206B as shown on TCDS H2SW, Revision 48.
- b. Certification Basis for components and areas **changed or affected** by this modification.

Airworthiness requirements in compliance at the amendment levels of the date of application December 11, 2012:

14 CFR part 27 through Amendment 27-47

27.25	27.143	27.309	27.602	27.659
27.27	27.171	27.321	27.603	27.661
27.29	27.173	27.337	27.605	27.1529
27.33	27.175	27.339	27.609	A27.4
27.49	27.177	27.341	27.610	B27V
27.51	27.251	27.351	27.313	
27.65	27.301	27.547	27.623	
27.71	27.303	27.571	27.625	
27.75	27.305	27.573	27.629	
27.141	27.307	27.601	27.653	

14 CFR part 36 through Amendment 36-30, Appendix J, Stage 2

Airworthiness requirements in compliance at the original basis for the Model 206B as shown on TCDS H2SW, Revision 48:

CAR 6.116, Amendment 6-4 (in place of §27.87)

END