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Department of Transport

# Supplemental Type Certificate

**This approval is issued to:**

Van Horn Aviation, LLC  
1510 W. Drake Drive  
Tempe, Arizona  
United States of America 85283

**Number:** SH16-46

**Issue No.:** 1

**Approval Date:** October 27, 2016

**Issue Date:** October 27, 2016

**Responsible Office:**

Ontario

**Aircraft/Engine Type or Model:**

Bell 206B

**Canadian Type Certificate or Equivalent:**

H-92 (Bell 206B)

**Description of Type Design Change:**

Manufacture and Installation of Composite Main Rotor Blade as per FAA STC SR02577LA

**Installation/Operating Data,  
Required Equipment and Limitations:**

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.

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.

- See Continuation Sheet -

**Conditions:** This approval is only applicable to the type/model of aeronautical product specified therein. Prior to incorporating this modification, the installer shall establish that the interrelationship between this change and any other modification(s) incorporated **will not** adversely affect the airworthiness of the modified product.



  
Marco G. Mariotti  
For Minister of Transport

Canada



NOTE: THIS ADDENDUM SHALL REMAIN PART OF THE CERTIFICATE REFERRED TO THEREIN.

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 –